

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
 Data File : BF141636.D
 Acq On : 14 Feb 2025 13:37
 Operator : RC/JU
 Sample : Q1356-04MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CARBON-WATERMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/15/2025
 Supervised By :Jagrut Upadhyay 02/19/2025

Quant Time: Feb 14 14:03:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	84972	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	344114	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	188709	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	320276	20.000	ng	0.00
76) Chrysene-d12	13.957	240	187767	20.000	ng	0.00
86) Perylene-d12	15.433	264	159211	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	720859	132.999	ng	0.00
7) Phenol-d6	6.434	99	823753	120.248	ng	0.00
23) Nitrobenzene-d5	7.351	82	650153	98.545	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	268857	141.827	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1163900	95.022	ng	0.00
79) Terphenyl-d14	12.898	244	1297134	116.623	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.546	88	94510	43.325	ng	99
3) Pyridine	3.275	79	129916	25.027	ng	95
4) n-Nitrosodimethylamine	3.228	42	141641	41.208	ng	94
6) Aniline	6.451	93	135885	21.146	ng	# 55
8) 2-Chlorophenol	6.575	128	269765	46.062	ng	99
9) Benzaldehyde	6.334	77	96642	26.547	ng	98
10) Phenol	6.446	94	272696	38.246	ng	88
11) bis(2-Chloroethyl)ether	6.522	93	249365	46.563	ng	100
12) 1,3-Dichlorobenzene	6.728	146	274383	44.378	ng	97
13) 1,4-Dichlorobenzene	6.804	146	281210	44.516	ng	99
14) 1,2-Dichlorobenzene	6.957	146	270371	46.115	ng	98
15) Benzyl Alcohol	6.934	79	221414	42.148	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	401252	43.769	ng	78
17) 2-Methylphenol	7.051	107	203996	44.511	ng	96
18) Hexachloroethane	7.298	117	105061	44.938	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	190325	46.447	ng	96
20) 3+4-Methylphenols	7.204	107	261327	44.867	ng	98
22) Acetophenone	7.198	105	413898	48.352	ng	95
24) Nitrobenzene	7.375	77	288642	44.866	ng	99
25) Isophorone	7.610	82	504925	47.999	ng	99
26) 2-Nitrophenol	7.687	139	143208	44.742	ng	96
27) 2,4-Dimethylphenol	7.728	122	217464	58.159	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	308243	45.728	ng	100
29) 2,4-Dichlorophenol	7.934	162	229425	45.412	ng	100
30) 1,2,4-Trichlorobenzene	8.010	180	242498	44.078	ng	99
31) Naphthalene	8.092	128	778564	43.465	ng	100
32) Benzoic acid	7.863	122	132353	34.078	ng	97
33) 4-Chloroaniline	8.151	127	47445	7.586	ng	97
34) Hexachlorobutadiene	8.204	225	148293	44.899	ng	99
35) Caprolactam	8.516	113	59889m	38.934	ng	
36) 4-Chloro-3-methylphenol	8.640	107	246482	44.044	ng	100
37) 2-Methylnaphthalene	8.781	142	498009	42.725	ng	99
38) 1-Methylnaphthalene	8.881	142	484567	42.922	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	267826	49.056	ng	98
41) Hexachlorocyclopentadiene	8.934	237	267751	147.448	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	161389	45.737	ng	99

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 QLast Update : Thu Feb 06 16:58:59 2025
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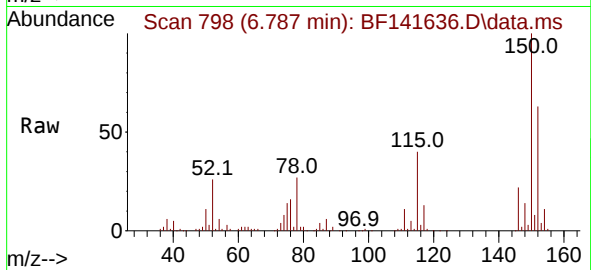
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	169569	44.341	ng	98
46) 1,1'-Biphenyl	9.245	154	720778	49.266	ng	99
47) 2-Chloronaphthalene	9.269	162	492631	45.535	ng	99
48) 2-Nitroaniline	9.369	65	159276	43.869	ng	99
49) Acenaphthylene	9.687	152	757692	47.086	ng	99
50) Dimethylphthalate	9.551	163	587334	45.846	ng	100
51) 2,6-Dinitrotoluene	9.616	165	129736	46.325	ng	96
52) Acenaphthene	9.857	154	477895	44.175	ng	100
53) 3-Nitroaniline	9.781	138	52673	17.475	ng	97
54) 2,4-Dinitrophenol	9.898	184	161892	97.264	ng	92
55) Dibenzofuran	10.028	168	684122	43.083	ng	100
56) 4-Nitrophenol	9.963	139	173490	77.535	ng	97
57) 2,4-Dinitrotoluene	10.022	165	175435	47.056	ng	98
58) Fluorene	10.375	166	546127	44.481	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	143768	43.667	ng	97
60) Diethylphthalate	10.245	149	557799	44.254	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	262210	44.392	ng	99
62) 4-Nitroaniline	10.398	138	123974	40.505	ng	97
63) Azobenzene	10.522	77	536984	42.854	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	102555	46.096	ng	97
66) n-Nitrosodiphenylamine	10.486	169	472341	46.072	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	162515	45.402	ng	94
68) Hexachlorobenzene	10.922	284	174584	47.365	ng	99
69) Atrazine	11.016	200	165172	53.702	ng	98
70) Pentachlorophenol	11.122	266	188251	79.874	ng	99
71) Phenanthrene	11.333	178	817975	46.397	ng	100
72) Anthracene	11.386	178	835984	47.172	ng	100
73) Carbazole	11.545	167	727521	45.623	ng	100
74) Di-n-butylphthalate	11.869	149	839845	45.613	ng	100
75) Fluoranthene	12.522	202	820316	43.888	ng	100
77) Benzidine	12.657	184	32906	7.946	ng	98
78) Pyrene	12.751	202	831249	52.005	ng	99
80) Butylbenzylphthalate	13.369	149	291462	52.645	ng	100
81) Benzo(a)anthracene	13.945	228	603503	48.352	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	100379	28.075	ng	99
83) Chrysene	13.986	228	525534	45.600	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	325174	52.076	ng	100
85) Di-n-octyl phthalate	14.574	149	450683	50.594	ng	98
87) Indeno(1,2,3-cd)pyrene	16.886	276	549103	55.817	ng	99
88) Benzo(b)fluoranthene	15.016	252	456328	42.686	ng	99
89) Benzo(k)fluoranthene	15.045	252	431507	47.270	ng	98
90) Benzo(a)pyrene	15.374	252	423546	48.964	ng	99
91) Dibenzo(a,h)anthracene	16.898	278	445100	55.839	ng	99
92) Benzo(g,h,i)perylene	17.315	276	434697	52.112	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

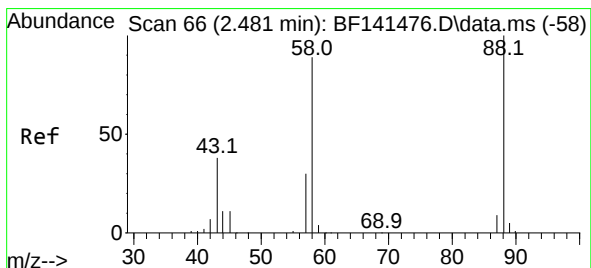
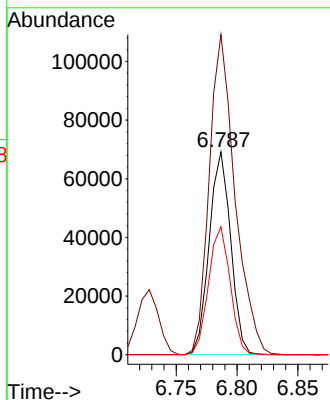
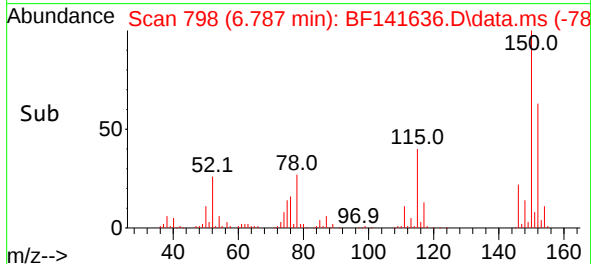
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD



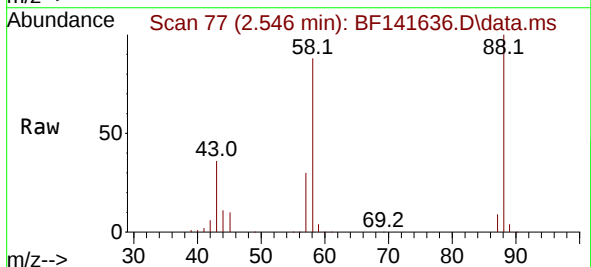
Tgt Ion:152 Resp: 84972
Ion Ratio Lower Upper
152 100
150 157.7 125.0 187.4
115 63.0 53.6 80.4

Manual Integrations
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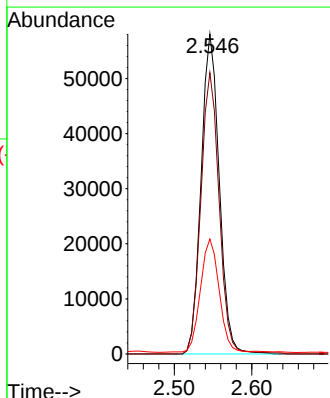
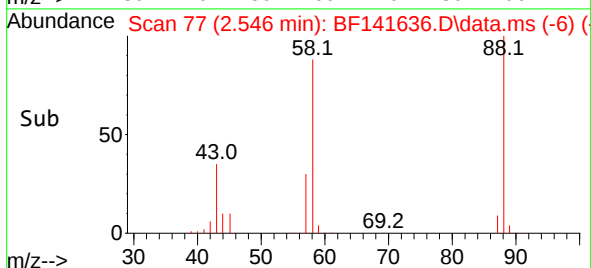
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

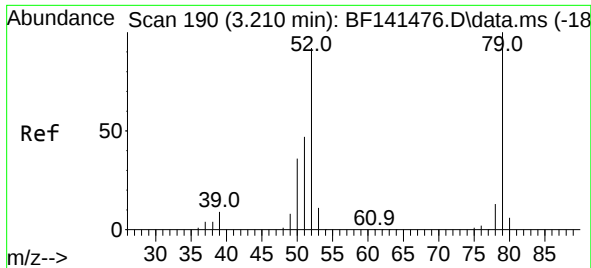


#2
1,4-Dioxane
Concen: 43.325 ng
RT: 2.546 min Scan# 77
Delta R.T. 0.065 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37



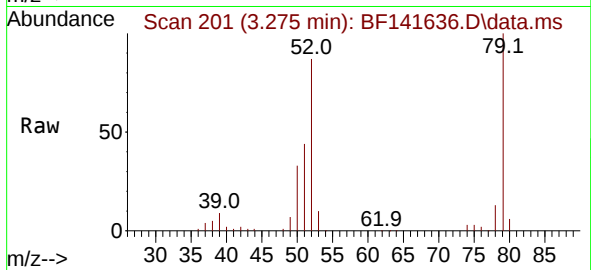
Tgt Ion: 88 Resp: 94510
Ion Ratio Lower Upper
88 100
58 88.7 71.1 106.7
43 36.5 30.6 46.0





#3
Pyridine
Concen: 25.027 ng
RT: 3.275 min Scan# 201
Delta R.T. 0.059 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

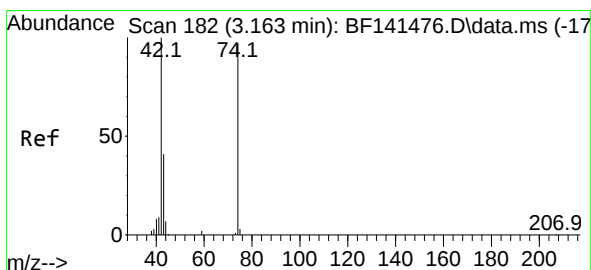
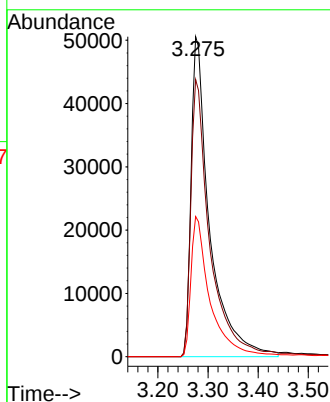
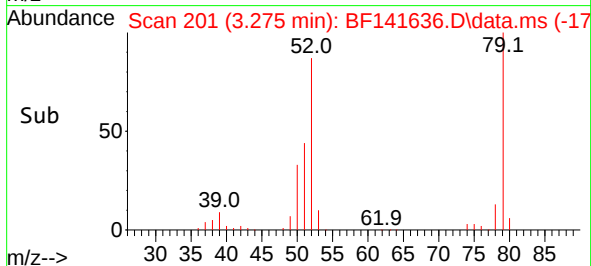
Instrument :
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ClientSampleId :
CARBON-WATERMSD



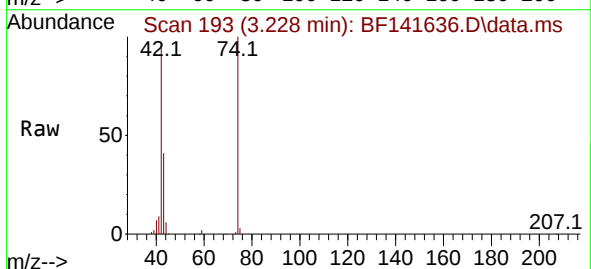
Tgt Ion: 79 Resp: 129910
Ion Ratio Lower Upper
79 100
52 86.6 73.7 110.5
51 43.8 37.5 56.3

Manual Integrations
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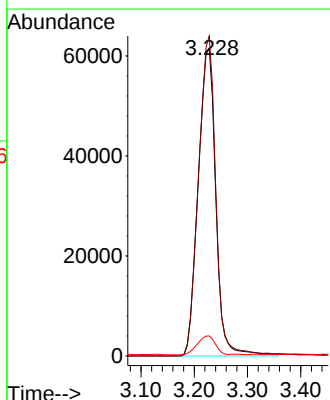
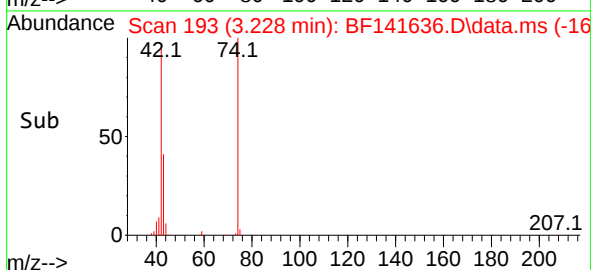
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#4
n-Nitrosodimethylamine
Concen: 41.208 ng
RT: 3.228 min Scan# 193
Delta R.T. 0.041 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37



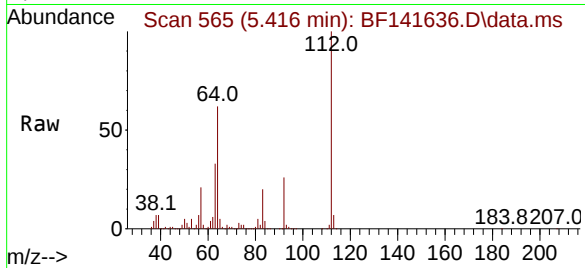
Tgt Ion: 42 Resp: 141641
Ion Ratio Lower Upper
42 100
74 104.0 78.0 117.0
44 6.5 5.4 8.2





#5
2-Fluorophenol
Concen: 132.999 ng
RT: 5.416 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

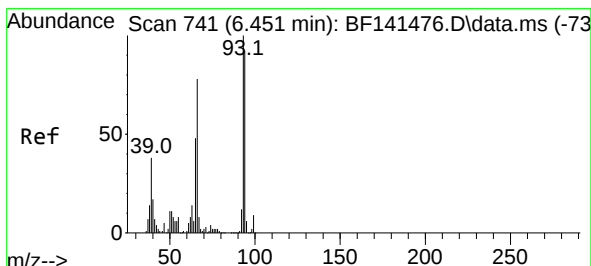
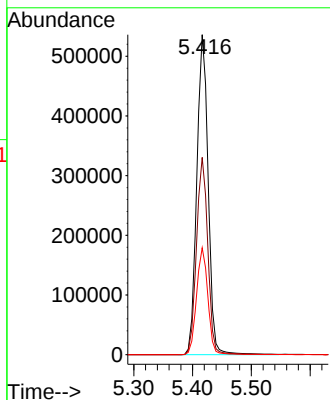
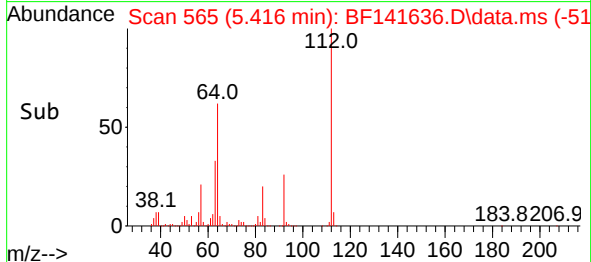
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD



Tgt Ion: 112 Resp: 720859
Ion Ratio Lower Upper
112 100
64 61.7 51.1 76.7
63 33.4 28.4 42.6

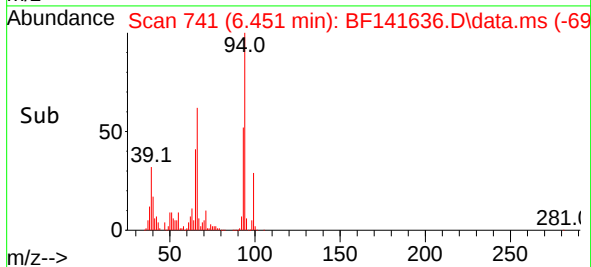
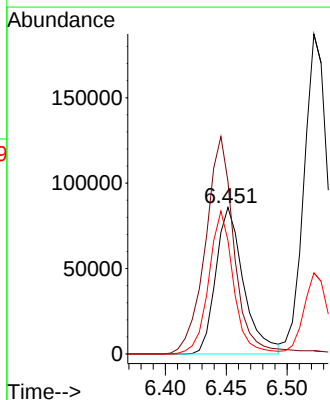
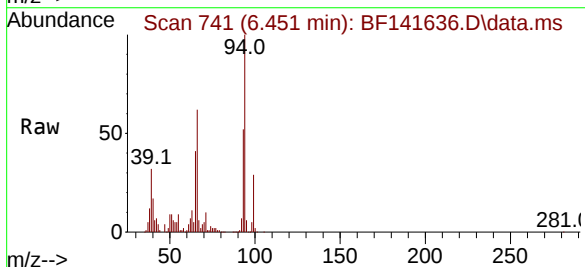
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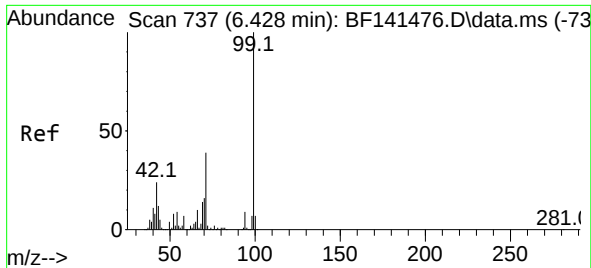
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#6
Aniline
Concen: 21.146 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

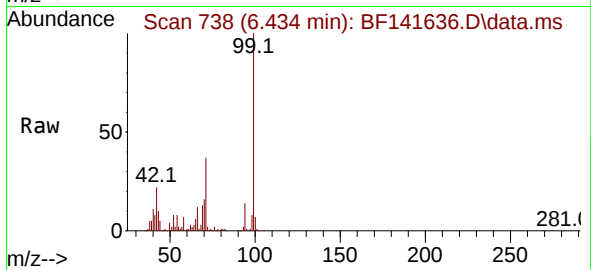
Tgt Ion: 93 Resp: 135885
Ion Ratio Lower Upper
93 100
66 117.7 62.6 94.0#
65 77.4 38.3 57.5#





#7
Phenol-d6
Concen: 120.248 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

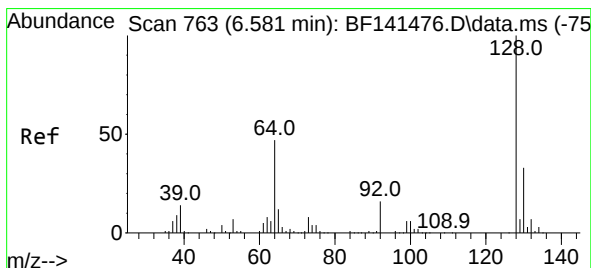
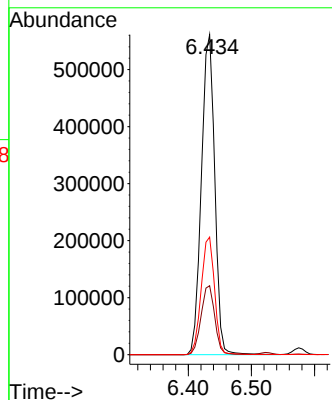
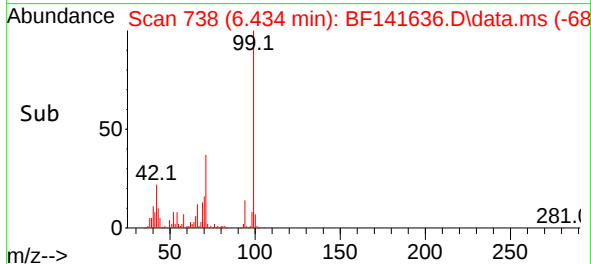
Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 82375
Ion Ratio Lower Upper
99 100
42 21.6 19.1 28.7
71 36.7 31.1 46.7

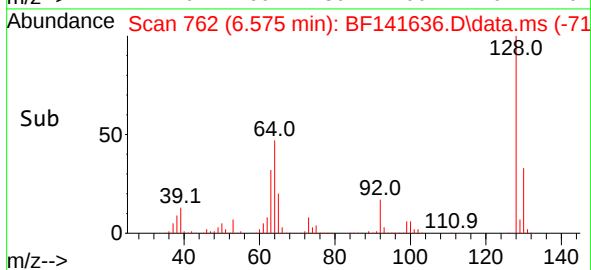
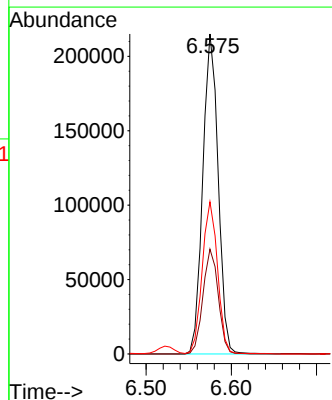
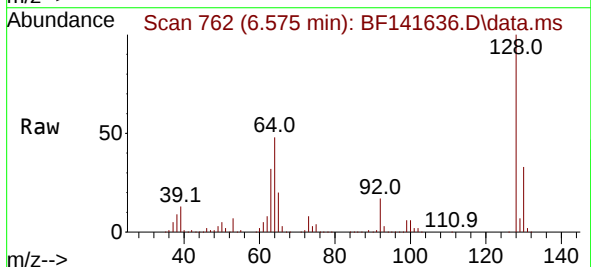
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#8
2-Chlorophenol
Concen: 46.062 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

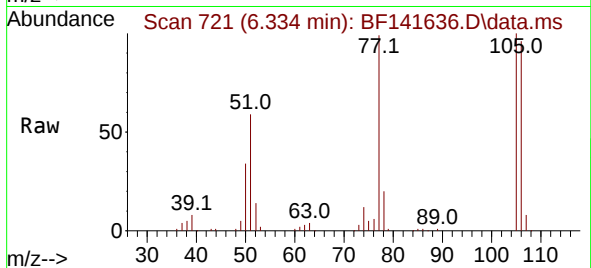
Tgt Ion:128 Resp: 269765
Ion Ratio Lower Upper
128 100
130 32.7 12.7 52.7
64 47.5 28.3 68.3





#9
Benzaldehyde
Concen: 26.547 ng
RT: 6.334 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

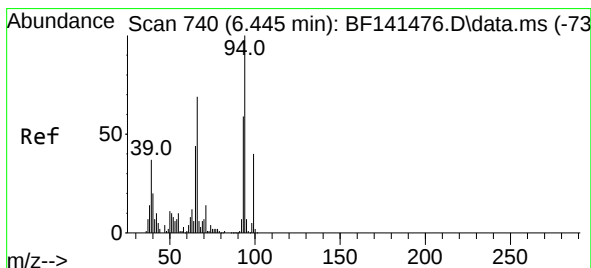
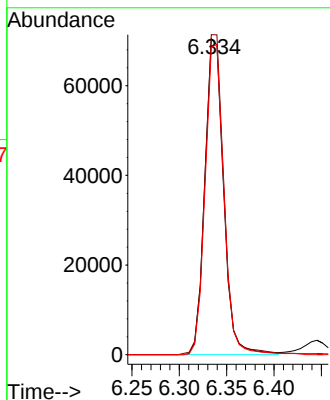
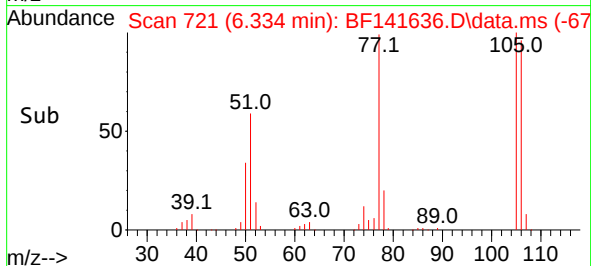
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD



Tgt Ion: 77 Resp: 9664
Ion Ratio Lower Upper
77 100
105 101.3 79.4 119.4
106 97.3 75.1 115.1

