

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
 Data File : BF141293.D
 Acq On : 29 Jan 2025 15:17
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 29 16:29:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 16:24:35 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	136491	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	532862	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	293084	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	511320	20.000	ng	0.00
76) Chrysene-d12	13.974	240	314234	20.000	ng	0.00
86) Perylene-d12	15.457	264	289582	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	382610	43.351	ng	0.00
7) Phenol-d6	6.422	99	475876	42.305	ng	0.00
23) Nitrobenzene-d5	7.357	82	432160	42.912	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	116167	43.498	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	819371	43.127	ng	0.00
79) Terphenyl-d14	12.916	244	860956	42.159	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	81467	20.794	ng	98
3) Pyridine	3.210	79	197852	21.116	ng	99
4) n-Nitrosodimethylamine	3.152	42	112451	20.957	ng	98
6) Aniline	6.457	93	210459	22.385	ng	99
8) 2-Chlorophenol	6.581	128	203008	21.418	ng	96
9) Benzaldehyde	6.345	77	150675	23.065	ng	100
10) Phenol	6.434	94	257179	21.611	ng	98
11) bis(2-Chloroethyl)ether	6.534	93	194572	21.260	ng	98
12) 1,3-Dichlorobenzene	6.739	146	224880	21.512	ng	99
13) 1,4-Dichlorobenzene	6.816	146	226376	21.503	ng	99
14) 1,2-Dichlorobenzene	6.969	146	213616	21.714	ng	99
15) Benzyl Alcohol	6.934	79	166008	21.602	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	340590	21.420	ng	100
17) 2-Methylphenol	7.045	107	165188	21.525	ng	99
18) Hexachloroethane	7.310	117	83193	21.359	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	140874	21.058	ng	99
20) 3+4-Methylphenols	7.198	107	205070	21.734	ng	96
22) Acetophenone	7.204	105	275680	21.825	ng	100
24) Nitrobenzene	7.381	77	224061	21.451	ng	98
25) Isophorone	7.616	82	369998	21.259	ng	99
26) 2-Nitrophenol	7.698	139	106287	21.725	ng	98
27) 2,4-Dimethylphenol	7.734	122	132748m	21.233	ng	
28) bis(2-Chloroethoxy)met...	7.828	93	237369	21.403	ng	98
29) 2,4-Dichlorophenol	7.934	162	166153	21.750	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	188468	21.511	ng	99
31) Naphthalene	8.104	128	607622	21.681	ng	100
32) Benzoic acid	7.816	122	126734	22.321	ng	99
33) 4-Chloroaniline	8.151	127	208531	22.151	ng	99
34) Hexachlorobutadiene	8.222	225	111274	21.699	ng	97
35) Caprolactam	8.498	113	54280	21.968	ng	99
36) 4-Chloro-3-methylphenol	8.628	107	177981	21.708	ng	99
37) 2-Methylnaphthalene	8.792	142	386035	21.630	ng	100
38) 1-Methylnaphthalene	8.892	142	378878	21.671	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	176736	21.209	ng	99
41) Hexachlorocyclopentadiene	8.945	237	51112	20.438	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	114390	21.029	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	125725	21.245	ng	98
46) 1,1'-Biphenyl	9.257	154	483479	21.145	ng	100
47) 2-Chloronaphthalene	9.281	162	377946	21.282	ng	99
48) 2-Nitroaniline	9.375	65	119359	21.310	ng	98
49) Acenaphthylene	9.698	152	531957	21.328	ng	99
50) Dimethylphthalate	9.557	163	423377	21.542	ng	100
51) 2,6-Dinitrotoluene	9.622	165	97622	21.345	ng	96
52) Acenaphthene	9.869	154	378511	21.328	ng	99
53) 3-Nitroaniline	9.786	138	100085	22.123	ng	98
54) 2,4-Dinitrophenol	9.892	184	40003	18.557	ng	# 86
55) Dibenzofuran	10.039	168	514223	21.665	ng	100
56) 4-Nitrophenol	9.945	139	73425	22.607	ng	97
57) 2,4-Dinitrotoluene	10.022	165	129942	22.027	ng	98
58) Fluorene	10.386	166	396520	21.488	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	99841	21.354	ng	99
60) Diethylphthalate	10.257	149	413889	21.745	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	193134	21.446	ng	99
62) 4-Nitroaniline	10.398	138	96692	22.250	ng	98
63) Azobenzene	10.539	77	407492	21.358	ng	99
65) 4,6-Dinitro-2-methylph...	10.427	198	62572	20.492	ng	97
66) n-Nitrosodiphenylamine	10.498	169	344387	20.773	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	119844	20.967	ng	98
68) Hexachlorobenzene	10.933	284	126823	20.917	ng	99
69) Atrazine	11.022	200	109133	19.627	ng	99
70) Pentachlorophenol	11.127	266	74508	20.958	ng	98
71) Phenanthrene	11.351	178	584027	21.262	ng	100
72) Anthracene	11.398	178	572743	21.377	ng	100
73) Carbazole	11.557	167	522100	22.000	ng	99
74) Di-n-butylphthalate	11.892	149	636521	22.251	ng	100
75) Fluoranthene	12.539	202	611492	22.808	ng	100
77) Benzidine	12.663	184	65963	6.904	ng	99
78) Pyrene	12.769	202	629228	20.739	ng	99
80) Butylbenzylphthalate	13.392	149	232095	22.149	ng	99
81) Benzo(a)anthracene	13.968	228	456535	21.197	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	134298	19.914	ng	99
83) Chrysene	14.004	228	421849	21.122	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	300546	22.857	ng	99
85) Di-n-octyl phthalate	14.604	149	451748	21.964	ng	100
87) Indeno(1,2,3-cd)pyrene	16.909	276	387089	20.466	ng	99
88) Benzo(b)fluoranthene	15.033	252	384557	21.383	ng	99
89) Benzo(k)fluoranthene	15.062	252	368801	22.900	ng	99
90) Benzo(a)pyrene	15.392	252	327630	21.317	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	318776	21.026	ng	100
92) Benzo(g,h,i)perylene	17.345	276	329876	20.684	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

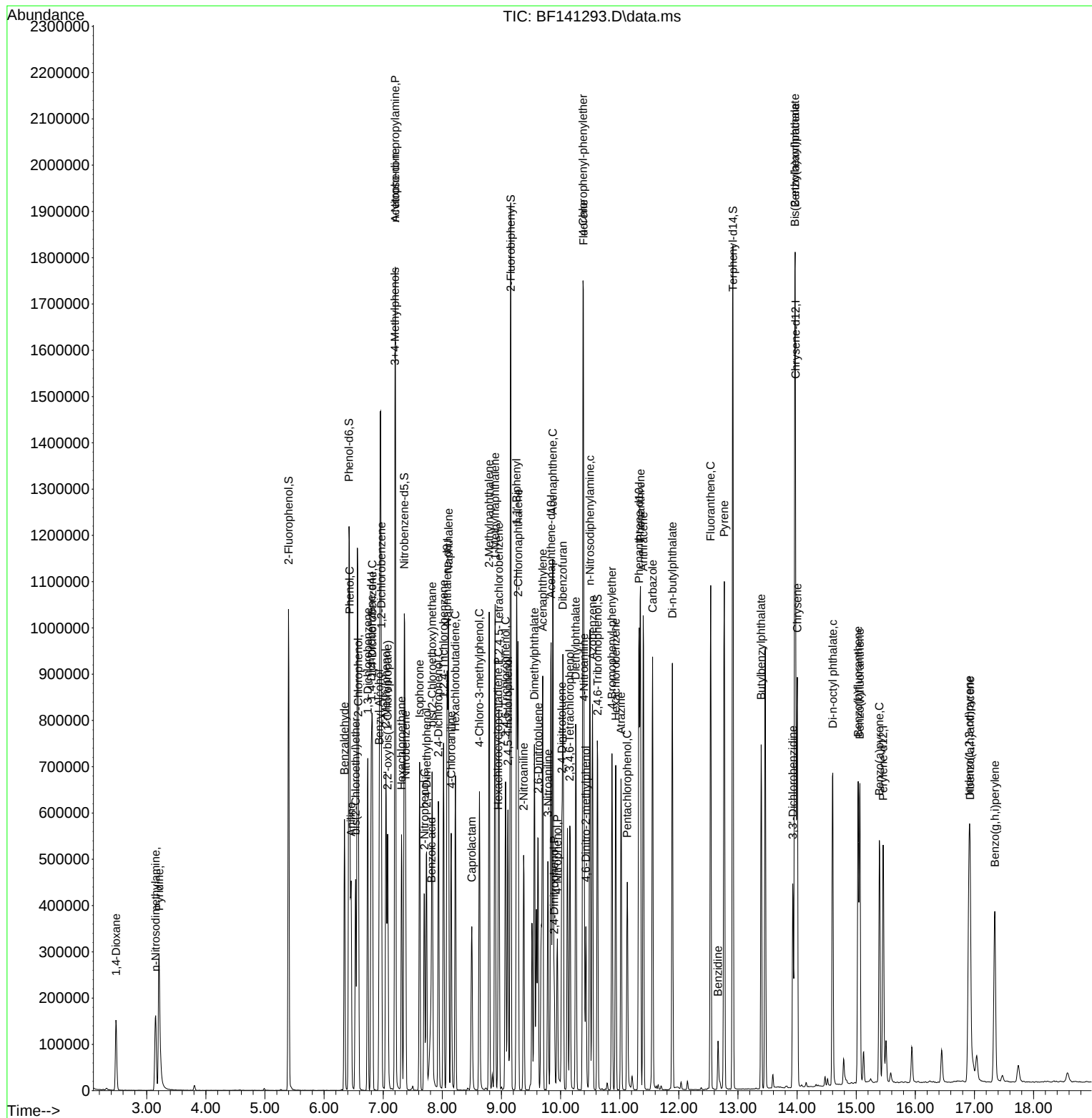
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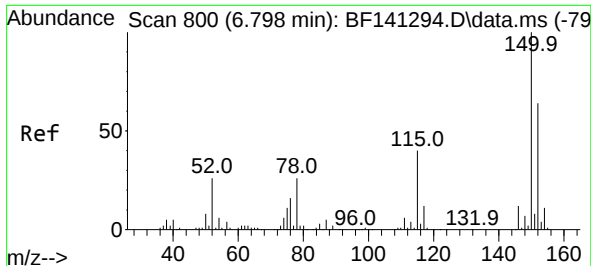
Instrument :
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 ClientSampleId :
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Manual Integrations APPROVED

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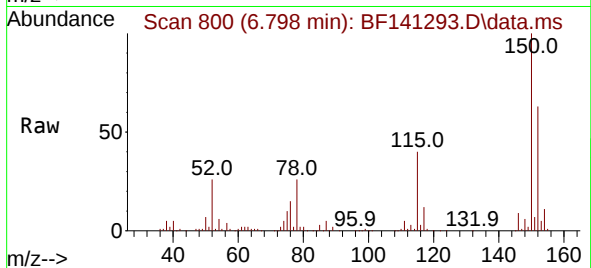
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

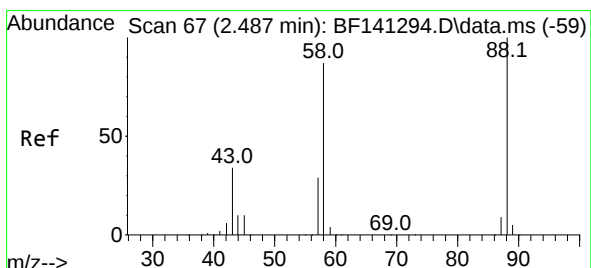
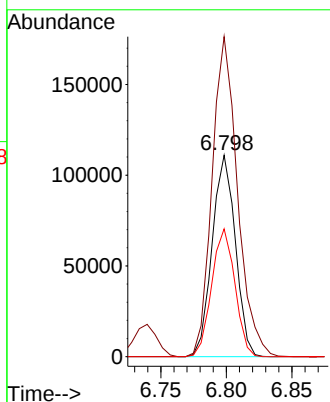
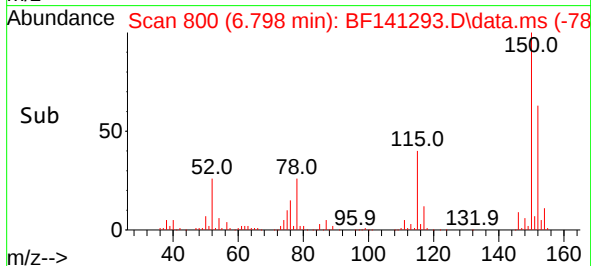
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:152 Resp: 13649
Ion Ratio Lower Upper
152 100
150 158.9 125.9 188.9
115 63.5 49.7 74.5

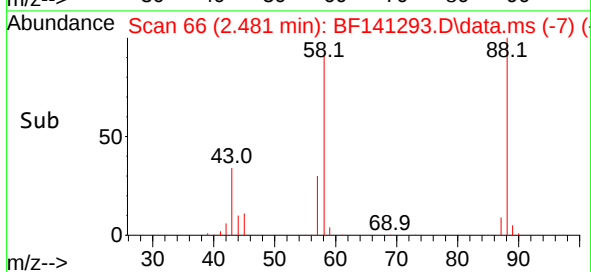
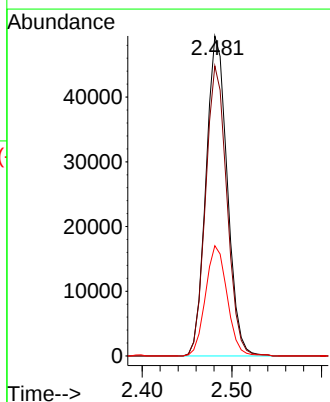
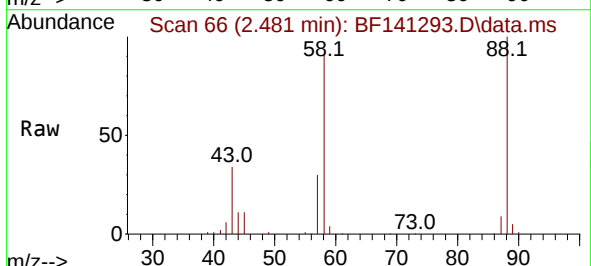
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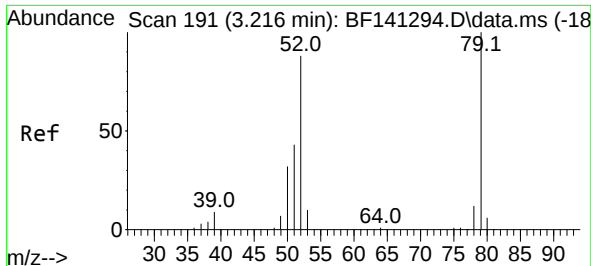
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#2
1,4-Dioxane
Concen: 20.794 ng
RT: 2.481 min Scan# 66
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion: 88 Resp: 81467
Ion Ratio Lower Upper
88 100
58 90.4 70.2 105.4
43 35.0 27.6 41.4





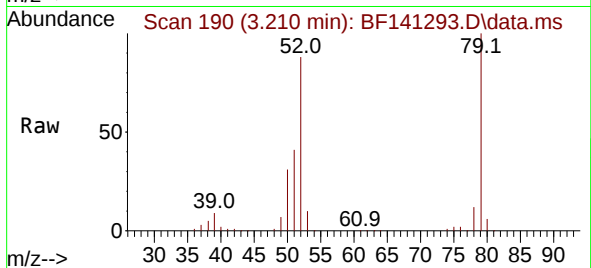
#3
Pyridine
Concen: 21.116 ng
RT: 3.210 min Scan# 191
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

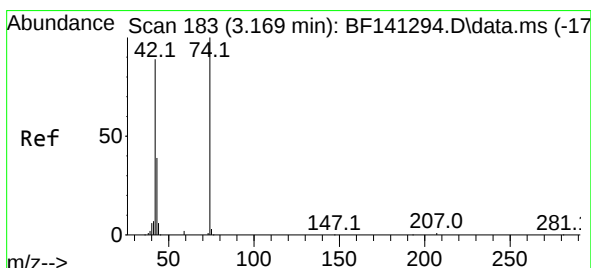
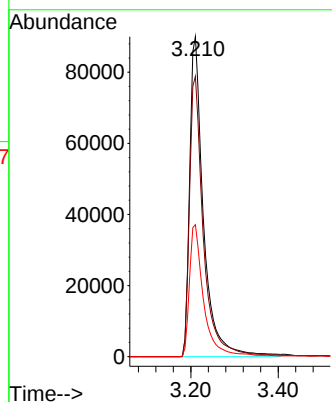
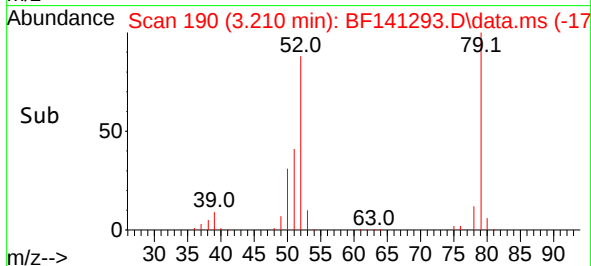


Tgt Ion: 79 Resp: 19785
Ion Ratio Lower Upper
79 100
52 87.6 70.3 105.5
51 41.2 34.3 51.5

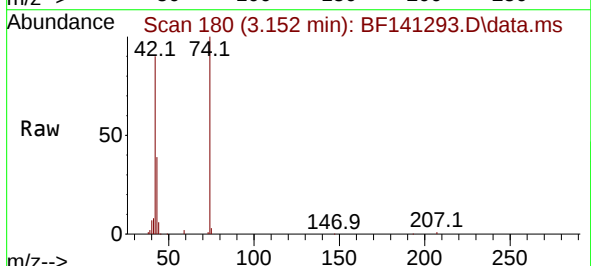
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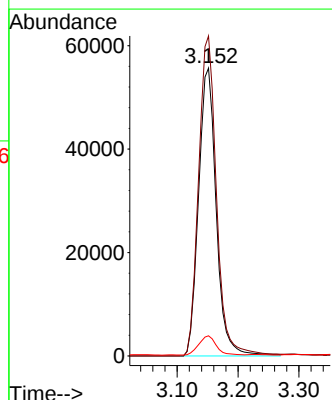
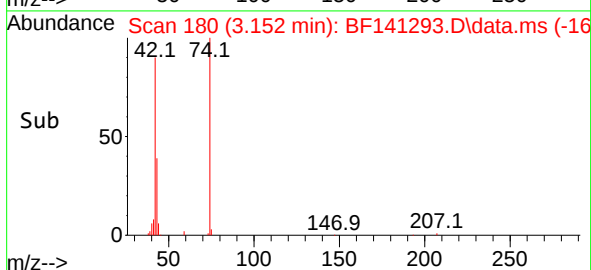
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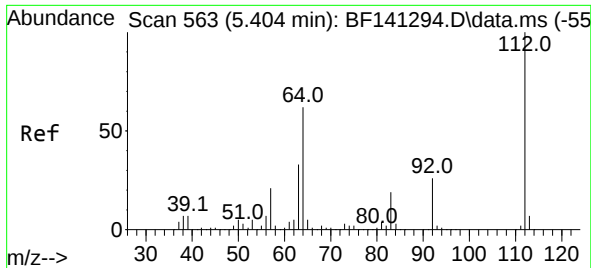


#4
n-Nitrosodimethylamine
Concen: 20.957 ng
RT: 3.152 min Scan# 180
Delta R.T. -0.018 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17



Tgt Ion: 42 Resp: 112451
Ion Ratio Lower Upper
42 100
74 111.2 90.3 135.5
44 7.0 5.7 8.5





#5
2-Fluorophenol
Concen: 43.351 ng
RT: 5.398 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

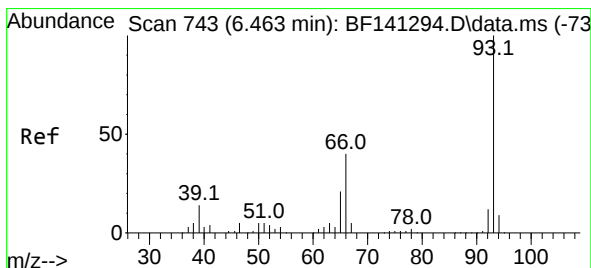
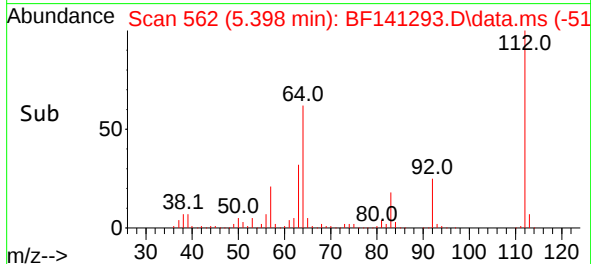
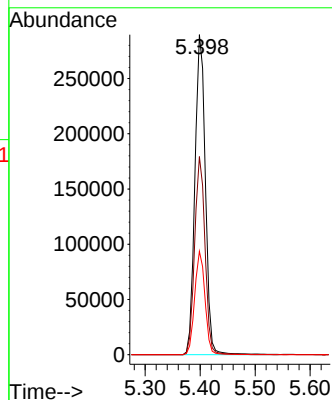
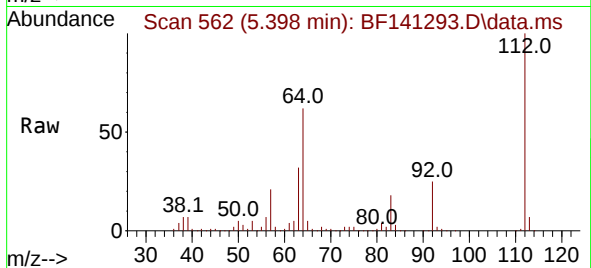
SSTDICC020

Tgt Ion:112 Resp: 382610
Ion Ratio Lower Upper
112 100
64 61.9 49.8 74.8
63 32.3 26.1 39.1

Manual Integrations

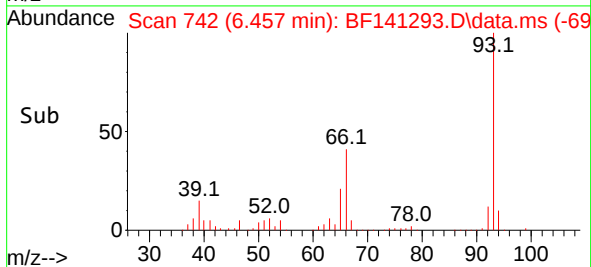
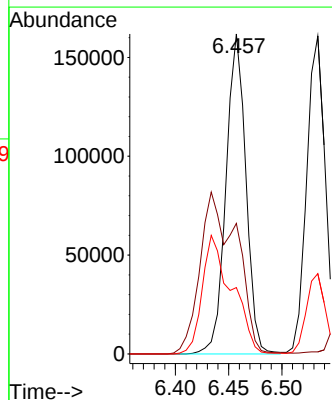
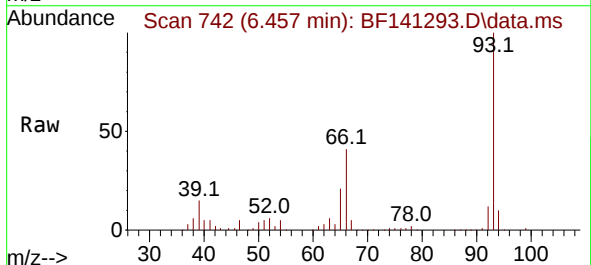
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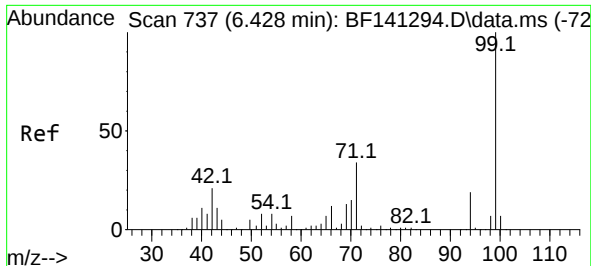
Reviewed By :Yogesh Patel 01/30/2025
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#6
Aniline
Concen: 22.385 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

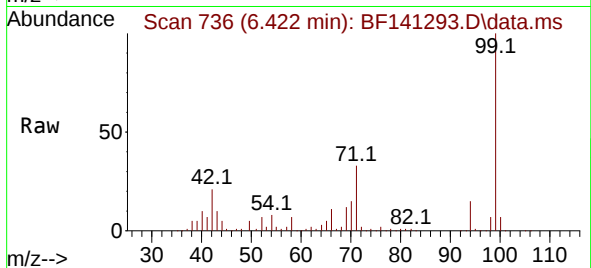
Tgt Ion: 93 Resp: 210459
Ion Ratio Lower Upper
93 100
66 40.8 32.5 48.7
65 20.7 17.0 25.6





#7
Phenol-d6
Concen: 42.305 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

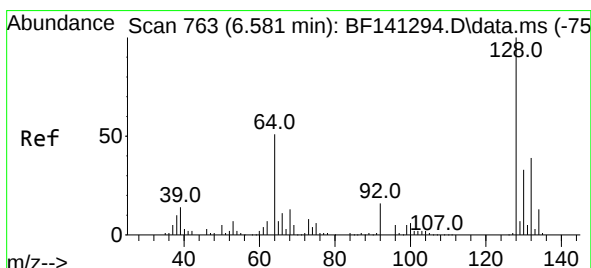
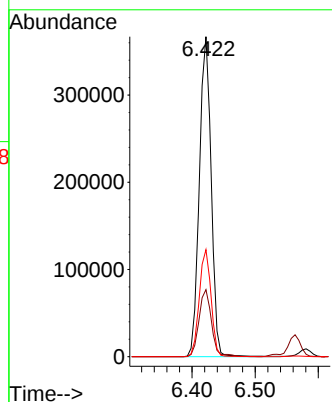
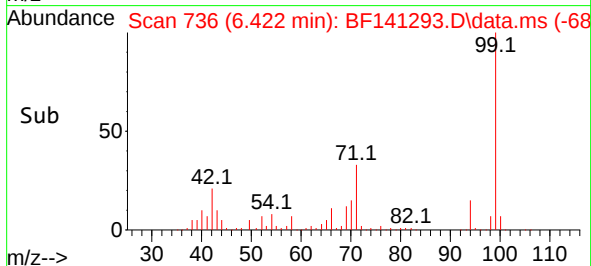
Instrument :
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Tgt Ion: 99 Resp: 475870
Ion Ratio Lower Upper
99 100
42 20.9 17.1 25.7
71 33.5 26.9 40.3

