

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
 Data File : BF141413.D
 Acq On : 04 Feb 2025 17:22
 Operator : RC/JU
 Sample : Q1239-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 286MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/05/2025
 Supervised By :mohammad ahmed 02/05/2025

Quant Time: Feb 05 00:31:12 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 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	71735	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	282983	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	159062	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	284462	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	237860	20.000	ng	-0.01
86) Perylene-d12	15.427	264	195020	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	621616	133.032	ng	0.01
7) Phenol-d6	6.434	99	726509	122.221	ng	0.00
23) Nitrobenzene-d5	7.357	82	546202	101.751	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	253210	173.642	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1053500	101.944	ng	-0.01
79) Terphenyl-d14	12.910	244	1365477	88.532	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	91270	44.413	ng	# 82
3) Pyridine	3.340	79	148240	29.939	ng	95
4) n-Nitrosodimethylamine	3.263	42	136594	48.292	ng	87
6) Aniline	6.457	93	69411	13.795	ng	# 1
8) 2-Chlorophenol	6.581	128	234202	46.763	ng	97
9) Benzaldehyde	6.340	77	32532	9.448	ng	98
10) Phenol	6.451	94	250561	39.764	ng	89
11) bis(2-Chloroethyl)ether	6.528	93	248242	51.381	ng	95
12) 1,3-Dichlorobenzene	6.734	146	251801	45.598	ng	100
13) 1,4-Dichlorobenzene	6.810	146	250606	45.174	ng	99
14) 1,2-Dichlorobenzene	6.957	146	240203	46.240	ng	98
15) Benzyl Alcohol	6.939	79	203836	50.178	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	365547	43.510	ng	72
17) 2-Methylphenol	7.057	107	184041	45.214	ng	# 88
18) Hexachloroethane	7.304	117	96713	47.257	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	168748	47.776	ng	100
20) 3+4-Methylphenols	7.210	107	234616	46.944	ng	92
22) Acetophenone	7.198	105	367727	54.669	ng	# 96
24) Nitrobenzene	7.375	77	254617	45.771	ng	99
25) Isophorone	7.610	82	455768	49.118	ng	98
26) 2-Nitrophenol	7.686	139	125531	47.848	ng	92
27) 2,4-Dimethylphenol	7.734	122	199684m	59.797	ng	
28) bis(2-Chloroethoxy)met...	7.822	93	272873	46.102	ng	100
29) 2,4-Dichlorophenol	7.939	162	196917	48.168	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	216732	46.422	ng	99
31) Naphthalene	8.092	128	690045	46.159	ng	100
32) Benzoic acid	7.851	122	120094	39.121	ng	94
33) 4-Chloroaniline	8.151	127	55103	10.870	ng	97
34) Hexachlorobutadiene	8.210	225	134151	48.998	ng	100
35) Caprolactam	8.510	113	59743m	44.747	ng	
36) 4-Chloro-3-methylphenol	8.639	107	220728	50.336	ng	97
37) 2-Methylnaphthalene	8.786	142	443805	46.709	ng	99
38) 1-Methylnaphthalene	8.886	142	428312	45.890	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	240249	53.092	ng	99
41) Hexachlorocyclopentadiene	8.939	237	285933	213.957	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	141772	47.866	ng	100

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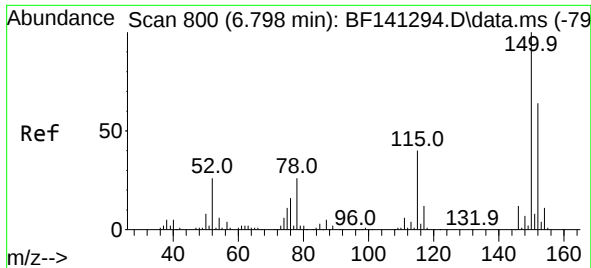
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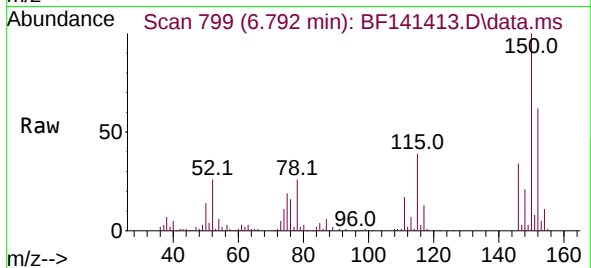
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	159389	49.444	ng	99
46) 1,1'-Biphenyl	9.251	154	647303	52.181	ng	98
47) 2-Chloronaphthalene	9.275	162	435038	44.993	ng	99
48) 2-Nitroaniline	9.375	65	152025	49.987	ng	98
49) Acenaphthylene	9.692	152	691680	51.104	ng	100
50) Dimethylphthalate	9.551	163	543231	50.566	ng	100
51) 2,6-Dinitrotoluene	9.616	165	118953	47.688	ng	99
52) Acenaphthene	9.863	154	535367m	55.368	ng	
53) 3-Nitroaniline	9.780	138	43627	17.845	ng	99
54) 2,4-Dinitrophenol	9.892	184	147030	126.801	ng	89
55) Dibenzofuran	10.033	168	634353	49.012	ng	96
56) 4-Nitrophenol	9.969	139	199653	111.665	ng	89
57) 2,4-Dinitrotoluene	10.022	165	165190	51.150	ng	91
58) Fluorene	10.380	166	506674	50.468	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	143866	56.727	ng	99
60) Diethylphthalate	10.257	149	536207	51.476	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	245153	49.990	ng	96
62) 4-Nitroaniline	10.398	138	114917	47.811	ng	88
63) Azobenzene	10.533	77	508576	48.776	ng	97
65) 4,6-Dinitro-2-methylph...	10.427	198	95472	56.741	ng	95
66) n-Nitrosodiphenylamine	10.492	169	441006	47.933	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	153618	48.237	ng	100
68) Hexachlorobenzene	10.927	284	162730	48.172	ng	98
69) Atrazine	11.022	200	140244	45.590	ng	99
70) Pentachlorophenol	11.127	266	225875	114.184	ng	98
71) Phenanthrene	11.339	178	780848	51.066	ng	100
72) Anthracene	11.392	178	791437	52.824	ng	99
73) Carbazole	11.551	167	710857	53.507	ng	99
74) Di-n-butylphthalate	11.880	149	744519	46.243	ng	99
75) Fluoranthene	12.533	202	839924	55.631	ng	98
77) Benzidine	12.663	184	32273	4.232	ng	# 1
78) Pyrene	12.763	202	853152	37.366	ng	100
80) Butylbenzylphthalate	13.386	149	377748	47.357	ng	100
81) Benzo(a)anthracene	13.957	228	781041	47.585	ng	99
82) 3,3'-Dichlorobenzidine	13.915	252	67109	12.855	ng	98
83) Chrysene	13.992	228	700708	46.581	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	494764	48.896	ng	99
85) Di-n-octyl phthalate	14.574	149	791205	50.343	ng	98
87) Indeno(1,2,3-cd)pyrene	16.874	276	596608	47.398	ng	96
88) Benzo(b)fluoranthene	15.010	252	662771	54.028	ng	98
89) Benzo(k)fluoranthene	15.039	252	535050	49.235	ng	99
90) Benzo(a)pyrene	15.368	252	536439	51.748	ng	99
91) Dibenzo(a,h)anthracene	16.898	278	478509	47.252	ng	97
92) Benzo(g,h,i)perylene	17.315	276	469111	44.551	ng	95

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

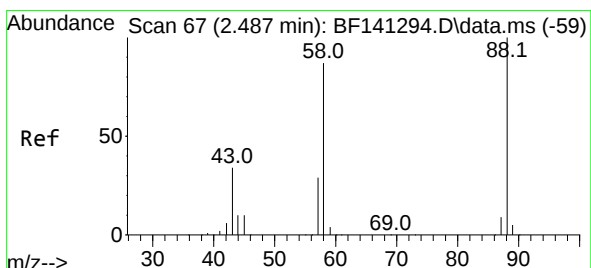
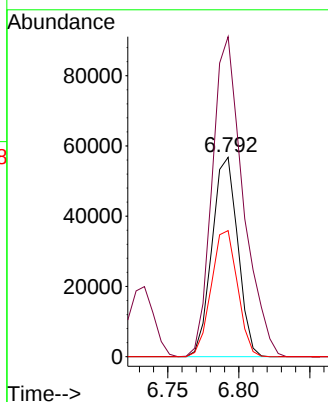
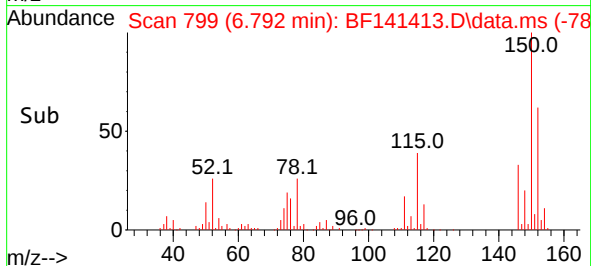
Instrument :
BNA_F
ClientSampleId :
286MS



Tgt Ion:152 Resp: 71735
Ion Ratio Lower Upper
152 100
150 160.5 125.9 188.9
115 63.2 49.7 74.5

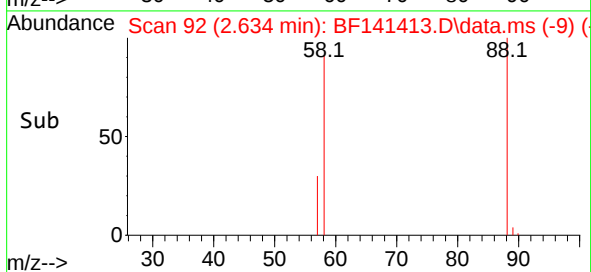
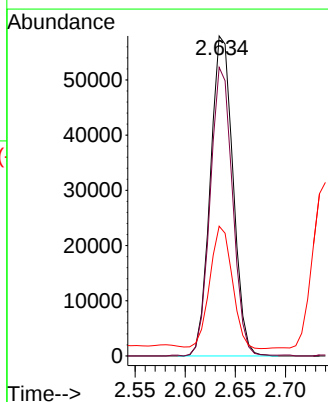
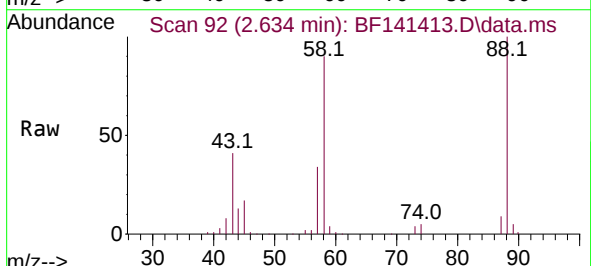
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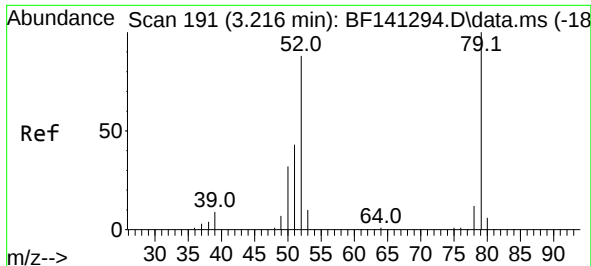
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#2
1,4-Dioxane
Concen: 44.413 ng
RT: 2.634 min Scan# 92
Delta R.T. 0.141 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

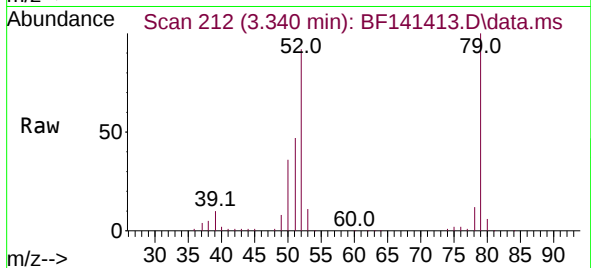
Tgt Ion: 88 Resp: 91270
Ion Ratio Lower Upper
88 100
58 88.8 70.2 105.4
43 0.0 27.6 41.4#





#3
Pyridine
Concen: 29.939 ng
RT: 3.340 min Scan# 211
Delta R.T. 0.112 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

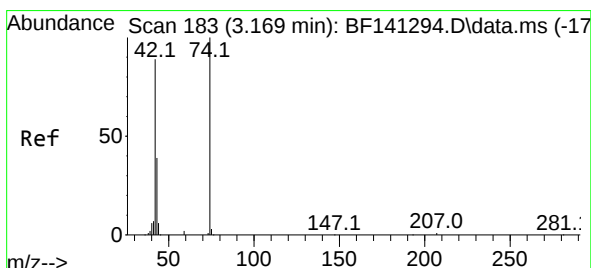
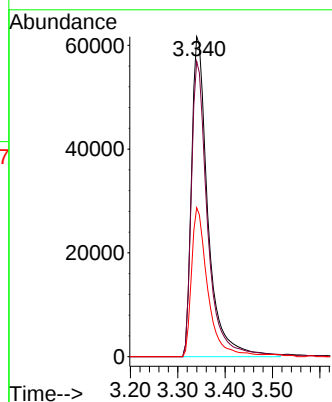
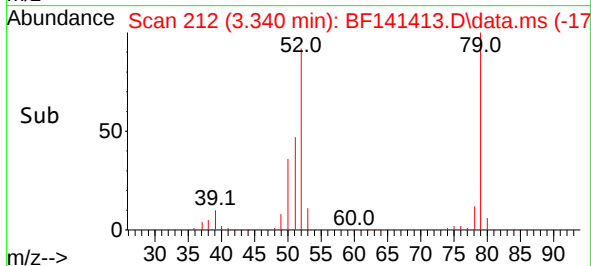
Instrument :
BNA_F
ClientSampleId :
286MS



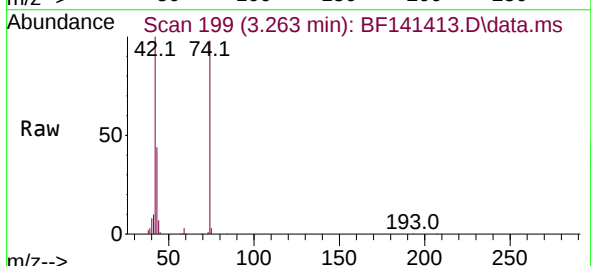
Tgt Ion: 79 Resp: 148240
Ion Ratio Lower Upper
79 100
52 92.3 70.3 105.5
51 46.6 34.3 51.5

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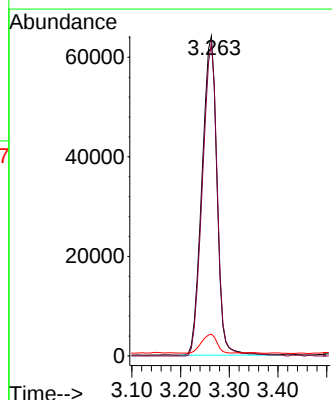
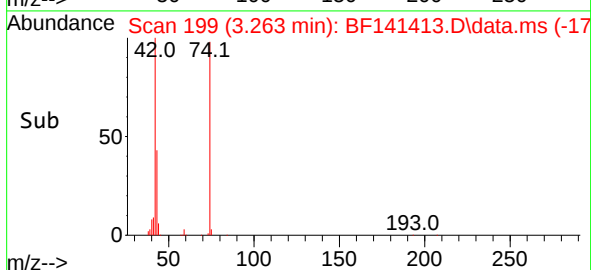
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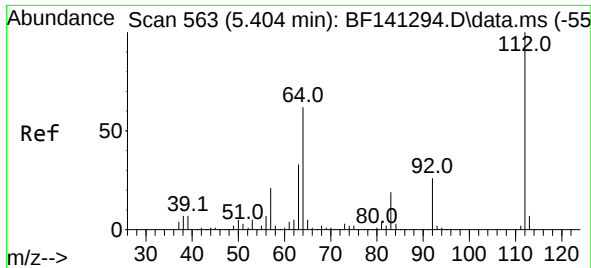


#4
n-Nitrosodimethylamine
Concen: 48.292 ng
RT: 3.263 min Scan# 199
Delta R.T. 0.065 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22



Tgt Ion: 42 Resp: 136594
Ion Ratio Lower Upper
42 100
74 97.9 90.3 135.5
44 6.8 5.7 8.5





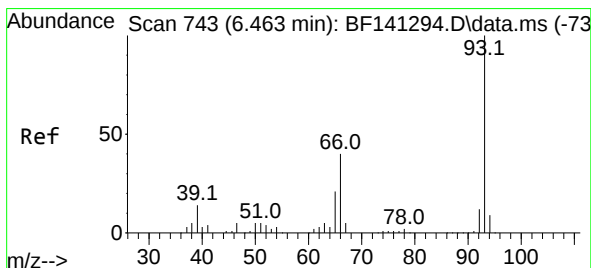
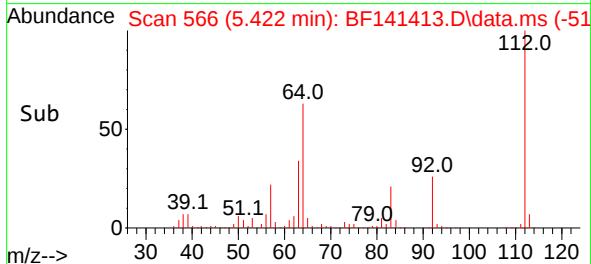
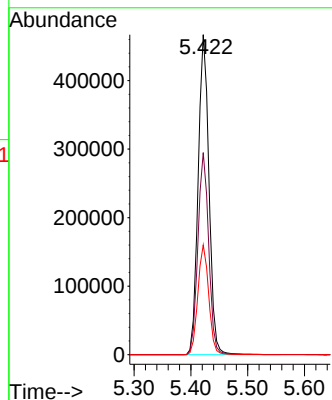
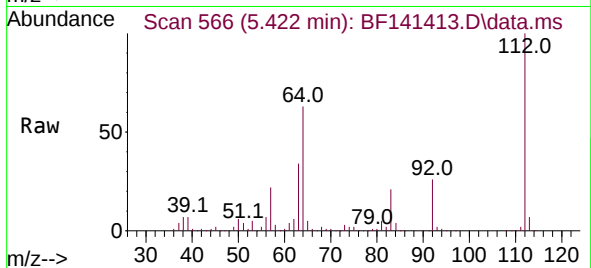
#5
2-Fluorophenol
Concen: 133.032 ng
RT: 5.422 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

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286MS

Tgt Ion:112 Resp: 621610
Ion Ratio Lower Upper
112 100
64 63.2 49.8 74.8
63 34.3 26.1 39.1

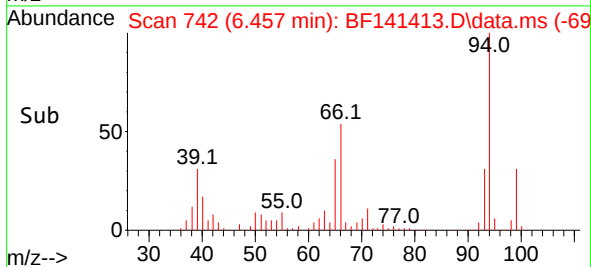
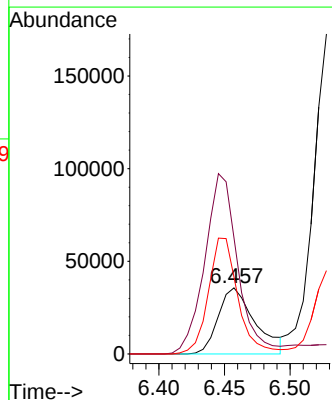
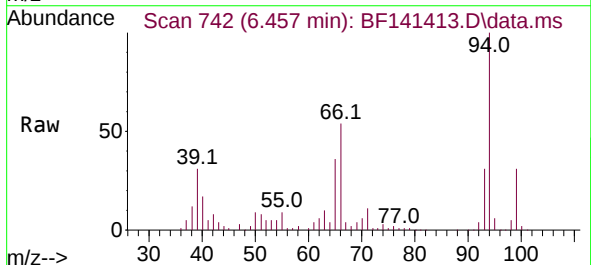
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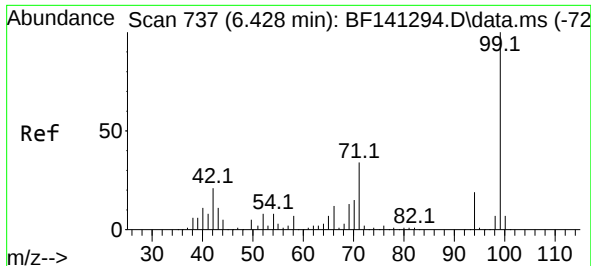
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#6
Aniline
Concen: 13.795 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

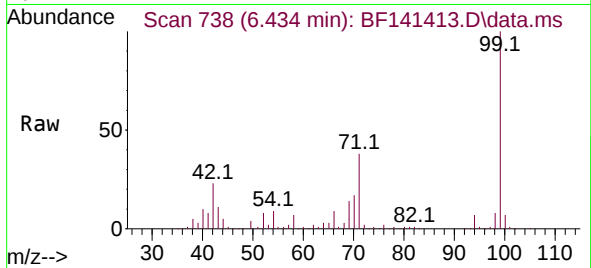
Tgt Ion: 93 Resp: 69411
Ion Ratio Lower Upper
93 100
66 175.9 32.5 48.7#
65 116.4 17.0 25.6#





#7
Phenol-d6
Concen: 122.221 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

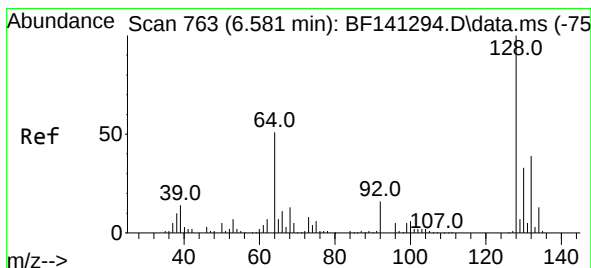
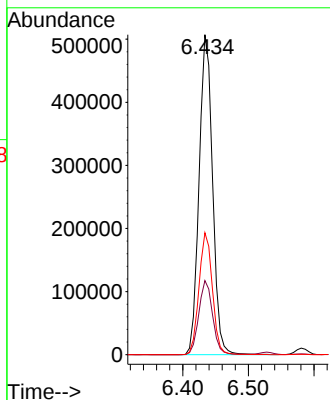
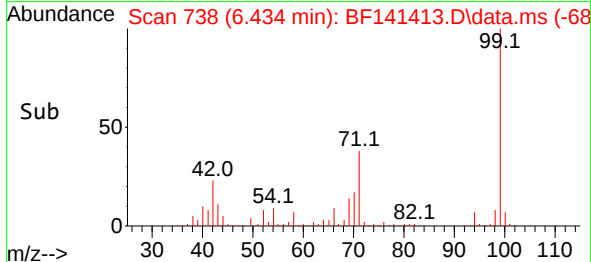
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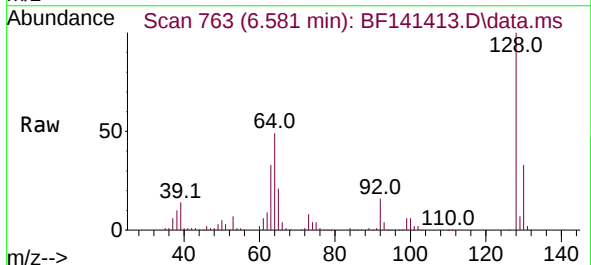
Tgt Ion: 99 Resp: 726509
Ion Ratio Lower Upper
99 100
42 23.2 17.1 25.7
71 38.1 26.9 40.3

Manual Integrations
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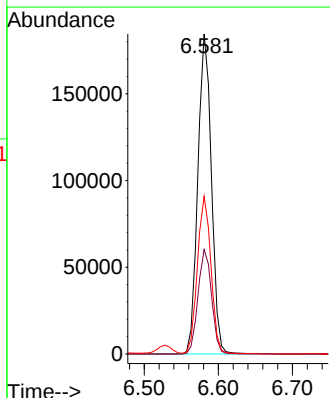
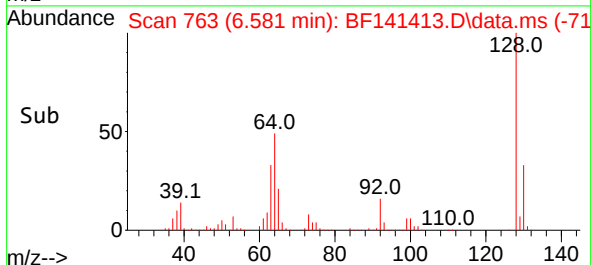
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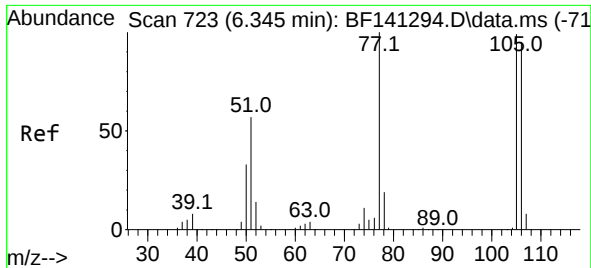


#8
2-Chlorophenol
Concen: 46.763 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22



Tgt Ion:128 Resp: 234202
Ion Ratio Lower Upper
128 100
130 32.7 12.5 52.5
64 49.3 32.9 72.9





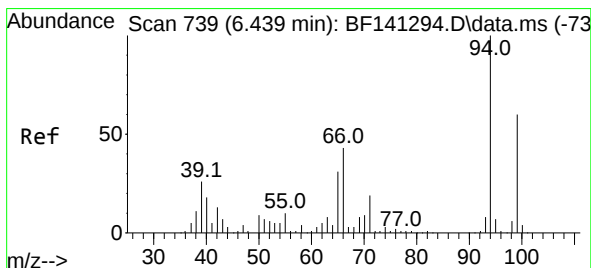
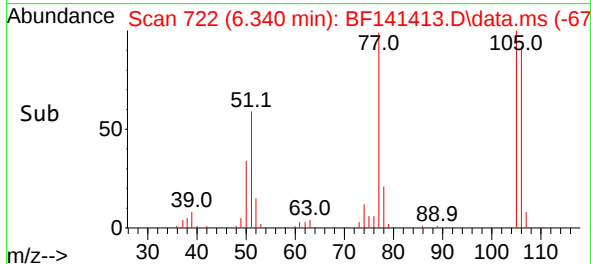
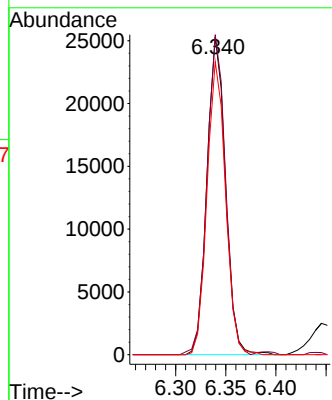
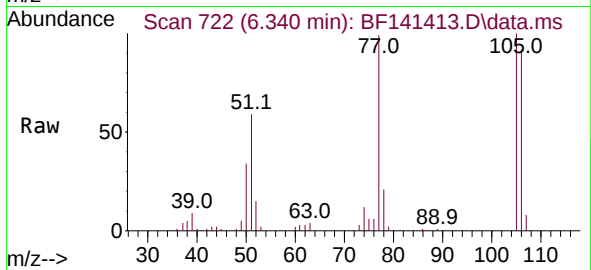
#9
Benzaldehyde
Concen: 9.448 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