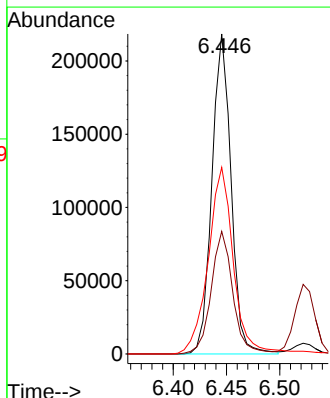
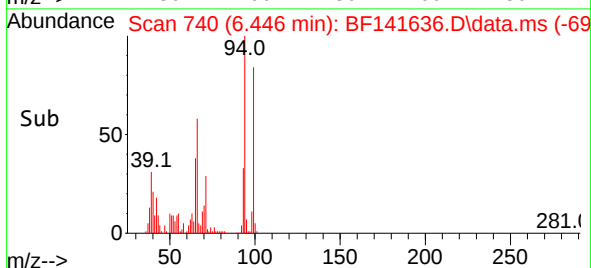
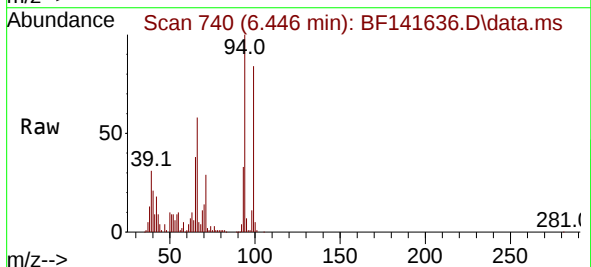
Manual Integrations
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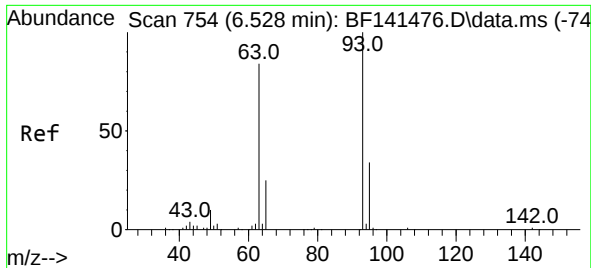
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#10
Phenol
Concen: 38.246 ng
RT: 6.446 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

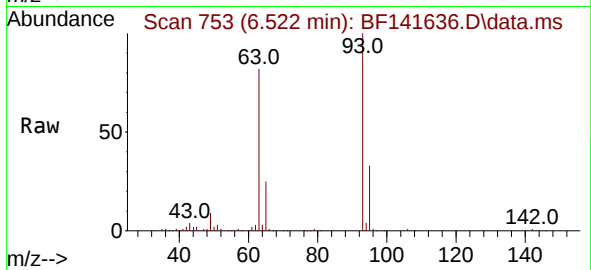
Tgt Ion: 94 Resp: 272696
Ion Ratio Lower Upper
94 100
65 38.3 23.7 63.7
66 58.3 49.3 89.3





#11
bis(2-Chloroethyl)ether
Concen: 46.563 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

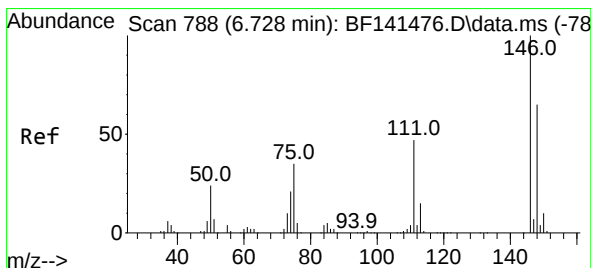
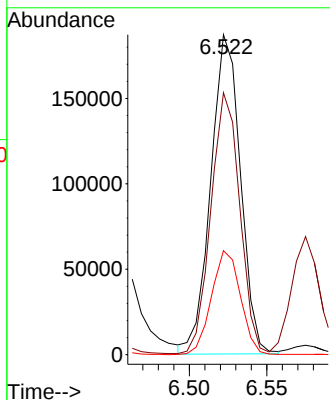
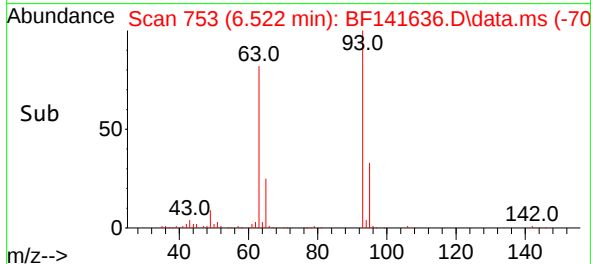
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD



Tgt Ion: 93 Resp: 24936
Ion Ratio Lower Upper
93 100
63 81.9 62.0 102.0
95 32.5 12.6 52.6

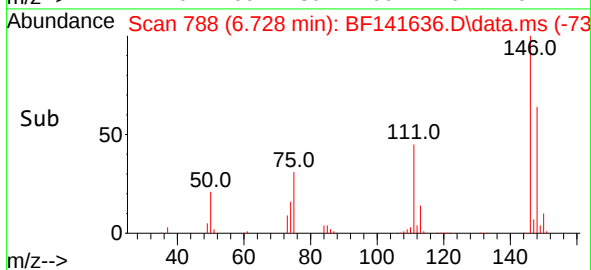
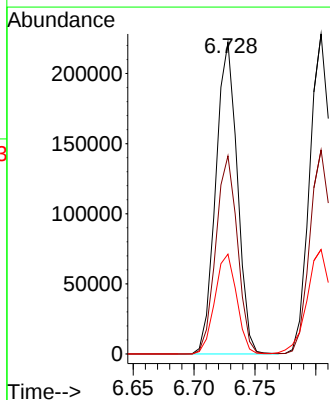
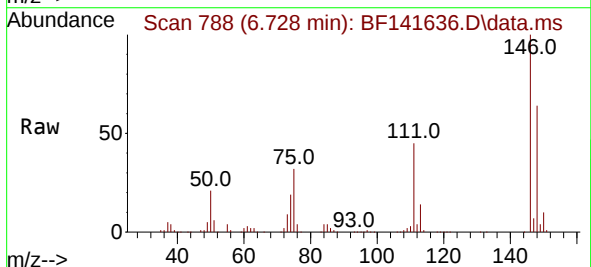
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#12
1,3-Dichlorobenzene
Concen: 44.378 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

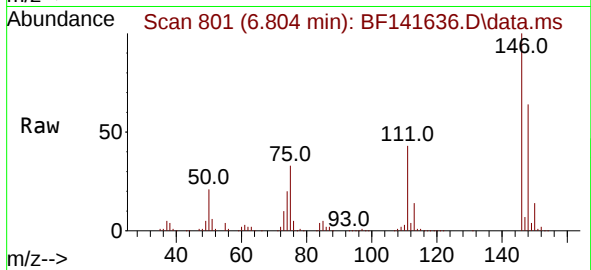
Tgt Ion:146 Resp: 274383
Ion Ratio Lower Upper
146 100
148 63.6 51.9 77.9
75 32.1 28.2 42.2





#13
1,4-Dichlorobenzene
Concen: 44.516 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

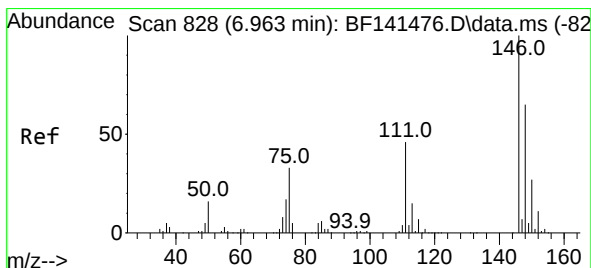
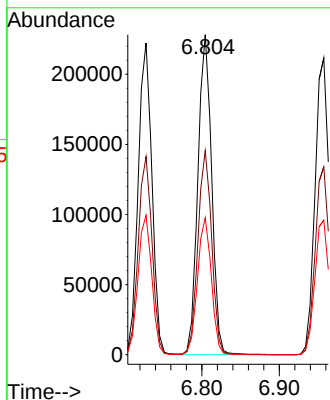
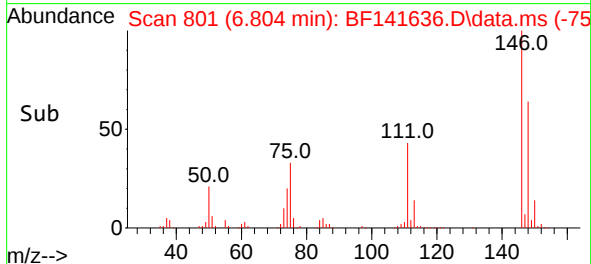
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD



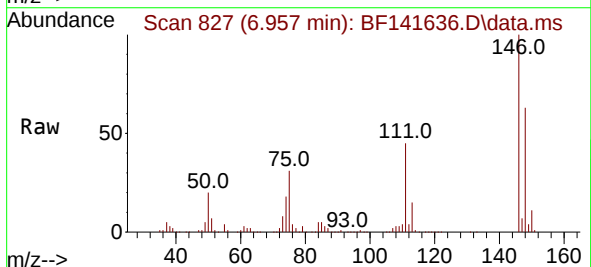
Tgt Ion:146 Resp: 281210
Ion Ratio Lower Upper
146 100
148 63.7 50.9 76.3
111 42.8 35.9 53.9

Manual Integrations
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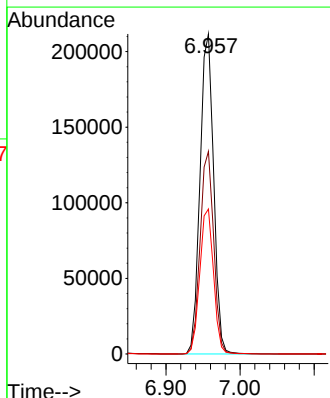
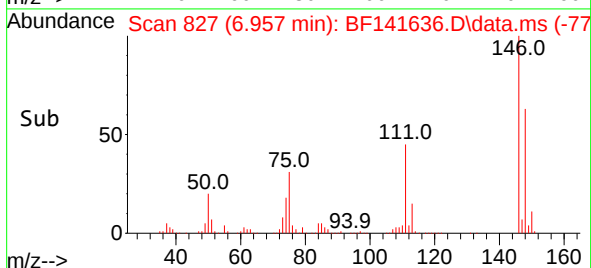
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

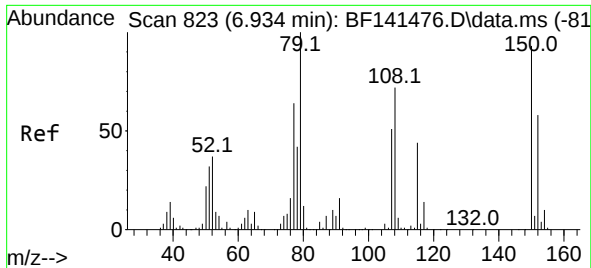


#14
1,2-Dichlorobenzene
Concen: 46.115 ng
RT: 6.957 min Scan# 827
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37



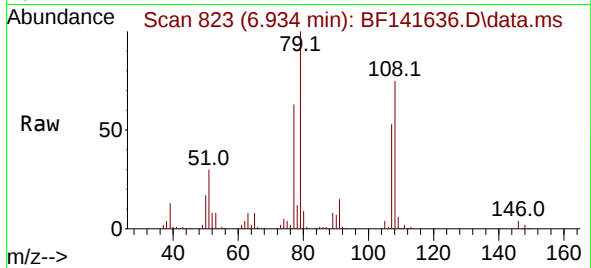
Tgt Ion:146 Resp: 270371
Ion Ratio Lower Upper
146 100
148 63.3 51.8 77.6
111 45.3 37.0 55.4





#15
Benzyl Alcohol
Concen: 42.148 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

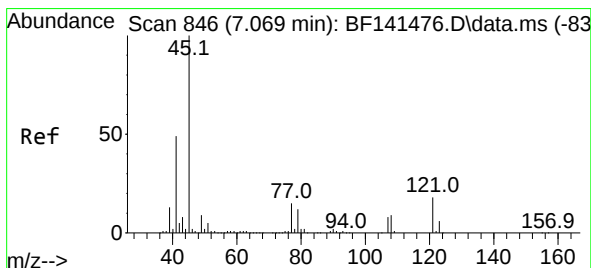
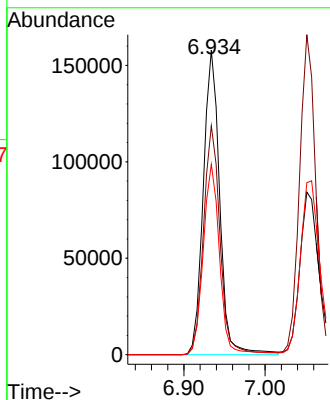
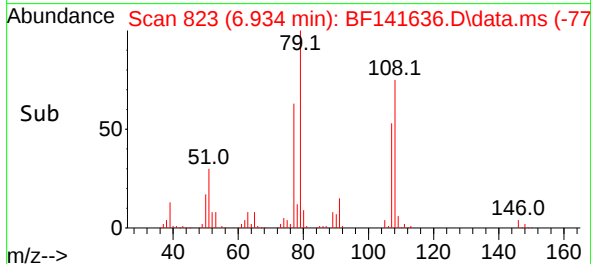
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD



Tgt Ion: 79 Resp: 221414
Ion Ratio Lower Upper
79 100
108 75.2 57.4 86.2
77 62.5 50.9 76.3

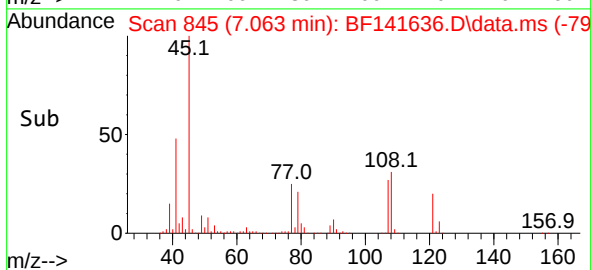
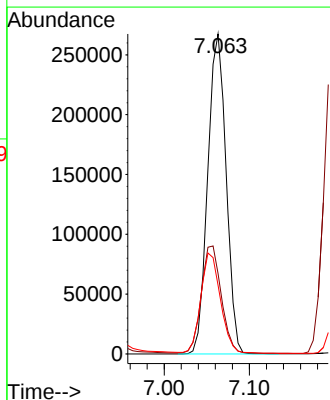
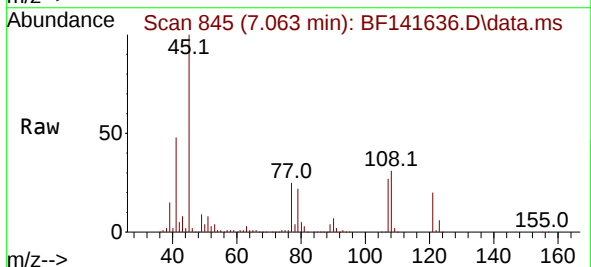
Manual Integrations
APPROVED

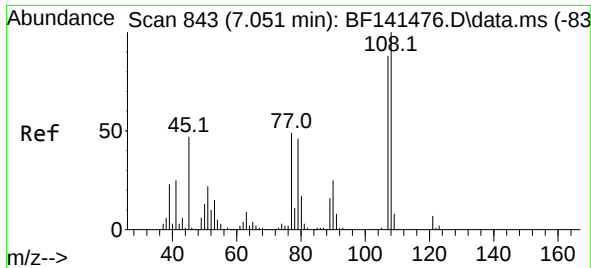
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.769 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

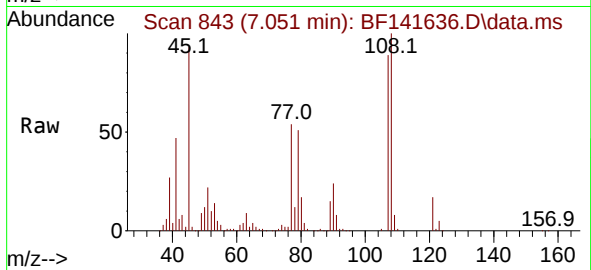
Tgt Ion: 45 Resp: 401252
Ion Ratio Lower Upper
45 100
77 25.1 0.0 35.8
79 21.5 0.0 32.7





#17
2-Methylphenol
Concen: 44.511 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

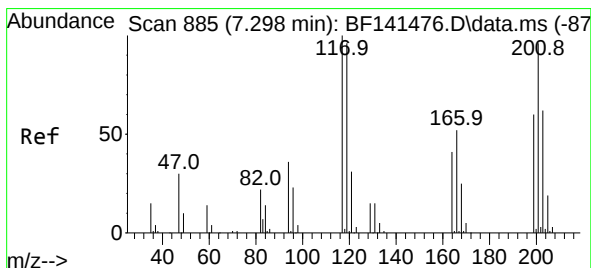
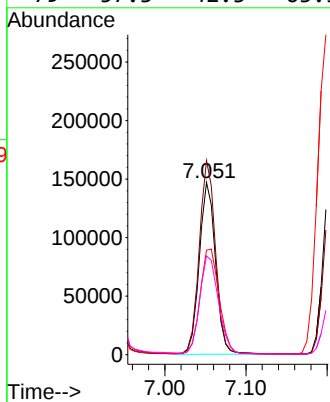
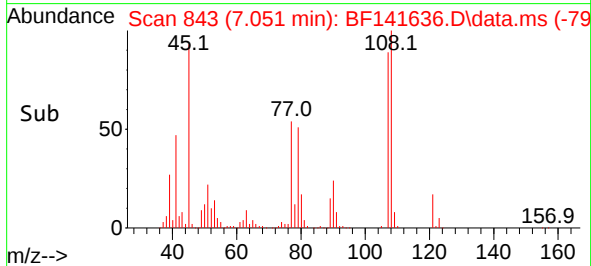
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD



Tgt Ion:107 Resp: 203990
Ion Ratio Lower Upper
107 100
108 112.8 90.6 136.0
77 60.6 44.4 66.6
79 57.3 42.3 63.5

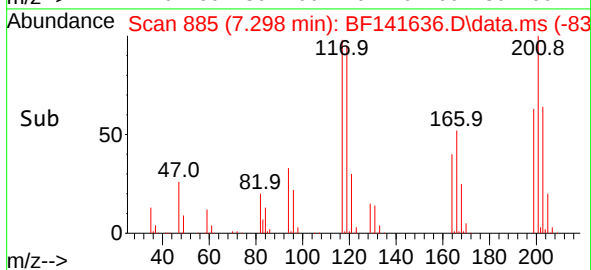
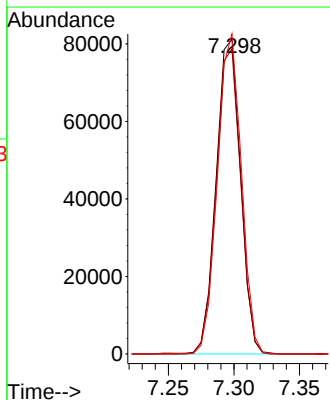
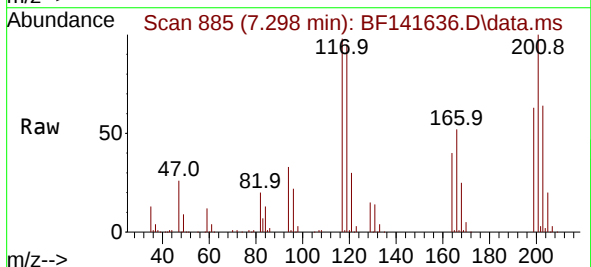
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#18
Hexachloroethane
Concen: 44.938 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

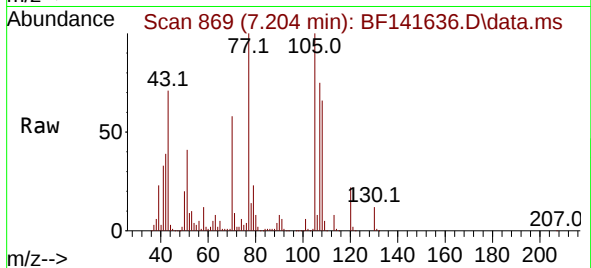
Tgt Ion:117 Resp: 105061
Ion Ratio Lower Upper
117 100
119 96.9 76.5 114.7
201 101.7 76.7 115.1





#19
n-Nitroso-di-n-propylamine
Concen: 46.447 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

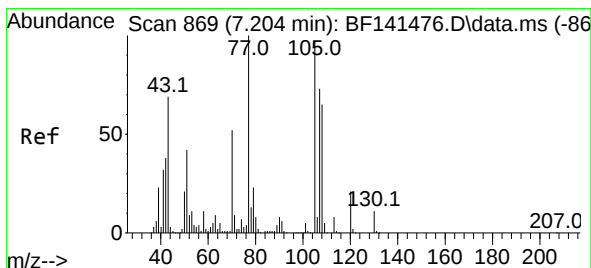
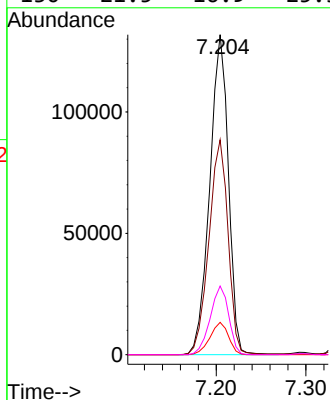
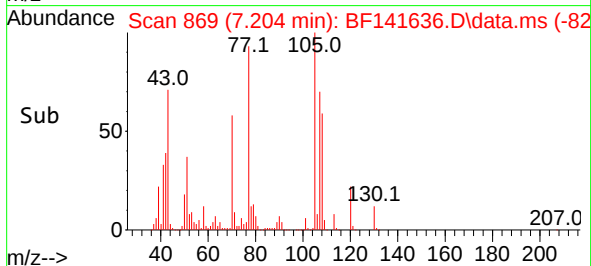
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD



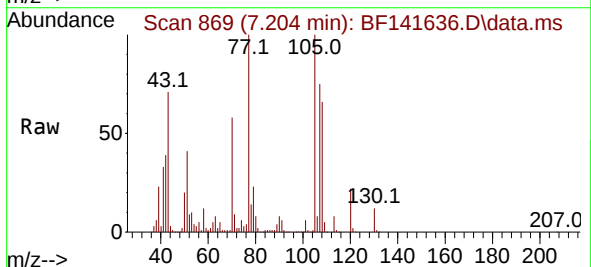
Tgt Ion: 70 Resp: 190329
Ion Ratio Lower Upper
70 100
42 67.1 57.4 86.2
101 10.1 8.0 12.0
130 21.5 16.9 25.3

Manual Integrations
APPROVED

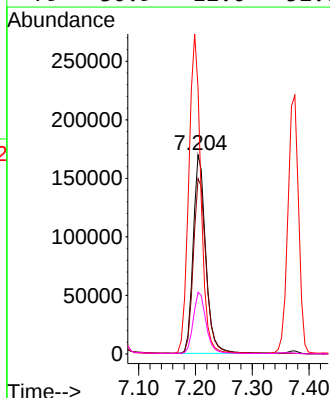
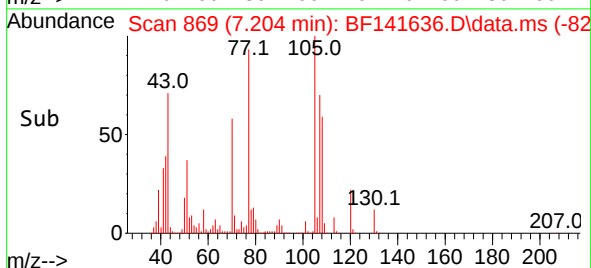
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

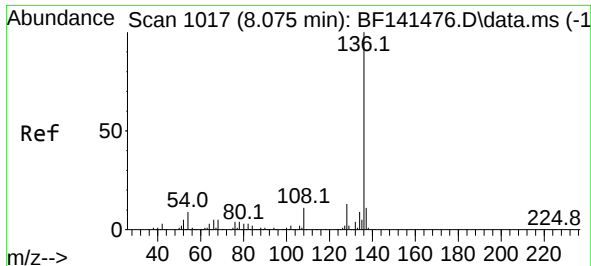


#20
3+4-Methylphenols
Concen: 44.867 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37



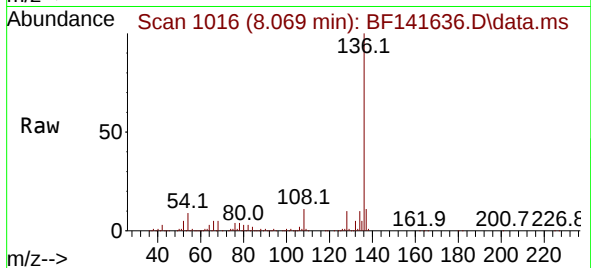
Tgt Ion:107 Resp: 261327
Ion Ratio Lower Upper
107 100
108 88.1 68.5 108.5
77 133.5 116.5 156.5
79 30.9 12.0 52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

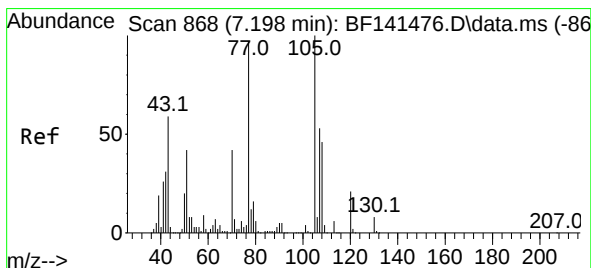
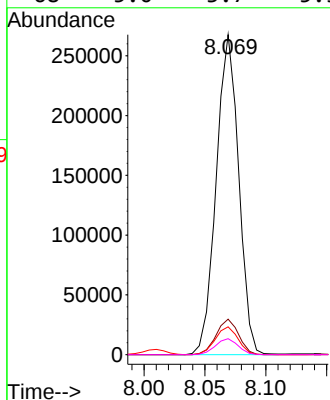
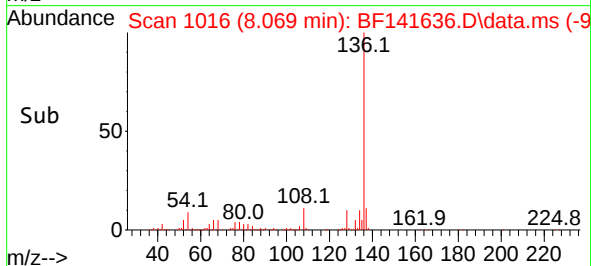
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD