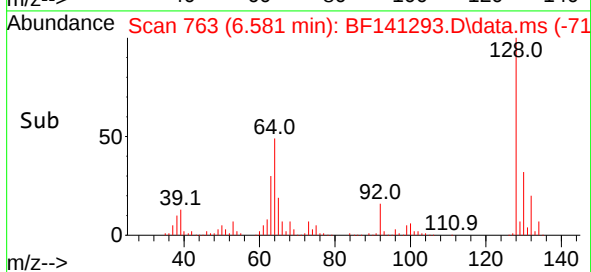
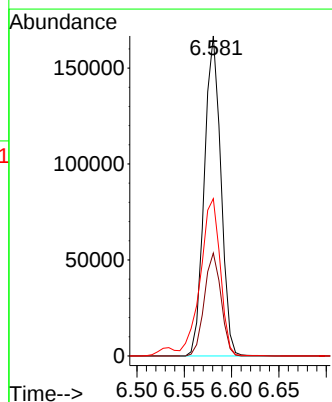
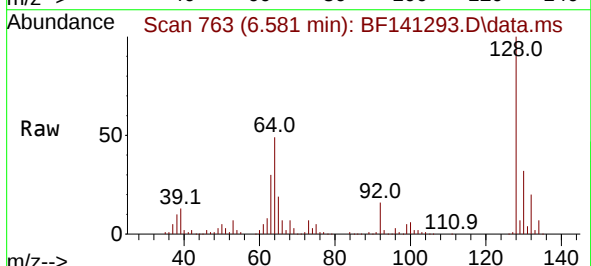
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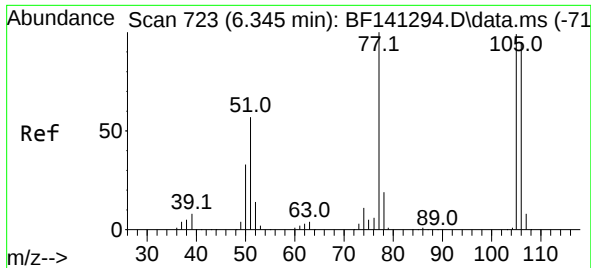
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#8
2-Chlorophenol
Concen: 21.418 ng
RT: 6.581 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:128 Resp: 203008
Ion Ratio Lower Upper
128 100
130 32.1 12.5 52.5
64 49.1 32.9 72.9





#9
Benzaldehyde
Concen: 23.065 ng
RT: 6.345 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

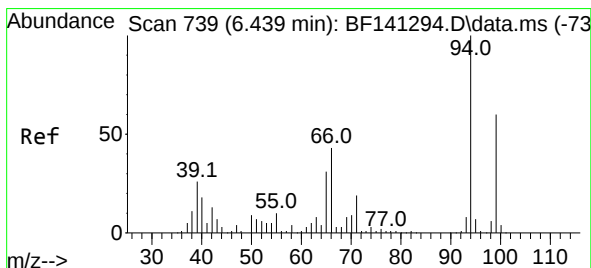
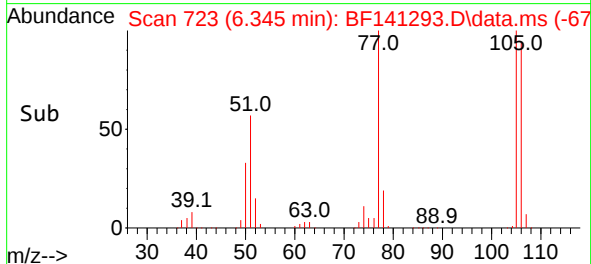
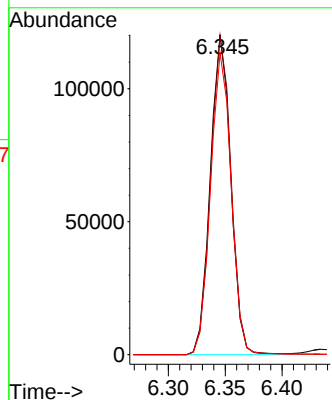
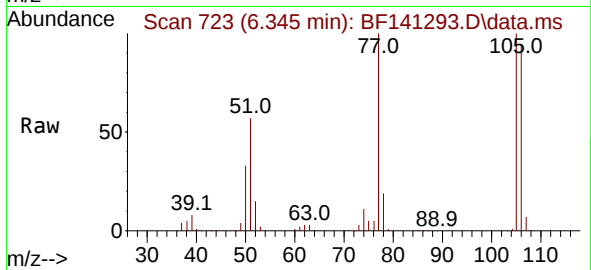
SSTDICC020

Tgt Ion: 77 Resp: 150679
Ion Ratio Lower Upper
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105 99.7 79.4 119.4
106 94.2 74.6 114.6

Manual Integrations

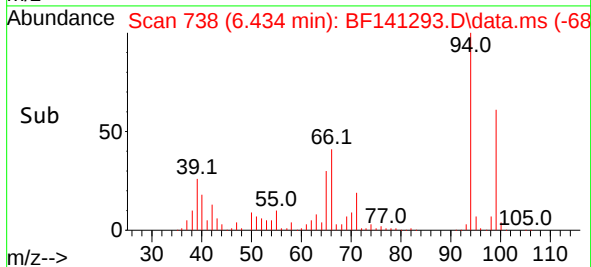
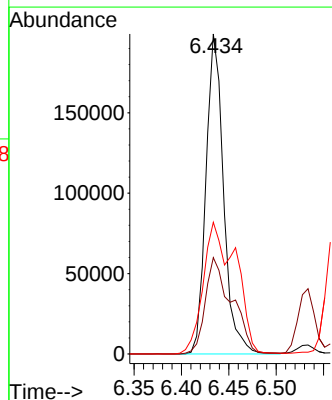
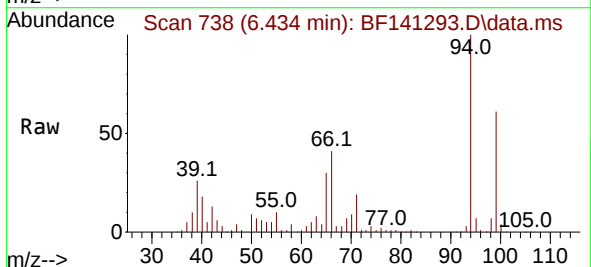
APPROVED

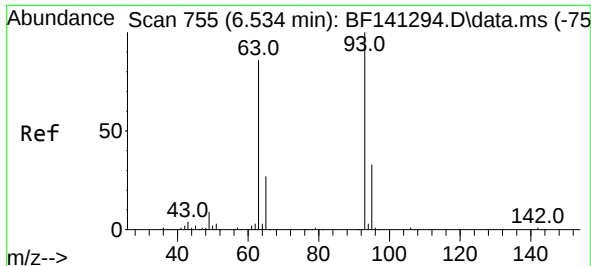
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#10
Phenol
Concen: 21.611 ng
RT: 6.434 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

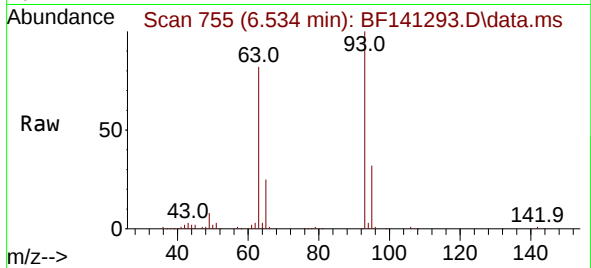
Tgt Ion: 94 Resp: 257179
Ion Ratio Lower Upper
94 100
65 30.1 10.8 50.8
66 41.1 23.3 63.3





#11
bis(2-Chloroethyl)ether
Concen: 21.260 ng
RT: 6.534 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

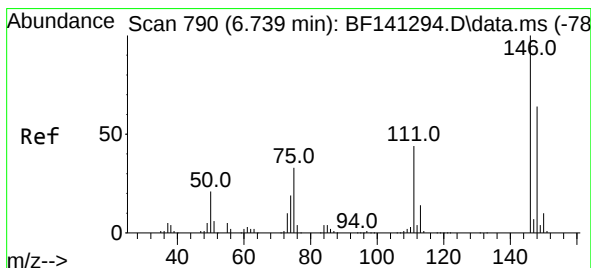
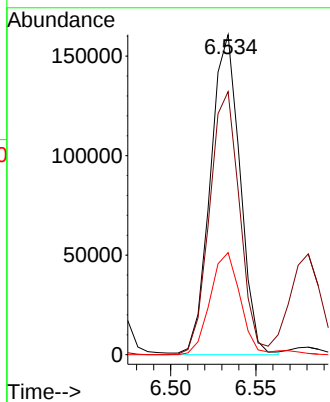
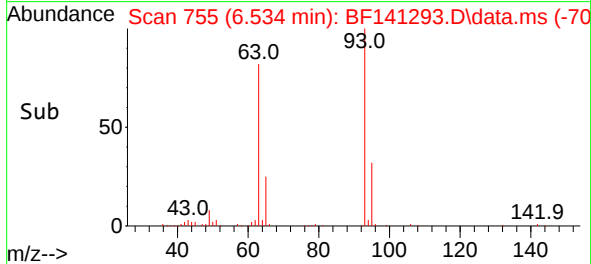
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 93 Resp: 194572
Ion Ratio Lower Upper
93 100
63 82.2 65.0 105.0
95 31.9 12.4 52.4

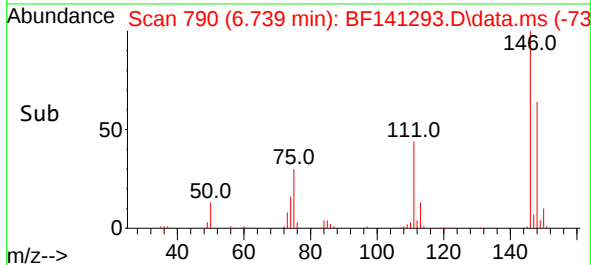
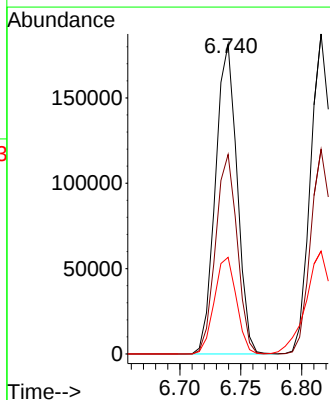
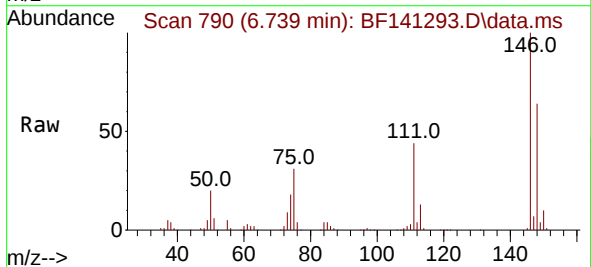
Manual Integrations
APPROVED

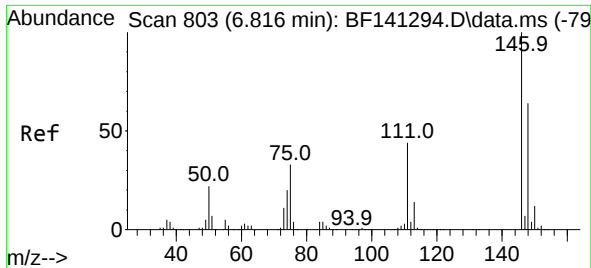
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#12
1,3-Dichlorobenzene
Concen: 21.512 ng
RT: 6.739 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:146 Resp: 224880
Ion Ratio Lower Upper
146 100
148 64.4 51.2 76.8
75 31.2 26.2 39.4





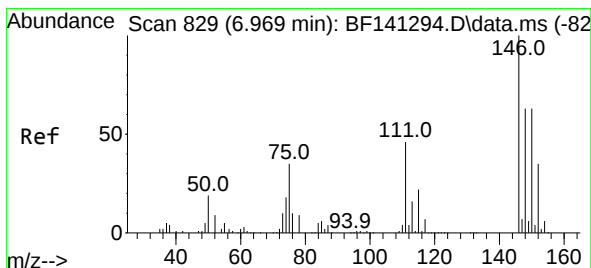
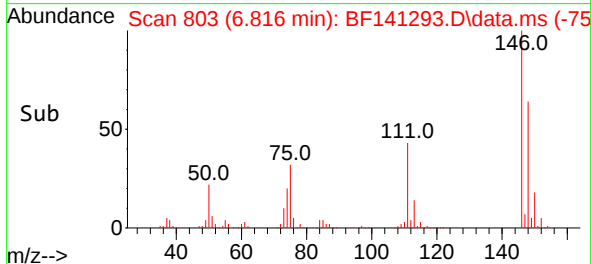
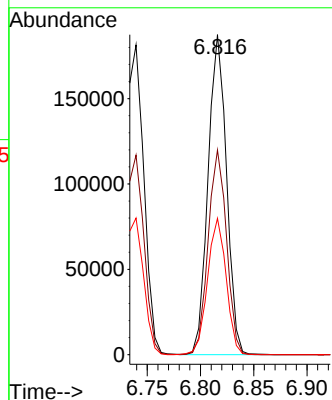
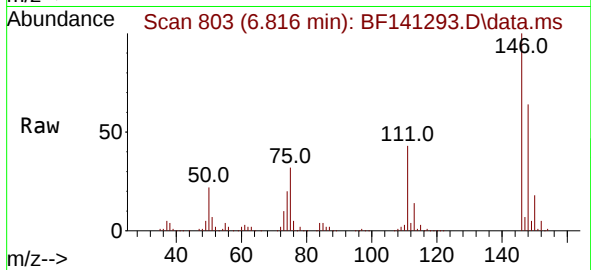
#13
1,4-Dichlorobenzene
Concen: 21.503 ng
RT: 6.816 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:146 Resp: 226370
Ion Ratio Lower Upper
146 100
148 63.9 51.2 76.8
111 42.6 35.0 52.4

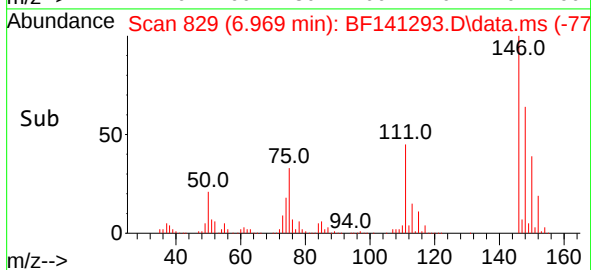
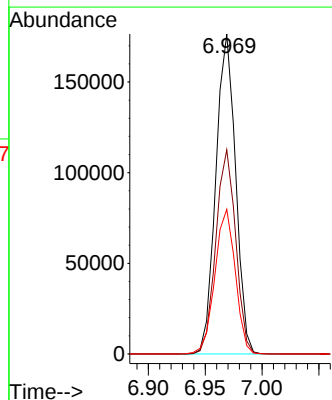
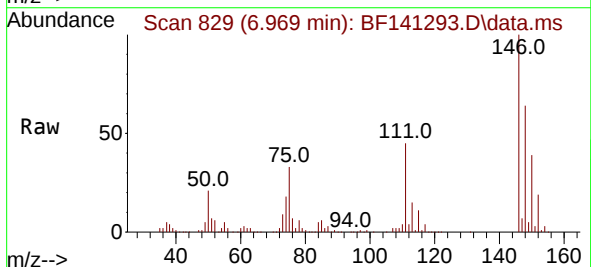
Manual Integrations
APPROVED

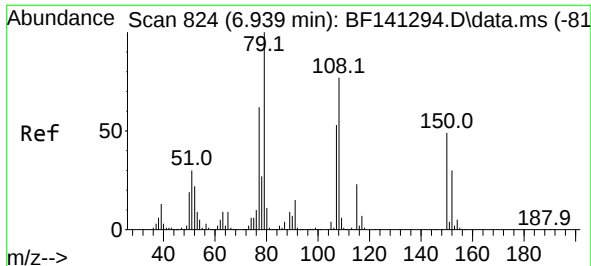
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#14
1,2-Dichlorobenzene
Concen: 21.714 ng
RT: 6.969 min Scan# 829
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:146 Resp: 213616
Ion Ratio Lower Upper
146 100
148 63.8 50.5 75.7
111 45.2 36.6 55.0





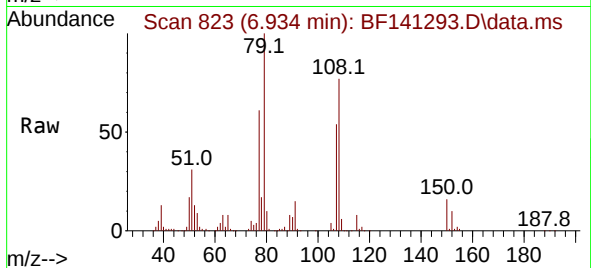
#15
Benzyl Alcohol
Concen: 21.602 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

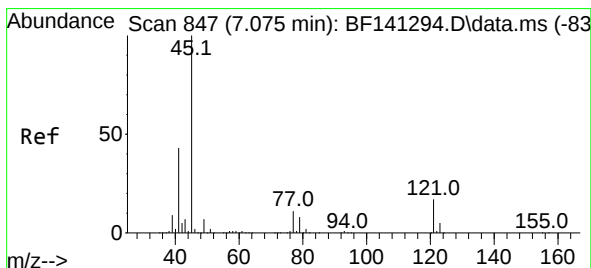
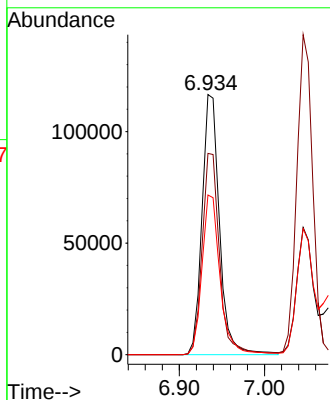
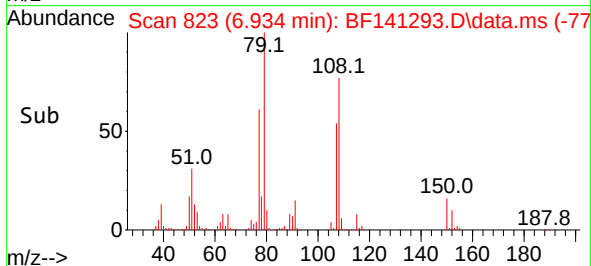


Tgt Ion: 79 Resp: 166008
Ion Ratio Lower Upper
79 100
108 77.4 61.4 92.0
77 61.4 49.9 74.9

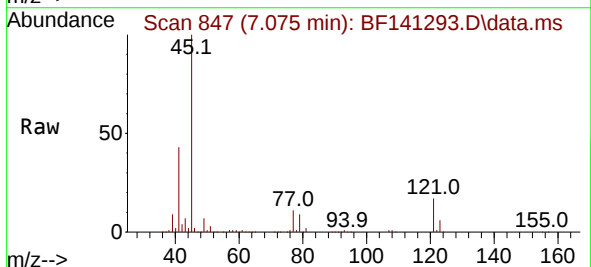
Manual Integrations

APPROVED

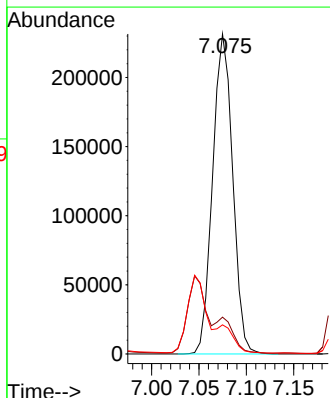
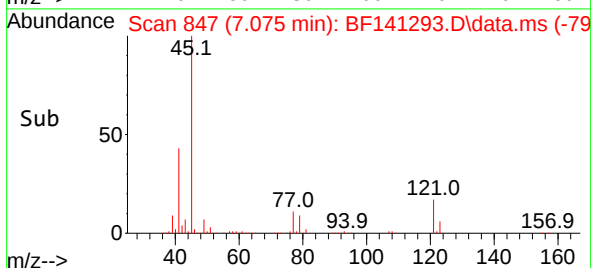
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

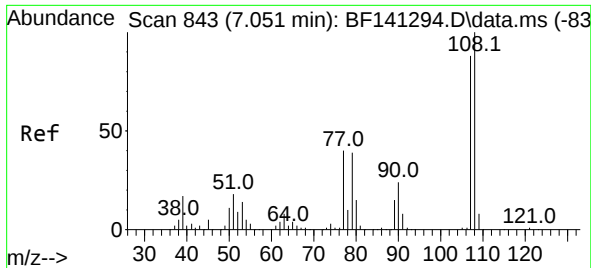


#16
2,2'-oxybis(1-Chloropropane)
Concen: 21.420 ng
RT: 7.075 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17



Tgt Ion: 45 Resp: 340590
Ion Ratio Lower Upper
45 100
77 11.5 0.0 31.8
79 9.1 0.0 29.1





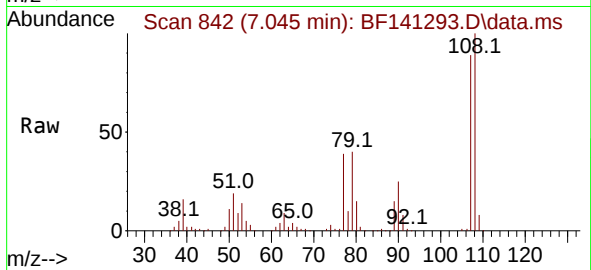
#17
2-Methylphenol
Concen: 21.525 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

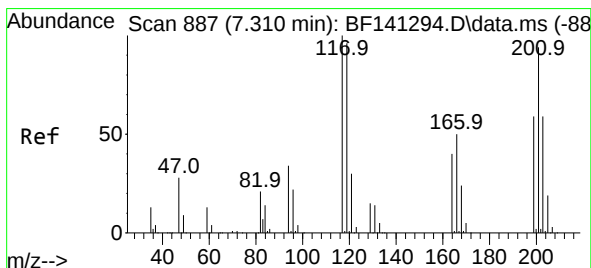
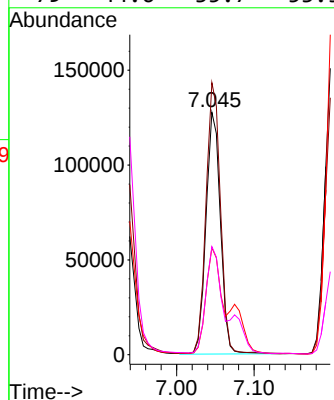


Tgt Ion:107 Resp: 16518
Ion Ratio Lower Upper
107 100
108 112.2 90.8 136.2
77 44.2 36.2 54.4
79 44.6 35.7 53.5

Manual Integrations

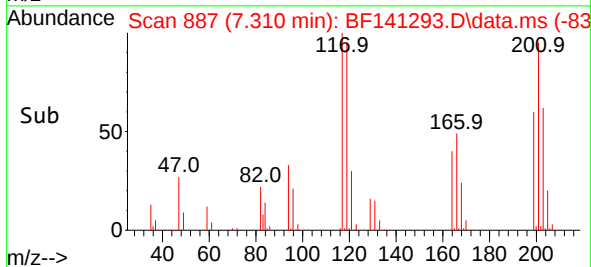
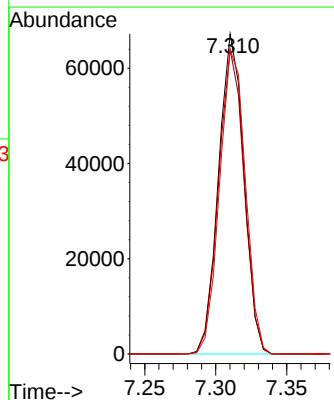
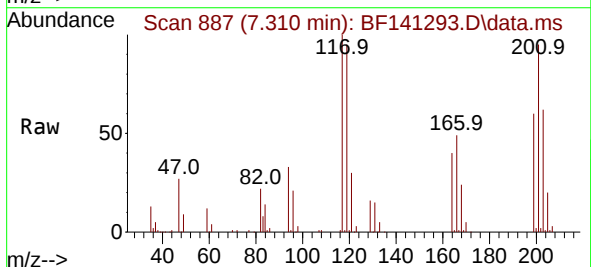
APPROVED

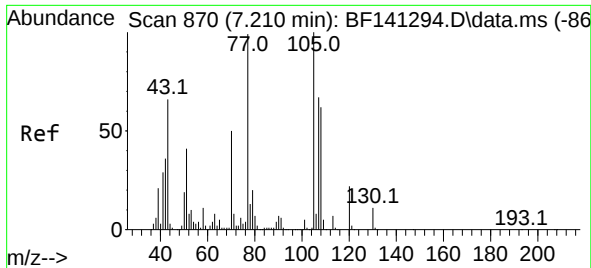
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#18
Hexachloroethane
Concen: 21.359 ng
RT: 7.310 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:117 Resp: 83193
Ion Ratio Lower Upper
117 100
119 95.2 76.6 114.8
201 95.1 74.8 112.2





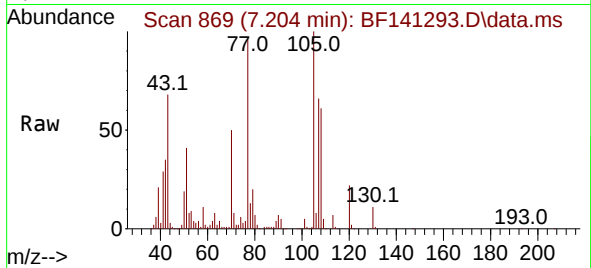
#19
n-Nitroso-di-n-propylamine
Concen: 21.058 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

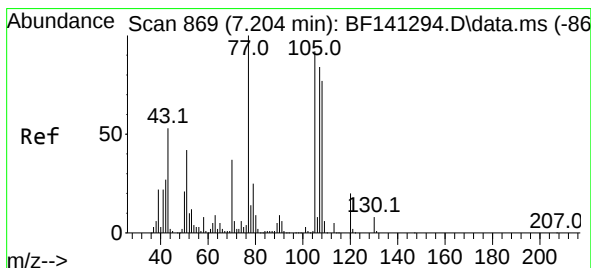
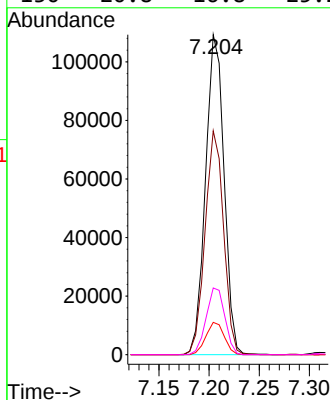
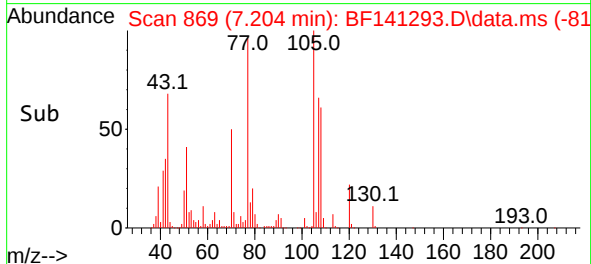


Tgt Ion: 70 Resp: 140874
Ion Ratio Lower Upper
70 100
42 69.9 56.8 85.2
101 10.1 7.7 11.5
130 20.8 16.8 25.2

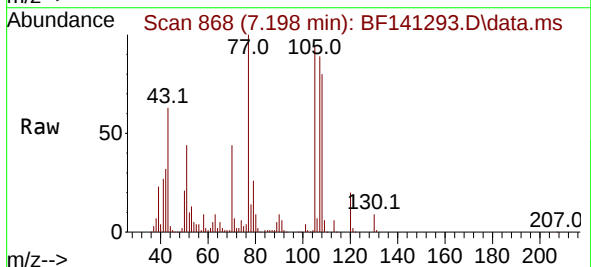
Manual Integrations

APPROVED

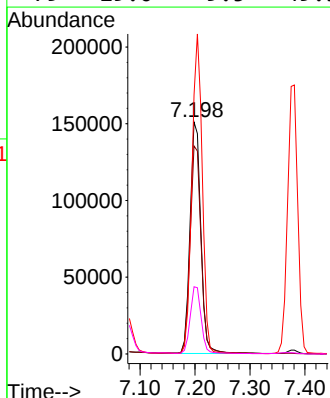
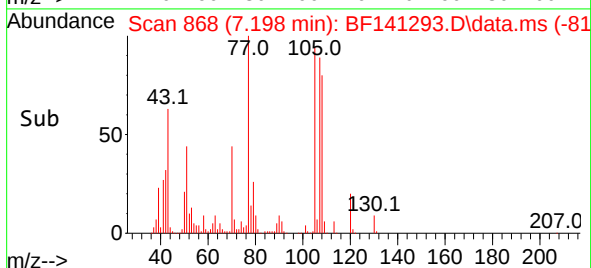
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

