

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141373.D
 Acq On : 03 Feb 2025 17:14
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/06/2025

Quant Time: Feb 04 00:16:39 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	6.798	152	104167	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	414412	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	226326	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	383558	20.000	ng	0.00
76) Chrysene-d12	13.963	240	233911	20.000	ng	-0.01
86) Perylene-d12	15.415	264	231577	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	542601	79.968	ng	0.00
7) Phenol-d6	6.439	99	665791	77.133	ng	0.00
23) Nitrobenzene-d5	7.363	82	632818	80.499	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	175756	84.706	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1169231	79.517	ng	0.00
79) Terphenyl-d14	12.910	244	1192221	78.604	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.475	88	121152	40.599	ng	100
3) Pyridine	3.210	79	256725	35.706	ng	99
4) n-Nitrosodimethylamine	3.163	42	171120	41.662	ng	93
6) Aniline	6.457	93	214496	29.356	ng	# 6
8) 2-Chlorophenol	6.587	128	289746	39.841	ng	97
9) Benzaldehyde	6.345	77	216223	43.247	ng	99
10) Phenol	6.451	94	352818	38.559	ng	79
11) bis(2-Chloroethyl)ether	6.534	93	272822	38.887	ng	100
12) 1,3-Dichlorobenzene	6.734	146	319939	39.899	ng	100
13) 1,4-Dichlorobenzene	6.816	146	327100	40.605	ng	99
14) 1,2-Dichlorobenzene	6.969	146	306404	40.620	ng	99
15) Benzyl Alcohol	6.939	79	249700	42.330	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	456565	37.424	ng	76
17) 2-Methylphenol	7.063	107	231097	39.098	ng	# 91
18) Hexachloroethane	7.310	117	122966	41.378	ng	97
19) n-Nitroso-di-n-propyla...	7.210	70	204348	39.842	ng	99
20) 3+4-Methylphenols	7.210	107	295742	40.751	ng	96
22) Acetophenone	7.204	105	403113	40.923	ng	# 97
24) Nitrobenzene	7.381	77	322702	39.612	ng	98
25) Isophorone	7.616	82	541055	39.816	ng	99
26) 2-Nitrophenol	7.692	139	155896	40.576	ng	96
27) 2,4-Dimethylphenol	7.739	122	196433m	40.168	ng	
28) bis(2-Chloroethoxy)met...	7.828	93	338131	39.010	ng	99
29) 2,4-Dichlorophenol	7.945	162	242512	40.508	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	271821	39.757	ng	100
31) Naphthalene	8.098	128	867292	39.616	ng	100
32) Benzoic acid	7.857	122	193009	42.934	ng	98
33) 4-Chloroaniline	8.151	127	242580	32.676	ng	99
34) Hexachlorobutadiene	8.216	225	168912	42.128	ng	99
35) Caprolactam	8.516	113	79702	40.764	ng	98
36) 4-Chloro-3-methylphenol	8.639	107	263711	41.066	ng	96
37) 2-Methylnaphthalene	8.792	142	556906	40.024	ng	99
38) 1-Methylnaphthalene	8.886	142	547195	40.034	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	258626	40.167	ng	100
41) Hexachlorocyclopentadiene	8.939	237	83996	44.173	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	171810	40.768	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	186902	40.747	ng	100
46) 1,1'-Biphenyl	9.257	154	695314	39.393	ng	99
47) 2-Chloronaphthalene	9.280	162	541319	39.346	ng	99
48) 2-Nitroaniline	9.375	65	175746	40.613	ng	96
49) Acenaphthylene	9.692	152	761884	39.561	ng	100
50) Dimethylphthalate	9.557	163	614225	40.182	ng	99
51) 2,6-Dinitrotoluene	9.622	165	142423	40.128	ng	100
52) Acenaphthene	9.869	154	554750	40.321	ng	99
53) 3-Nitroaniline	9.786	138	140545	40.403	ng	98
54) 2,4-Dinitrophenol	9.892	184	76994	46.667	ng	91
55) Dibenzofuran	10.039	168	727950	39.528	ng	98
56) 4-Nitrophenol	9.969	139	106562	41.887	ng	94
57) 2,4-Dinitrotoluene	10.022	165	191425	41.657	ng	97
58) Fluorene	10.380	166	581931	40.737	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	152033	42.131	ng	98
60) Diethylphthalate	10.257	149	609242	41.105	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	280983	40.268	ng	97
62) 4-Nitroaniline	10.404	138	147941	43.258	ng	96
63) Azobenzene	10.533	77	585808	39.486	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	107093	47.204	ng	97
66) n-Nitrosodiphenylamine	10.492	169	492539	39.703	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	179324	41.761	ng	98
68) Hexachlorobenzene	10.927	284	186820	41.015	ng	98
69) Atrazine	11.022	200	166008	40.023	ng	99
70) Pentachlorophenol	11.127	266	120209	45.068	ng	98
71) Phenanthrene	11.345	178	840073	40.745	ng	100
72) Anthracene	11.398	178	829686	41.070	ng	100
73) Carbazole	11.551	167	749638	41.848	ng	99
74) Di-n-butylphthalate	11.886	149	917962	42.285	ng	100
75) Fluoranthene	12.533	202	861847	42.335	ng	98
77) Benzidine	12.657	184	219025	29.208	ng	99
78) Pyrene	12.763	202	860076	38.305	ng	100
80) Butylbenzylphthalate	13.380	149	328897	41.929	ng	99
81) Benzo(a)anthracene	13.951	228	604276	37.437	ng	100
82) 3,3'-Dichlorobenzidine	13.915	252	198361	38.639	ng	99
83) Chrysene	13.986	228	580099	39.215	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	436237	43.840	ng	99
85) Di-n-octyl phthalate	14.562	149	689323	44.601	ng	100
87) Indeno(1,2,3-cd)pyrene	16.862	276	626825	41.938	ng	98
88) Benzo(b)fluoranthene	14.998	252	571343	39.222	ng	99
89) Benzo(k)fluoranthene	15.027	252	534749	41.439	ng	99
90) Benzo(a)pyrene	15.357	252	503731	40.922	ng	99
91) Dibenzo(a,h)anthracene	16.880	278	510363	42.442	ng	98
92) Benzo(g,h,i)perylene	17.298	276	518300	41.452	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

Instrument :

BNA_F

ClientSampleId :

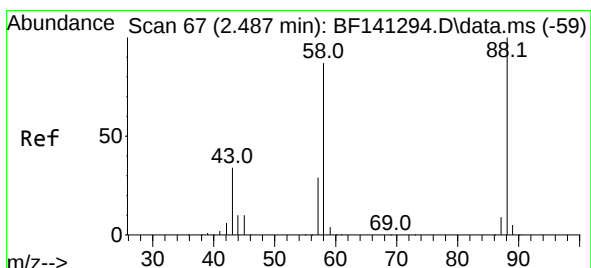
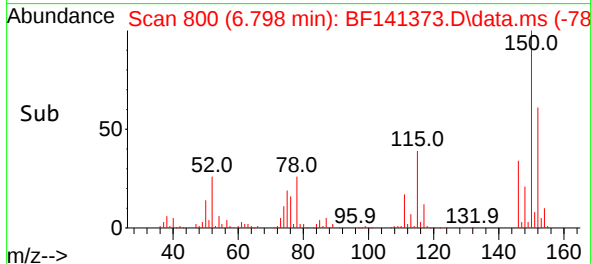
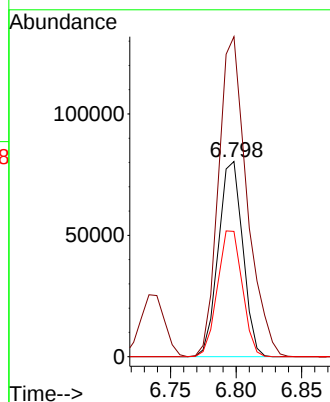
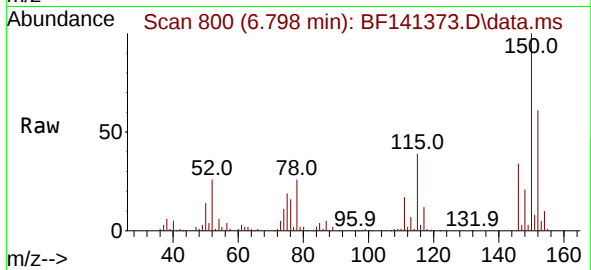
SSTDCCC040

Tgt Ion:152 Resp: 10416
Ion Ratio Lower Upper
152 100
150 163.9 125.9 188.9
115 64.2 49.7 74.5

Manual Integrations

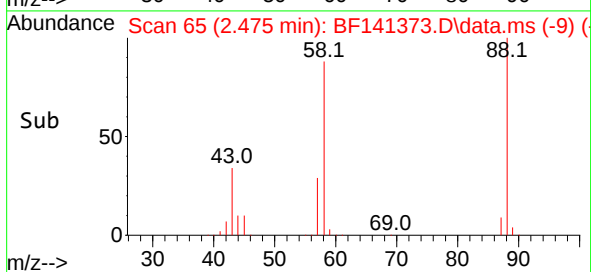
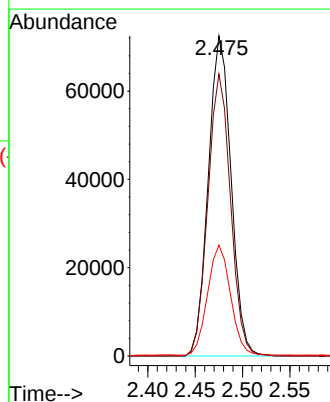
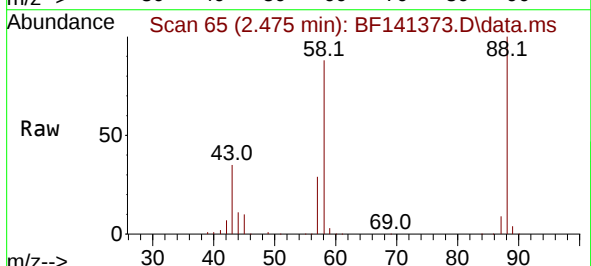
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Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#2
1,4-Dioxane
Concen: 40.599 ng
RT: 2.475 min Scan# 65
Delta R.T. -0.018 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

Tgt Ion: 88 Resp: 121152
Ion Ratio Lower Upper
88 100
58 87.5 70.2 105.4
43 34.6 27.6 41.4





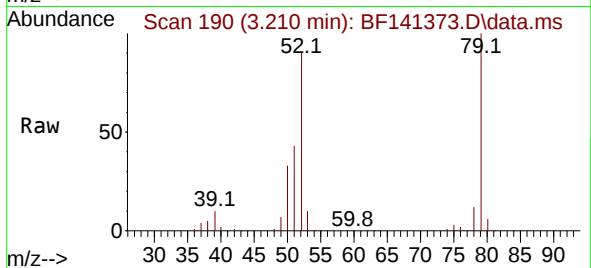
#3
Pyridine
Concen: 35.706 ng
RT: 3.210 min Scan# 191
Delta R.T. -0.018 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

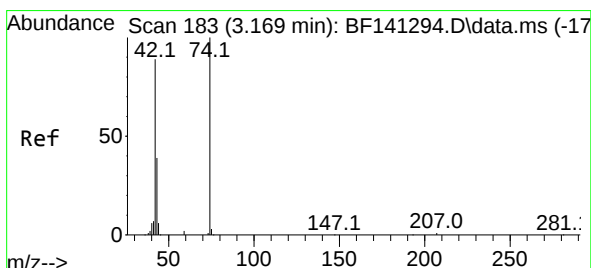
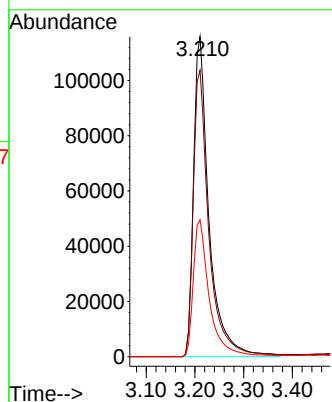
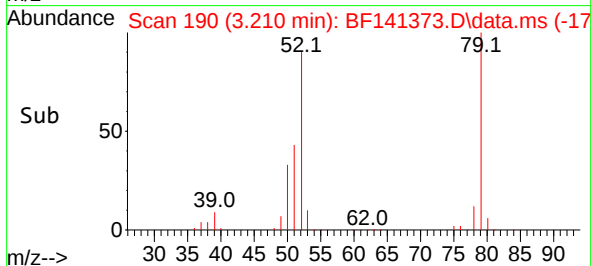


Tgt Ion: 79 Resp: 256725
Ion Ratio Lower Upper
79 100
52 89.5 70.3 105.5
51 42.8 34.3 51.5

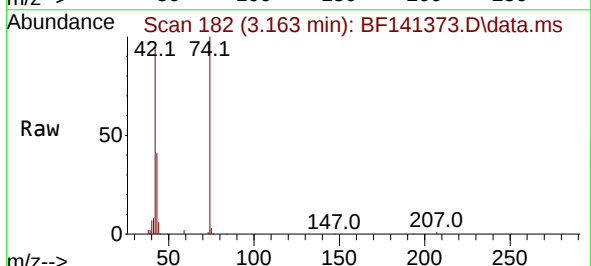
Manual Integrations

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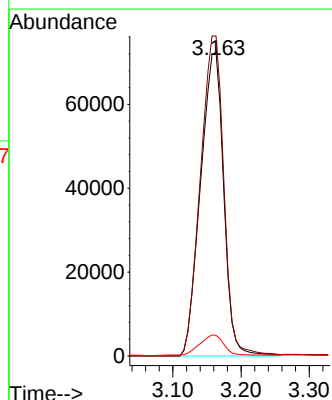
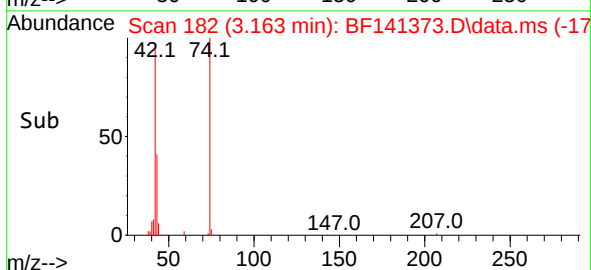
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#4
n-Nitrosodimethylamine
Concen: 41.662 ng
RT: 3.163 min Scan# 182
Delta R.T. -0.035 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14



Tgt Ion: 42 Resp: 171120
Ion Ratio Lower Upper
42 100
74 105.3 90.3 135.5
44 6.8 5.7 8.5





#5
2-Fluorophenol
Concen: 79.968 ng
RT: 5.410 min Scan# 50
Delta R.T. -0.000 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

Instrument :

BNA_F

ClientSampleId :

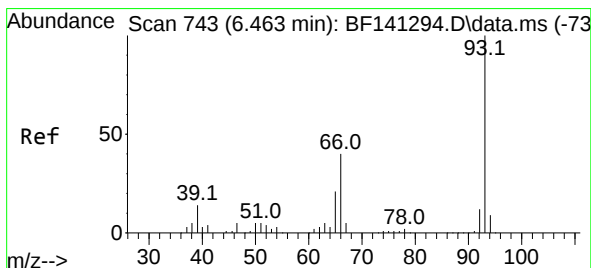
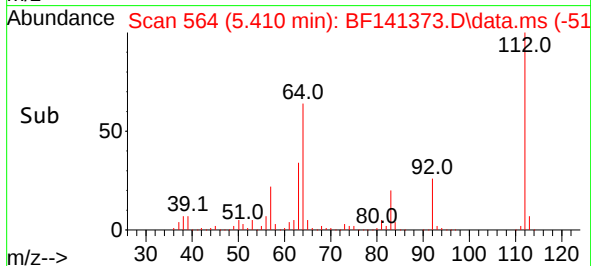
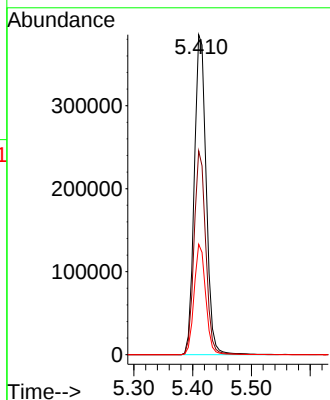
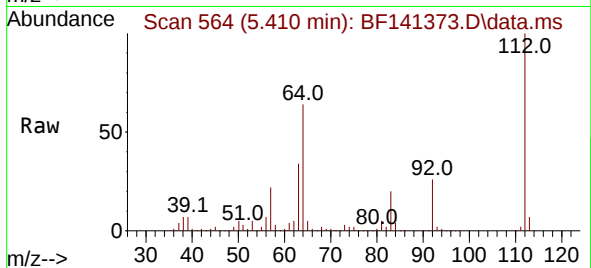
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Tgt Ion:112 Resp: 54260
Ion Ratio Lower Upper
112 100
64 63.7 49.8 74.8
63 34.5 26.1 39.1

Manual Integrations

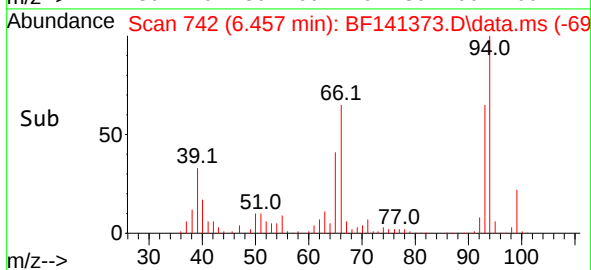
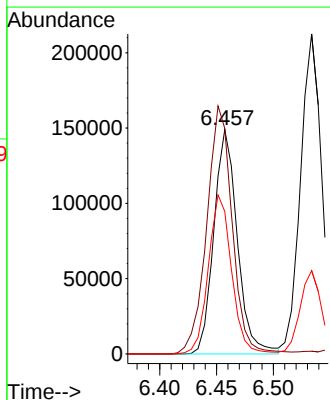
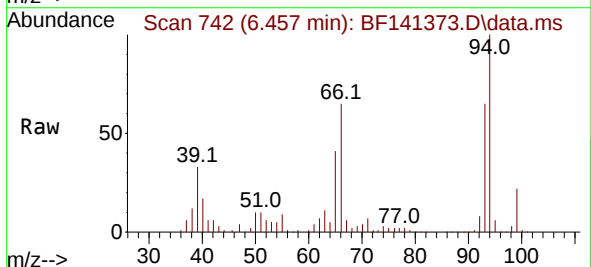
APPROVED

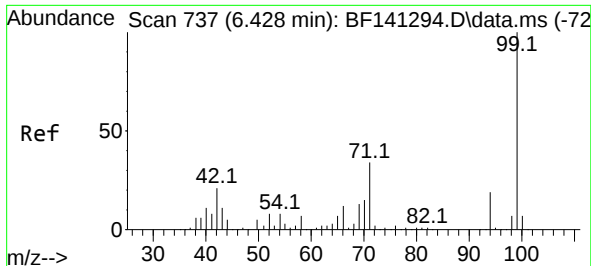
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#6
Aniline
Concen: 29.356 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

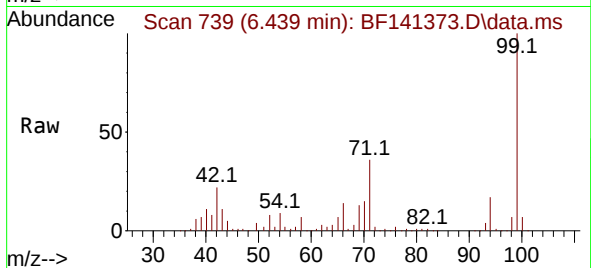
Tgt Ion: 93 Resp: 214496
Ion Ratio Lower Upper
93 100
66 100.5 32.5 48.7#
65 63.5 17.0 25.6#





#7
Phenol-d6
Concen: 77.133 ng
RT: 6.439 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

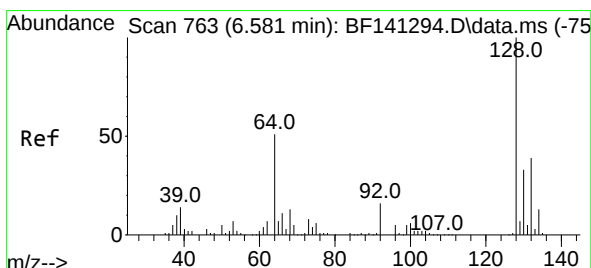
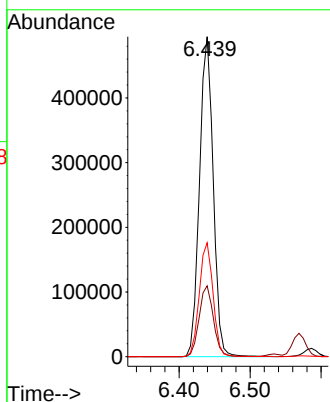
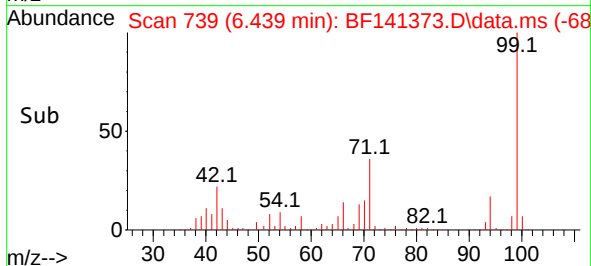
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



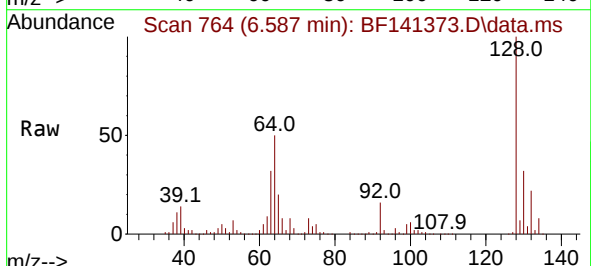
Tgt Ion: 99 Resp: 66579
Ion Ratio Lower Upper
99 100
42 22.1 17.1 25.7
71 35.6 26.9 40.3

Manual Integrations
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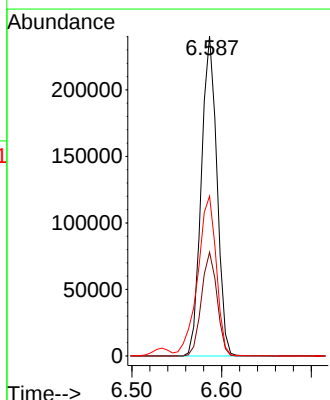
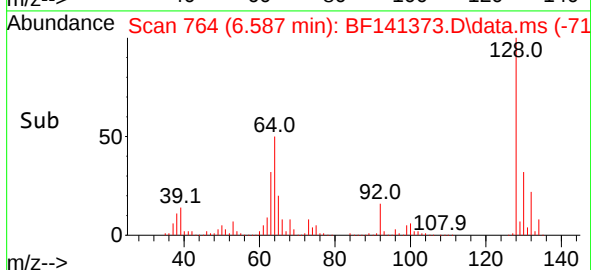
Reviewed By :Jagrut Upadhyay 02/04/2025
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#8
2-Chlorophenol
Concen: 39.841 ng
RT: 6.587 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14



Tgt Ion:128 Resp: 289746
Ion Ratio Lower Upper
128 100
130 32.4 12.5 52.5
64 50.0 32.9 72.9





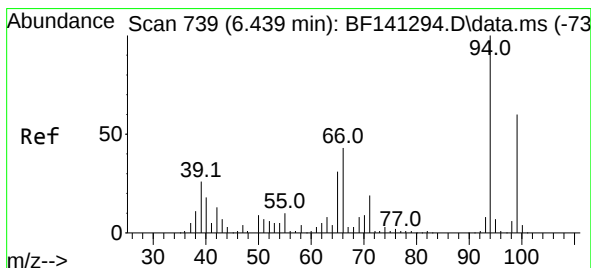
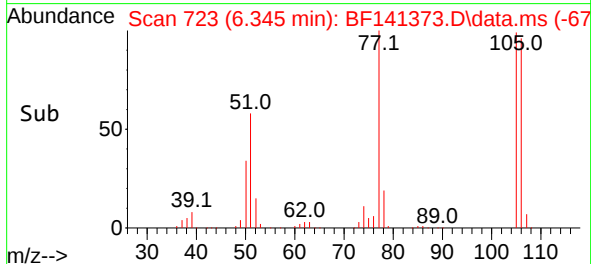
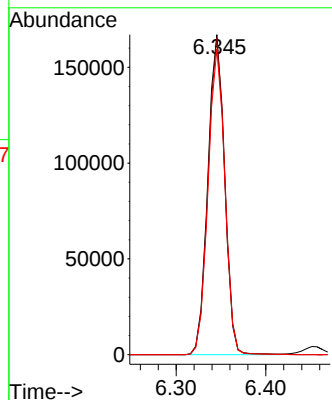
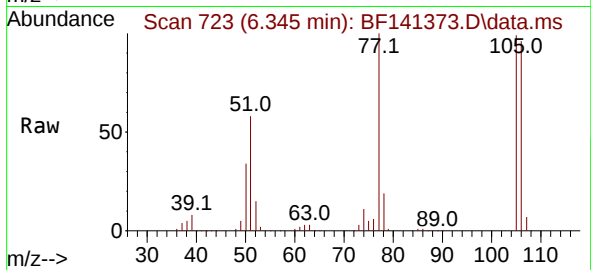
#9
Benzaldehyde
Concen: 43.247 ng
RT: 6.345 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 21622
Ion Ratio Lower Upper
77 100
105 99.0 79.4 119.4
106 95.5 74.6 114.6