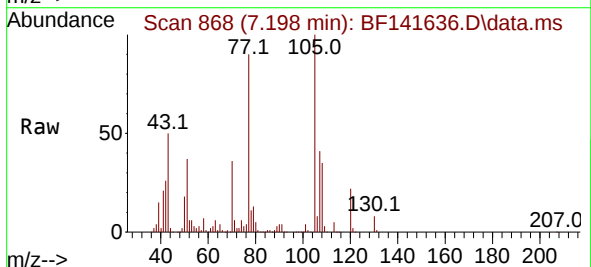
Tgt Ion:136 Resp: 344114
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.7 7.2 10.8
68 5.0 3.7 5.5

Manual Integrations
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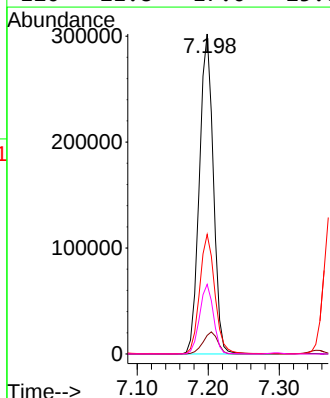
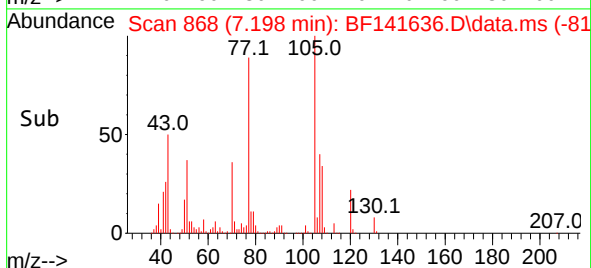
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#22
Acetophenone
Concen: 48.352 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37



Tgt Ion:105 Resp: 413898
Ion Ratio Lower Upper
105 100
71 5.8 5.7 8.5
51 37.4 33.7 50.5
120 21.8 17.0 25.6





#23

Nitrobenzene-d5

Concen: 98.545 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

Instrument :

BNA_F

ClientSampleId :

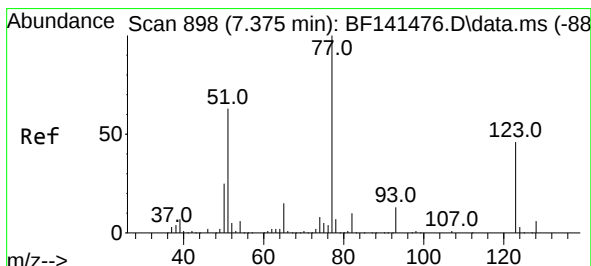
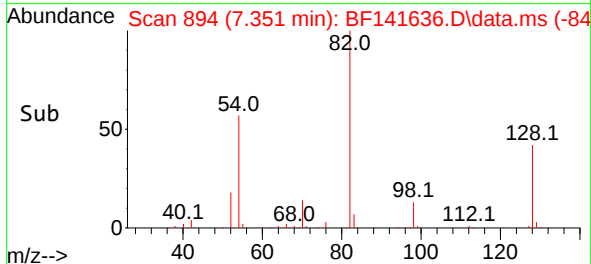
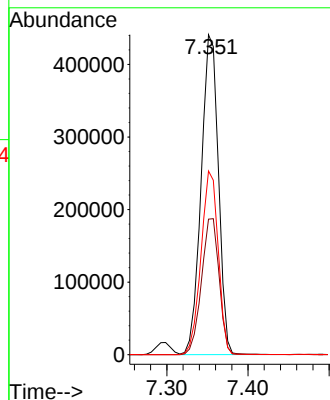
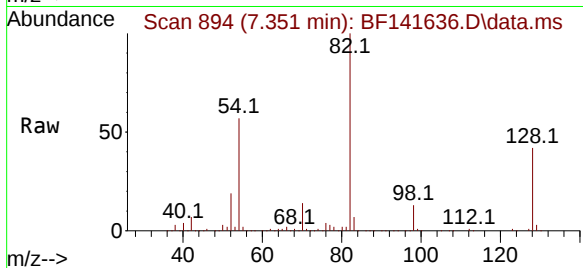
CARBON-WATERMSD

Tgt Ion: 82 Resp: 65015
 Ion Ratio Lower Upper
 82 100
 128 42.4 34.8 52.2
 54 57.4 48.2 72.4

Manual Integrations

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Reviewed By :Yogesh Patel 02/15/2025
 Supervised By :Jagrut Upadhyay 02/19/2025



#24

Nitrobenzene

Concen: 44.866 ng

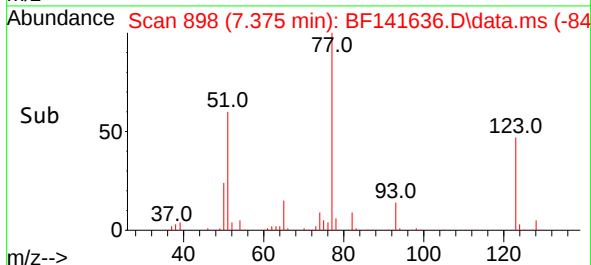
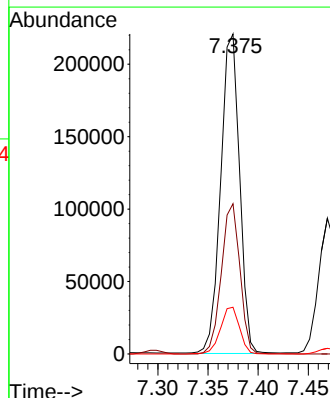
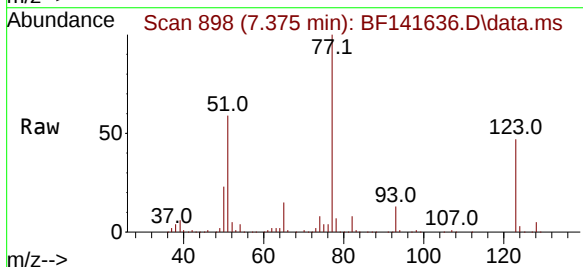
RT: 7.375 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

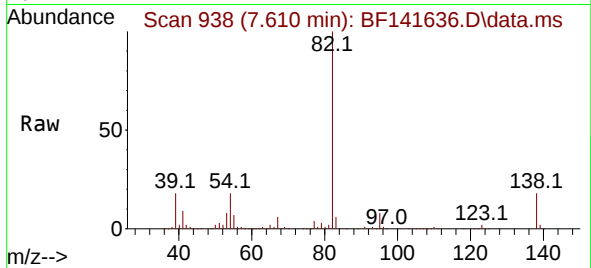
Tgt Ion: 77 Resp: 288642
 Ion Ratio Lower Upper
 77 100
 123 47.0 36.9 55.3
 65 14.6 11.9 17.9





#25
Isophorone
Concen: 47.999 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

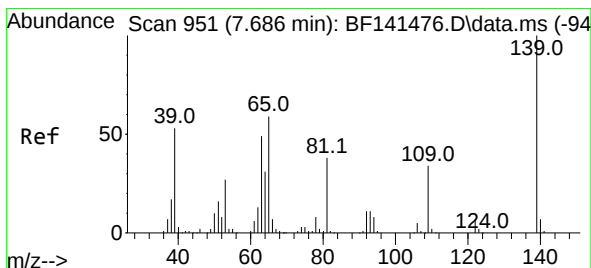
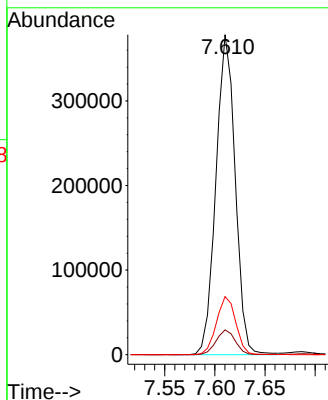
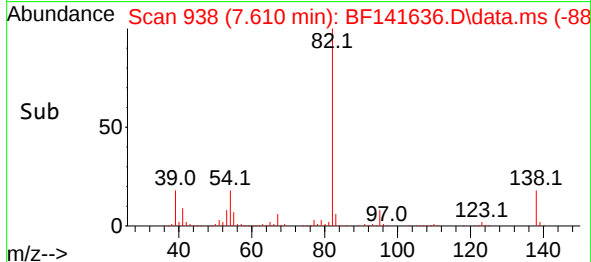
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD



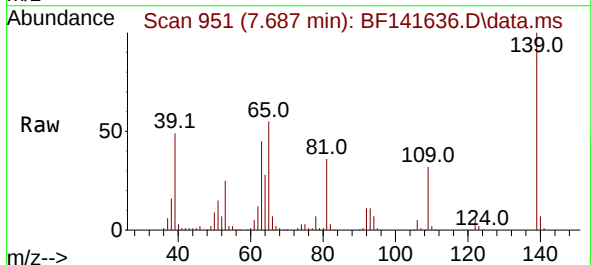
Tgt Ion: 82 Resp: 504925
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 18.2 13.9 20.9

Manual Integrations
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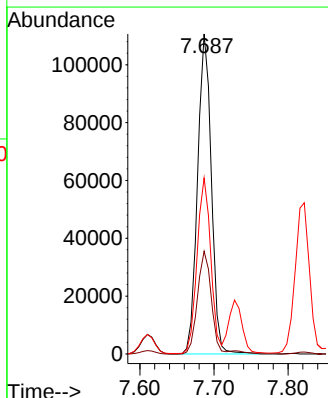
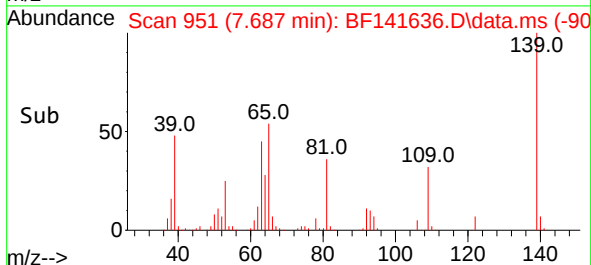
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#26
2-Nitrophenol
Concen: 44.742 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37



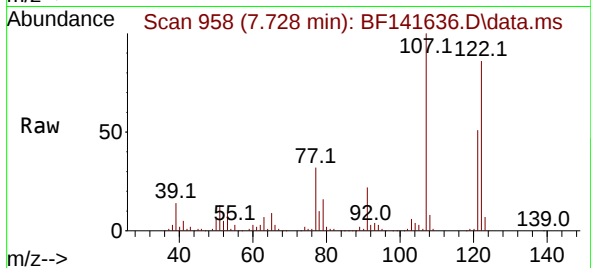
Tgt Ion:139 Resp: 143208
Ion Ratio Lower Upper
139 100
109 32.1 27.0 40.6
65 55.0 47.1 70.7





#27
2,4-Dimethylphenol
Concen: 58.159 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

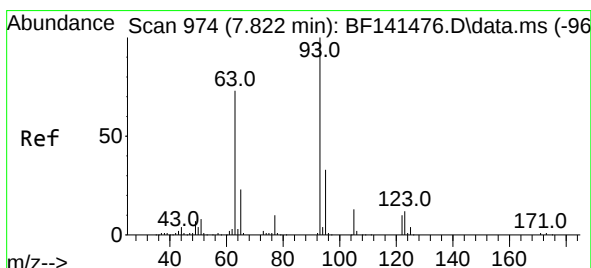
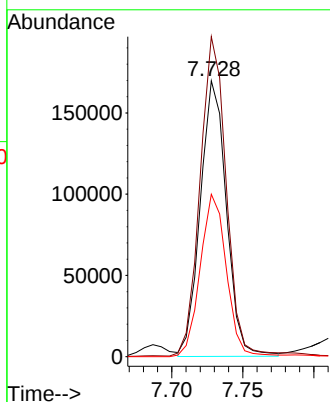
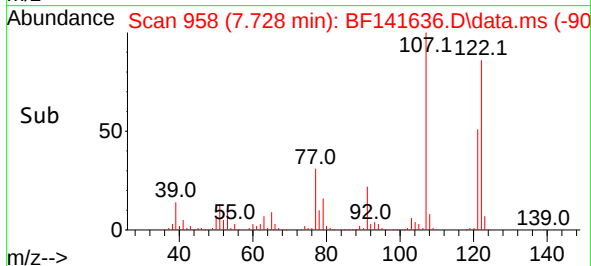
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD



Tgt Ion:122 Resp: 217464
Ion Ratio Lower Upper
122 100
107 116.0 94.3 141.5
121 58.9 46.0 69.0

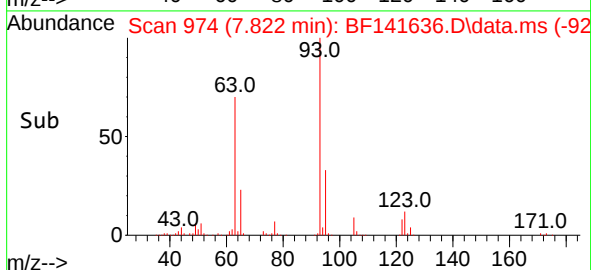
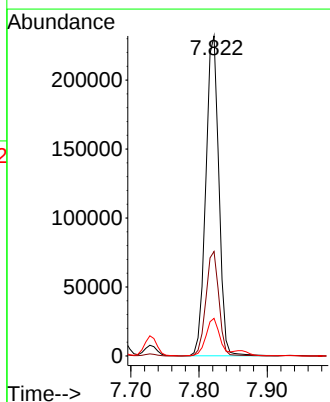
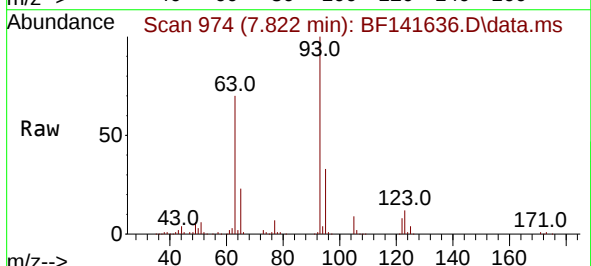
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#28
bis(2-Chloroethoxy)methane
Concen: 45.728 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

Tgt Ion: 93 Resp: 308243
Ion Ratio Lower Upper
93 100
95 32.7 26.1 39.1
123 11.7 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 45.412 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141636.D

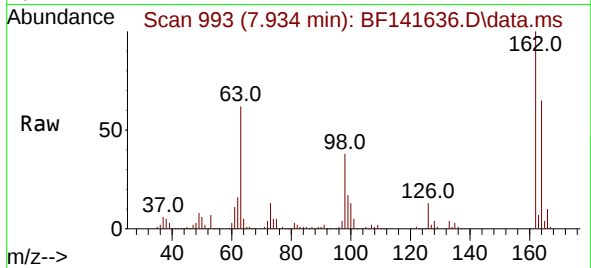
Acq: 14 Feb 2025 13:37

Instrument :

BNA_F

ClientSampleId :

CARBON-WATERMSD



Tgt Ion:162 Resp: 229425

Ion Ratio Lower Upper

162 100

164 64.6 44.6 84.6

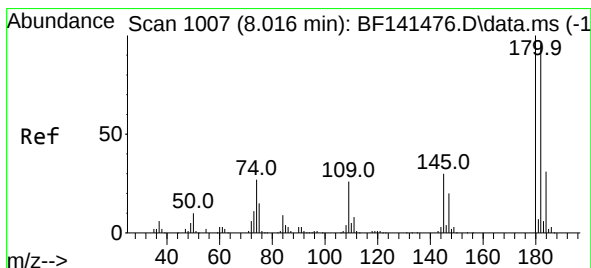
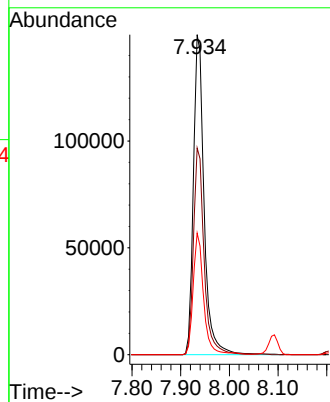
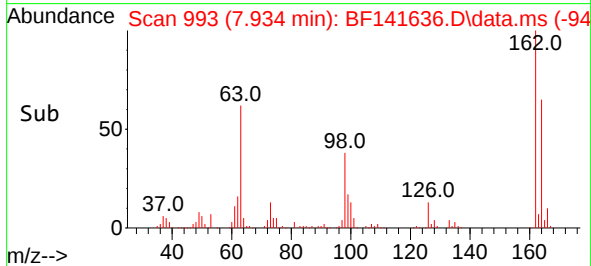
98 38.0 17.2 57.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2025

Supervised By :Jagrut Upadhyay 02/19/2025



#30

1,2,4-Trichlorobenzene

Concen: 44.078 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

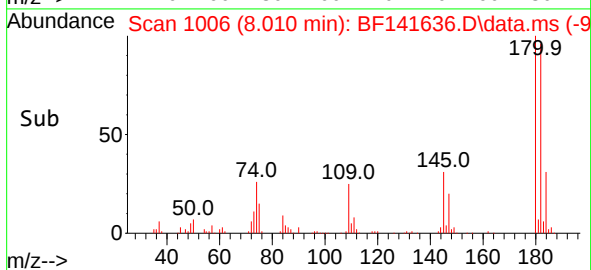
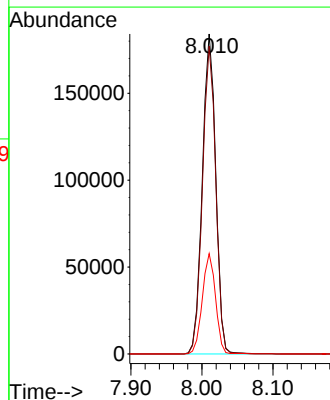
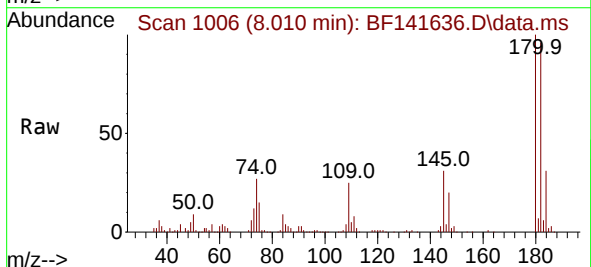
Tgt Ion:180 Resp: 242498

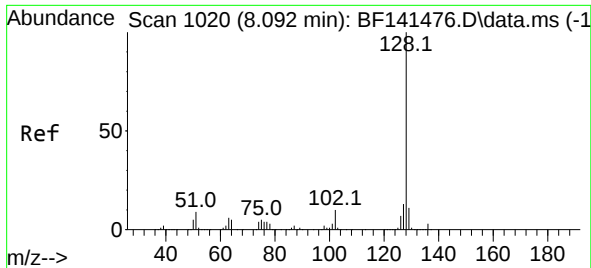
Ion Ratio Lower Upper

180 100

182 96.2 76.8 115.2

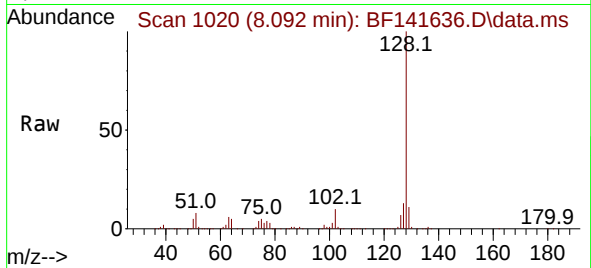
145 31.4 24.2 36.4





#31
Naphthalene
Concen: 43.465 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

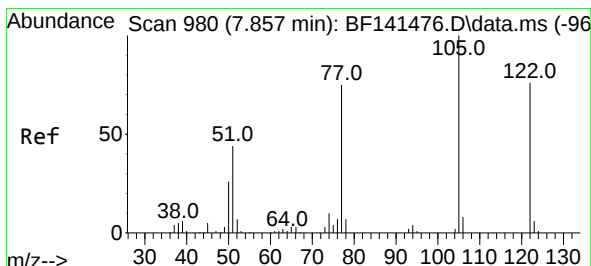
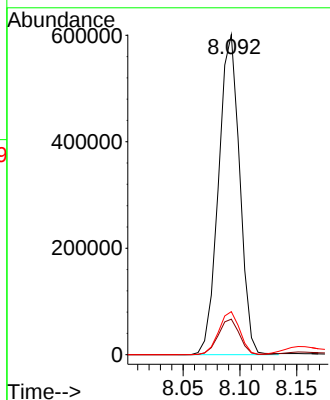
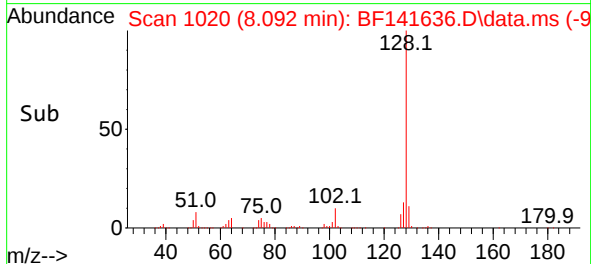
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD



Tgt Ion:128 Resp: 778564
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.5 10.7 16.1

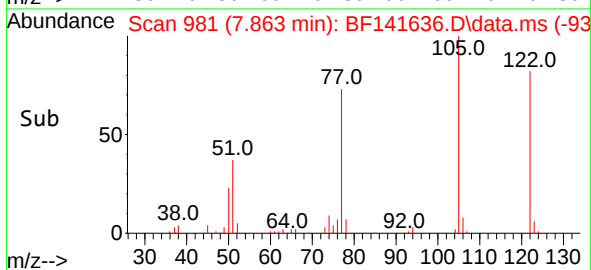
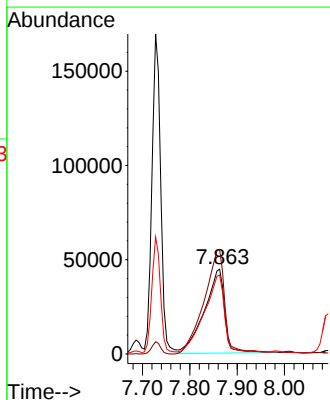
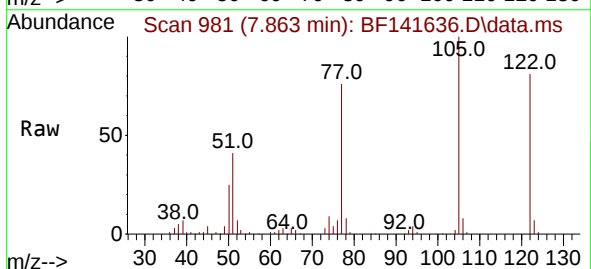
Manual Integrations
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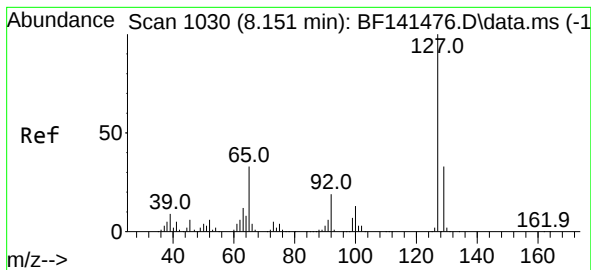
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#32
Benzoic acid
Concen: 34.078 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.029 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

Tgt Ion:122 Resp: 132353
Ion Ratio Lower Upper
122 100
105 123.1 106.5 146.5
77 93.2 76.3 116.3





#33

4-Chloroaniline

Concen: 7.586 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

Instrument :

BNA_F

ClientSampleId :

CARBON-WATERMSD

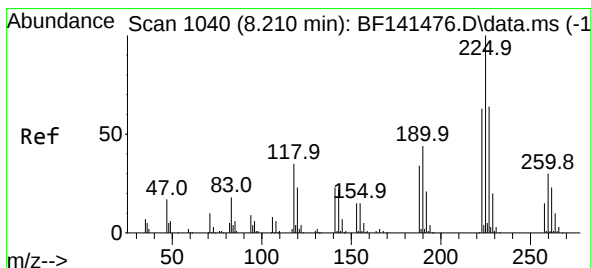
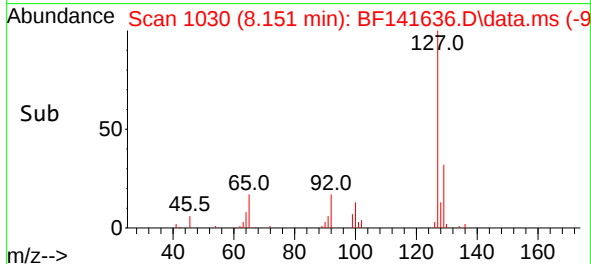
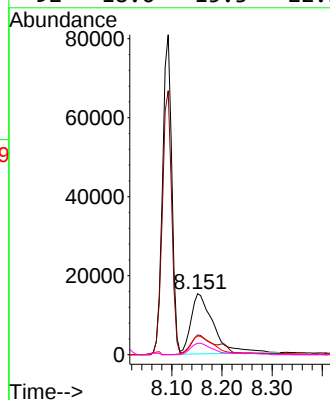
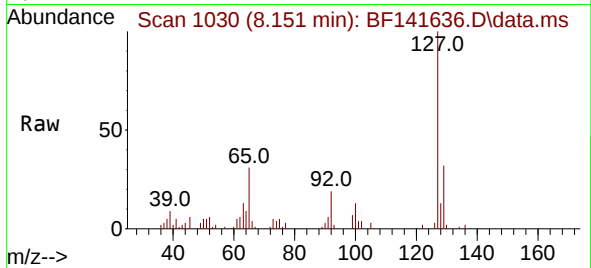
Tgt Ion:	127	Resp:	4744
Ion Ratio	Lower	Upper	
127	100		
129	32.2	26.5	39.7
65	30.6	26.4	39.6
92	18.6	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2025