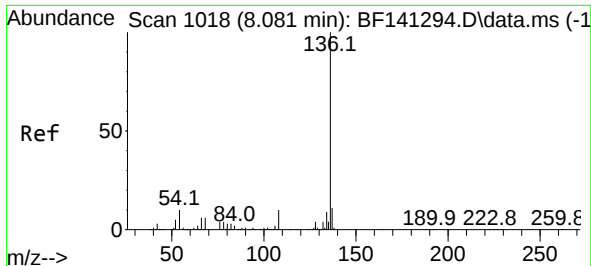


#20
3+4-Methylphenols
Concen: 21.734 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17



Tgt Ion:107 Resp: 205070
Ion Ratio Lower Upper
107 100
108 89.7 70.9 110.9
77 111.7 98.5 138.5
79 29.0 9.5 49.5





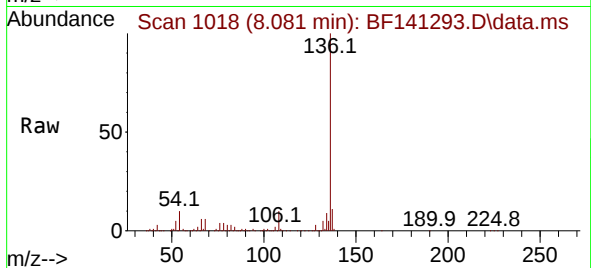
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



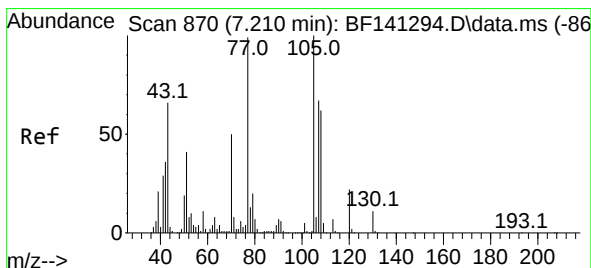
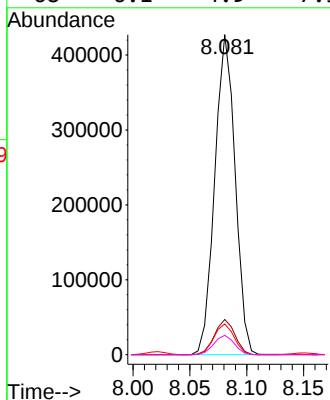
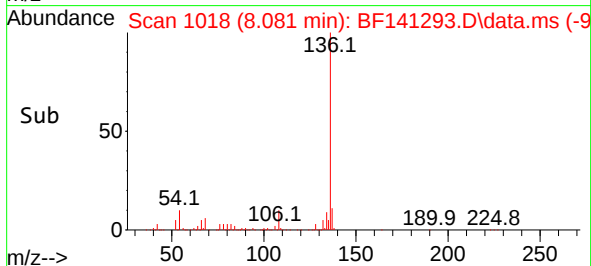
Tgt Ion:136 Resp: 532862
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.6 7.8 11.8
68 6.1 4.9 7.3

Manual Integrations

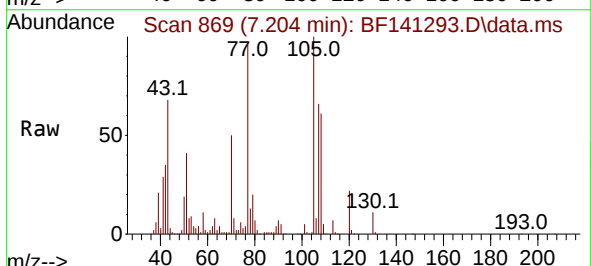
APPROVED

Reviewed By :Yogesh Patel 01/30/2025

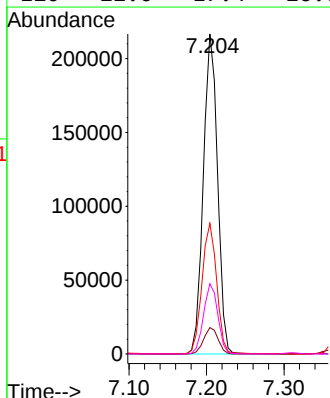
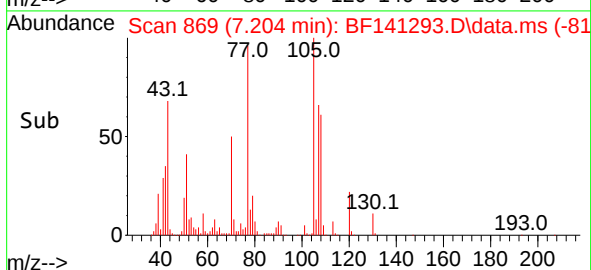
Supervised By :mohammad ahmed 02/04/2025

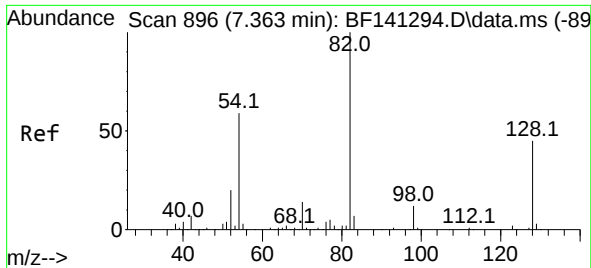


#22
Acetophenone
Concen: 21.825 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17



Tgt Ion:105 Resp: 275680
Ion Ratio Lower Upper
105 100
71 8.2 6.8 10.2
51 40.8 32.6 49.0
120 22.0 17.4 26.0





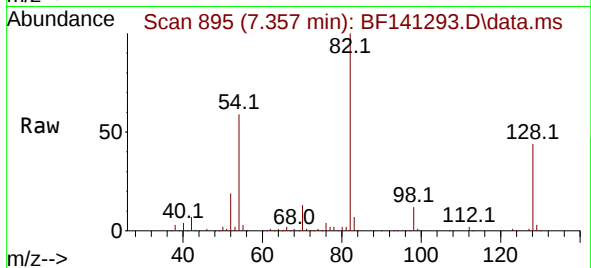
#23
Nitrobenzene-d5
Concen: 42.912 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

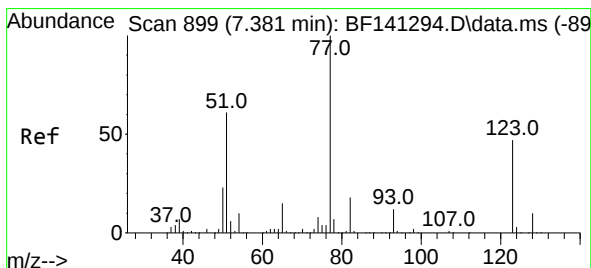
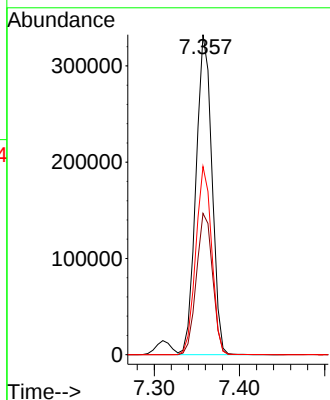
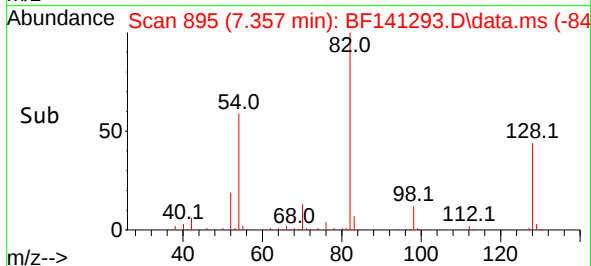


Tgt Ion: 82 Resp: 432160
Ion Ratio Lower Upper
82 100
128 44.2 35.7 53.5
54 58.8 47.1 70.7

Manual Integrations

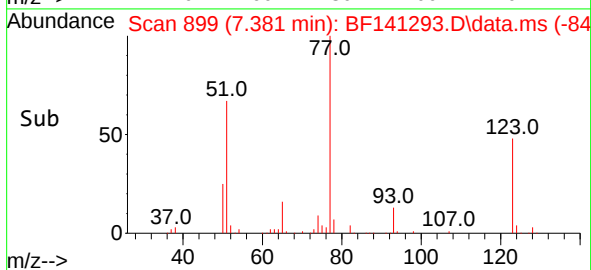
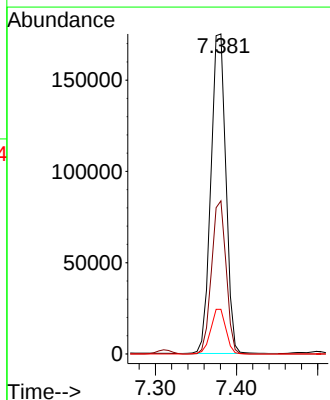
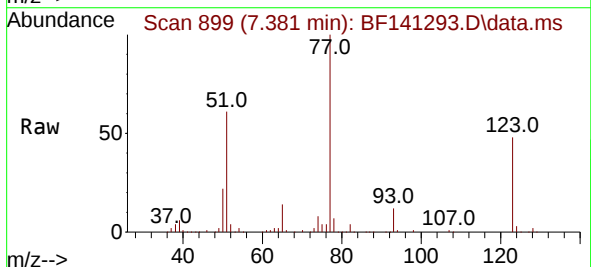
APPROVED

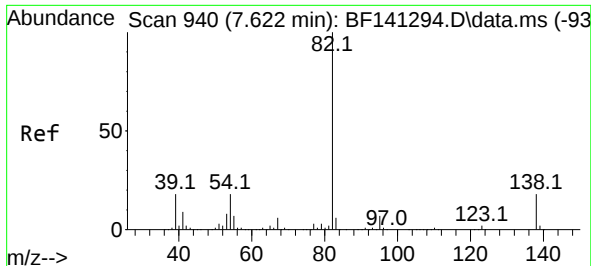
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#24
Nitrobenzene
Concen: 21.451 ng
RT: 7.381 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion: 77 Resp: 224061
Ion Ratio Lower Upper
77 100
123 47.8 37.3 55.9
65 13.9 11.8 17.6





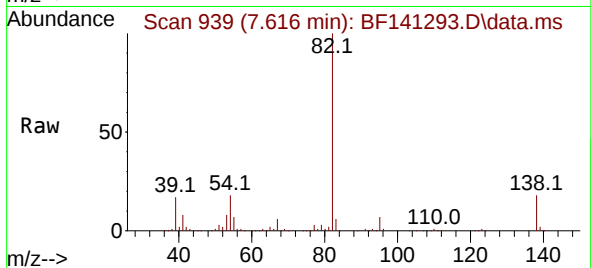
#25
Isophorone
Concen: 21.259 ng
RT: 7.616 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

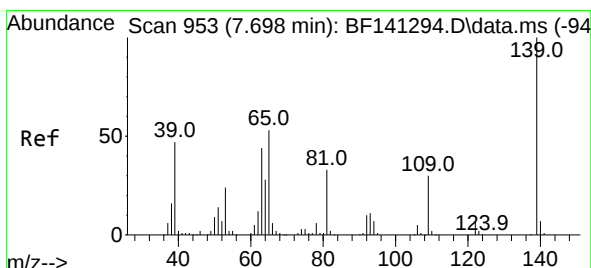
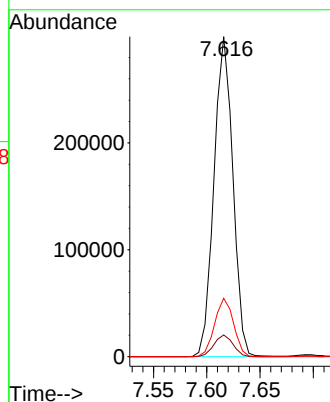
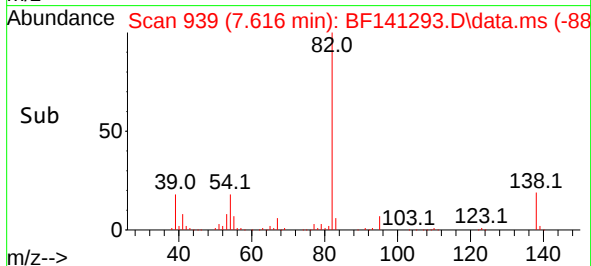


Tgt Ion: 82 Resp: 369998
Ion Ratio Lower Upper
82 100
95 6.8 5.8 8.6
138 18.2 14.7 22.1

Manual Integrations

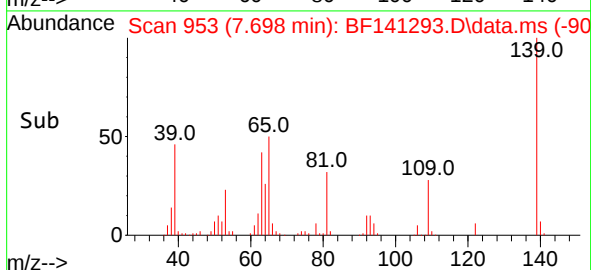
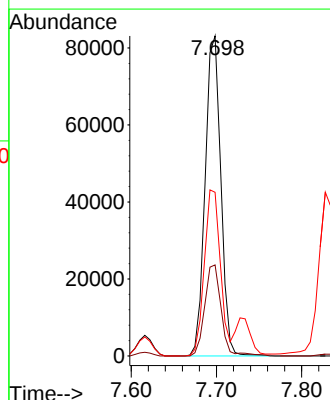
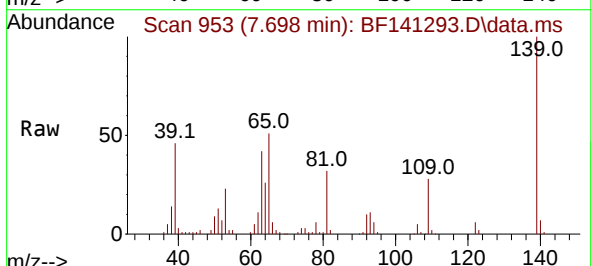
APPROVED

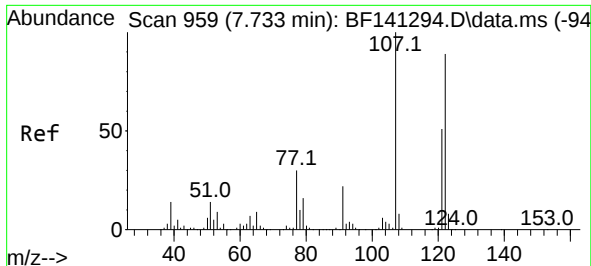
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#26
2-Nitrophenol
Concen: 21.725 ng
RT: 7.698 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:139 Resp: 106287
Ion Ratio Lower Upper
139 100
109 28.5 23.8 35.6
65 51.2 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 21.233 ng m

RT: 7.734 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF141293.D

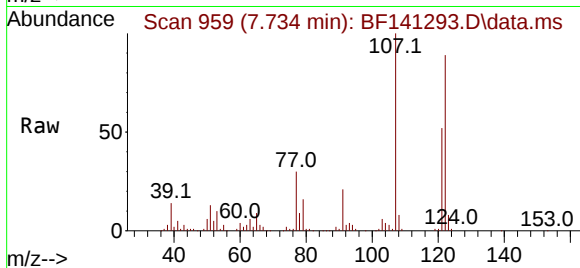
Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:122 Resp: 132748

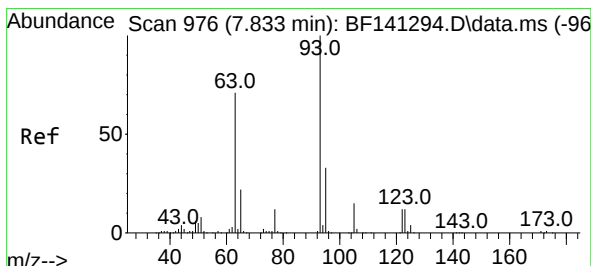
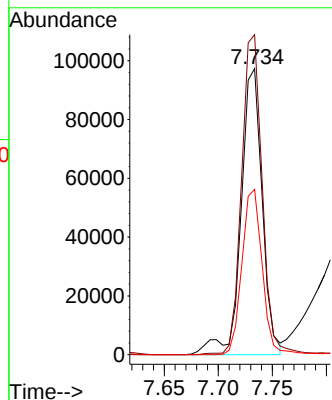
Ion	Ratio	Lower	Upper
122	100		
107	111.9	89.9	134.9
121	57.8	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#28

bis(2-Chloroethoxy)methane

Concen: 21.403 ng

RT: 7.828 min Scan# 975

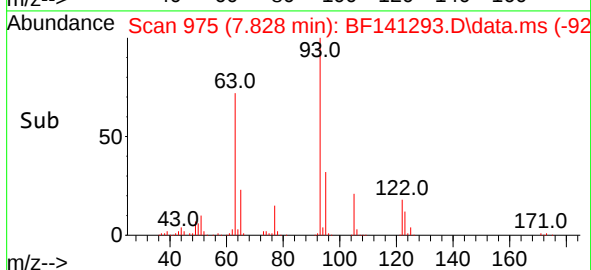
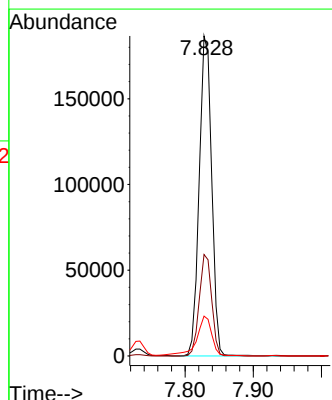
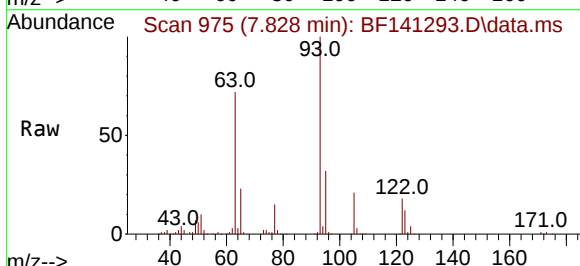
Delta R.T. -0.006 min

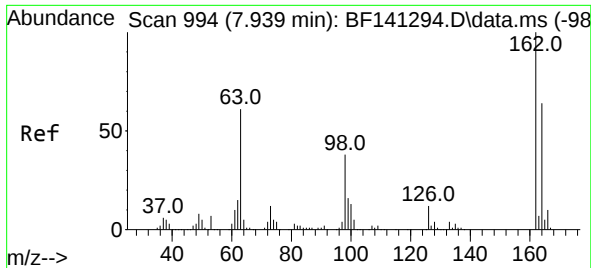
Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Tgt Ion: 93 Resp: 237369

Ion	Ratio	Lower	Upper
93	100		
95	31.7	26.2	39.2
123	12.5	10.2	15.4





#29

2,4-Dichlorophenol

Concen: 21.750 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141293.D

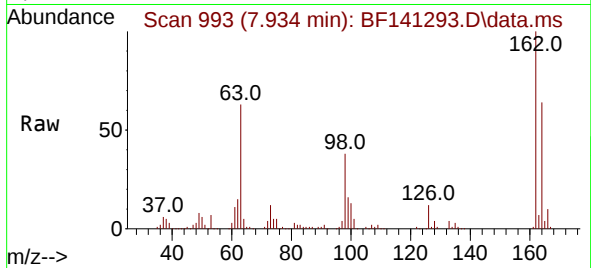
Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



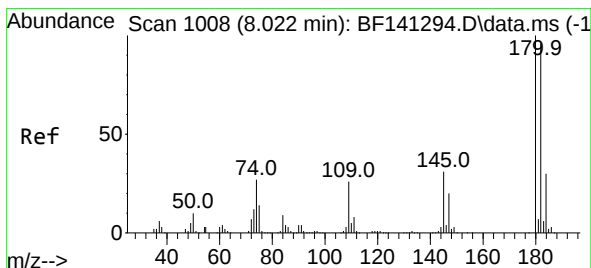
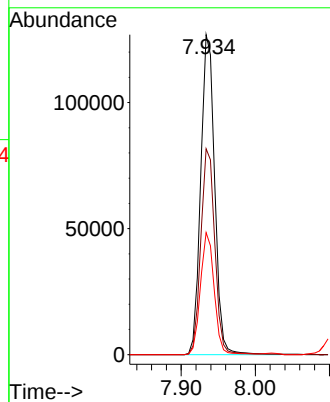
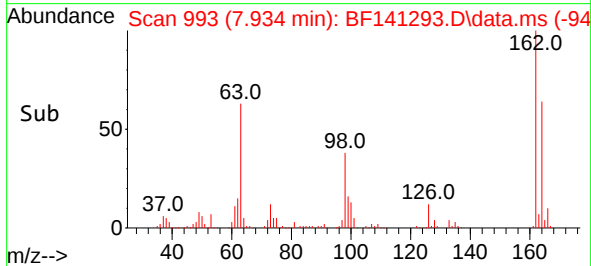
Tgt Ion:	162	Resp:	16615
Ion Ratio	Lower	Upper	
162	100		
164	64.4	44.2	84.2
98	38.1	18.2	58.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#30

1,2,4-Trichlorobenzene

Concen: 21.511 ng

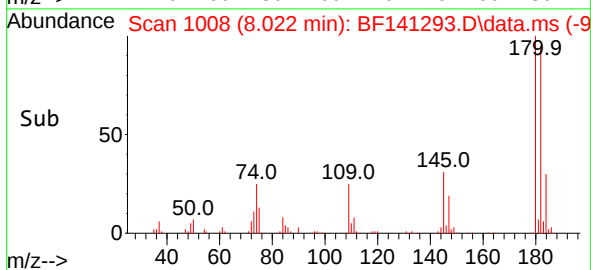
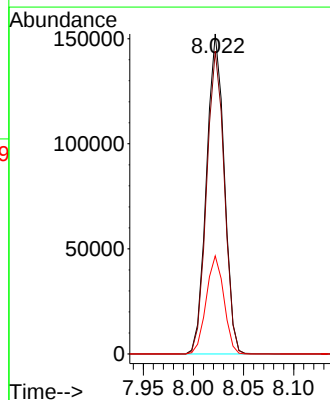
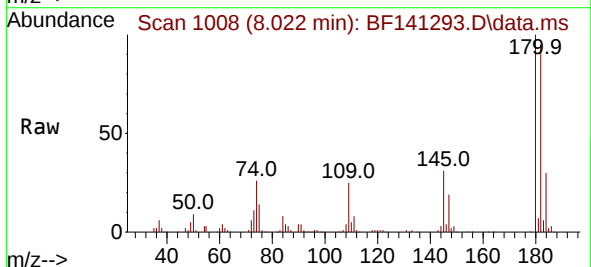
RT: 8.022 min Scan# 1008

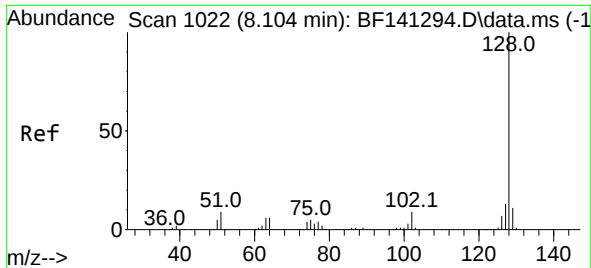
Delta R.T. 0.000 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

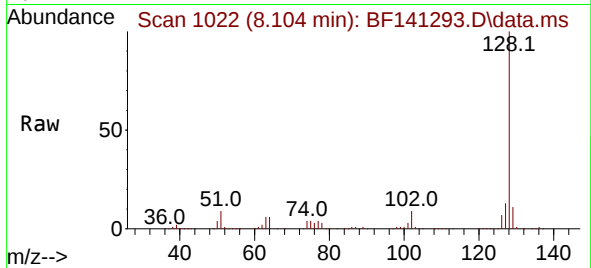
Tgt Ion:	180	Resp:	188468
Ion Ratio	Lower	Upper	
180	100		
182	94.7	76.4	114.6
145	30.6	24.9	37.3





#31
Naphthalene
Concen: 21.681 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

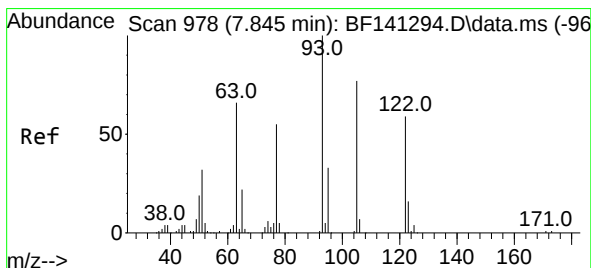
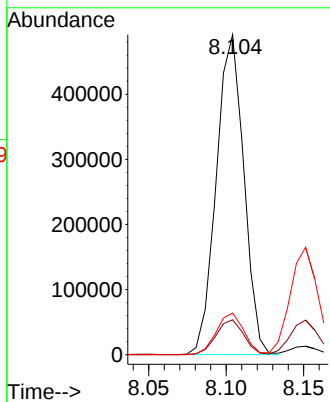
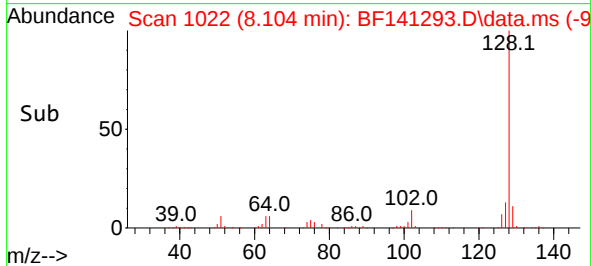
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:128 Resp: 60762
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.0 10.6 15.8

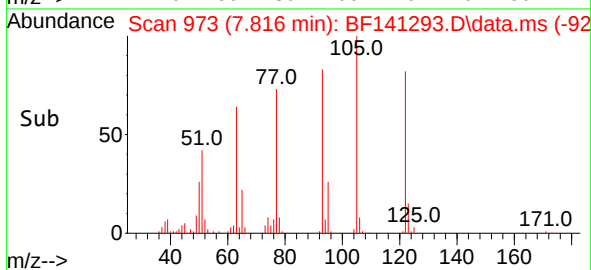
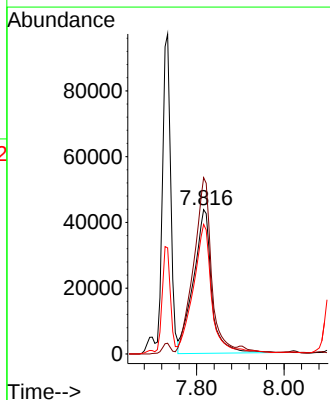
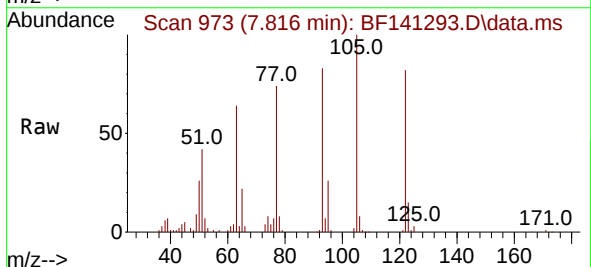
Manual Integrations
APPROVED