Instrument :
BNA_F
ClientSampleId :
286MS

Tgt Ion: 77 Resp: 3253
Ion Ratio Lower Upper
77 100
105 100.7 79.4 119.4
106 92.2 74.6 114.6

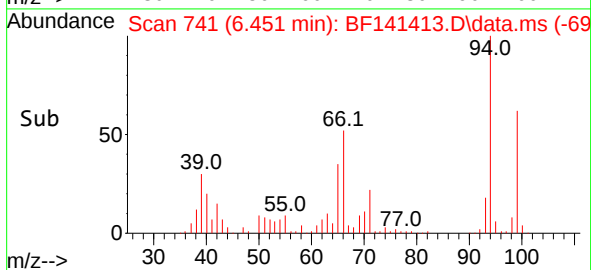
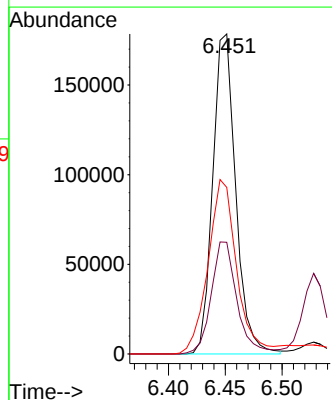
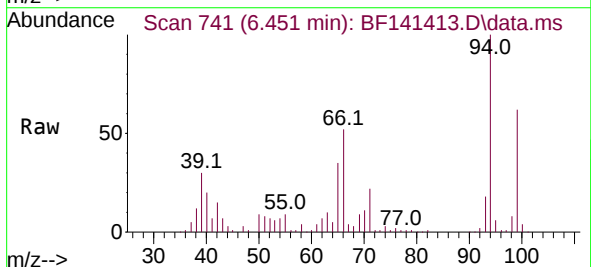
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APPROVED

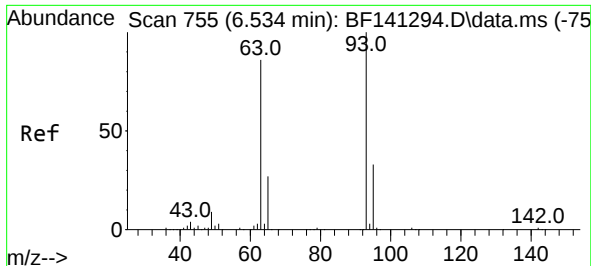
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#10
Phenol
Concen: 39.764 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

Tgt Ion: 94 Resp: 250561
Ion Ratio Lower Upper
94 100
65 34.9 10.8 50.8
66 52.1 23.3 63.3





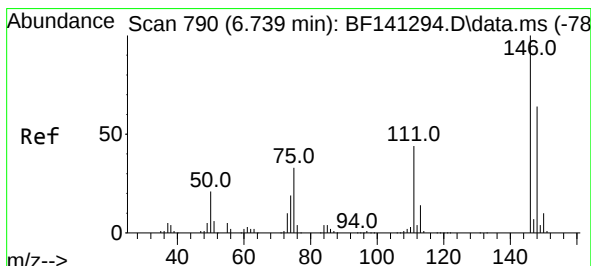
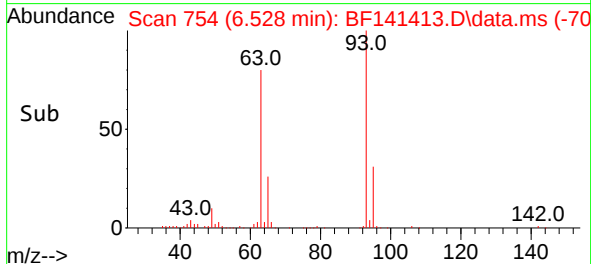
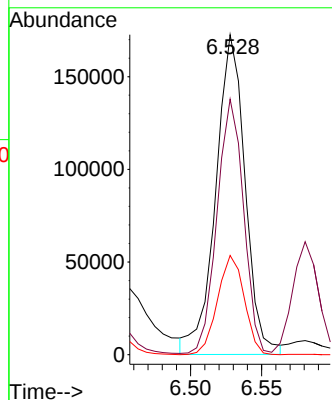
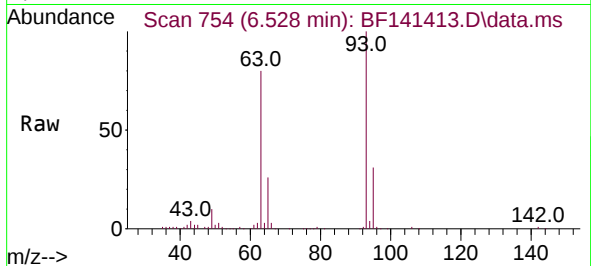
#11
bis(2-Chloroethyl)ether
Concen: 51.381 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.018 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

Instrument :
BNA_F
ClientSampleId :
286MS

Tgt Ion: 93 Resp: 24824
Ion Ratio Lower Upper
93 100
63 79.9 65.0 105.0
95 31.0 12.4 52.4

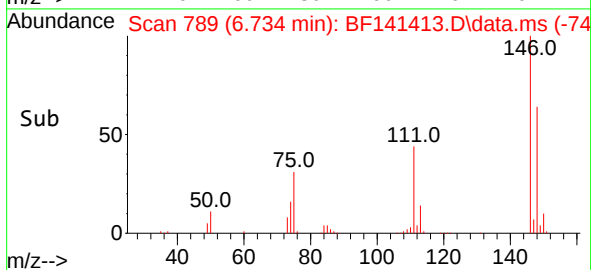
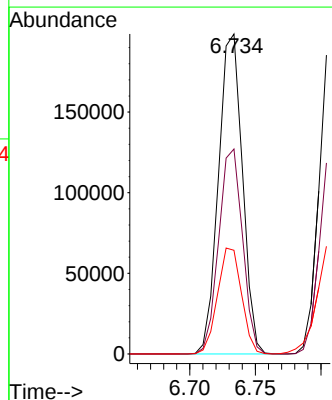
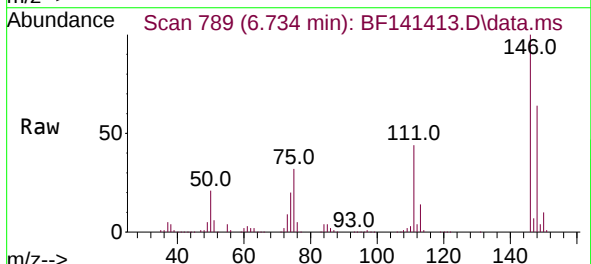
Manual Integrations
APPROVED

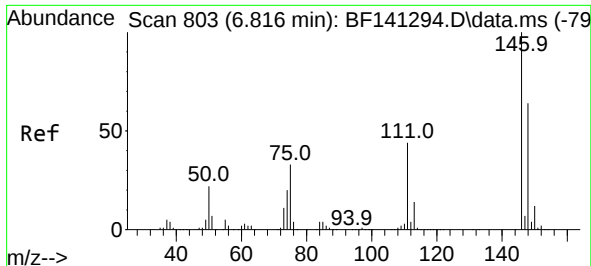
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#12
1,3-Dichlorobenzene
Concen: 45.598 ng
RT: 6.734 min Scan# 789
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

Tgt Ion:146 Resp: 251801
Ion Ratio Lower Upper
146 100
148 64.1 51.2 76.8
75 32.4 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 45.174 ng

RT: 6.810 min Scan# 803

Delta R.T. -0.012 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

Instrument :

BNA_F

ClientSampleId :

286MS

Tgt Ion:146 Resp: 250600

Ion Ratio Lower Upper

146 100

148 64.4 51.2 76.8

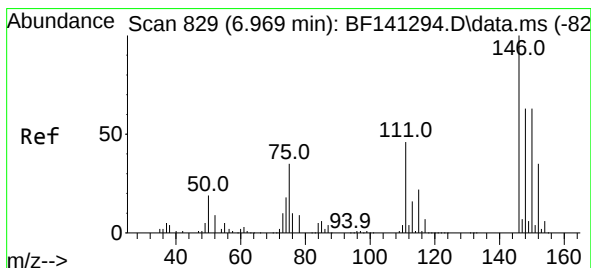
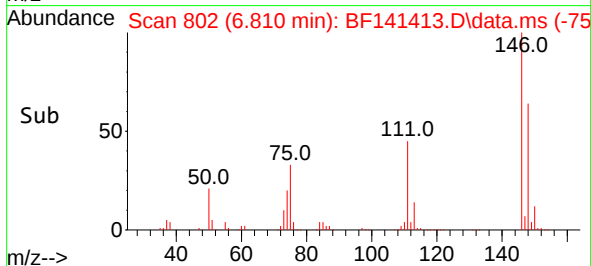
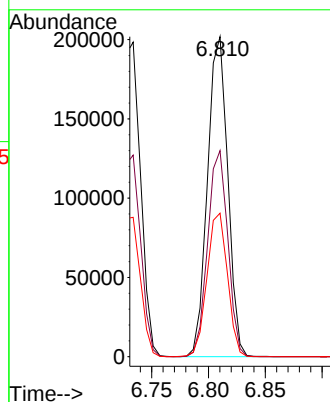
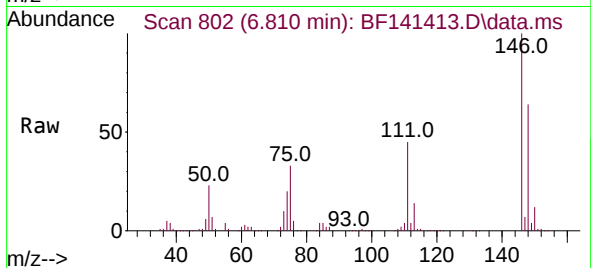
111 44.9 35.0 52.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#14

1,2-Dichlorobenzene

Concen: 46.240 ng

RT: 6.957 min Scan# 827

Delta R.T. -0.018 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

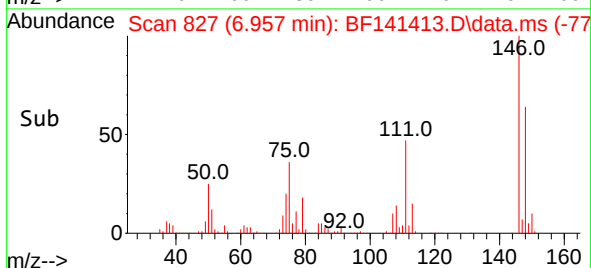
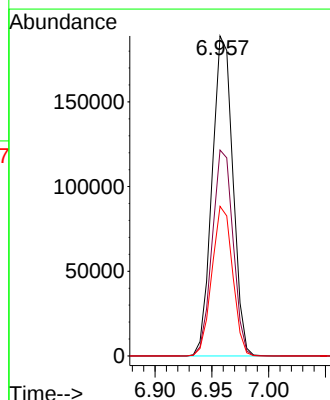
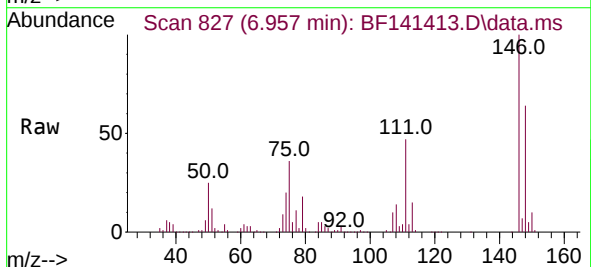
Tgt Ion:146 Resp: 240203

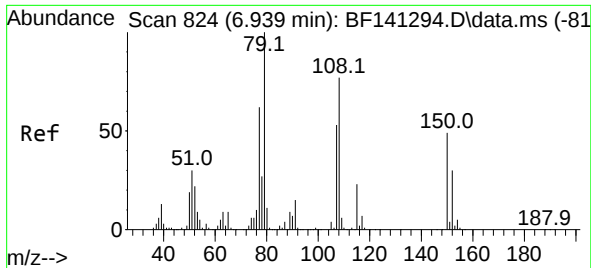
Ion Ratio Lower Upper

146 100

148 64.3 50.5 75.7

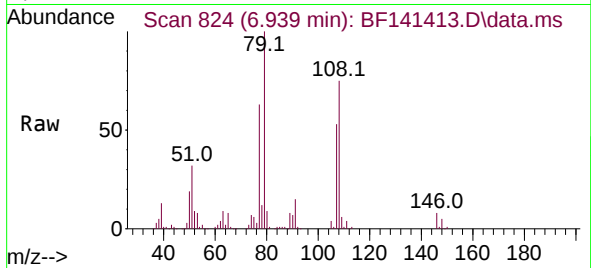
111 46.7 36.6 55.0





#15
Benzyl Alcohol
Concen: 50.178 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

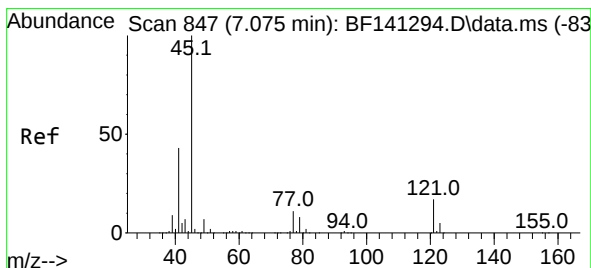
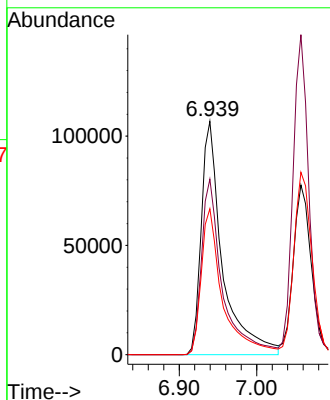
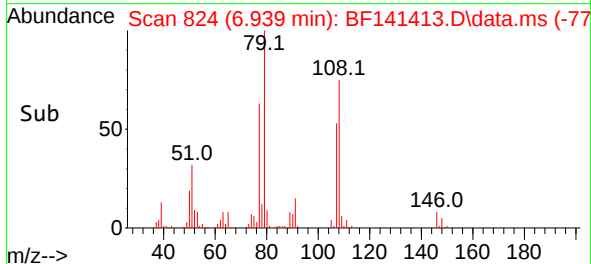
Instrument :
BNA_F
ClientSampleId :
286MS



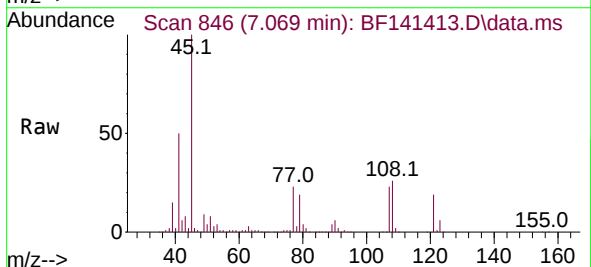
Tgt Ion: 79 Resp: 203830
Ion Ratio Lower Upper
79 100
108 75.3 61.4 92.0
77 62.5 49.9 74.9

Manual Integrations
APPROVED

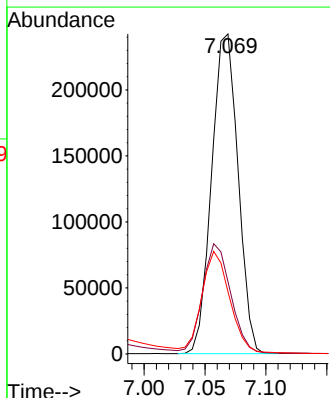
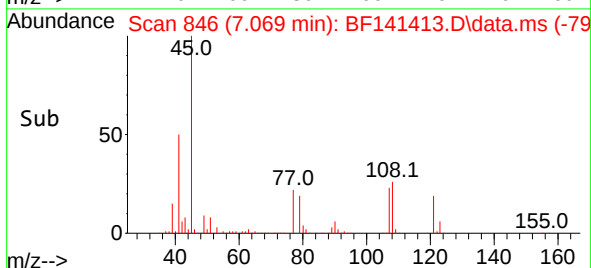
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

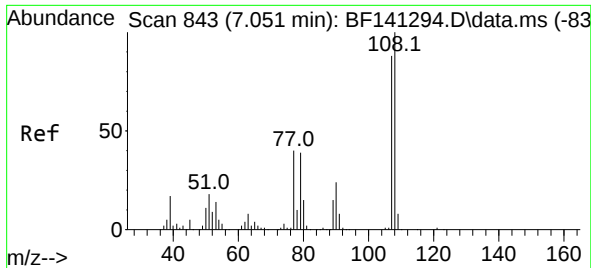


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.510 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22



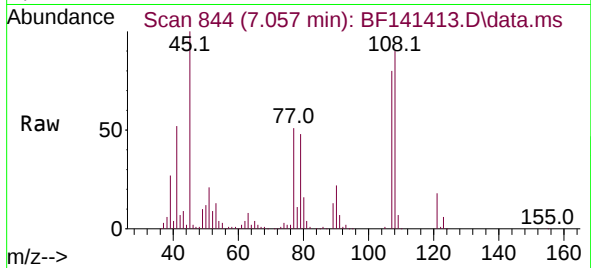
Tgt Ion: 45 Resp: 365547
Ion Ratio Lower Upper
45 100
77 22.6 0.0 31.8
79 19.5 0.0 29.1





#17
2-Methylphenol
Concen: 45.214 ng
RT: 7.057 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

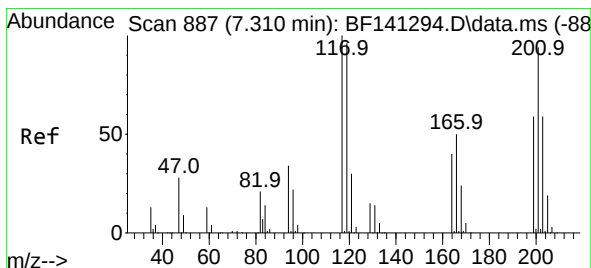
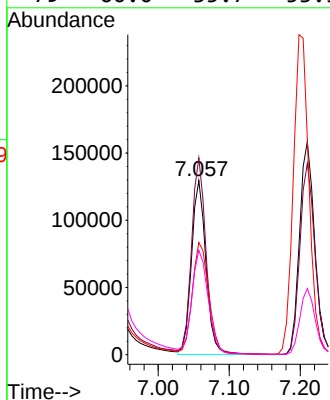
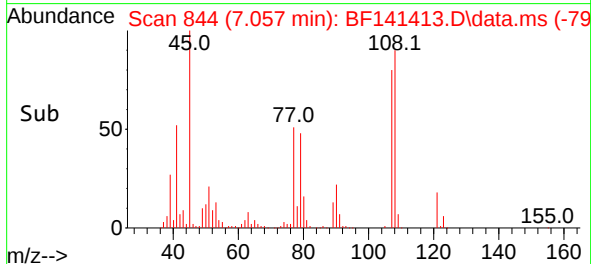
Instrument :
BNA_F
ClientSampleId :
286MS



Tgt Ion:107 Resp: 18404
Ion Ratio Lower Upper
107 100
108 113.1 90.8 136.2
77 64.4 36.2 54.4
79 60.0 35.7 53.5#

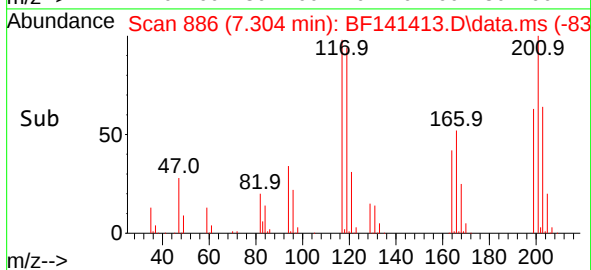
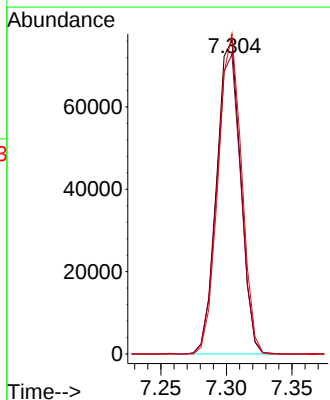
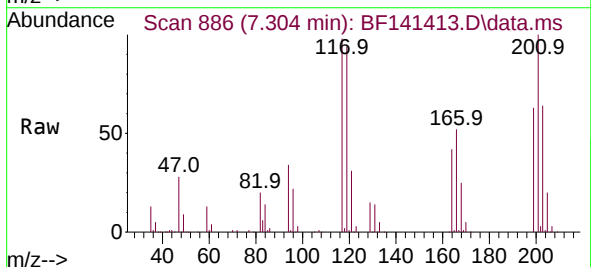
Manual Integrations
APPROVED

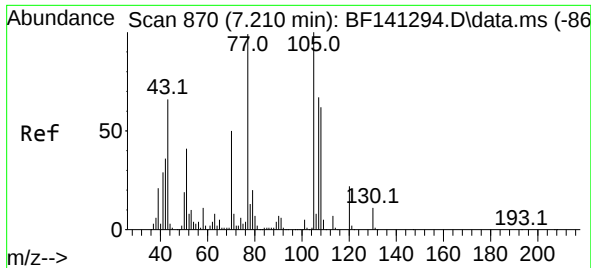
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#18
Hexachloroethane
Concen: 47.257 ng
RT: 7.304 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

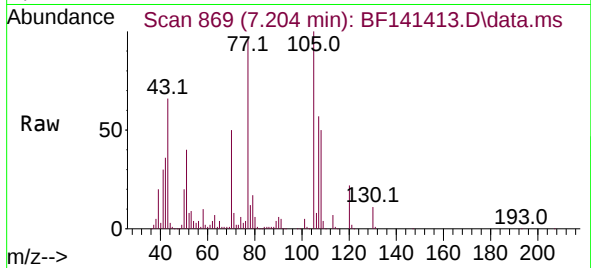
Tgt Ion:117 Resp: 96713
Ion Ratio Lower Upper
117 100
119 95.5 76.6 114.8
201 102.0 74.8 112.2





#19
n-Nitroso-di-n-propylamine
Concen: 47.776 ng
RT: 7.204 min Scan# 80
Delta R.T. -0.024 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

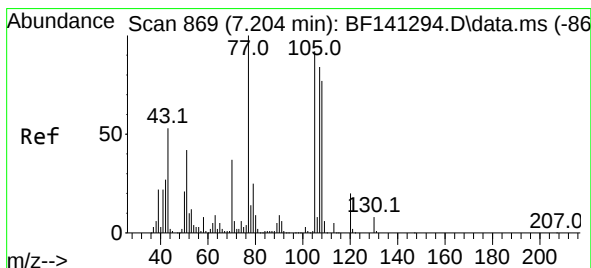
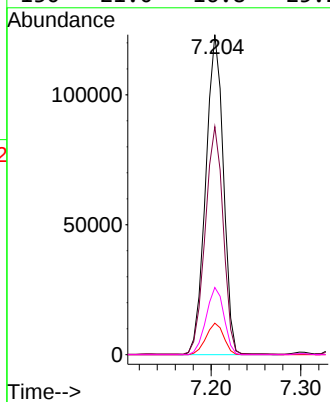
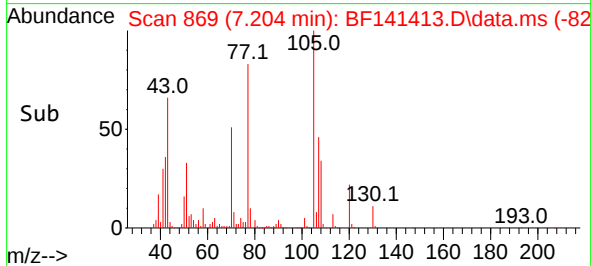
Instrument :
BNA_F
ClientSampleId :
286MS



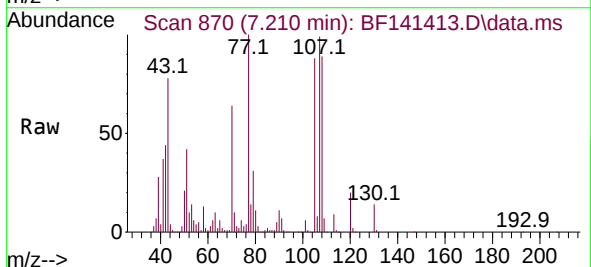
Tgt Ion: 70 Resp: 168744
Ion Ratio Lower Upper
70 100
42 71.2 56.8 85.2
101 9.9 7.7 11.5
130 21.0 16.8 25.2

Manual Integrations
APPROVED

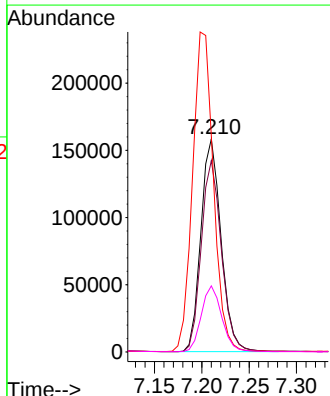
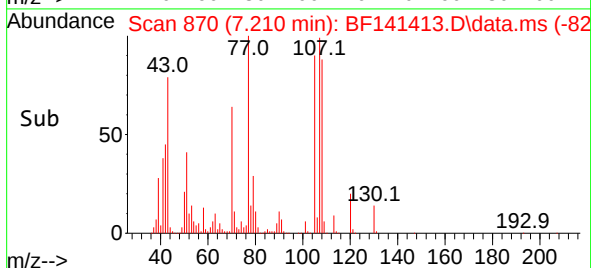
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

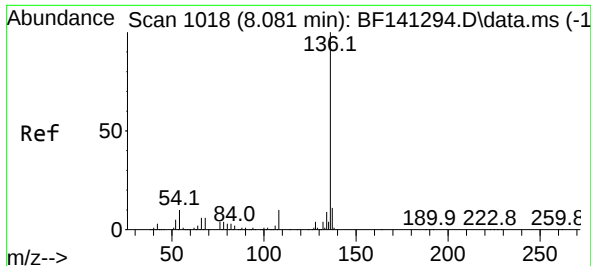


#20
3+4-Methylphenols
Concen: 46.944 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22



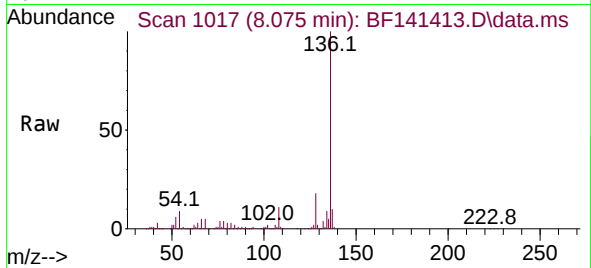
Tgt Ion:107 Resp: 234616
Ion Ratio Lower Upper
107 100
108 89.9 70.9 110.9
77 101.5 98.5 138.5
79 31.0 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

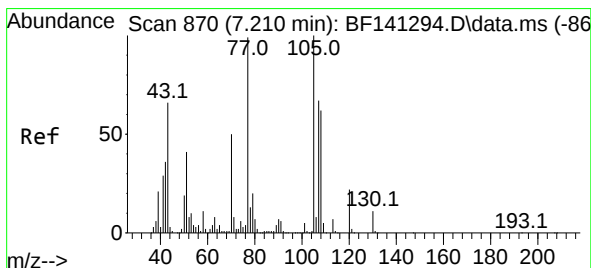
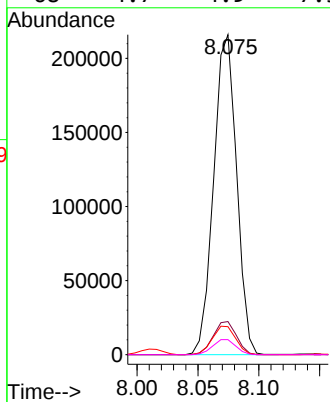
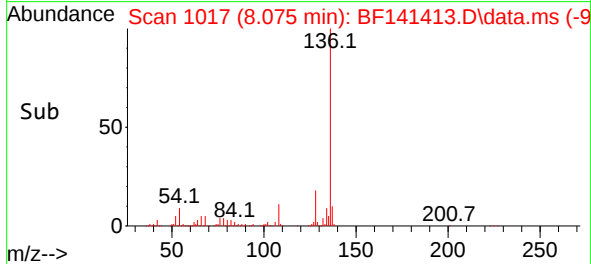
Instrument :
BNA_F
ClientSampleId :
286MS