Supervised By :Jagrut Upadhyay 02/19/2025



#34

Hexachlorobutadiene

Concen: 44.899 ng

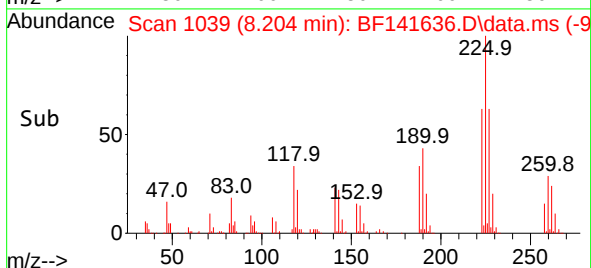
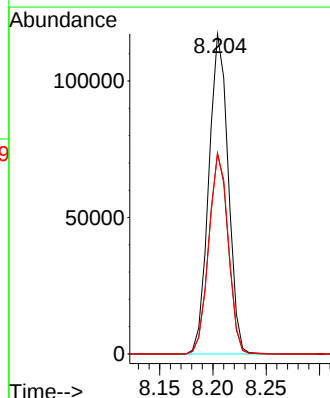
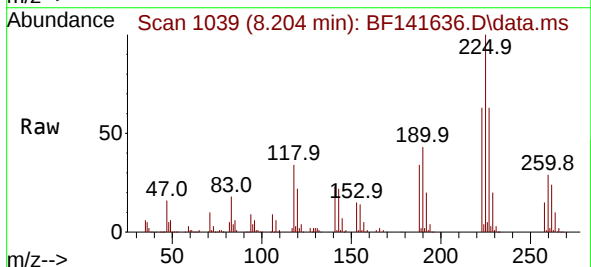
RT: 8.204 min Scan# 1039

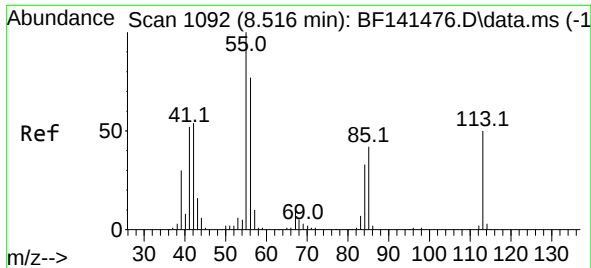
Delta R.T. -0.006 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

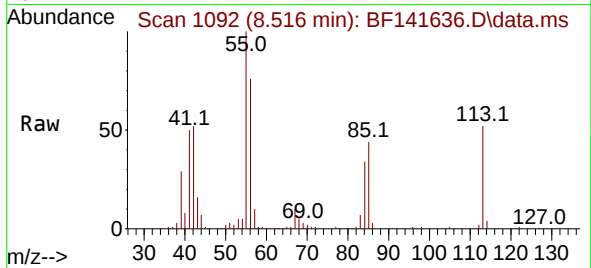
Tgt Ion:	225	Resp:	148293
Ion Ratio	Lower	Upper	
225	100		
223	62.8	50.1	75.1
227	62.7	51.0	76.6





#35
 Caprolactam
 Concen: 38.934 ng m
 RT: 8.516 min Scan# 1092
 Delta R.T. -0.029 min
 Lab File: BF141636.D
 Acq: 14 Feb 2025 13:37

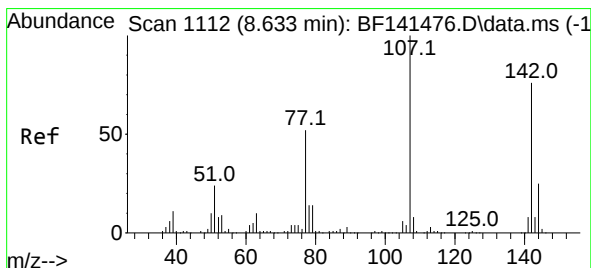
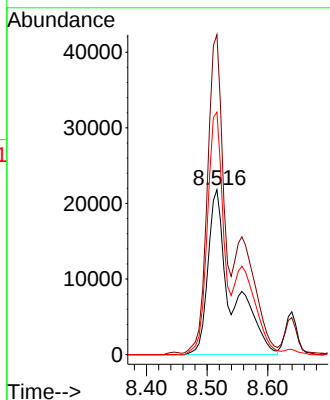
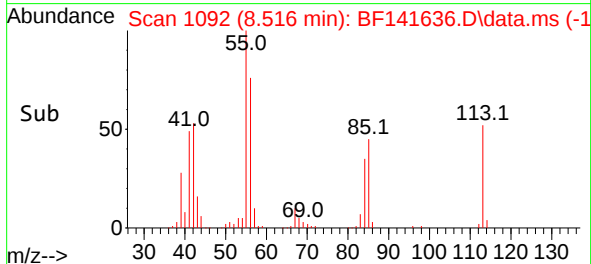
Instrument :
 BNA_F
 ClientSampleId :
 CARBON-WATERMSD



Tgt Ion:113 Resp: 59889
 Ion Ratio Lower Upper
 113 100
 55 194.1 180.8 220.8
 56 147.1 133.6 173.6

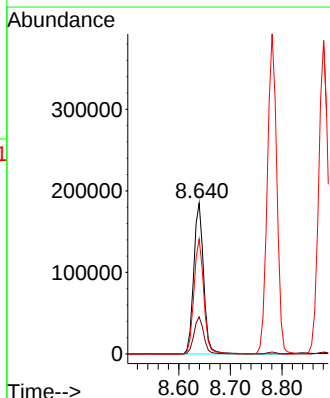
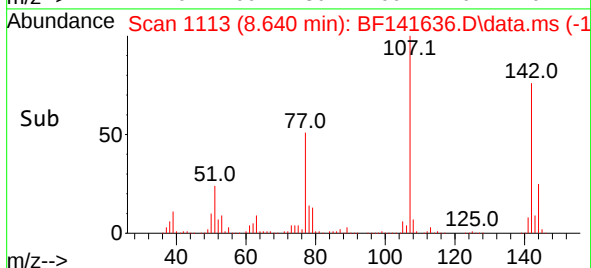
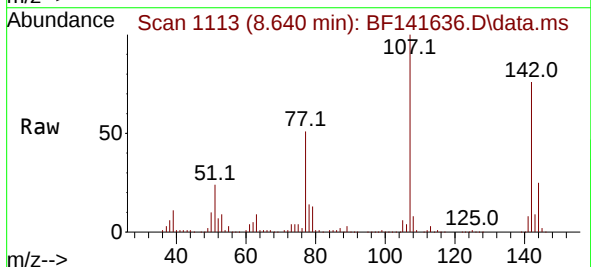
Manual Integrations
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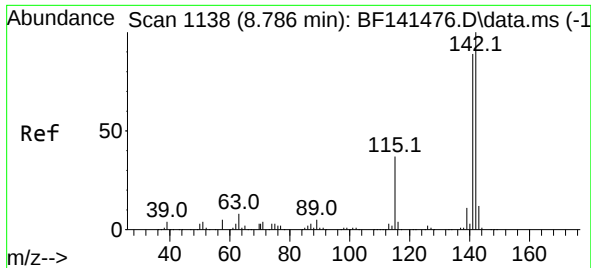
Reviewed By :Yogesh Patel 02/15/2025
 Supervised By :Jagrut Upadhyay 02/19/2025



#36
 4-Chloro-3-methylphenol
 Concen: 44.044 ng
 RT: 8.640 min Scan# 1113
 Delta R.T. 0.000 min
 Lab File: BF141636.D
 Acq: 14 Feb 2025 13:37

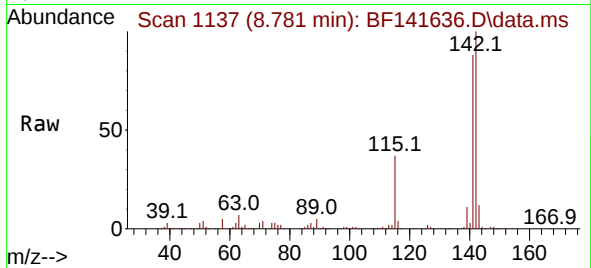
Tgt Ion:107 Resp: 246482
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.7 29.5
 142 76.2 60.8 91.2





#37
2-Methylnaphthalene
Concen: 42.725 ng
RT: 8.781 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

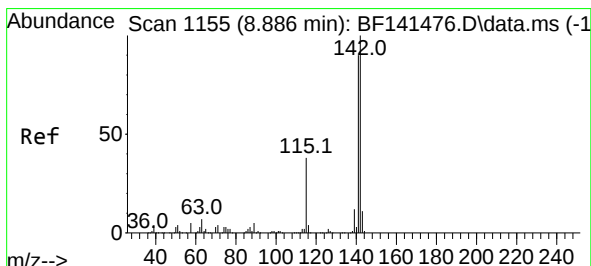
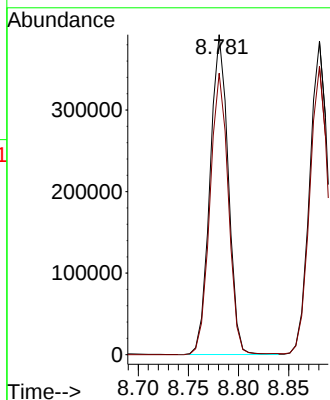
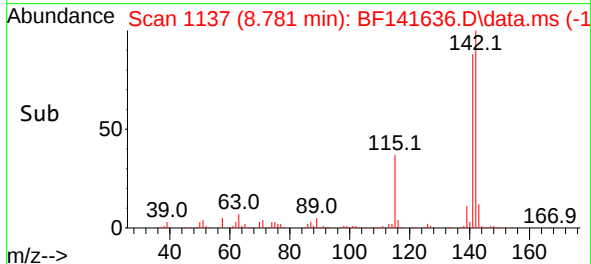
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD



Tgt Ion:142 Resp: 498009
Ion Ratio Lower Upper
142 100
141 87.9 71.2 106.8

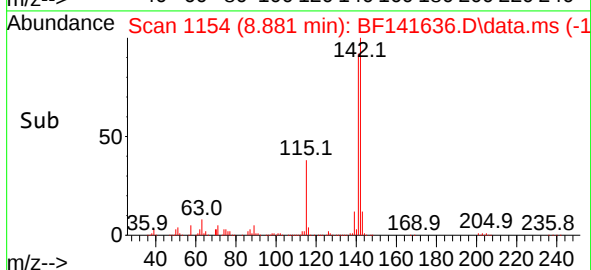
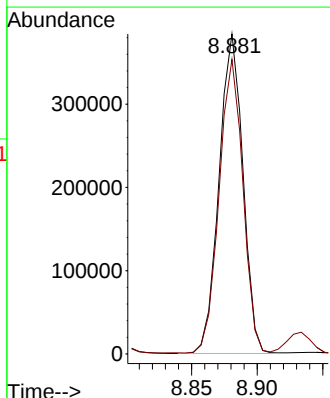
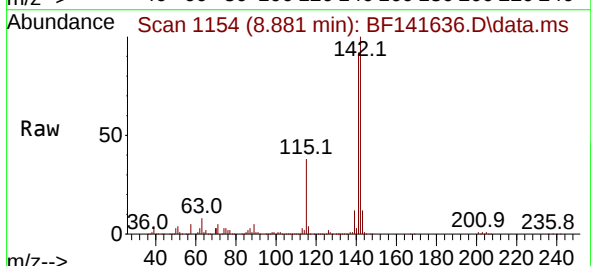
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#38
1-Methylnaphthalene
Concen: 42.922 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

Tgt Ion:142 Resp: 484567
Ion Ratio Lower Upper
142 100
141 92.0 72.1 108.1





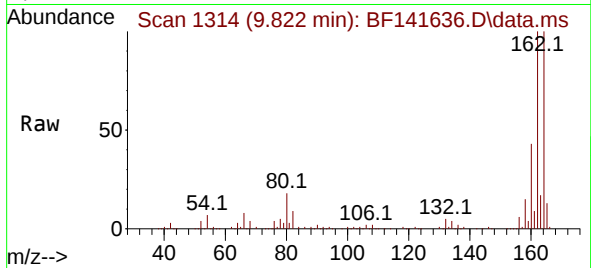
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

Instrument :

BNA_F

ClientSampleId :

CARBON-WATERMSD



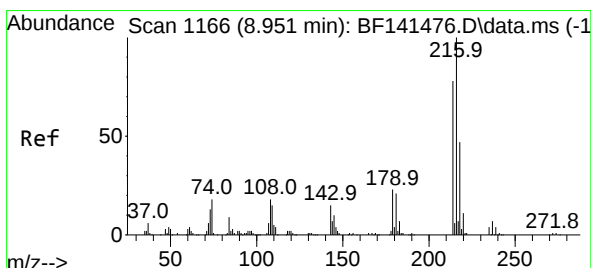
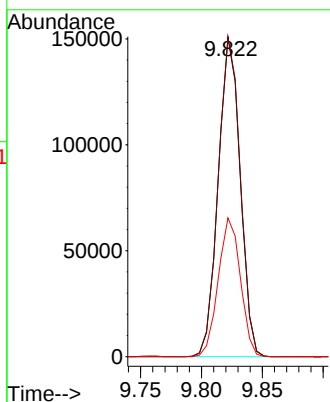
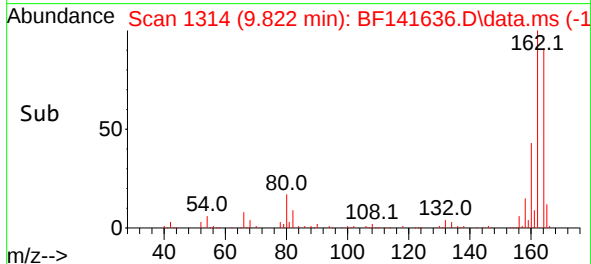
Tgt Ion:164 Resp: 188709
Ion Ratio Lower Upper
164 100
162 100.3 81.3 121.9
160 43.5 35.9 53.9

Manual Integrations

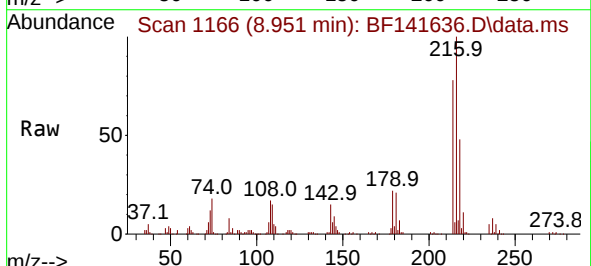
APPROVED

Reviewed By :Yogesh Patel 02/15/2025

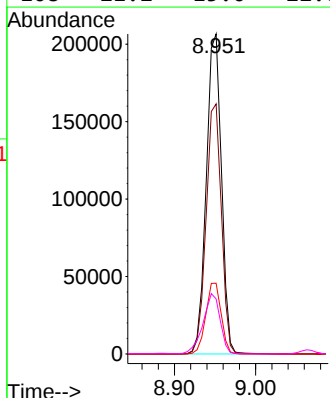
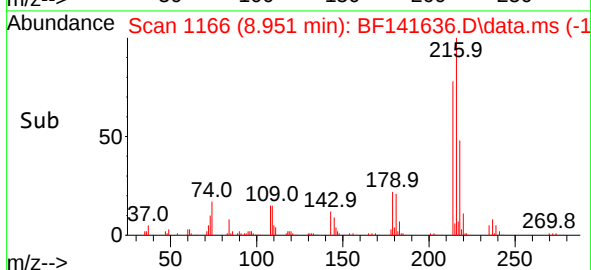
Supervised By :Jagrut Upadhyay 02/19/2025

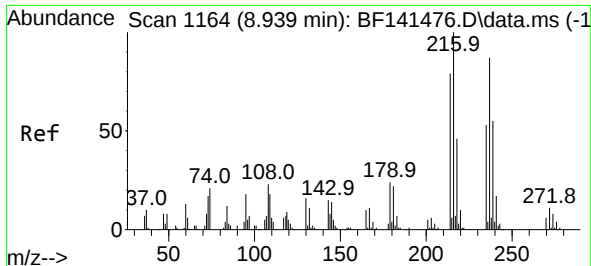


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.056 ng
RT: 8.951 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37



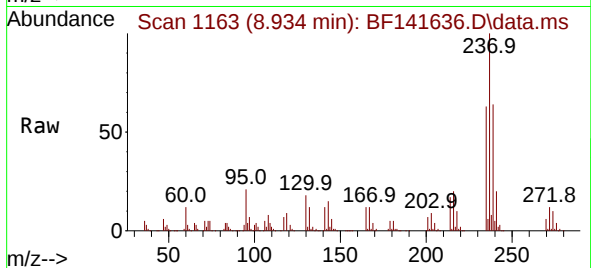
Tgt Ion:216 Resp: 267826
Ion Ratio Lower Upper
216 100
214 78.8 62.3 93.5
179 22.4 18.0 27.0
108 21.2 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 147.448 ng
RT: 8.934 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

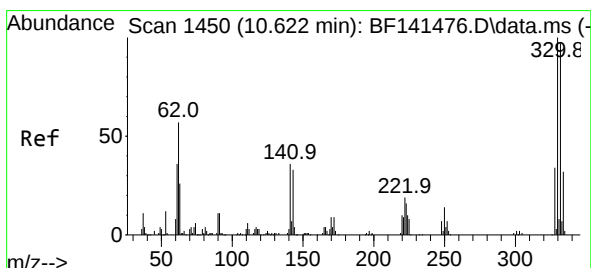
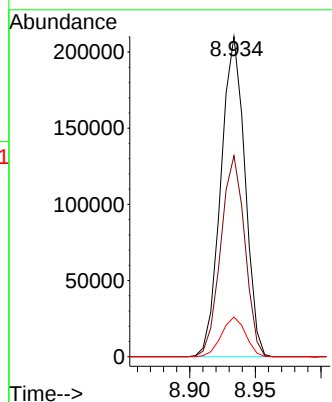
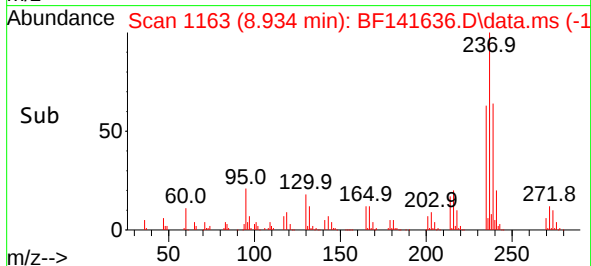
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD



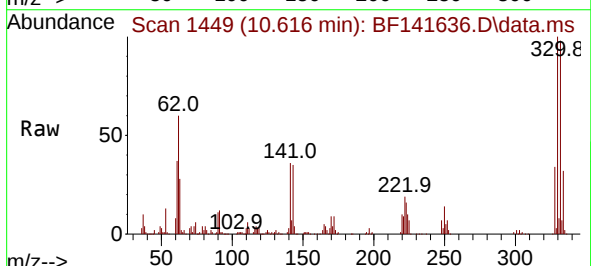
Tgt Ion:237 Resp: 26775
Ion Ratio Lower Upper
237 100
235 62.8 41.4 81.4
272 12.4 0.0 32.4

Manual Integrations
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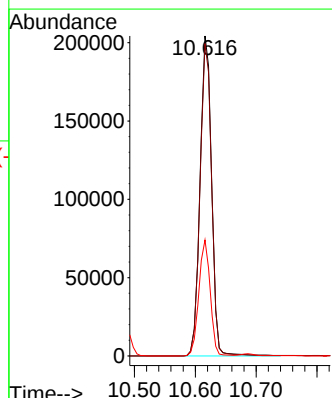
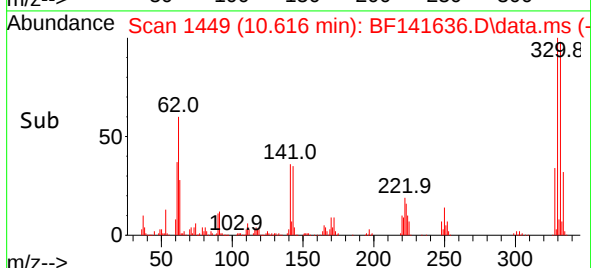
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

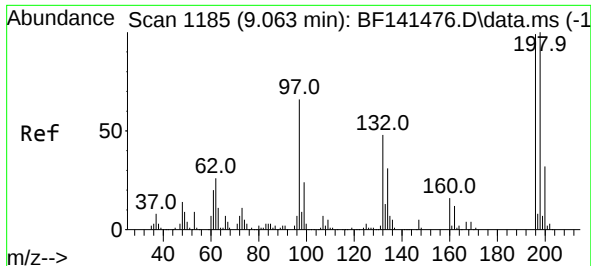


#42
2,4,6-Tribromophenol
Concen: 141.827 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37



Tgt Ion:330 Resp: 268857
Ion Ratio Lower Upper
330 100
332 97.8 78.5 117.7
141 35.7 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 45.737 ng

RT: 9.063 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF141636.D

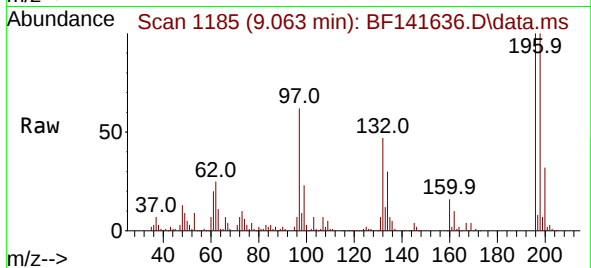
Acq: 14 Feb 2025 13:37

Instrument :

BNA_F

ClientSampleId :

CARBON-WATERMSD



Tgt Ion:196 Resp: 161389

Ion Ratio Lower Upper

196 100

198 100.1 80.6 121.0

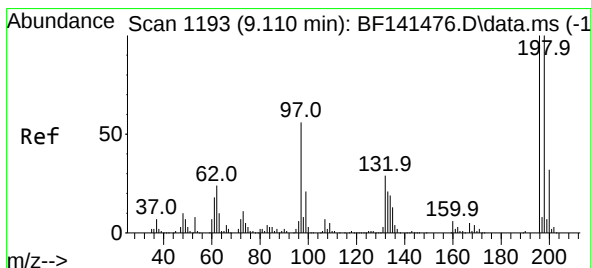
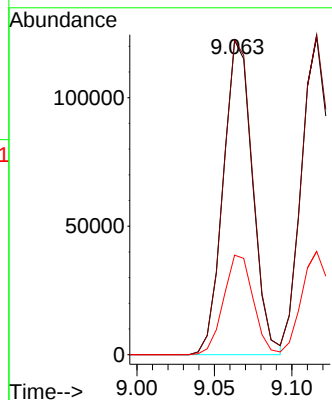
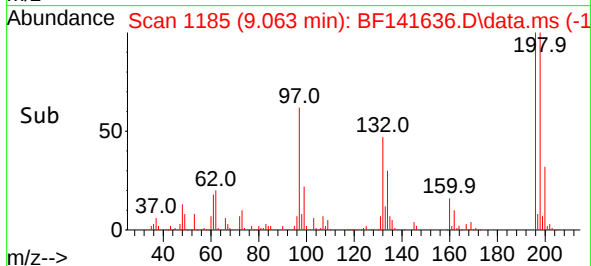
200 31.7 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2025

Supervised By :Jagrut Upadhyay 02/19/2025



#44

2,4,5-Trichlorophenol

Concen: 44.341 ng

RT: 9.116 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

Tgt Ion:196 Resp: 169569

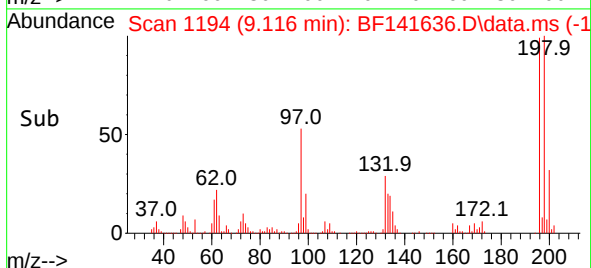
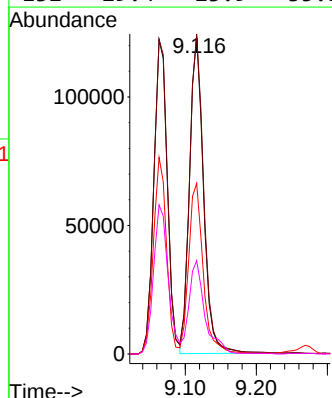
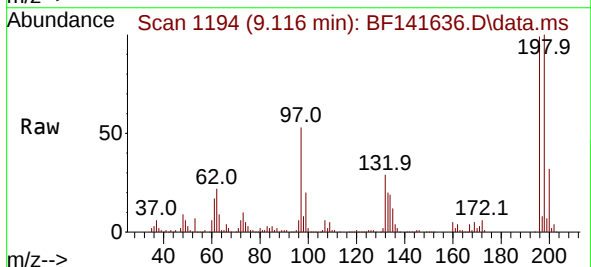
Ion Ratio Lower Upper

196 100

198 100.7 79.8 119.8

97 53.7 44.8 67.2

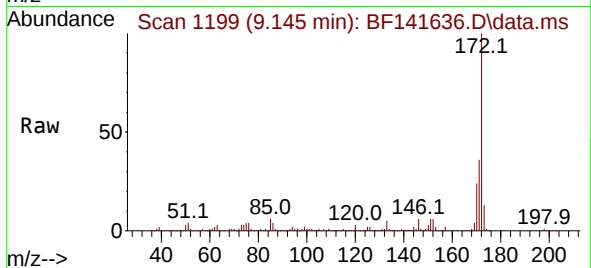
132 29.4 23.9 35.9





#45
2-Fluorobiphenyl
Concen: 95.022 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