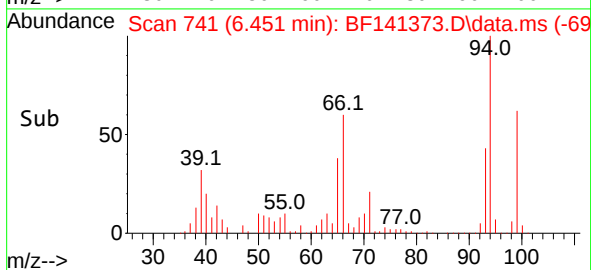
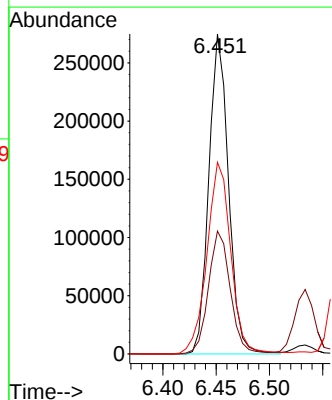
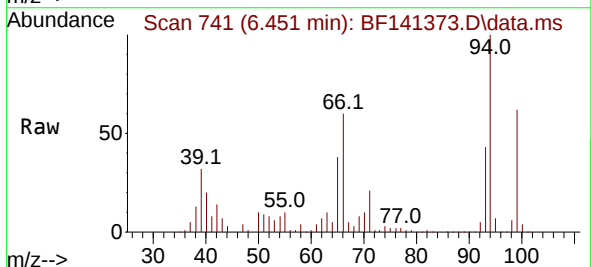
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#10
Phenol
Concen: 38.559 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

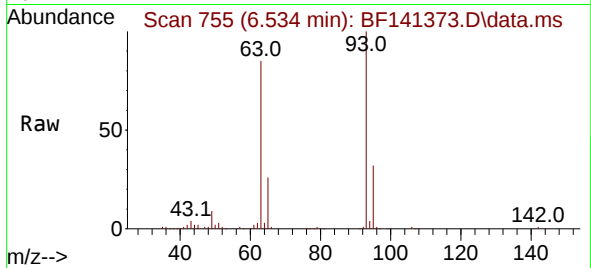
Tgt Ion: 94 Resp: 352818
Ion Ratio Lower Upper
94 100
65 38.4 10.8 50.8
66 59.9 23.3 63.3





#11
bis(2-Chloroethyl)ether
Concen: 38.887 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

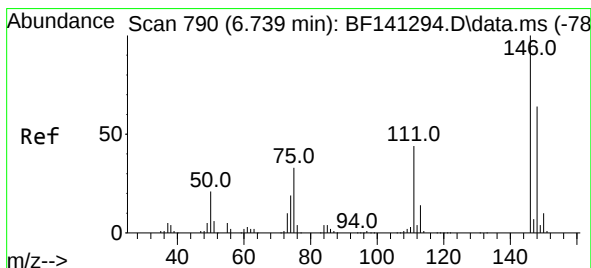
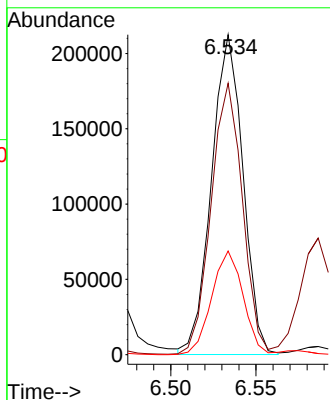
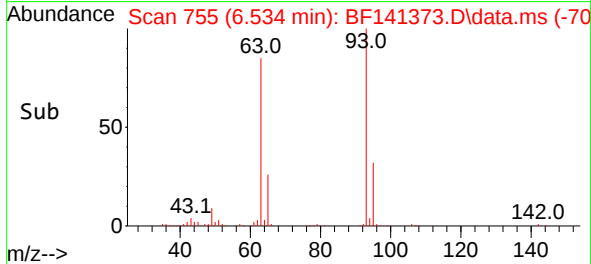
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



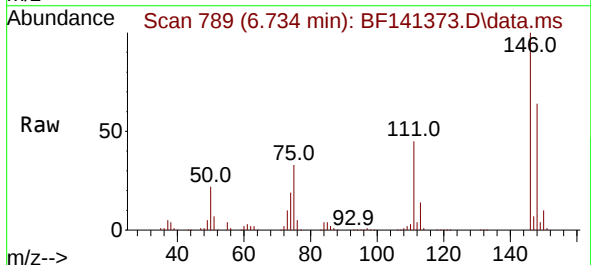
Tgt Ion: 93 Resp: 27282
Ion Ratio Lower Upper
93 100
63 84.8 65.0 105.0
95 32.4 12.4 52.4

Manual Integrations
APPROVED

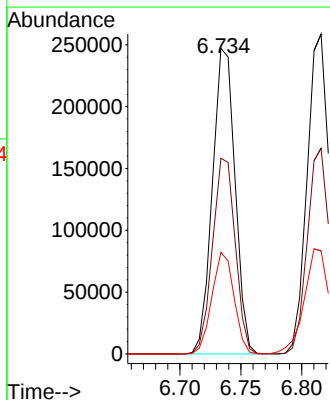
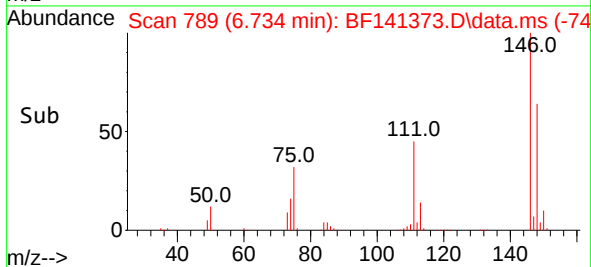
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#12
1,3-Dichlorobenzene
Concen: 39.899 ng
RT: 6.734 min Scan# 789
Delta R.T. -0.012 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14



Tgt Ion:146 Resp: 319939
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
75 33.3 26.2 39.4





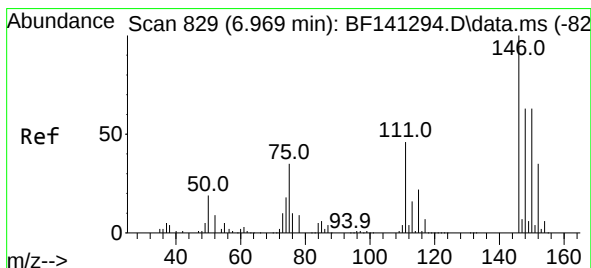
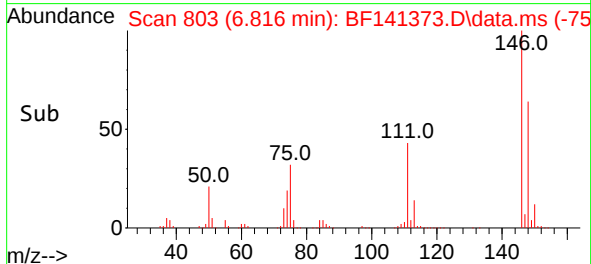
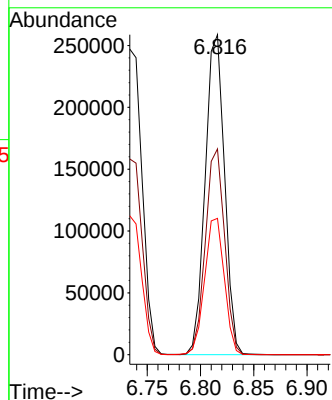
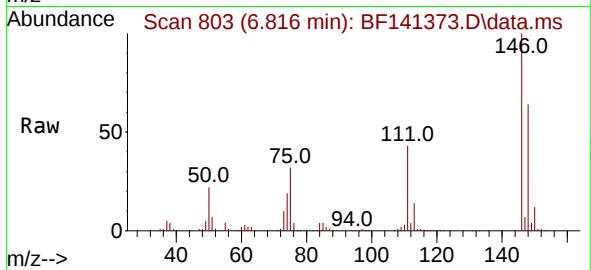
#13
1,4-Dichlorobenzene
Concen: 40.605 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 327100
Ion Ratio Lower Upper
146 100
148 64.3 51.2 76.8
111 42.6 35.0 52.4

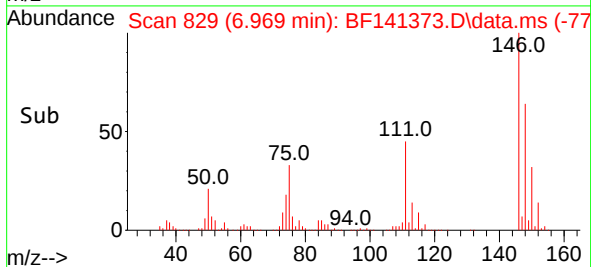
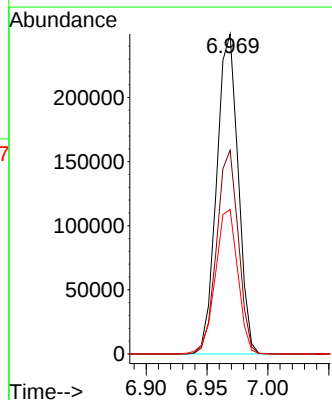
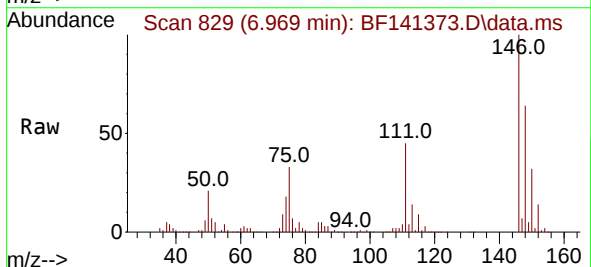
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#14
1,2-Dichlorobenzene
Concen: 40.620 ng
RT: 6.969 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

Tgt Ion:146 Resp: 306404
Ion Ratio Lower Upper
146 100
148 63.6 50.5 75.7
111 45.2 36.6 55.0





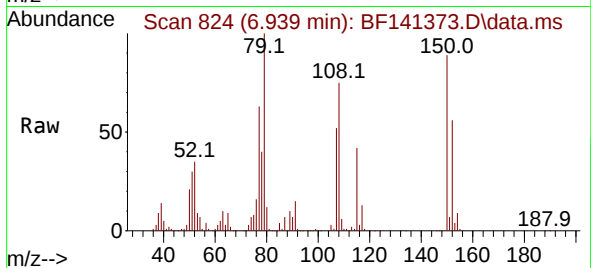
#15
Benzyl Alcohol
Concen: 42.330 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

Instrument :

BNA_F

ClientSampleId :

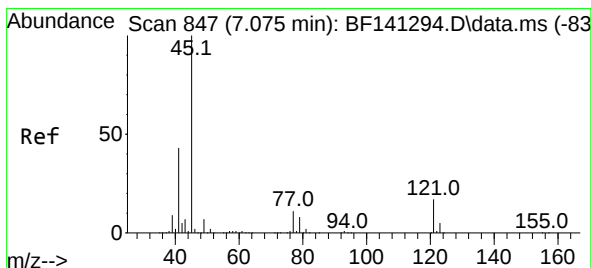
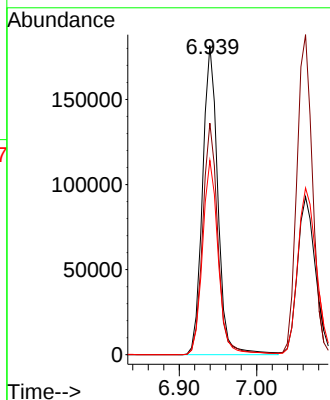
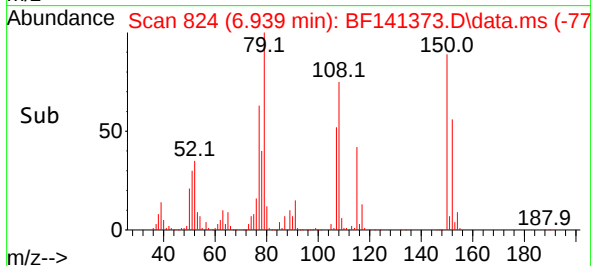
SSTDCCC040



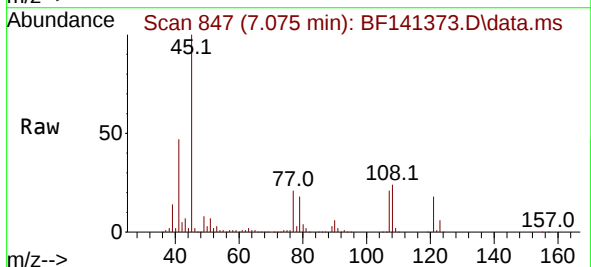
Tgt Ion: 79 Resp: 249700
Ion Ratio Lower Upper
79 100
108 74.9 61.4 92.0
77 62.9 49.9 74.9

Manual Integrations
APPROVED

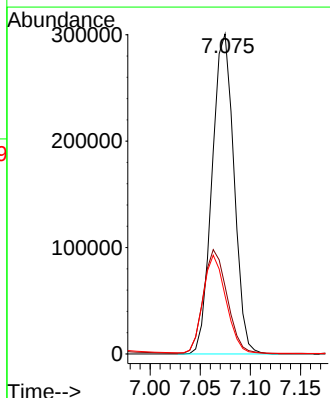
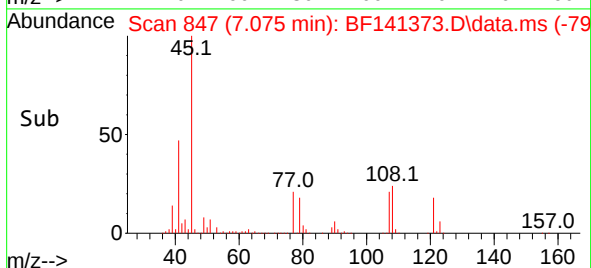
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

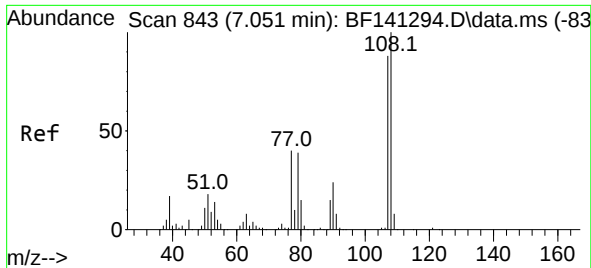


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.424 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14



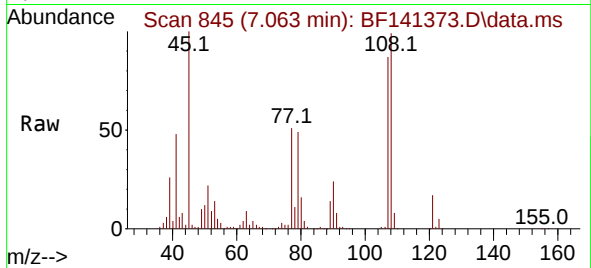
Tgt Ion: 45 Resp: 456565
Ion Ratio Lower Upper
45 100
77 21.1 0.0 31.8
79 18.1 0.0 29.1





#17
2-Methylphenol
Concen: 39.098 ng
RT: 7.063 min Scan# 843
Delta R.T. 0.006 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

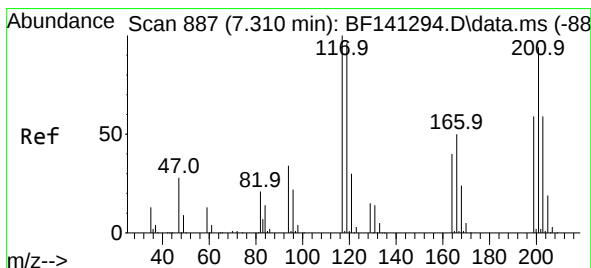
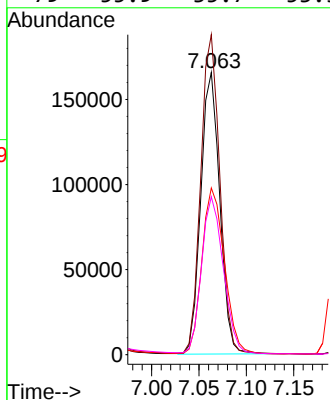
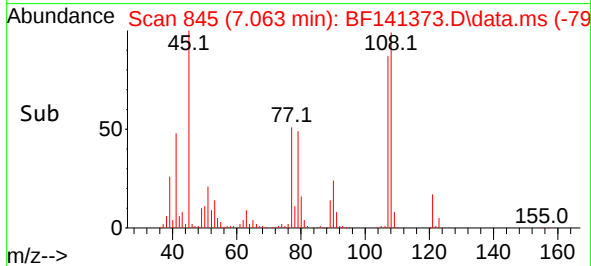
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:107 Resp: 23109
Ion Ratio Lower Upper
107 100
108 113.4 90.8 136.2
77 59.1 36.2 54.4
79 55.9 35.7 53.5#

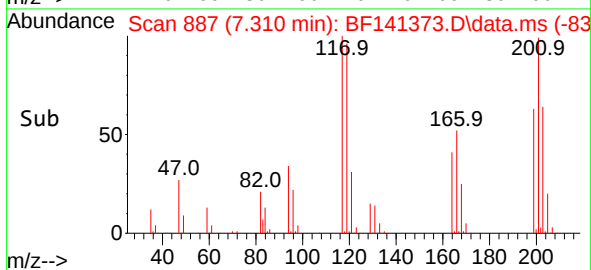
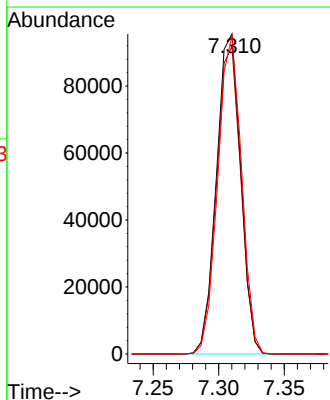
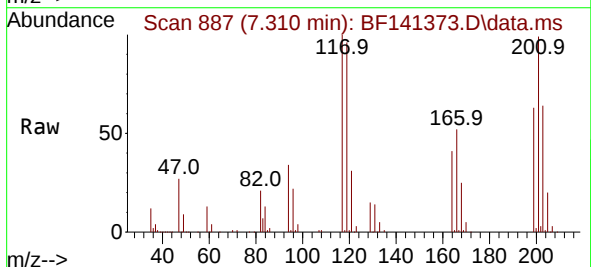
Manual Integrations
APPROVED

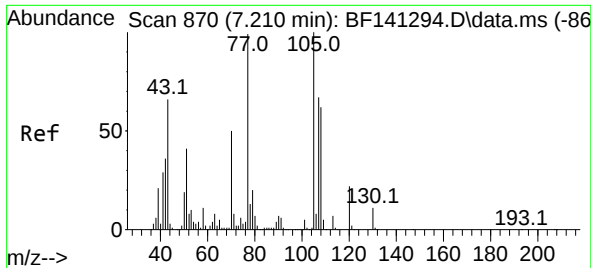
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#18
Hexachloroethane
Concen: 41.378 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

Tgt Ion:117 Resp: 122966
Ion Ratio Lower Upper
117 100
119 96.1 76.6 114.8
201 99.4 74.8 112.2





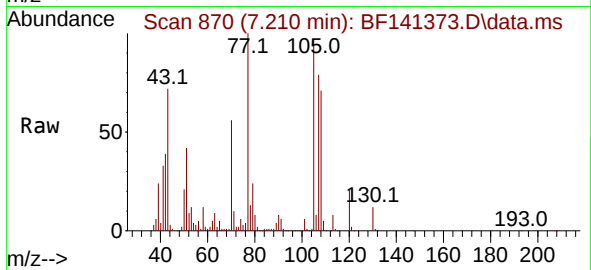
#19
n-Nitroso-di-n-propylamine
Concen: 39.842 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

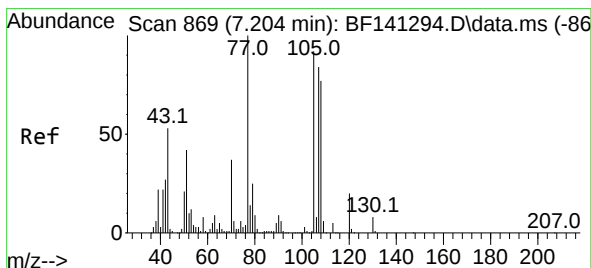
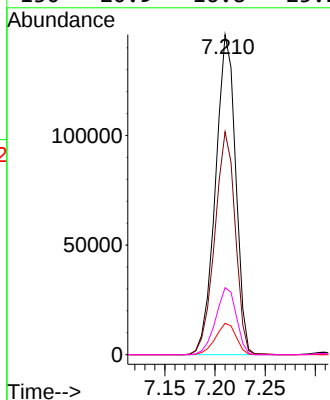
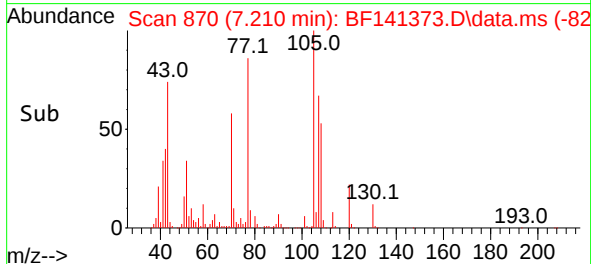


Tgt Ion: 70 Resp: 20434
Ion Ratio Lower Upper
70 100
42 69.6 56.8 85.2
101 9.8 7.7 11.5
130 20.9 16.8 25.2

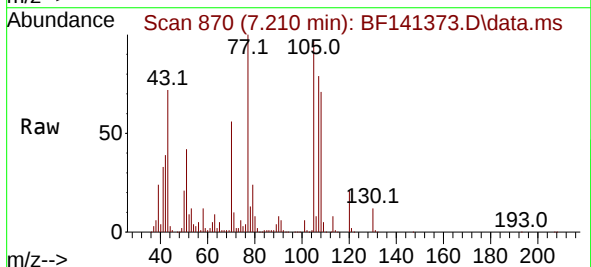
Manual Integrations

APPROVED

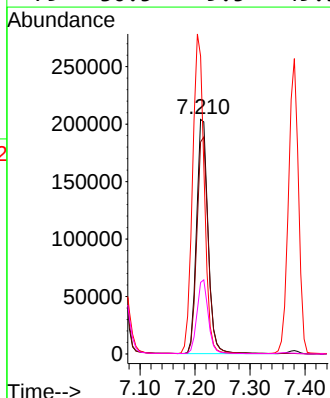
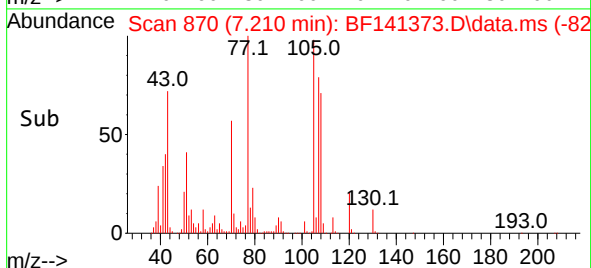
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#20
3+4-Methylphenols
Concen: 40.751 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14



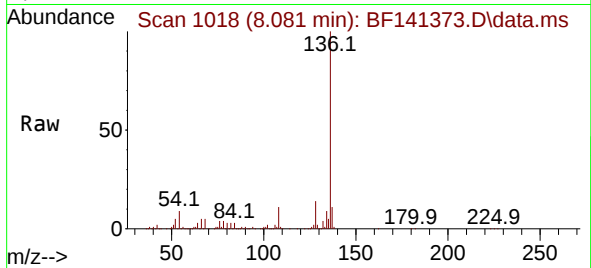
Tgt Ion:107 Resp: 295742
Ion Ratio Lower Upper
107 100
108 90.3 70.9 110.9
77 126.9 98.5 138.5
79 30.5 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

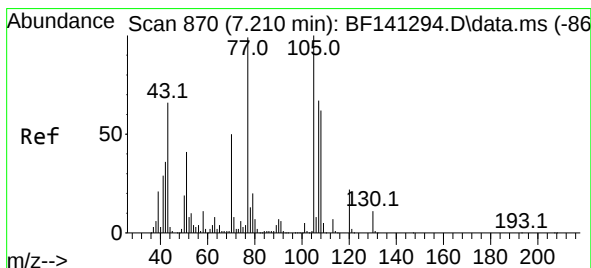
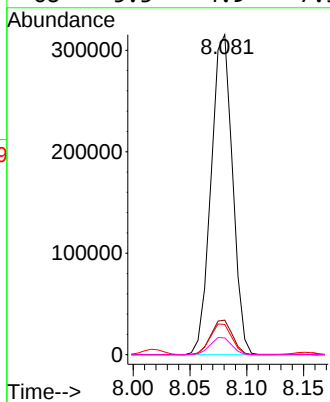
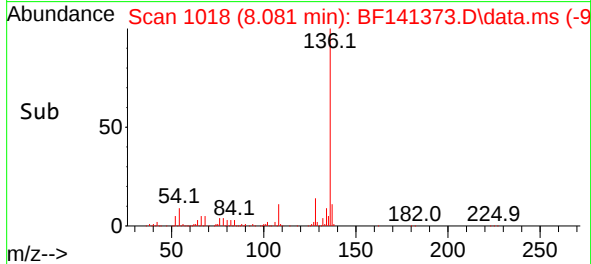
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