Tgt Ion:136 Resp: 282983
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 8.7 7.8 11.8
68 4.7 4.9 7.3#

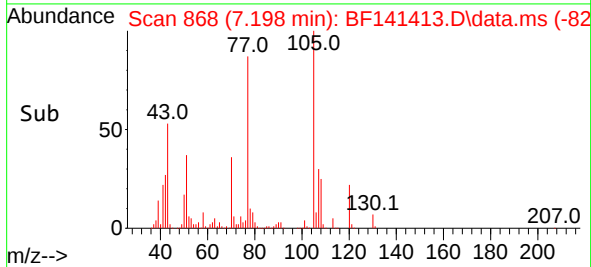
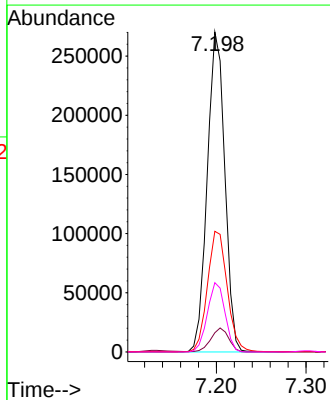
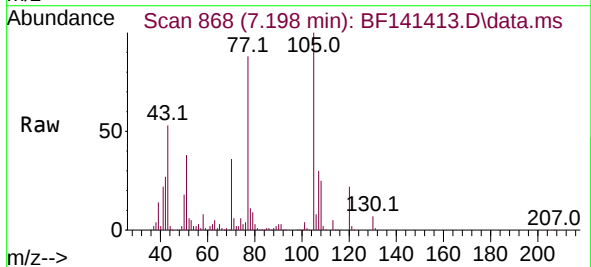
Manual Integrations
APPROVED

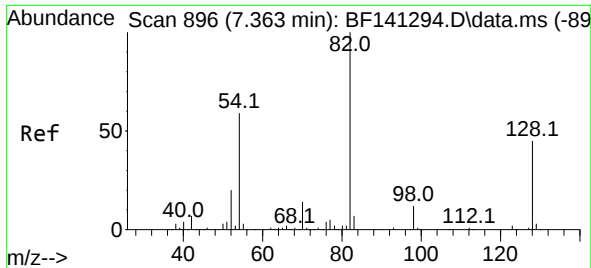
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#22
Acetophenone
Concen: 54.669 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

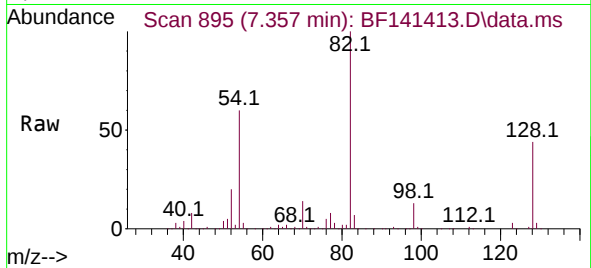
Tgt Ion:105 Resp: 367727
Ion Ratio Lower Upper
105 100
71 6.0 6.8 10.2#
51 37.7 32.6 49.0
120 21.7 17.4 26.0





#23
Nitrobenzene-d5
Concen: 101.751 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

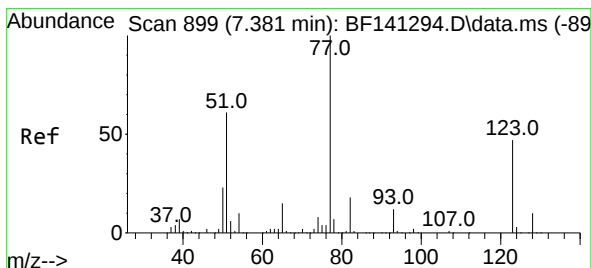
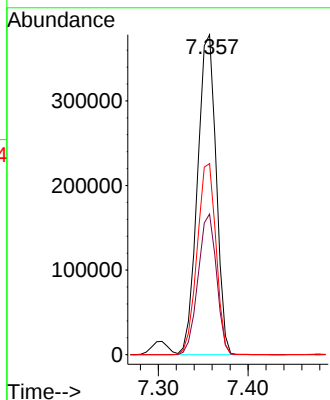
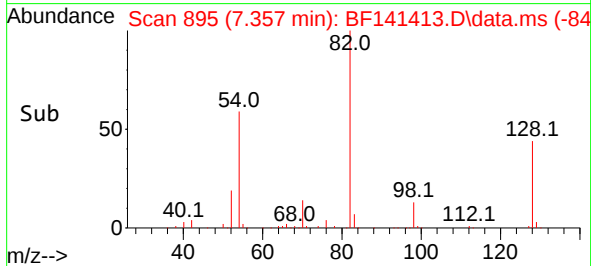
Instrument :
BNA_F
ClientSampleId :
286MS



Tgt Ion: 82 Resp: 54620
Ion Ratio Lower Upper
82 100
128 44.0 35.7 53.5
54 59.7 47.1 70.7

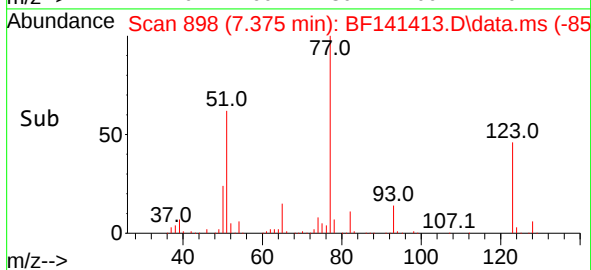
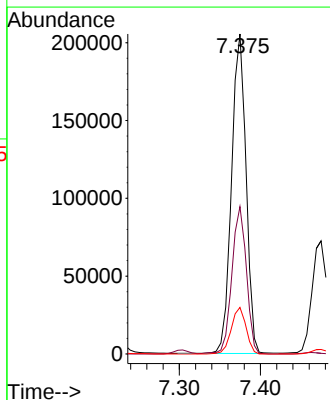
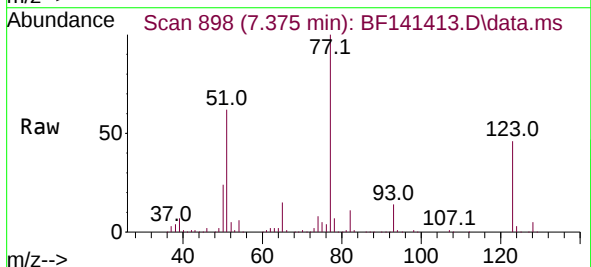
Manual Integrations
APPROVED

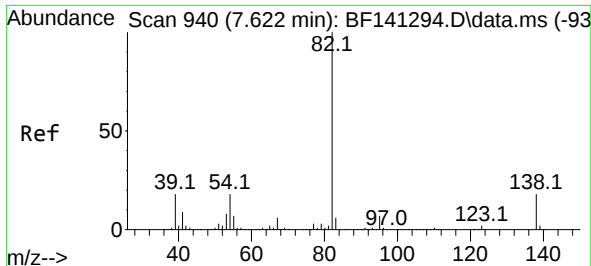
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#24
Nitrobenzene
Concen: 45.771 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.018 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

Tgt Ion: 77 Resp: 254617
Ion Ratio Lower Upper
77 100
123 46.0 37.3 55.9
65 14.5 11.8 17.6





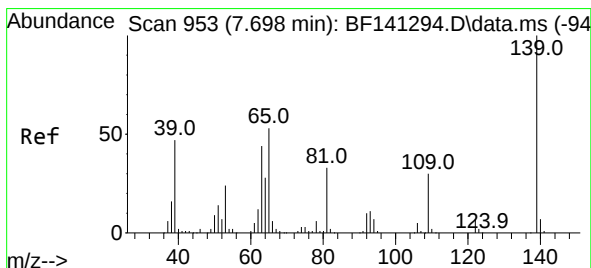
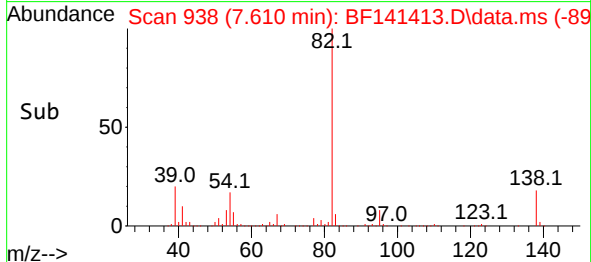
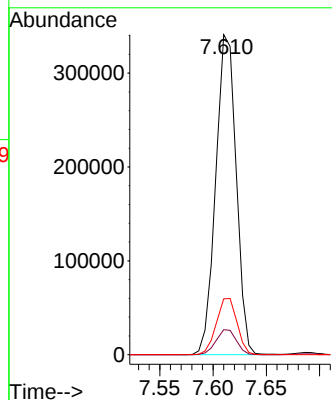
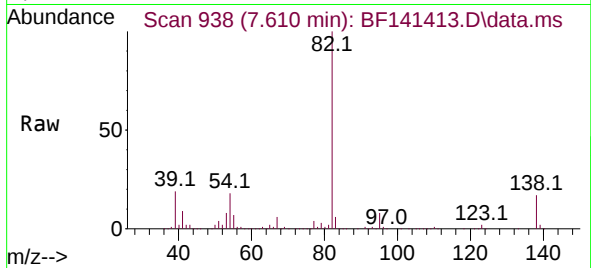
#25
Isophorone
Concen: 49.118 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.018 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

Instrument :
BNA_F
ClientSampleId :
286MS

Tgt Ion: 82 Resp: 455768
Ion Ratio Lower Upper
82 100
95 7.8 5.8 8.6
138 17.5 14.7 22.1

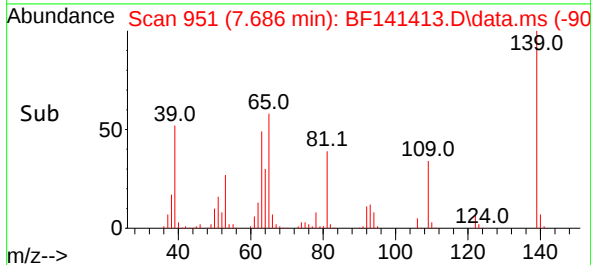
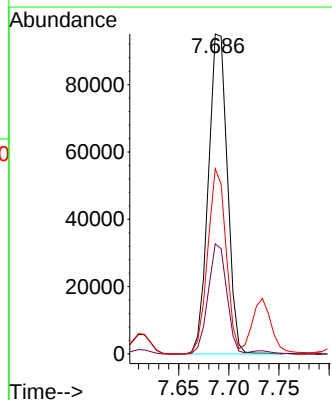
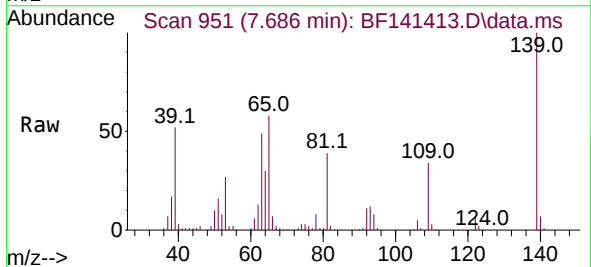
Manual Integrations
APPROVED

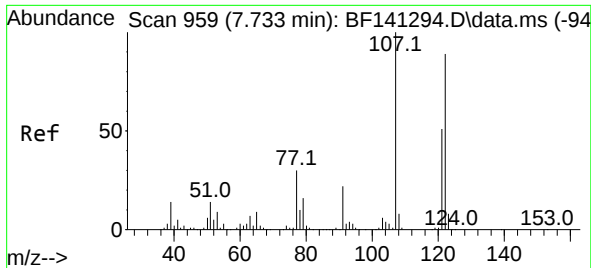
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#26
2-Nitrophenol
Concen: 47.848 ng
RT: 7.686 min Scan# 951
Delta R.T. -0.018 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

Tgt Ion:139 Resp: 125531
Ion Ratio Lower Upper
139 100
109 34.4 23.8 35.6
65 57.9 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 59.797 ng m

RT: 7.734 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

Instrument :

BNA_F

ClientSampleId :

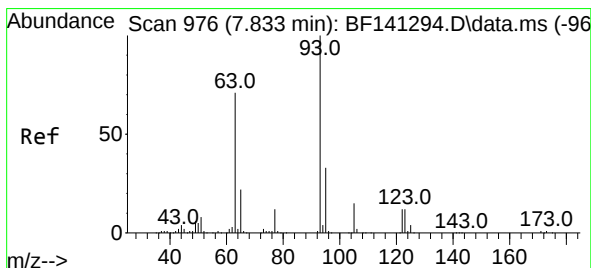
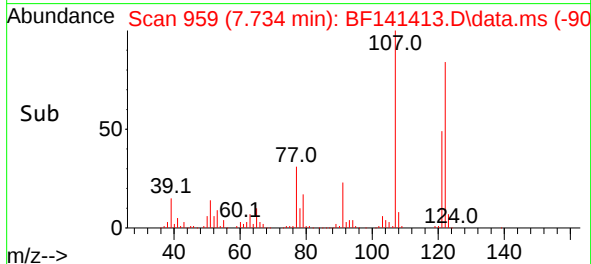
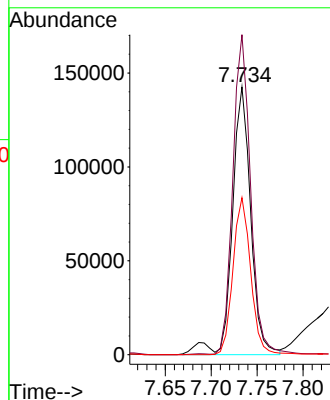
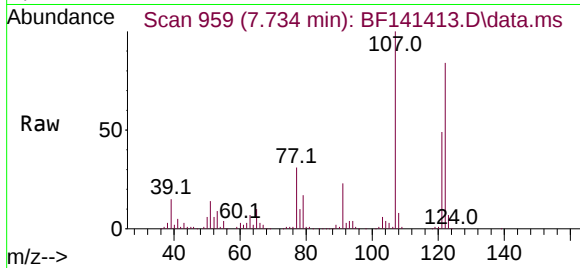
286MS

Tgt Ion:122 Resp: 199684
 Ion Ratio Lower Upper
 122 100
 107 119.6 89.9 134.9
 121 58.6 46.1 69.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025
 Supervised By :mohammad ahmed 02/05/2025



#28

bis(2-Chloroethoxy)methane

Concen: 46.102 ng

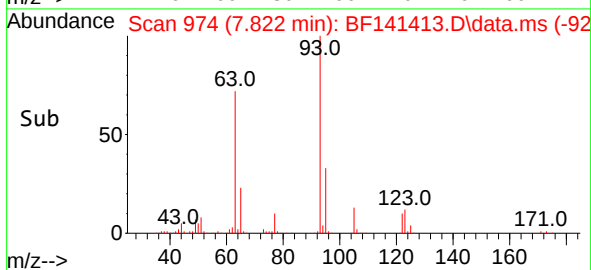
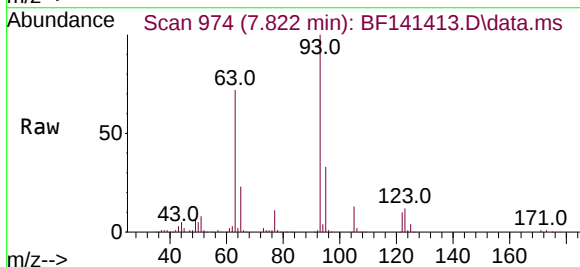
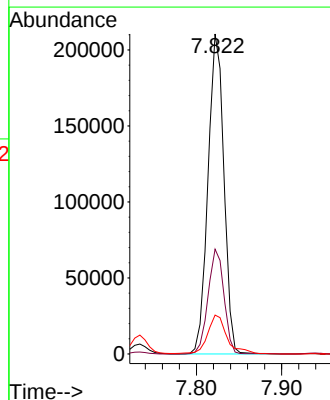
RT: 7.822 min Scan# 974

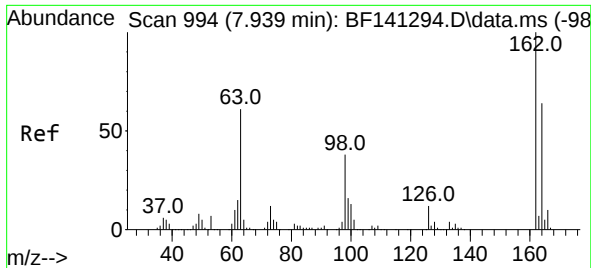
Delta R.T. -0.018 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

Tgt Ion: 93 Resp: 272873
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.2 39.2
 123 12.2 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 48.168 ng

RT: 7.939 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141413.D

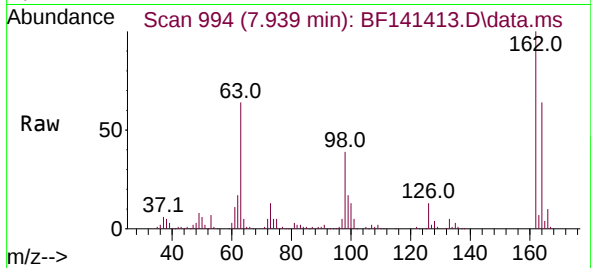
Acq: 04 Feb 2025 17:22

Instrument :

BNA_F

ClientSampleId :

286MS



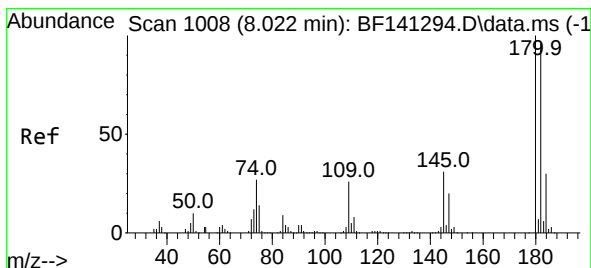
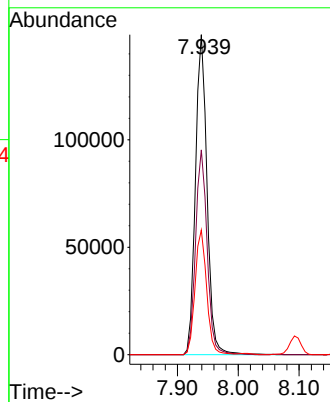
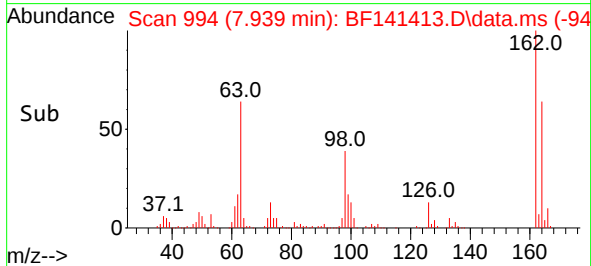
Tgt Ion:	162	Resp:	19691
Ion Ratio	Lower	Upper	
162	100		
164	64.0	44.2	84.2
98	38.9	18.2	58.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#30

1,2,4-Trichlorobenzene

Concen: 46.422 ng

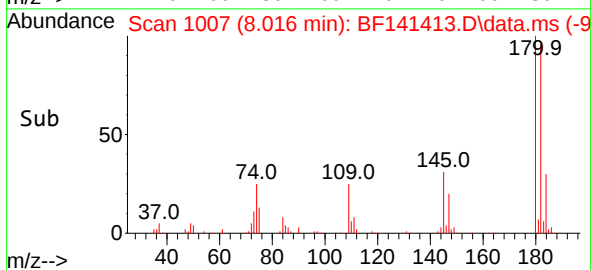
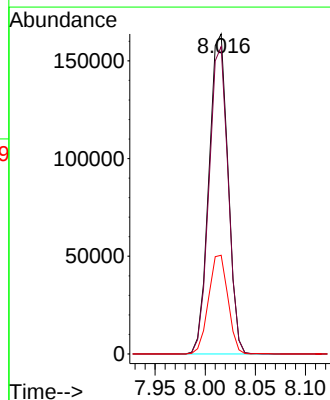
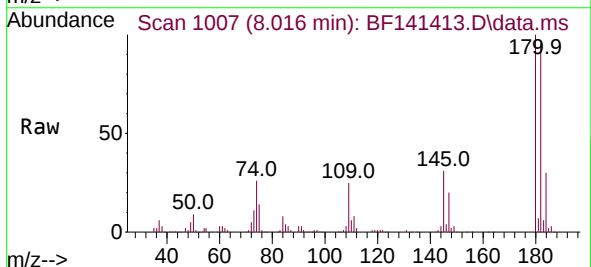
RT: 8.016 min Scan# 1007

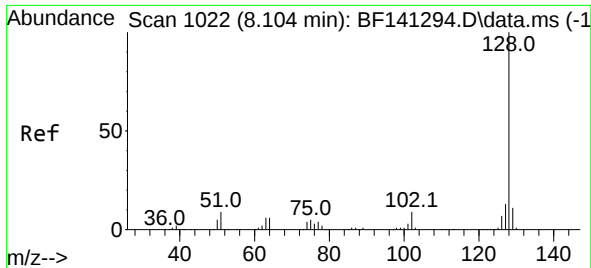
Delta R.T. -0.012 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

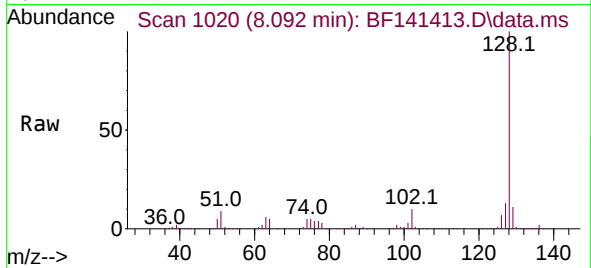
Tgt Ion:	180	Resp:	216732
Ion Ratio	Lower	Upper	
180	100		
182	96.1	76.4	114.6
145	30.8	24.9	37.3





#31
Naphthalene
Concen: 46.159 ng
RT: 8.092 min Scan# 1022
Delta R.T. -0.018 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

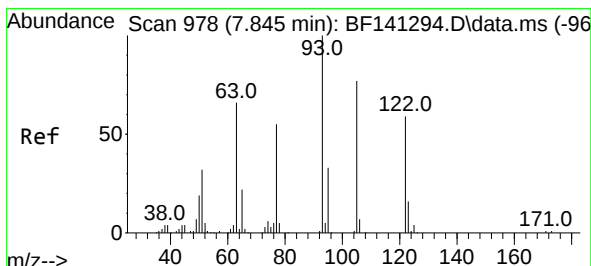
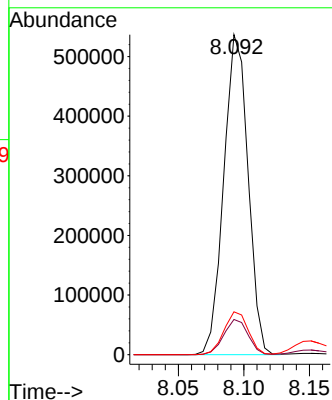
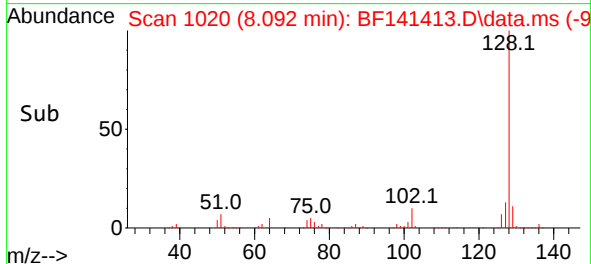
Instrument :
BNA_F
ClientSampleId :
286MS



Tgt Ion:128 Resp: 690045
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.4 10.6 15.8

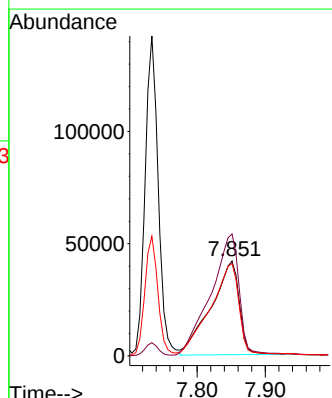
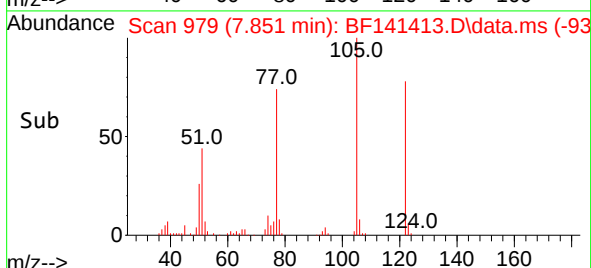
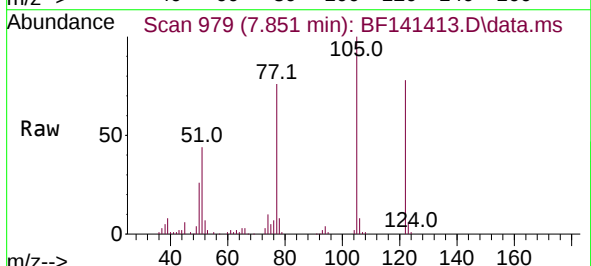
Manual Integrations
APPROVED

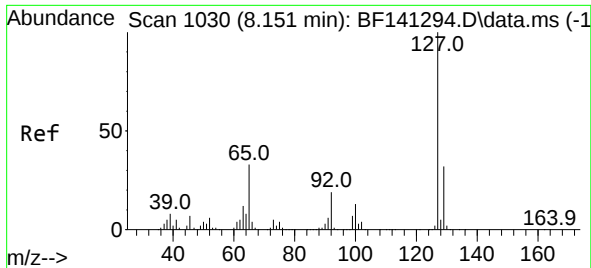
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#32
Benzoic acid
Concen: 39.121 ng
RT: 7.851 min Scan# 979
Delta R.T. -0.030 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

Tgt Ion:122 Resp: 120094
Ion Ratio Lower Upper
122 100
105 128.7 103.4 143.4
77 97.4 70.9 110.9





#33

4-Chloroaniline

Concen: 10.870 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

Instrument :

BNA_F

ClientSampleId :