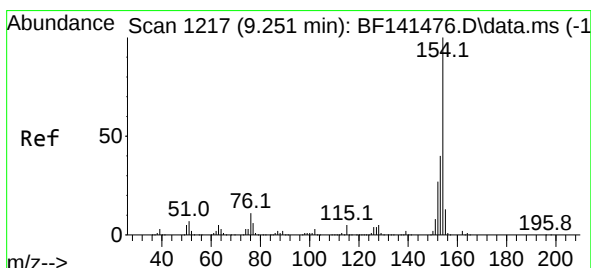
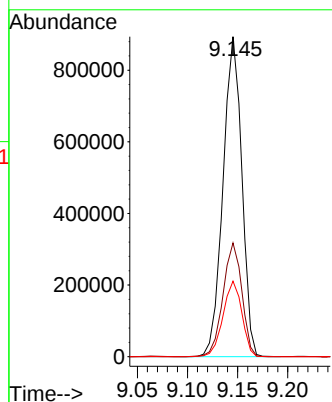
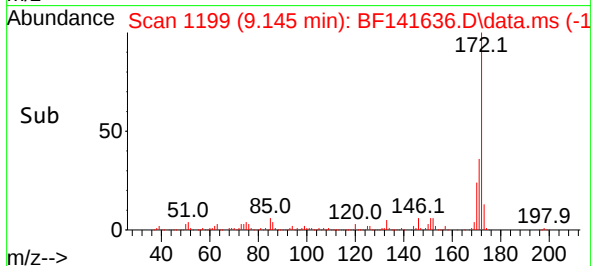
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD



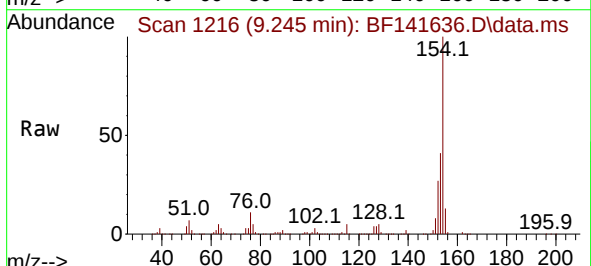
Tgt Ion:172 Resp: 1163900
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 23.6 18.9 28.3

Manual Integrations
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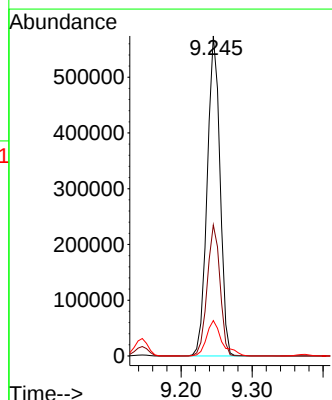
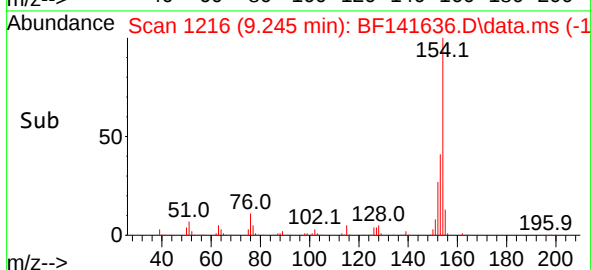
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

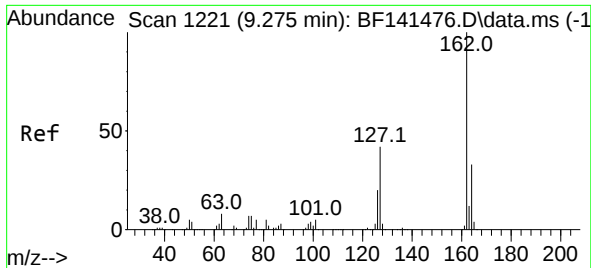


#46
1,1'-Biphenyl
Concen: 49.266 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37



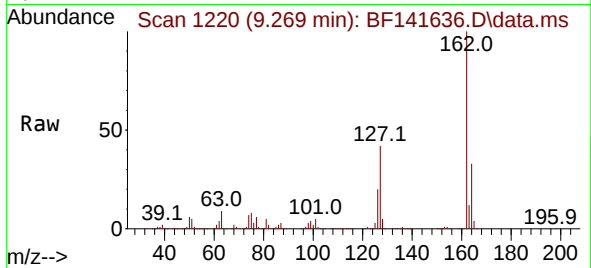
Tgt Ion:154 Resp: 720778
Ion Ratio Lower Upper
154 100
153 41.0 20.4 60.4
76 11.1 0.0 30.8





#47
2-Chloronaphthalene
Concen: 45.535 ng
RT: 9.269 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

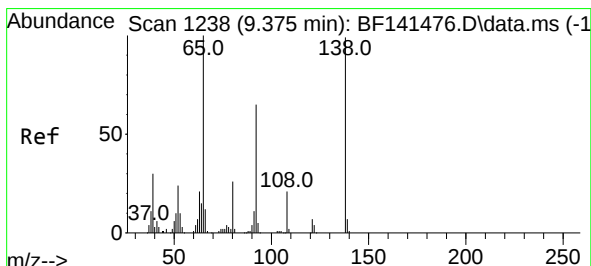
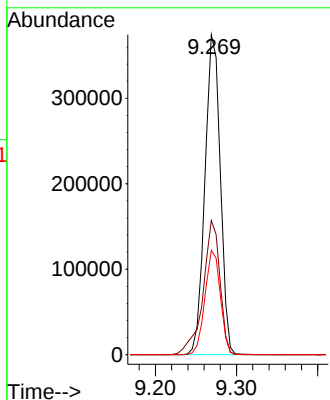
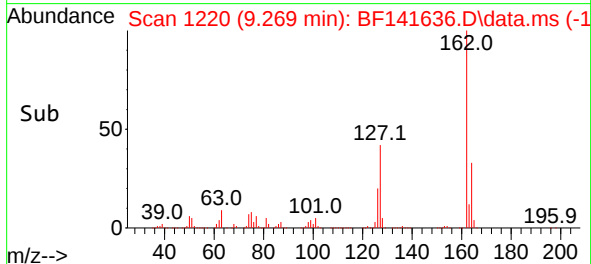
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD



Tgt Ion:162 Resp: 49263
Ion Ratio Lower Upper
162 100
127 42.0 34.1 51.1
164 32.6 26.3 39.5

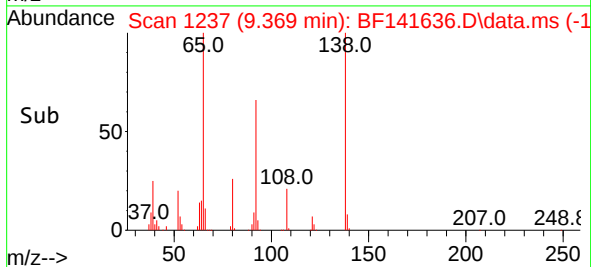
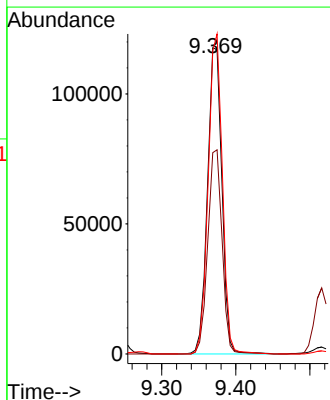
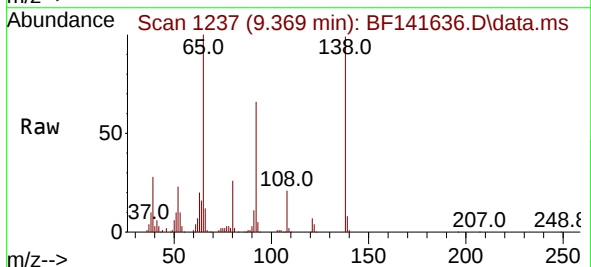
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#48
2-Nitroaniline
Concen: 43.869 ng
RT: 9.369 min Scan# 1237
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

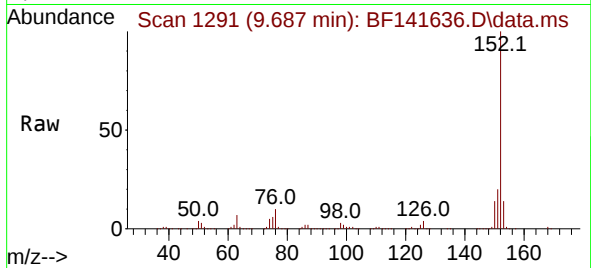
Tgt Ion: 65 Resp: 159276
Ion Ratio Lower Upper
65 100
92 65.7 52.2 78.2
138 98.9 79.5 119.3





#49
Acenaphthylene
Concen: 47.086 ng
RT: 9.687 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

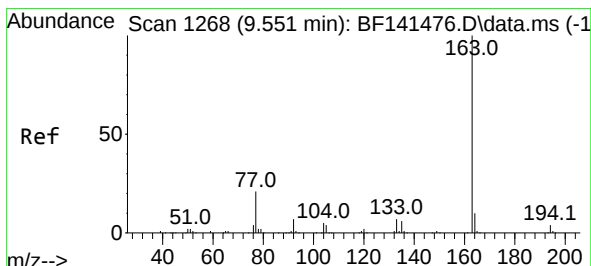
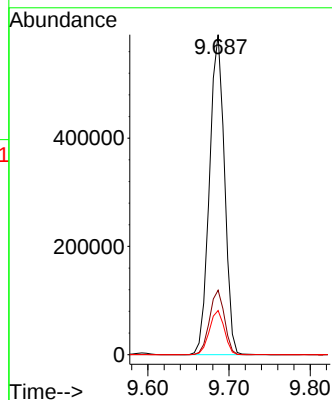
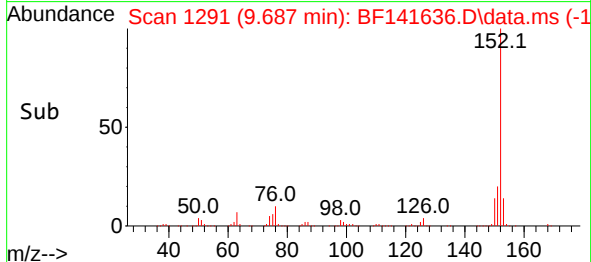
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD



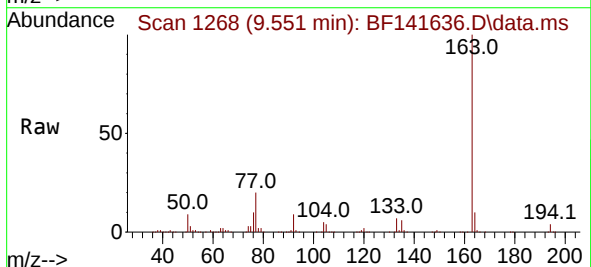
Tgt Ion:152 Resp: 757692
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6
153 13.8 10.9 16.3

Manual Integrations
APPROVED

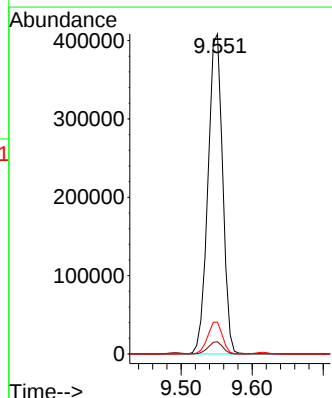
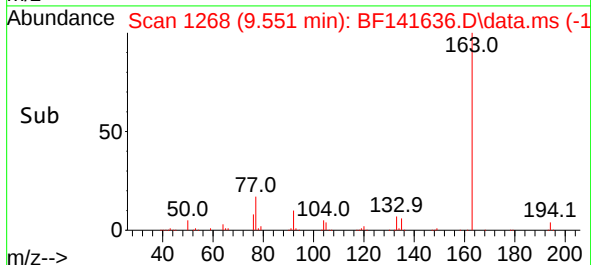
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

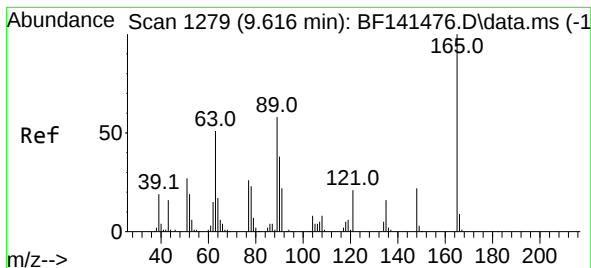


#50
Dimethylphthalate
Concen: 45.846 ng
RT: 9.551 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37



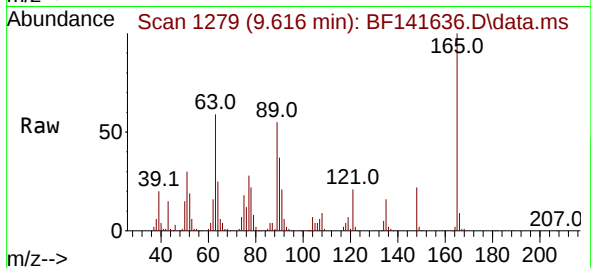
Tgt Ion:163 Resp: 587334
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.0 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 46.325 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

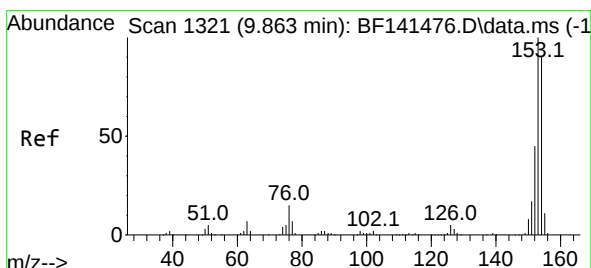
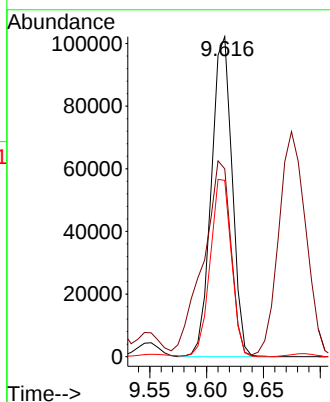
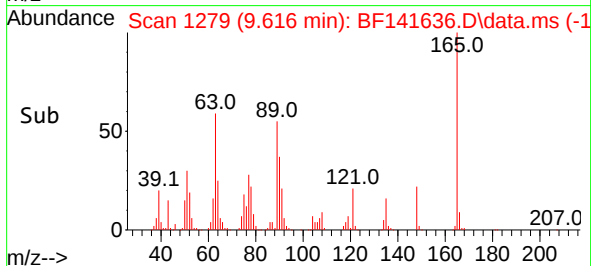
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD



Tgt Ion:165 Resp: 129730
Ion Ratio Lower Upper
165 100
63 58.7 49.4 74.0
89 55.1 46.5 69.7

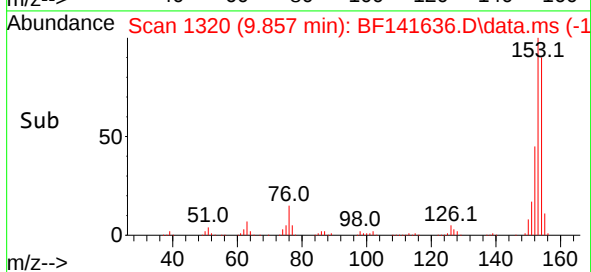
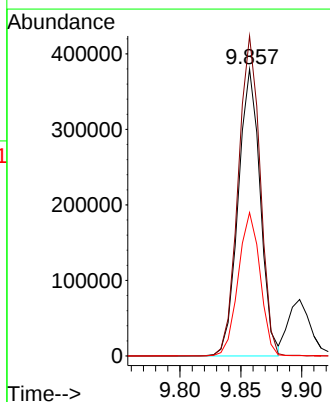
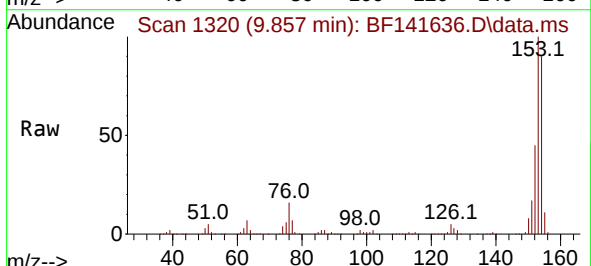
Manual Integrations
APPROVED

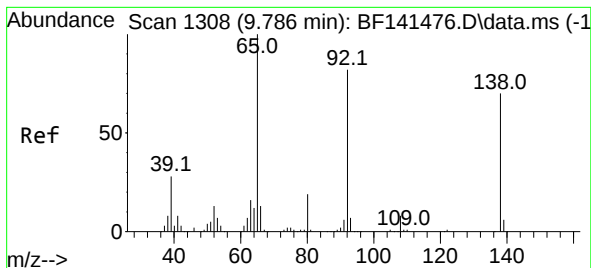
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#52
Acenaphthene
Concen: 44.175 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

Tgt Ion:154 Resp: 477895
Ion Ratio Lower Upper
154 100
153 111.6 89.2 133.8
152 50.0 39.8 59.8





#53

3-Nitroaniline

Concen: 17.475 ng

RT: 9.781 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

Instrument :

BNA_F

ClientSampleId :

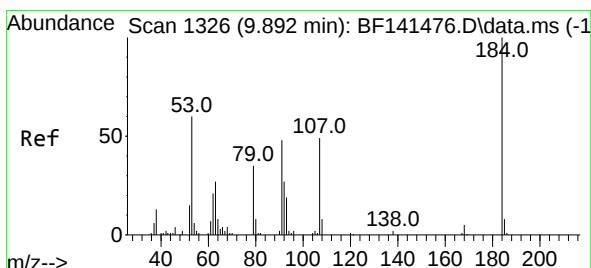
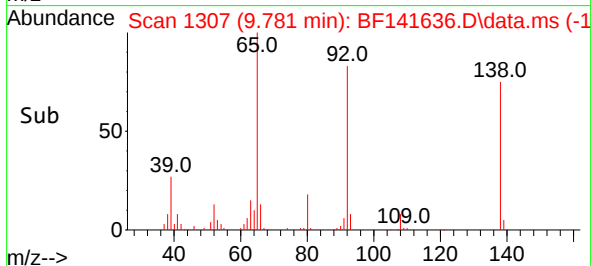
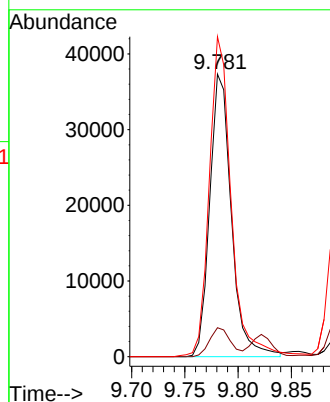
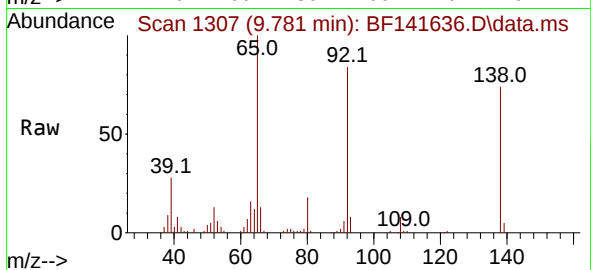
CARBON-WATERMSD

Tgt Ion:138 Resp: 5267
 Ion Ratio Lower Upper
 138 100
 108 10.2 9.0 13.4
 92 113.3 93.7 140.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2025
 Supervised By :Jagrut Upadhyay 02/19/2025



#54

2,4-Dinitrophenol

Concen: 97.264 ng

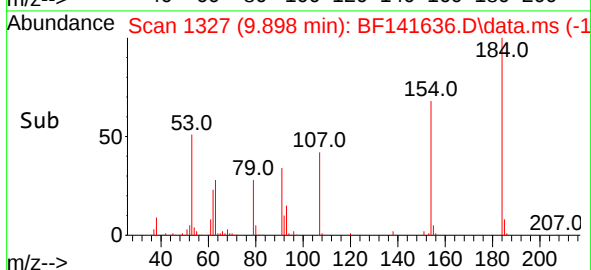
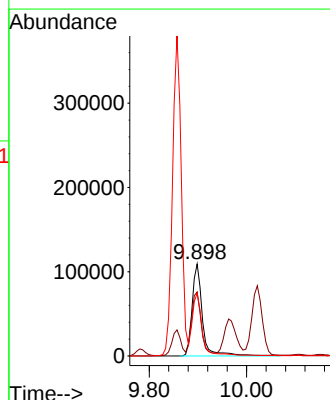
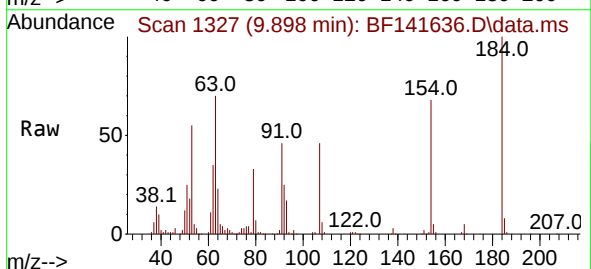
RT: 9.898 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

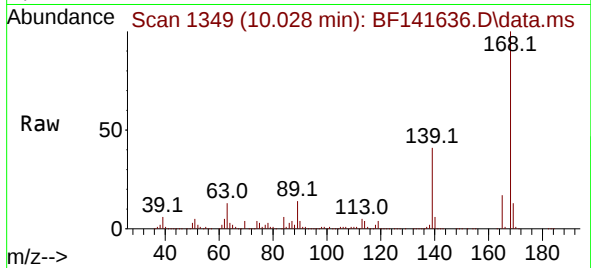
Tgt Ion:184 Resp: 161892
 Ion Ratio Lower Upper
 184 100
 63 69.5 61.0 91.6
 154 68.4 59.9 89.9





#55
Dibenzenofuran
Concen: 43.083 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

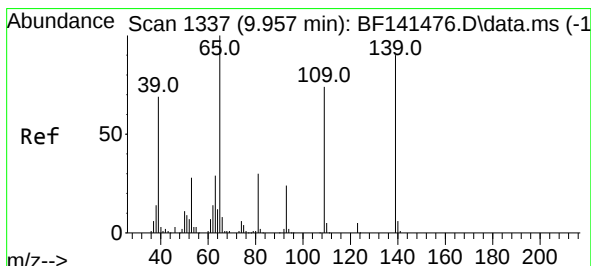
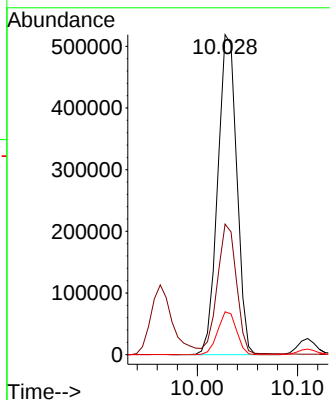
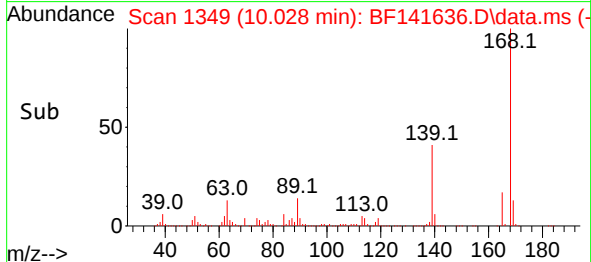
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD



Tgt Ion:168 Resp: 68412
Ion Ratio Lower Upper
168 100
139 40.8 32.7 49.1
169 13.4 10.8 16.2

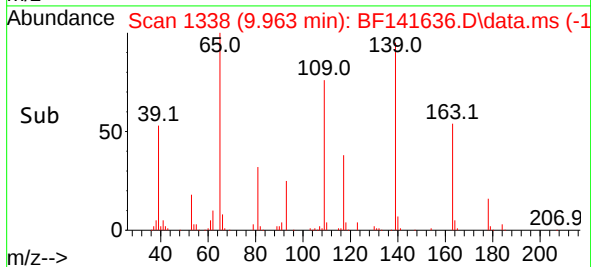
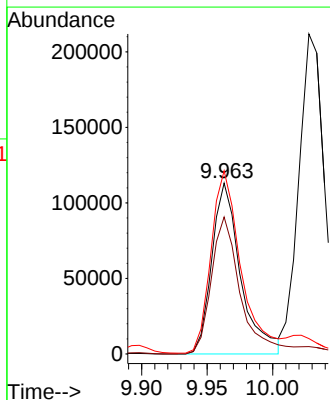
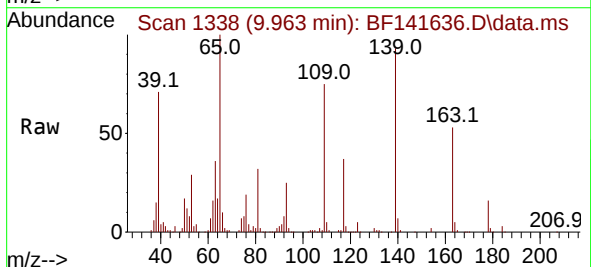
Manual Integrations
APPROVED

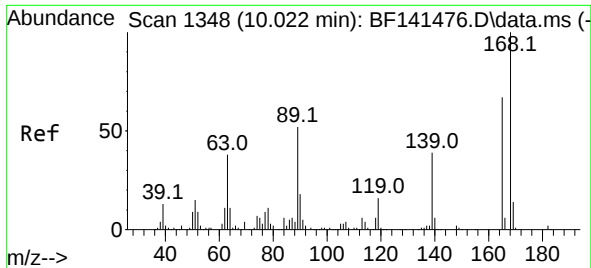
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#56
4-Nitrophenol
Concen: 77.535 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

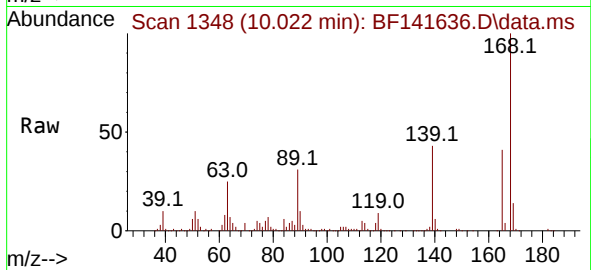
Tgt Ion:139 Resp: 173490
Ion Ratio Lower Upper
139 100
109 80.1 62.0 102.0
65 107.2 91.2 131.2