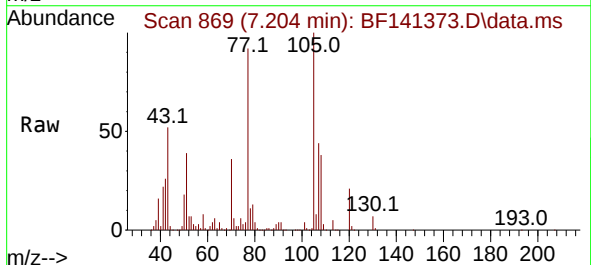
Tgt Ion:	136	Resp:	41441
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	9.5	7.8	11.8
68	5.3	4.9	7.3

Manual Integrations
APPROVED

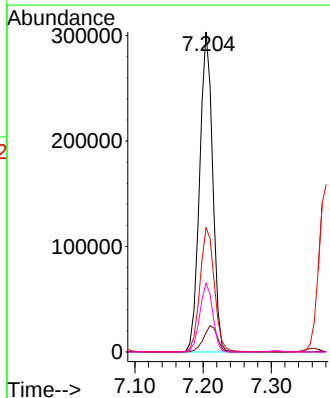
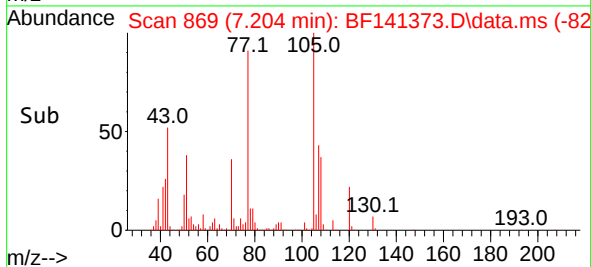
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#22
Acetophenone
Concen: 40.923 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14



Tgt Ion:	105	Resp:	403113
Ion Ratio	Lower	Upper	
105	100		
71	6.0	6.8	10.2
51	38.8	32.6	49.0
120	21.5	17.4	26.0





#23

Nitrobenzene-d5

Concen: 80.499 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF141373.D

Acq: 03 Feb 2025 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 632818

Ion Ratio Lower Upper

82 100

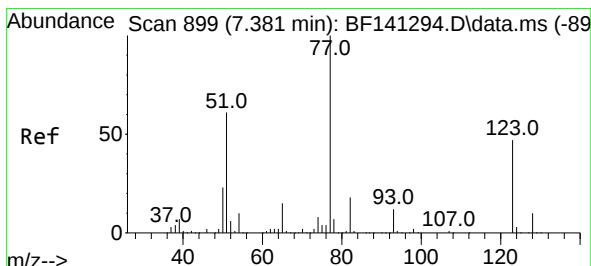
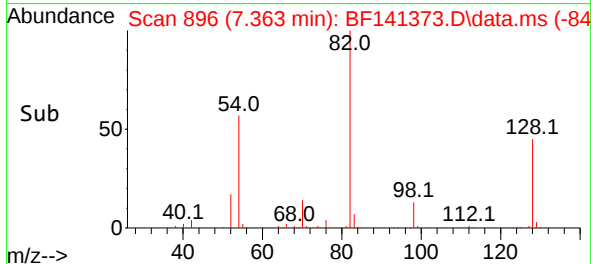
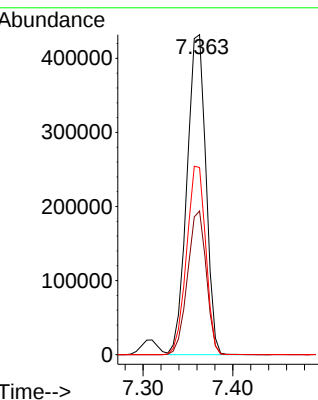
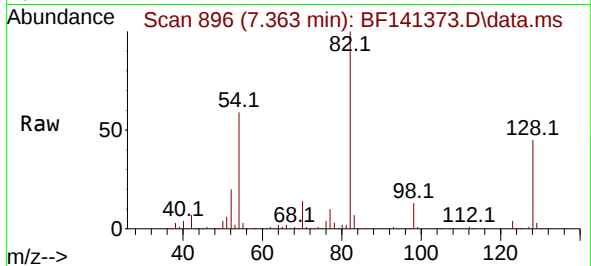
128 44.9 35.7 53.5

54 58.5 47.1 70.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#24

Nitrobenzene

Concen: 39.612 ng

RT: 7.381 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF141373.D

Acq: 03 Feb 2025 17:14

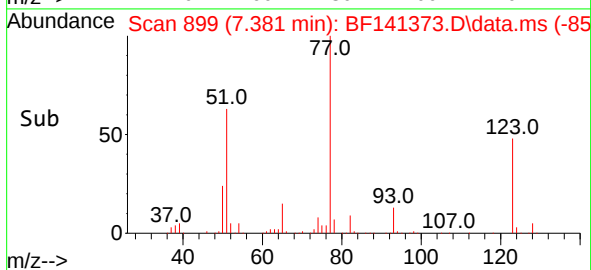
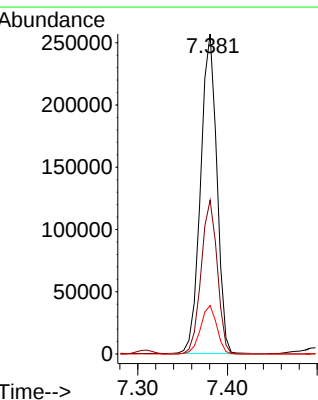
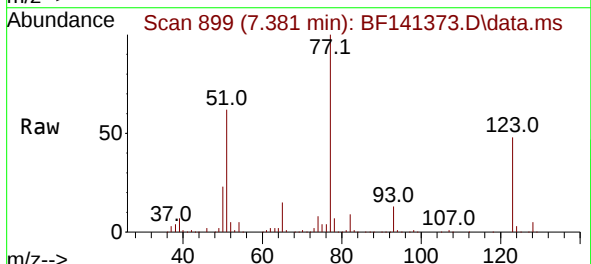
Tgt Ion: 77 Resp: 322702

Ion Ratio Lower Upper

77 100

123 48.1 37.3 55.9

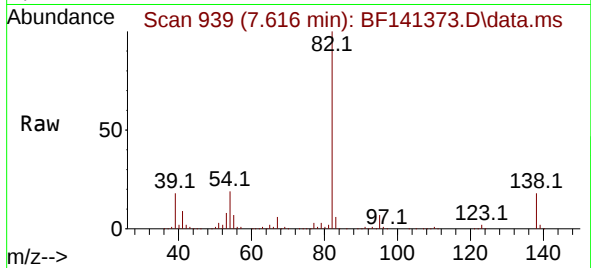
65 15.1 11.8 17.6





#25
Isophorone
Concen: 39.816 ng
RT: 7.616 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

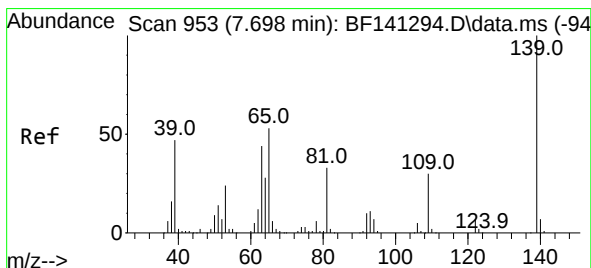
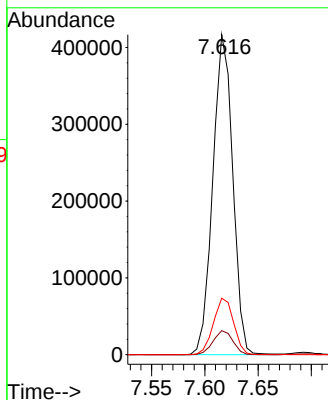
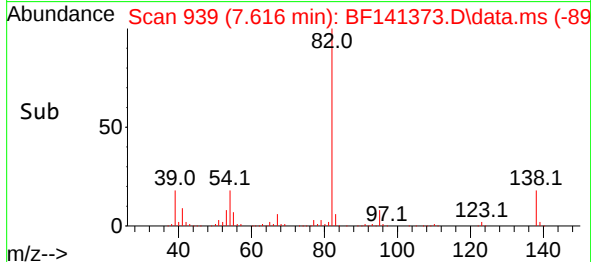
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 54105
Ion Ratio Lower Upper
82 100
95 7.5 5.8 8.6
138 17.7 14.7 22.1

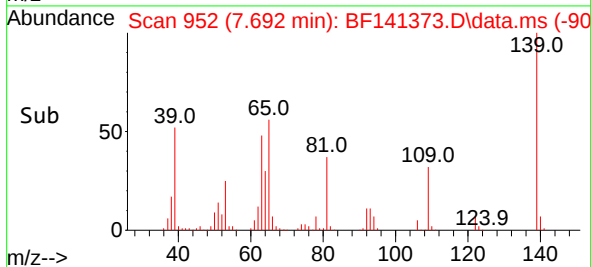
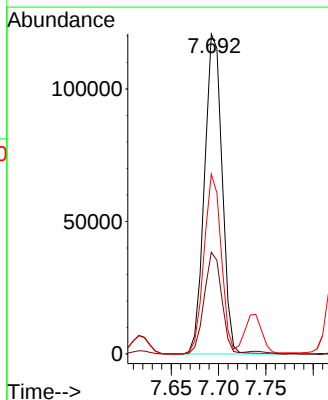
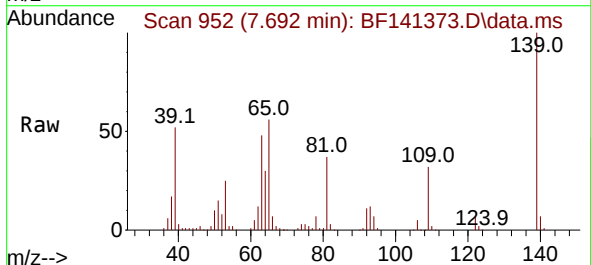
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#26
2-Nitrophenol
Concen: 40.576 ng
RT: 7.692 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

Tgt Ion:139 Resp: 155896
Ion Ratio Lower Upper
139 100
109 31.8 23.8 35.6
65 56.2 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 40.168 ng m

RT: 7.739 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF141373.D

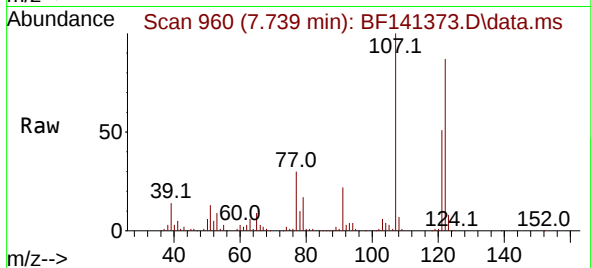
Acq: 03 Feb 2025 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:122 Resp: 19643

Ion Ratio Lower Upper

122 100

107 114.4 89.9 134.9

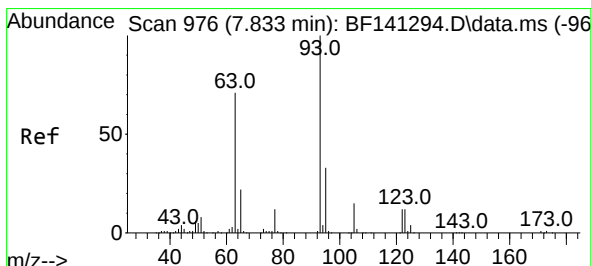
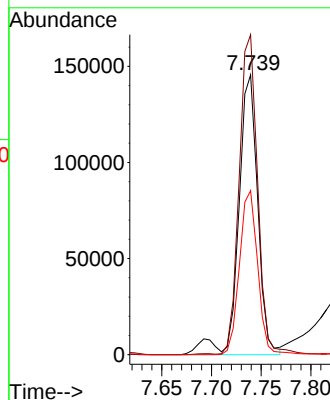
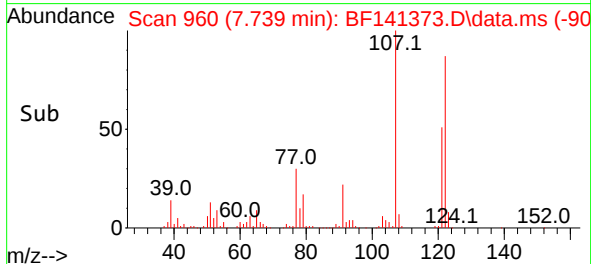
121 58.6 46.1 69.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025

Supervised By :mohammad ahmed 02/06/2025



#28

bis(2-Chloroethoxy)methane

Concen: 39.010 ng

RT: 7.828 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF141373.D

Acq: 03 Feb 2025 17:14

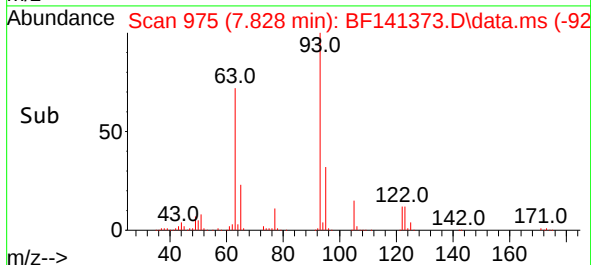
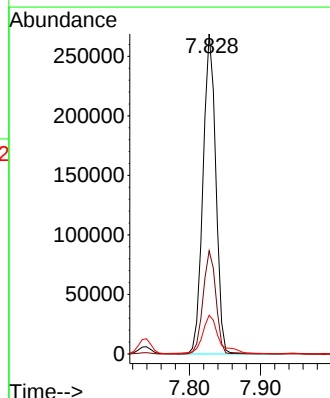
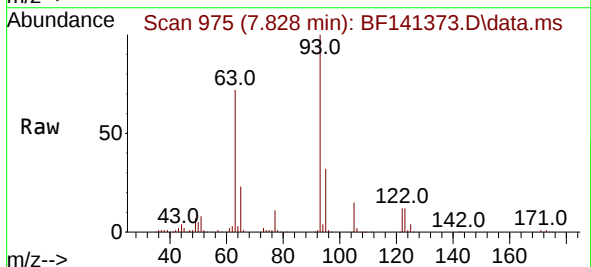
Tgt Ion: 93 Resp: 338131

Ion Ratio Lower Upper

93 100

95 32.2 26.2 39.2

123 12.1 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 40.508 ng

RT: 7.945 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF141373.D

Acq: 03 Feb 2025 17:14

Instrument :

BNA_F

ClientSampleId :

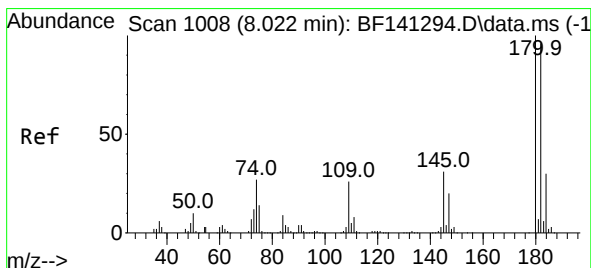
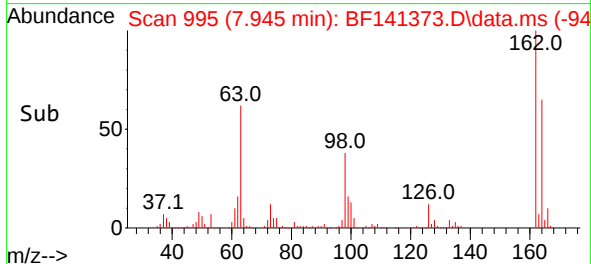
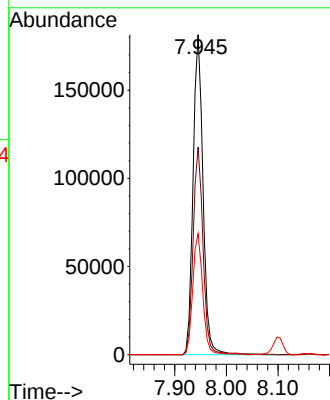
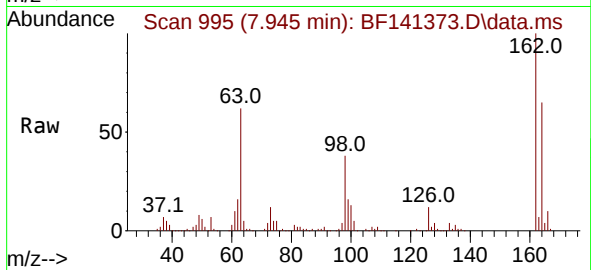
SSTDCCC040

Tgt Ion:162 Resp: 242512
 Ion Ratio Lower Upper
 162 100
 164 64.8 44.2 84.2
 98 37.9 18.2 58.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/06/2025



#30

1,2,4-Trichlorobenzene

Concen: 39.757 ng

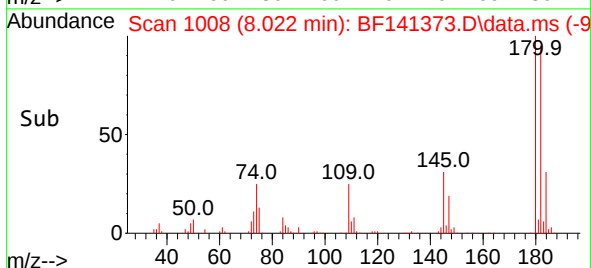
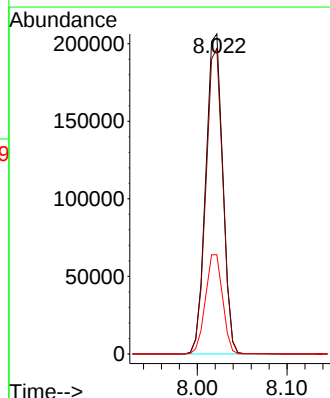
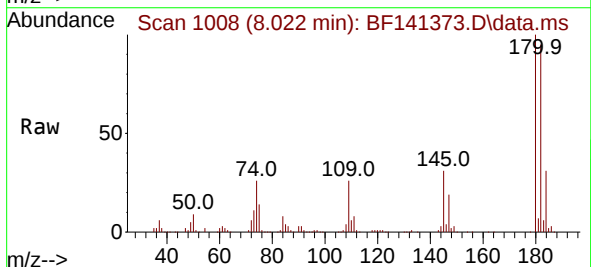
RT: 8.022 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF141373.D

Acq: 03 Feb 2025 17:14

Tgt Ion:180 Resp: 271821
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.4 114.6
 145 31.0 24.9 37.3





#31
Naphthalene
Concen: 39.616 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

Instrument :

BNA_F

ClientSampleId :

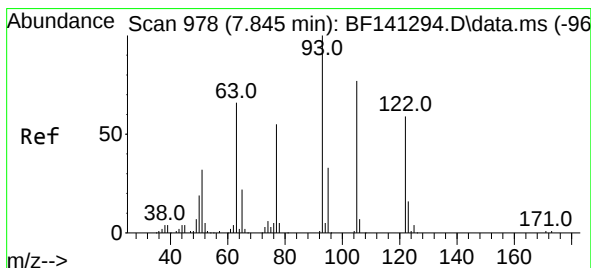
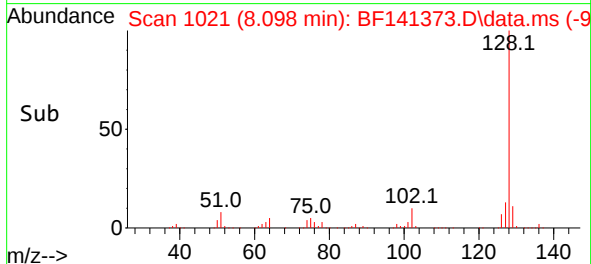
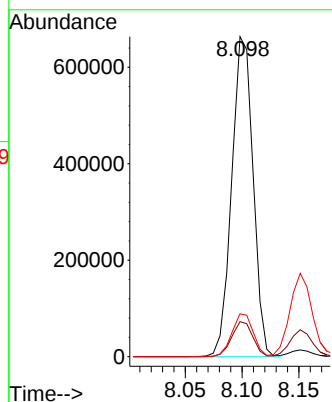
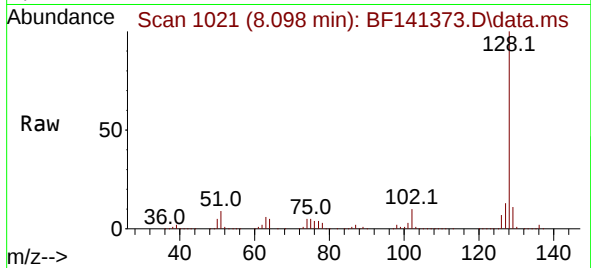
SSTDCCC040

Tgt Ion:128 Resp: 867292
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.4 10.6 15.8

Manual Integrations

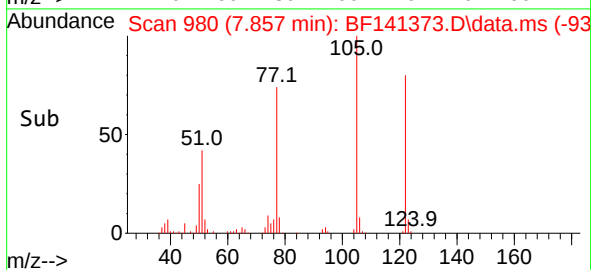
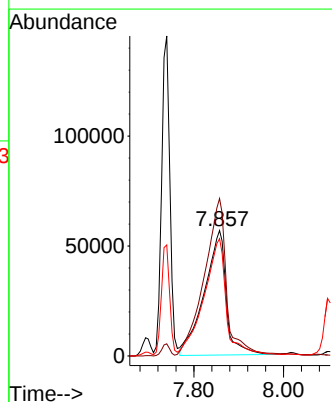
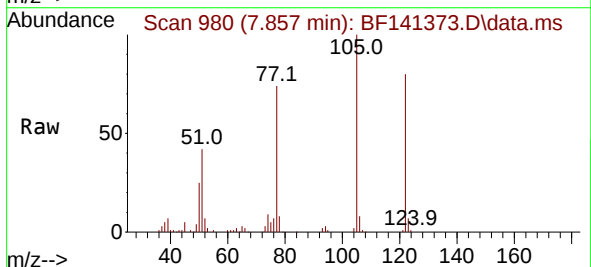
APPROVED

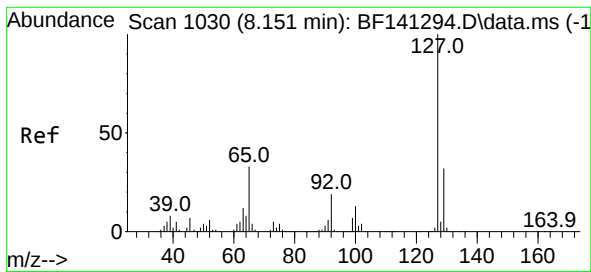
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#32
Benzoic acid
Concen: 42.934 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.024 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

Tgt Ion:122 Resp: 193009
Ion Ratio Lower Upper
122 100
105 125.4 103.4 143.4
77 93.4 70.9 110.9





#33
4-Chloroaniline
Concen: 32.676 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

Instrument :

BNA_F

ClientSampleId :

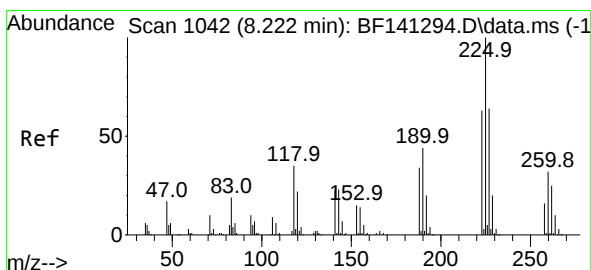
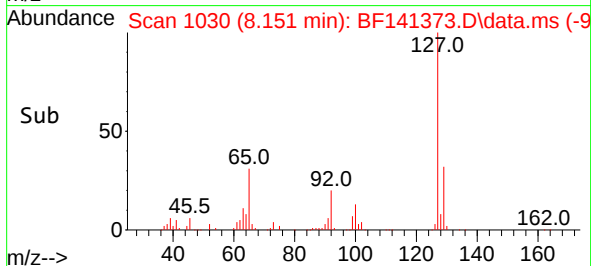
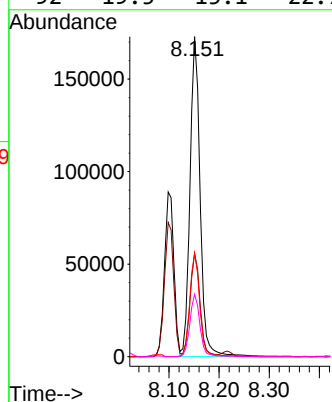
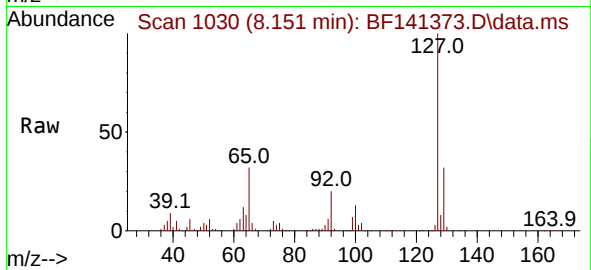
SSTDCCC040

Tgt Ion:127 Resp: 242580
Ion Ratio Lower Upper
127 100
129 32.3 25.7 38.5
65 32.4 26.4 39.6
92 19.5 15.1 22.7