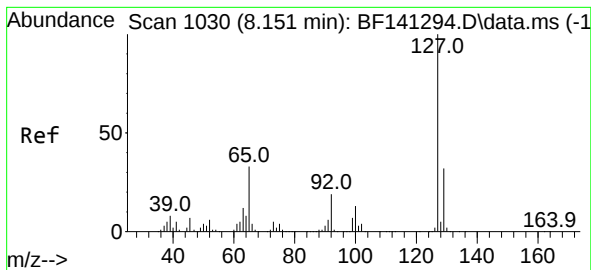
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#32
Benzoic acid
Concen: 22.321 ng
RT: 7.816 min Scan# 973
Delta R.T. -0.029 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:122 Resp: 126734
Ion Ratio Lower Upper
122 100
105 122.2 103.4 143.4
77 89.9 70.9 110.9





#33
4-Chloroaniline
Concen: 22.151 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

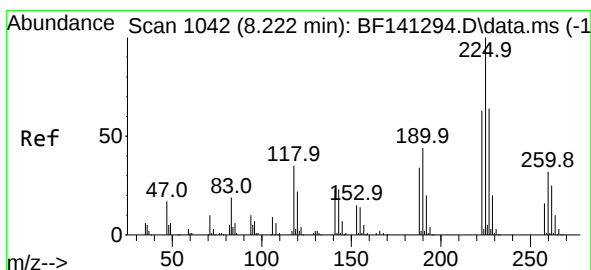
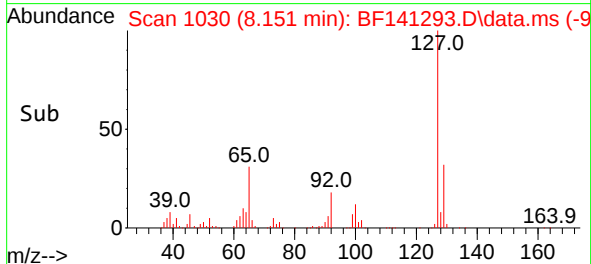
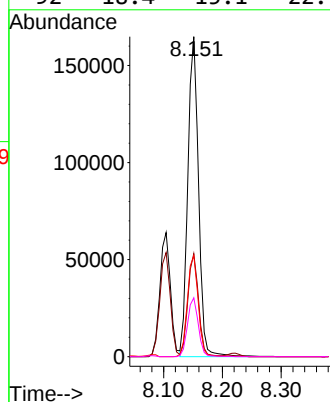
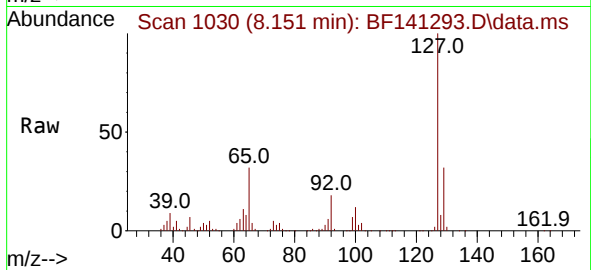
SSTDICC020

Tgt Ion:127 Resp: 20853
Ion Ratio Lower Upper
127 100
129 32.2 25.7 38.5
65 31.6 26.4 39.6
92 18.4 15.1 22.7

Manual Integrations

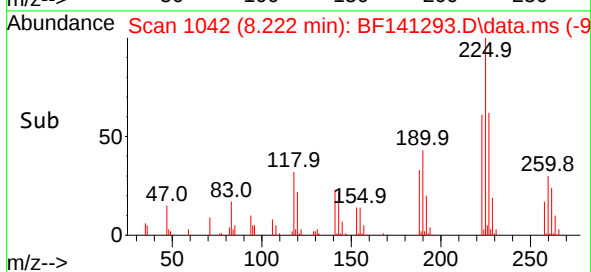
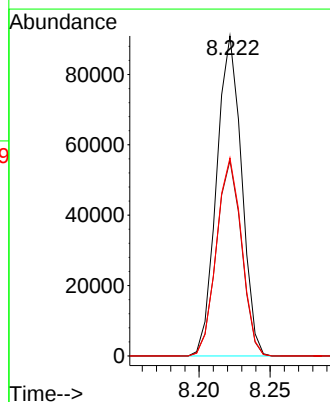
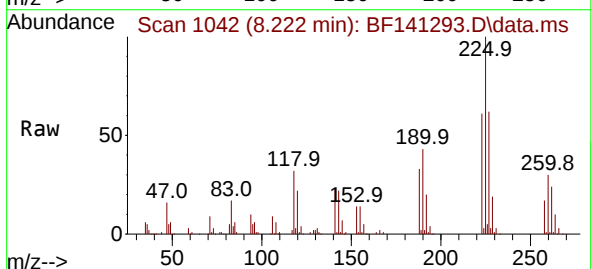
APPROVED

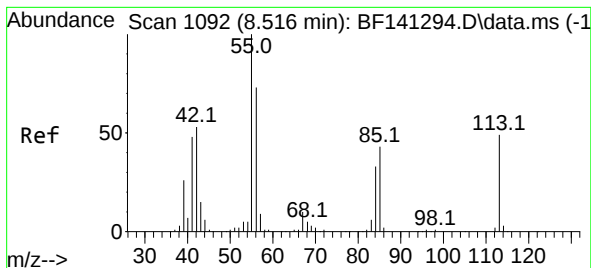
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#34
Hexachlorobutadiene
Concen: 21.699 ng
RT: 8.222 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:225 Resp: 111274
Ion Ratio Lower Upper
225 100
223 61.0 50.4 75.6
227 61.9 51.3 76.9





#35

Caprolactam

Concen: 21.968 ng

RT: 8.498 min Scan# 1092

Delta R.T. -0.018 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

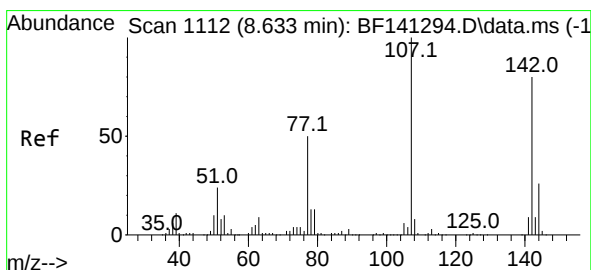
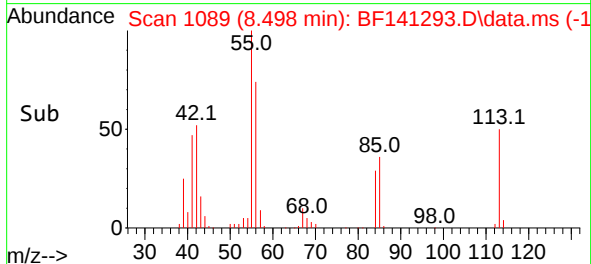
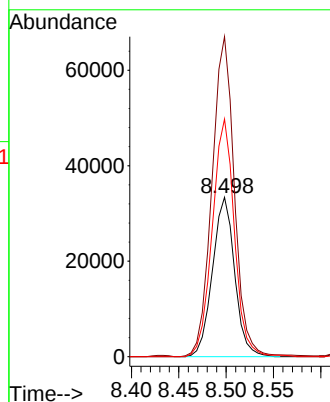
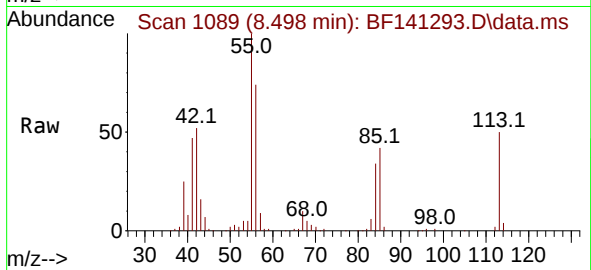
Tgt Ion:113 Resp: 54280
 Ion Ratio Lower Upper
 113 100
 55 200.9 182.9 222.9
 56 149.2 127.9 167.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#36

4-Chloro-3-methylphenol

Concen: 21.708 ng

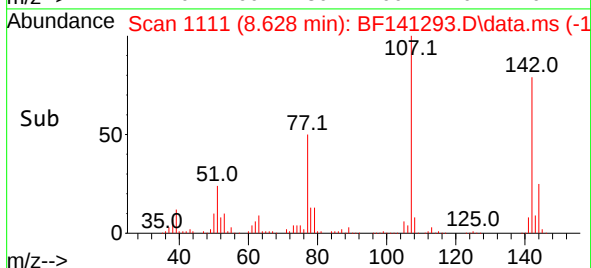
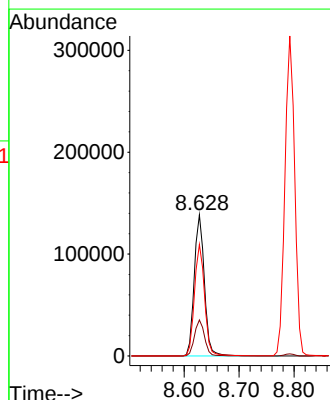
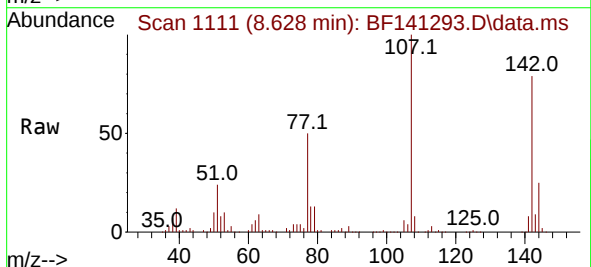
RT: 8.628 min Scan# 1111

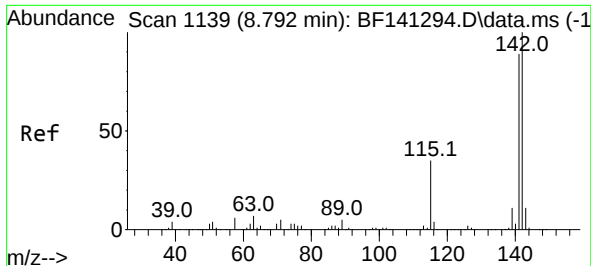
Delta R.T. -0.006 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Tgt Ion:107 Resp: 177981
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.7 31.1
 142 79.0 63.8 95.8





#37
2-Methylnaphthalene
Concen: 21.630 ng
RT: 8.792 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

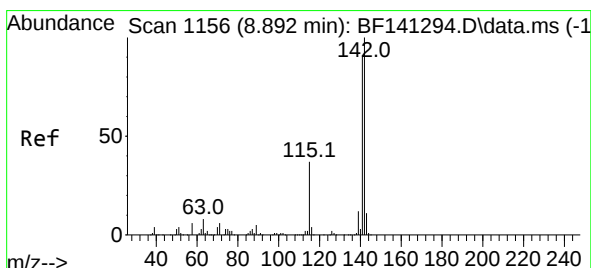
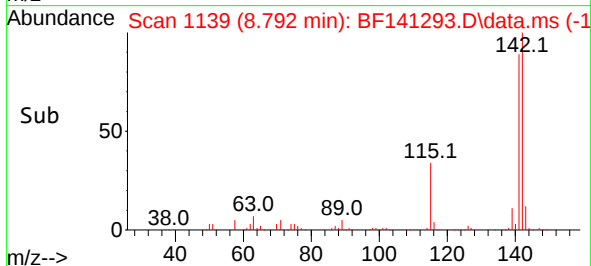
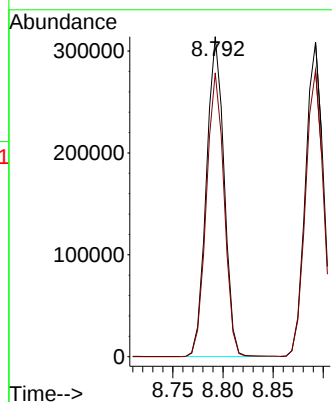
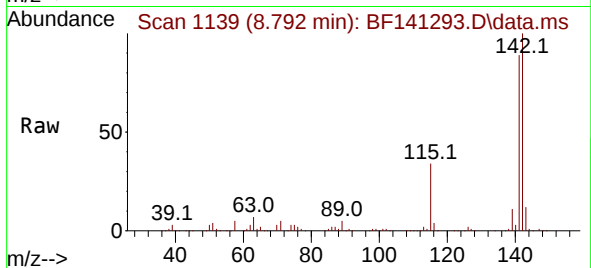
SSTDICC020

Tgt Ion:142 Resp: 38603
Ion Ratio Lower Upper
142 100
141 88.7 71.3 106.9

Manual Integrations

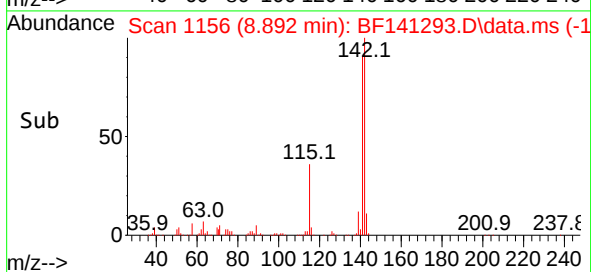
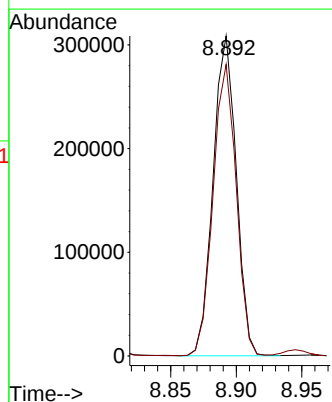
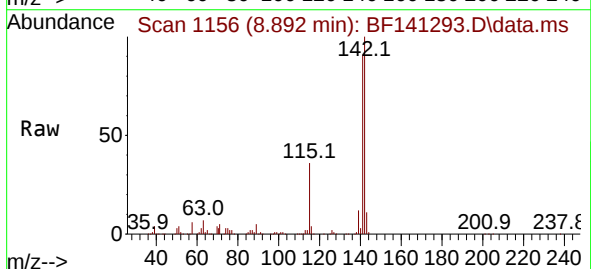
APPROVED

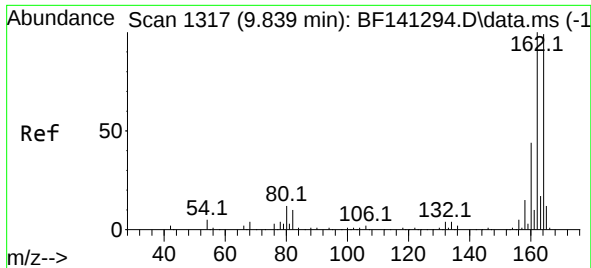
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#38
1-Methylnaphthalene
Concen: 21.671 ng
RT: 8.892 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:142 Resp: 378878
Ion Ratio Lower Upper
142 100
141 91.1 73.2 109.8





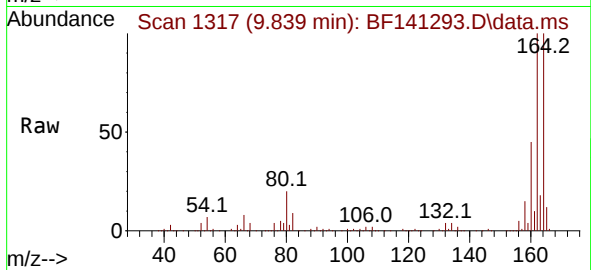
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

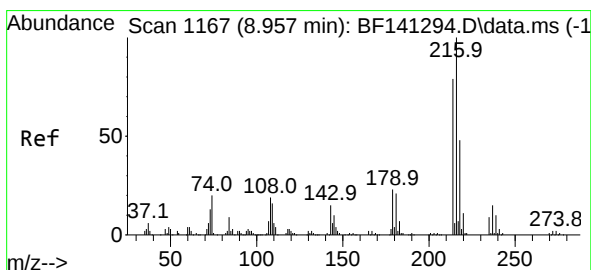
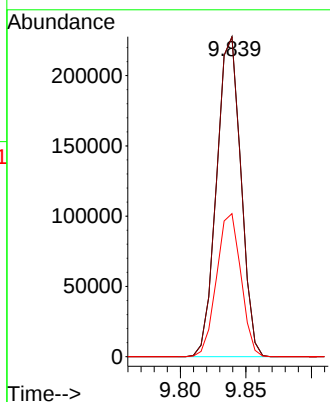
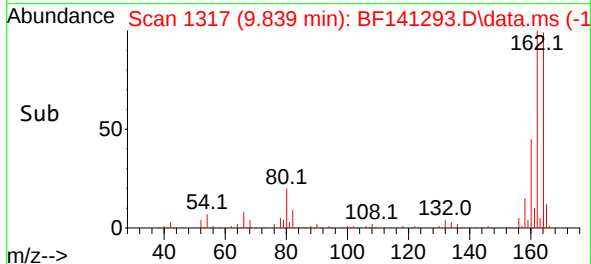


Tgt Ion:164 Resp: 293084
Ion Ratio Lower Upper
164 100
162 99.8 80.6 121.0
160 44.7 35.8 53.6

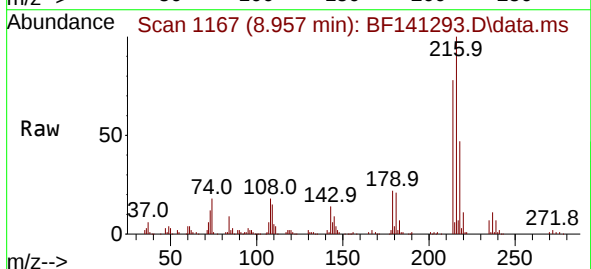
Manual Integrations

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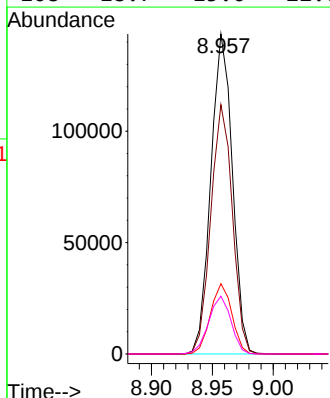
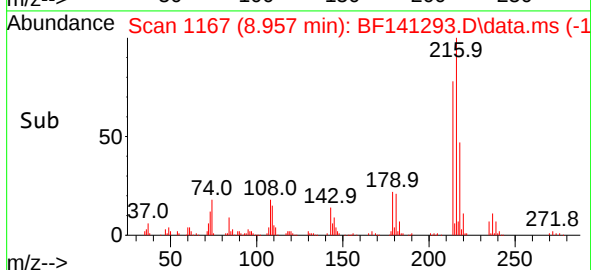
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

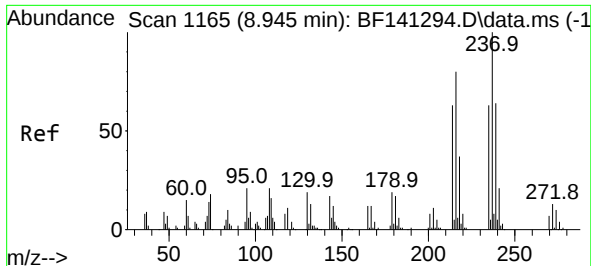


#40
1,2,4,5-Tetrachlorobenzene
Concen: 21.209 ng
RT: 8.957 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17



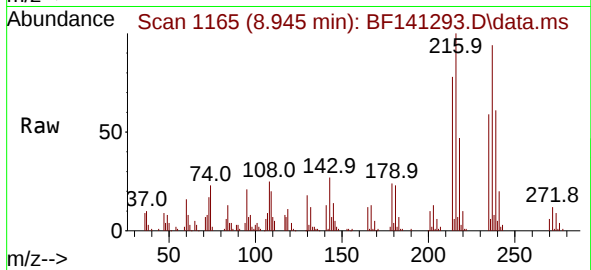
Tgt Ion:216 Resp: 176736
Ion Ratio Lower Upper
216 100
214 77.9 63.2 94.8
179 21.9 17.8 26.8
108 18.7 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 20.438 ng
RT: 8.945 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

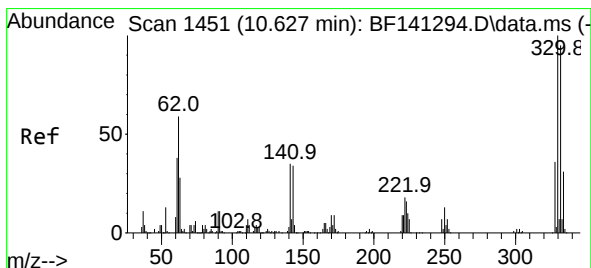
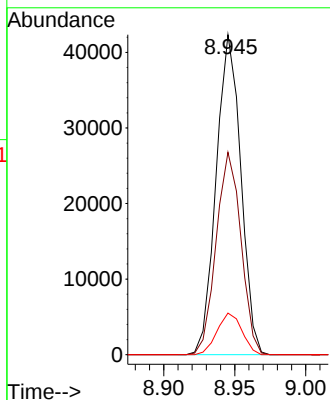
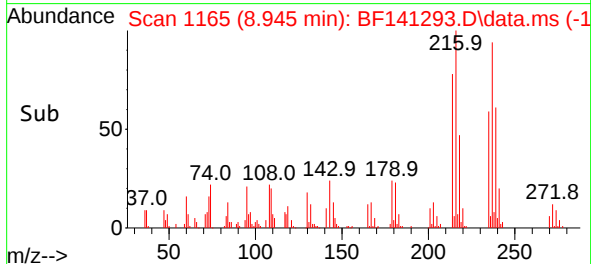
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



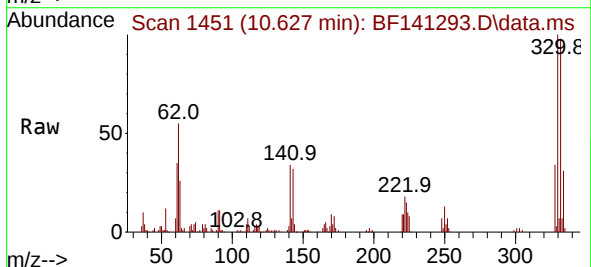
Tgt Ion:237 Resp: 5111
Ion Ratio Lower Upper
237 100
235 63.3 42.9 82.9
272 13.0 0.0 32.8

Manual Integrations
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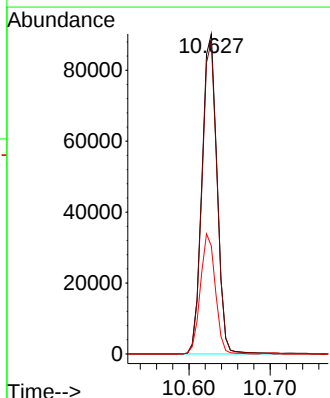
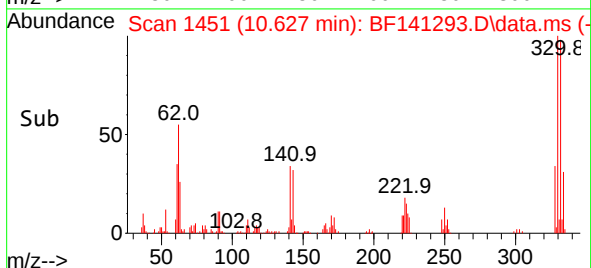
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

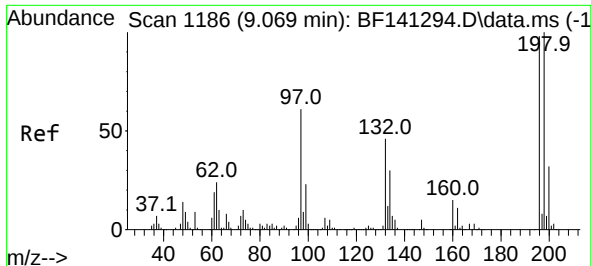


#42
2,4,6-Tribromophenol
Concen: 43.498 ng
RT: 10.627 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17



Tgt Ion:330 Resp: 116167
Ion Ratio Lower Upper
330 100
332 97.4 76.1 114.1
141 37.2 28.8 43.2





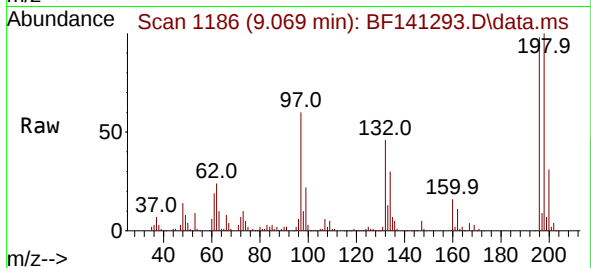
#43
2,4,6-Trichlorophenol
Concen: 21.029 ng
RT: 9.069 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

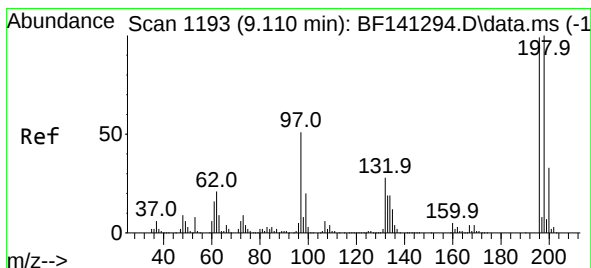
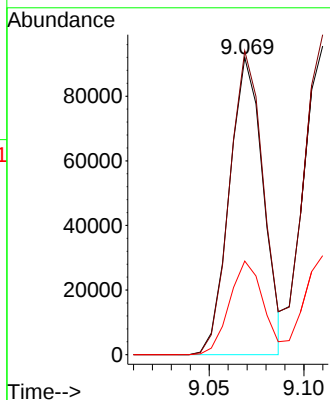
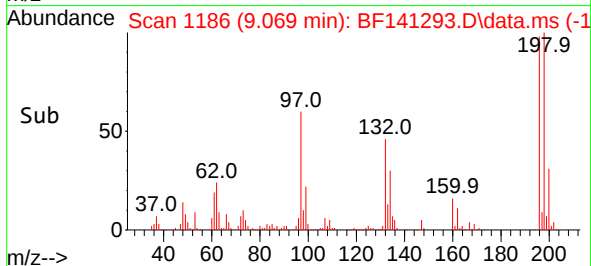


Tgt Ion:196 Resp: 114390
Ion Ratio Lower Upper
196 100
198 102.3 81.8 122.6
200 31.5 26.3 39.5

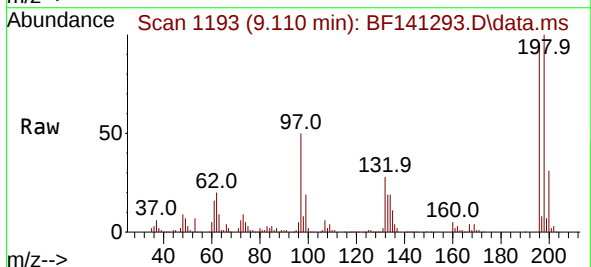
Manual Integrations

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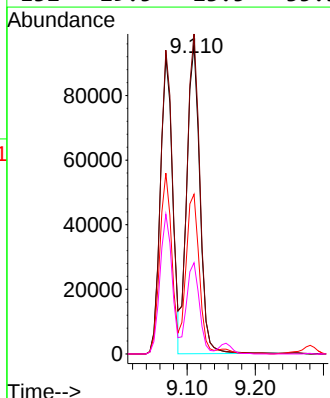
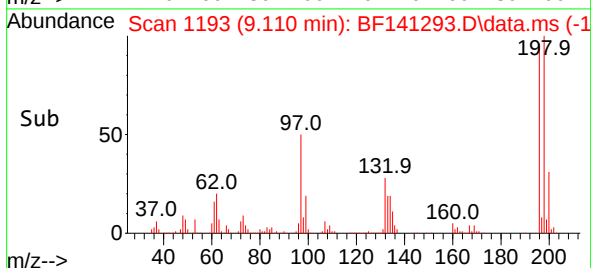
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