286MS

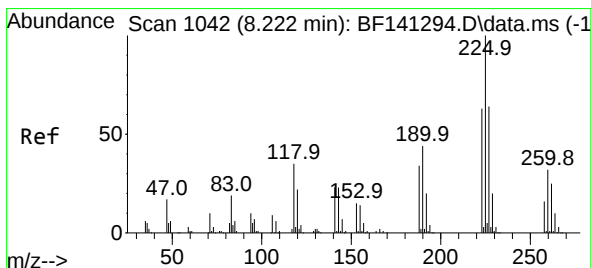
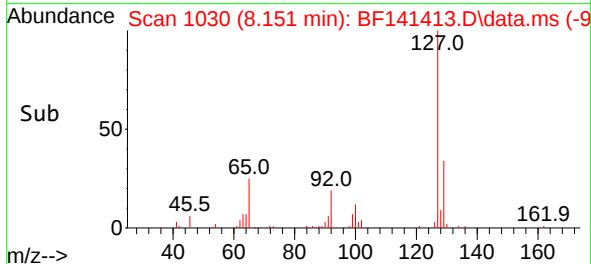
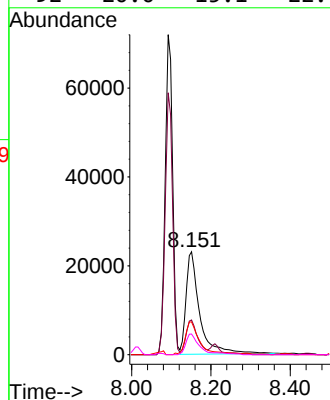
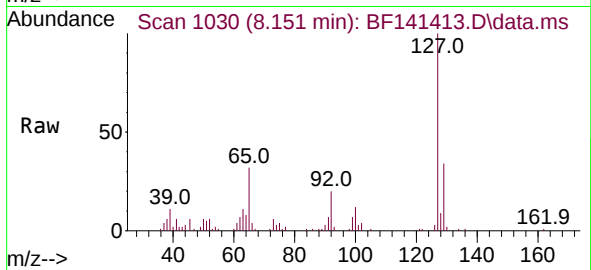
Tgt Ion:	127	Resp:	5510
Ion Ratio	Lower	Upper	
127	100		
129	33.8	25.7	38.5
65	31.8	26.4	39.6
92	20.0	15.1	22.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#34

Hexachlorobutadiene

Concen: 48.998 ng

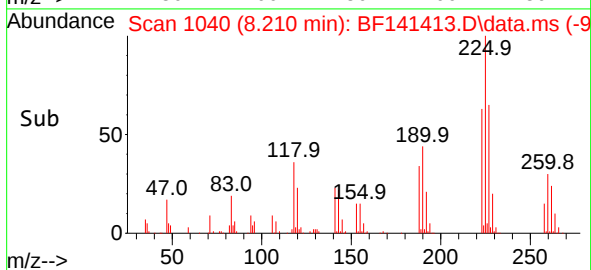
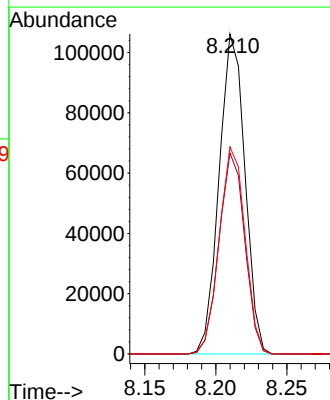
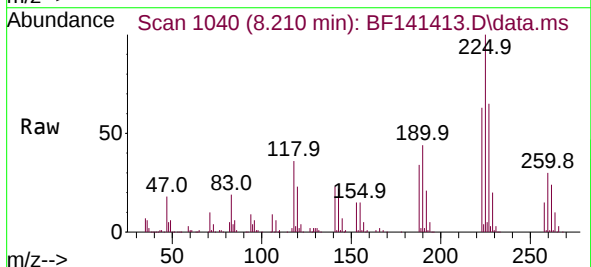
RT: 8.210 min Scan# 1040

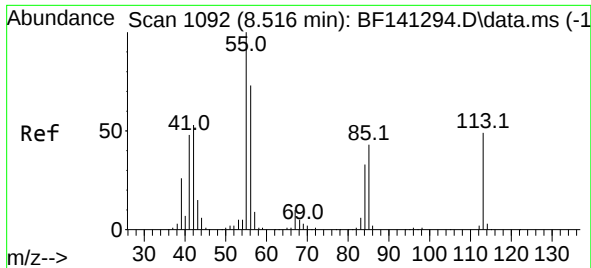
Delta R.T. -0.012 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

Tgt Ion:	225	Resp:	134151
Ion Ratio	Lower	Upper	
225	100		
223	62.8	50.4	75.6
227	64.7	51.3	76.9





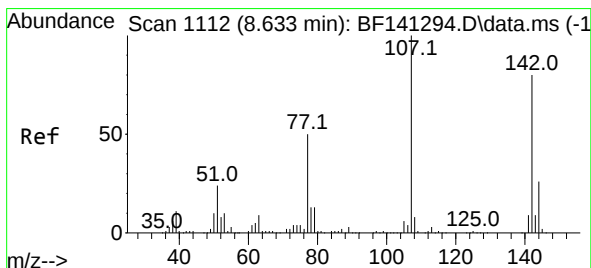
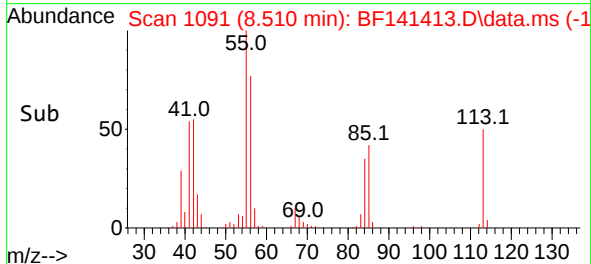
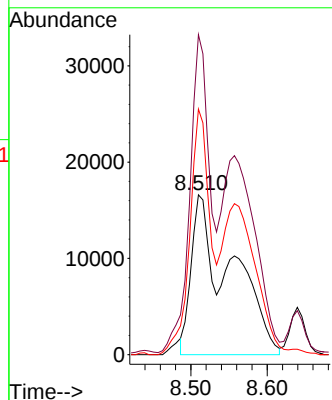
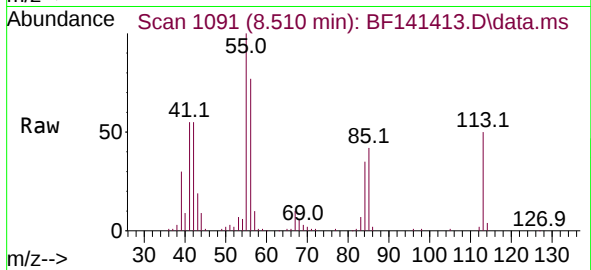
#35
Caprolactam
Concen: 44.747 ng m
RT: 8.510 min Scan# 1092
Delta R.T. -0.035 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

Instrument :
BNA_F
ClientSampleId :
286MS

Tgt Ion:113 Resp: 5974
Ion Ratio Lower Upper
113 100
55 200.2 182.9 222.9
56 153.7 127.9 167.9

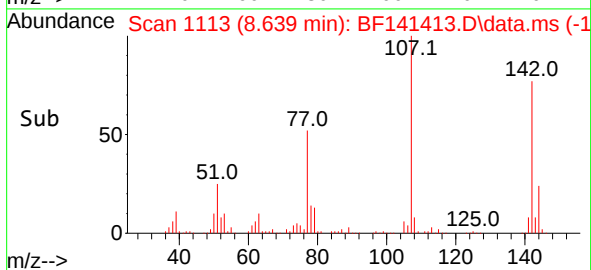
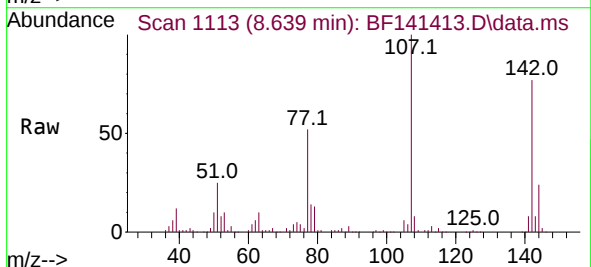
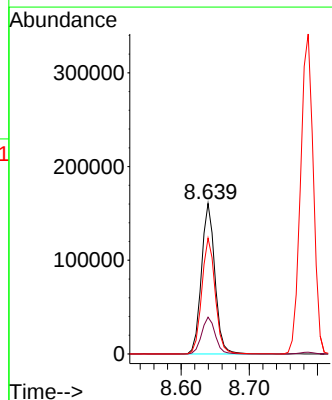
Manual Integrations
APPROVED

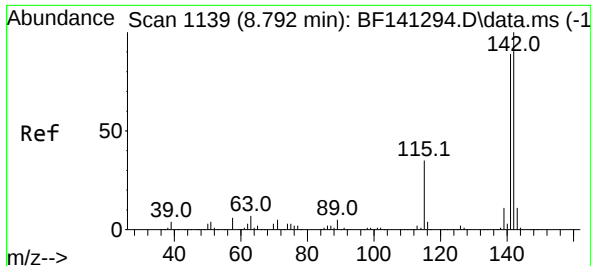
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#36
4-Chloro-3-methylphenol
Concen: 50.336 ng
RT: 8.639 min Scan# 1113
Delta R.T. -0.000 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

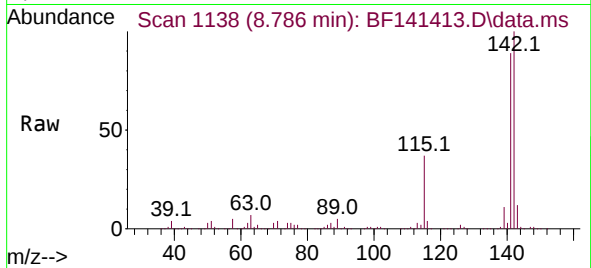
Tgt Ion:107 Resp: 220728
Ion Ratio Lower Upper
107 100
144 24.5 20.7 31.1
142 76.9 63.8 95.8





#37
2-Methylnaphthalene
Concen: 46.709 ng
RT: 8.786 min Scan# 1138
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

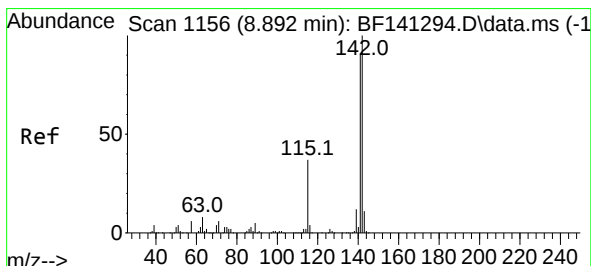
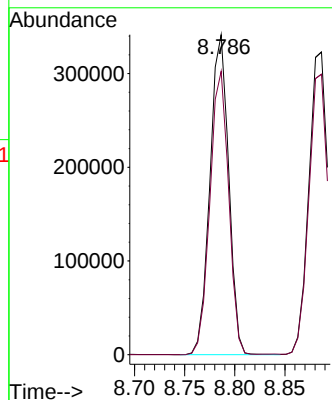
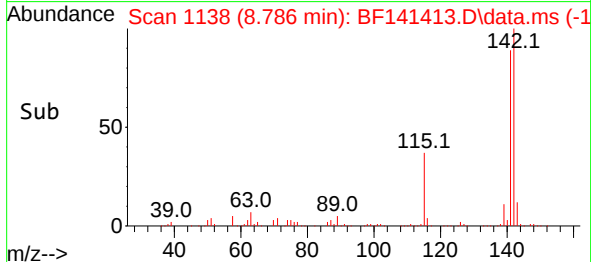
Instrument :
BNA_F
ClientSampleId :
286MS



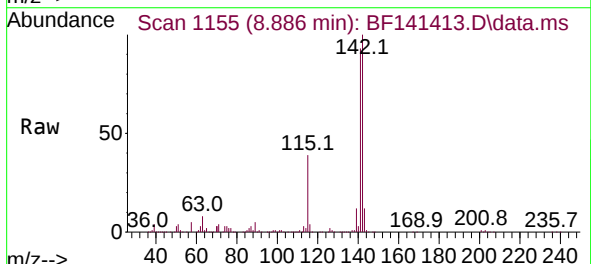
Tgt Ion:142 Resp: 44380
Ion Ratio Lower Upper
142 100
141 88.5 71.3 106.9

Manual Integrations
APPROVED

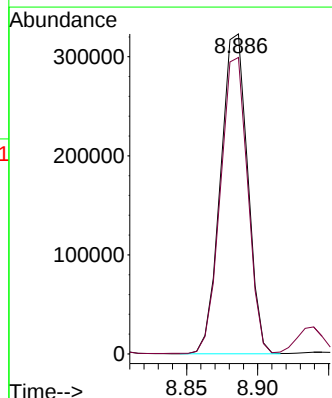
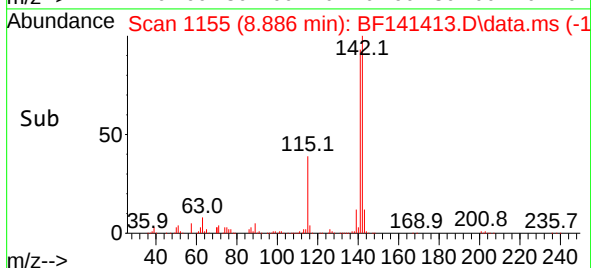
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

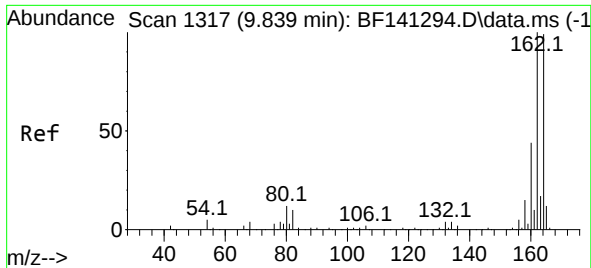


#38
1-Methylnaphthalene
Concen: 45.890 ng
RT: 8.886 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22



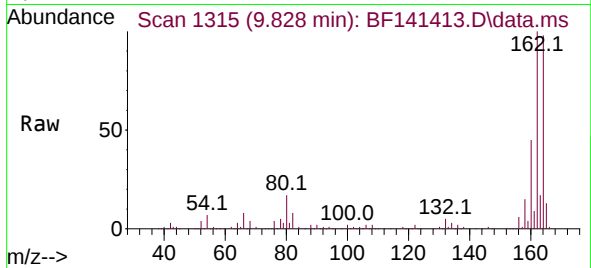
Tgt Ion:142 Resp: 428312
Ion Ratio Lower Upper
142 100
141 92.7 73.2 109.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

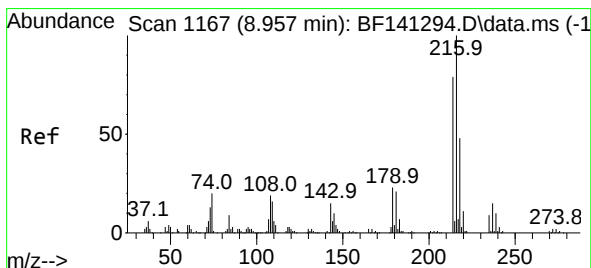
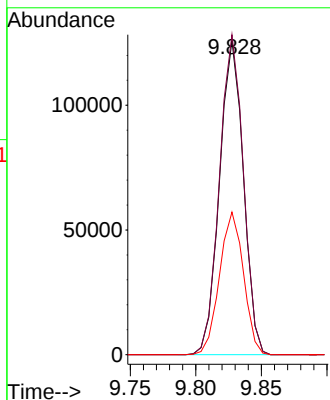
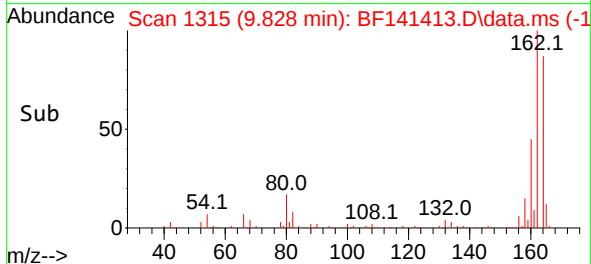
Instrument :
BNA_F
ClientSampleId :
286MS



Tgt Ion:164 Resp: 159062
Ion Ratio Lower Upper
164 100
162 102.0 80.6 121.0
160 45.4 35.8 53.6

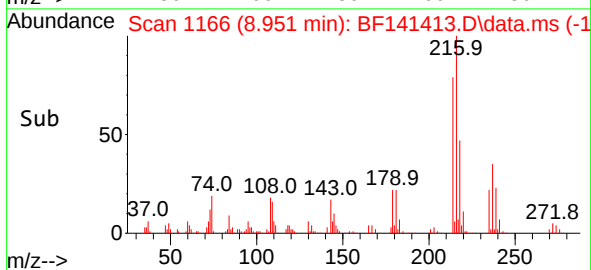
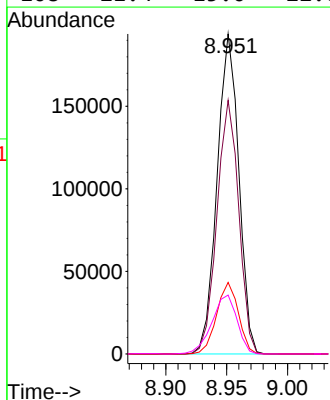
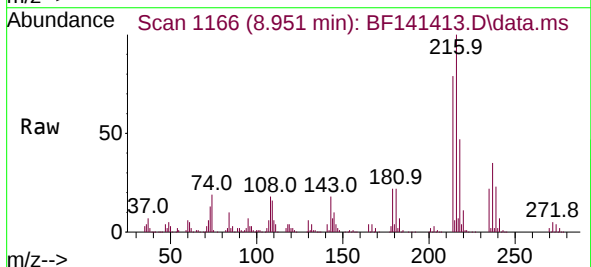
Manual Integrations
APPROVED

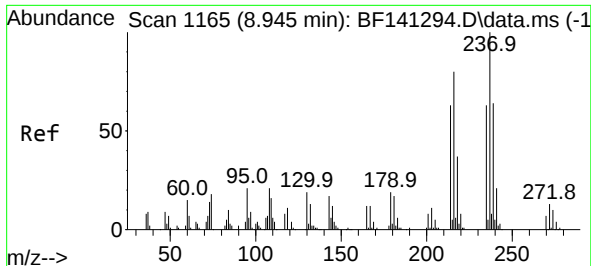
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.092 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

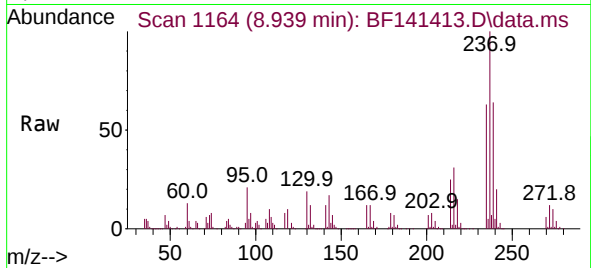
Tgt Ion:216 Resp: 240249
Ion Ratio Lower Upper
216 100
214 79.4 63.2 94.8
179 22.4 17.8 26.8
108 21.4 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 213.957 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

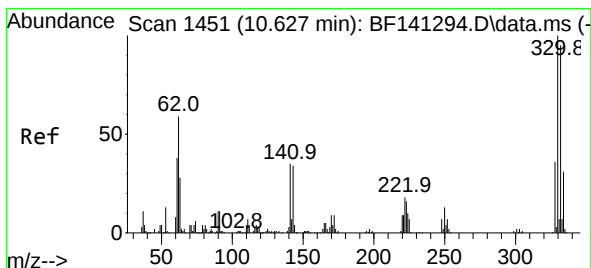
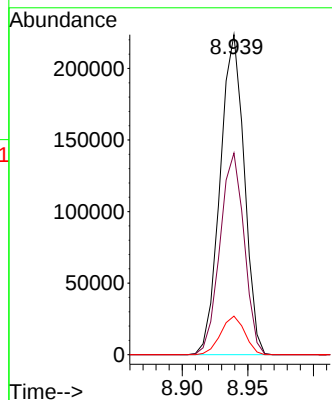
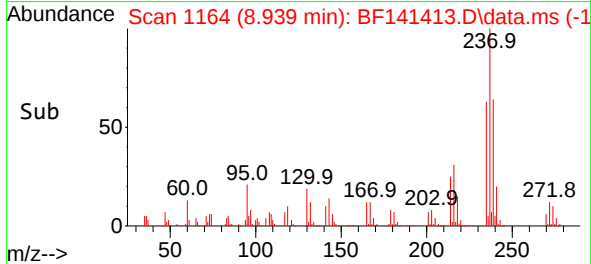
Instrument :
BNA_F
ClientSampleId :
286MS



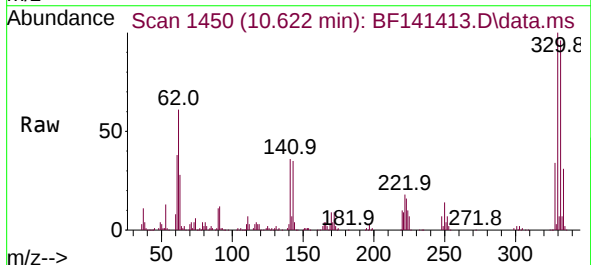
Tgt Ion:237 Resp: 28593
Ion Ratio Lower Upper
237 100
235 63.0 42.9 82.9
272 12.1 0.0 32.8

Manual Integrations
APPROVED

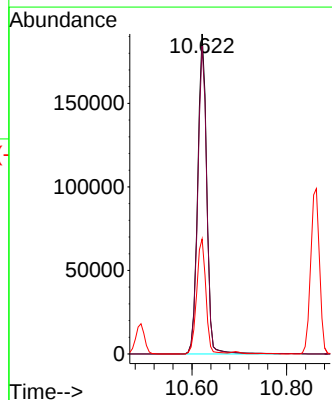
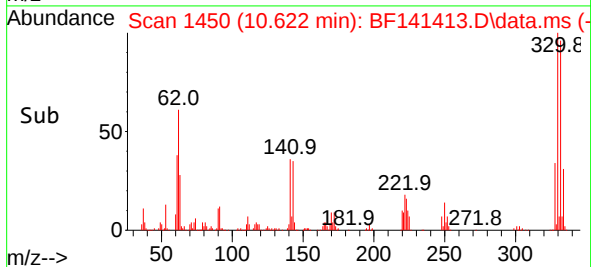
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

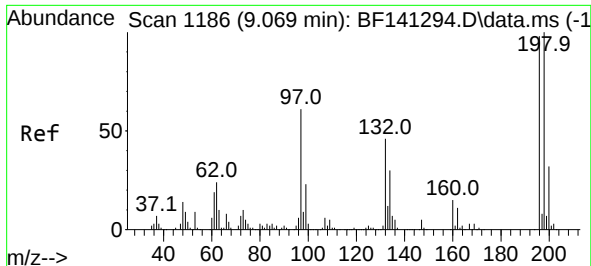


#42
2,4,6-Tribromophenol
Concen: 173.642 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22



Tgt Ion:330 Resp: 253210
Ion Ratio Lower Upper
330 100
332 95.9 76.1 114.1
141 36.7 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 47.866 ng

RT: 9.069 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF141413.D

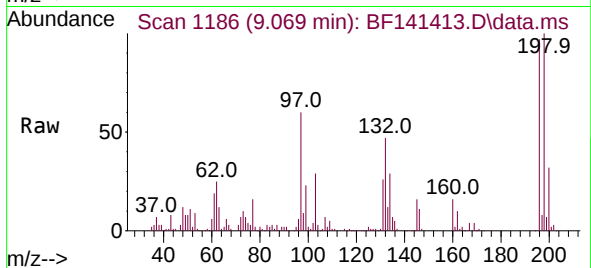
Acq: 04 Feb 2025 17:22

Instrument :

BNA_F

ClientSampleId :

286MS



Tgt Ion:196 Resp: 141772

Ion Ratio Lower Upper

196 100

198 102.6 81.8 122.6

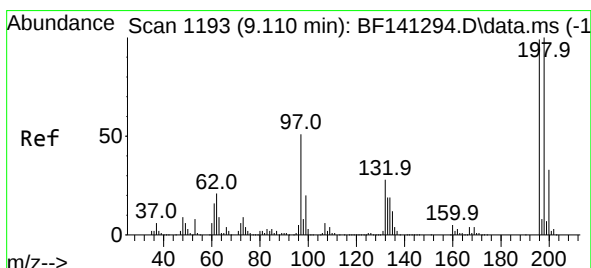
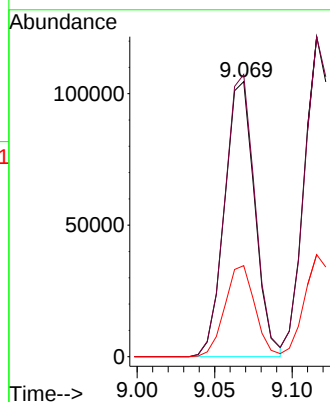
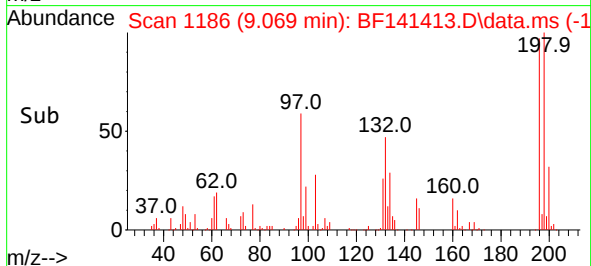
200 33.1 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#44

2,4,5-Trichlorophenol

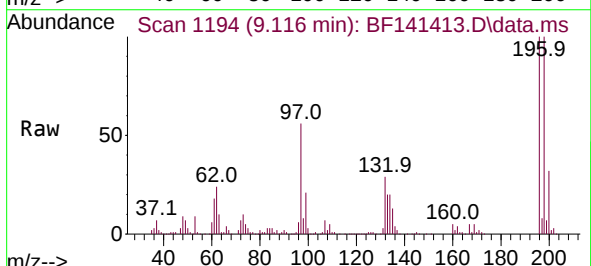
Concen: 49.444 ng

RT: 9.116 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22



Tgt Ion:196 Resp: 159389

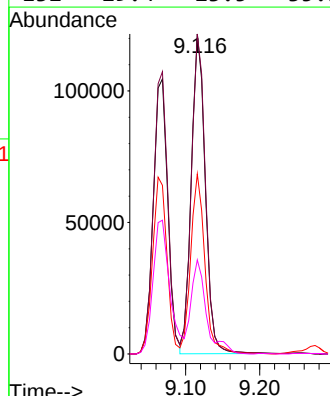
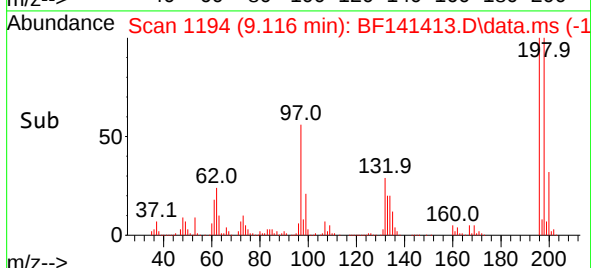
Ion Ratio Lower Upper

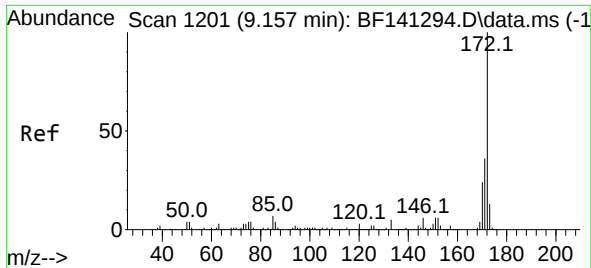
196 100

198 99.9 80.5 120.7

97 56.3 42.8 64.2

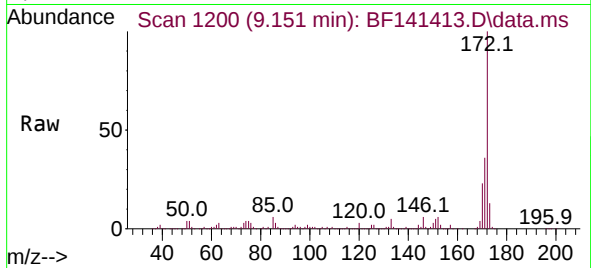
132 29.4 23.5 35.3





#45
2-Fluorobiphenyl
Concen: 101.944 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