Manual Integrations

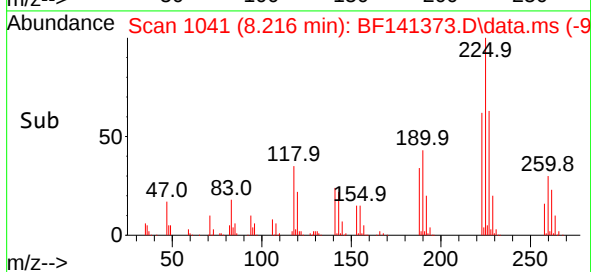
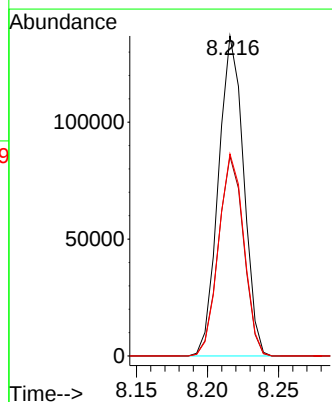
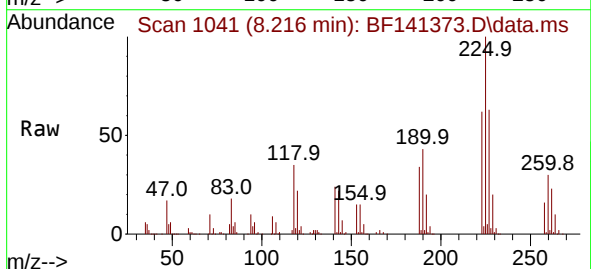
APPROVED

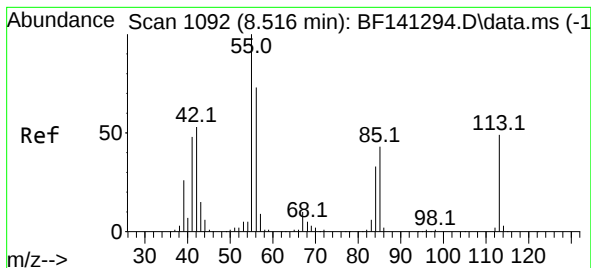
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#34
Hexachlorobutadiene
Concen: 42.128 ng
RT: 8.216 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

Tgt Ion:225 Resp: 168912
Ion Ratio Lower Upper
225 100
223 62.4 50.4 75.6
227 63.2 51.3 76.9





#35

Caprolactam

Concen: 40.764 ng

RT: 8.516 min Scan# 1092

Delta R.T. -0.030 min

Lab File: BF141373.D

Acq: 03 Feb 2025 17:14

Instrument :

BNA_F

ClientSampleId :

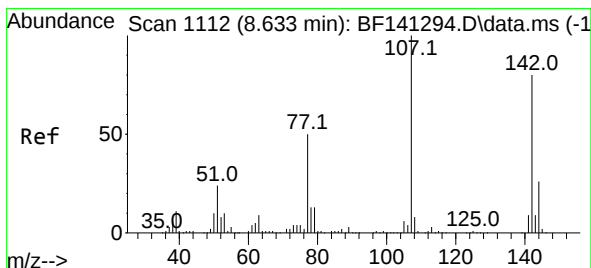
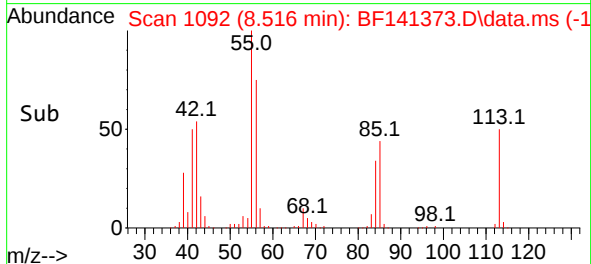
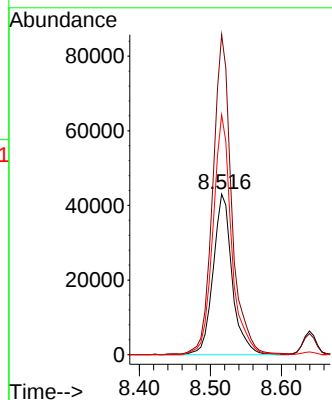
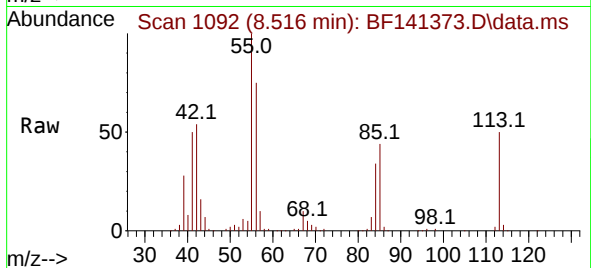
SSTDCCC040

Tgt Ion:113 Resp: 79702
 Ion Ratio Lower Upper
 113 100
 55 199.2 182.9 222.9
 56 149.3 127.9 167.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/06/2025



#36

4-Chloro-3-methylphenol

Concen: 41.066 ng

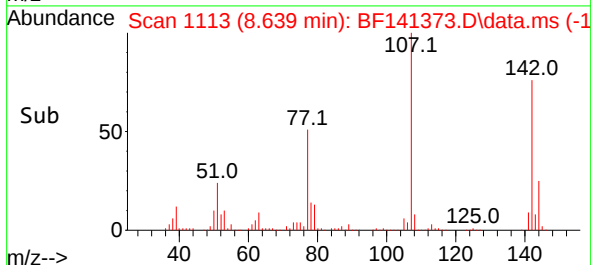
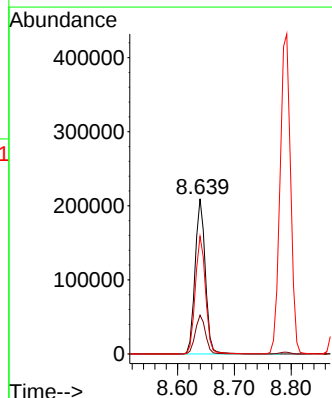
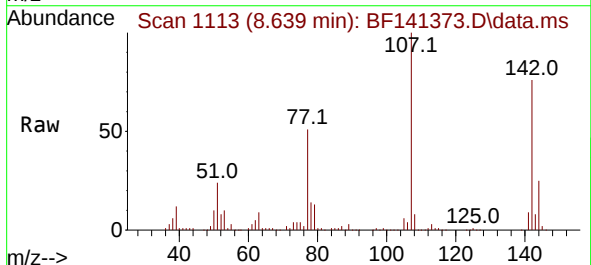
RT: 8.639 min Scan# 1113

Delta R.T. -0.000 min

Lab File: BF141373.D

Acq: 03 Feb 2025 17:14

Tgt Ion:107 Resp: 263711
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.7 31.1
 142 75.7 63.8 95.8





#37
2-Methylnaphthalene
Concen: 40.024 ng
RT: 8.792 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

Instrument :

BNA_F

ClientSampleId :

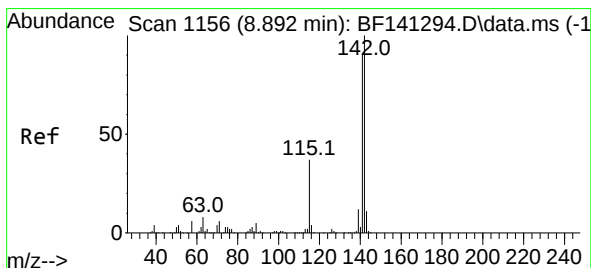
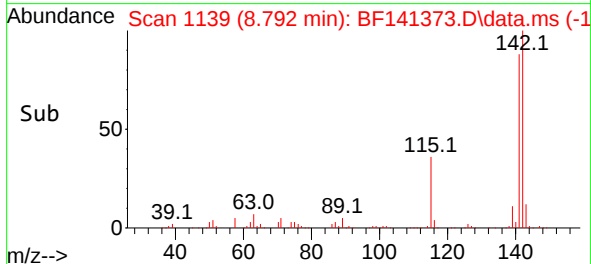
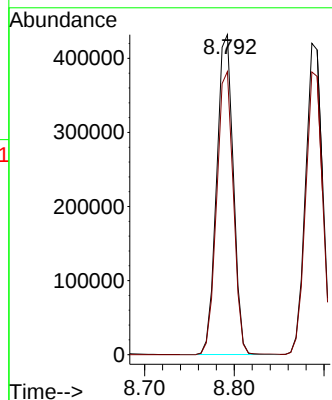
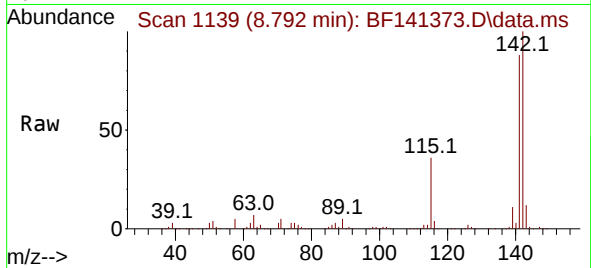
SSTDCCC040

Tgt Ion:142 Resp: 556900
Ion Ratio Lower Upper
142 100
141 88.5 71.3 106.9

Manual Integrations

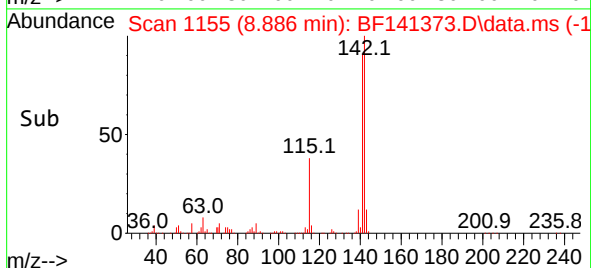
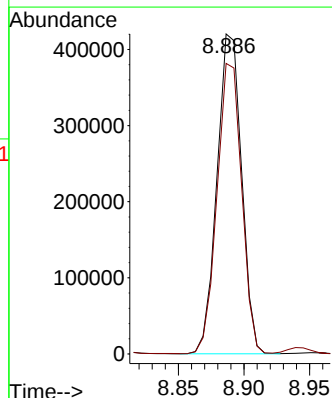
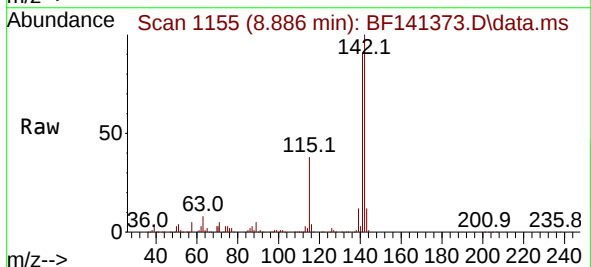
APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#38
1-Methylnaphthalene
Concen: 40.034 ng
RT: 8.886 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

Tgt Ion:142 Resp: 547195
Ion Ratio Lower Upper
142 100
141 90.8 73.2 109.8





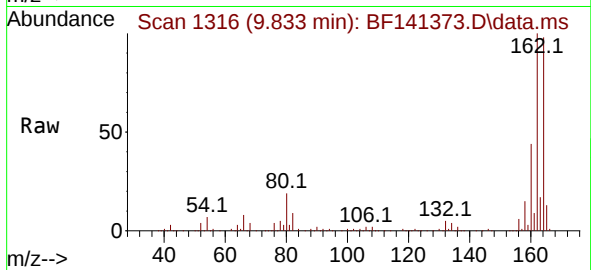
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

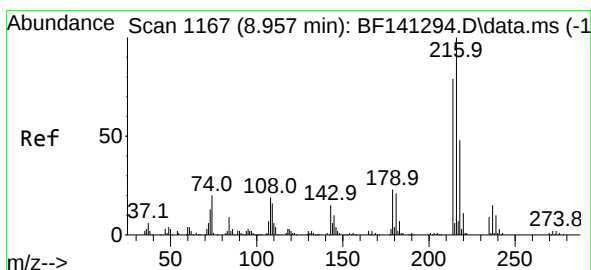
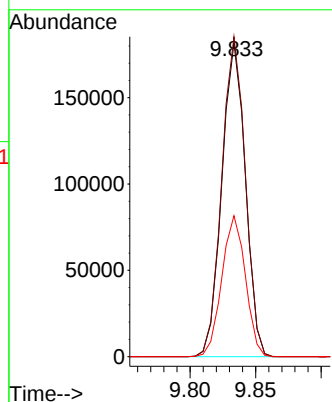
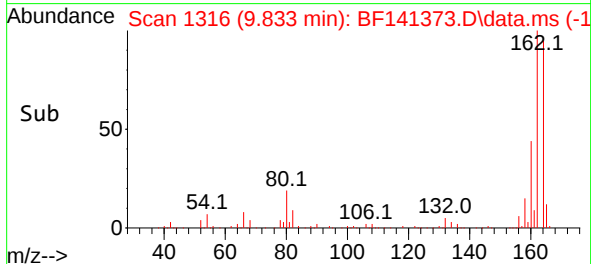


Tgt Ion:164 Resp: 226320
Ion Ratio Lower Upper
164 100
162 102.0 80.6 121.0
160 44.9 35.8 53.6

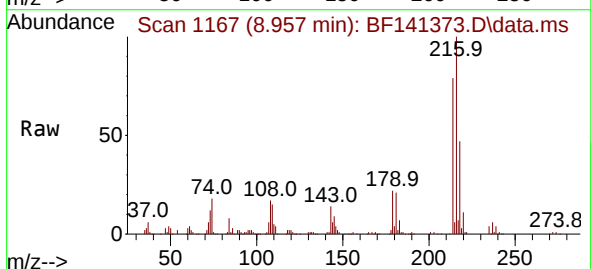
Manual Integrations

APPROVED

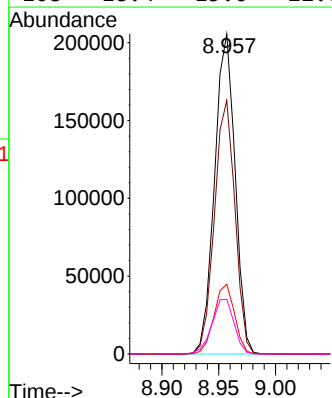
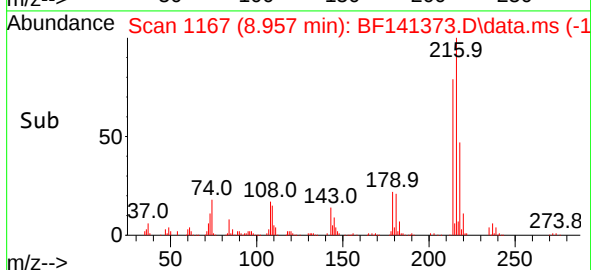
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.167 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14



Tgt Ion:216 Resp: 258626
Ion Ratio Lower Upper
216 100
214 79.1 63.2 94.8
179 21.8 17.8 26.8
108 18.4 15.0 22.6





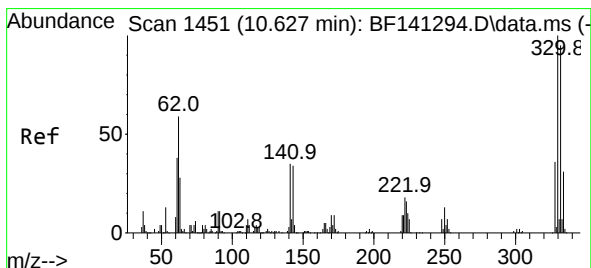
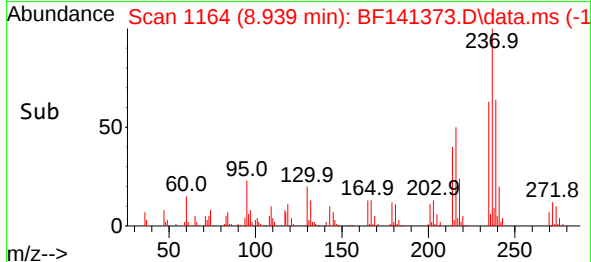
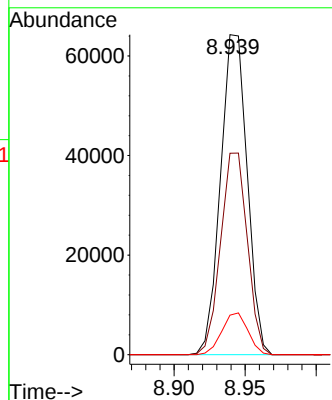
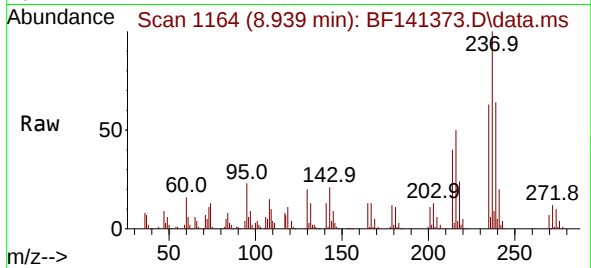
#41
Hexachlorocyclopentadiene
Concen: 44.173 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 83990
Ion Ratio Lower Upper
237 100
235 63.0 42.9 82.9
272 12.4 0.0 32.8

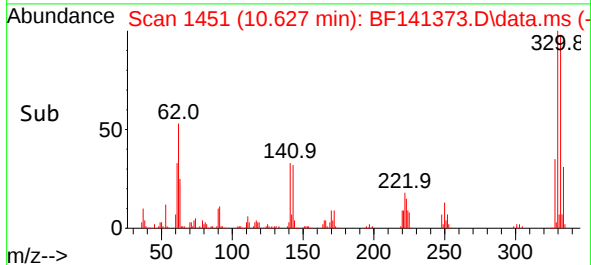
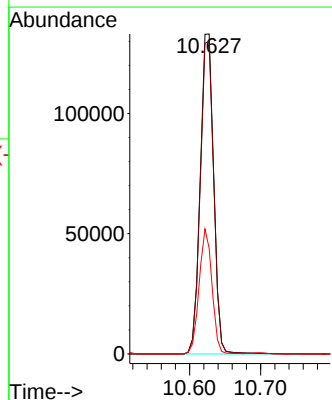
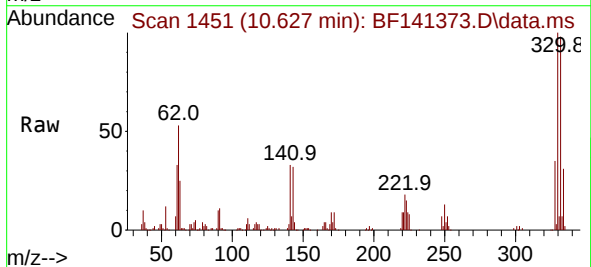
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#42
2,4,6-Tribromophenol
Concen: 84.706 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

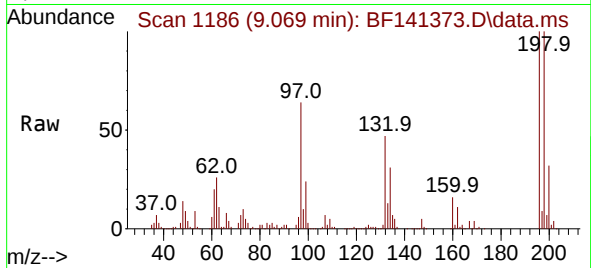
Tgt Ion:330 Resp: 175756
Ion Ratio Lower Upper
330 100
332 97.6 76.1 114.1
141 37.2 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 40.768 ng
RT: 9.069 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

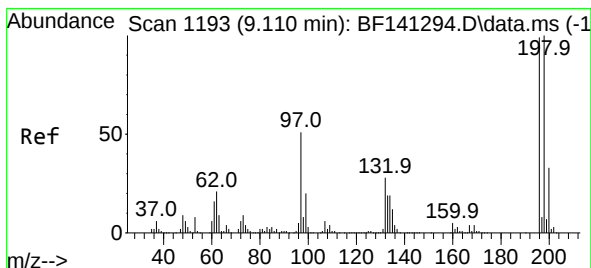
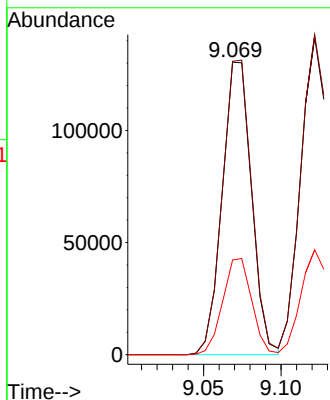
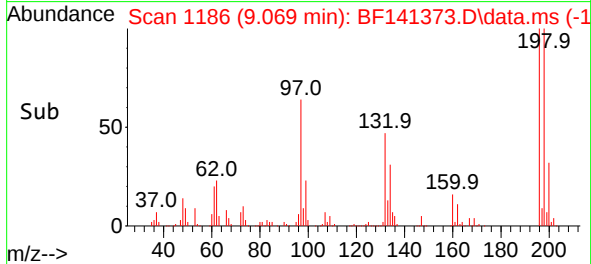
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



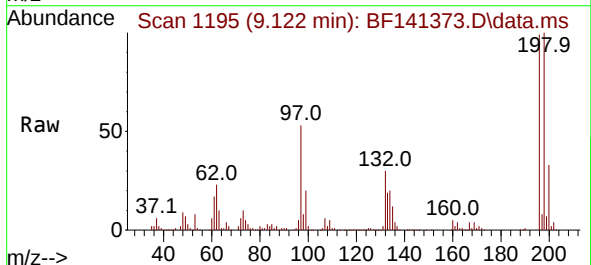
Tgt Ion:196 Resp: 171810
Ion Ratio Lower Upper
196 100
198 100.3 81.8 122.6
200 32.4 26.3 39.5

Manual Integrations
APPROVED

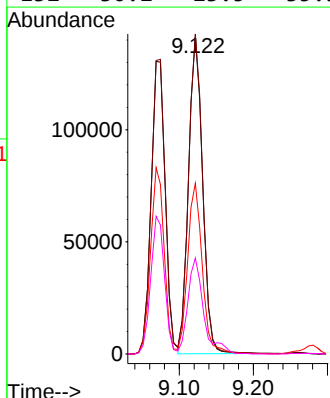
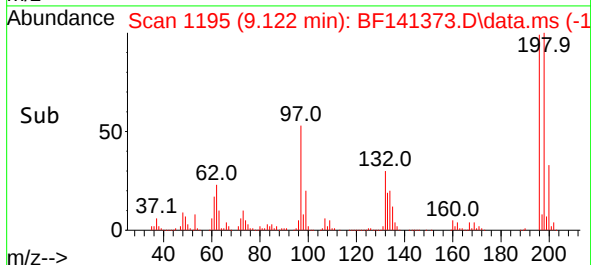
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

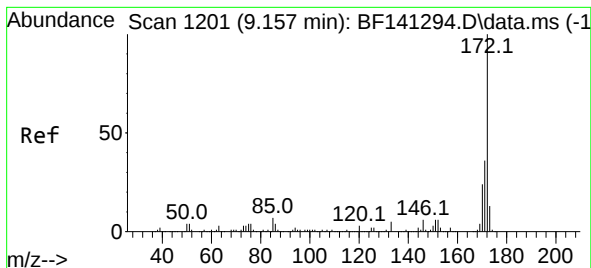


#44
2,4,5-Trichlorophenol
Concen: 40.747 ng
RT: 9.122 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14



Tgt Ion:196 Resp: 186902
Ion Ratio Lower Upper
196 100
198 100.8 80.5 120.7
97 53.8 42.8 64.2
132 30.2 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 79.517 ng

RT: 9.157 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF141373.D

Acq: 03 Feb 2025 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 116923

Ion Ratio Lower Upper

172 100

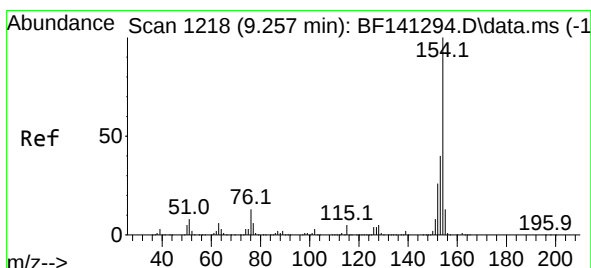
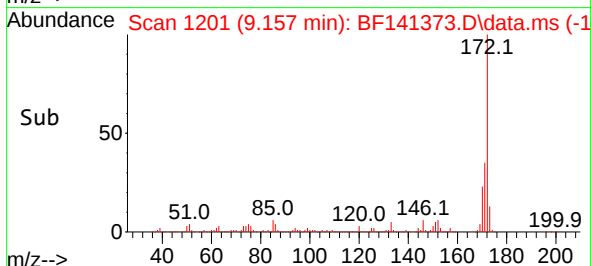
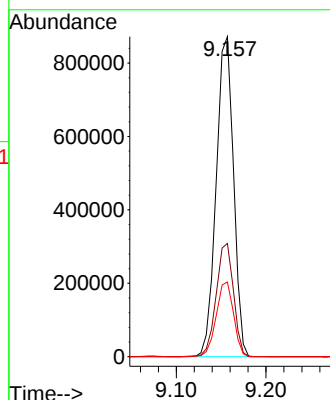
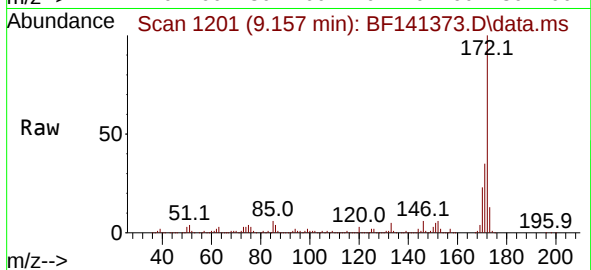
171 35.4 28.8 43.2