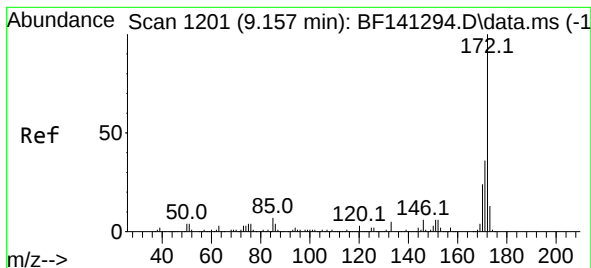


#44
2,4,5-Trichlorophenol
Concen: 21.245 ng
RT: 9.110 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17



Tgt Ion:196 Resp: 125725
Ion Ratio Lower Upper
196 100
198 103.7 80.5 120.7
97 51.8 42.8 64.2
132 29.5 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 43.127 ng

RT: 9.157 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:172 Resp: 81937

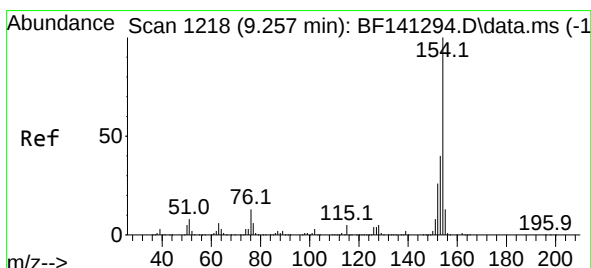
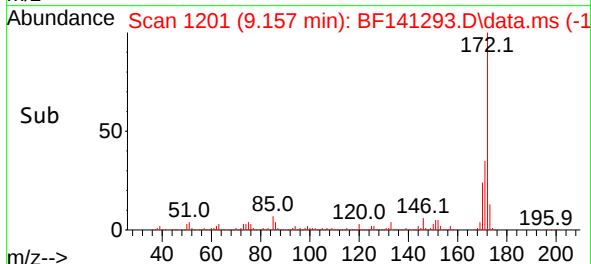
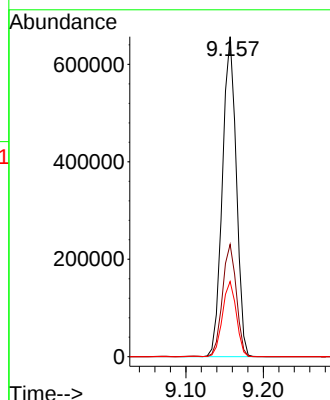
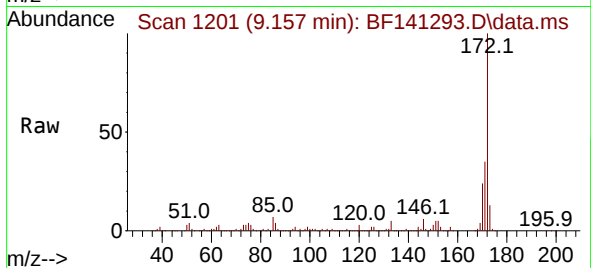
Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.8	43.2
170	23.5	19.0	28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#46

1,1'-Biphenyl

Concen: 21.145 ng

RT: 9.257 min Scan# 1218

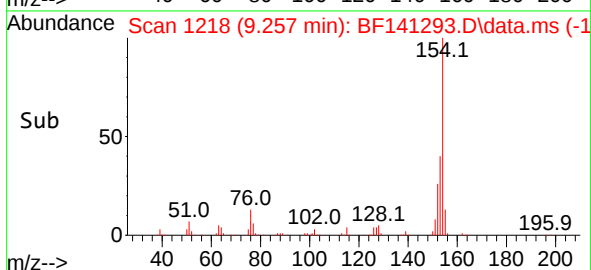
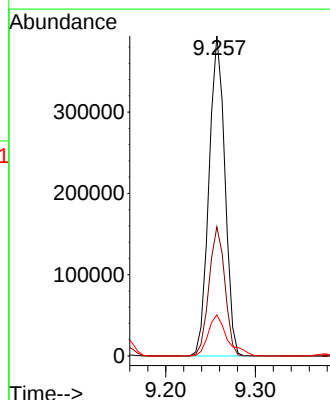
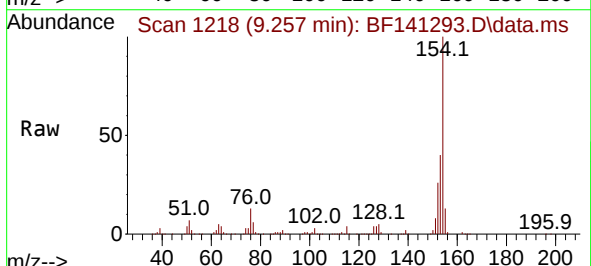
Delta R.T. 0.000 min

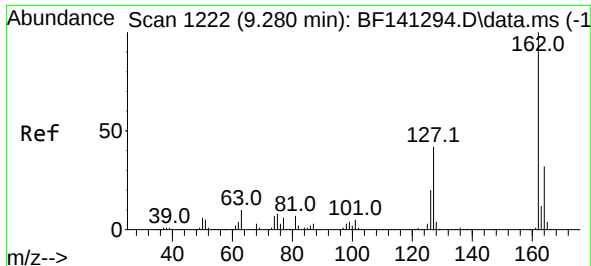
Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Tgt Ion:154 Resp: 483479

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.0	60.0
76	12.8	0.0	32.8





#47

2-Chloronaphthalene

Concen: 21.282 ng

RT: 9.281 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BF141293.D

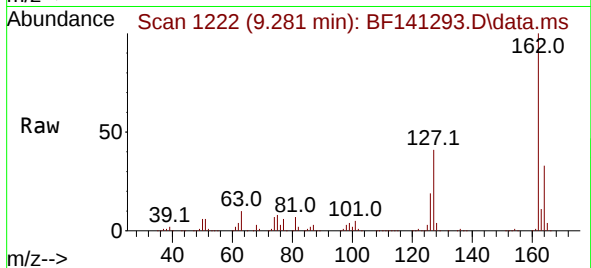
Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



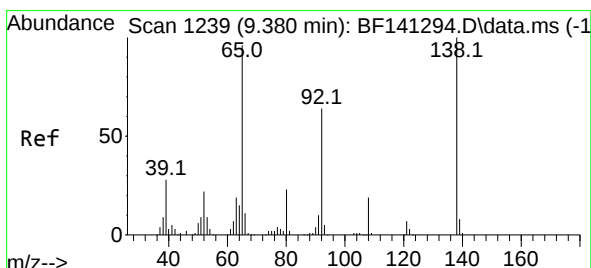
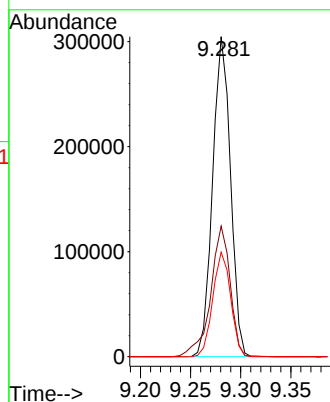
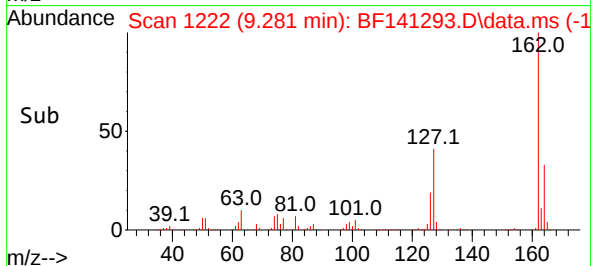
Tgt Ion:	162	Resp:	377940
Ion Ratio	Lower	Upper	
162	100		
127	40.8	33.7	50.5
164	32.7	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#48

2-Nitroaniline

Concen: 21.310 ng

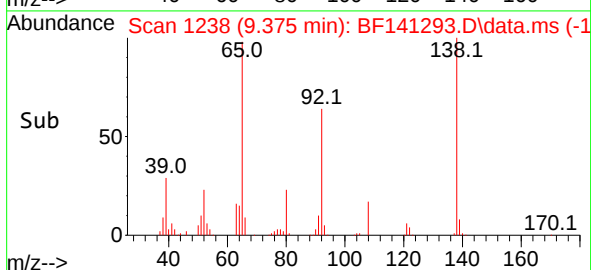
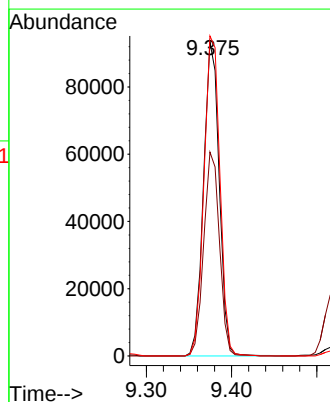
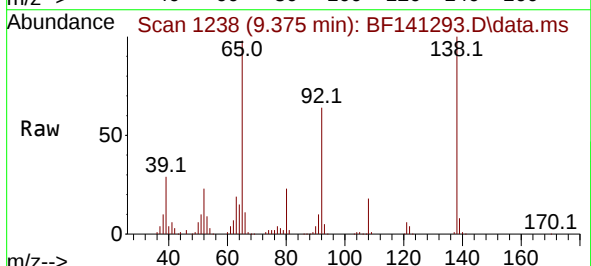
RT: 9.375 min Scan# 1238

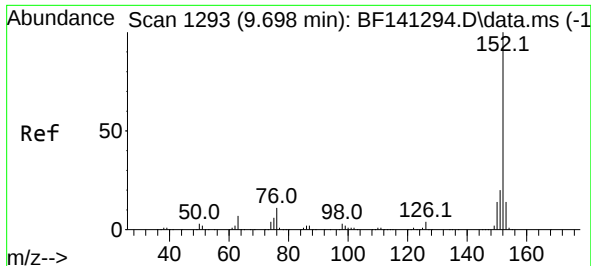
Delta R.T. -0.006 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

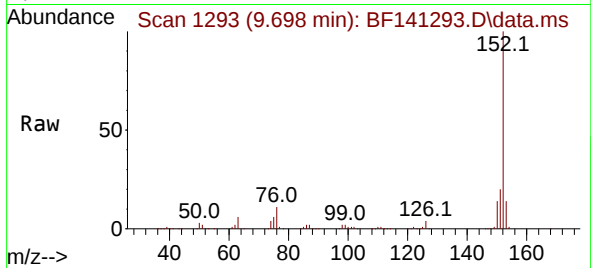
Tgt Ion:	65	Resp:	119359
Ion Ratio	Lower	Upper	
65	100		
92	64.9	53.3	79.9
138	102.0	83.6	125.4





#49
Acenaphthylene
Concen: 21.328 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

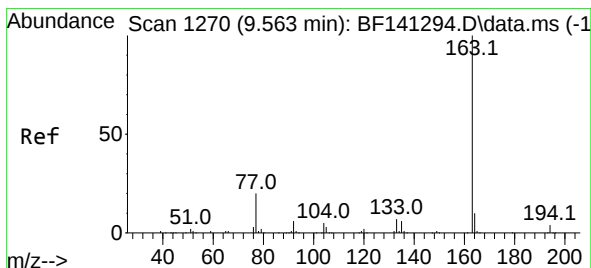
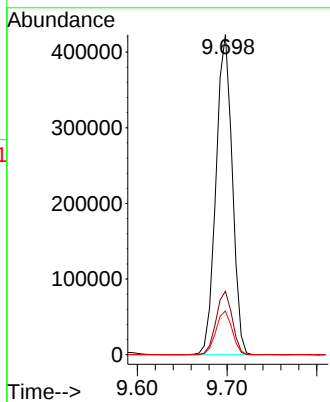
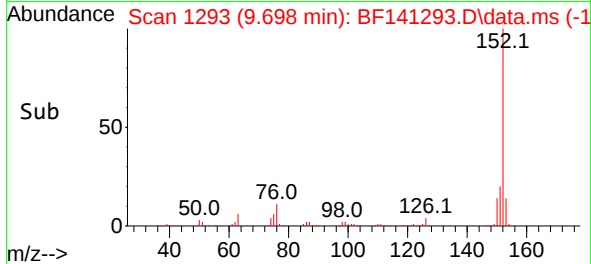
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



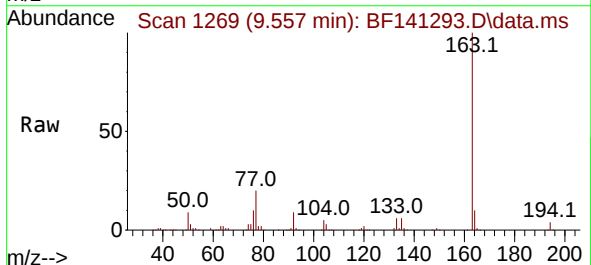
Tgt Ion:152 Resp: 53195
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 13.7 11.0 16.6

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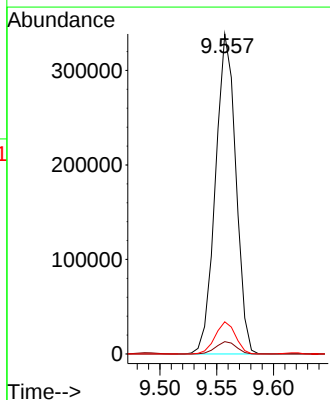
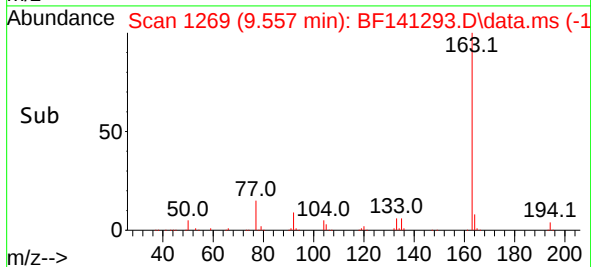
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

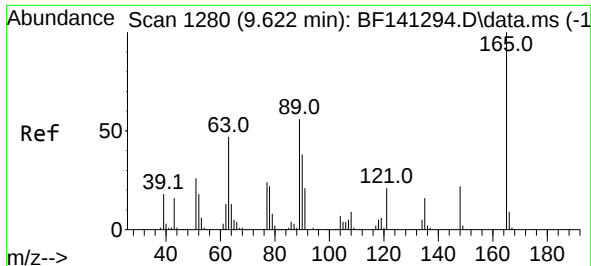


#50
Dimethylphthalate
Concen: 21.542 ng
RT: 9.557 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17



Tgt Ion:163 Resp: 423377
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.0 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 21.345 ng
RT: 9.622 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

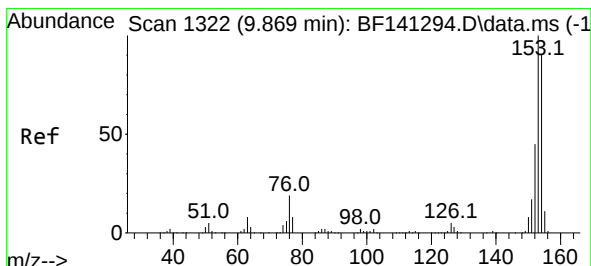
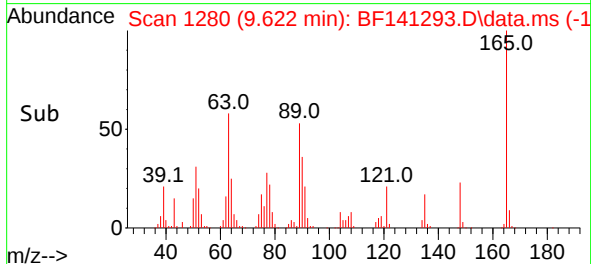
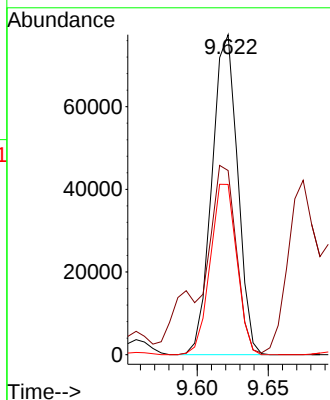
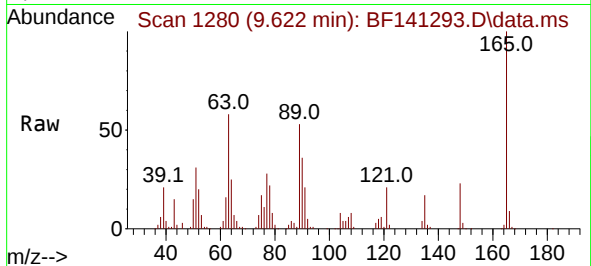
ClientSampleId :

SSTDICC020

Tgt Ion:165 Resp: 9762
Ion Ratio Lower Upper
165 100
63 57.6 48.1 72.1
89 53.2 44.9 67.3

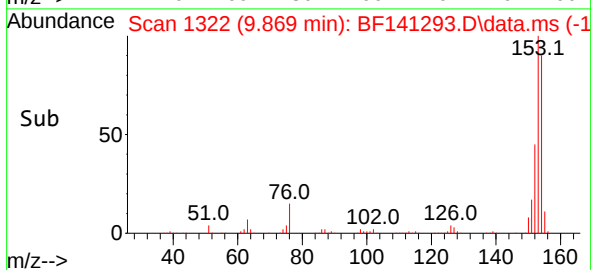
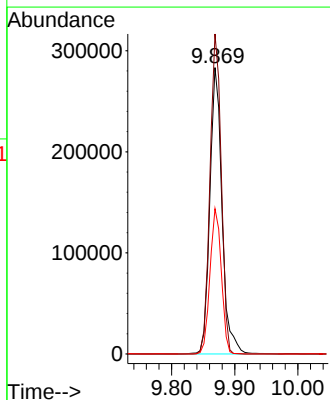
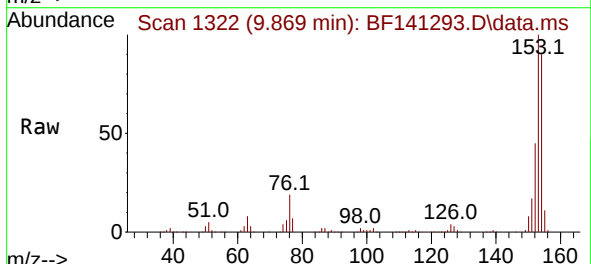
Manual Integrations
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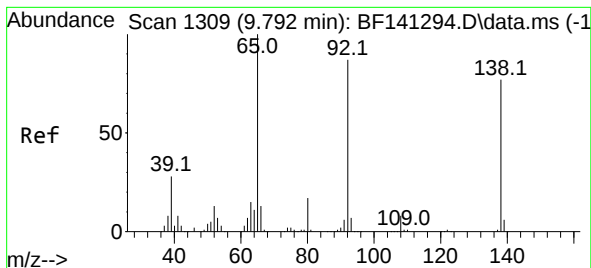
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#52
Acenaphthene
Concen: 21.328 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:154 Resp: 378511
Ion Ratio Lower Upper
154 100
153 111.7 89.0 133.4
152 50.7 40.2 60.4





#53

3-Nitroaniline

Concen: 22.123 ng

RT: 9.786 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

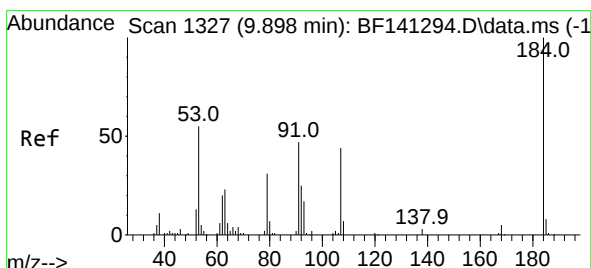
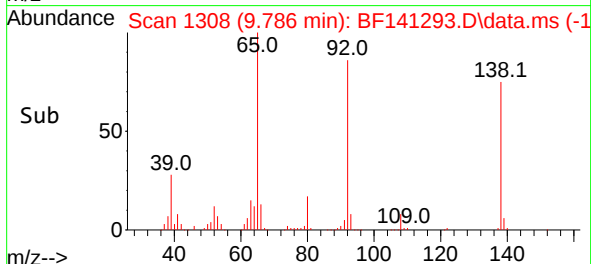
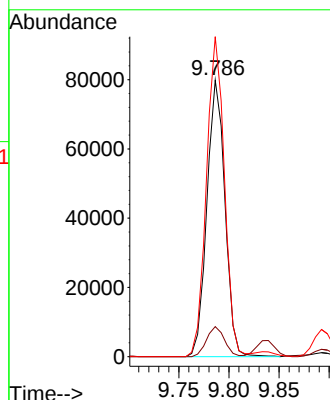
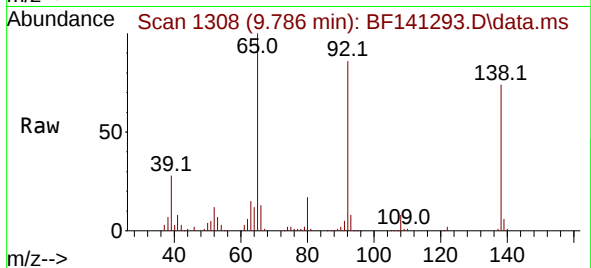
ClientSampleId :

SSTDICC020

Tgt Ion:138 Resp: 100085
 Ion Ratio Lower Upper
 138 100
 108 10.9 8.6 12.8
 92 115.8 91.0 136.6

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 APPROVED

Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :mohammad ahmed 02/04/2025



#54

2,4-Dinitrophenol

Concen: 18.557 ng

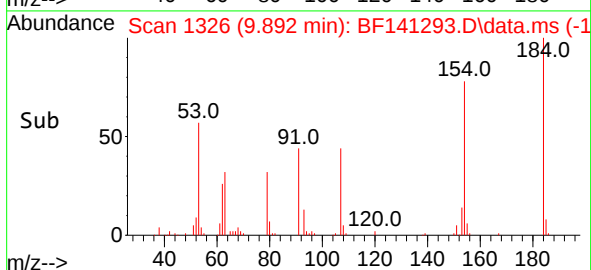
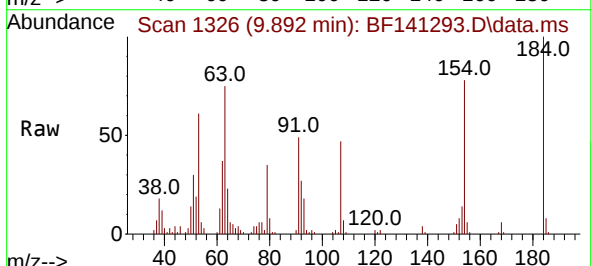
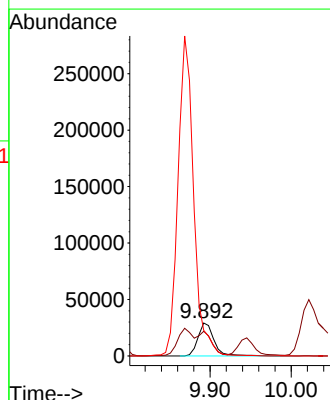
RT: 9.892 min Scan# 1326

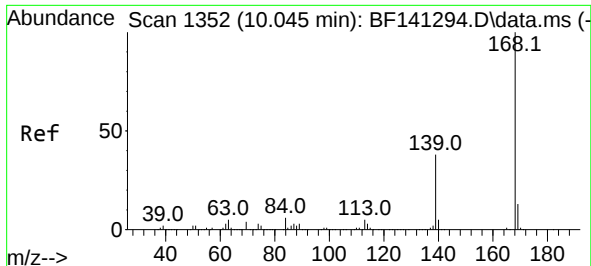
Delta R.T. -0.006 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Tgt Ion:184 Resp: 40003
 Ion Ratio Lower Upper
 184 100
 63 75.1 54.1 81.1
 154 78.0 50.7 76.1#





#55
Dibenzenofuran
Concen: 21.665 ng
RT: 10.039 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

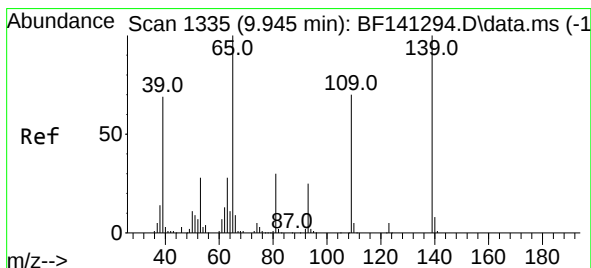
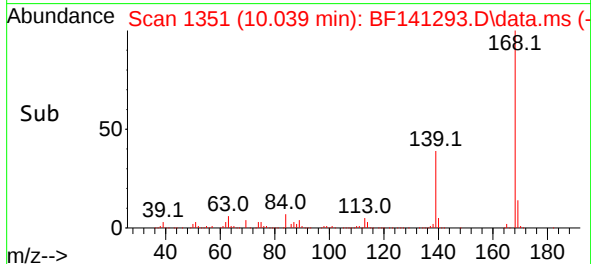
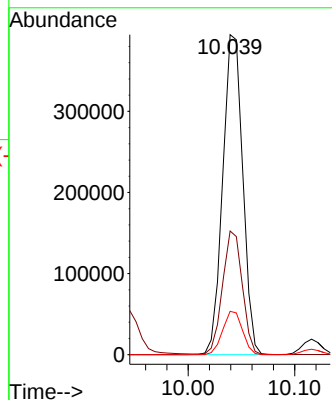
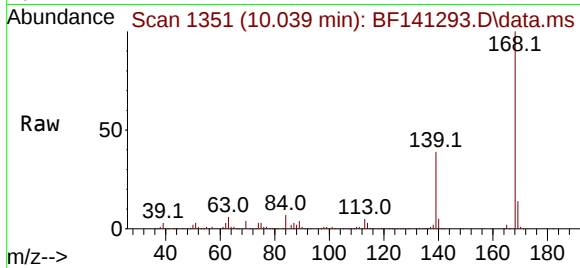
ClientSampleId :

SSTDICC020

Tgt Ion:168 Resp: 51422
Ion Ratio Lower Upper
168 100
139 38.7 30.6 46.0
169 13.5 10.8 16.2