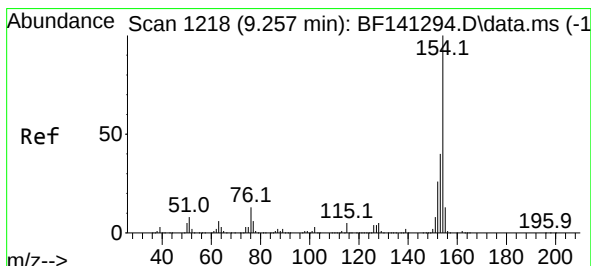
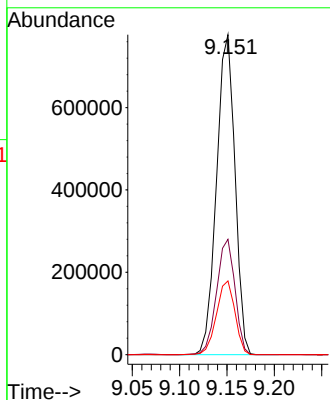
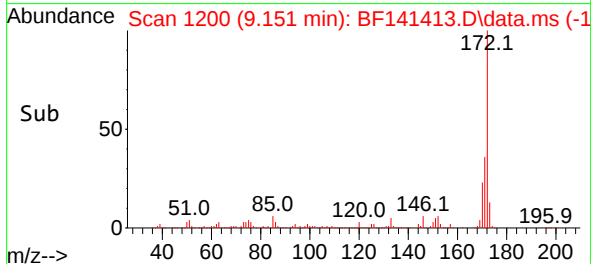
Instrument :
BNA_F
ClientSampleId :
286MS



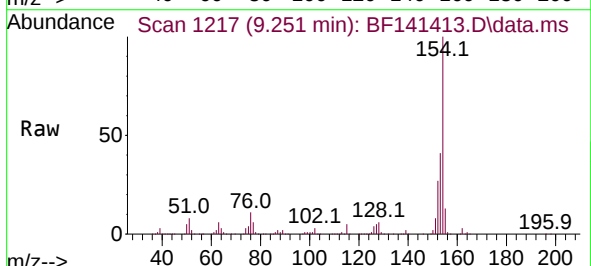
Tgt Ion:172 Resp: 1053500
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 23.0 19.0 28.6

Manual Integrations
APPROVED

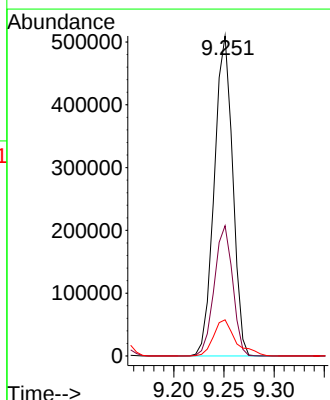
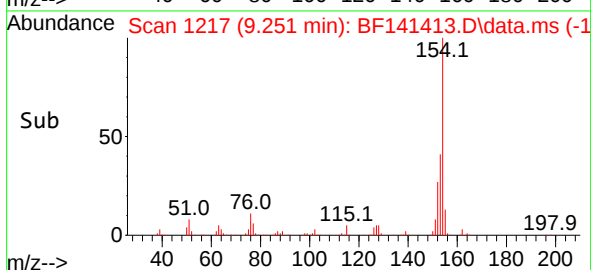
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

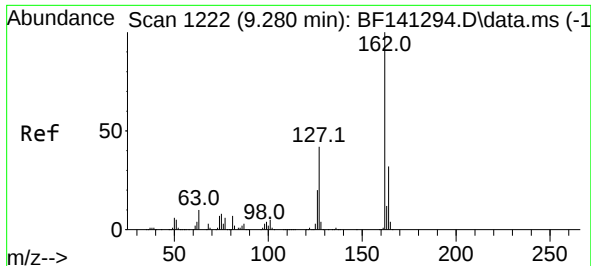


#46
1,1'-Biphenyl
Concen: 52.181 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22



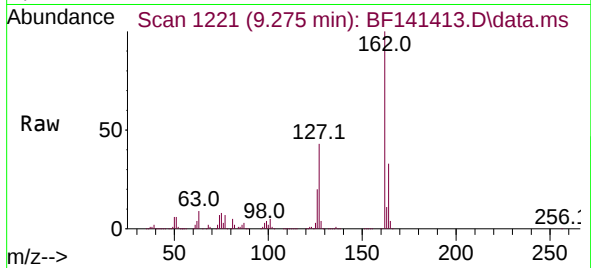
Tgt Ion:154 Resp: 647303
Ion Ratio Lower Upper
154 100
153 40.7 20.0 60.0
76 11.3 0.0 32.8





#47
2-Chloronaphthalene
Concen: 44.993 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

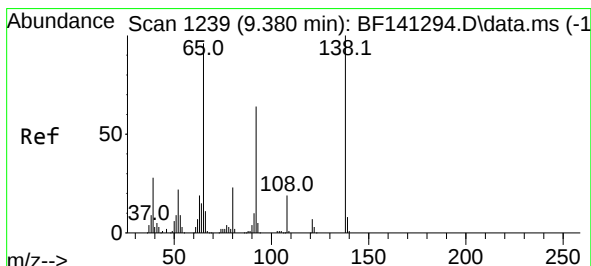
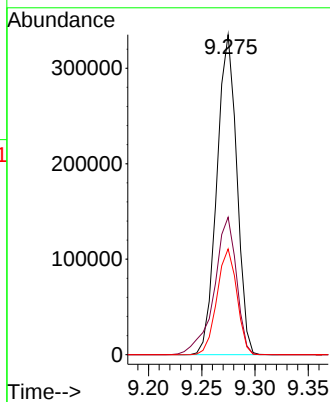
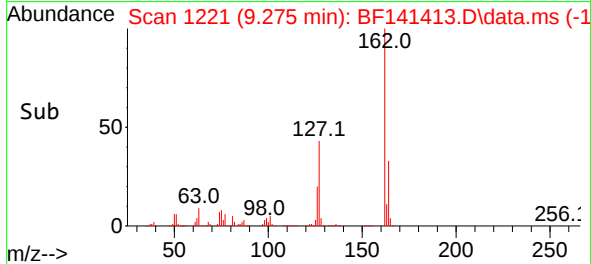
Instrument :
BNA_F
ClientSampleId :
286MS



Tgt Ion:162 Resp: 435038
Ion Ratio Lower Upper
162 100
127 43.0 33.7 50.5
164 33.0 25.9 38.9

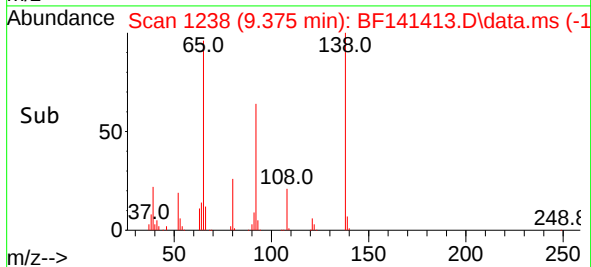
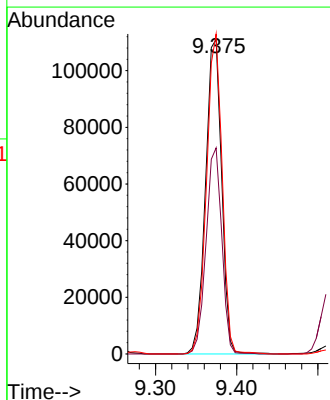
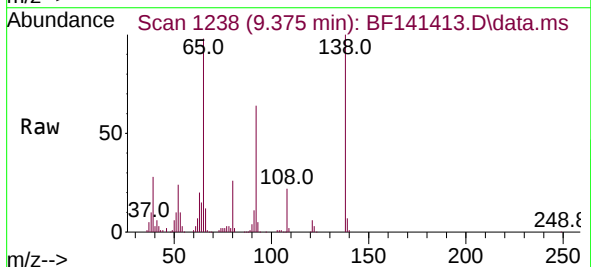
Manual Integrations
APPROVED

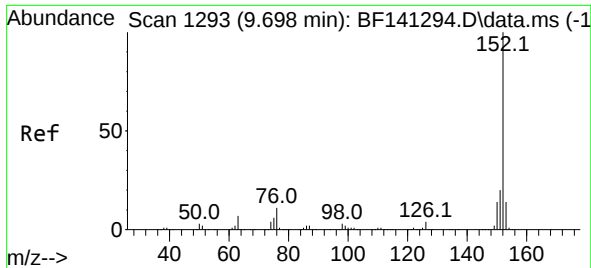
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#48
2-Nitroaniline
Concen: 49.987 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

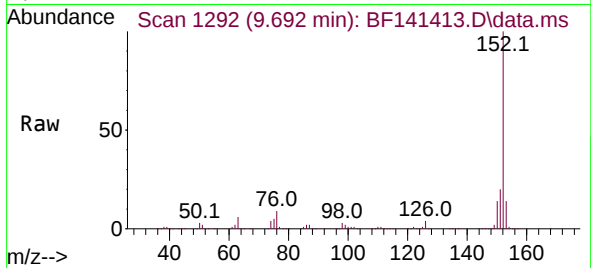
Tgt Ion: 65 Resp: 152025
Ion Ratio Lower Upper
65 100
92 65.5 53.3 79.9
138 101.7 83.6 125.4





#49
Acenaphthylene
Concen: 51.104 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

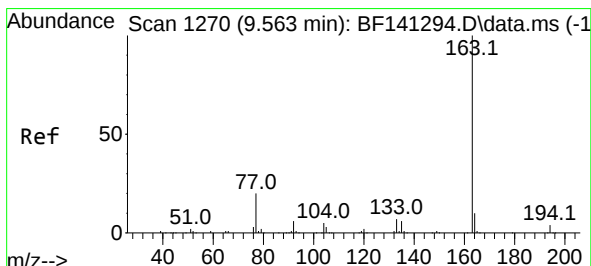
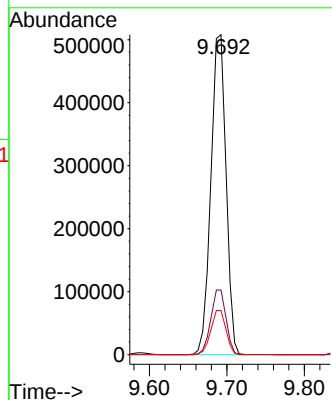
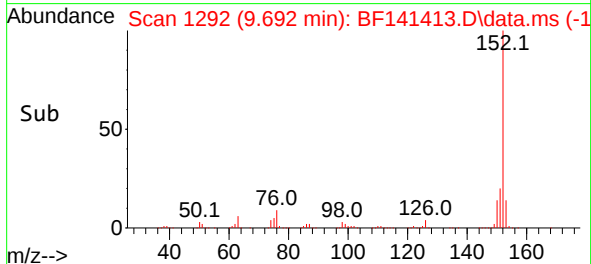
Instrument :
BNA_F
ClientSampleId :
286MS



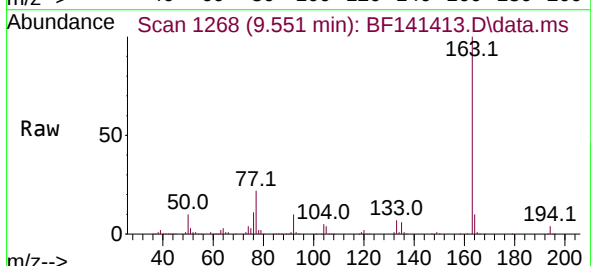
Tgt Ion:152 Resp: 691680
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.8 11.0 16.6

Manual Integrations
APPROVED

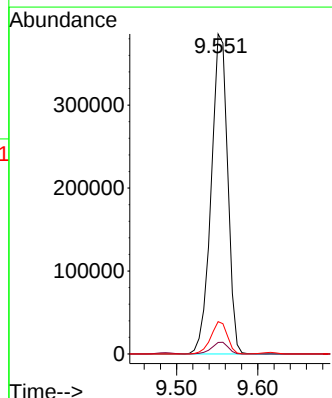
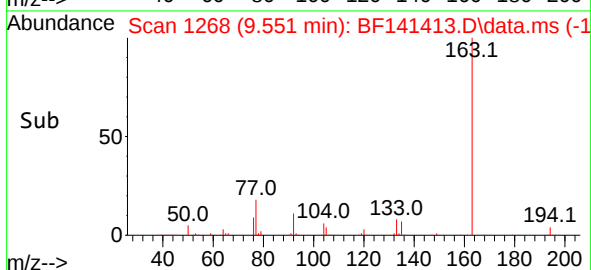
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

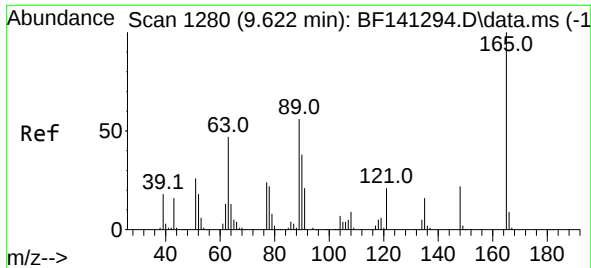


#50
Dimethylphthalate
Concen: 50.566 ng
RT: 9.551 min Scan# 1268
Delta R.T. -0.018 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22



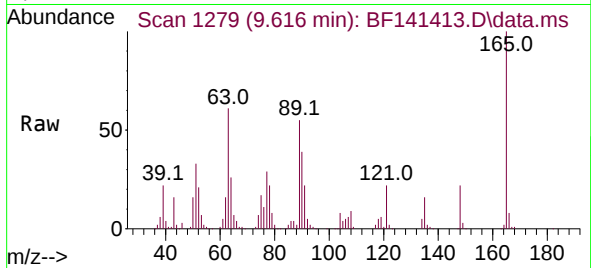
Tgt Ion:163 Resp: 543231
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.1 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 47.688 ng
RT: 9.616 min Scan# 11895
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

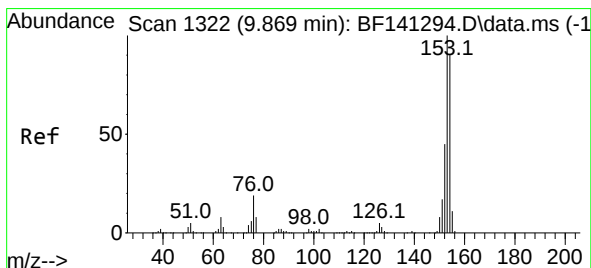
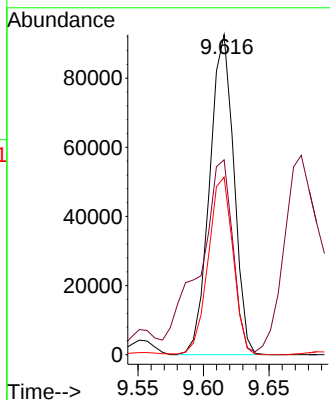
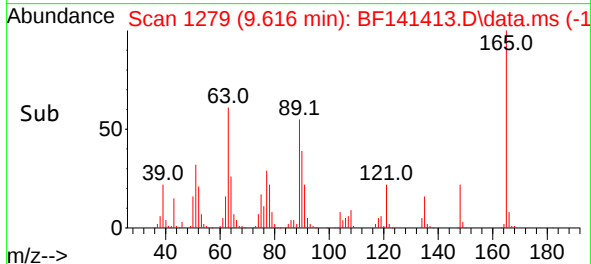
Instrument :
BNA_F
ClientSampleId :
286MS



Tgt Ion:165 Resp: 11895
Ion Ratio Lower Upper
165 100
63 60.9 48.1 72.1
89 55.5 44.9 67.3

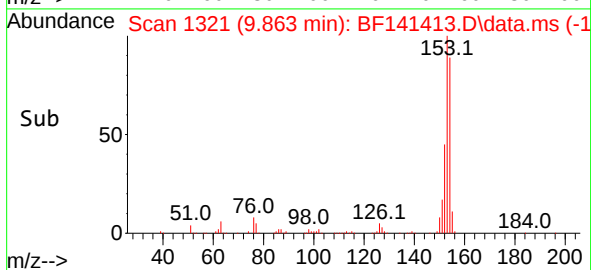
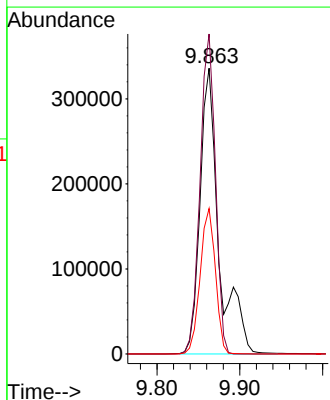
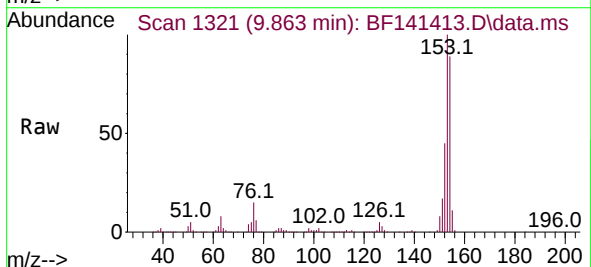
Manual Integrations
APPROVED

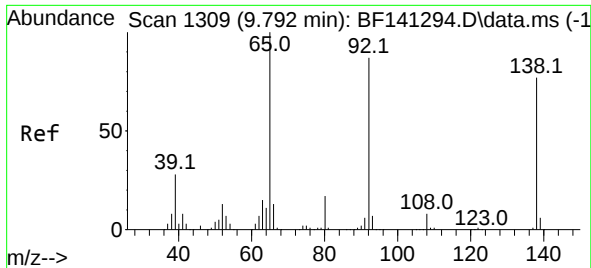
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#52
Acenaphthene
Concen: 55.368 ng m
RT: 9.863 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

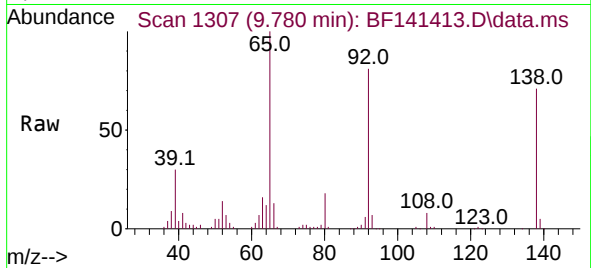
Tgt Ion:154 Resp: 535367
Ion Ratio Lower Upper
154 100
153 112.0 89.0 133.4
152 50.9 40.2 60.4





#53
3-Nitroaniline
Concen: 17.845 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

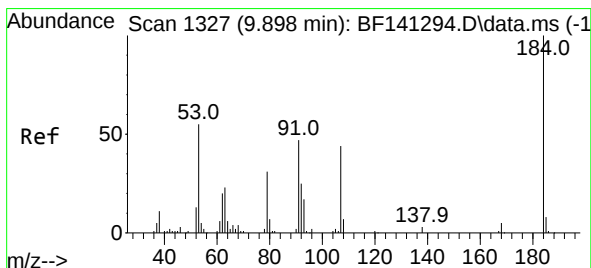
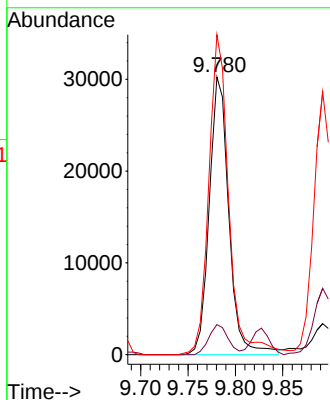
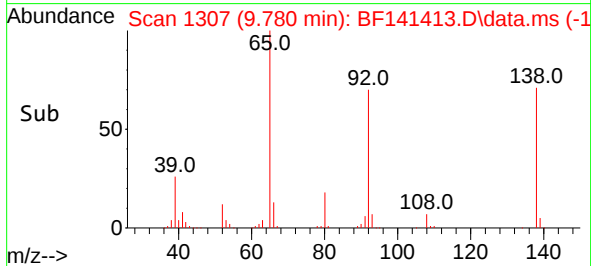
Instrument :
BNA_F
ClientSampleId :
286MS



Tgt Ion:138 Resp: 4362
Ion Ratio Lower Upper
138 100
108 10.9 8.6 12.8
92 115.2 91.0 136.6

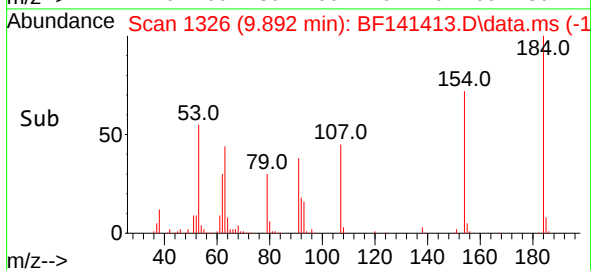
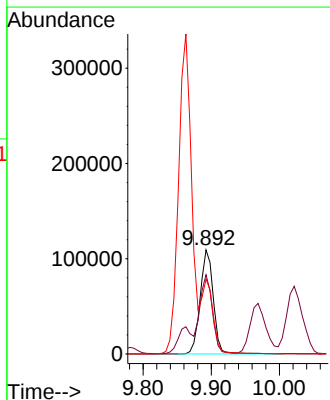
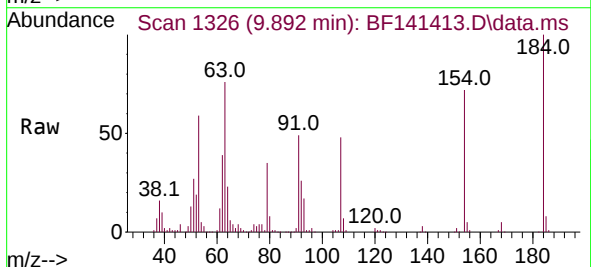
Manual Integrations
APPROVED

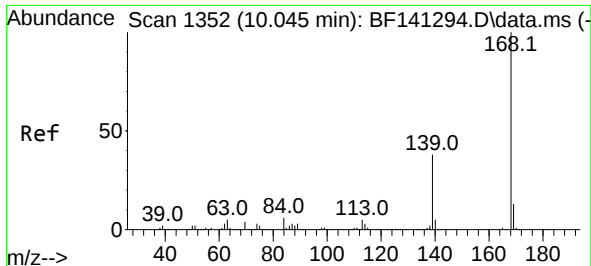
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#54
2,4-Dinitrophenol
Concen: 126.801 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

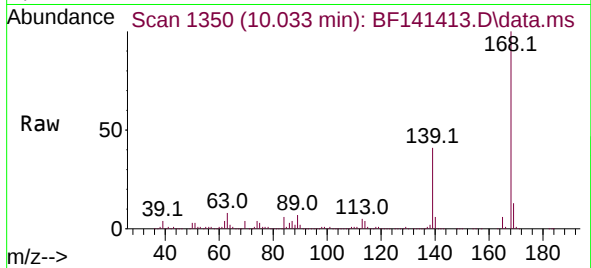
Tgt Ion:184 Resp: 147030
Ion Ratio Lower Upper
184 100
63 76.2 54.1 81.1
154 72.0 50.7 76.1





#55
Dibenzenofuran
Concen: 49.012 ng
RT: 10.033 min Scan# 1350
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

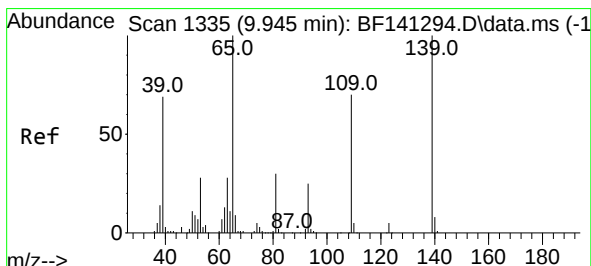
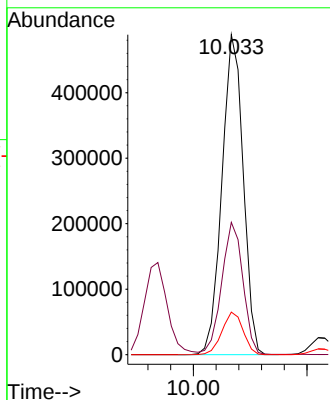
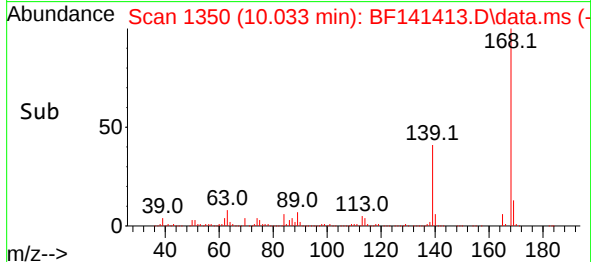
Instrument :
BNA_F
ClientSampleId :
286MS



Tgt Ion:168 Resp: 63435
Ion Ratio Lower Upper
168 100
139 41.3 30.6 46.0
169 13.3 10.8 16.2

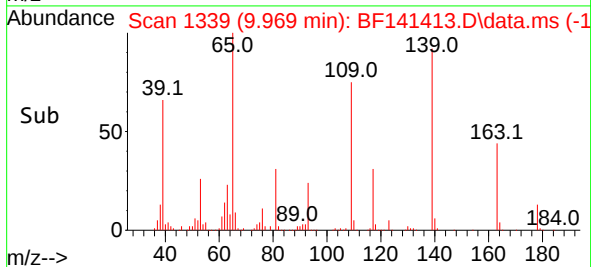
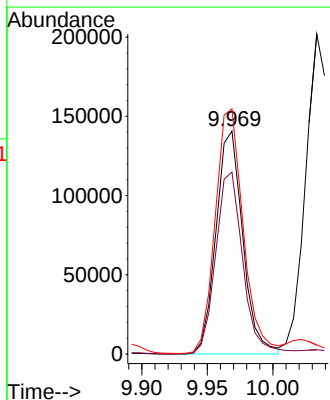
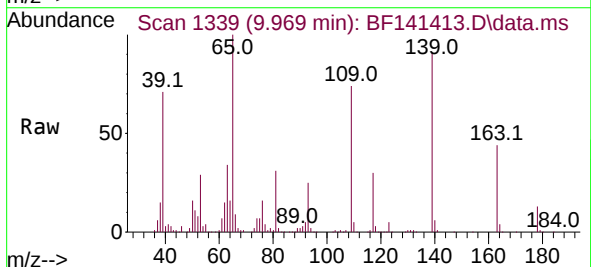
Manual Integrations
APPROVED

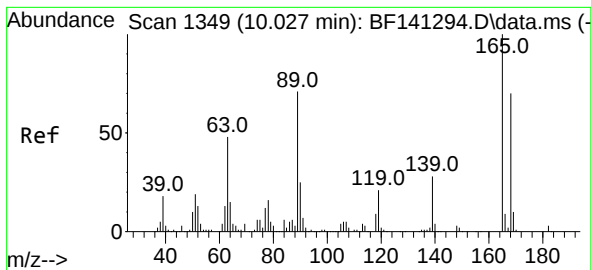
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#56
4-Nitrophenol
Concen: 111.665 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