#57
2,4-Dinitrotoluene
Concen: 47.056 ng
RT: 10.022 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

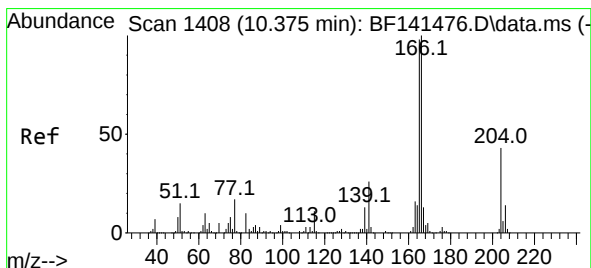
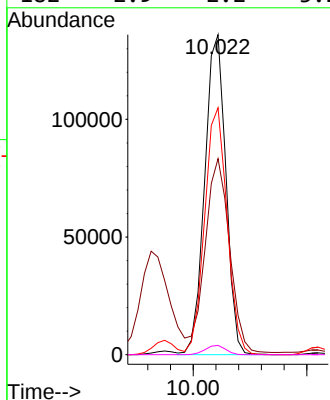
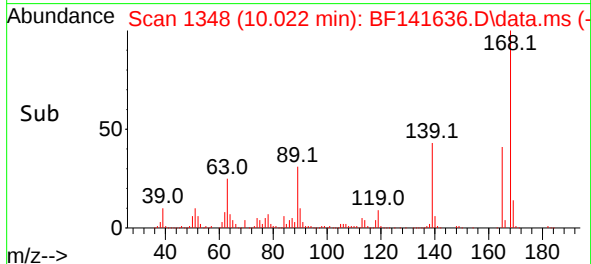
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD



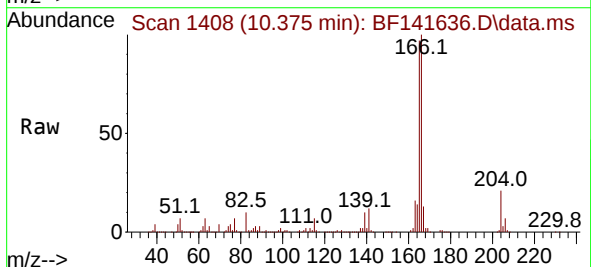
Tgt Ion:165 Resp: 175438
Ion Ratio Lower Upper
165 100
63 61.3 46.4 69.6
89 77.2 61.8 92.6
182 2.9 2.2 3.2

Manual Integrations
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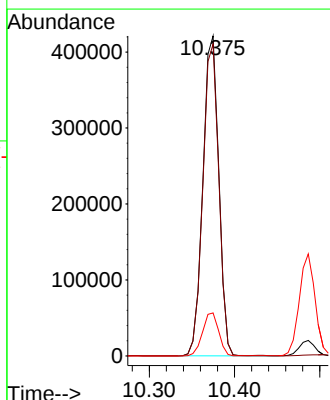
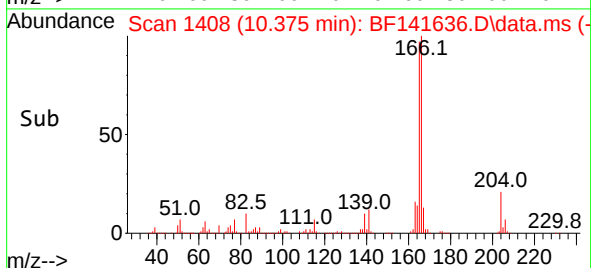
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#58
Fluorene
Concen: 44.481 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37



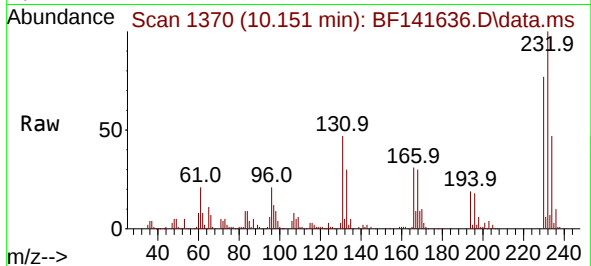
Tgt Ion:166 Resp: 546127
Ion Ratio Lower Upper
166 100
165 97.4 78.2 117.2
167 13.5 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.667 ng
RT: 10.151 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

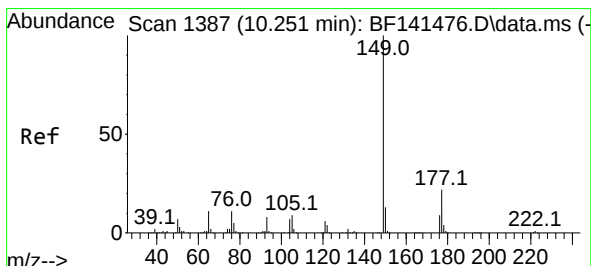
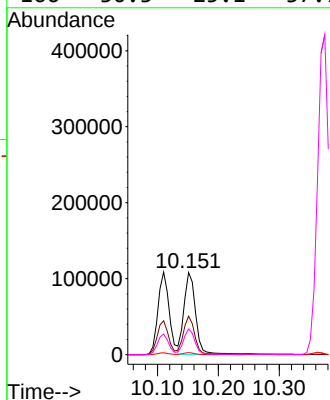
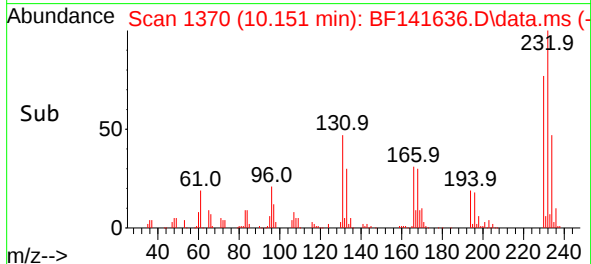
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD



Tgt Ion:232 Resp: 143768
Ion Ratio Lower Upper
232 100
131 46.5 39.2 58.8
130 2.5 2.1 3.1
166 30.3 25.1 37.7

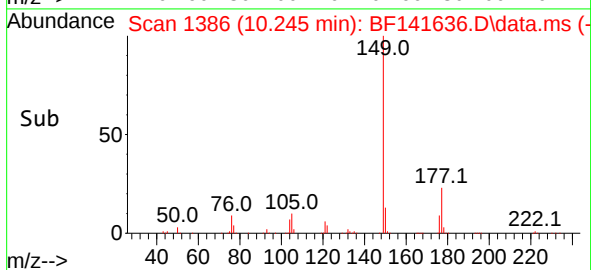
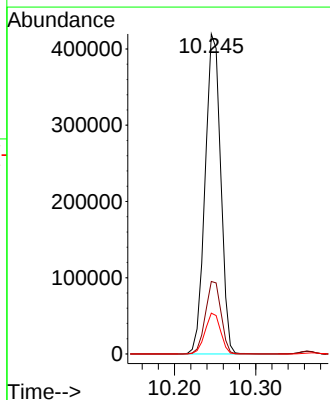
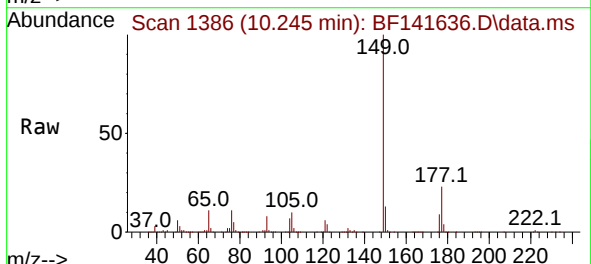
Manual Integrations
APPROVED

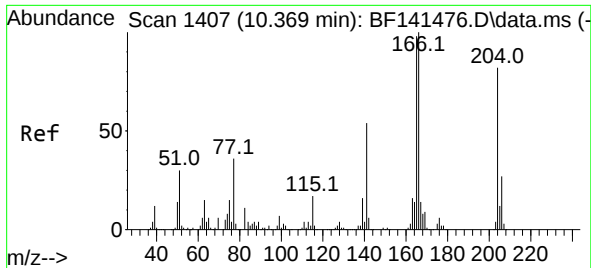
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#60
Diethylphthalate
Concen: 44.254 ng
RT: 10.245 min Scan# 1386
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

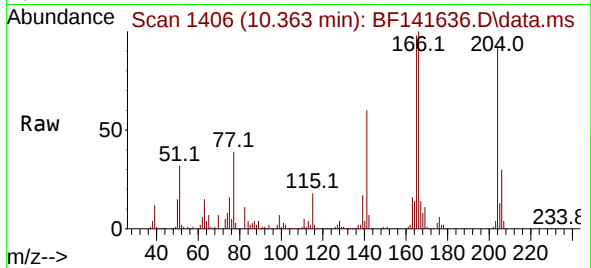
Tgt Ion:149 Resp: 557799
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.6
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 44.392 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

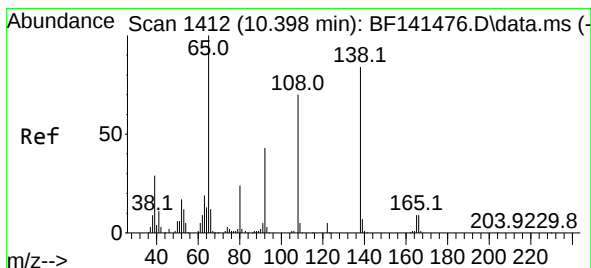
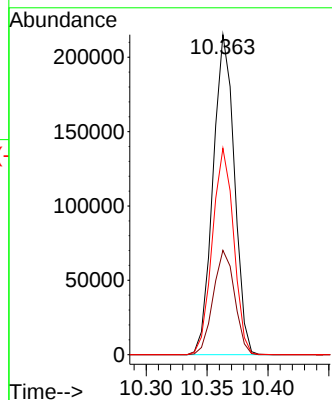
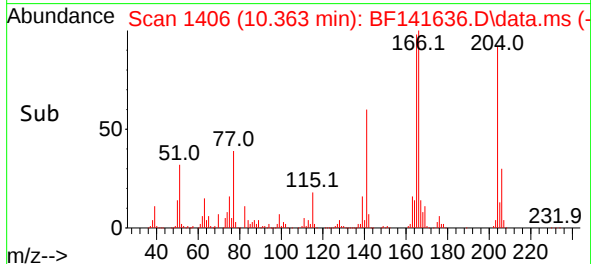
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD



Tgt Ion:204 Resp: 262210
Ion Ratio Lower Upper
204 100
206 32.6 26.6 40.0
141 64.5 51.9 77.9

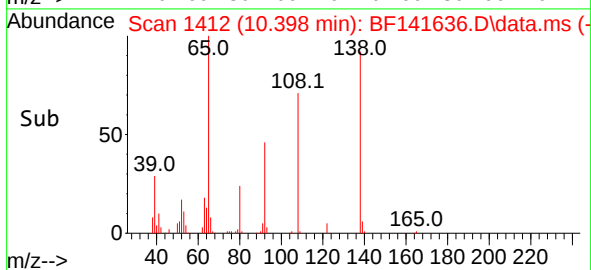
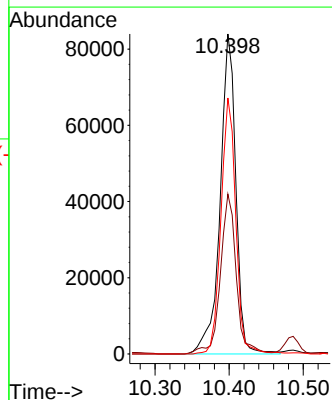
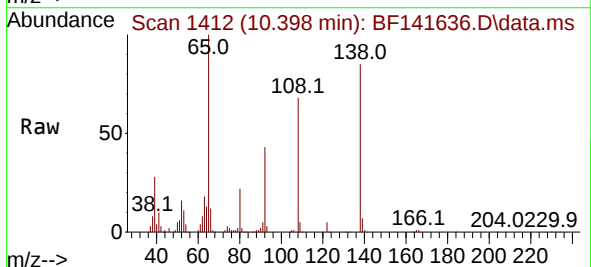
Manual Integrations
APPROVED

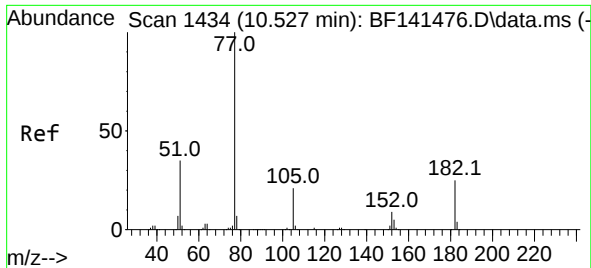
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#62
4-Nitroaniline
Concen: 40.505 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.017 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

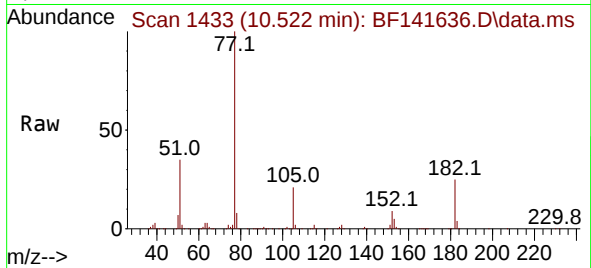
Tgt Ion:138 Resp: 123974
Ion Ratio Lower Upper
138 100
92 49.9 31.3 71.3
108 80.0 63.7 103.7





#63
Azobenzene
Concen: 42.854 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

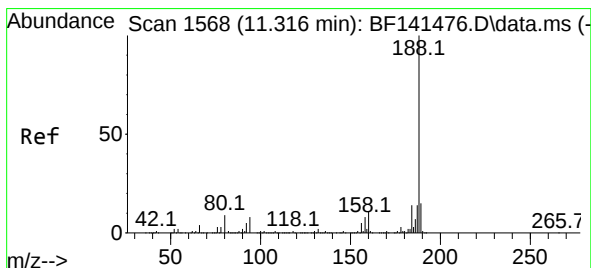
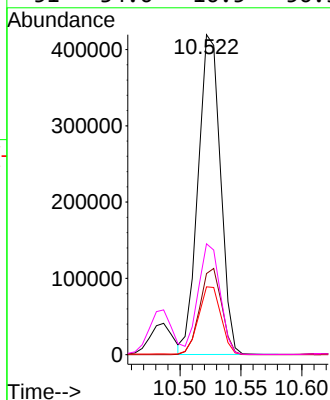
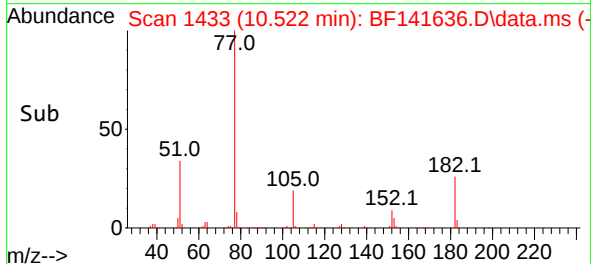
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD



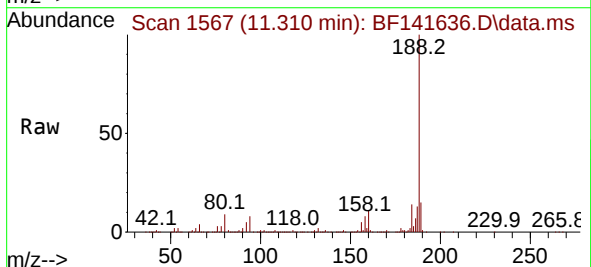
Tgt Ion: 77 Resp: 536984
Ion Ratio Lower Upper
77 100
182 25.4 4.7 44.7
105 21.2 0.4 40.4
51 34.6 16.5 56.5

Manual Integrations
APPROVED

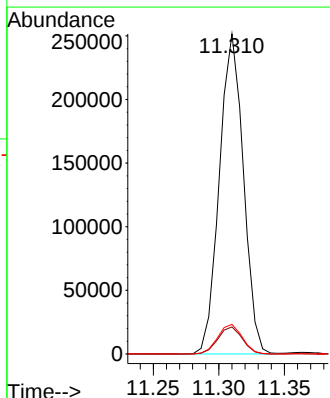
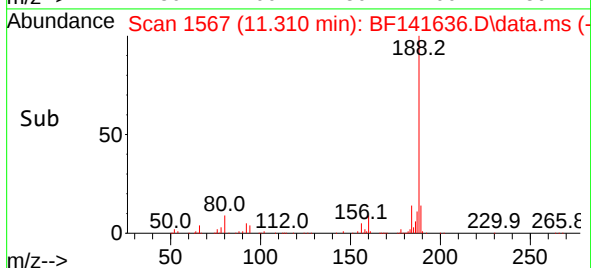
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37



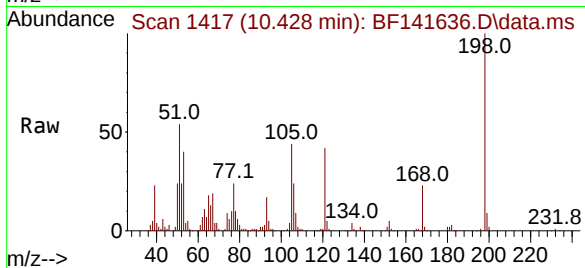
Tgt Ion:188 Resp: 320276
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.3 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 46.096 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

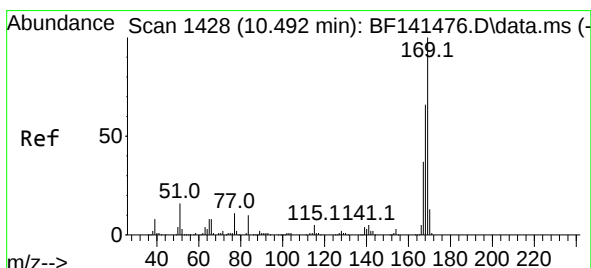
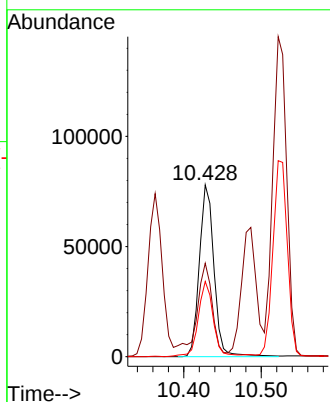
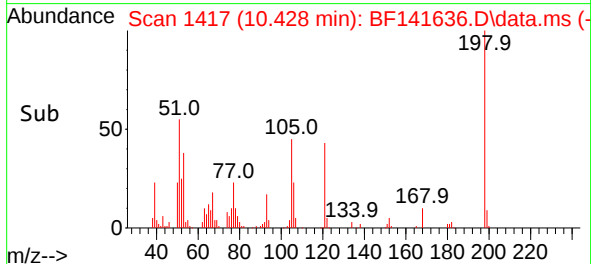
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD



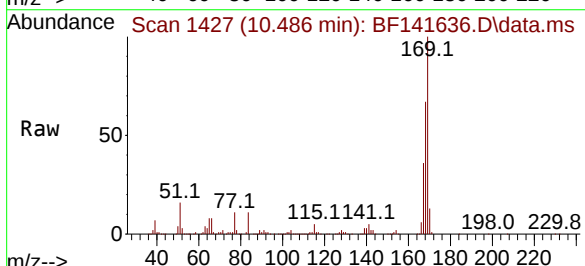
Tgt Ion:198 Resp: 10255
Ion Ratio Lower Upper
198 100
51 54.4 37.4 77.4
105 43.8 25.2 65.2

Manual Integrations
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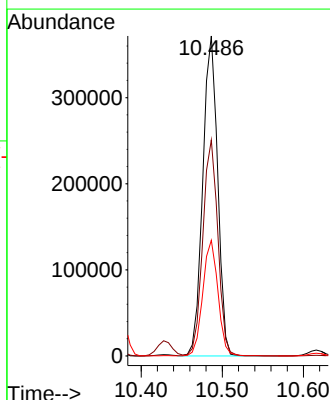
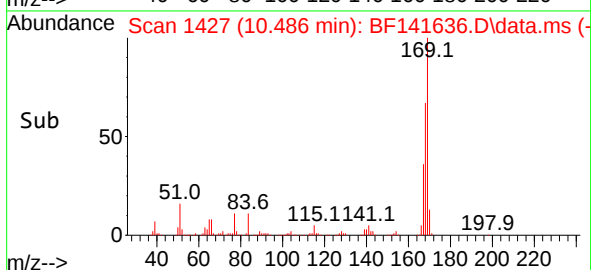
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

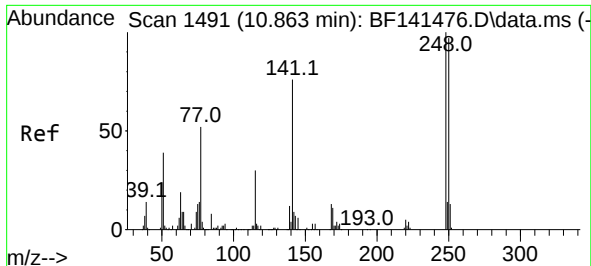


#66
n-Nitrosodiphenylamine
Concen: 46.072 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37



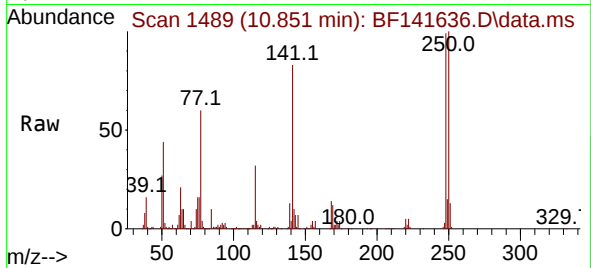
Tgt Ion:169 Resp: 472341
Ion Ratio Lower Upper
169 100
168 67.5 53.3 79.9
167 36.1 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 45.402 ng
RT: 10.851 min Scan# 1491
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

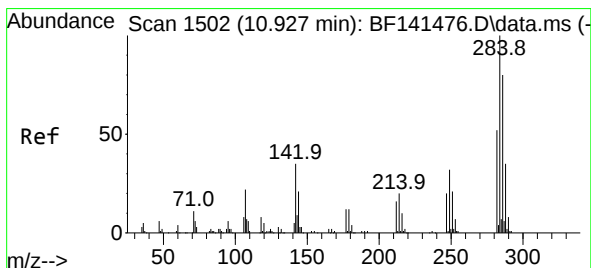
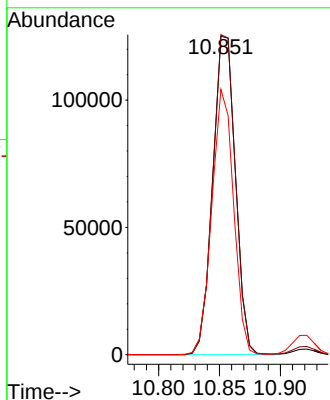
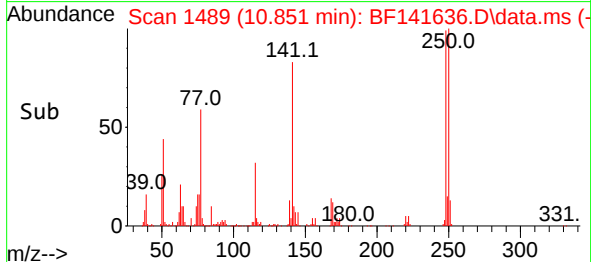
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD



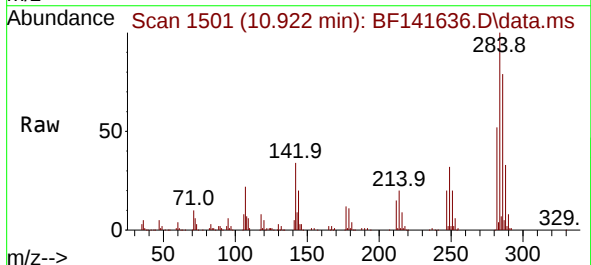
Tgt Ion:248 Resp: 16251
Ion Ratio Lower Upper
248 100
250 100.5 77.8 116.6
141 83.3 60.6 90.8

Manual Integrations
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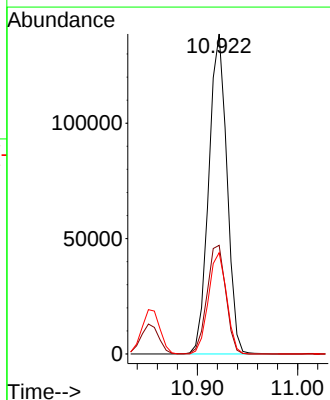
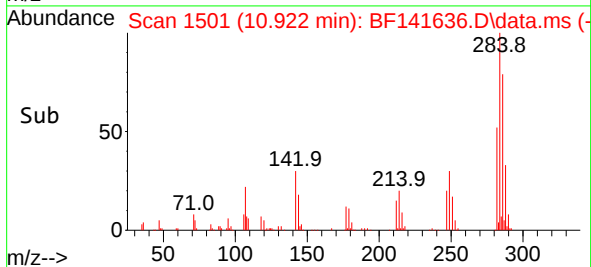
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

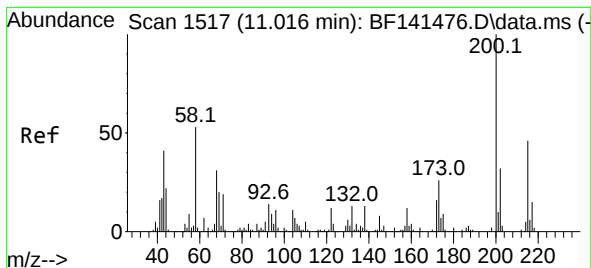


#68
Hexachlorobenzene
Concen: 47.365 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37



Tgt Ion:284 Resp: 174584
Ion Ratio Lower Upper
284 100
142 33.9 28.0 42.0
249 31.7 25.8 38.8





#69

Atrazine

Concen: 53.702 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

Instrument :

BNA_F

ClientSampleId :