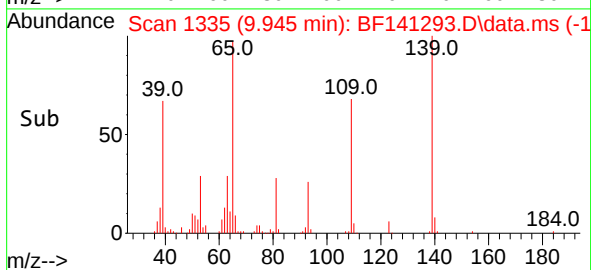
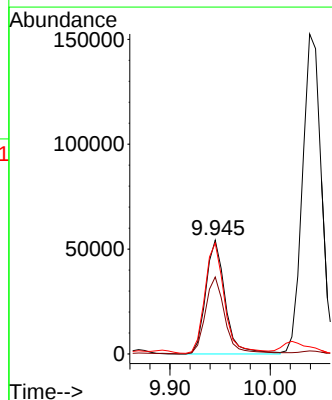
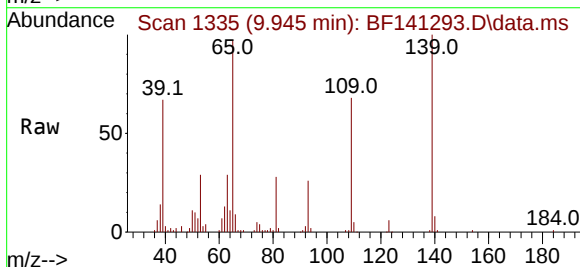
Manual Integrations
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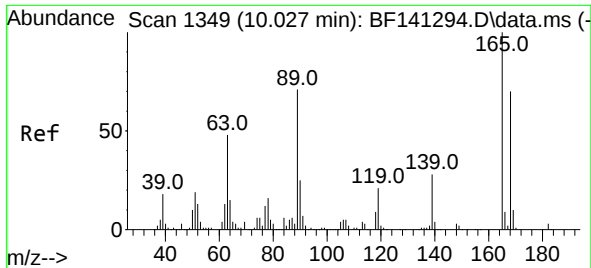
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#56
4-Nitrophenol
Concen: 22.607 ng
RT: 9.945 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:139 Resp: 73425
Ion Ratio Lower Upper
139 100
109 67.7 50.2 90.2
65 97.5 80.6 120.6





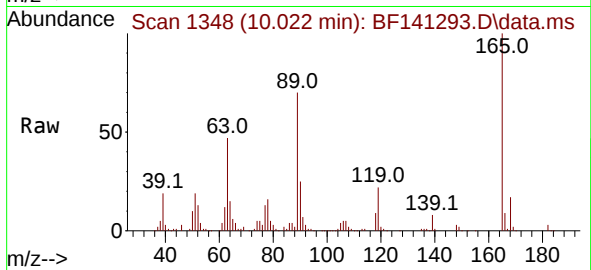
#57
2,4-Dinitrotoluene
Concen: 22.027 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

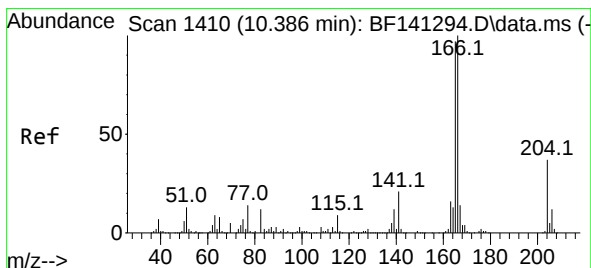
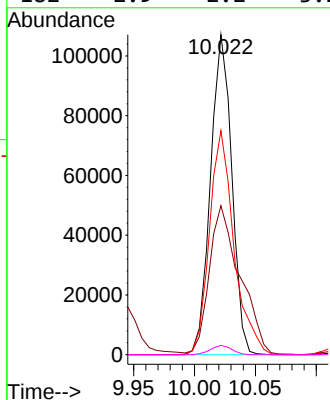
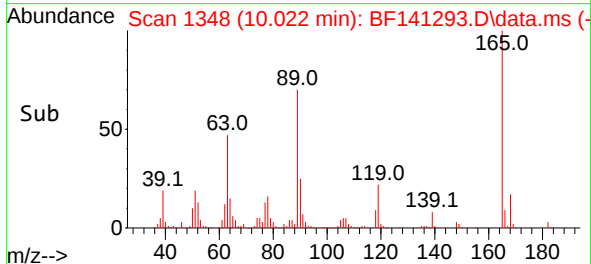


Tgt Ion:165 Resp: 12994
Ion Ratio Lower Upper
165 100
63 46.6 39.2 58.8
89 70.0 56.9 85.3
182 2.9 2.2 3.2

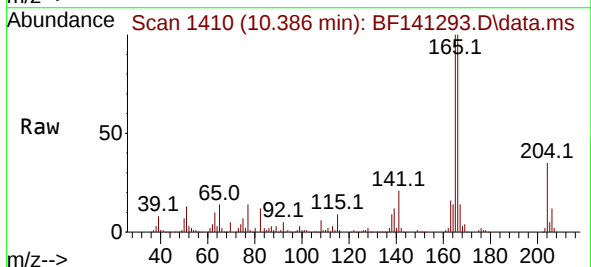
Manual Integrations

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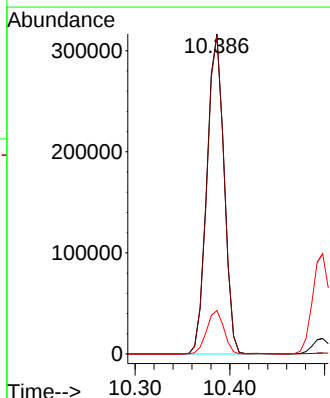
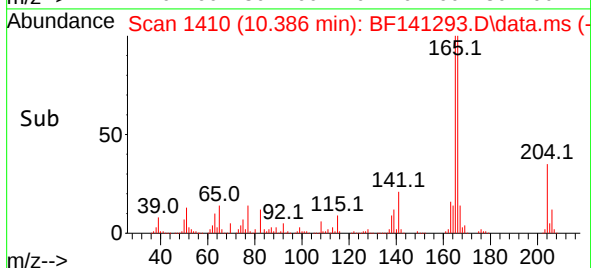
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

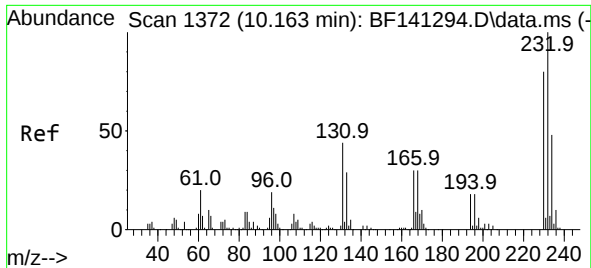


#58
Fluorene
Concen: 21.488 ng
RT: 10.386 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17



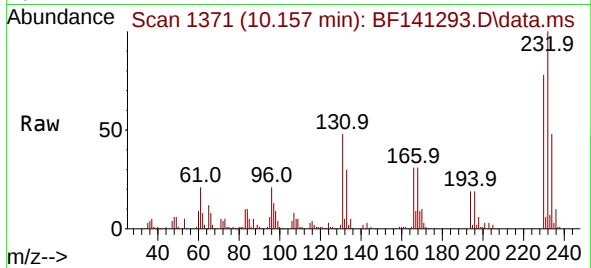
Tgt Ion:166 Resp: 396520
Ion Ratio Lower Upper
166 100
165 99.5 77.5 116.3
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 21.354 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

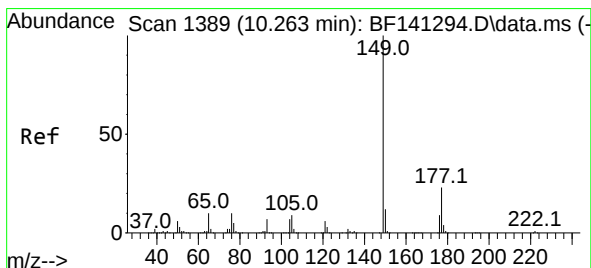
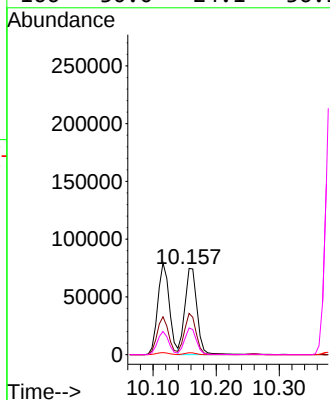
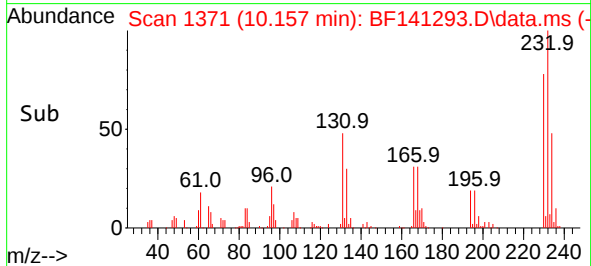
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:232 Resp: 9984
Ion Ratio Lower Upper
232 100
131 46.1 36.4 54.6
130 2.0 1.9 2.9
166 30.0 24.1 36.1

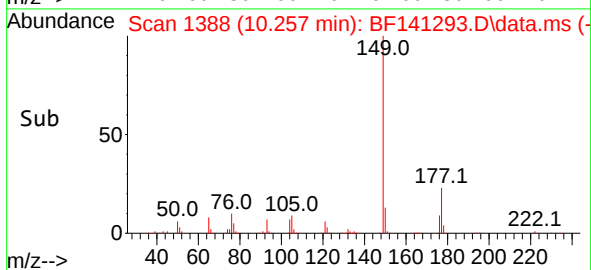
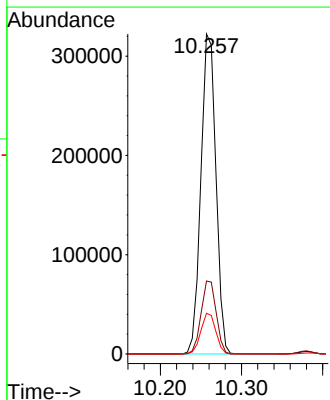
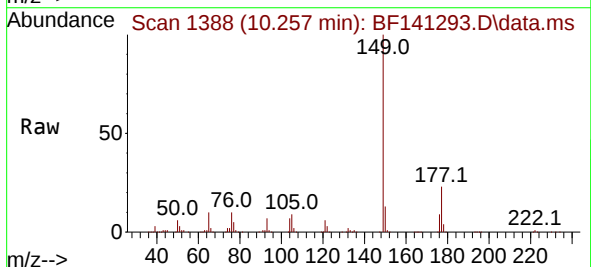
Manual Integrations
APPROVED

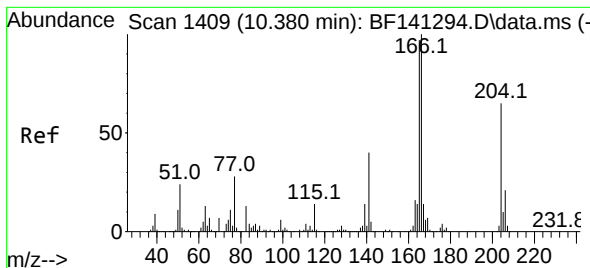
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#60
Diethylphthalate
Concen: 21.745 ng
RT: 10.257 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:149 Resp: 413889
Ion Ratio Lower Upper
149 100
177 22.8 18.5 27.7
150 12.7 10.0 15.0





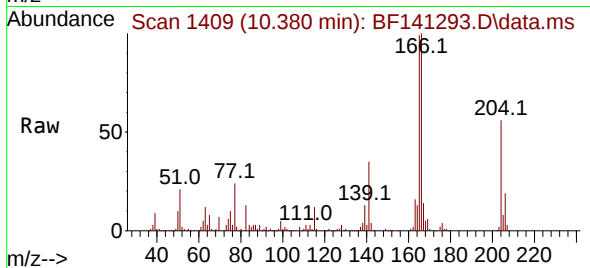
#61
4-Chlorophenyl-phenylether
Concen: 21.446 ng
RT: 10.380 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

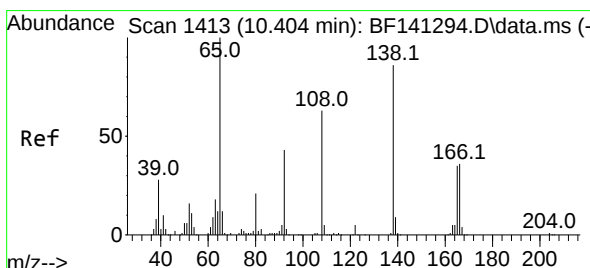
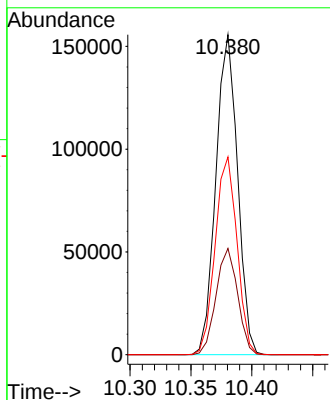
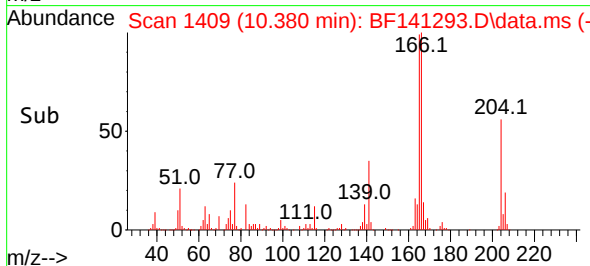


Tgt Ion:204 Resp: 193134
Ion Ratio Lower Upper
204 100
206 33.2 25.9 38.9
141 61.8 49.5 74.3

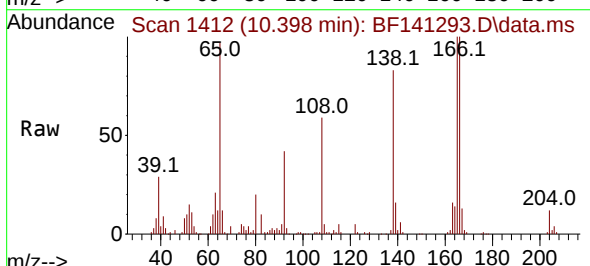
Manual Integrations

APPROVED

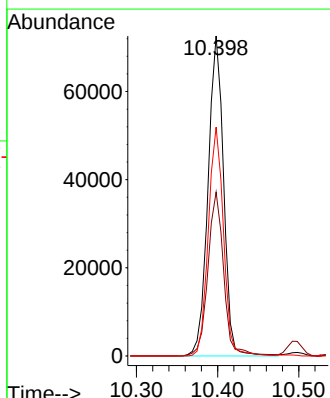
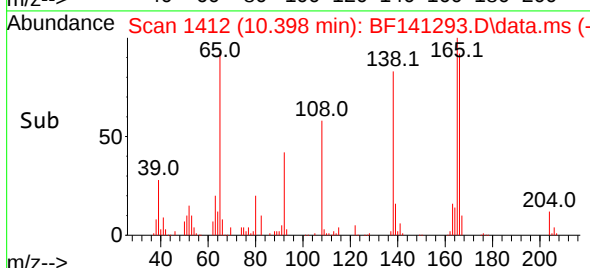
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

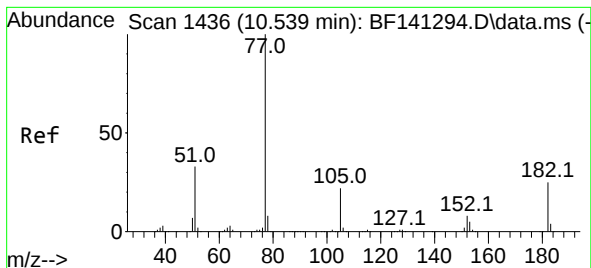


#62
4-Nitroaniline
Concen: 22.250 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17



Tgt Ion:138 Resp: 96692
Ion Ratio Lower Upper
138 100
92 51.2 30.1 70.1
108 71.5 53.1 93.1





#63

Azobenzene

Concen: 21.358 ng

RT: 10.539 min Scan# 1436

Delta R.T. 0.000 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 77 Resp: 407492

Ion Ratio Lower Upper

77 100

182 25.7 5.1 45.1

105 22.1 1.8 41.8

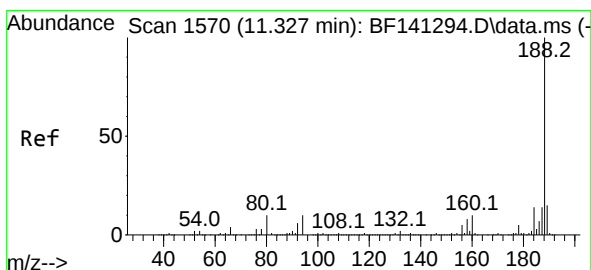
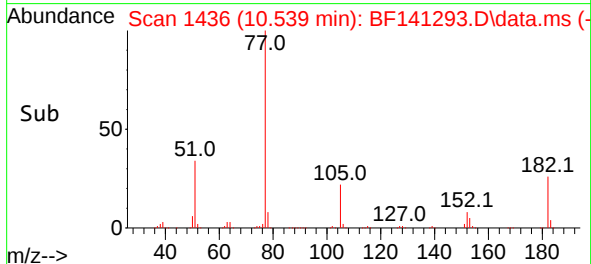
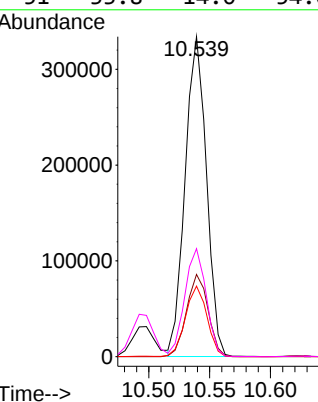
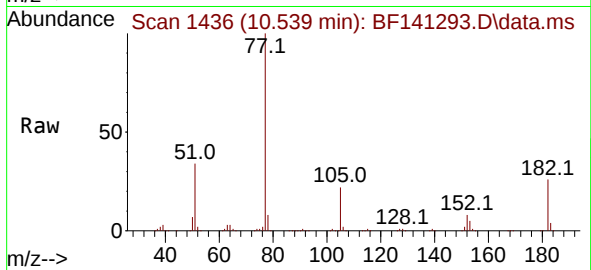
51 33.8 14.0 54.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1570

Delta R.T. 0.000 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

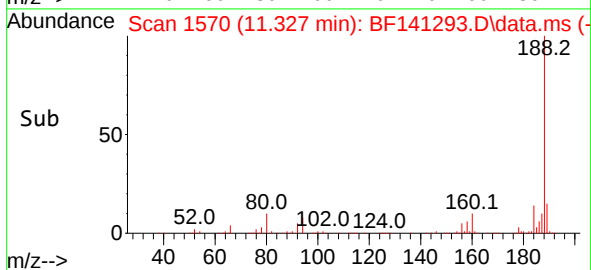
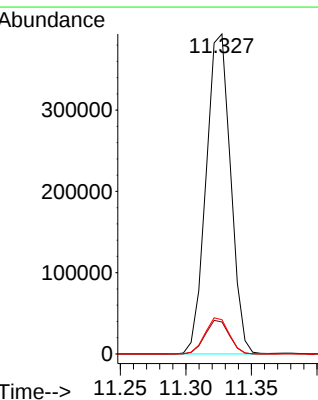
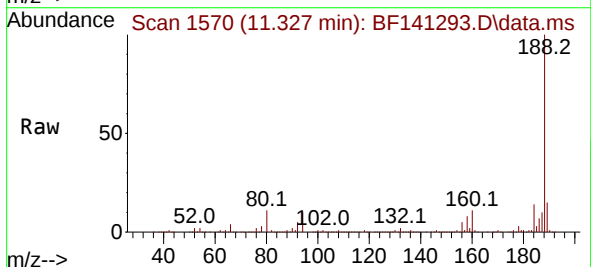
Tgt Ion:188 Resp: 511320

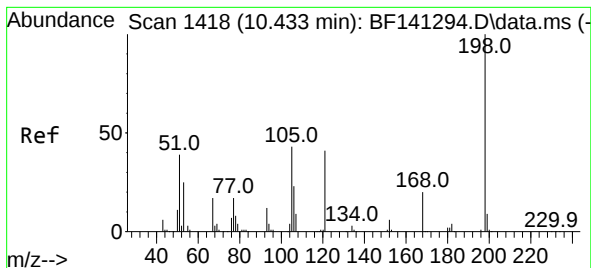
Ion Ratio Lower Upper

188 100

94 10.0 7.8 11.6

80 10.7 8.2 12.4





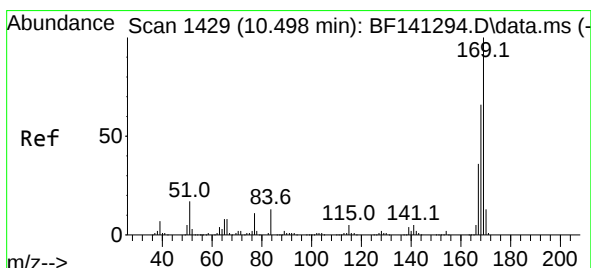
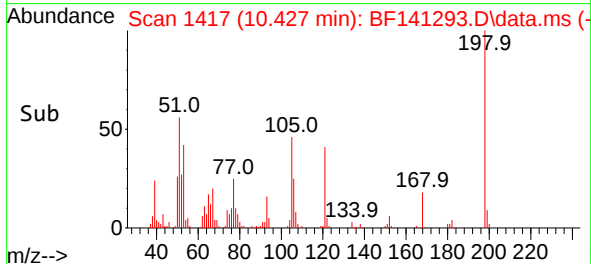
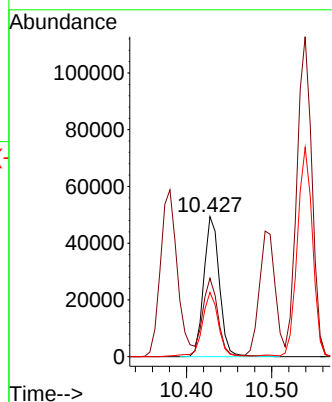
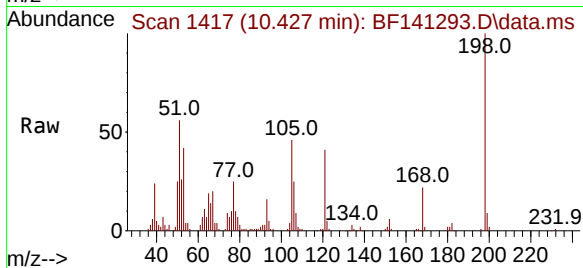
#65
4,6-Dinitro-2-methylphenol
Concen: 20.492 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 62572
Ion Ratio Lower Upper
198 100
51 56.0 33.4 73.4
105 45.9 24.4 64.4

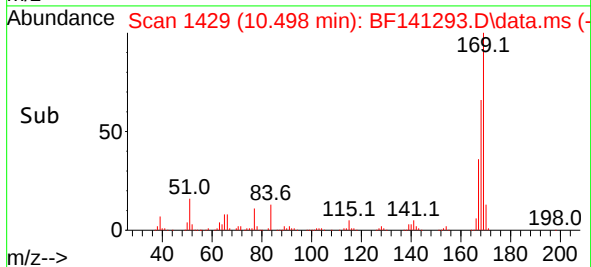
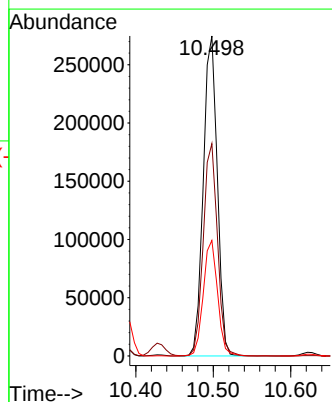
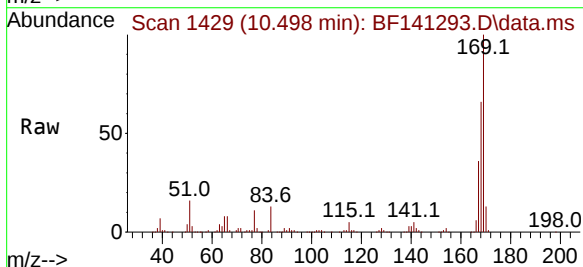
Manual Integrations
APPROVED

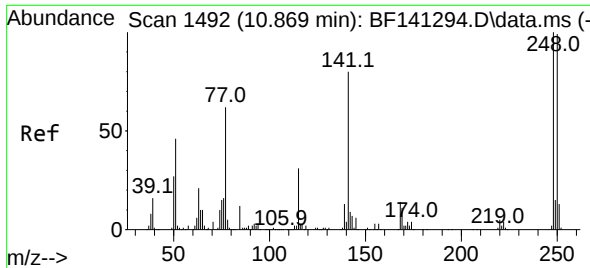
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#66
n-Nitrosodiphenylamine
Concen: 20.773 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

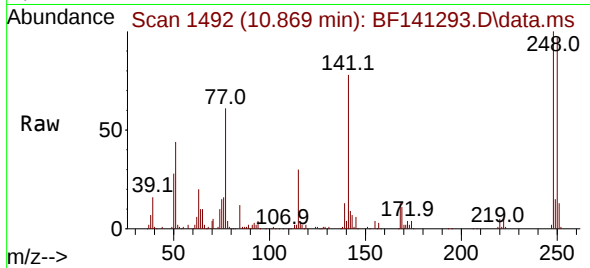
Tgt Ion:169 Resp: 344387
Ion Ratio Lower Upper
169 100
168 66.3 53.0 79.4
167 36.1 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 20.967 ng
RT: 10.869 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

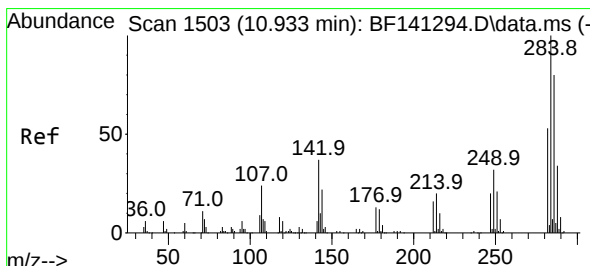
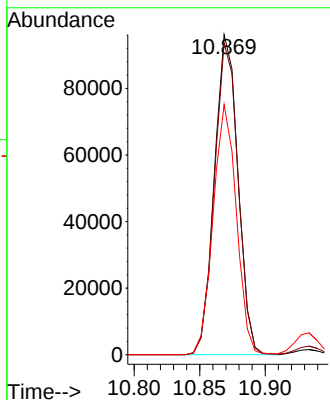
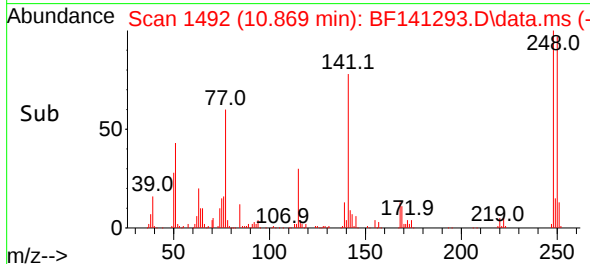
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



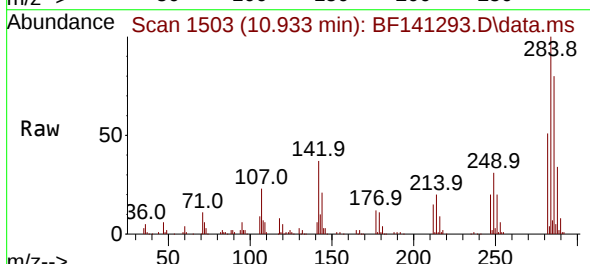
Tgt Ion:248 Resp: 119844
Ion Ratio Lower Upper
248 100
250 97.3 79.0 118.4
141 78.1 63.7 95.5