170 23.3 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#46

1,1'-Biphenyl

Concen: 39.393 ng

RT: 9.257 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF141373.D

Acq: 03 Feb 2025 17:14

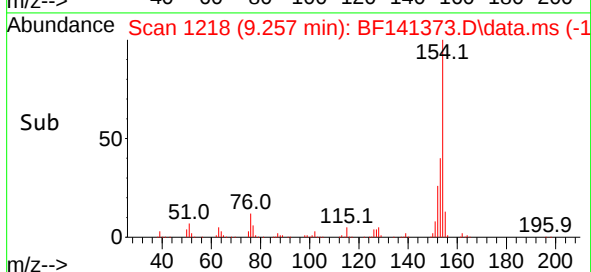
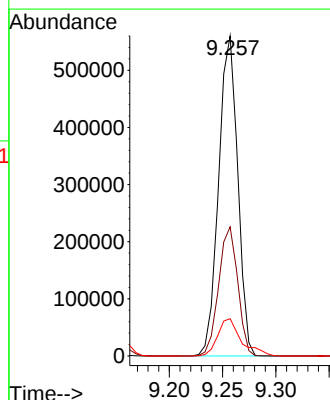
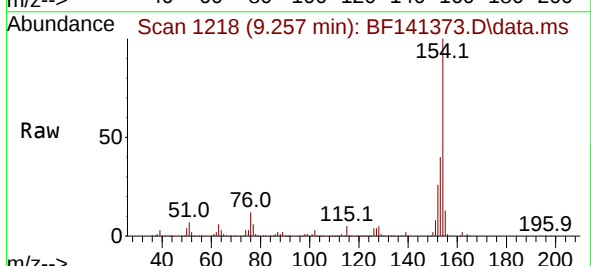
Tgt Ion:154 Resp: 695314

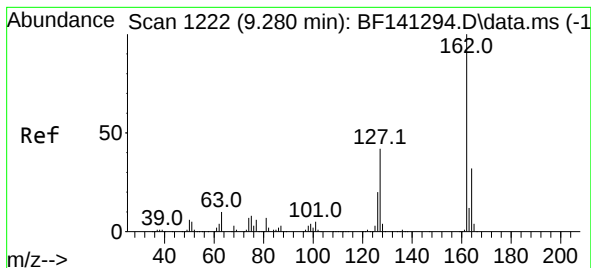
Ion Ratio Lower Upper

154 100

153 40.4 20.0 60.0

76 11.7 0.0 32.8





#47

2-Chloronaphthalene

Concen: 39.346 ng

RT: 9.280 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BF141373.D

Acq: 03 Feb 2025 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 541319

Ion Ratio Lower Upper

162 100

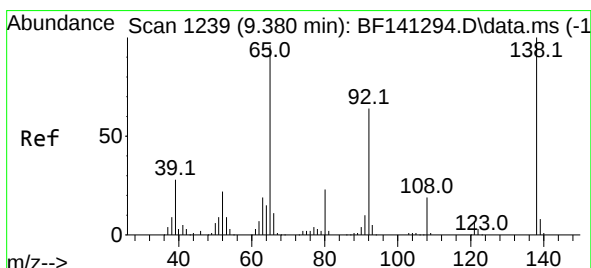
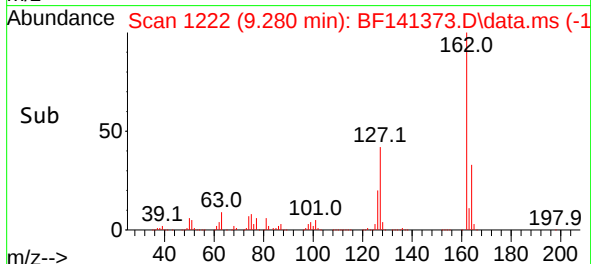
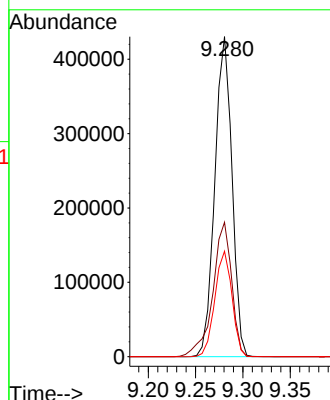
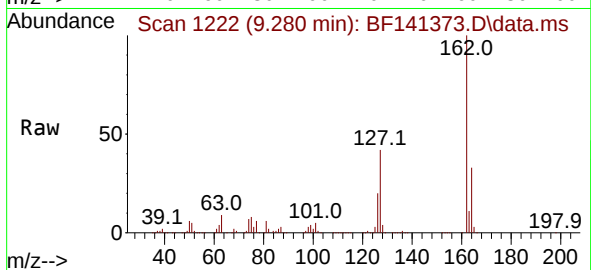
127 42.0 33.7 50.5

164 32.9 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#48

2-Nitroaniline

Concen: 40.613 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141373.D

Acq: 03 Feb 2025 17:14

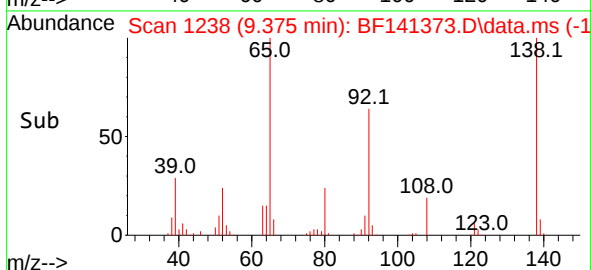
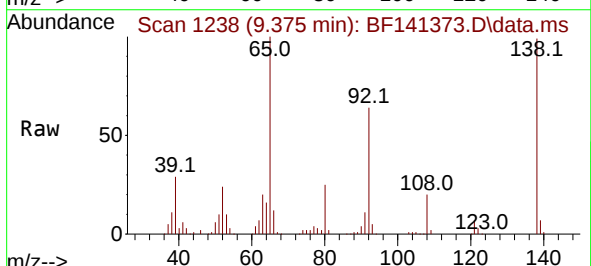
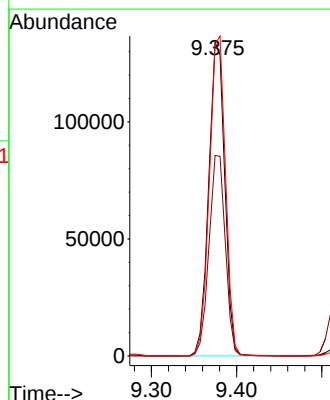
Tgt Ion: 65 Resp: 175746

Ion Ratio Lower Upper

65 100

92 63.9 53.3 79.9

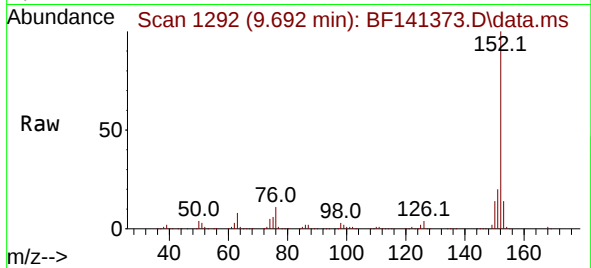
138 99.3 83.6 125.4





#49
Acenaphthylene
Concen: 39.561 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

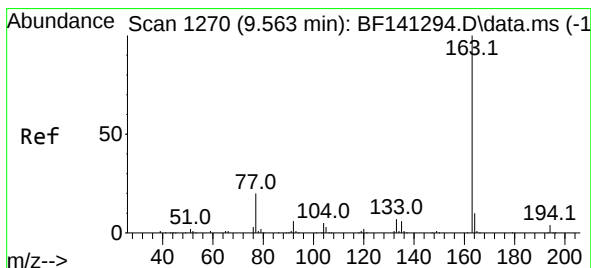
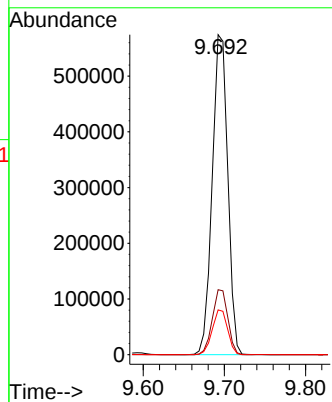
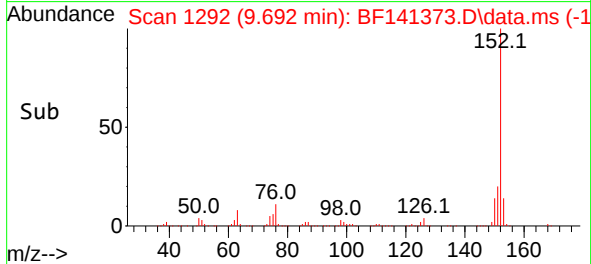
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



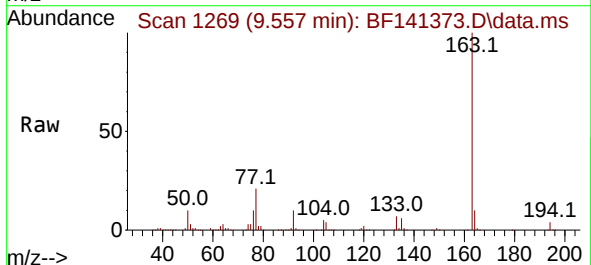
Tgt Ion:152 Resp: 761884
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 14.0 11.0 16.6

Manual Integrations
APPROVED

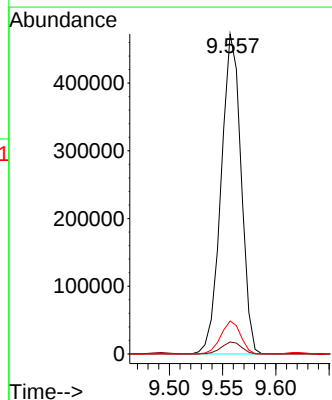
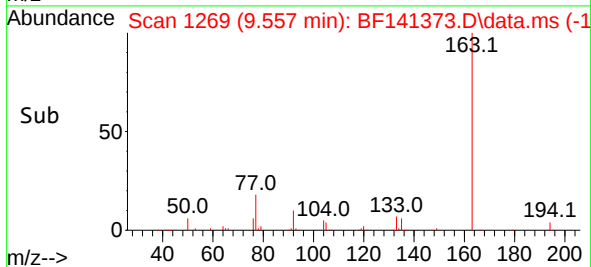
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

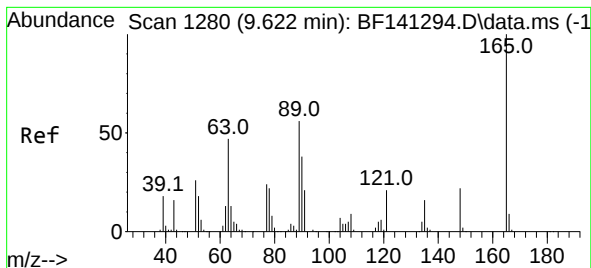


#50
Dimethylphthalate
Concen: 40.182 ng
RT: 9.557 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14



Tgt Ion:163 Resp: 614225
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.3 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 40.128 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

Instrument :

BNA_F

ClientSampleId :

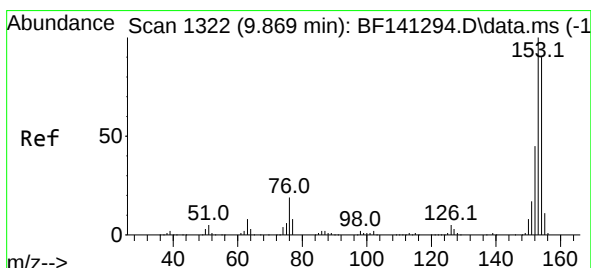
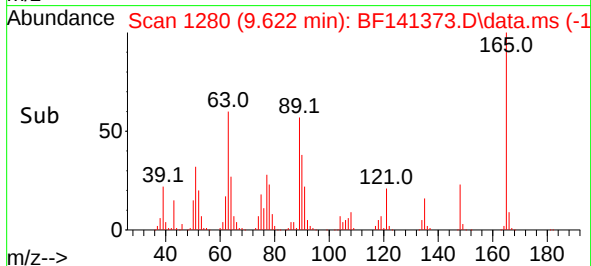
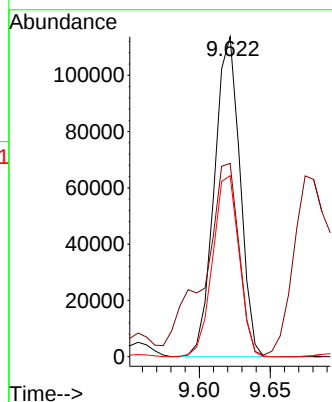
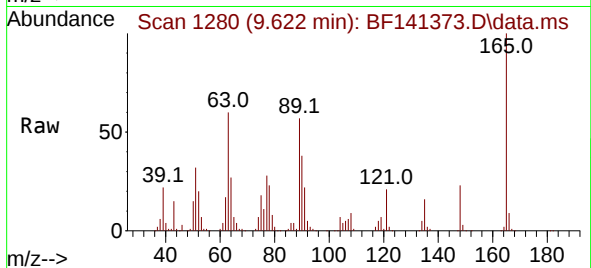
SSTDCCC040

Tgt Ion:165 Resp: 14242
Ion Ratio Lower Upper
165 100
63 60.4 48.1 72.1
89 56.5 44.9 67.3

Manual Integrations

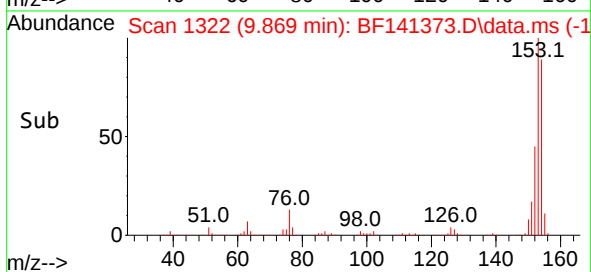
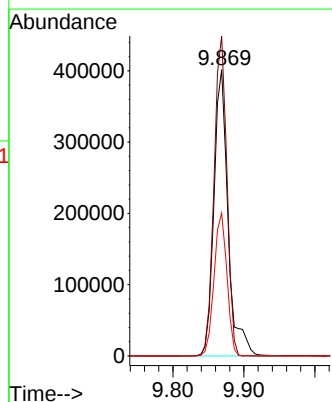
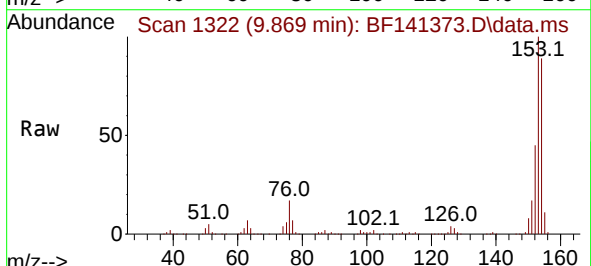
APPROVED

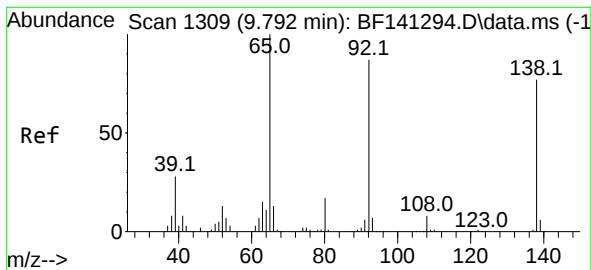
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#52
Acenaphthene
Concen: 40.321 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

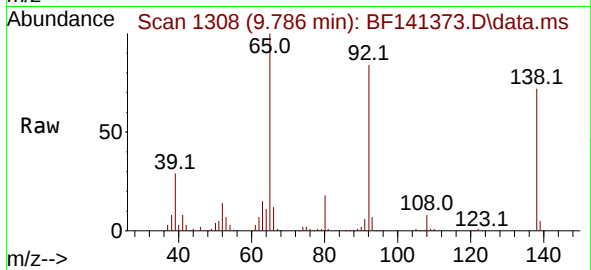
Tgt Ion:154 Resp: 554750
Ion Ratio Lower Upper
154 100
153 111.8 89.0 133.4
152 49.9 40.2 60.4





#53
3-Nitroaniline
Concen: 40.403 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

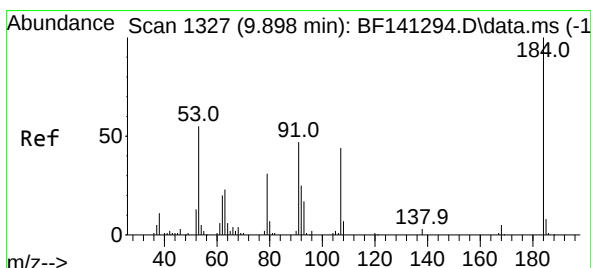
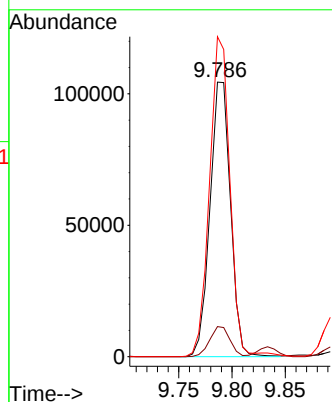
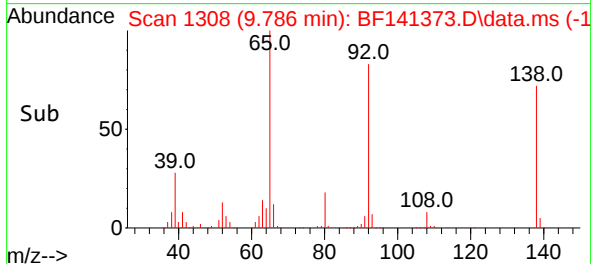
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:138 Resp: 140549
Ion Ratio Lower Upper
138 100
108 10.9 8.6 12.8
92 116.5 91.0 136.6

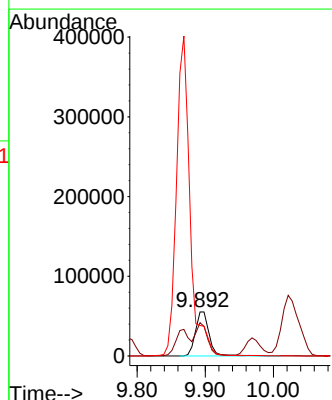
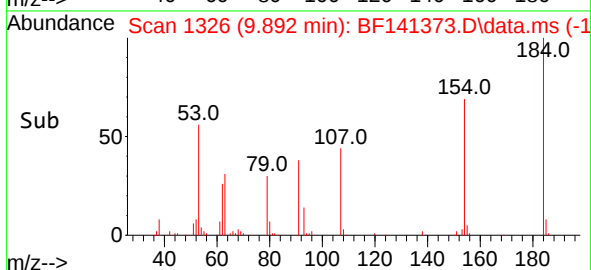
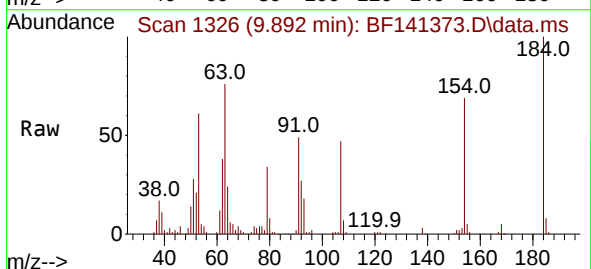
Manual Integrations
APPROVED

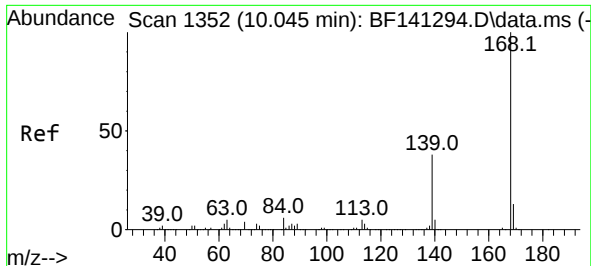
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#54
2,4-Dinitrophenol
Concen: 46.667 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

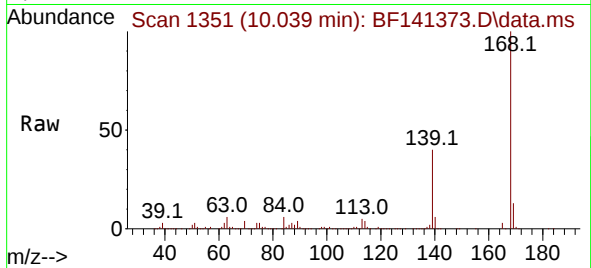
Tgt Ion:184 Resp: 76994
Ion Ratio Lower Upper
184 100
63 75.5 54.1 81.1
154 69.4 50.7 76.1





#55
Dibenzenofuran
Concen: 39.528 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

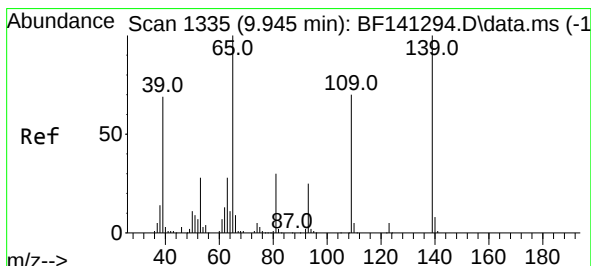
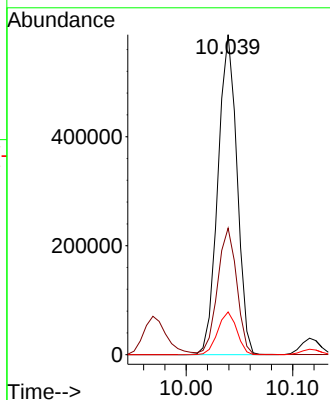
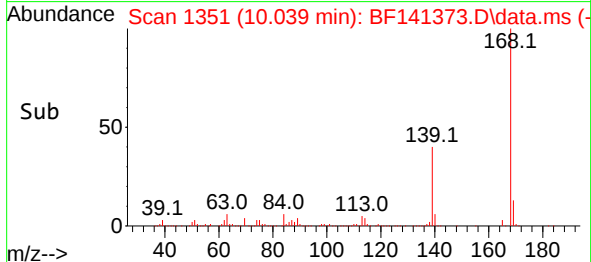
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 727950
Ion Ratio Lower Upper
168 100
139 39.6 30.6 46.0
169 13.3 10.8 16.2

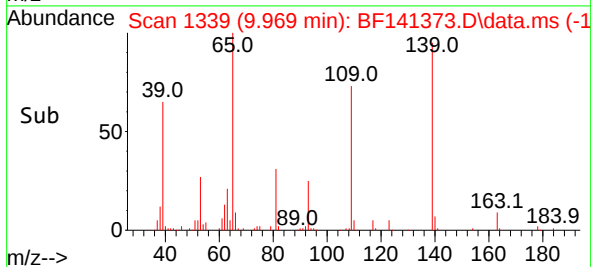
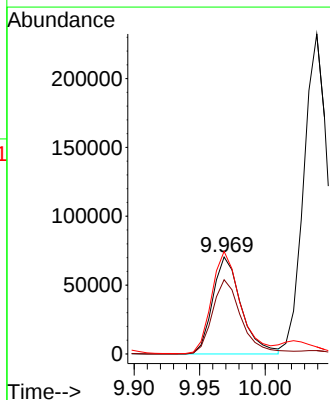
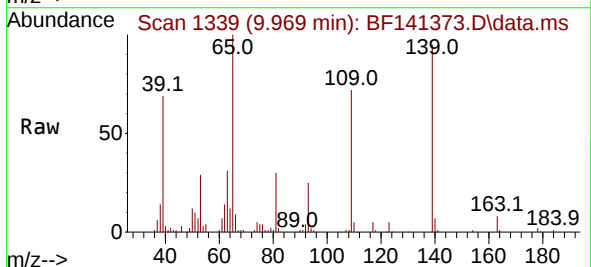
Manual Integrations
APPROVED

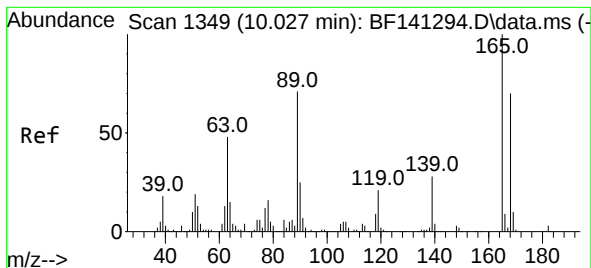
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#56
4-Nitrophenol
Concen: 41.887 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

Tgt Ion:139 Resp: 106562
Ion Ratio Lower Upper
139 100
109 76.5 50.2 90.2
65 105.7 80.6 120.6





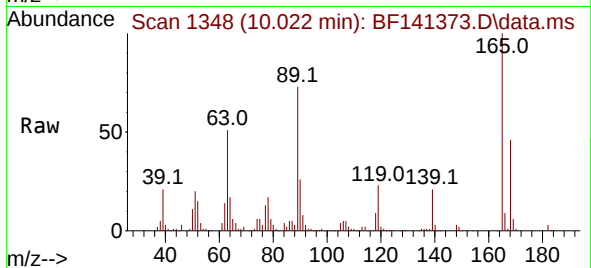
#57
2,4-Dinitrotoluene
Concen: 41.657 ng
RT: 10.022 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