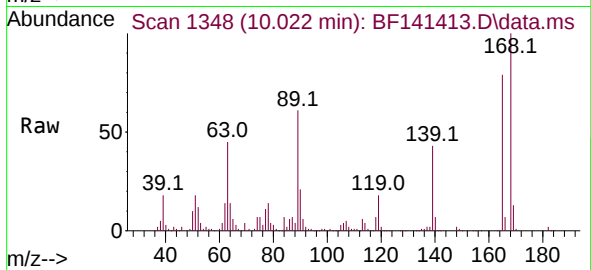
Tgt Ion:139 Resp: 199653
Ion Ratio Lower Upper
139 100
109 81.6 50.2 90.2
65 109.9 80.6 120.6





#57
2,4-Dinitrotoluene
Concen: 51.150 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

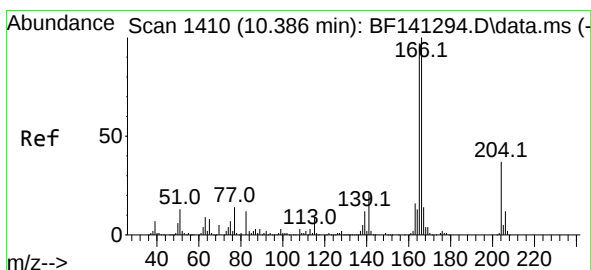
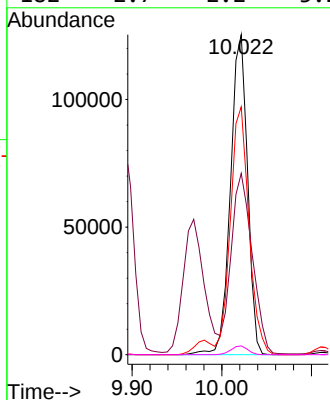
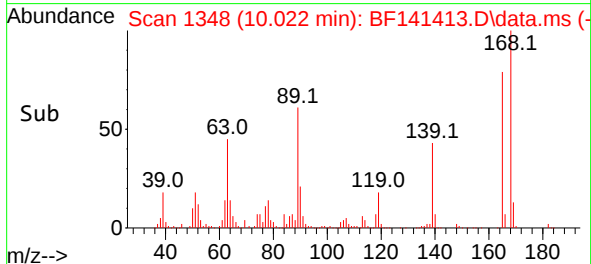
Instrument :
BNA_F
ClientSampleId :
286MS



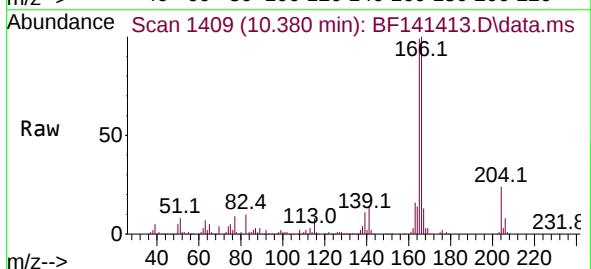
Tgt Ion:165 Resp: 165190
Ion Ratio Lower Upper
165 100
63 56.7 39.2 58.8
89 77.5 56.9 85.3
182 2.7 2.2 3.2

Manual Integrations
APPROVED

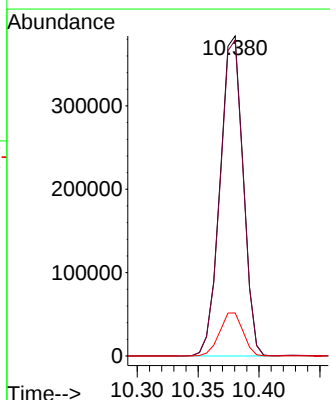
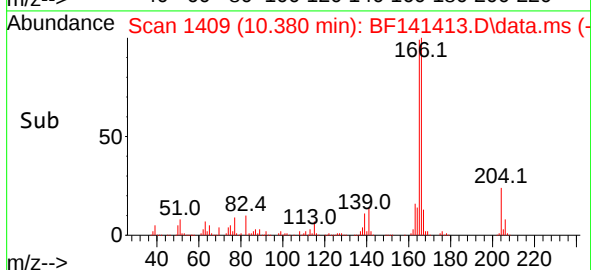
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

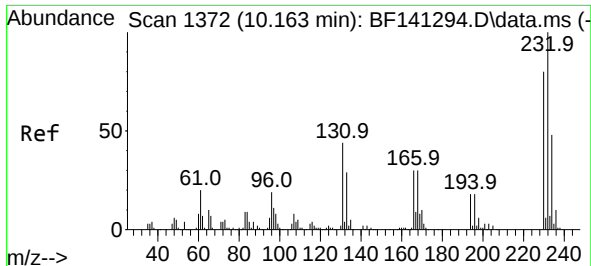


#58
Fluorene
Concen: 50.468 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22



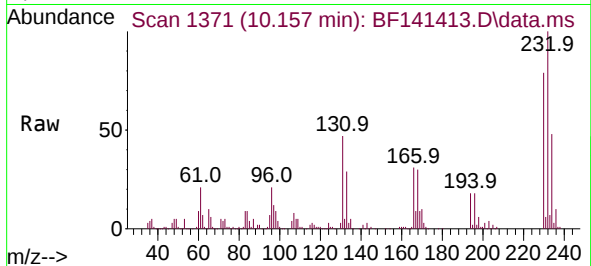
Tgt Ion:166 Resp: 506674
Ion Ratio Lower Upper
166 100
165 98.7 77.5 116.3
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 56.727 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

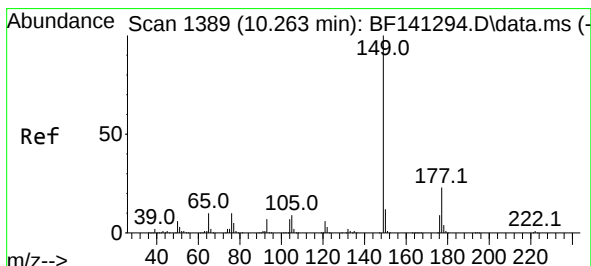
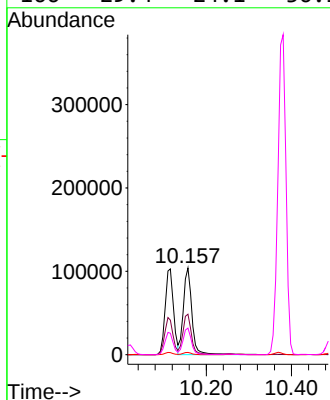
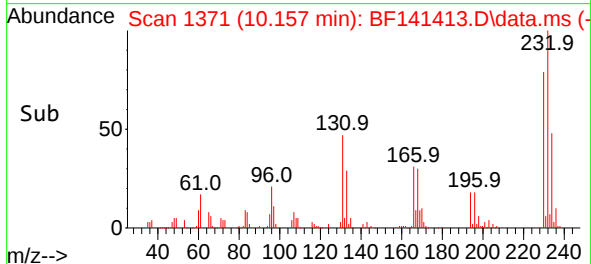
Instrument :
BNA_F
ClientSampleId :
286MS



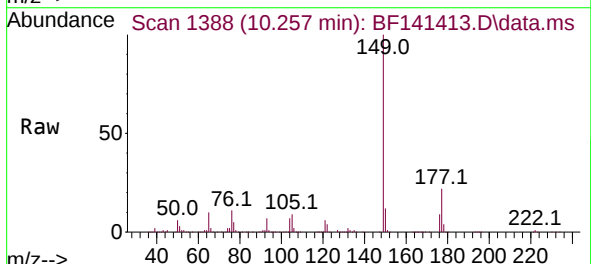
Tgt Ion:232 Resp: 143860
Ion Ratio Lower Upper
232 100
131 46.5 36.4 54.6
130 2.6 1.9 2.9
166 29.4 24.1 36.1

Manual Integrations
APPROVED

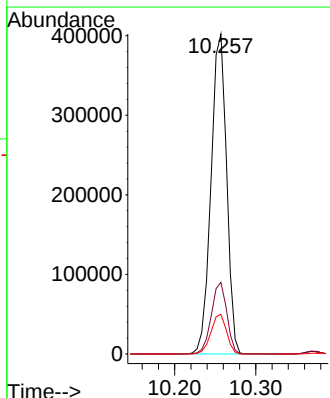
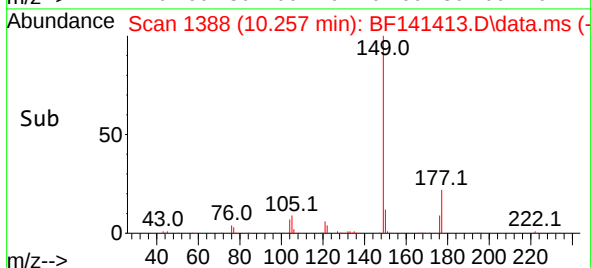
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

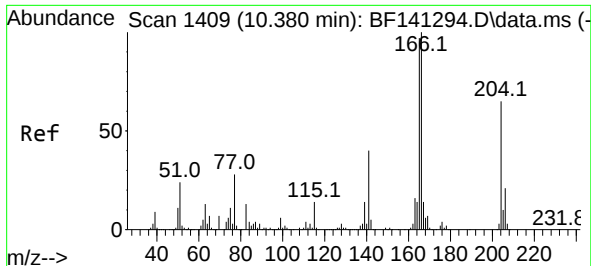


#60
Diethylphthalate
Concen: 51.476 ng
RT: 10.257 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22



Tgt Ion:149 Resp: 536207
Ion Ratio Lower Upper
149 100
177 22.4 18.5 27.7
150 12.3 10.0 15.0





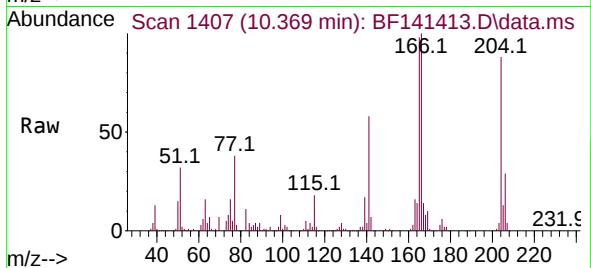
#61
4-Chlorophenyl-phenylether
Concen: 49.990 ng
RT: 10.369 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

Instrument :

BNA_F

ClientSampleId :

286MS

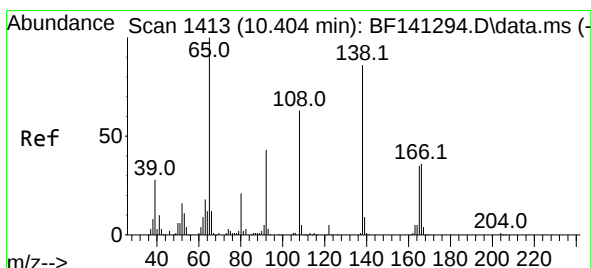
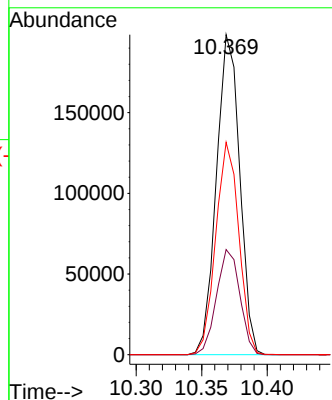
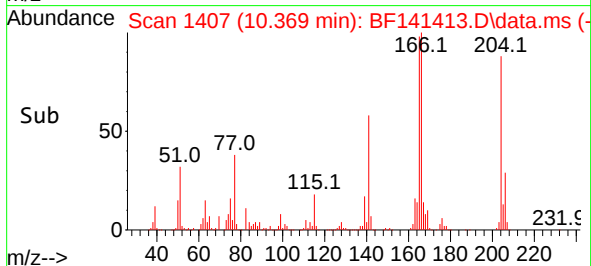


Tgt Ion:204 Resp: 24515
Ion Ratio Lower Upper
204 100
206 32.8 25.9 38.9
141 66.3 49.5 74.3

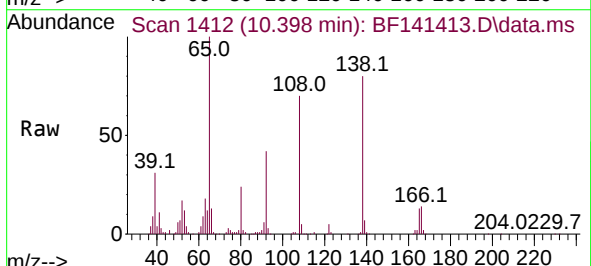
Manual Integrations

APPROVED

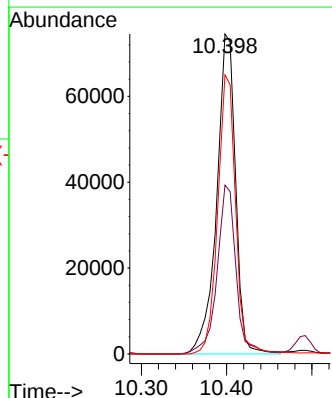
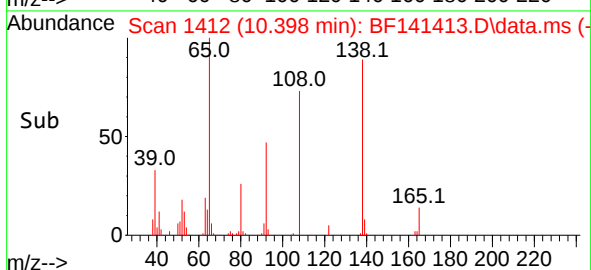
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

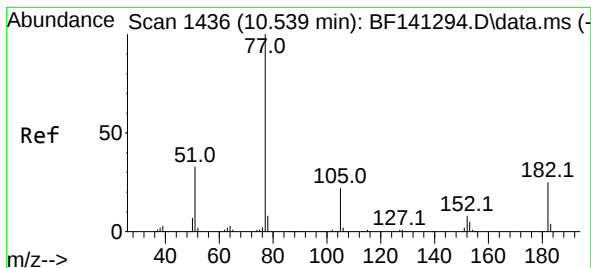


#62
4-Nitroaniline
Concen: 47.811 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22



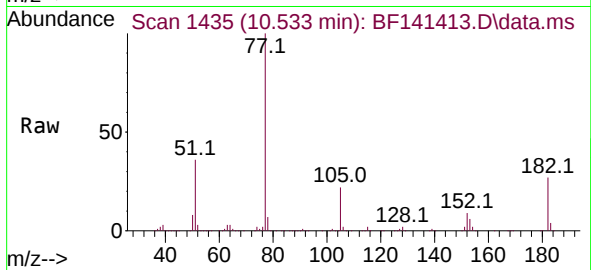
Tgt Ion:138 Resp: 114917
Ion Ratio Lower Upper
138 100
92 52.8 30.1 70.1
108 87.2 53.1 93.1





#63
Azobenzene
Concen: 48.776 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

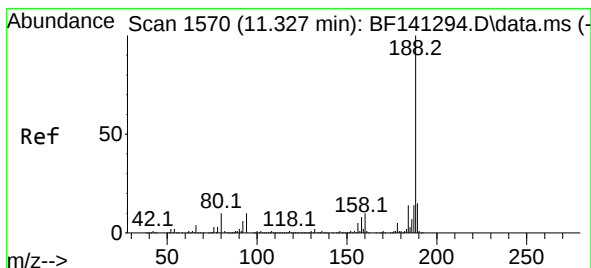
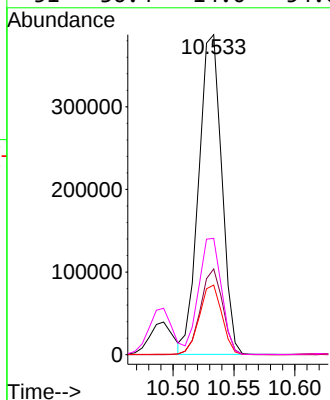
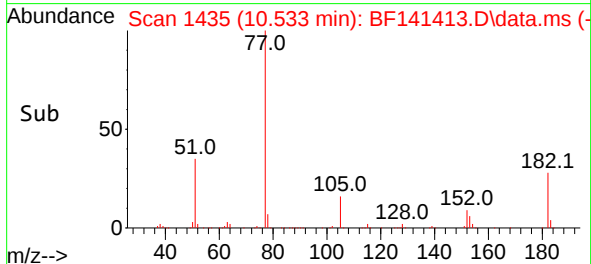
Instrument :
BNA_F
ClientSampleId :
286MS



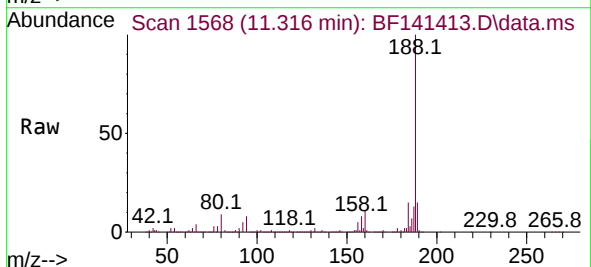
Tgt Ion: 77 Resp: 508570
Ion Ratio Lower Upper
77 100
182 26.8 5.1 45.1
105 21.7 1.8 41.8
51 36.4 14.0 54.0

Manual Integrations
APPROVED

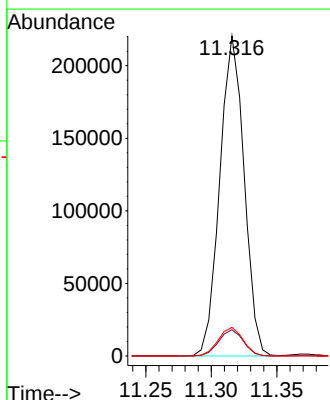
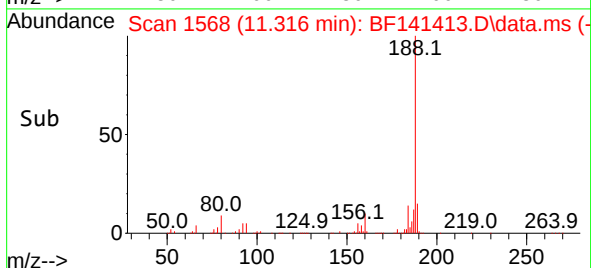
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

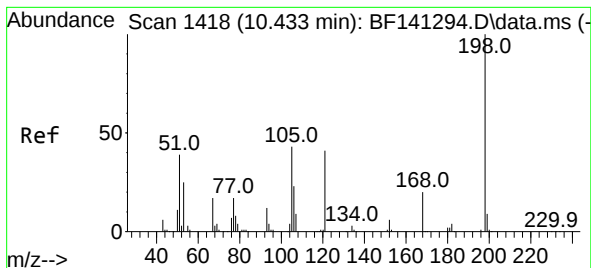


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22



Tgt Ion:188 Resp: 284462
Ion Ratio Lower Upper
188 100
94 8.2 7.8 11.6
80 8.9 8.2 12.4





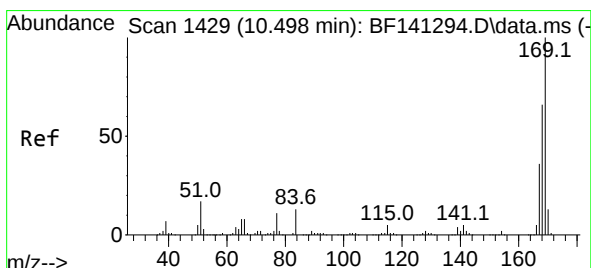
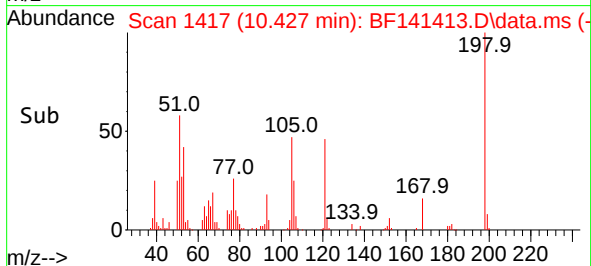
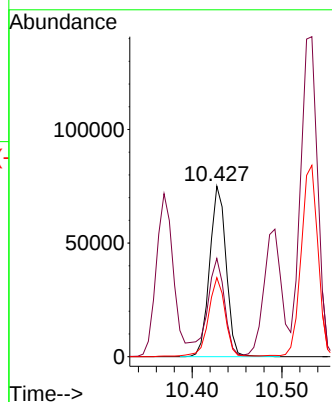
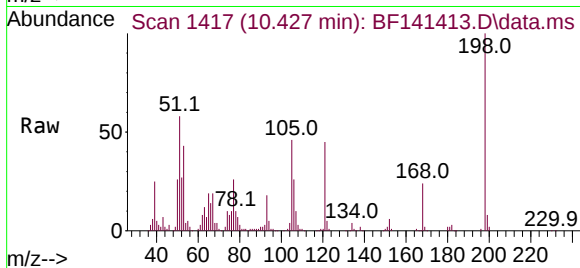
#65
4,6-Dinitro-2-methylphenol
Concen: 56.741 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

Instrument :
BNA_F
ClientSampleId :
286MS

Tgt Ion:198 Resp: 95472
Ion Ratio Lower Upper
198 100
51 57.5 33.4 73.4
105 46.3 24.4 64.4

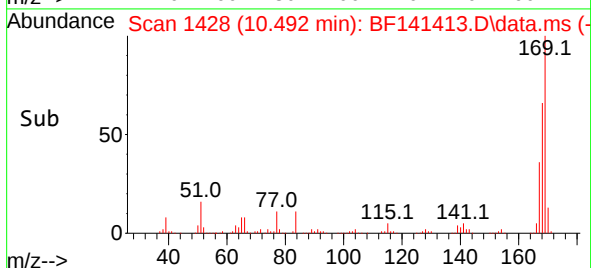
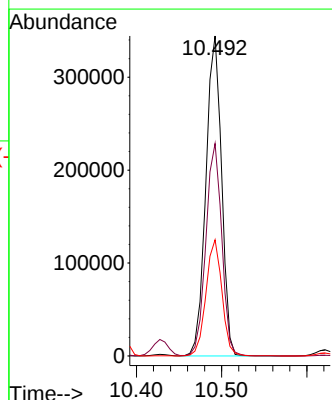
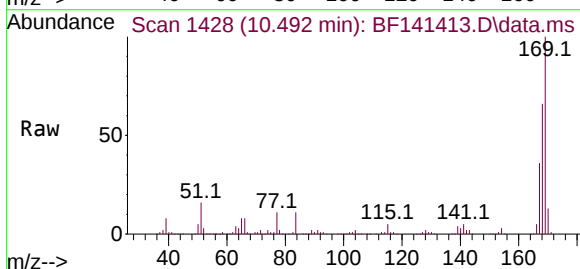
Manual Integrations
APPROVED

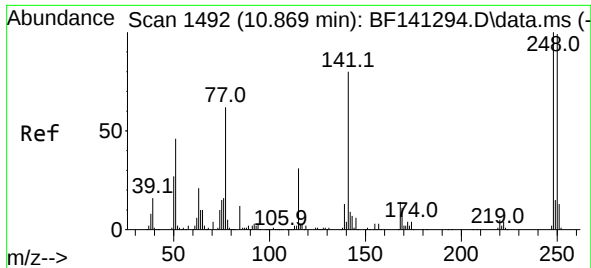
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#66
n-Nitrosodiphenylamine
Concen: 47.933 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

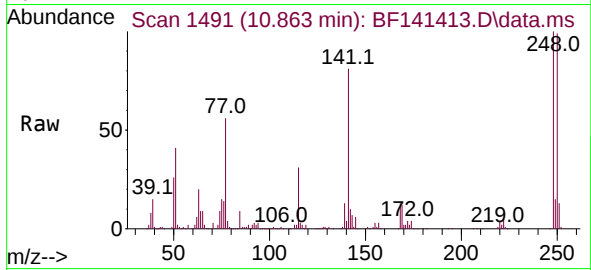
Tgt Ion:169 Resp: 441006
Ion Ratio Lower Upper
169 100
168 66.4 53.0 79.4
167 36.3 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 48.237 ng
RT: 10.863 min Scan# 1491
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

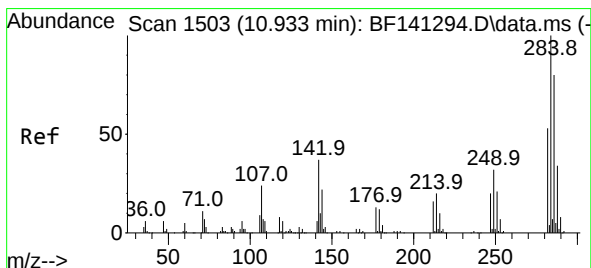
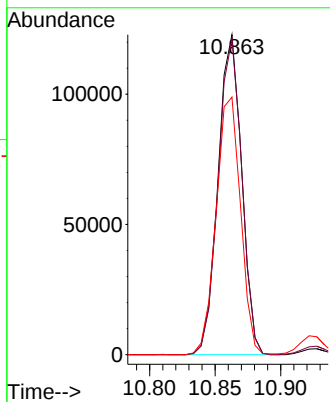
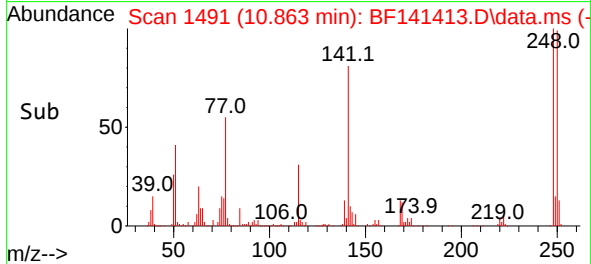
Instrument :
BNA_F
ClientSampleId :
286MS



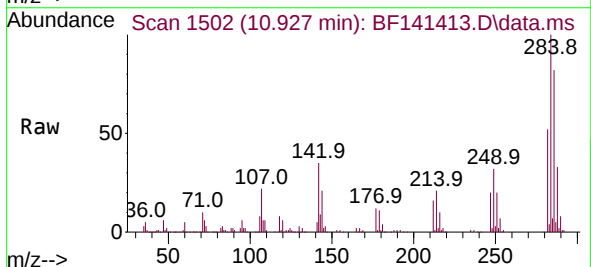
Tgt Ion:248 Resp: 153618
Ion Ratio Lower Upper
248 100
250 98.7 79.0 118.4
141 80.5 63.7 95.5

Manual Integrations
APPROVED

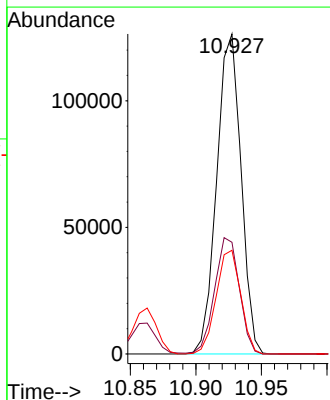
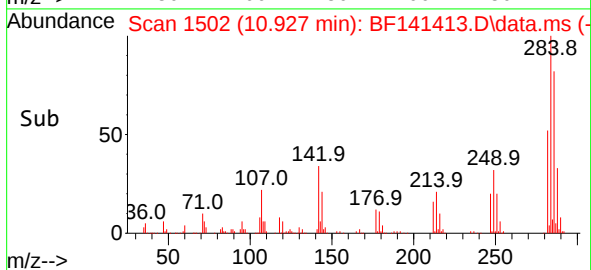
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