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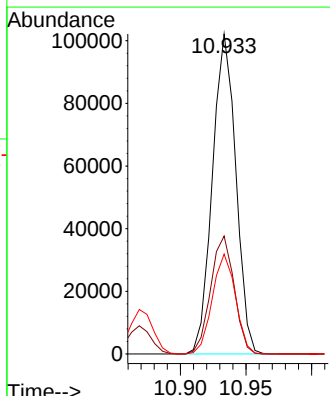
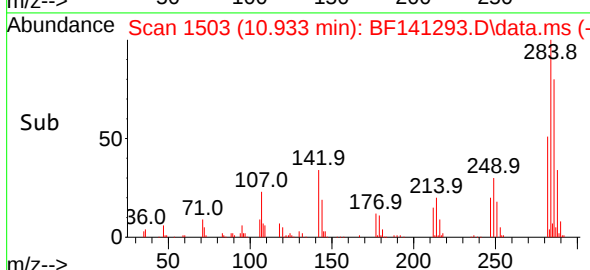
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

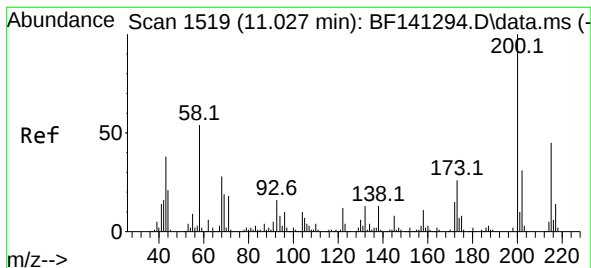


#68
Hexachlorobenzene
Concen: 20.917 ng
RT: 10.933 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17



Tgt Ion:284 Resp: 126823
Ion Ratio Lower Upper
284 100
142 36.8 29.5 44.3
249 31.2 25.4 38.2





#69

Atrazine

Concen: 19.627 ng

RT: 11.022 min Scan# 1519

Delta R.T. -0.006 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:200 Resp: 10913

Ion Ratio Lower Upper

200 100

173 25.5 5.9 45.9

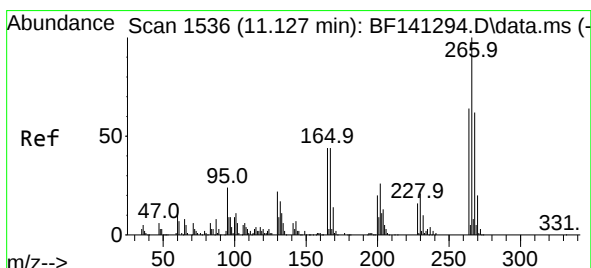
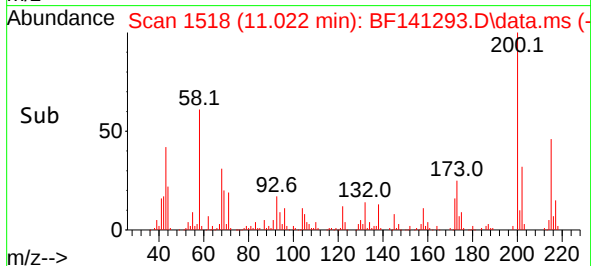
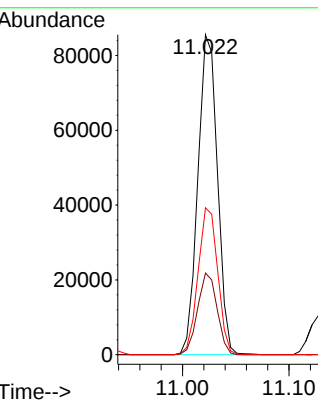
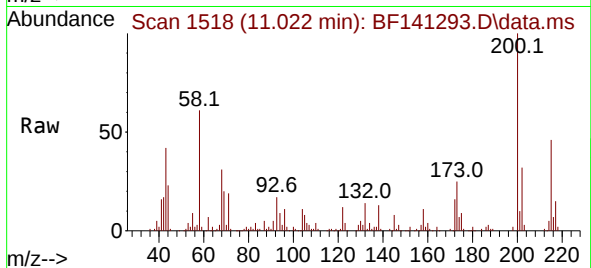
215 45.9 25.2 65.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#70

Pentachlorophenol

Concen: 20.958 ng

RT: 11.127 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

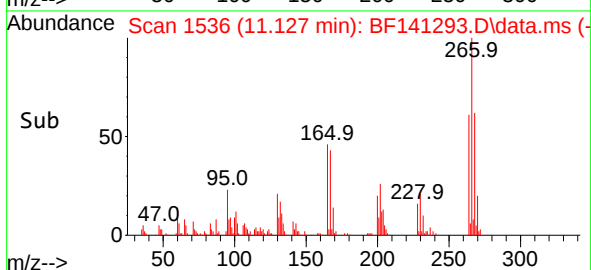
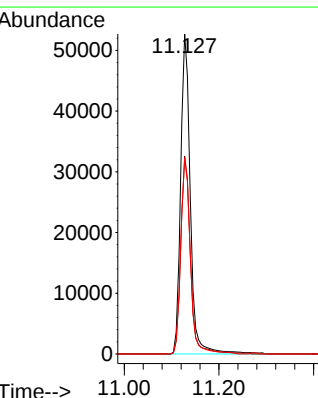
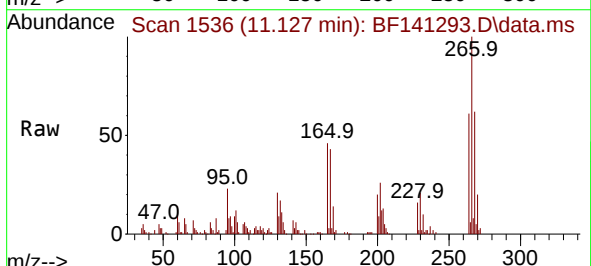
Tgt Ion:266 Resp: 74508

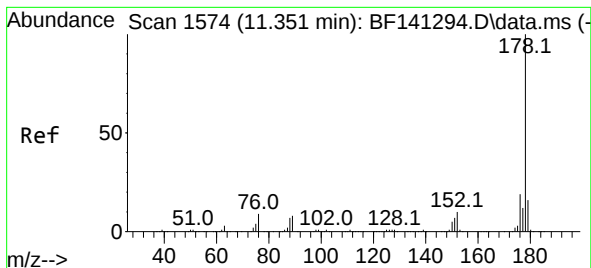
Ion Ratio Lower Upper

266 100

268 61.8 49.9 74.9

264 61.2 51.0 76.4





#71

Phenanthrene

Concen: 21.262 ng

RT: 11.351 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:178 Resp: 58402

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

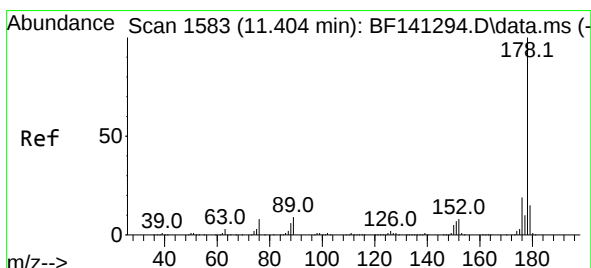
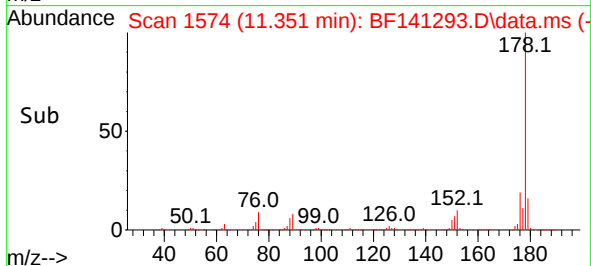
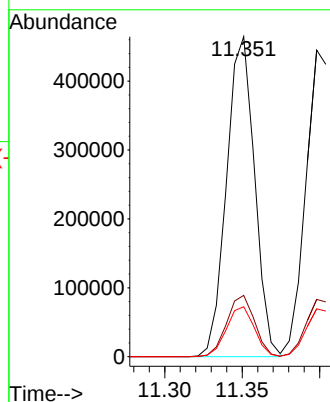
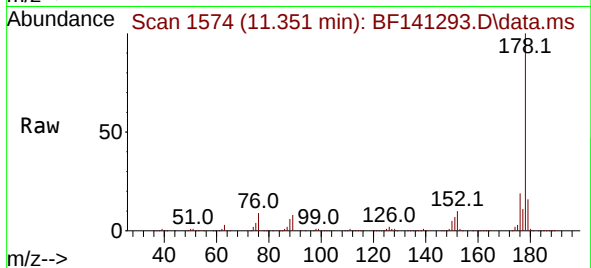
179 15.6 12.5 18.7

Manual Integrations

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Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#72

Anthracene

Concen: 21.377 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

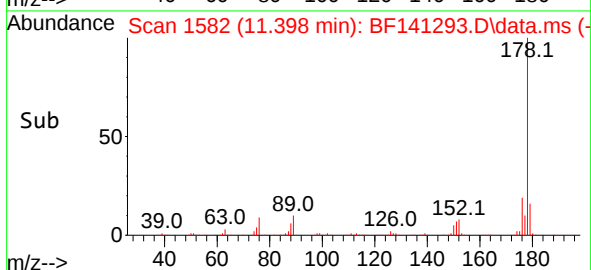
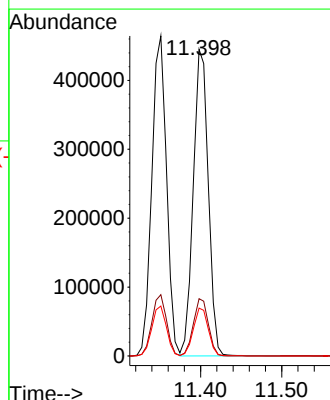
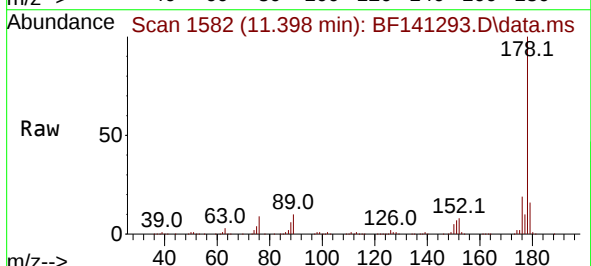
Tgt Ion:178 Resp: 572743

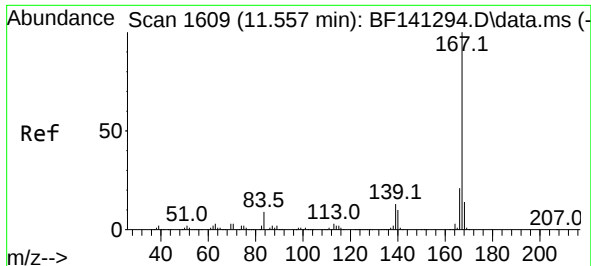
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.6

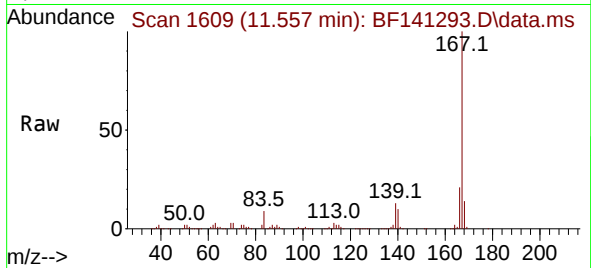
179 15.6 12.3 18.5





#73
 Carbazole
 Concen: 22.000 ng
 RT: 11.557 min Scan# 1609
 Delta R.T. 0.000 min
 Lab File: BF141293.D
 Acq: 29 Jan 2025 15:17

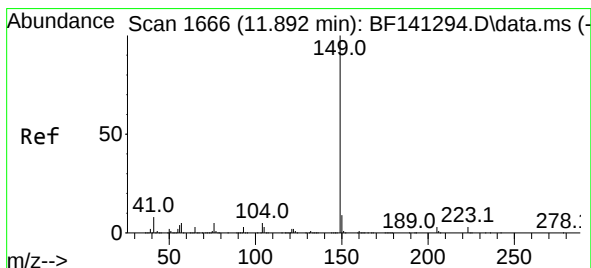
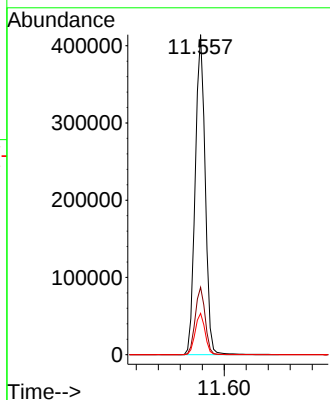
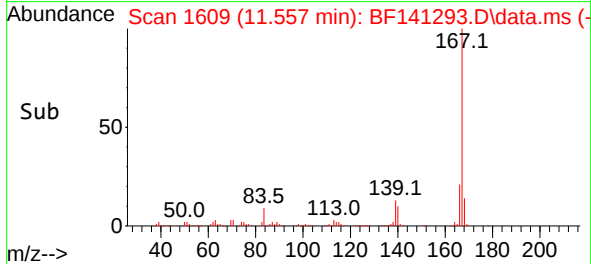
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020



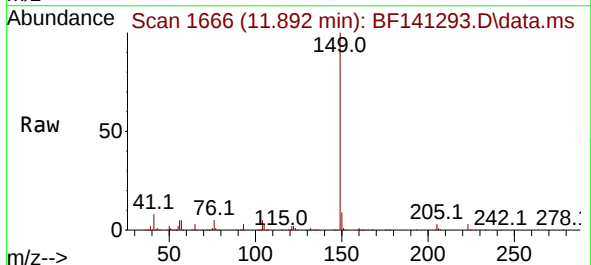
Tgt Ion:167 Resp: 522100
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.0 25.6
 139 12.9 10.6 16.0

Manual Integrations
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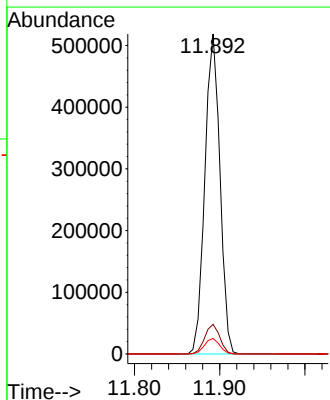
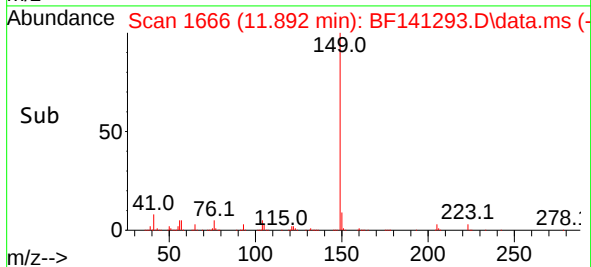
Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :mohammad ahmed 02/04/2025

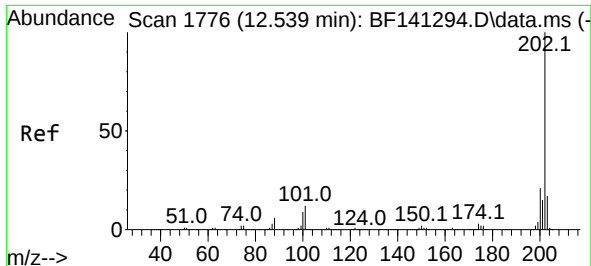


#74
 Di-n-butylphthalate
 Concen: 22.251 ng
 RT: 11.892 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: BF141293.D
 Acq: 29 Jan 2025 15:17



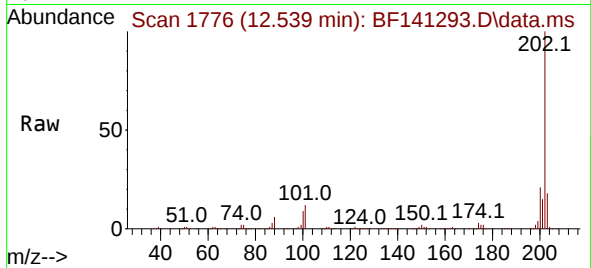
Tgt Ion:149 Resp: 636521
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.8 3.9 5.9





#75
Fluoranthene
Concen: 22.808 ng
RT: 12.539 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

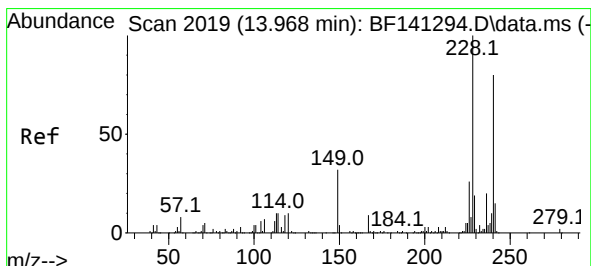
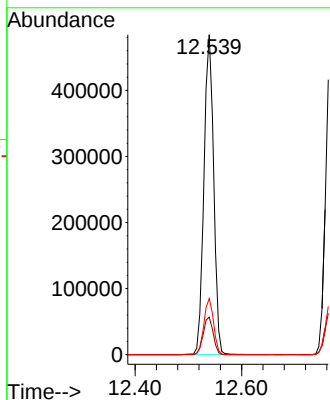
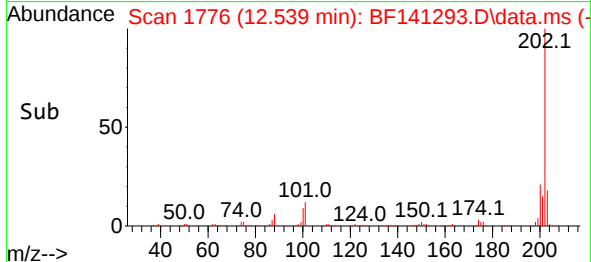
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



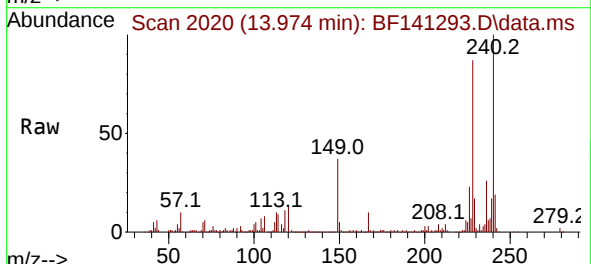
Tgt Ion:202 Resp: 611492
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.7
203 17.5 0.0 37.5

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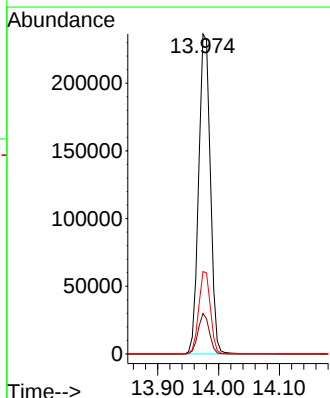
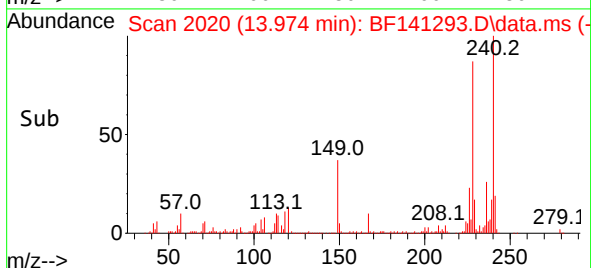
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

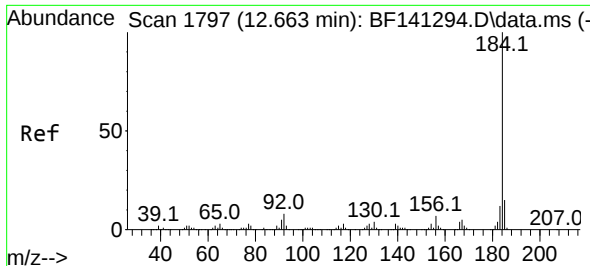


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17



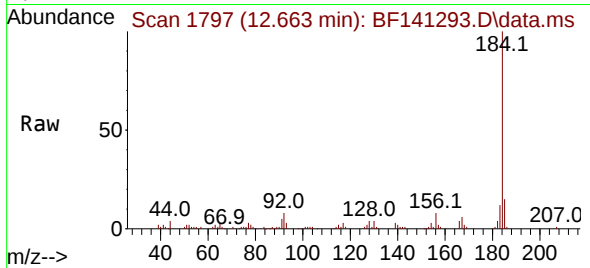
Tgt Ion:240 Resp: 314234
Ion Ratio Lower Upper
240 100
120 12.7 10.0 15.0
236 25.8 19.7 29.5





#77
Benzidine
Concen: 6.904 ng
RT: 12.663 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

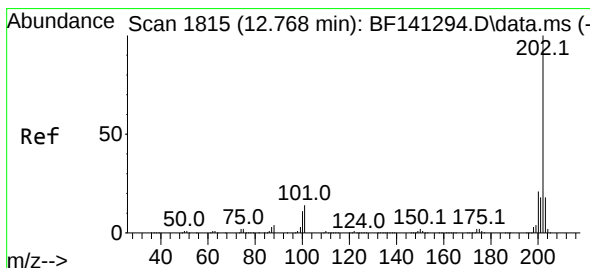
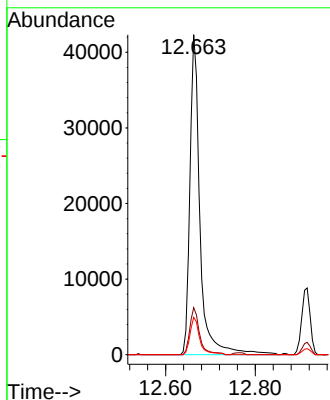
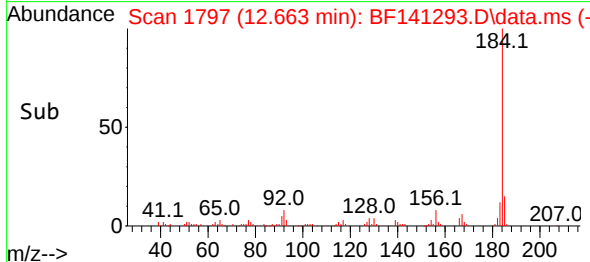
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



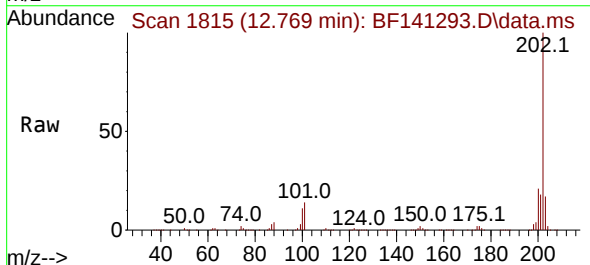
Tgt Ion:184 Resp: 65963
Ion Ratio Lower Upper
184 100
185 14.7 11.9 17.9
183 11.7 9.5 14.3

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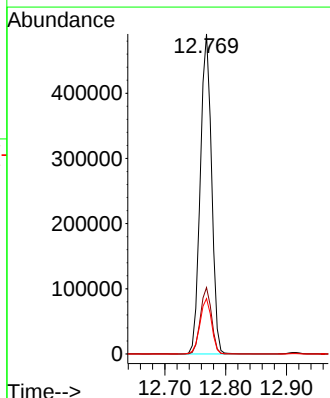
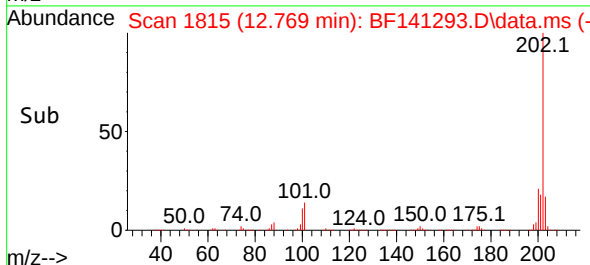
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

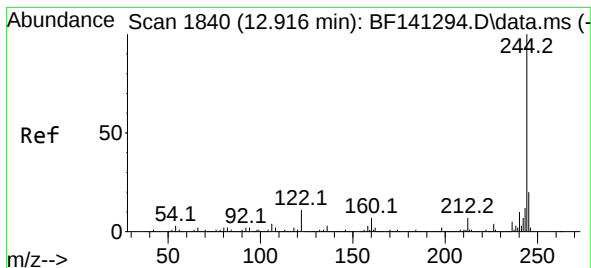


#78
Pyrene
Concen: 20.739 ng
RT: 12.769 min Scan# 1815
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17



Tgt Ion:202 Resp: 629228
Ion Ratio Lower Upper
202 100
200 20.7 17.0 25.4
203 17.3 14.3 21.5





#79

Terphenyl-d14

Concen: 42.159 ng

RT: 12.916 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BF141293.D

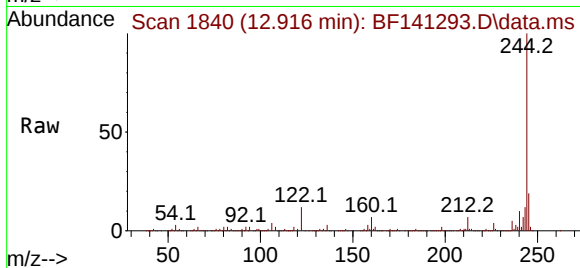
Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



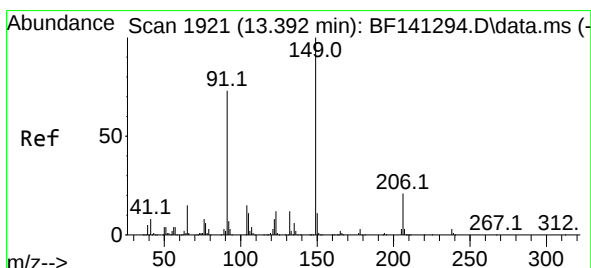
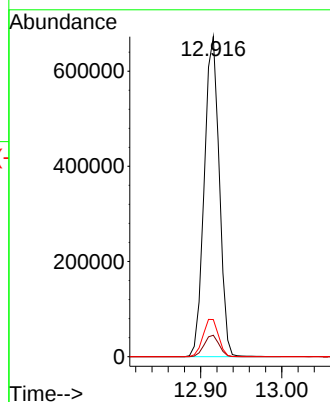
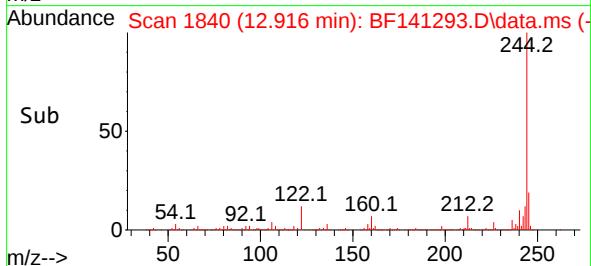
Tgt Ion:244	Resp:	860950
Ion Ratio	Lower	Upper
244	100	
212	6.7	5.4 8.0
122	11.6	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#80

Butylbenzylphthalate

Concen: 22.149 ng

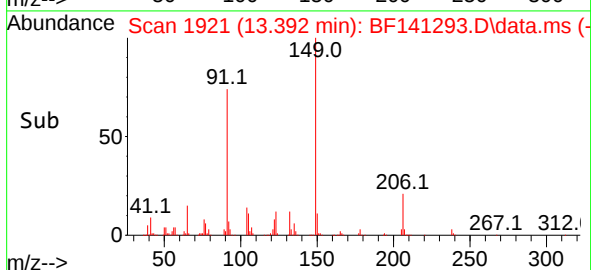
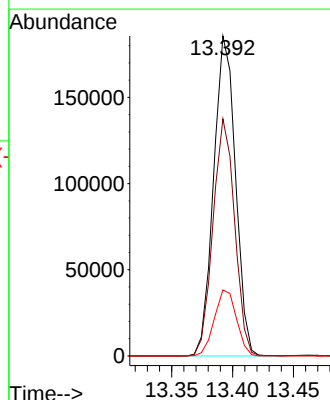
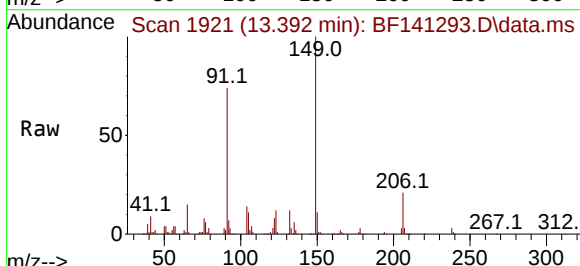
RT: 13.392 min Scan# 1921