CARBON-WATERMSD

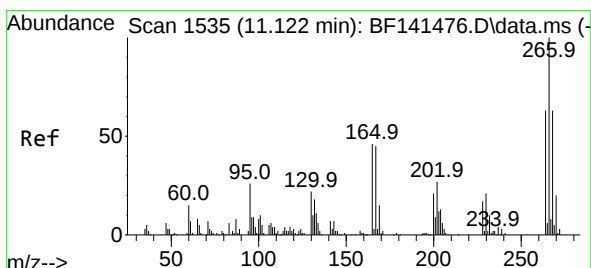
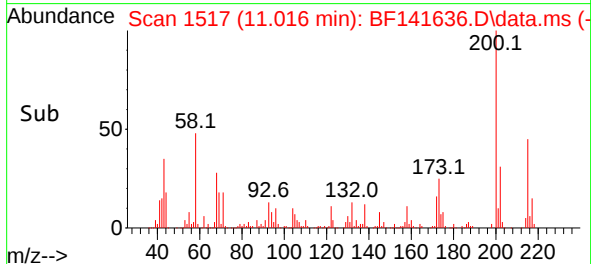
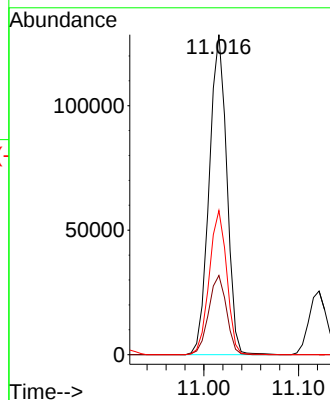
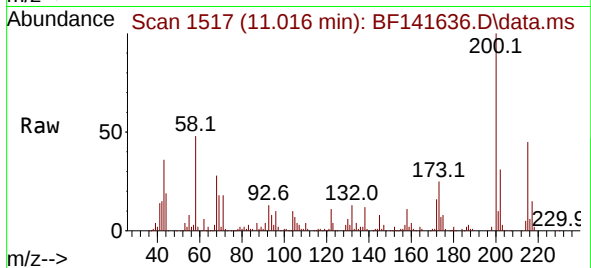
Tgt Ion:200 Resp: 165172
 Ion Ratio Lower Upper
 200 100
 173 24.8 5.9 45.9
 215 45.1 25.9 65.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2025

Supervised By :Jagrut Upadhyay 02/19/2025



#70

Pentachlorophenol

Concen: 79.874 ng

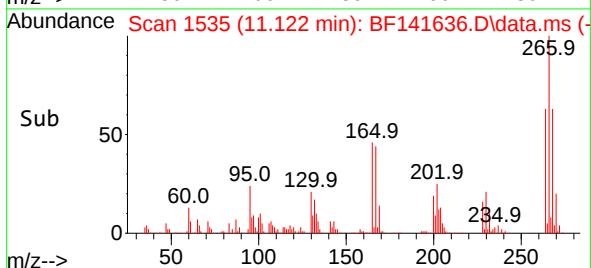
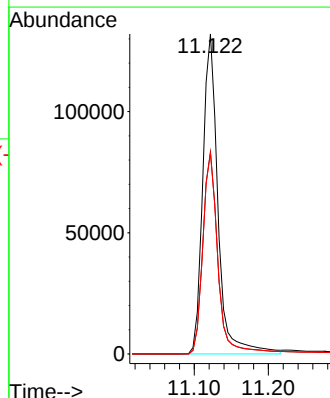
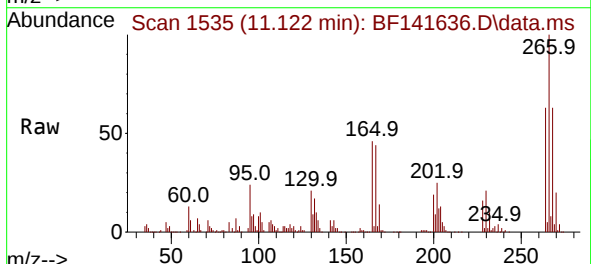
RT: 11.122 min Scan# 1535

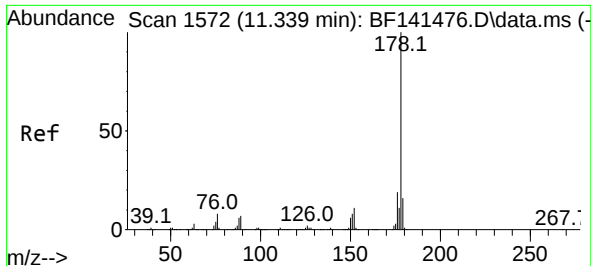
Delta R.T. -0.006 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

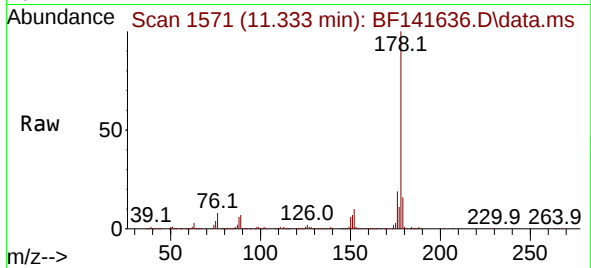
Tgt Ion:266 Resp: 188251
 Ion Ratio Lower Upper
 266 100
 268 63.2 50.1 75.1
 264 62.8 50.1 75.1





#71
Phenanthrene
Concen: 46.397 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

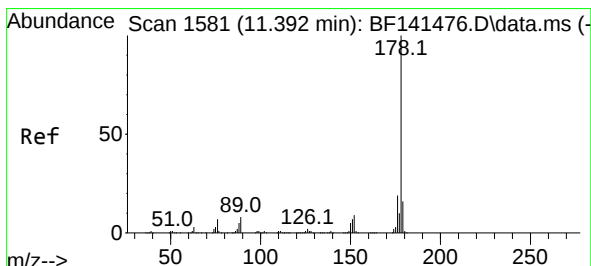
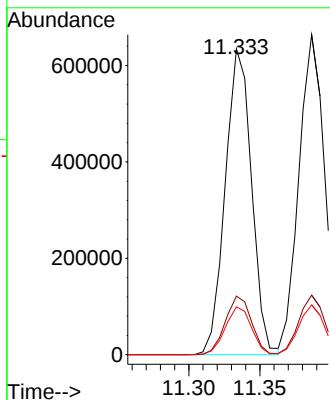
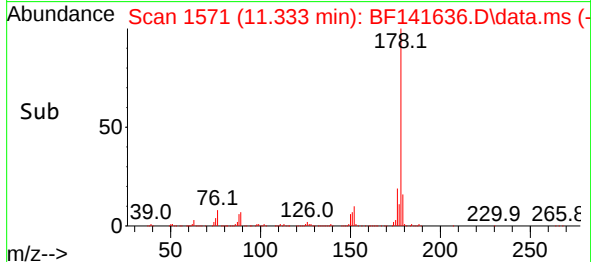
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD



Tgt Ion:178 Resp: 81797
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.7 12.4 18.6

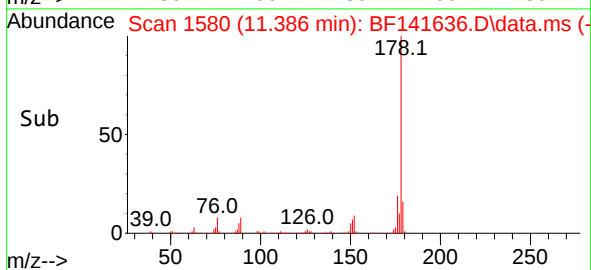
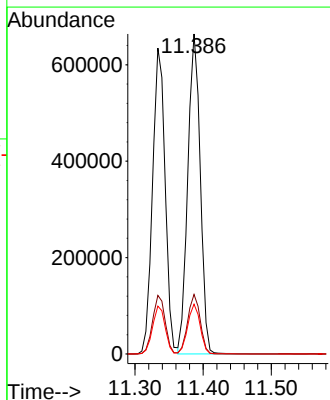
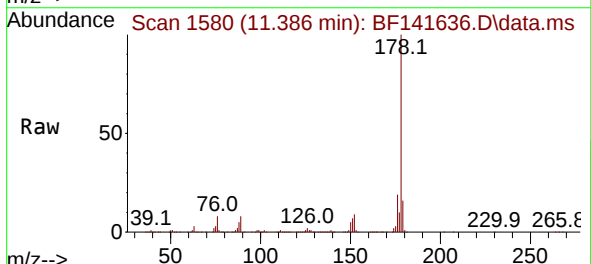
Manual Integrations
APPROVED

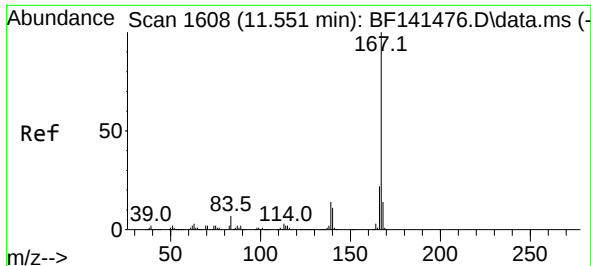
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#72
Anthracene
Concen: 47.172 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

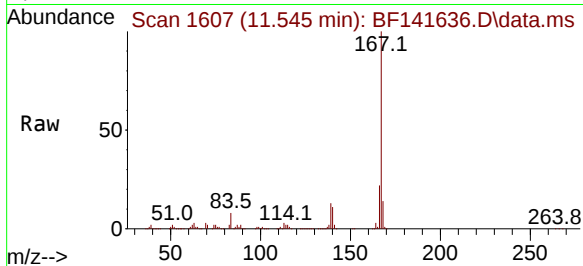
Tgt Ion:178 Resp: 835984
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.5 12.4 18.6





#73
 Carbazole
 Concen: 45.623 ng
 RT: 11.545 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF141636.D
 Acq: 14 Feb 2025 13:37

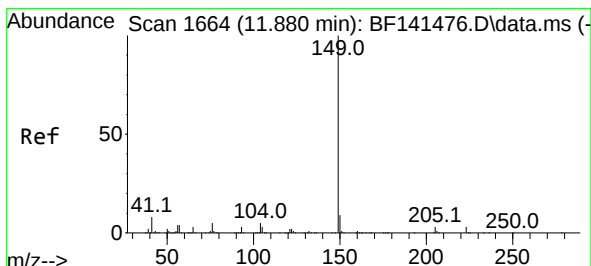
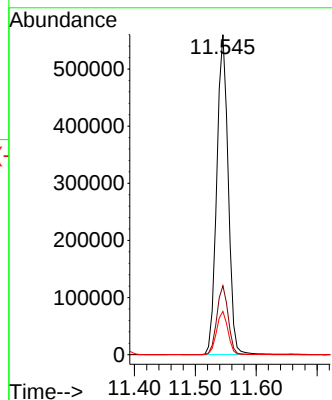
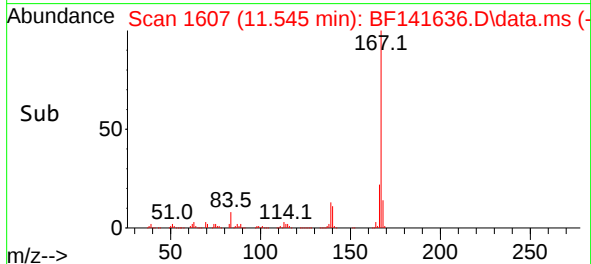
Instrument :
 BNA_F
 ClientSampleId :
 CARBON-WATERMSD



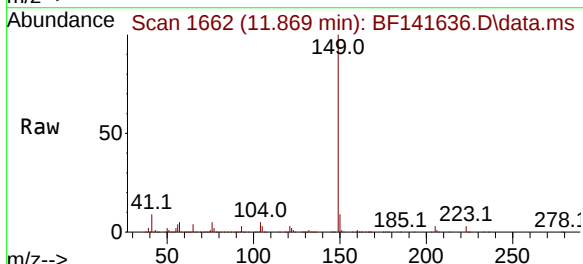
Tgt Ion:167 Resp: 72752
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.2
 139 13.5 10.9 16.3

Manual Integrations
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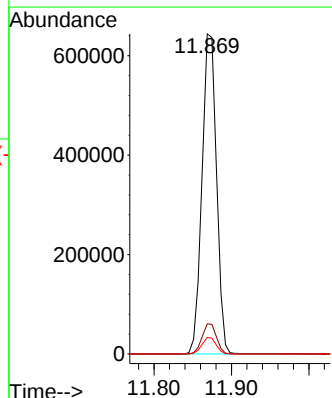
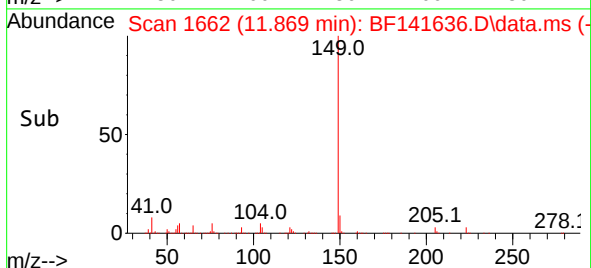
Reviewed By :Yogesh Patel 02/15/2025
 Supervised By :Jagrut Upadhyay 02/19/2025

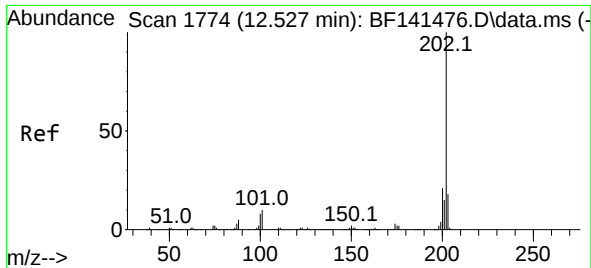


#74
 Di-n-butylphthalate
 Concen: 45.613 ng
 RT: 11.869 min Scan# 1662
 Delta R.T. -0.012 min
 Lab File: BF141636.D
 Acq: 14 Feb 2025 13:37



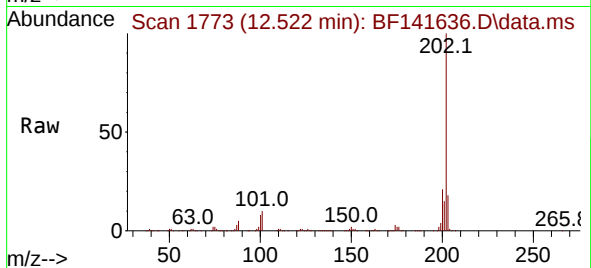
Tgt Ion:149 Resp: 839845
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 5.2 4.2 6.2





#75
Fluoranthene
Concen: 43.888 ng
RT: 12.522 min Scan# 1774
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

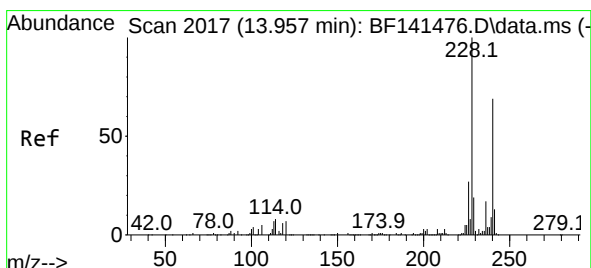
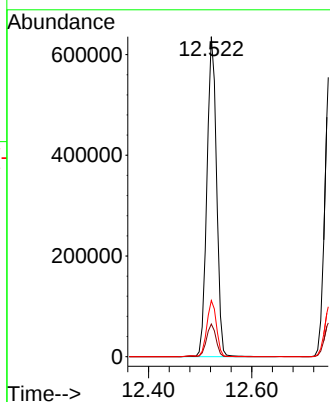
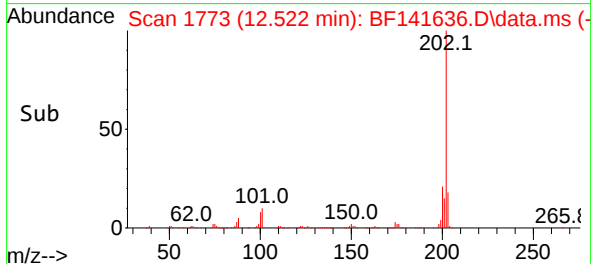
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD



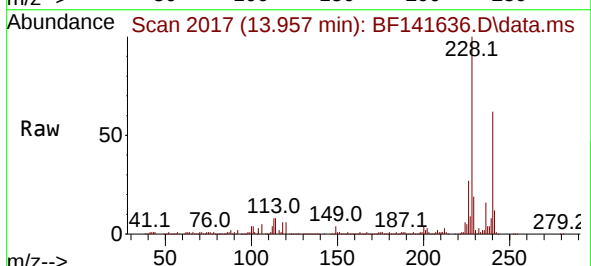
Tgt Ion:202 Resp: 820310
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.2
203 17.5 0.0 37.6

Manual Integrations
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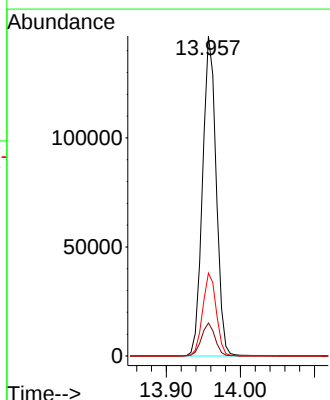
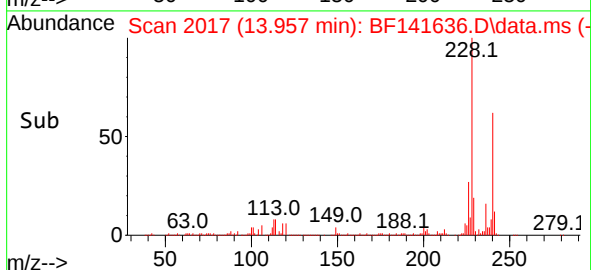
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

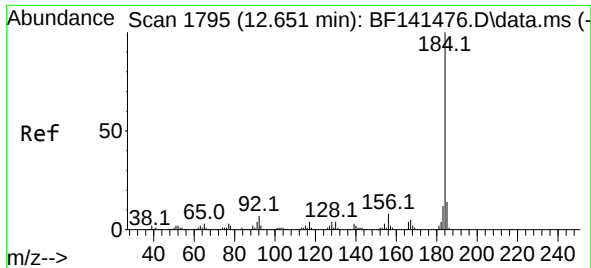


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37



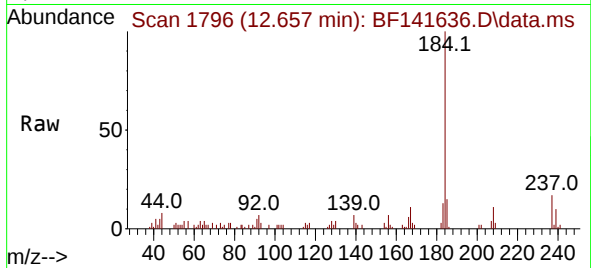
Tgt Ion:240 Resp: 187767
Ion Ratio Lower Upper
240 100
120 10.3 8.0 12.0
236 25.9 19.8 29.8





#77
Benzidine
Concen: 7.946 ng
RT: 12.657 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

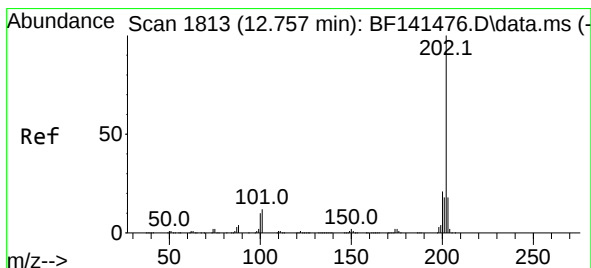
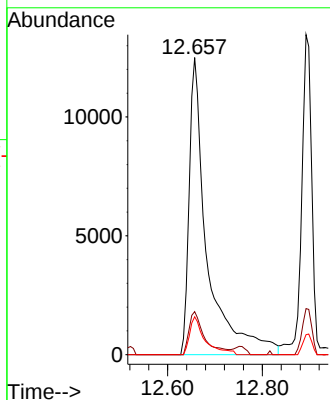
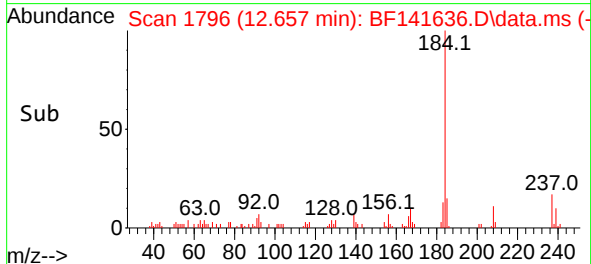
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD



Tgt Ion:184 Resp: 32900
Ion Ratio Lower Upper
184 100
185 14.5 11.3 16.9
183 12.8 9.3 13.9

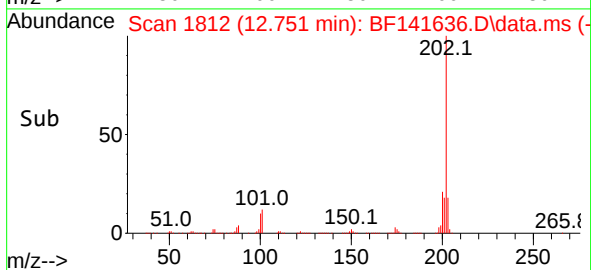
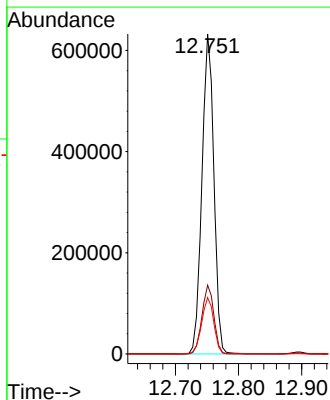
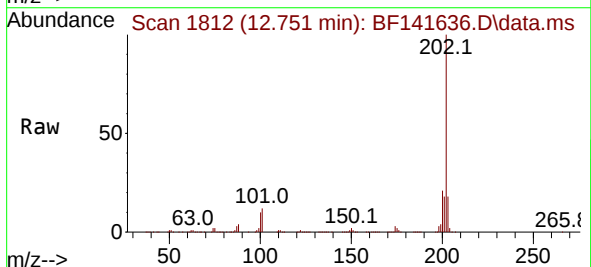
Manual Integrations
APPROVED

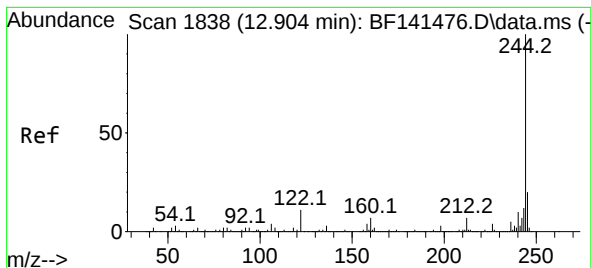
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#78
Pyrene
Concen: 52.005 ng
RT: 12.751 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

Tgt Ion:202 Resp: 831249
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.4
203 17.6 14.3 21.5





#79

Terphenyl-d14

Concen: 116.623 ng

RT: 12.898 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141636.D

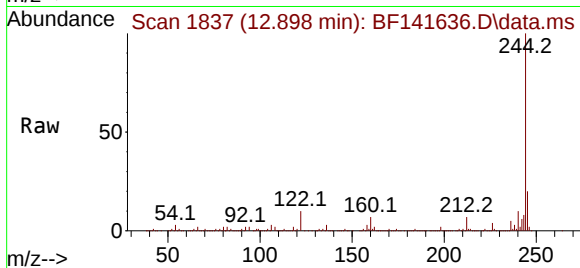
Acq: 14 Feb 2025 13:37

Instrument :

BNA_F

ClientSampleId :

CARBON-WATERMSD



Tgt Ion:244 Resp: 1297134

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

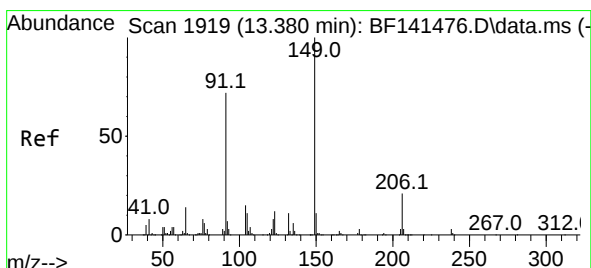
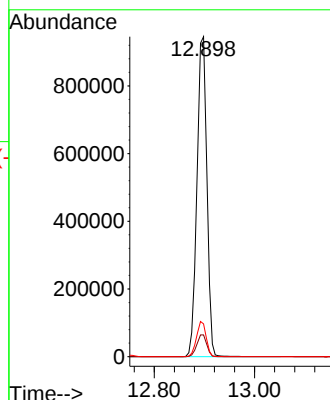
122 10.2 8.4 12.6

Manual Integrations

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Reviewed By :Yogesh Patel 02/15/2025

Supervised By :Jagrut Upadhyay 02/19/2025



#80

Butylbenzylphthalate

Concen: 52.645 ng

RT: 13.369 min Scan# 1917

Delta R.T. -0.012 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

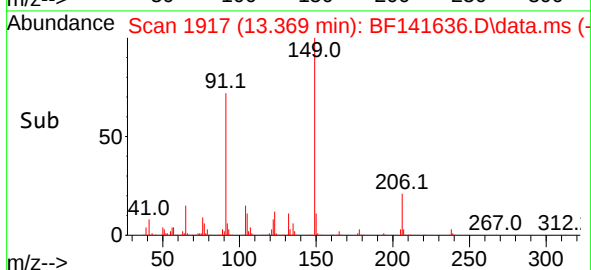
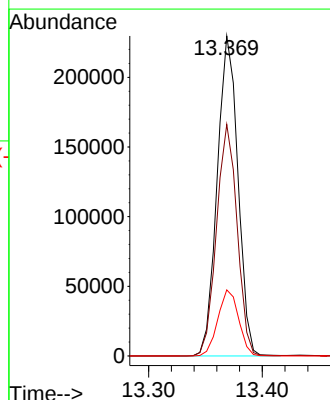
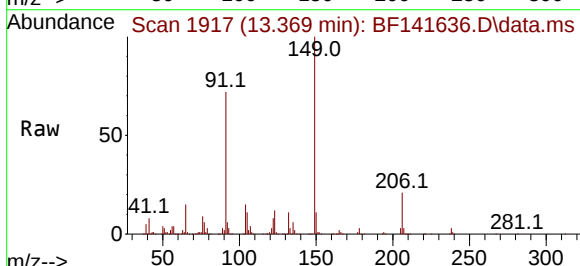
Tgt Ion:149 Resp: 291462