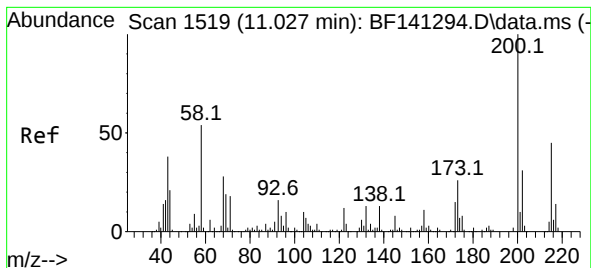


#68
Hexachlorobenzene
Concen: 48.172 ng
RT: 10.927 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22



Tgt Ion:284 Resp: 162730
Ion Ratio Lower Upper
284 100
142 34.9 29.5 44.3
249 32.4 25.4 38.2





#69

Atrazine

Concen: 45.590 ng

RT: 11.022 min Scan# 1519

Delta R.T. -0.012 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

Instrument :

BNA_F

ClientSampleId :

286MS

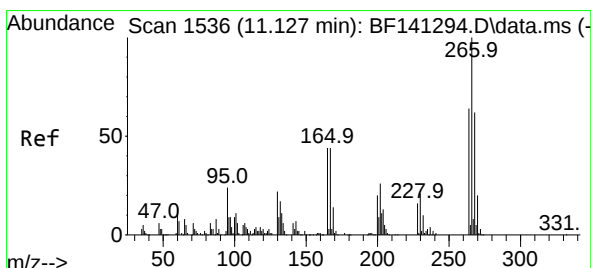
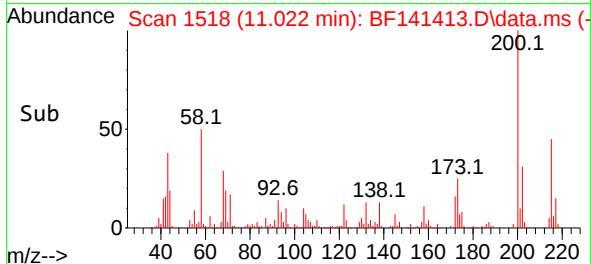
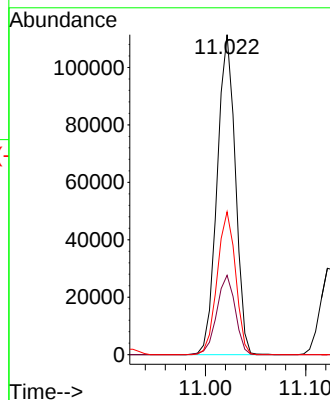
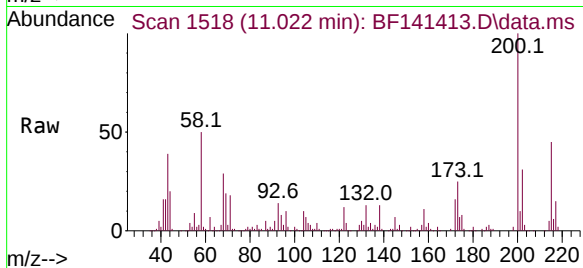
Tgt Ion:200 Resp: 140244
 Ion Ratio Lower Upper
 200 100
 173 24.8 5.9 45.9
 215 44.7 25.2 65.2

Manual Integrations

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Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#70

Pentachlorophenol

Concen: 114.184 ng

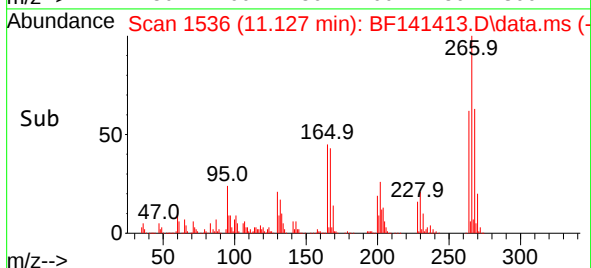
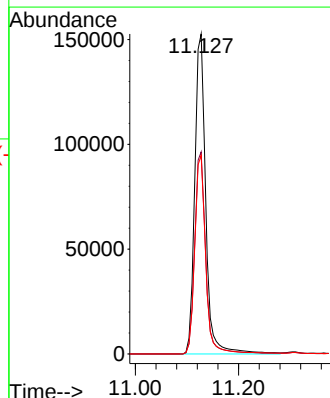
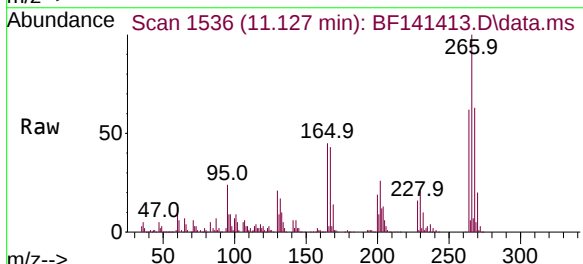
RT: 11.127 min Scan# 1536

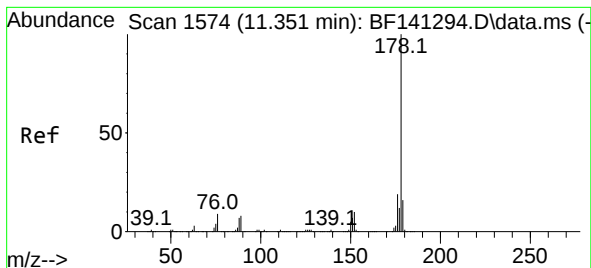
Delta R.T. -0.006 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

Tgt Ion:266 Resp: 225875
 Ion Ratio Lower Upper
 266 100
 268 63.2 49.9 74.9
 264 62.0 51.0 76.4





#71

Phenanthrene

Concen: 51.066 ng

RT: 11.339 min Scan# 1572

Delta R.T. -0.012 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

Instrument :

BNA_F

ClientSampleId :

286MS

Tgt Ion:178 Resp: 78084

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

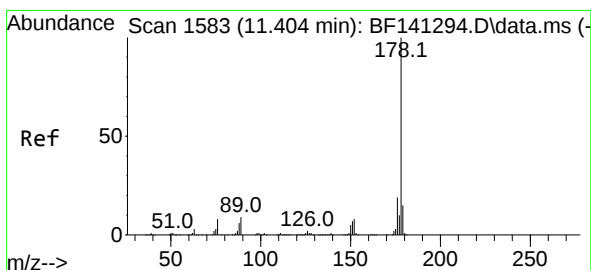
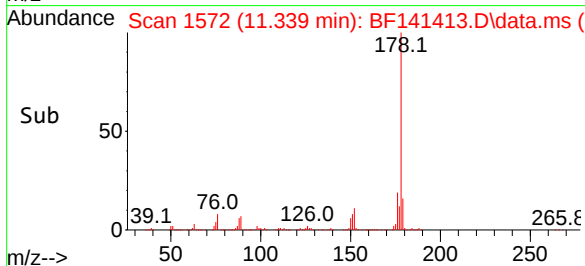
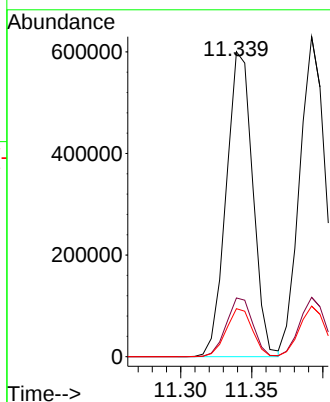
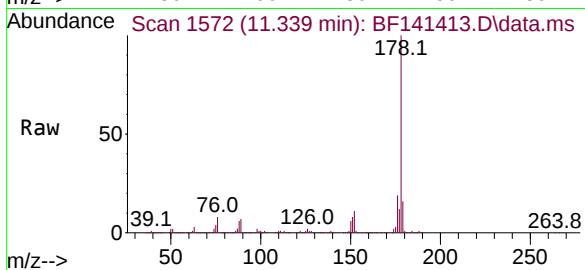
179 15.7 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#72

Anthracene

Concen: 52.824 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

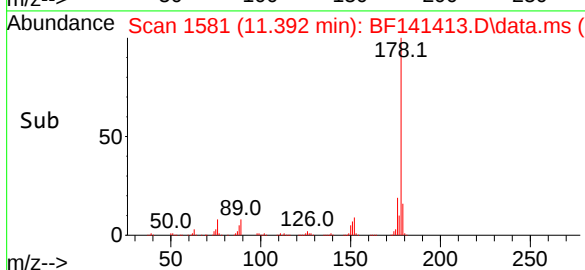
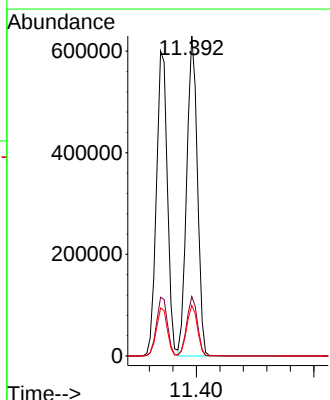
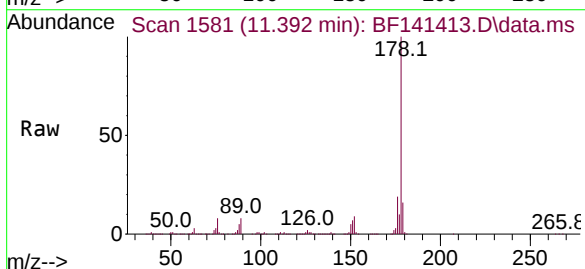
Tgt Ion:178 Resp: 791437

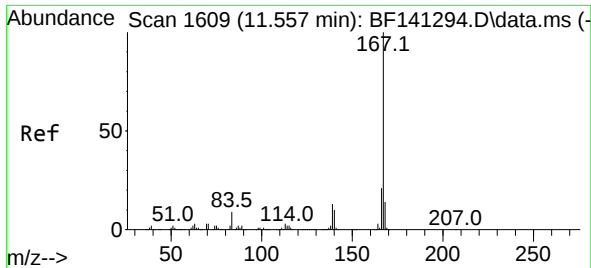
Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.6

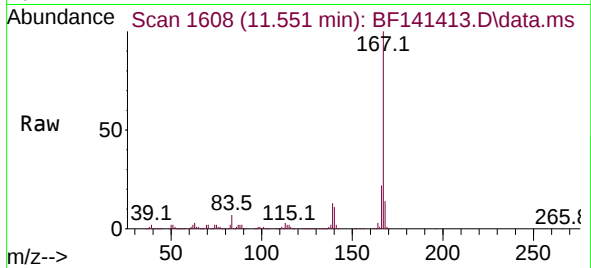
179 15.8 12.3 18.5





#73
 Carbazole
 Concen: 53.507 ng
 RT: 11.551 min Scan# 1608
 Delta R.T. -0.006 min
 Lab File: BF141413.D
 Acq: 04 Feb 2025 17:22

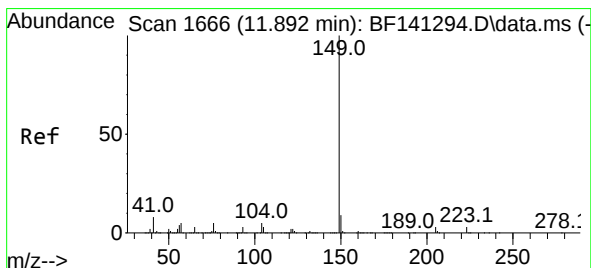
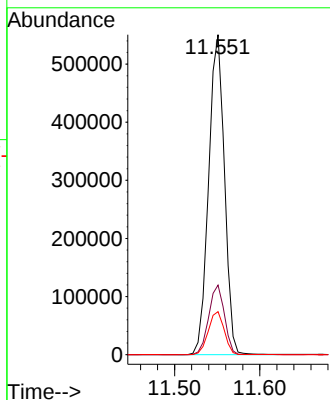
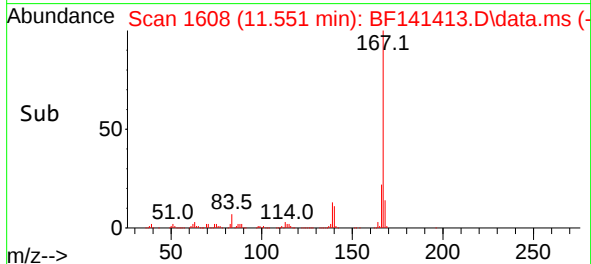
Instrument :
 BNA_F
 ClientSampleId :
 286MS



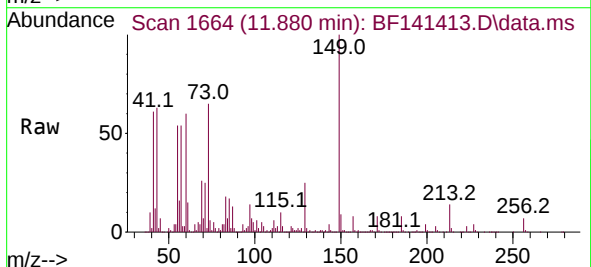
Tgt Ion:167 Resp: 71085
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.5 10.6 16.0

Manual Integrations
 APPROVED

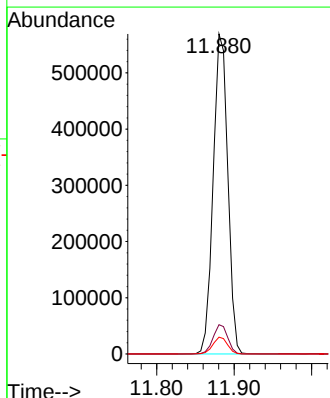
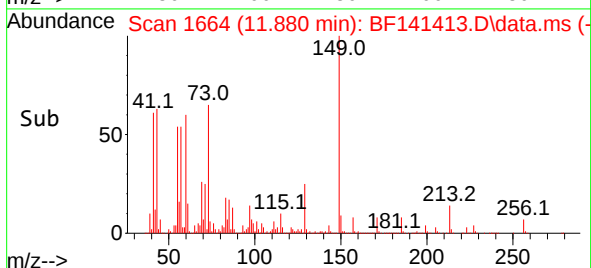
Reviewed By :Yogesh Patel 02/05/2025
 Supervised By :mohammad ahmed 02/05/2025

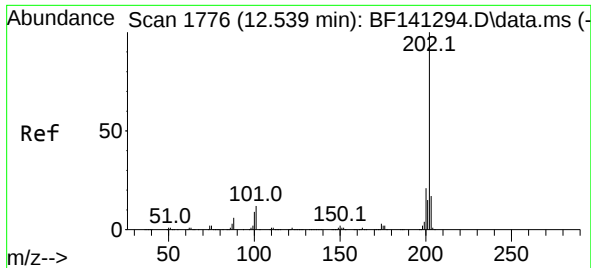


#74
 Di-n-butylphthalate
 Concen: 46.243 ng
 RT: 11.880 min Scan# 1664
 Delta R.T. -0.012 min
 Lab File: BF141413.D
 Acq: 04 Feb 2025 17:22



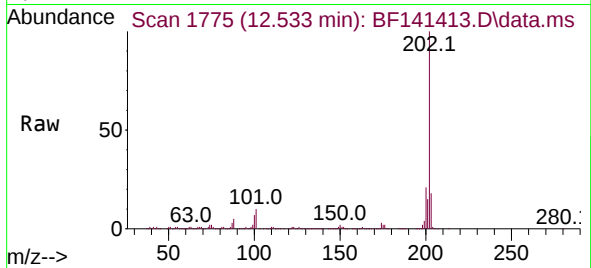
Tgt Ion:149 Resp: 744519
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.3 3.9 5.9





#75
Fluoranthene
Concen: 55.631 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

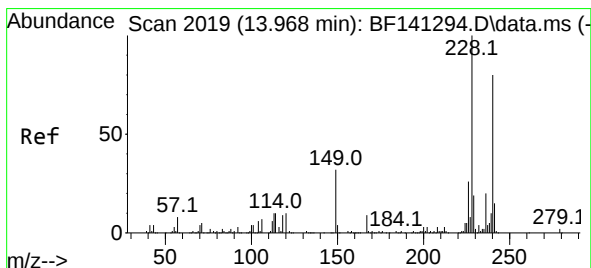
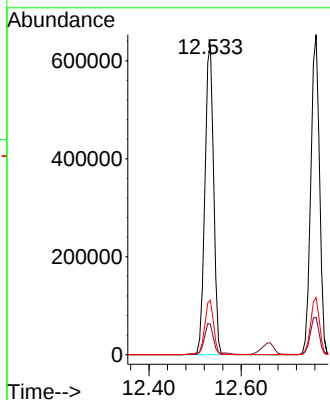
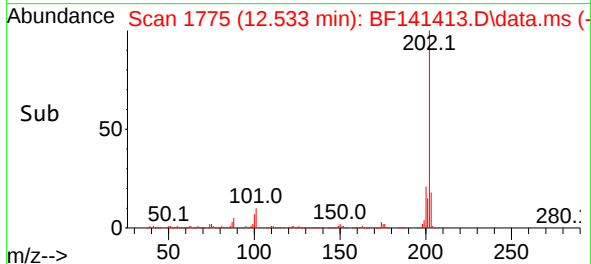
Instrument :
BNA_F
ClientSampleId :
286MS



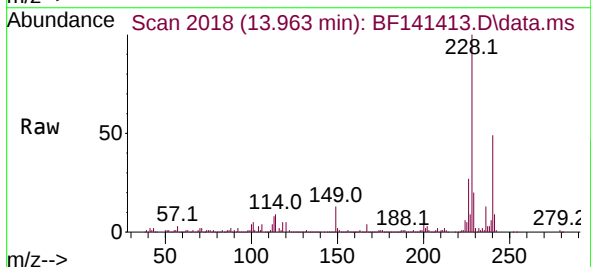
Tgt Ion:202 Resp: 839924
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.7
203 17.5 0.0 37.5

Manual Integrations
APPROVED

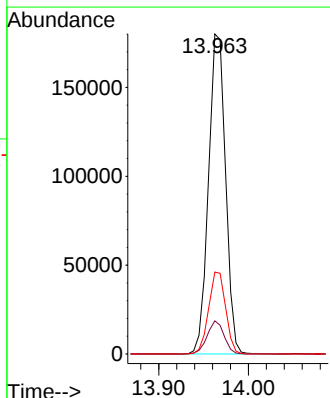
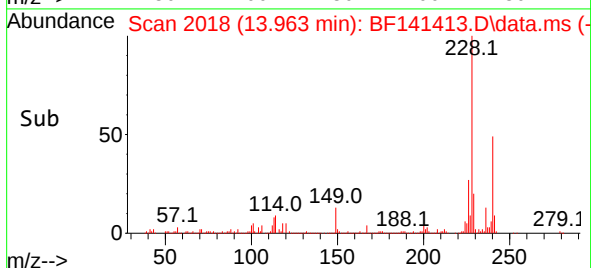
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

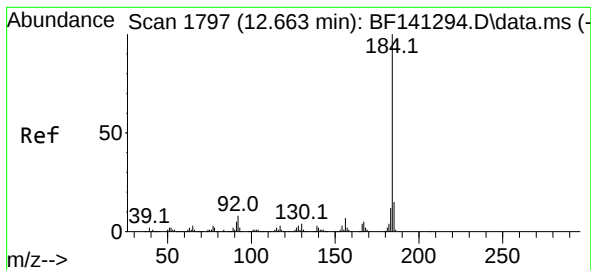


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22



Tgt Ion:240 Resp: 237860
Ion Ratio Lower Upper
240 100
120 10.3 10.0 15.0
236 25.6 19.7 29.5





#77

Benzidine

Concen: 4.232 ng

RT: 12.663 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

Instrument :

BNA_F

ClientSampleId :

286MS

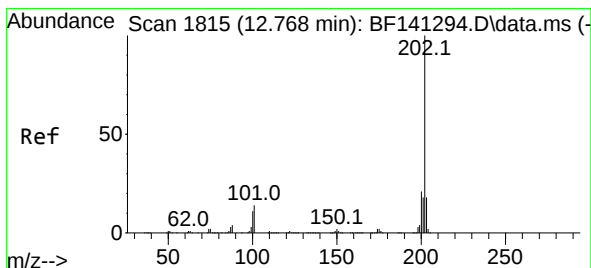
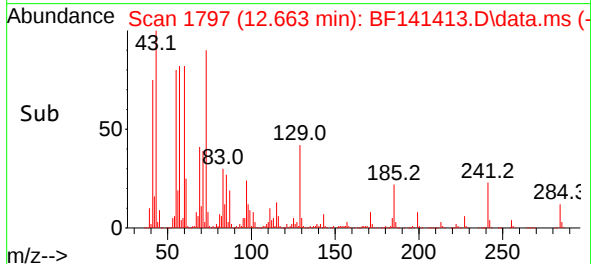
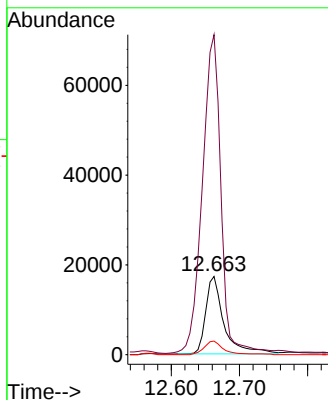
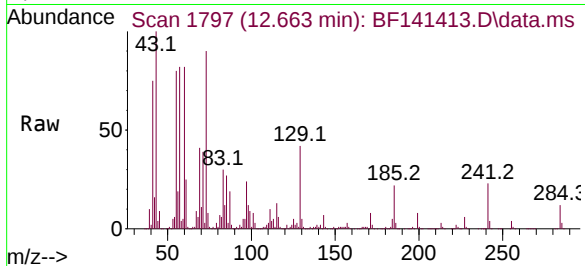
Tgt Ion:	184	Resp:	3227
Ion Ratio	Lower	Upper	
184	100		
185	408.7	11.9	17.9
183	17.4	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#78

Pyrene

Concen: 37.366 ng

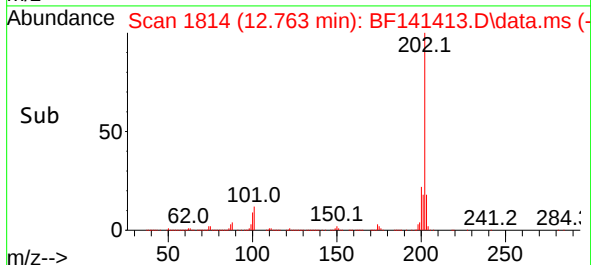
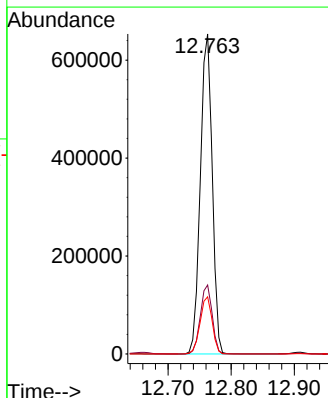
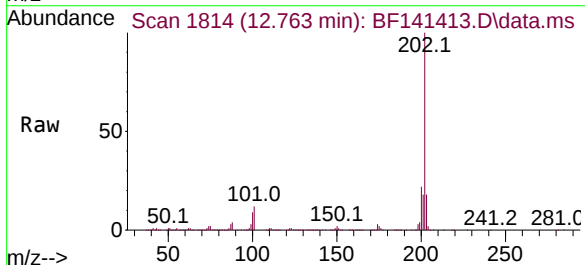
RT: 12.763 min Scan# 1814

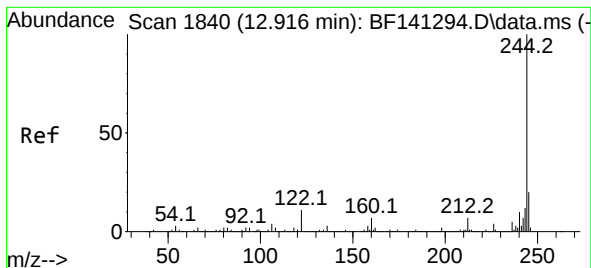
Delta R.T. -0.006 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

Tgt Ion:	202	Resp:	853152
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.0	25.4
203	17.9	14.3	21.5





#79

Terphenyl-d14

Concen: 88.532 ng

RT: 12.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

Instrument :

BNA_F

ClientSampleId :

286MS

Tgt Ion:244 Resp: 136547

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

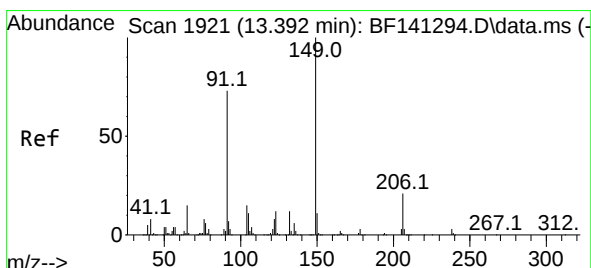
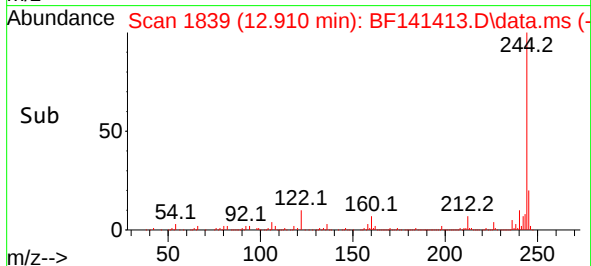
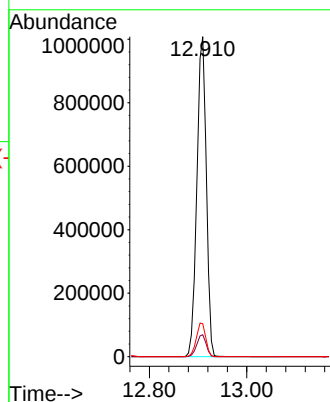
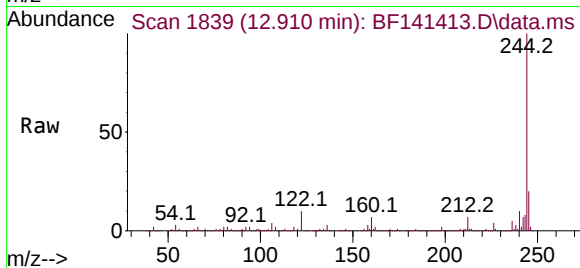
122 10.3 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#80

Butylbenzylphthalate

Concen: 47.357 ng

RT: 13.386 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

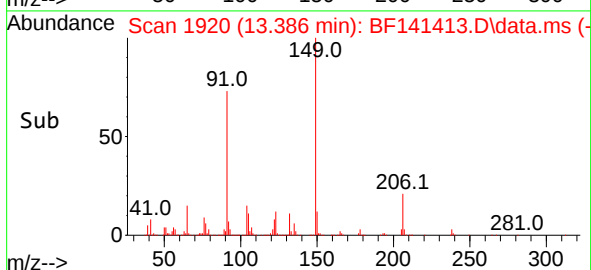
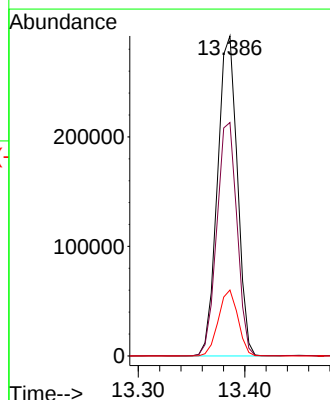
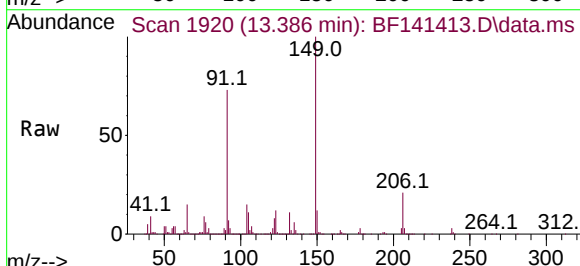
Tgt Ion:149 Resp: 377748