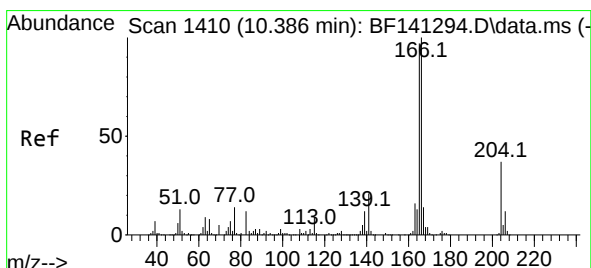
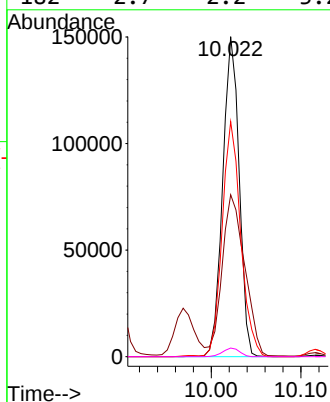
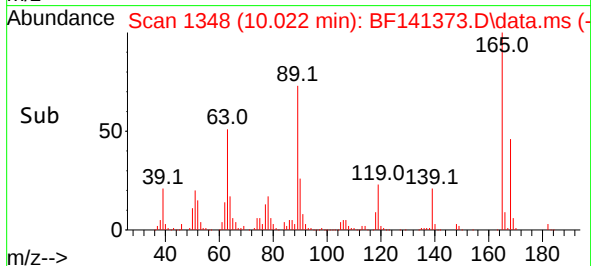


Tgt Ion:165 Resp: 19142
Ion Ratio Lower Upper
165 100
63 50.6 39.2 58.8
89 73.5 56.9 85.3
182 2.7 2.2 3.2

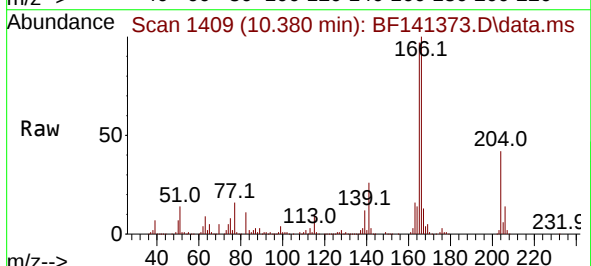
Manual Integrations

APPROVED

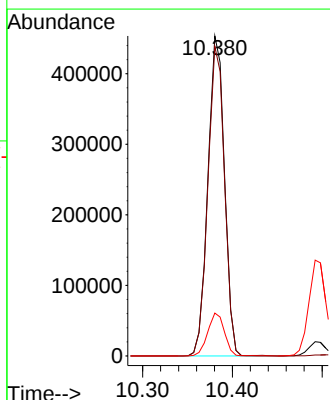
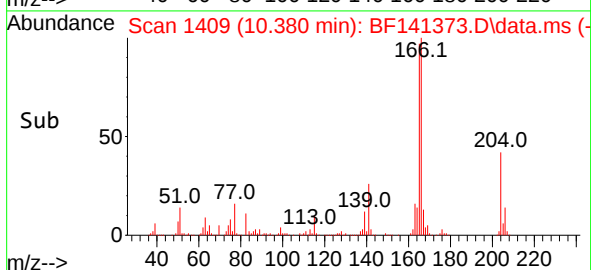
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#58
Fluorene
Concen: 40.737 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14



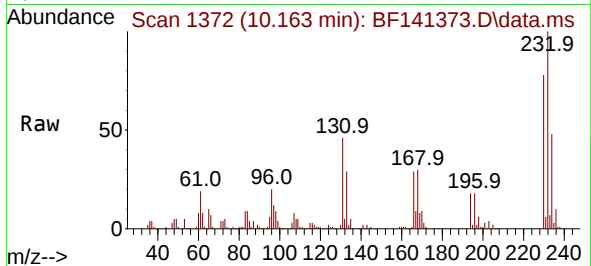
Tgt Ion:166 Resp: 581931
Ion Ratio Lower Upper
166 100
165 96.7 77.5 116.3
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.131 ng
RT: 10.163 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

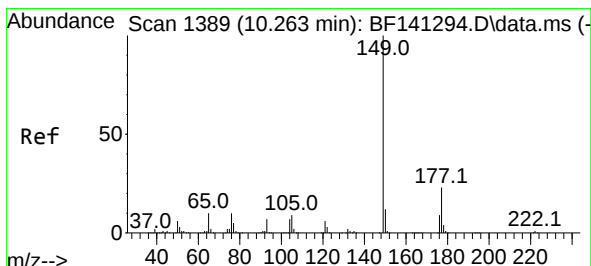
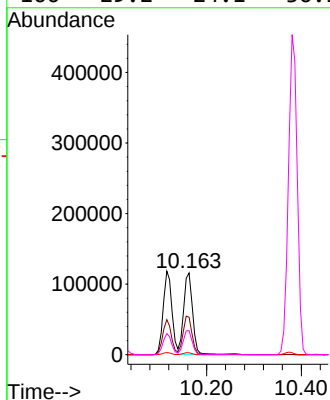
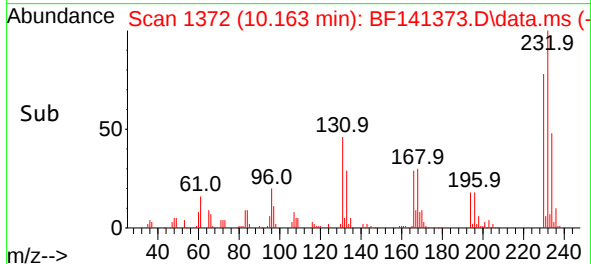
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 152031
Ion Ratio Lower Upper
232 100
131 47.1 36.4 54.6
130 2.3 1.9 2.9
166 29.2 24.1 36.1

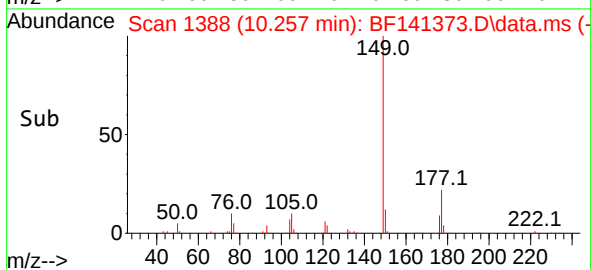
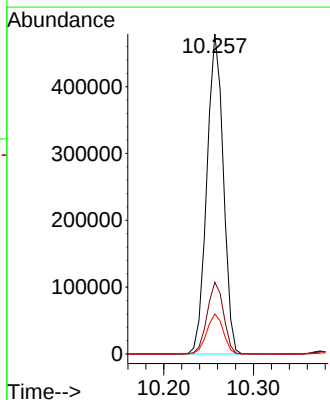
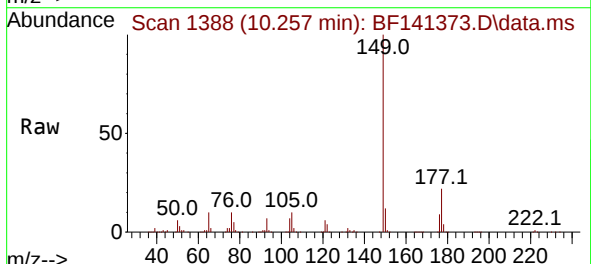
Manual Integrations
APPROVED

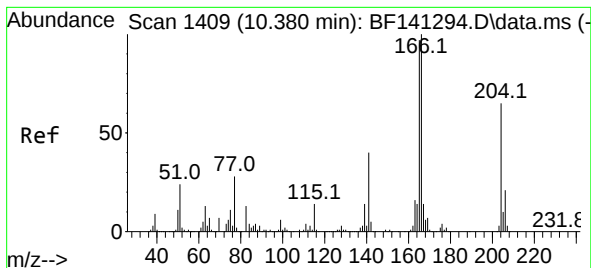
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#60
Diethylphthalate
Concen: 41.105 ng
RT: 10.257 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

Tgt Ion:149 Resp: 609242
Ion Ratio Lower Upper
149 100
177 22.4 18.5 27.7
150 12.5 10.0 15.0





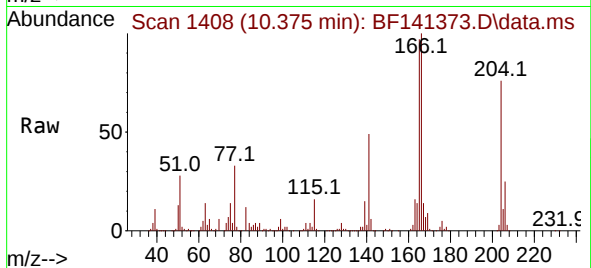
#61
4-Chlorophenyl-phenylether
Concen: 40.268 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

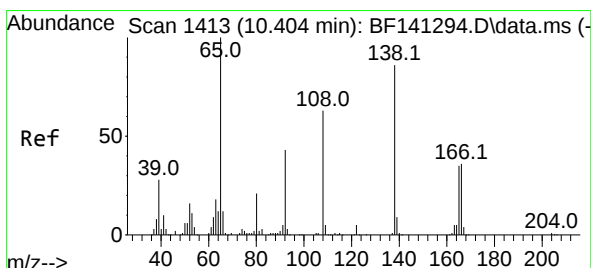
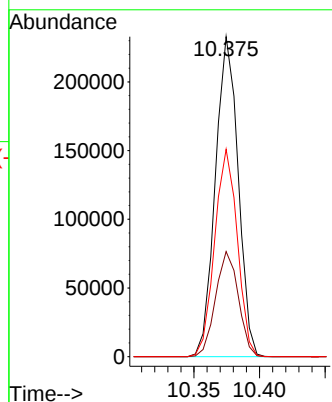
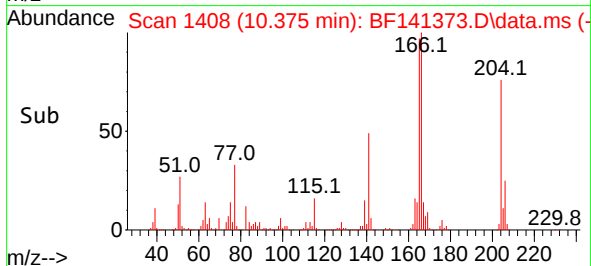


Tgt Ion:204 Resp: 28098
Ion Ratio Lower Upper
204 100
206 32.8 25.9 38.9
141 64.8 49.5 74.3

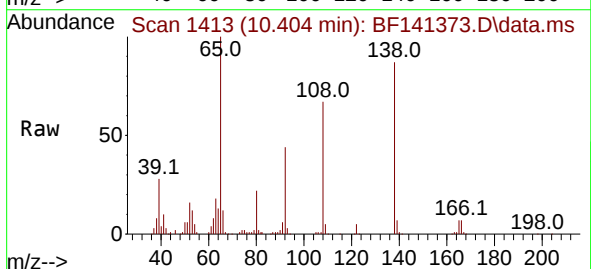
Manual Integrations

APPROVED

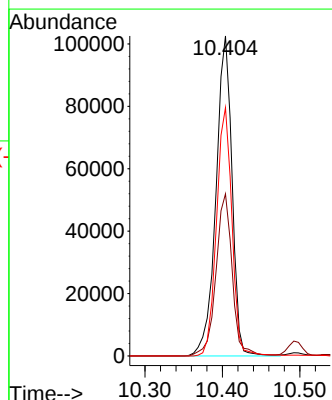
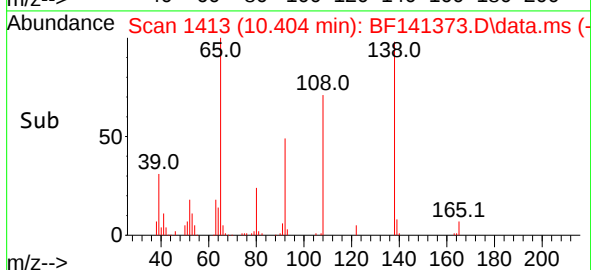
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

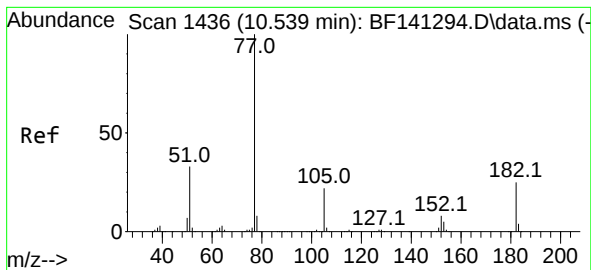


#62
4-Nitroaniline
Concen: 43.258 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14



Tgt Ion:138 Resp: 147941
Ion Ratio Lower Upper
138 100
92 50.7 30.1 70.1
108 77.6 53.1 93.1





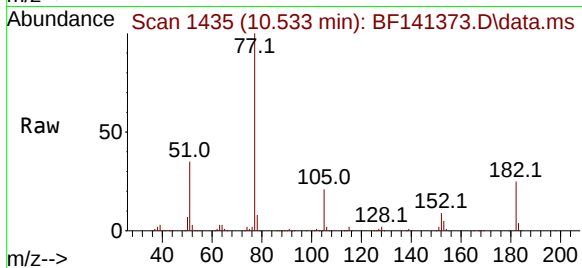
#63
Azobenzene
Concen: 39.486 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

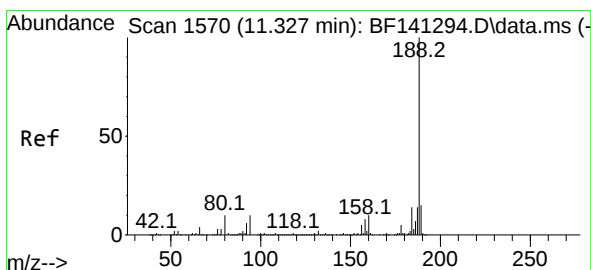
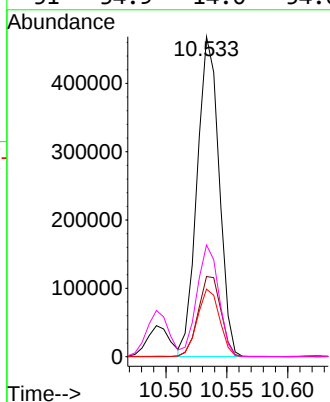
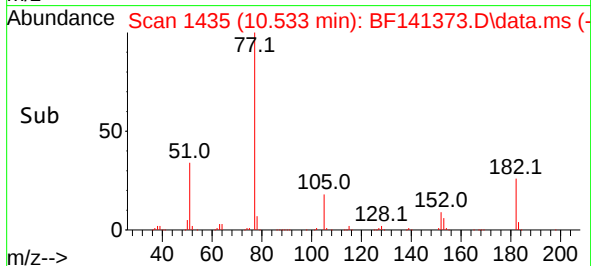


Tgt Ion: 77 Resp: 585808
Ion Ratio Lower Upper
77 100
182 25.1 5.1 45.1
105 21.1 1.8 41.8
51 34.9 14.0 54.0

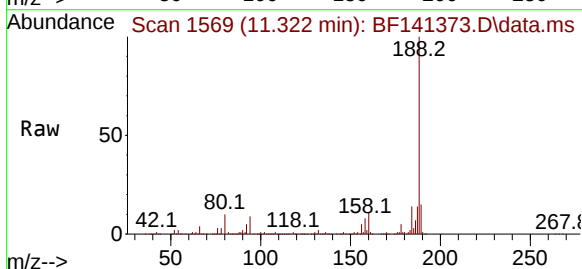
Manual Integrations

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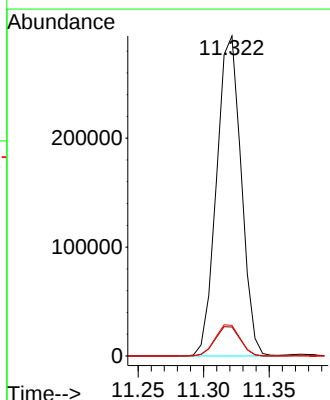
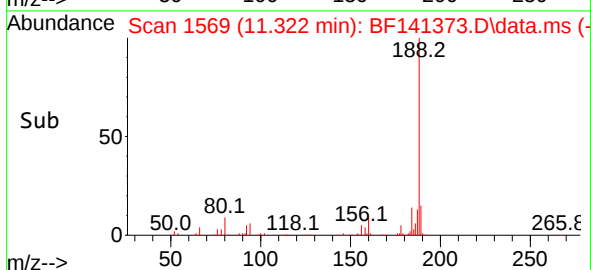
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

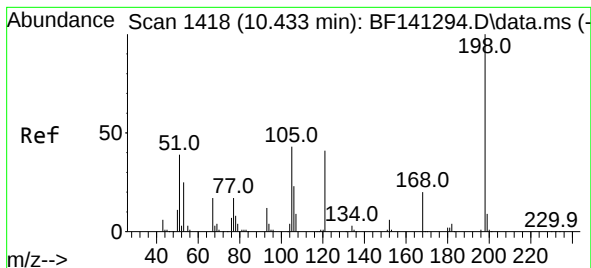


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14



Tgt Ion:188 Resp: 383558
Ion Ratio Lower Upper
188 100
94 9.0 7.8 11.6
80 9.5 8.2 12.4





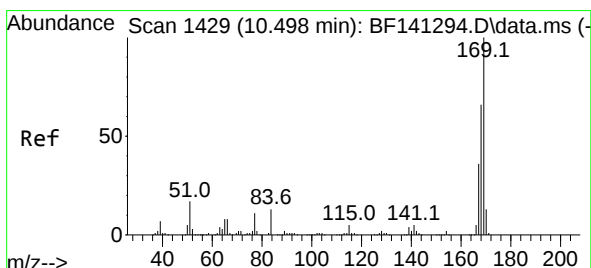
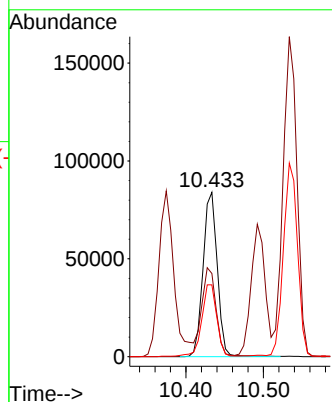
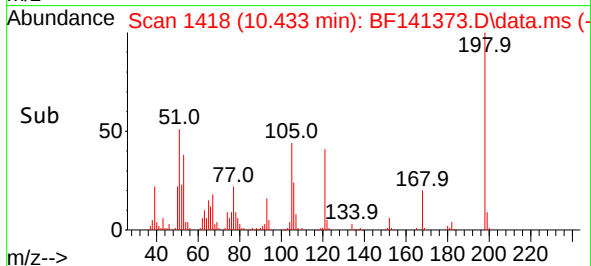
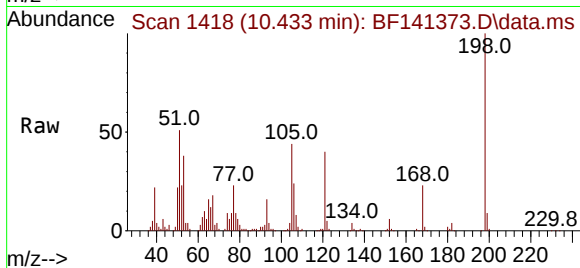
#65
4,6-Dinitro-2-methylphenol
Concen: 47.204 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 107091
Ion Ratio Lower Upper
198 100
51 50.6 33.4 73.4
105 43.7 24.4 64.4

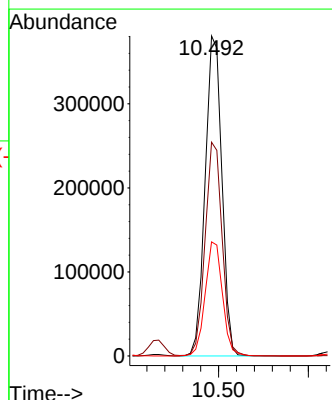
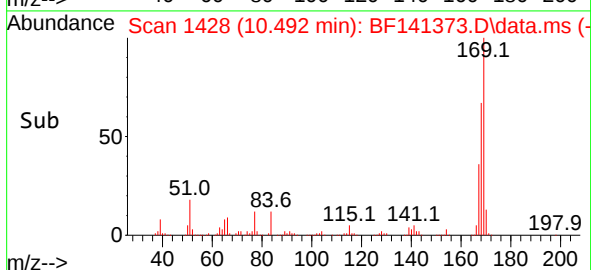
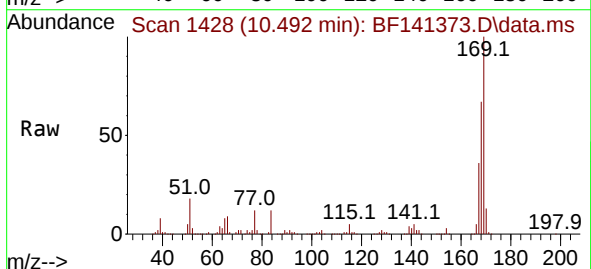
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#66
n-Nitrosodiphenylamine
Concen: 39.703 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

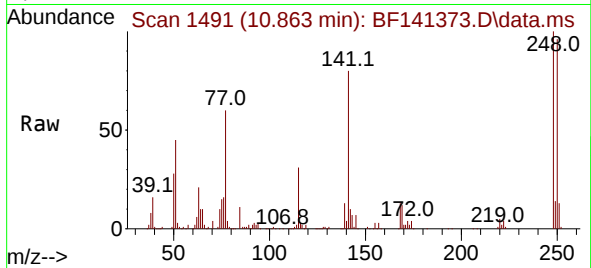
Tgt Ion:169 Resp: 492539
Ion Ratio Lower Upper
169 100
168 66.8 53.0 79.4
167 35.6 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 41.761 ng
RT: 10.863 min Scan# 1491
Delta R.T. -0.012 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

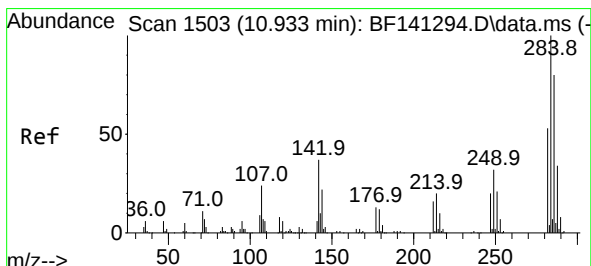
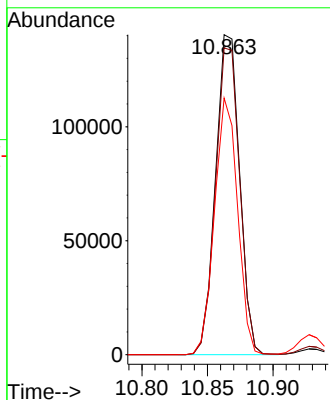
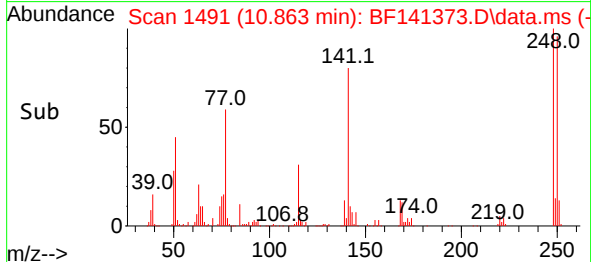
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



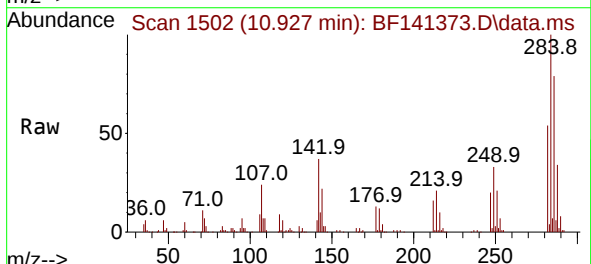
Tgt Ion:248 Resp: 179324
Ion Ratio Lower Upper
248 100
250 95.9 79.0 118.4
141 80.2 63.7 95.5

Manual Integrations
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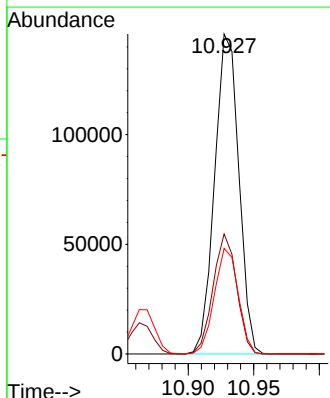
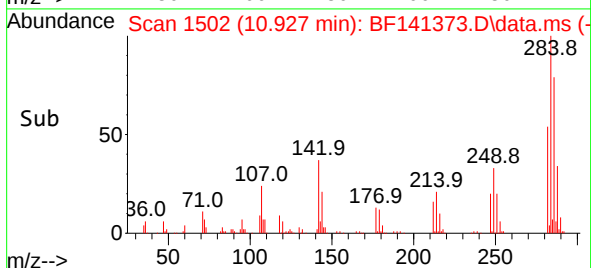
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#68
Hexachlorobenzene
Concen: 41.015 ng
RT: 10.927 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14



Tgt Ion:284 Resp: 186820
Ion Ratio Lower Upper
284 100
142 37.5 29.5 44.3
249 33.0 25.4 38.2