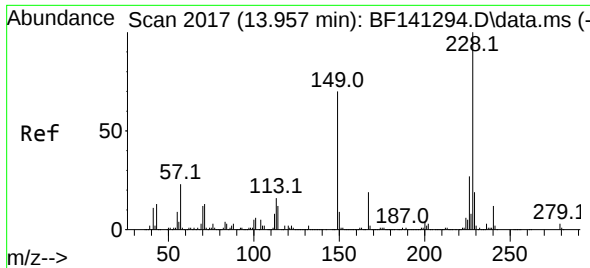
Delta R.T. 0.000 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Tgt Ion:149	Resp:	232095
Ion Ratio	Lower	Upper
149	100	
91	74.1	58.6 87.8
206	20.7	16.7 25.1





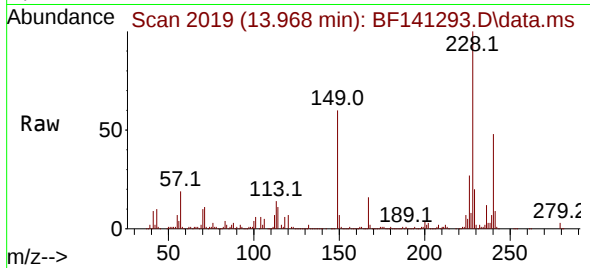
#81
Benzo(a)anthracene
Concen: 21.197 ng
RT: 13.968 min Scan# 2019
Delta R.T. 0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



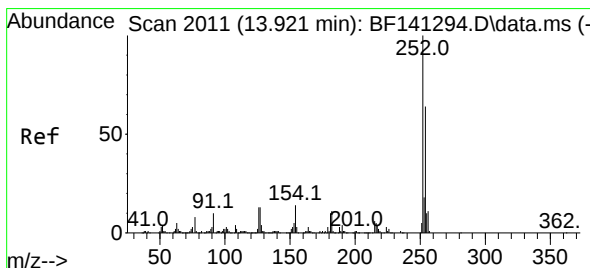
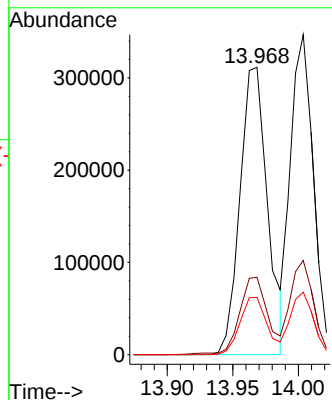
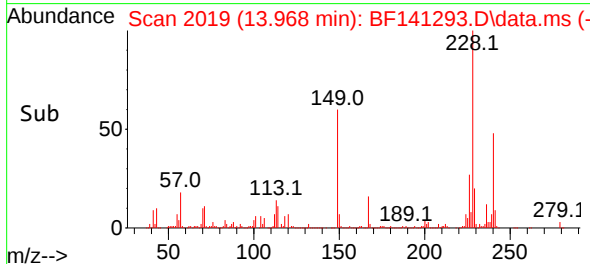
Tgt Ion:228 Resp: 45653
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.2
229 19.9 15.5 23.3

Manual Integrations

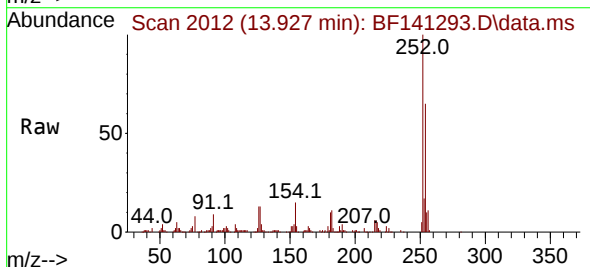
APPROVED

Reviewed By :Yogesh Patel 01/30/2025

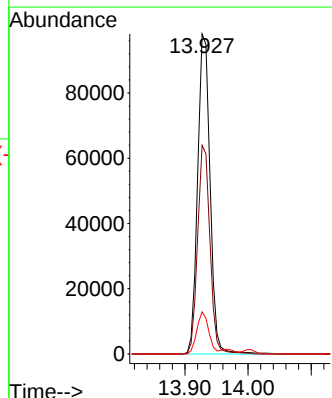
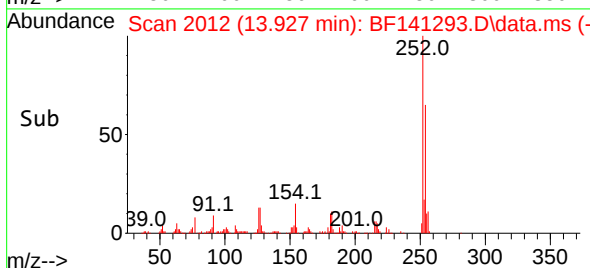
Supervised By :mohammad ahmed 02/04/2025

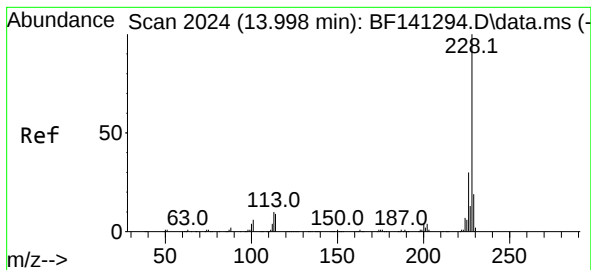


#82
3,3'-Dichlorobenzidine
Concen: 19.914 ng
RT: 13.927 min Scan# 2012
Delta R.T. 0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17



Tgt Ion:252 Resp: 134298
Ion Ratio Lower Upper
252 100
254 65.2 51.3 76.9
126 13.2 10.0 15.0





#83

Chrysene

Concen: 21.122 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:228 Resp: 421849

Ion Ratio Lower Upper

228 100

226 29.4 24.1 36.1

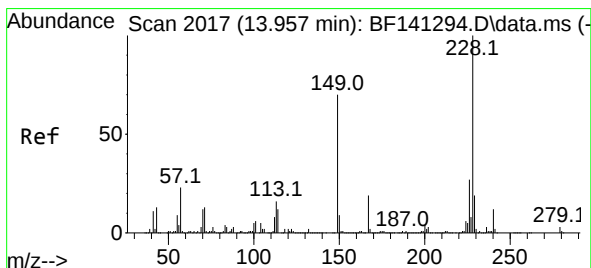
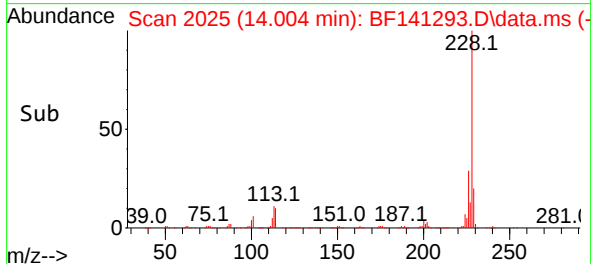
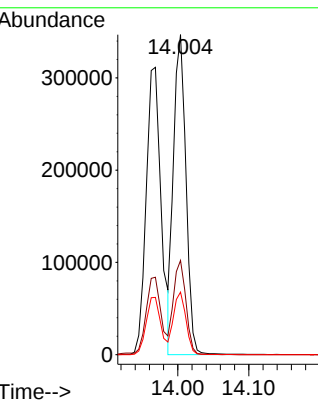
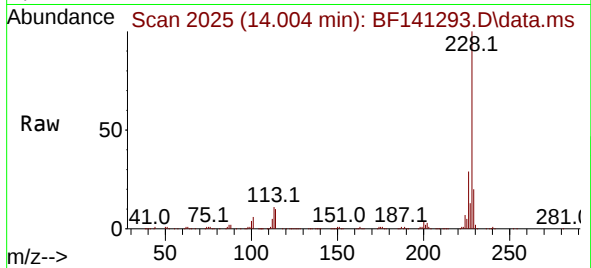
229 19.5 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/30/2025

Supervised By :mohammad ahmed 02/04/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 22.857 ng

RT: 13.963 min Scan# 2018

Delta R.T. 0.006 min

Lab File: BF141293.D

Acq: 29 Jan 2025 15:17

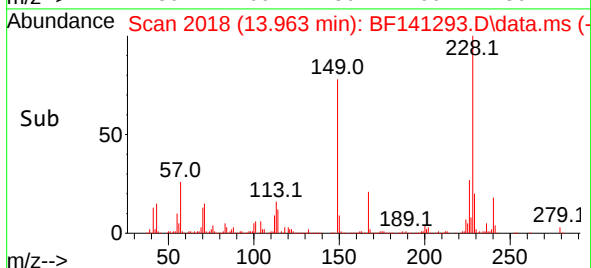
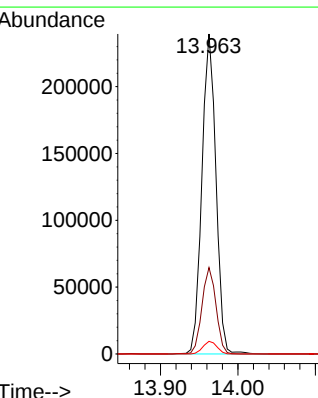
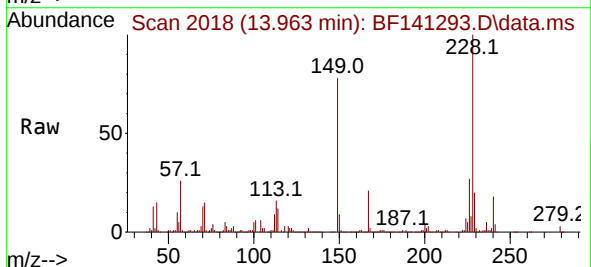
Tgt Ion:149 Resp: 300546

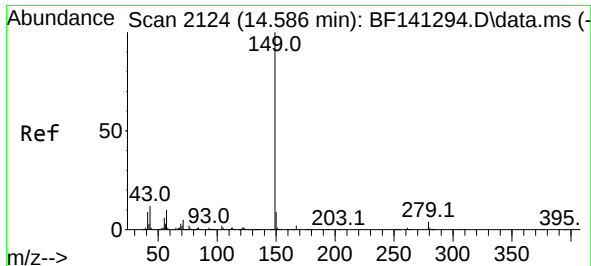
Ion Ratio Lower Upper

149 100

167 27.0 21.8 32.8

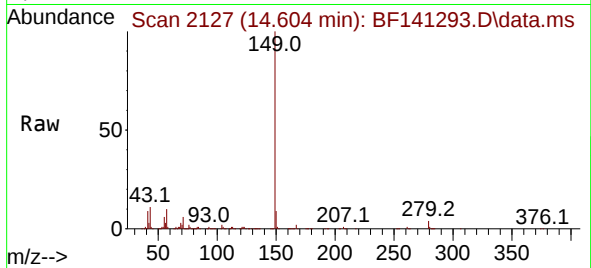
279 3.9 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 21.964 ng
RT: 14.604 min Scan# 2124
Delta R.T. 0.018 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

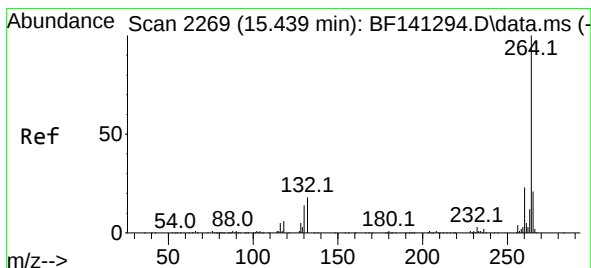
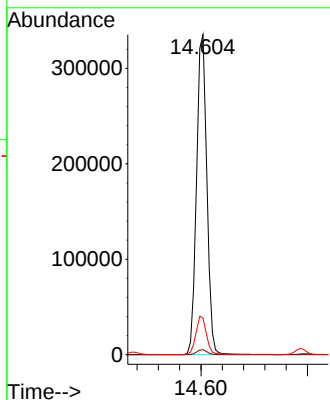
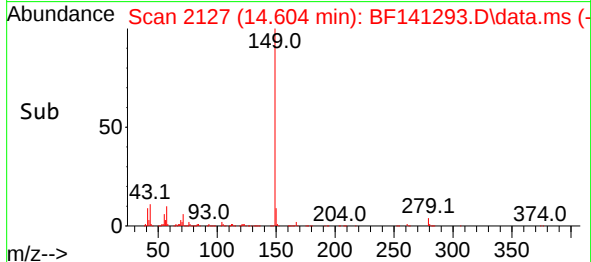
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:149 Resp: 451748
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.4 9.8 14.8

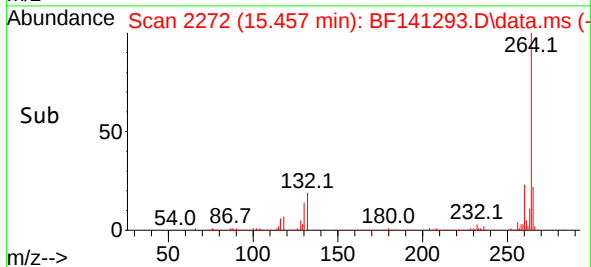
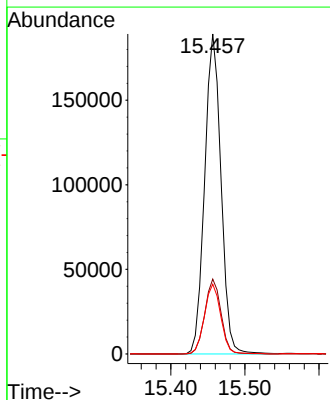
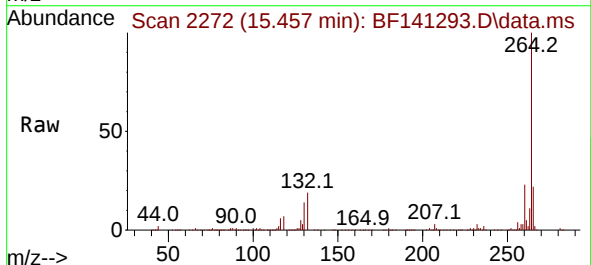
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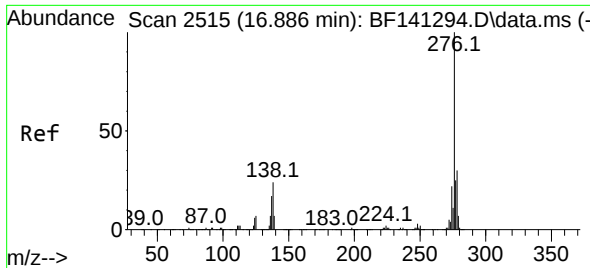
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2272
Delta R.T. 0.018 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:264 Resp: 289582
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 21.8 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 20.466 ng
RT: 16.909 min Scan# 211
Delta R.T. 0.024 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

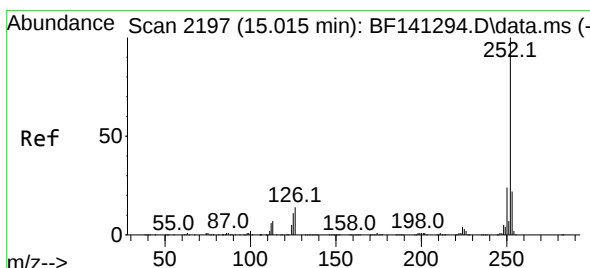
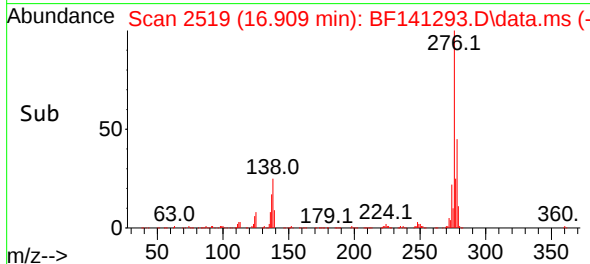
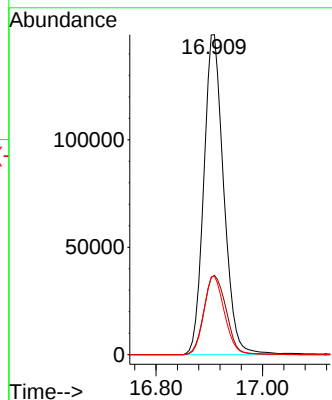
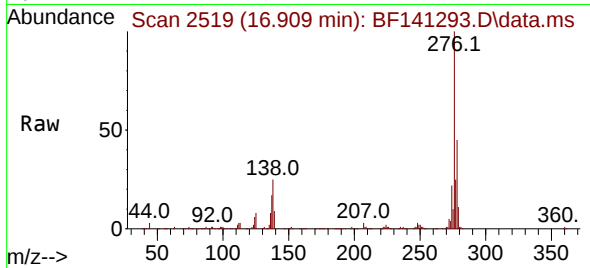
ClientSampleId :

SSTDICC020

Tgt Ion:276 Resp: 387089
Ion Ratio Lower Upper
276 100
138 27.6 21.7 32.5
277 25.5 20.3 30.5

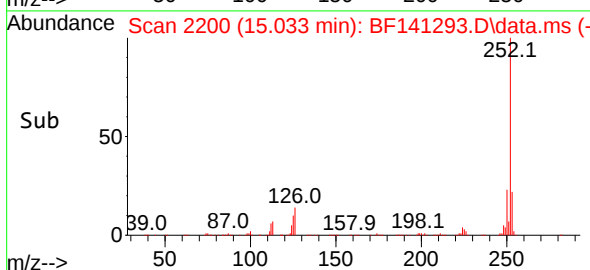
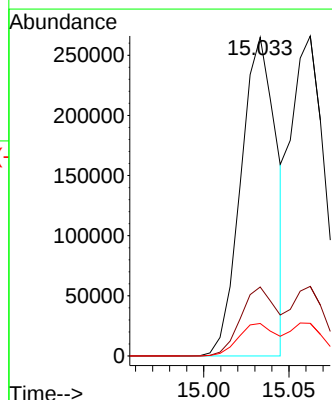
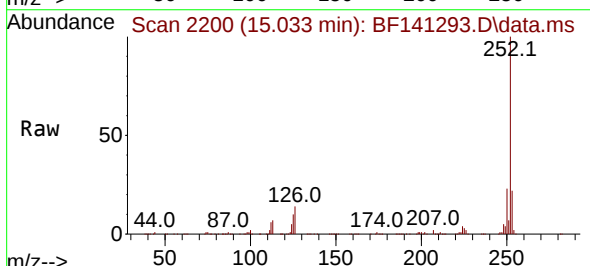
Manual Integrations
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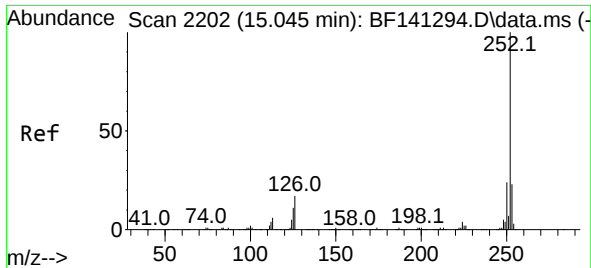
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#88
Benzo(b)fluoranthene
Concen: 21.383 ng
RT: 15.033 min Scan# 2200
Delta R.T. 0.018 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:252 Resp: 384557
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 10.2 8.6 12.8





#89
Benzo(k)fluoranthene
Concen: 22.900 ng
RT: 15.062 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :

BNA_F

ClientSampleId :

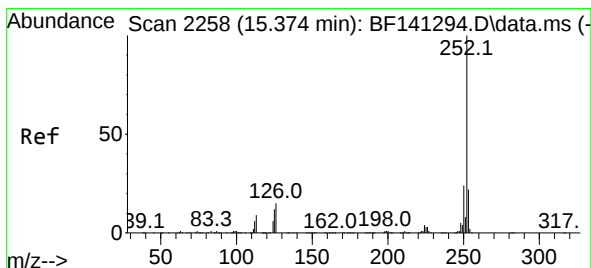
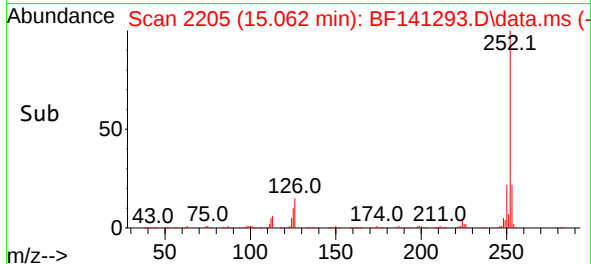
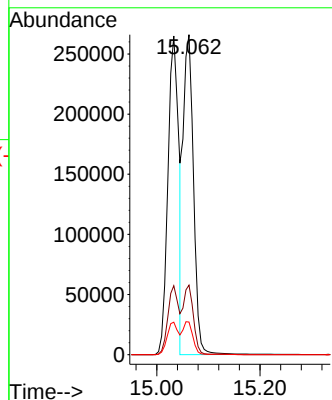
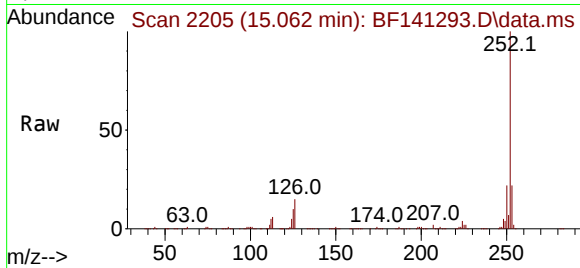
SSTDICC020

Tgt Ion:252 Resp: 36880
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 10.2 8.4 12.6

Manual Integrations

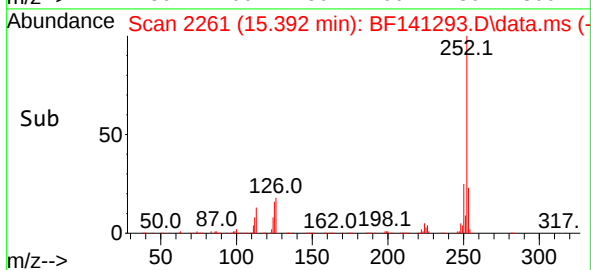
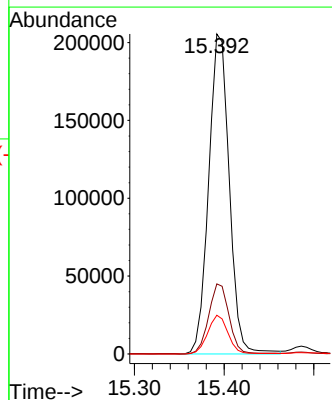
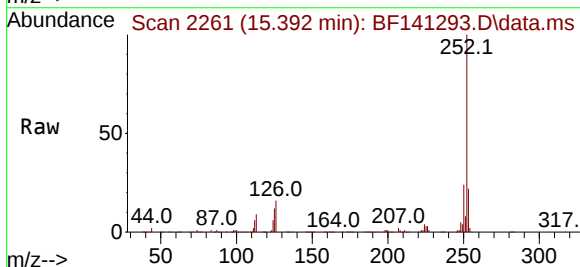
APPROVED

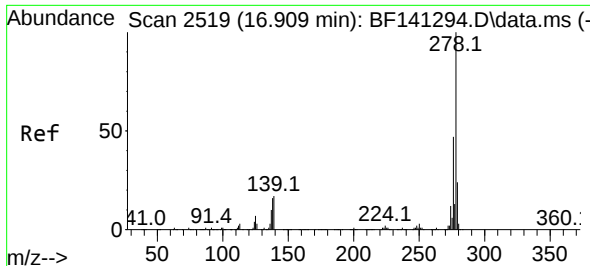
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#90
Benzo(a)pyrene
Concen: 21.317 ng
RT: 15.392 min Scan# 2261
Delta R.T. 0.018 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

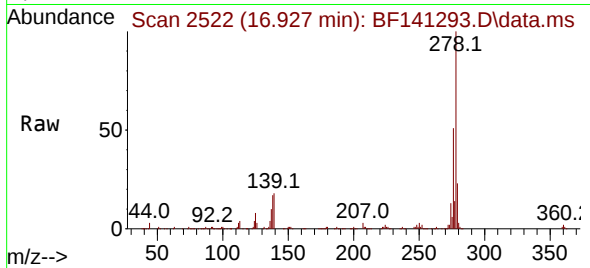
Tgt Ion:252 Resp: 327630
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 12.1 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 21.026 ng
RT: 16.927 min Scan# 2519
Delta R.T. 0.018 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

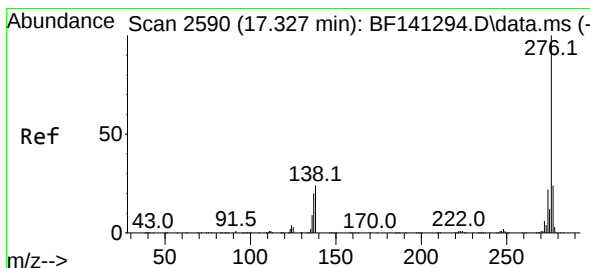
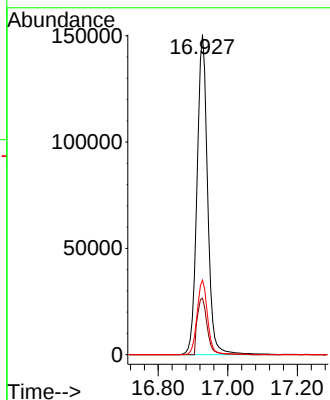
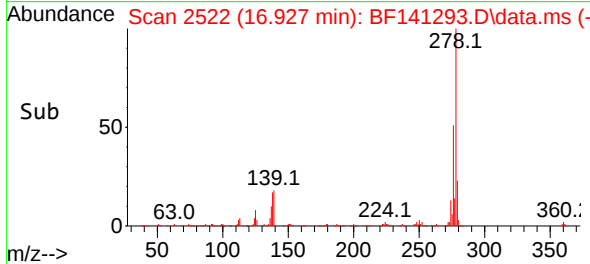
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



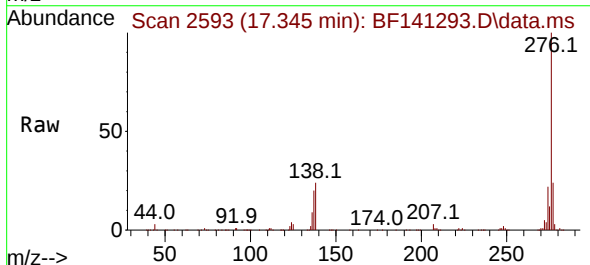
Tgt Ion:278 Resp: 318776
Ion Ratio Lower Upper
278 100
139 17.7 13.9 20.9
279 23.3 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#92
Benzo(g,h,i)perylene
Concen: 20.684 ng
RT: 17.345 min Scan# 2593
Delta R.T. 0.018 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17



Tgt Ion:276 Resp: 329876
Ion Ratio Lower Upper
276 100
277 24.0 19.2 28.8
138 23.9 19.0 28.4