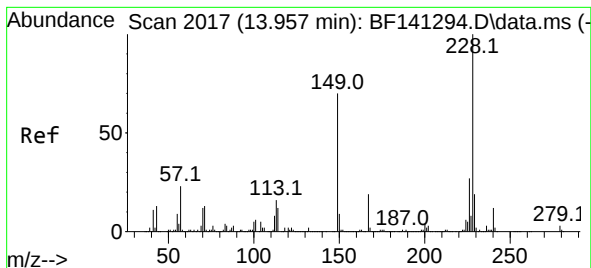
Ion Ratio Lower Upper

149 100

91 73.0 58.6 87.8

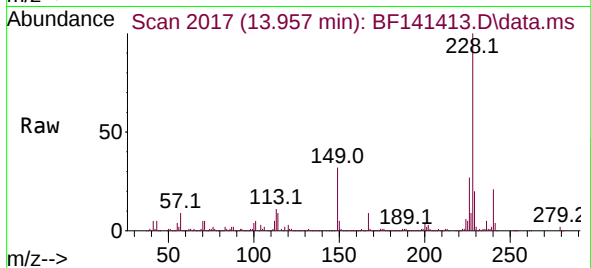
206 20.6 16.7 25.1





#81
Benzo(a)anthracene
Concen: 47.585 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

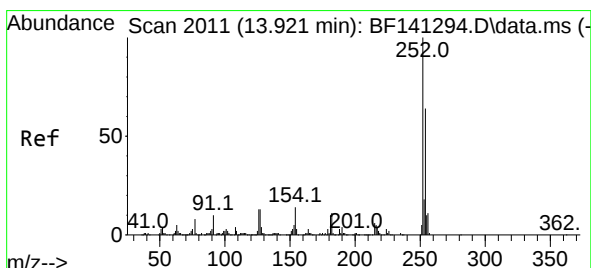
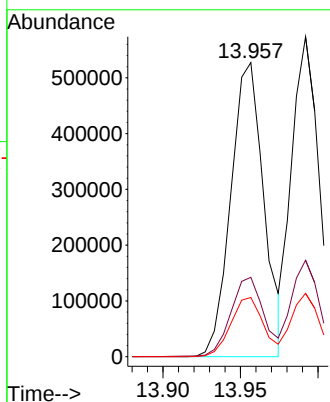
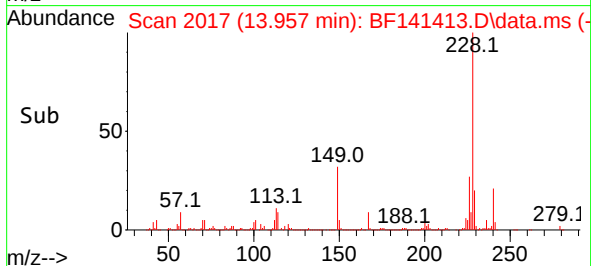
Instrument :
BNA_F
ClientSampleId :
286MS



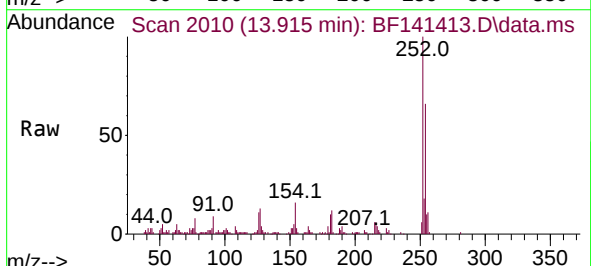
Tgt Ion:228 Resp: 78104
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.2
229 20.1 15.5 23.3

Manual Integrations
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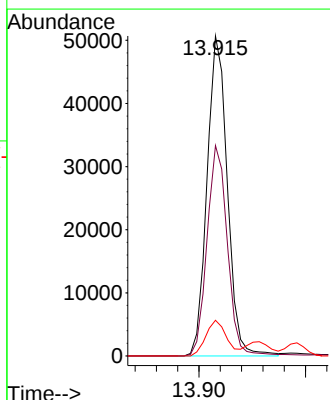
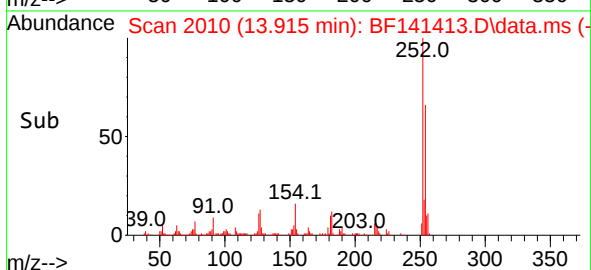
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

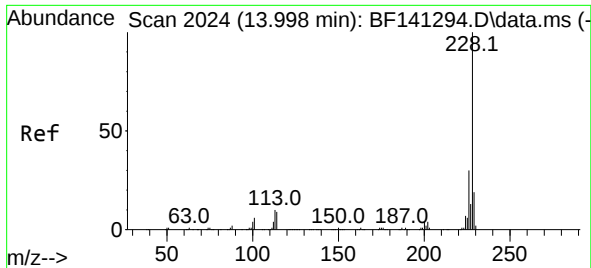


#82
3,3'-Dichlorobenzidine
Concen: 12.855 ng
RT: 13.915 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22



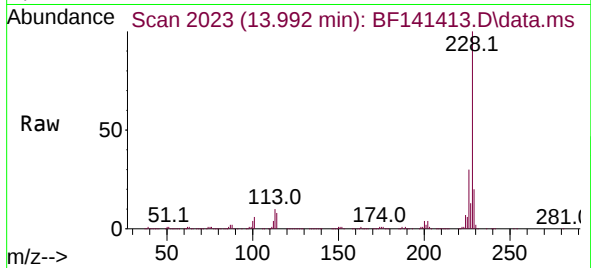
Tgt Ion:252 Resp: 67109
Ion Ratio Lower Upper
252 100
254 65.7 51.3 76.9
126 11.2 10.0 15.0





#83
Chrysene
Concen: 46.581 ng
RT: 13.992 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

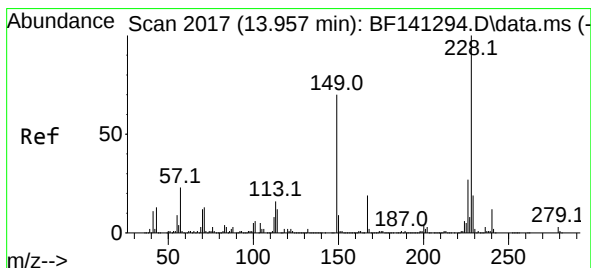
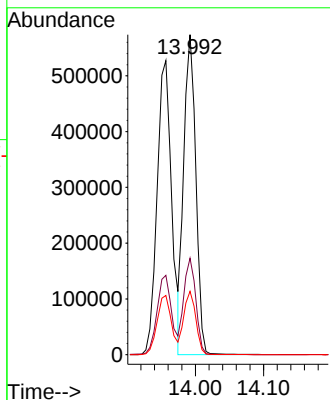
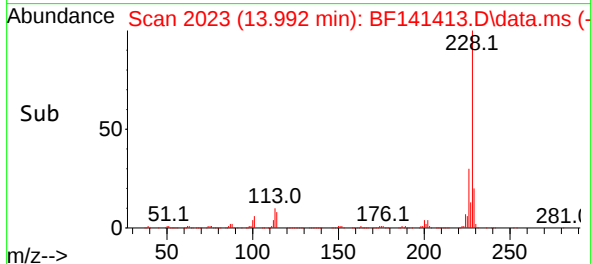
Instrument :
BNA_F
ClientSampleId :
286MS



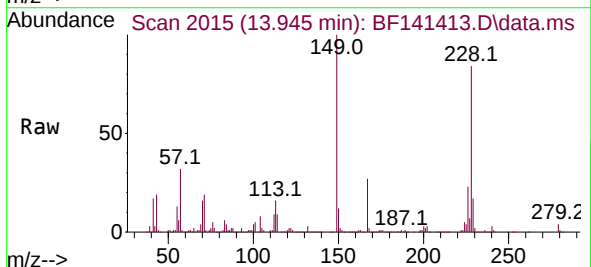
Tgt Ion:228 Resp: 700708
Ion Ratio Lower Upper
228 100
226 30.1 24.1 36.1
229 19.8 15.6 23.4

Manual Integrations
APPROVED

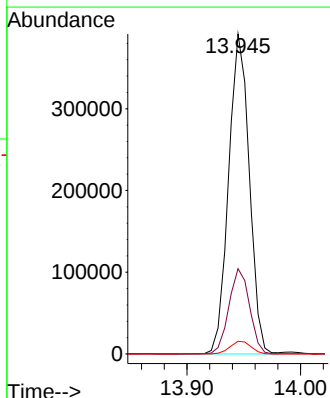
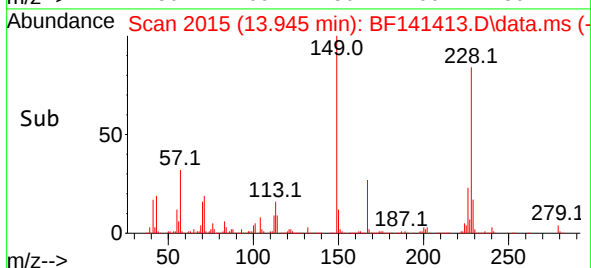
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

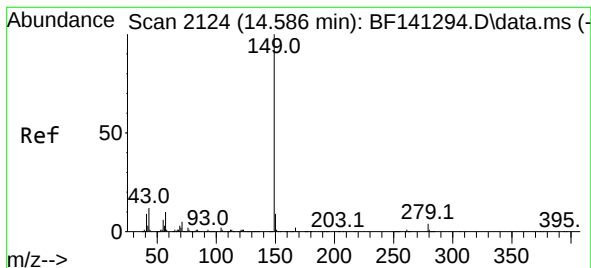


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.896 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22



Tgt Ion:149 Resp: 494764
Ion Ratio Lower Upper
149 100
167 26.6 21.8 32.8
279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 50.343 ng

RT: 14.574 min Scan# 2124

Delta R.T. -0.012 min

Lab File: BF141413.D

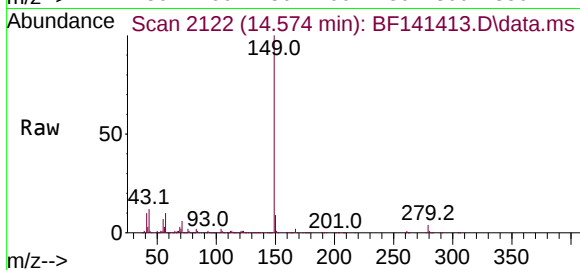
Acq: 04 Feb 2025 17:22

Instrument :

BNA_F

ClientSampleId :

286MS



Tgt Ion:149 Resp: 791208

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

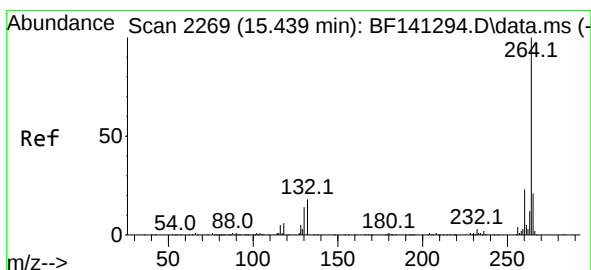
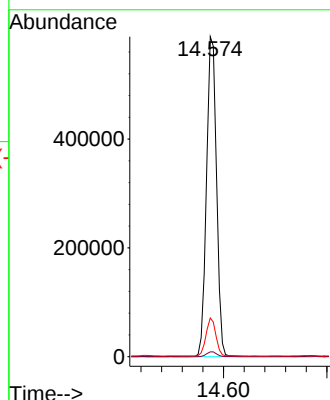
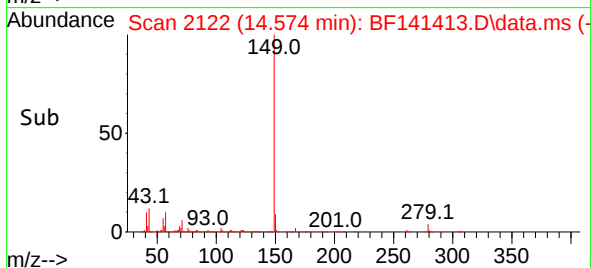
43 11.6 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :mohammad ahmed 02/05/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.427 min Scan# 2267

Delta R.T. -0.012 min

Lab File: BF141413.D

Acq: 04 Feb 2025 17:22

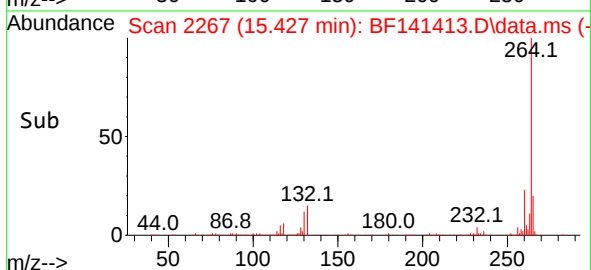
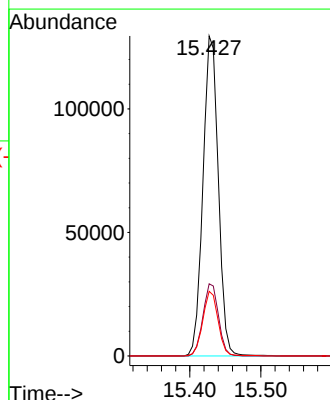
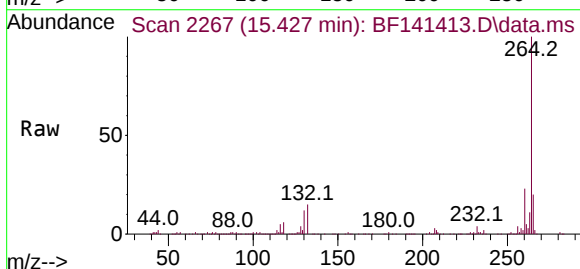
Tgt Ion:264 Resp: 195020

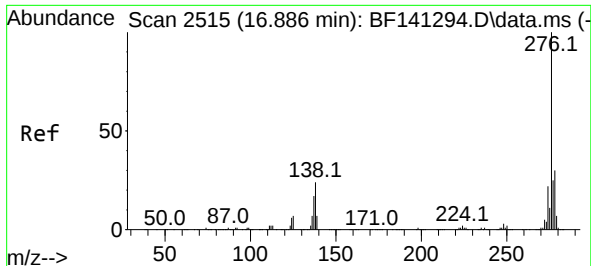
Ion Ratio Lower Upper

264 100

260 22.6 18.6 27.8

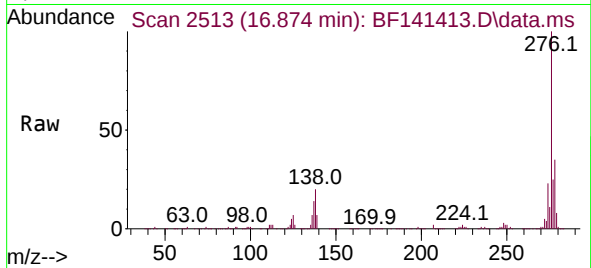
265 20.2 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.398 ng
RT: 16.874 min Scan# 2113
Delta R.T. -0.024 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

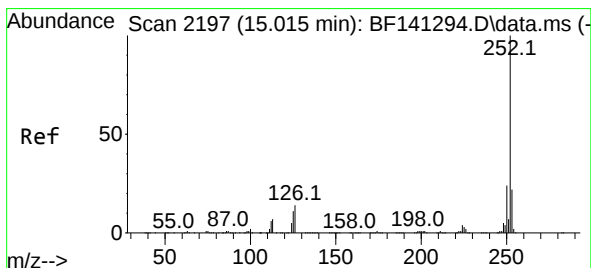
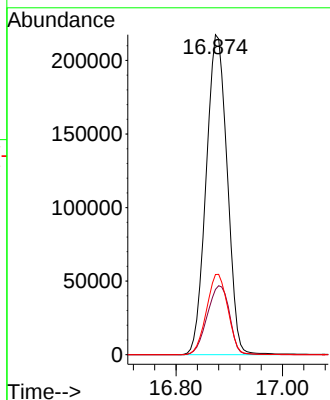
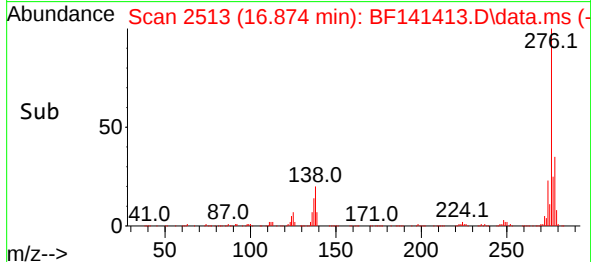
Instrument :
BNA_F
ClientSampleId :
286MS



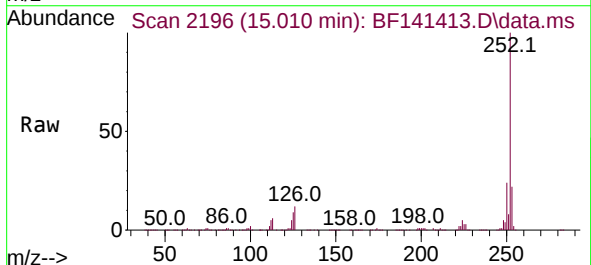
Tgt Ion:276 Resp: 596608
Ion Ratio Lower Upper
276 100
138 22.8 21.7 32.5
277 25.5 20.3 30.5

Manual Integrations
APPROVED

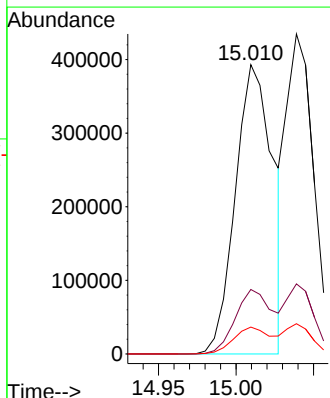
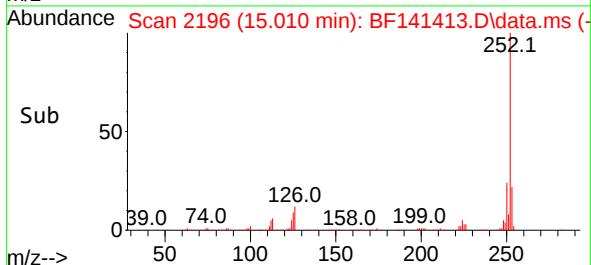
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

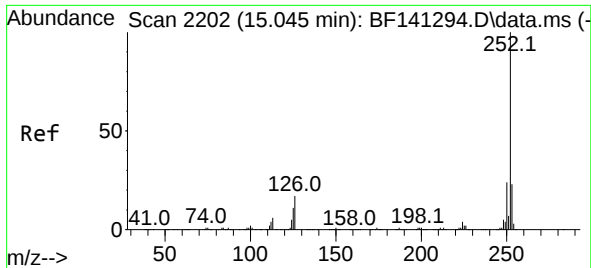


#88
Benzo(b)fluoranthene
Concen: 54.028 ng
RT: 15.010 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22



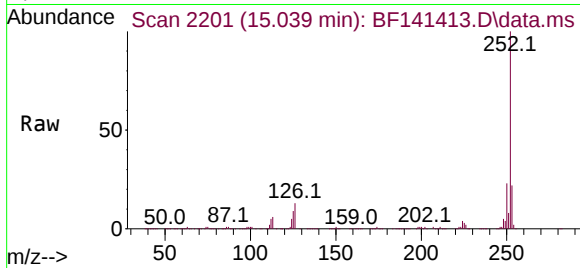
Tgt Ion:252 Resp: 662771
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 9.3 8.6 12.8





#89
Benzo(k)fluoranthene
Concen: 49.235 ng
RT: 15.039 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

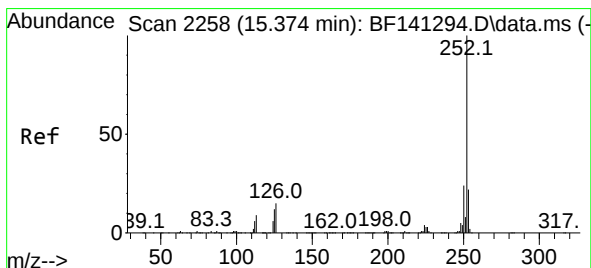
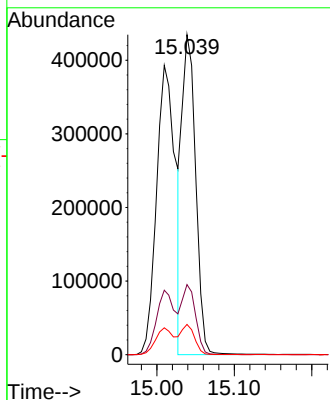
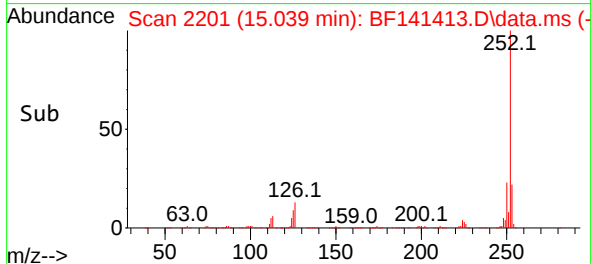
Instrument :
BNA_F
ClientSampleId :
286MS



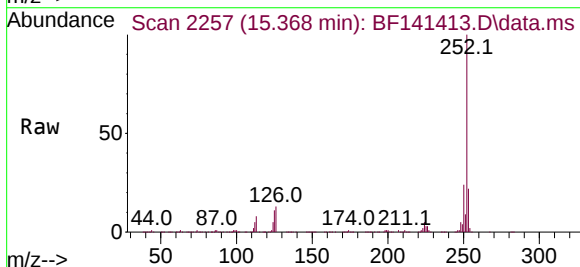
Tgt Ion:252 Resp: 535050
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 9.5 8.4 12.6

Manual Integrations
APPROVED

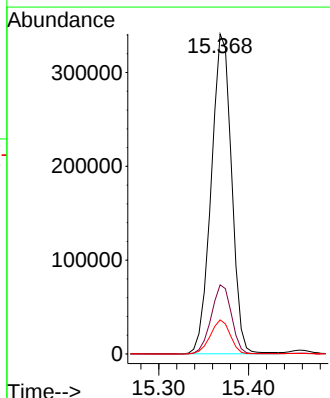
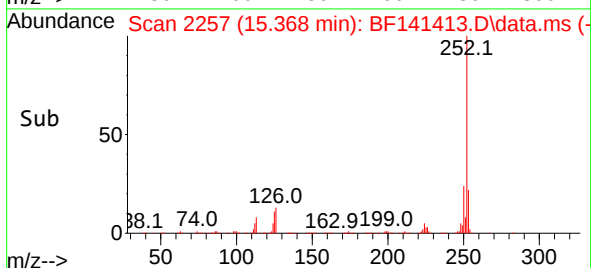
Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

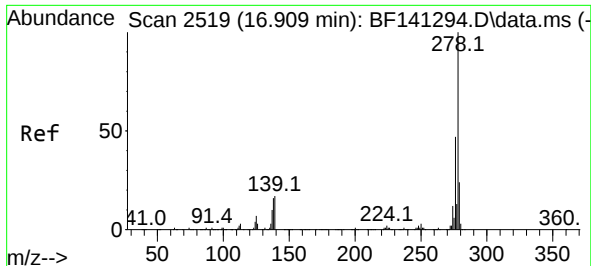


#90
Benzo(a)pyrene
Concen: 51.748 ng
RT: 15.368 min Scan# 2257
Delta R.T. -0.012 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22



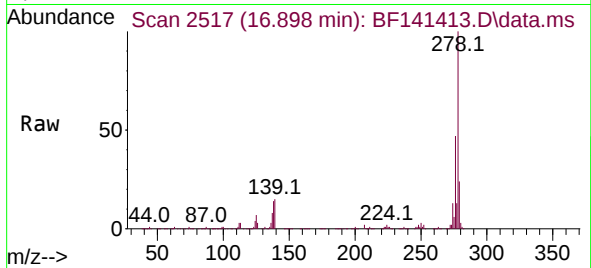
Tgt Ion:252 Resp: 536439
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 10.7 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 47.252 ng
RT: 16.898 min Scan# 2519
Delta R.T. -0.024 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22

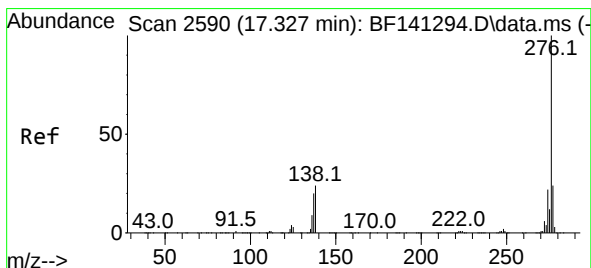
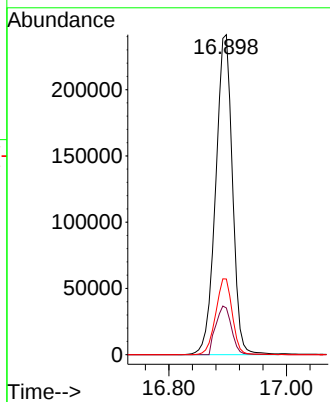
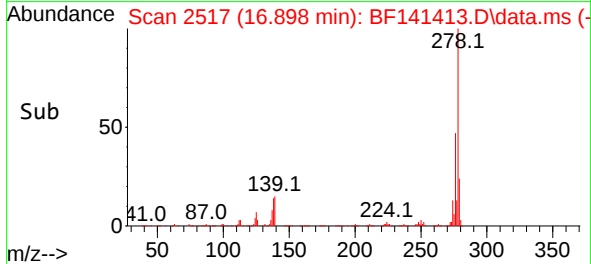
Instrument :
BNA_F
ClientSampleId :
286MS



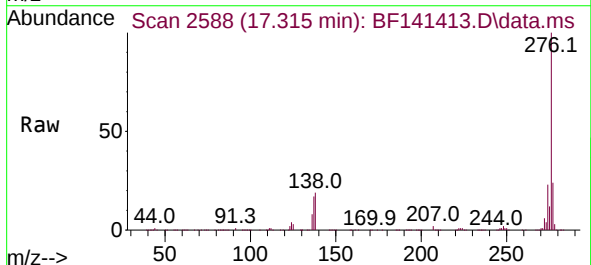
Tgt Ion:278 Resp: 478509
Ion Ratio Lower Upper
278 100
139 14.6 13.9 20.9
279 23.7 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025



#92
Benzo(g,h,i)perylene
Concen: 44.551 ng
RT: 17.315 min Scan# 2588
Delta R.T. -0.030 min
Lab File: BF141413.D
Acq: 04 Feb 2025 17:22



Tgt Ion:276 Resp: 469111
Ion Ratio Lower Upper
276 100
277 23.7 19.2 28.8
138 19.2 19.0 28.4