#69

Atrazine

Concen: 40.023 ng

RT: 11.022 min Scan# 1518

Delta R.T. -0.012 min

Lab File: BF141373.D

Acq: 03 Feb 2025 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 166000

Ion Ratio Lower Upper

200 100

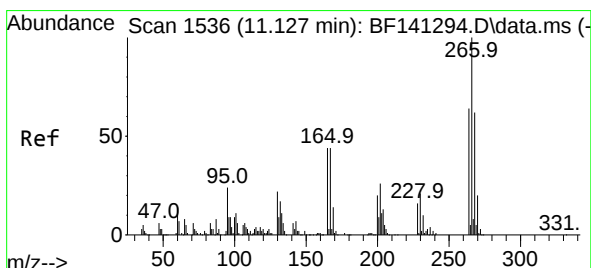
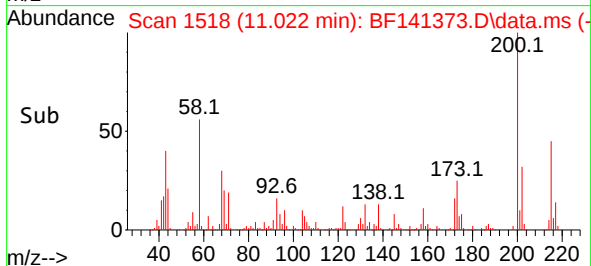
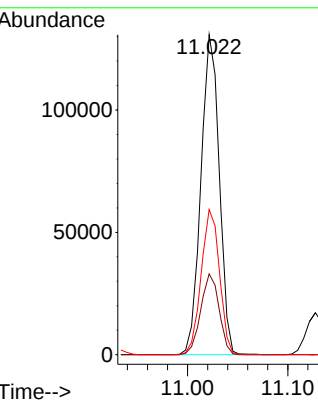
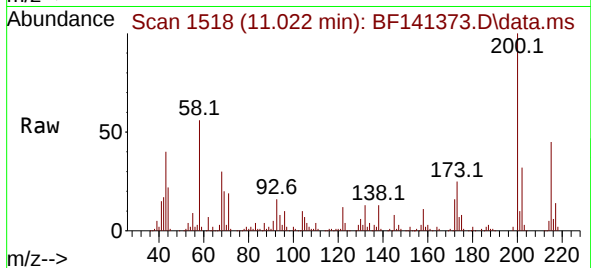
173 25.3 5.9 45.9

215 45.3 25.2 65.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#70

Pentachlorophenol

Concen: 45.068 ng

RT: 11.127 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF141373.D

Acq: 03 Feb 2025 17:14

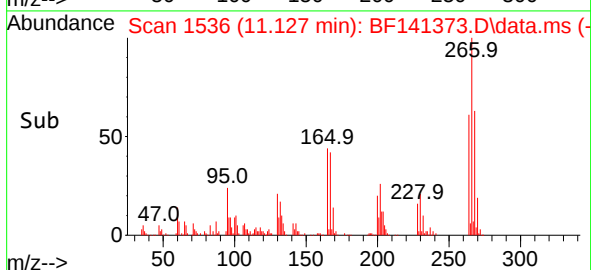
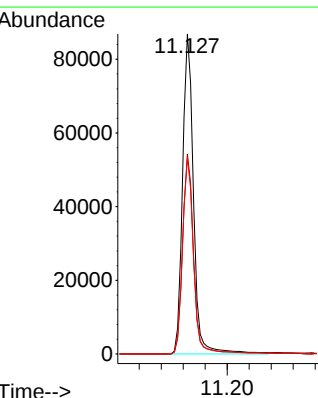
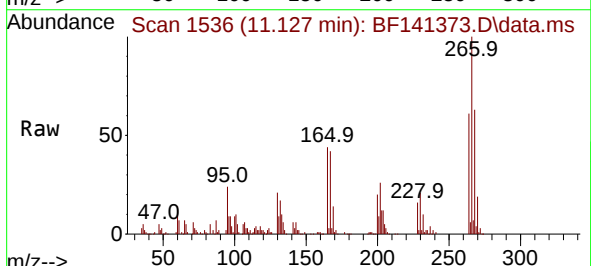
Tgt Ion:266 Resp: 120209

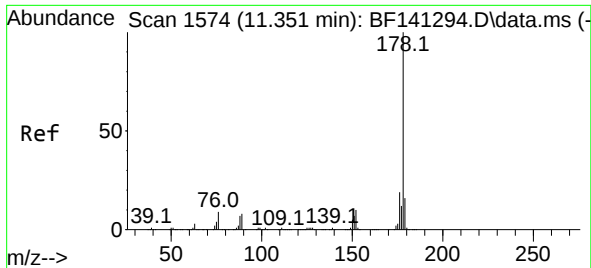
Ion Ratio Lower Upper

266 100

268 62.5 49.9 74.9

264 61.4 51.0 76.4





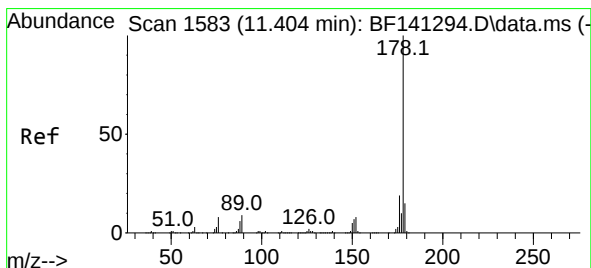
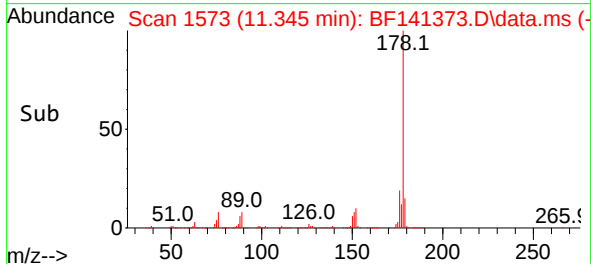
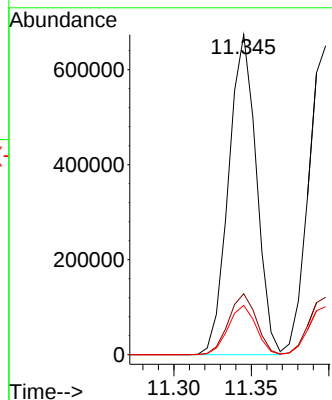
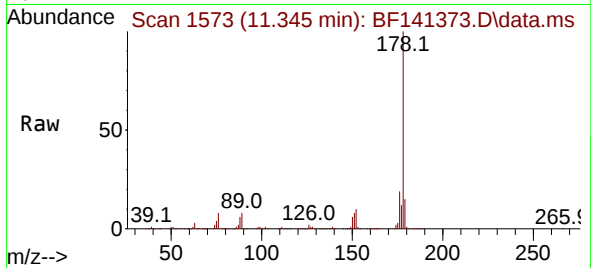
#71
Phenanthrene
Concen: 40.745 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 840073
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.4 12.5 18.7

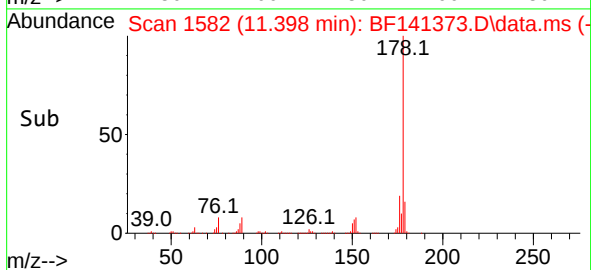
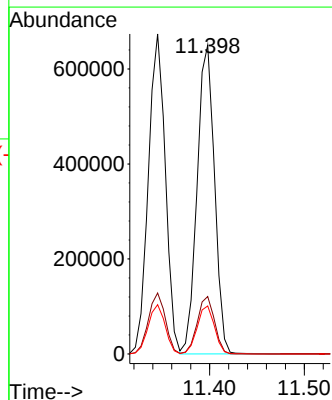
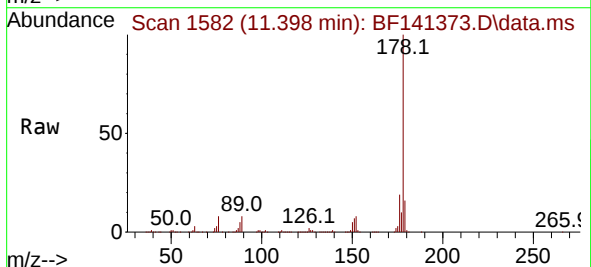
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#72
Anthracene
Concen: 41.070 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

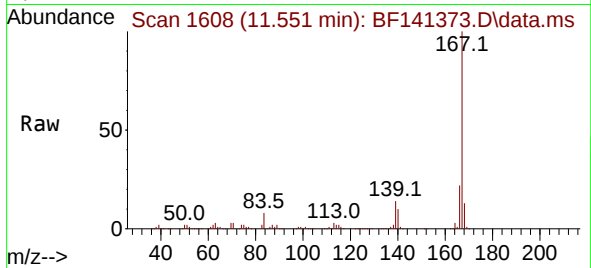
Tgt Ion:178 Resp: 829686
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.5 12.3 18.5





#73
 Carbazole
 Concen: 41.848 ng
 RT: 11.551 min Scan# 1608
 Delta R.T. -0.006 min
 Lab File: BF141373.D
 Acq: 03 Feb 2025 17:14

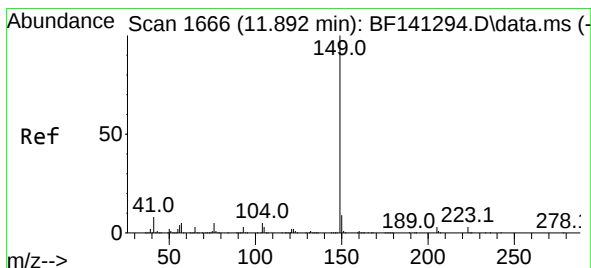
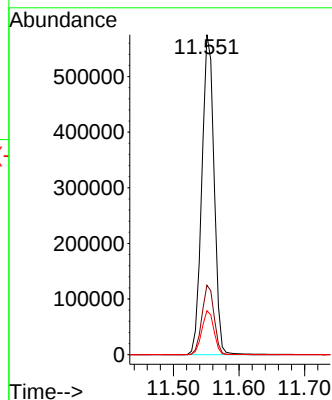
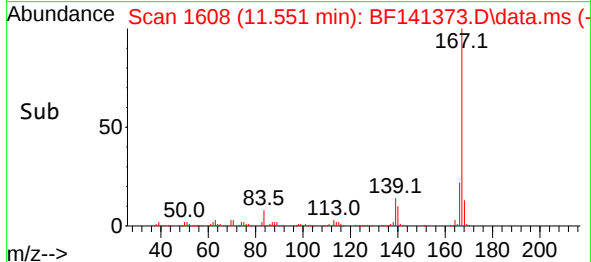
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



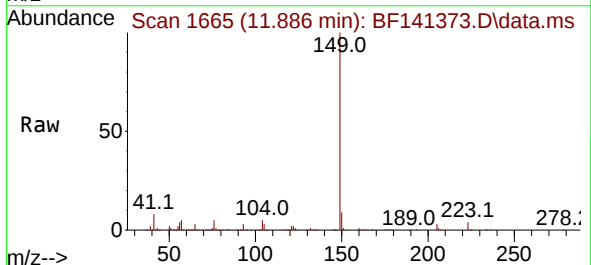
Tgt Ion:167 Resp: 749638
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.8 10.6 16.0

Manual Integrations
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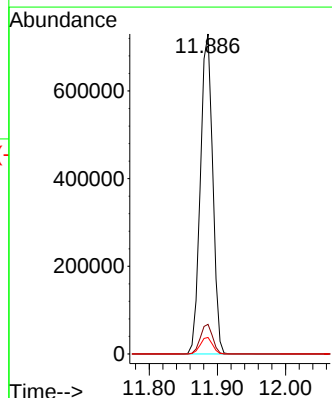
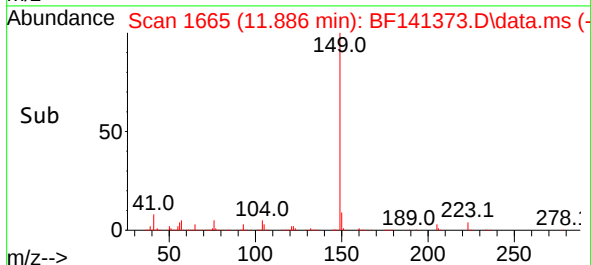
Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/06/2025



#74
 Di-n-butylphthalate
 Concen: 42.285 ng
 RT: 11.886 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF141373.D
 Acq: 03 Feb 2025 17:14



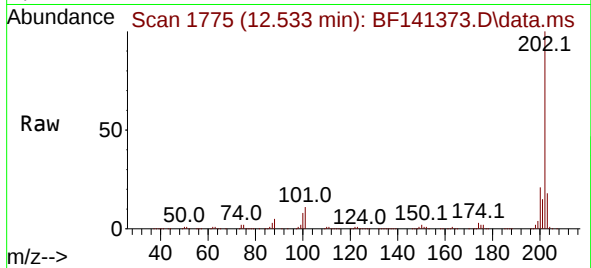
Tgt Ion:149 Resp: 917962
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.1 3.9 5.9





#75
Fluoranthene
Concen: 42.335 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

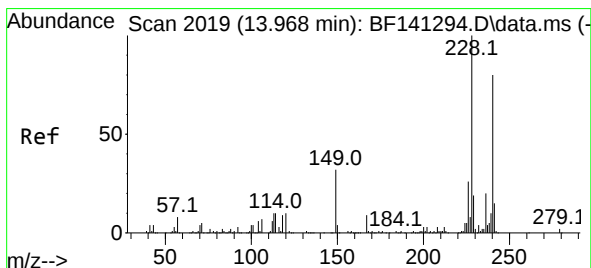
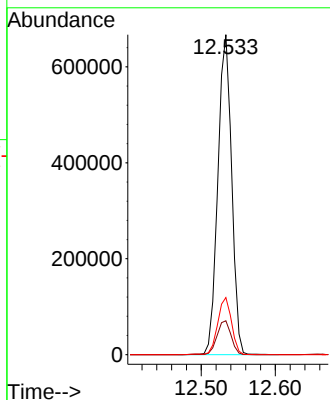
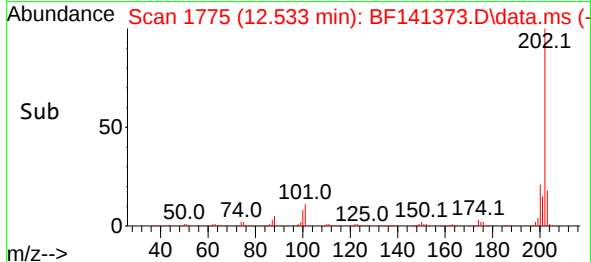
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



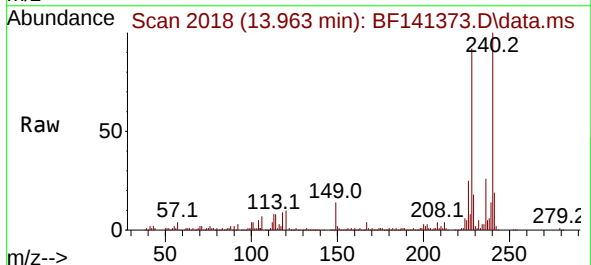
Tgt Ion:202 Resp: 86184
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.7
203 17.8 0.0 37.5

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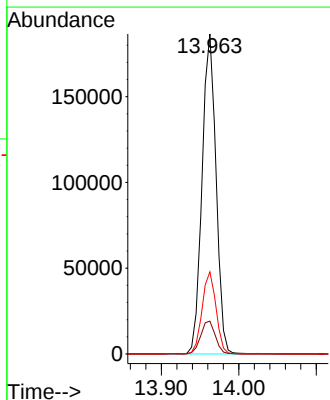
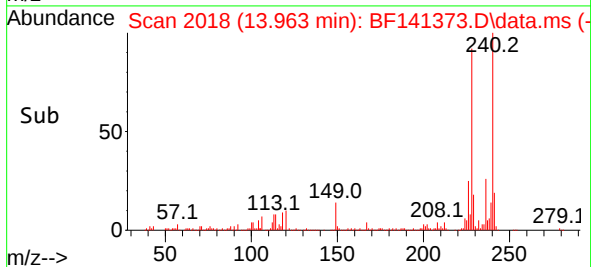
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

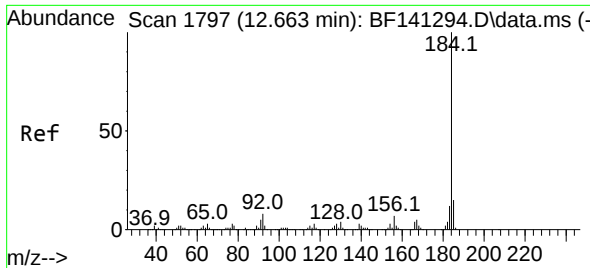


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14



Tgt Ion:240 Resp: 233911
Ion Ratio Lower Upper
240 100
120 10.3 10.0 15.0
236 25.7 19.7 29.5





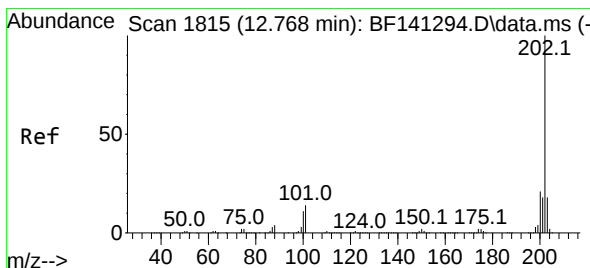
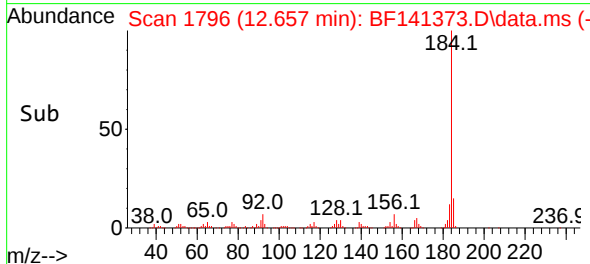
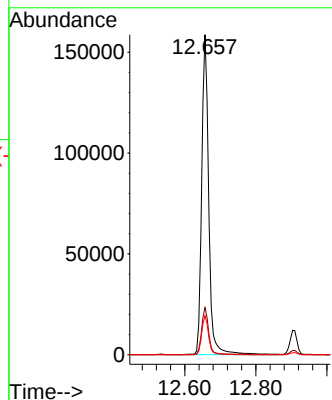
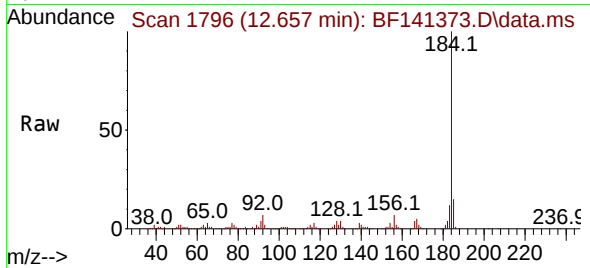
#77
Benzidine
Concen: 29.208 ng
RT: 12.657 min Scan# 1796
Delta R.T. -0.006 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 21902
Ion Ratio Lower Upper
184 100
185 14.7 11.9 17.9
183 12.2 9.5 14.3

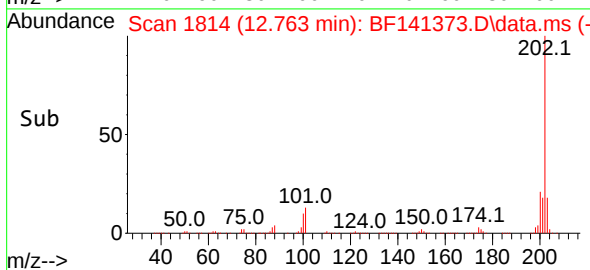
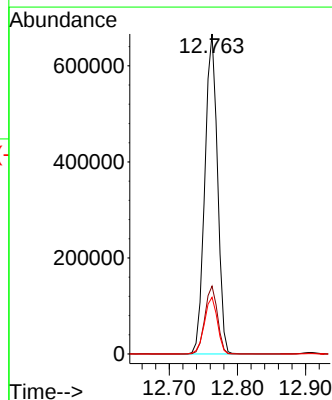
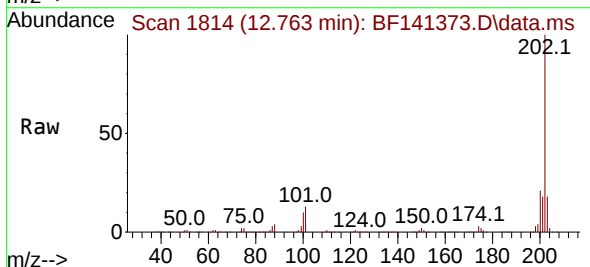
Manual Integrations
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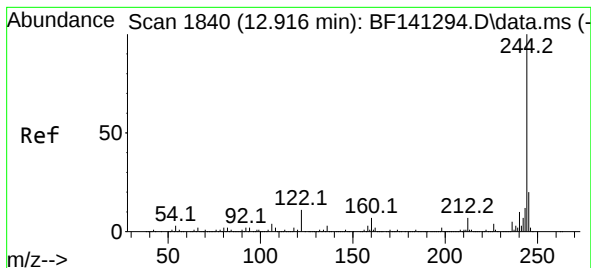
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#78
Pyrene
Concen: 38.305 ng
RT: 12.763 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

Tgt Ion:202 Resp: 860076
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.7 14.3 21.5





#79

Terphenyl-d14

Concen: 78.604 ng

RT: 12.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141373.D

Acq: 03 Feb 2025 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:244 Resp: 119222

Ion Ratio Lower Upper

244 100

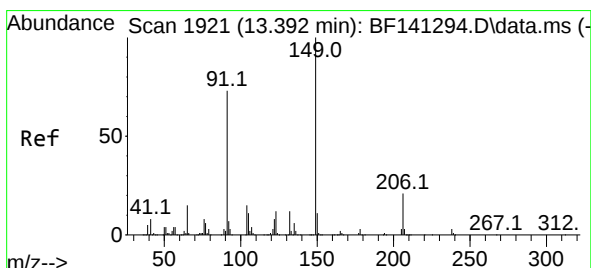
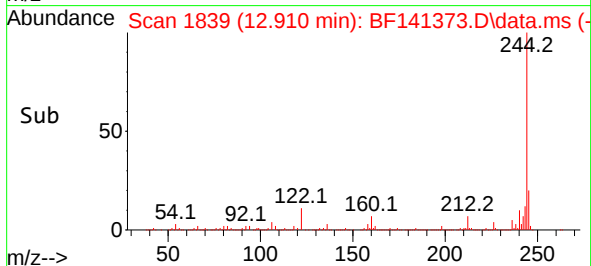
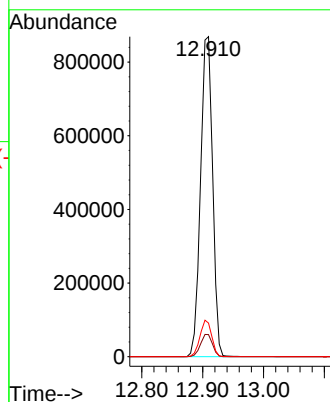
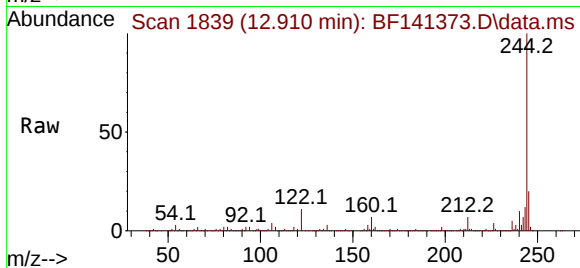
212 6.9 5.4 8.0

122 10.5 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#80

Butylbenzylphthalate

Concen: 41.929 ng

RT: 13.380 min Scan# 1919

Delta R.T. -0.012 min

Lab File: BF141373.D

Acq: 03 Feb 2025 17:14

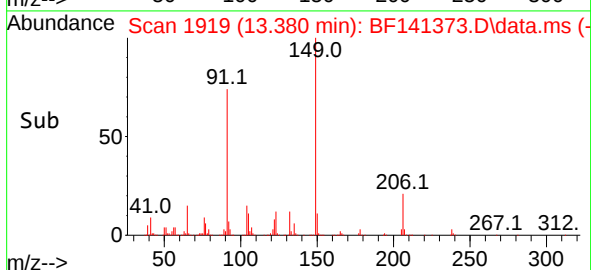
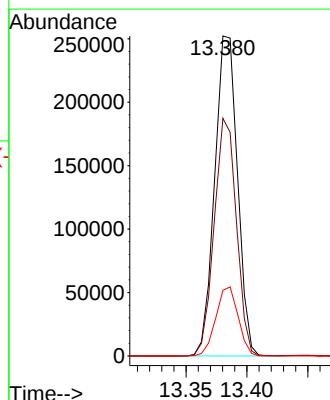
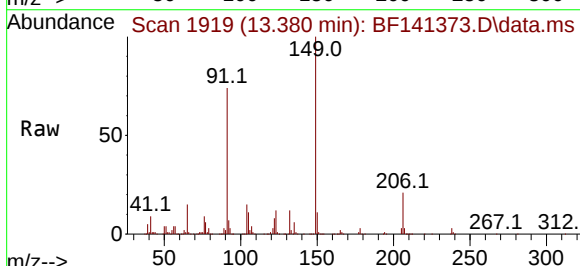
Tgt Ion:149 Resp: 328897