Ion Ratio Lower Upper

149 100

91 72.4 57.8 86.8

206 20.7 16.7 25.1





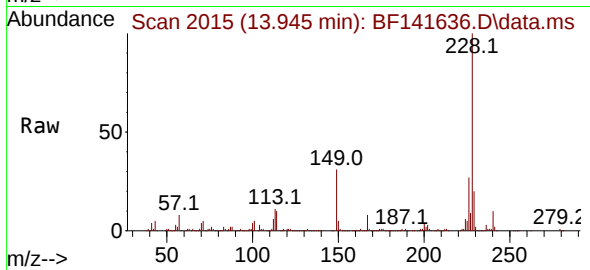
#81
Benzo(a)anthracene
Concen: 48.352 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

Instrument :

BNA_F

ClientSampleId :

CARBON-WATERMSD

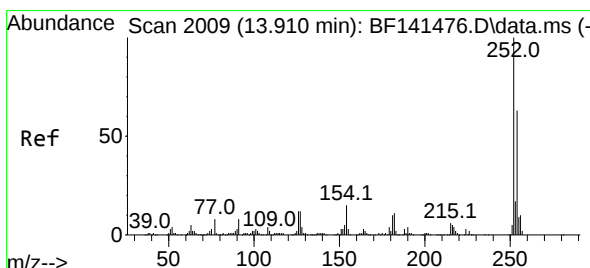
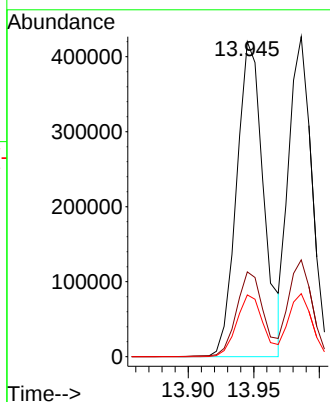
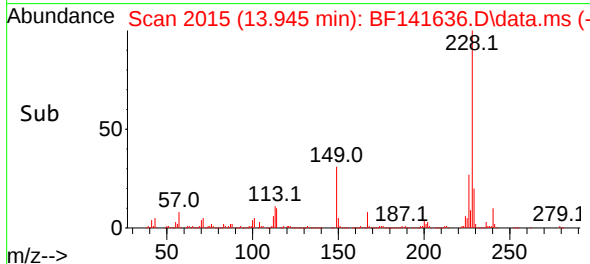


Tgt Ion:228 Resp: 60350
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 19.6 15.8 23.6

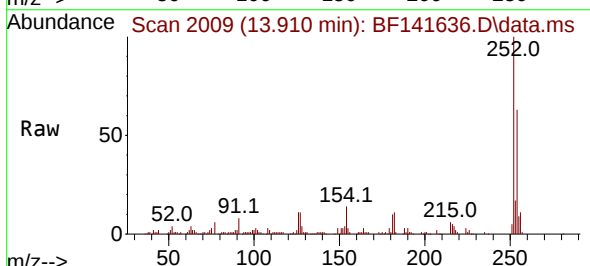
Manual Integrations

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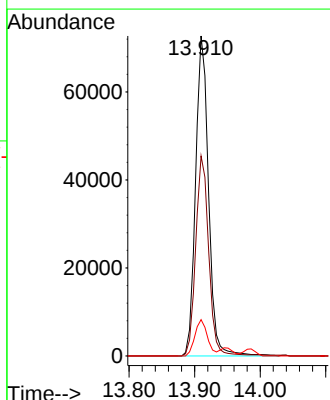
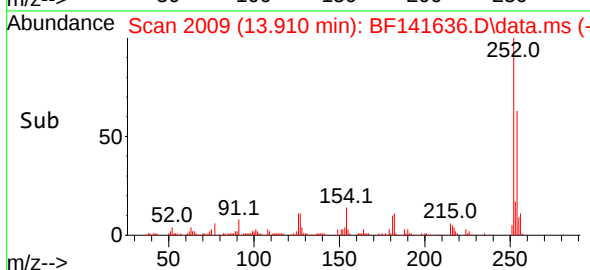
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

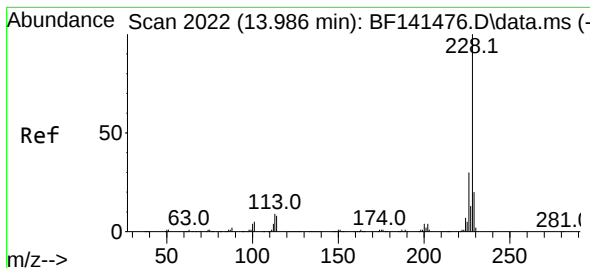


#82
3,3'-Dichlorobenzidine
Concen: 28.075 ng
RT: 13.910 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37



Tgt Ion:252 Resp: 100379
Ion Ratio Lower Upper
252 100
254 62.5 50.6 76.0
126 11.4 9.3 13.9





#83

Chrysene

Concen: 45.600 ng

RT: 13.986 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141636.D

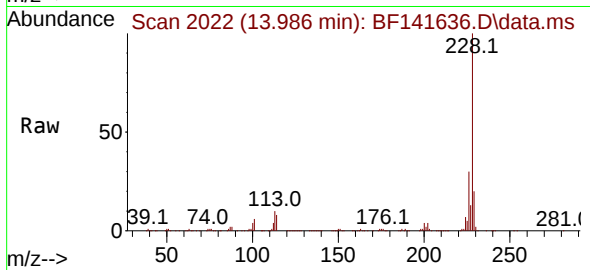
Acq: 14 Feb 2025 13:37

Instrument :

BNA_F

ClientSampleId :

CARBON-WATERMSD

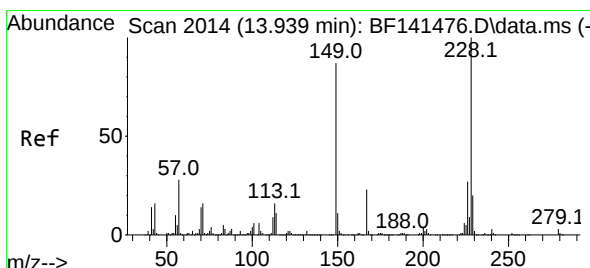
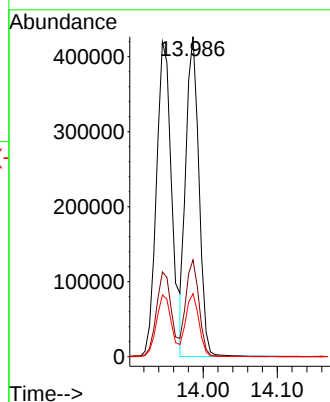
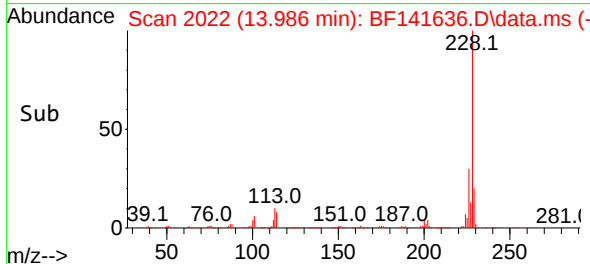


Tgt Ion:228 Resp: 525534

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	19.7	15.7	23.5

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Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#84

Bis(2-ethylhexyl)phthalate

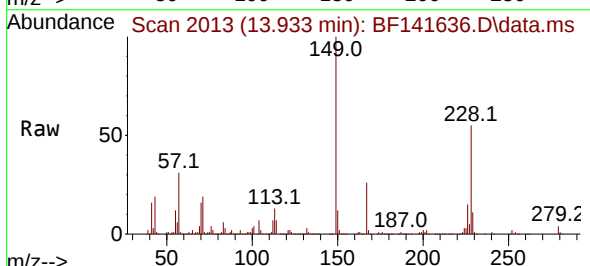
Concen: 52.076 ng

RT: 13.933 min Scan# 2013

Delta R.T. -0.006 min

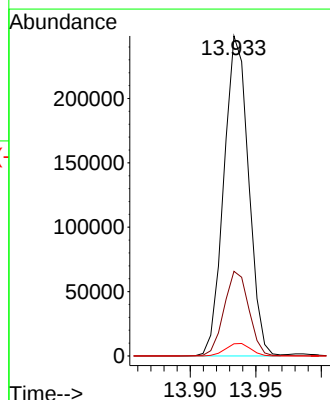
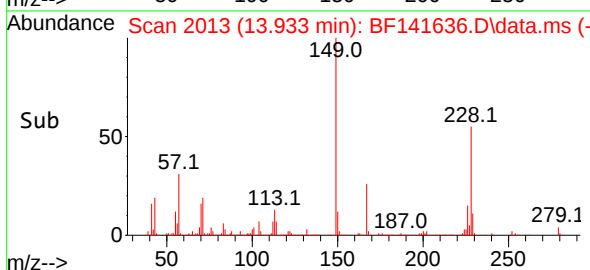
Lab File: BF141636.D

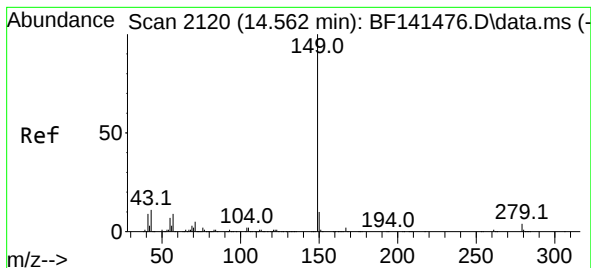
Acq: 14 Feb 2025 13:37



Tgt Ion:149 Resp: 325174

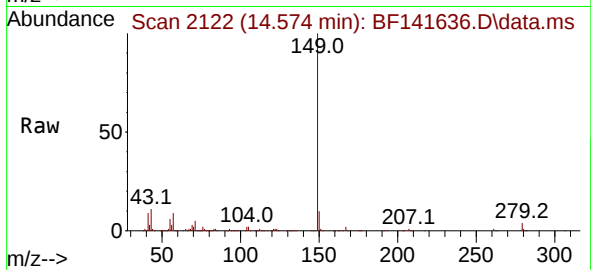
Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.4	32.0
279	3.8	3.1	4.7





#85
Di-n-octyl phthalate
Concen: 50.594 ng
RT: 14.574 min Scan# 2120
Delta R.T. 0.012 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

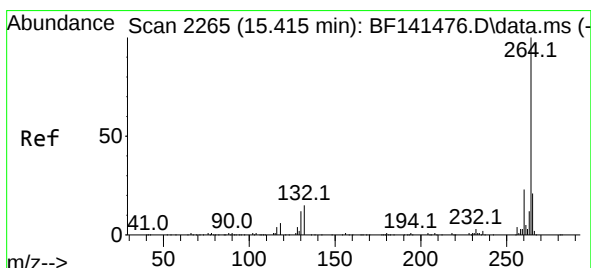
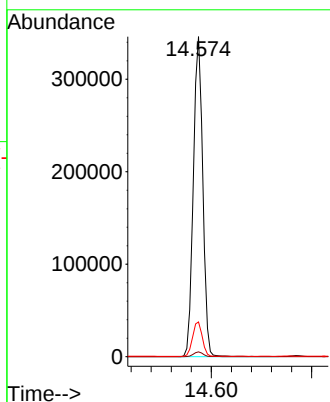
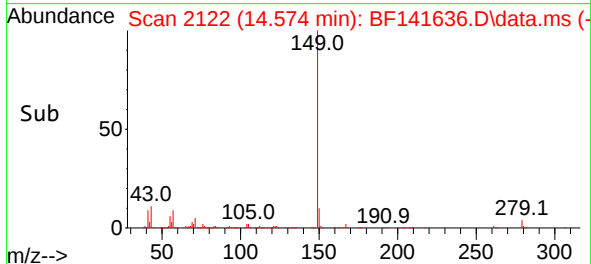
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD



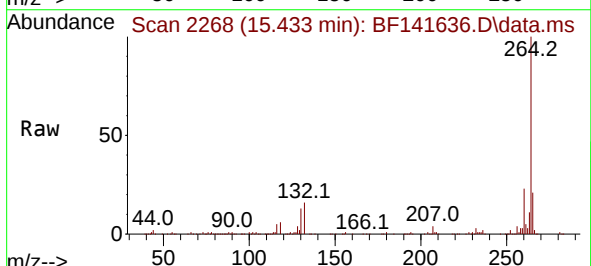
Tgt Ion:149 Resp: 45068
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.2 9.5 14.3

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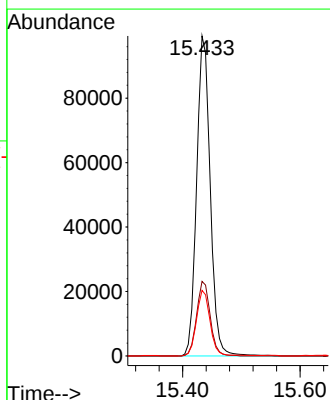
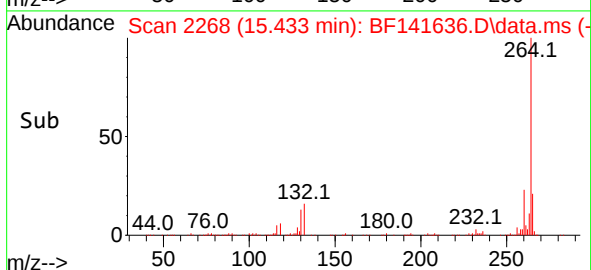
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2268
Delta R.T. 0.018 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37



Tgt Ion:264 Resp: 159211
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 20.5 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.817 ng

RT: 16.886 min Scan# 2197

Delta R.T. 0.012 min

Lab File: BF141636.D

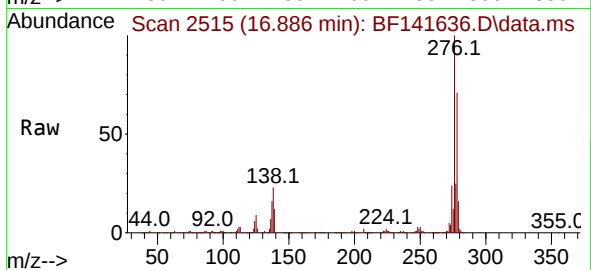
Acq: 14 Feb 2025 13:37

Instrument :

BNA_F

ClientSampleId :

CARBON-WATERMSD



Tgt Ion:276 Resp: 54910

Ion Ratio Lower Upper

276 100

138 23.3 18.0 27.0

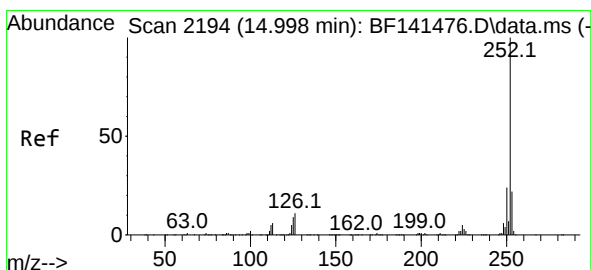
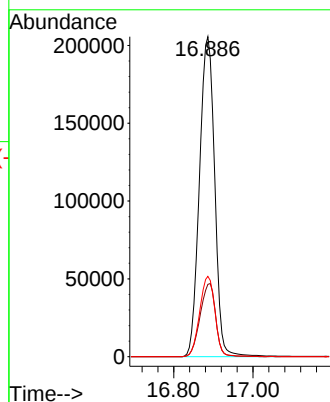
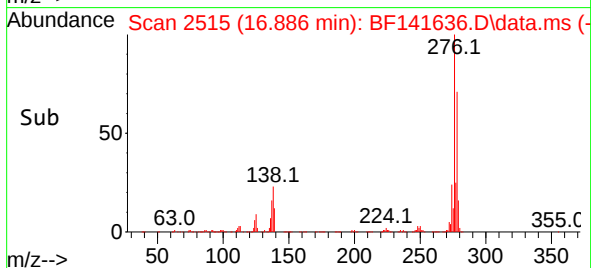
277 25.2 20.4 30.6

Manual Integrations

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Reviewed By :Yogesh Patel 02/15/2025

Supervised By :Jagrut Upadhyay 02/19/2025



#88

Benzo(b)fluoranthene

Concen: 42.686 ng

RT: 15.016 min Scan# 2197

Delta R.T. 0.012 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

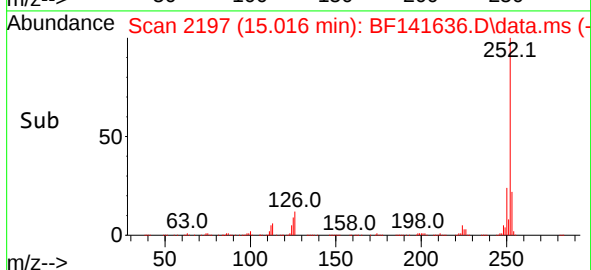
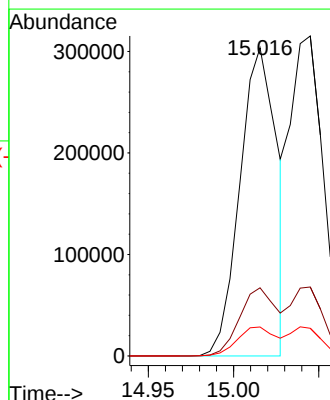
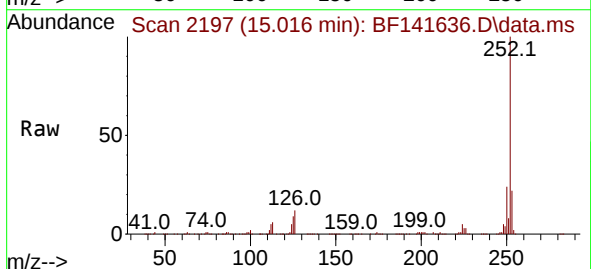
Tgt Ion:252 Resp: 456328

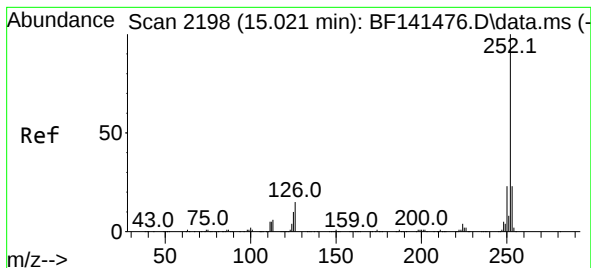
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 9.4 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 47.270 ng

RT: 15.045 min Scan# 2198

Delta R.T. 0.012 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

Instrument :

BNA_F

ClientSampleId :

CARBON-WATERMSD

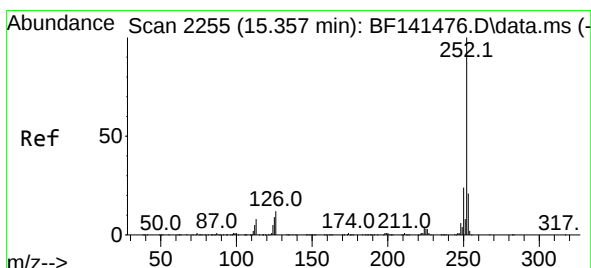
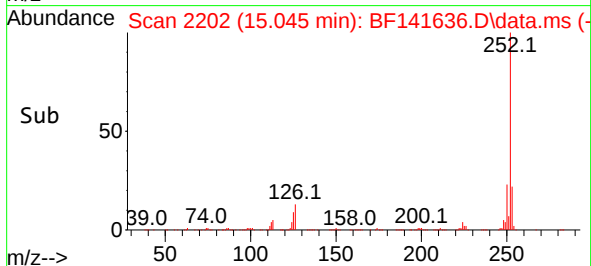
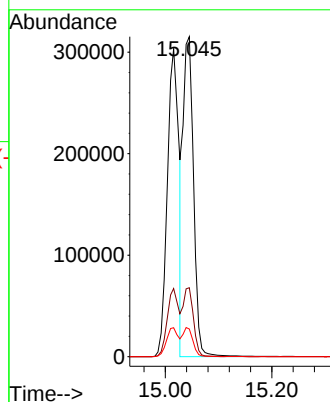
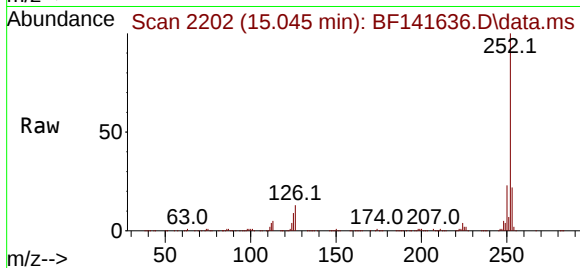
Tgt Ion:252 Resp: 431507
 Ion Ratio Lower Upper
 252 100
 253 21.5 18.0 27.0
 125 8.6 7.4 11.0

Manual Integrations

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Reviewed By :Yogesh Patel 02/15/2025

Supervised By :Jagrut Upadhyay 02/19/2025



#90

Benzo(a)pyrene

Concen: 48.964 ng

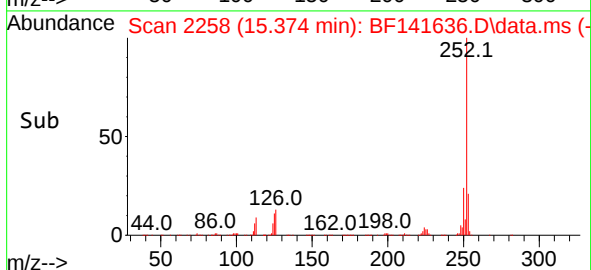
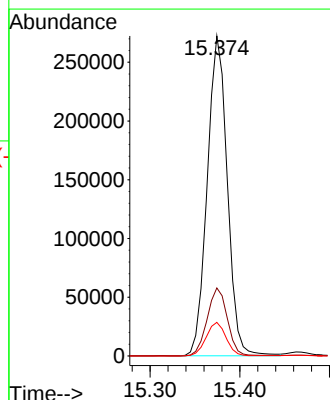
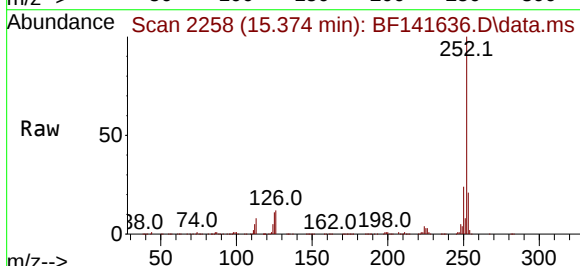
RT: 15.374 min Scan# 2258

Delta R.T. 0.012 min

Lab File: BF141636.D

Acq: 14 Feb 2025 13:37

Tgt Ion:252 Resp: 423546
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.1 25.7
 125 10.5 7.4 11.2





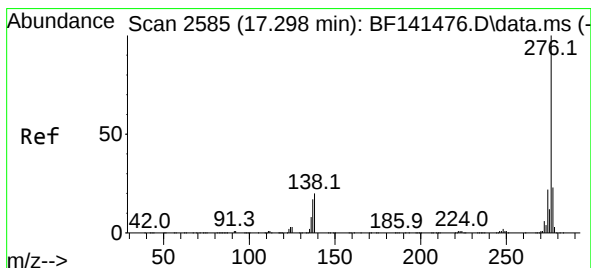
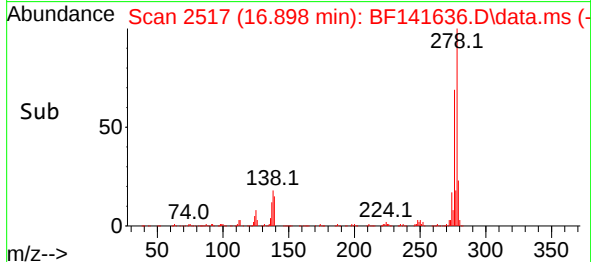
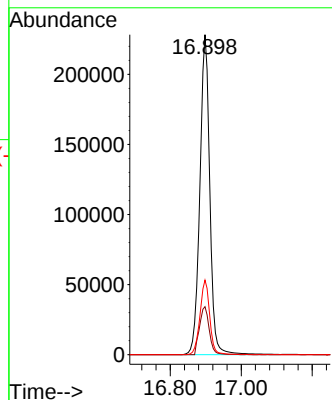
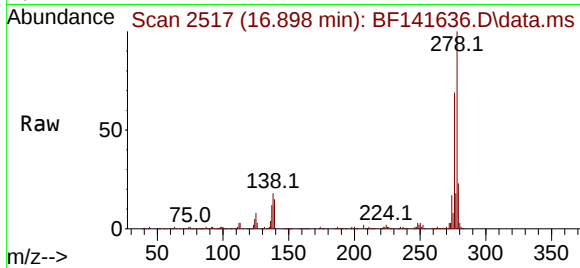
#91
Dibenzo(a,h)anthracene
Concen: 55.839 ng
RT: 16.898 min Scan# 2513
Delta R.T. 0.006 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMSD

Tgt Ion:278 Resp: 445100
Ion Ratio Lower Upper
278 100
139 15.0 11.8 17.6
279 23.3 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#92
Benzo(g,h,i)perylene
Concen: 52.112 ng
RT: 17.315 min Scan# 2588
Delta R.T. 0.000 min
Lab File: BF141636.D
Acq: 14 Feb 2025 13:37

Tgt Ion:276 Resp: 434697
Ion Ratio Lower Upper
276 100
277 23.8 18.6 28.0
138 19.9 15.9 23.9