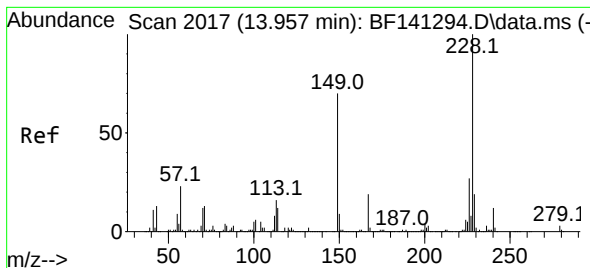
Ion Ratio Lower Upper

149 100

91 74.2 58.6 87.8

206 20.5 16.7 25.1





#81

Benzo(a)anthracene

Concen: 37.437 ng

RT: 13.951 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF141373.D

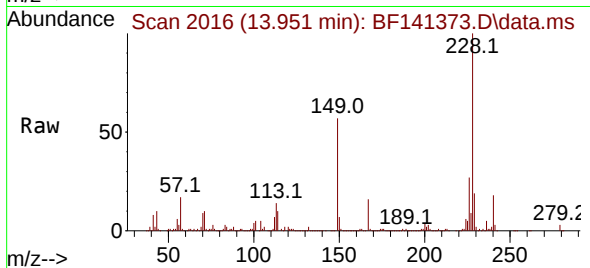
Acq: 03 Feb 2025 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:228 Resp: 604270

Ion Ratio Lower Upper

228 100

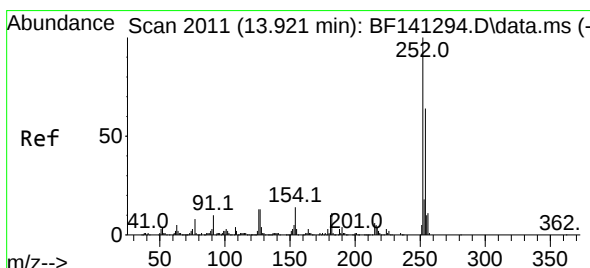
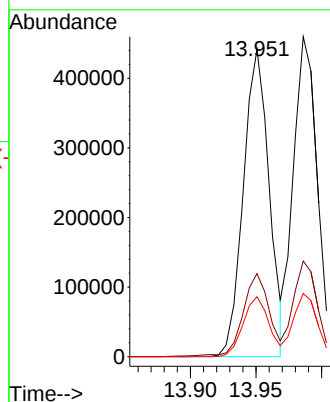
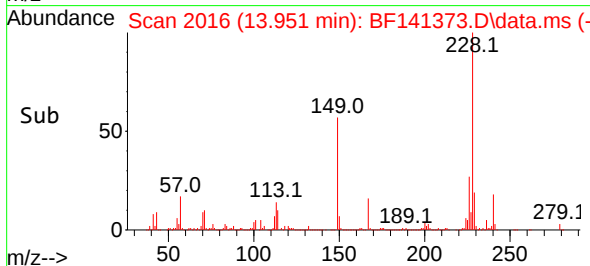
226 27.0 21.4 32.2

229 19.5 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#82

3,3'-Dichlorobenzidine

Concen: 38.639 ng

RT: 13.915 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF141373.D

Acq: 03 Feb 2025 17:14

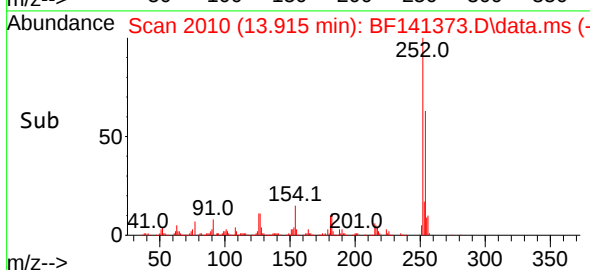
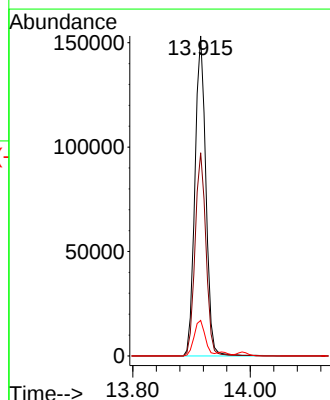
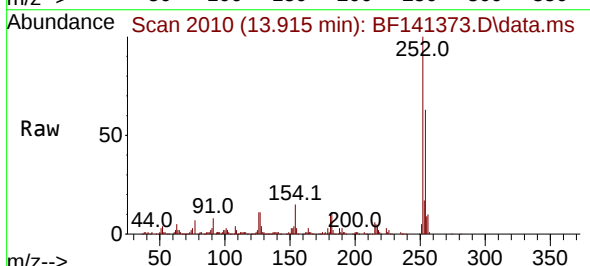
Tgt Ion:252 Resp: 198361

Ion Ratio Lower Upper

252 100

254 63.5 51.3 76.9

126 11.1 10.0 15.0





#83

Chrysene

Concen: 39.215 ng

RT: 13.986 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF141373.D

Acq: 03 Feb 2025 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

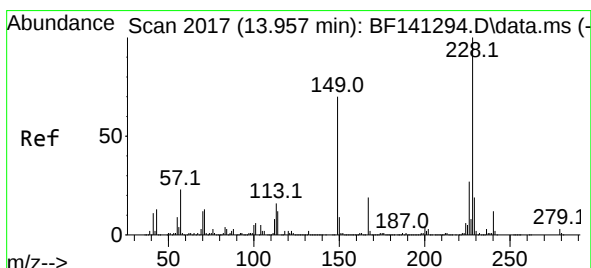
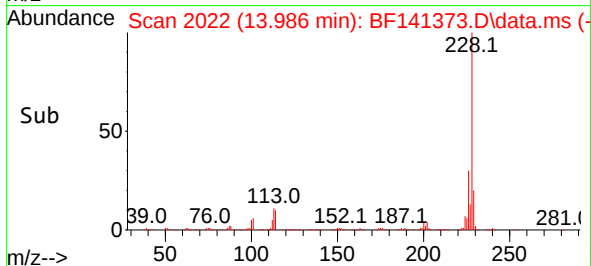
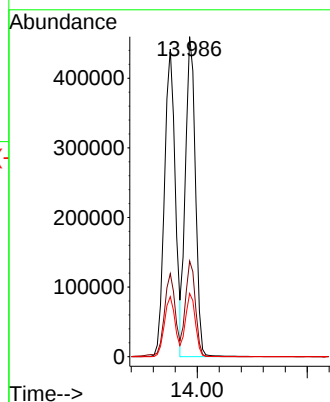
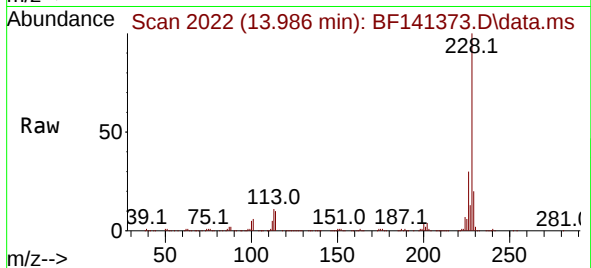
Tgt Ion:228 Resp: 580099

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	19.8	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.840 ng

RT: 13.945 min Scan# 2015

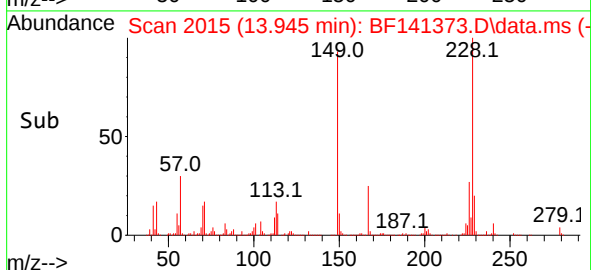
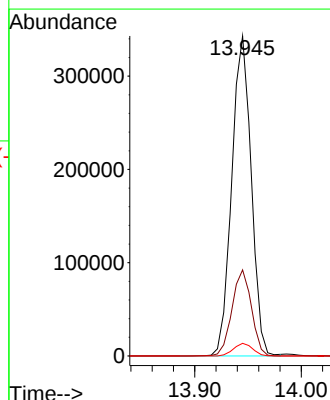
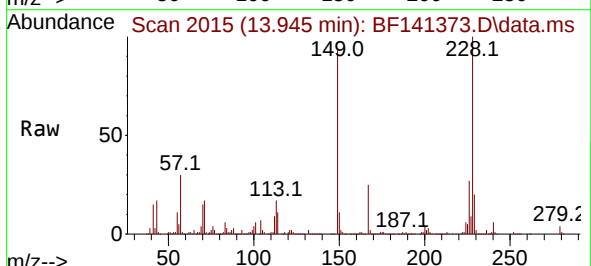
Delta R.T. -0.012 min

Lab File: BF141373.D

Acq: 03 Feb 2025 17:14

Tgt Ion:149 Resp: 436237

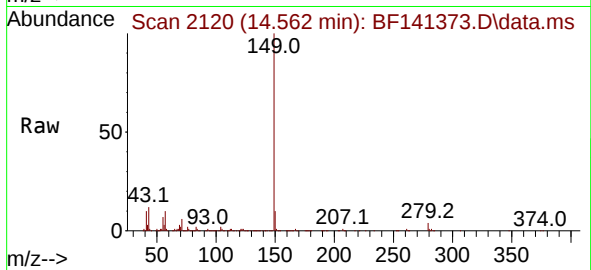
Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.8	32.8
279	4.0	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 44.601 ng
RT: 14.562 min Scan# 2120
Delta R.T. -0.024 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

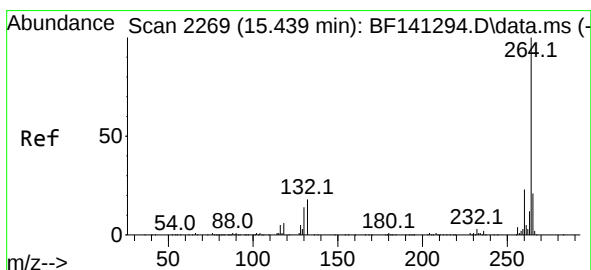
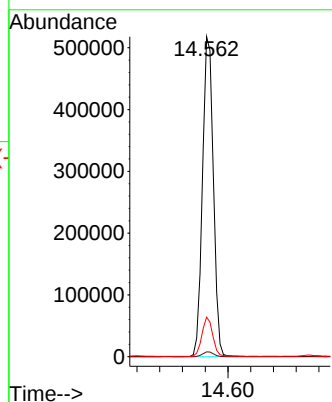
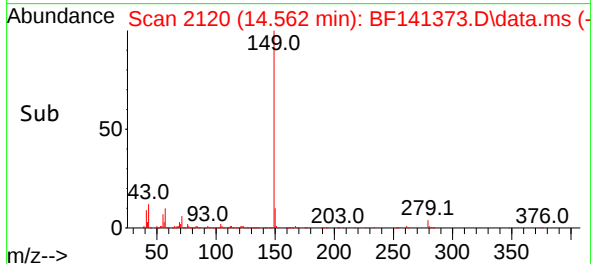
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



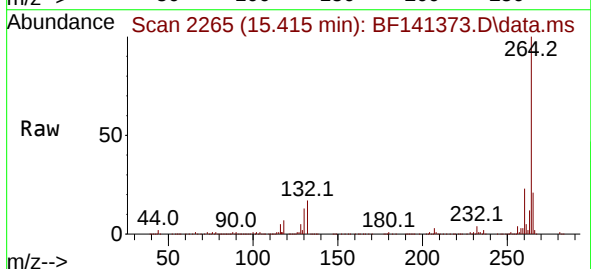
Tgt Ion:149 Resp: 68932
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.2 9.8 14.8

Manual Integrations
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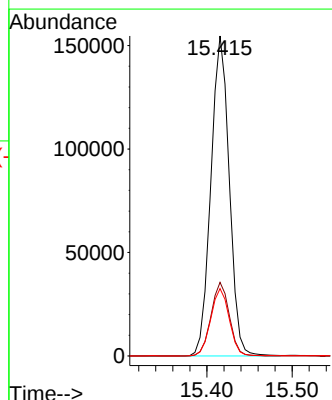
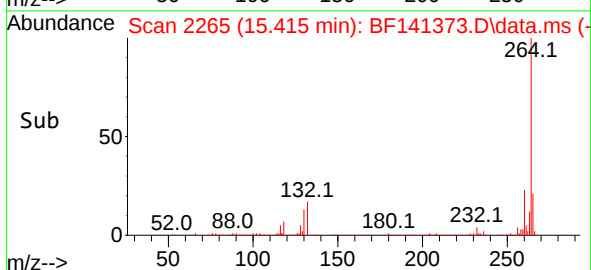
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

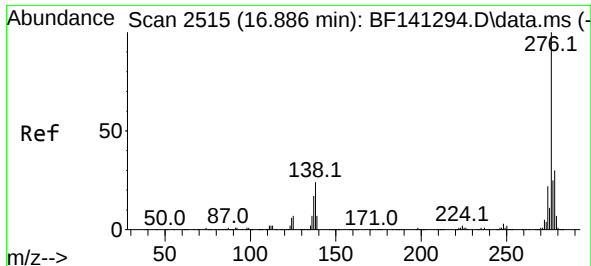


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2265
Delta R.T. -0.024 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14



Tgt Ion:264 Resp: 231577
Ion Ratio Lower Upper
264 100
260 23.0 18.6 27.8
265 21.1 16.7 25.1





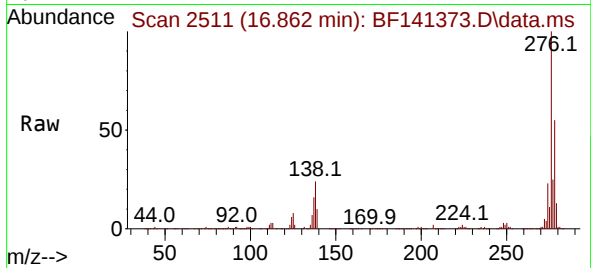
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.938 ng
RT: 16.862 min Scan# 2194
Delta R.T. -0.035 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

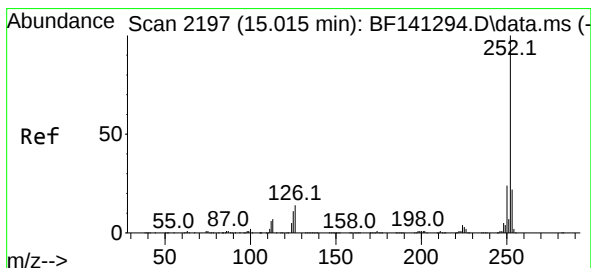
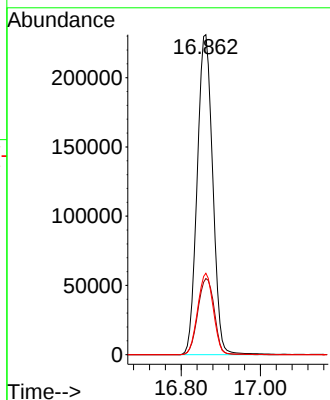
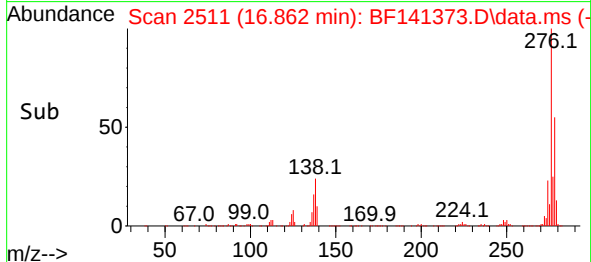


Tgt Ion:276 Resp: 626825
Ion Ratio Lower Upper
276 100
138 25.3 21.7 32.5
277 25.7 20.3 30.5

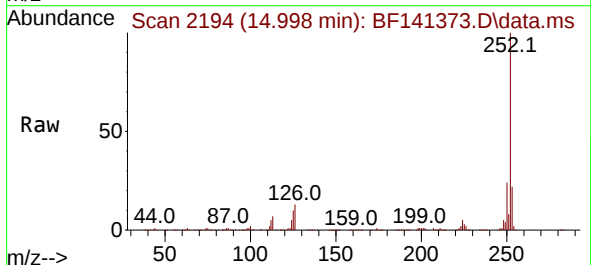
Manual Integrations

APPROVED

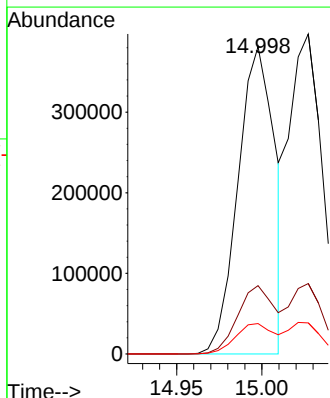
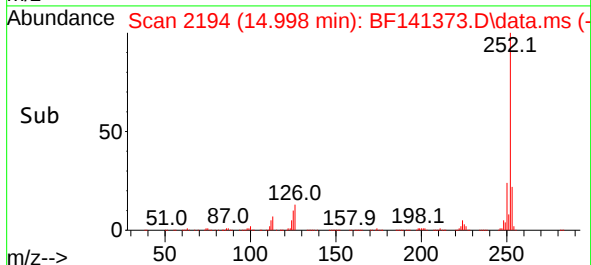
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

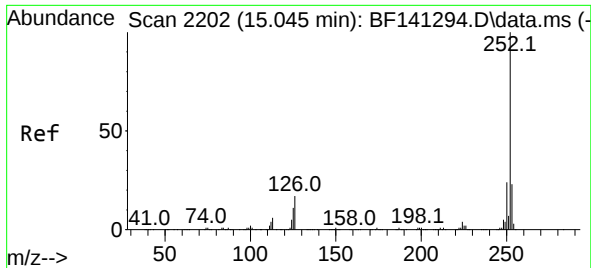


#88
Benzo(b)fluoranthene
Concen: 39.222 ng
RT: 14.998 min Scan# 2194
Delta R.T. -0.024 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14



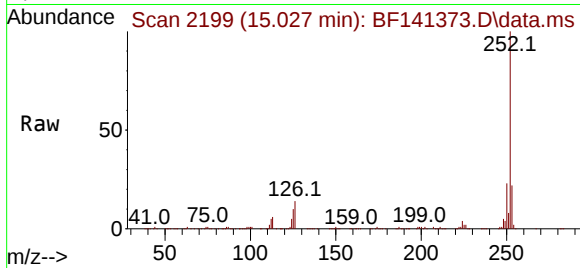
Tgt Ion:252 Resp: 571343
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 9.9 8.6 12.8





#89
Benzo(k)fluoranthene
Concen: 41.439 ng
RT: 15.027 min Scan# 2199
Delta R.T. -0.024 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

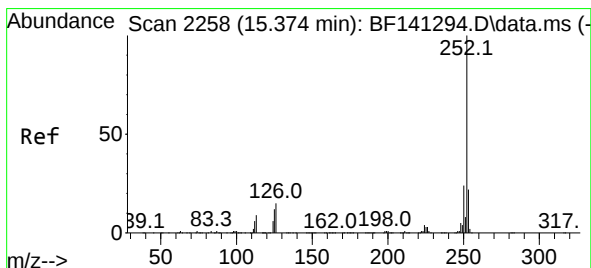
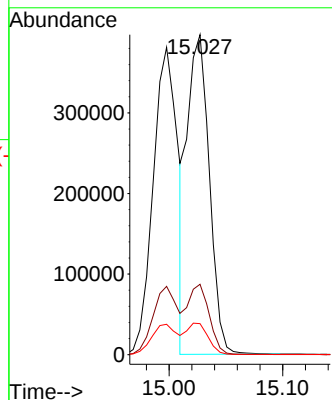
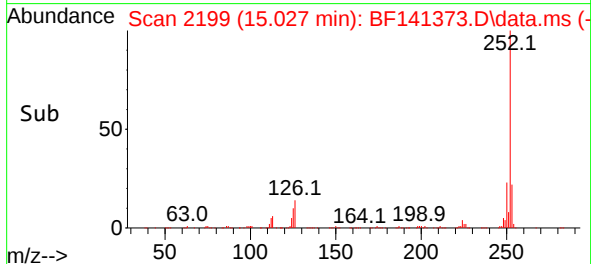
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



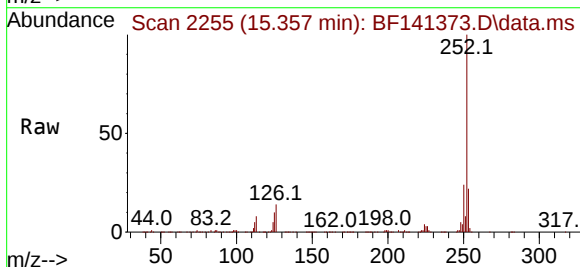
Tgt Ion:252 Resp: 534749
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 9.7 8.4 12.6

Manual Integrations
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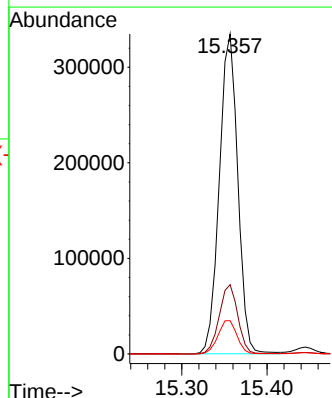
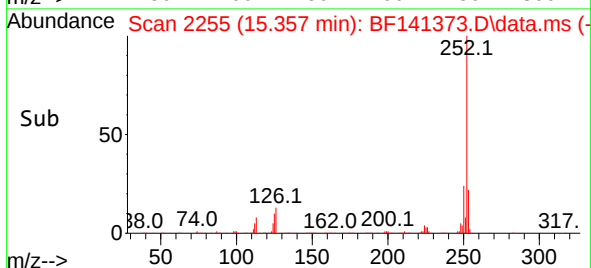
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#90
Benzo(a)pyrene
Concen: 40.922 ng
RT: 15.357 min Scan# 2255
Delta R.T. -0.024 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14



Tgt Ion:252 Resp: 503731
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 10.4 9.4 14.2





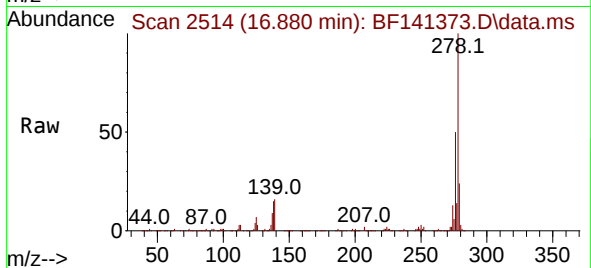
#91
Dibenzo(a,h)anthracene
Concen: 42.442 ng
RT: 16.880 min Scan# 2514
Delta R.T. -0.041 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14

Instrument :

BNA_F

ClientSampleId :

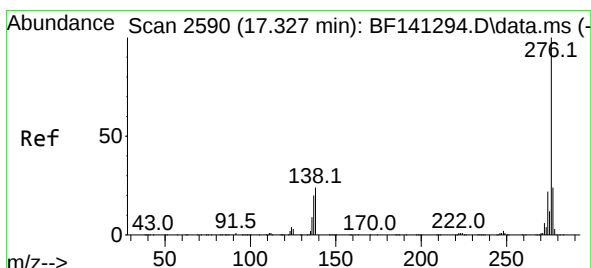
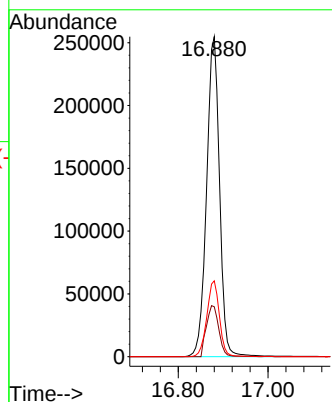
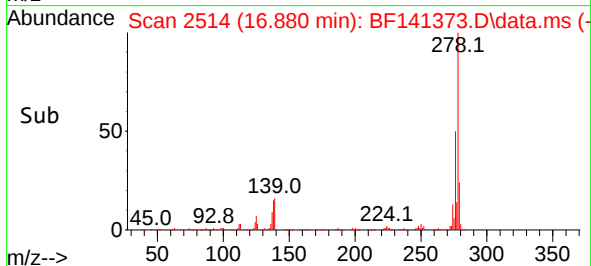
SSTDCCC040



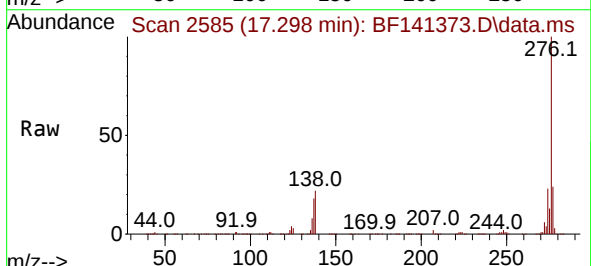
Tgt Ion:278 Resp: 51036
Ion Ratio Lower Upper
278 100
139 15.6 13.9 20.9
279 23.7 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#92
Benzo(g,h,i)perylene
Concen: 41.452 ng
RT: 17.298 min Scan# 2585
Delta R.T. -0.047 min
Lab File: BF141373.D
Acq: 03 Feb 2025 17:14



Tgt Ion:276 Resp: 518300
Ion Ratio Lower Upper
276 100
277 23.9 19.2 28.8
138 22.1 19.0 28.4

