

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
 Data File : BF141635.D
 Acq On : 14 Feb 2025 13:11
 Operator : RC/JU
 Sample : Q1356-04MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CARBON-WATERMS

Manual Integrations
 APPROVED

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

Quant Time: Feb 14 13:31:20 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	82541	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	333730	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	183625	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	312520	20.000	ng	0.00
76) Chrysene-d12	13.957	240	204031	20.000	ng	0.00
86) Perylene-d12	15.427	264	166342	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	693518	131.723	ng	0.00
7) Phenol-d6	6.434	99	794277	119.360	ng	0.00
23) Nitrobenzene-d5	7.351	82	613617	95.901	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	263901	143.067	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1124066	94.311	ng	0.00
79) Terphenyl-d14	12.892	244	1317587	109.018	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.540	88	92129	43.477	ng	99
3) Pyridine	3.275	79	117348	23.272	ng	95
4) n-Nitrosodimethylamine	3.216	42	133177	39.887	ng	92
6) Aniline	6.451	93	129689	20.776	ng	# 63
8) 2-Chlorophenol	6.575	128	257064	45.186	ng	100
9) Benzaldehyde	6.334	77	95249	26.935	ng	98
10) Phenol	6.446	94	264701	38.218	ng	88
11) bis(2-Chloroethyl)ether	6.522	93	238793	45.902	ng	99
12) 1,3-Dichlorobenzene	6.728	146	266852	44.431	ng	97
13) 1,4-Dichlorobenzene	6.804	146	270354	44.057	ng	99
14) 1,2-Dichlorobenzene	6.957	146	259891	45.633	ng	98
15) Benzyl Alcohol	6.934	79	207124	40.589	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	384275	43.152	ng	82
17) 2-Methylphenol	7.051	107	197937	44.460	ng	97
18) Hexachloroethane	7.298	117	99240	43.699	ng	94
19) n-Nitroso-di-n-propyla...	7.204	70	180770	45.415	ng	96
20) 3+4-Methylphenols	7.204	107	255815	45.214	ng	97
22) Acetophenone	7.198	105	400267	48.215	ng	95
24) Nitrobenzene	7.375	77	277605	44.493	ng	98
25) Isophorone	7.610	82	481954	47.241	ng	98
26) 2-Nitrophenol	7.687	139	139383	44.902	ng	94
27) 2,4-Dimethylphenol	7.728	122	207156	57.126	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	297285	45.475	ng	99
29) 2,4-Dichlorophenol	7.934	162	219784	44.857	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	233356	43.736	ng	99
31) Naphthalene	8.092	128	746429	42.968	ng	100
32) Benzoic acid	7.857	122	120000	31.858	ng	99
33) 4-Chloroaniline	8.157	127	54001	8.903	ng	98
34) Hexachlorobutadiene	8.204	225	141846	44.283	ng	100
35) Caprolactam	8.510	113	57974m	38.862	ng	
36) 4-Chloro-3-methylphenol	8.640	107	235173	43.331	ng	99
37) 2-Methylnaphthalene	8.781	142	480745	42.527	ng	99
38) 1-Methylnaphthalene	8.881	142	463938	42.374	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	259283	48.806	ng	99
41) Hexachlorocyclopentadiene	8.934	237	254667	144.126	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	150924	43.956	ng	98

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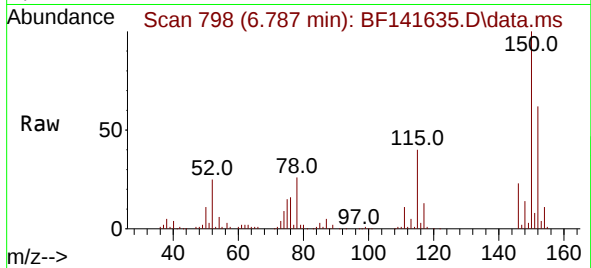
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	163085	43.826	ng	97
46) 1,1'-Biphenyl	9.245	154	705956	49.589	ng	99
47) 2-Chloronaphthalene	9.269	162	478181	45.423	ng	99
48) 2-Nitroaniline	9.369	65	153564	43.466	ng	99
49) Acenaphthylene	9.687	152	725425	46.329	ng	99
50) Dimethylphthalate	9.545	163	562461	45.120	ng	99
51) 2,6-Dinitrotoluene	9.610	165	124403	45.651	ng	99
52) Acenaphthene	9.857	154	453985	43.127	ng	99
53) 3-Nitroaniline	9.781	138	52650	17.951	ng	100
54) 2,4-Dinitrophenol	9.898	184	141831	87.571	ng	91
55) Dibenzofuran	10.028	168	664370	42.998	ng	100
56) 4-Nitrophenol	9.963	139	167993	77.157	ng	95
57) 2,4-Dinitrotoluene	10.016	165	170097	46.887	ng	98
58) Fluorene	10.375	166	532609	44.581	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	138555	43.249	ng	97
60) Diethylphthalate	10.245	149	536744	43.763	ng	100
61) 4-Chlorophenyl-phenyle...	10.363	204	254718	44.318	ng	99
62) 4-Nitroaniline	10.398	138	120020	40.299	ng	98
63) Azobenzene	10.522	77	515646	42.291	ng	97
65) 4,6-Dinitro-2-methylph...	10.428	198	98963	45.586	ng	97
66) n-Nitrosodiphenylamine	10.486	169	459536	45.935	ng	100
67) 4-Bromophenyl-phenylether	10.851	248	158612	45.411	ng	96
68) Hexachlorobenzene	10.922	284	170769	47.480	ng	98
69) Atrazine	11.016	200	158816	52.917	ng	99
70) Pentachlorophenol	11.122	266	184164	80.079	ng	98
71) Phenanthrene	11.333	178	794719	46.197	ng	100
72) Anthracene	11.386	178	816284	47.203	ng	100
73) Carbazole	11.545	167	710438	45.658	ng	100
74) Di-n-butylphthalate	11.869	149	832214	46.320	ng	100
75) Fluoranthene	12.522	202	826241	45.302	ng	100
77) Benzidine	12.657	184	66894	14.866	ng	98
78) Pyrene	12.751	202	831505	47.874	ng	100
80) Butylbenzylphthalate	13.369	149	305455	50.774	ng	99
81) Benzo(a)anthracene	13.945	228	629764	46.434	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	108836	28.014	ng	98
83) Chrysene	13.980	228	585065	46.719	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	353256	52.064	ng	100
85) Di-n-octyl phthalate	14.563	149	486829	50.295	ng	99
87) Indeno(1,2,3-cd)pyrene	16.874	276	541787	52.713	ng	99
88) Benzo(b)fluoranthene	15.004	252	517956	46.374	ng	99
89) Benzo(k)fluoranthene	15.033	252	425886	44.654	ng	99
90) Benzo(a)pyrene	15.363	252	442121	48.920	ng	98
91) Dibenzo(a,h)anthracene	16.886	278	436268	52.384	ng	99
92) Benzo(g,h,i)perylene	17.304	276	427909	49.099	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: BF141635.D
Acq: 14 Feb 2025 13:11

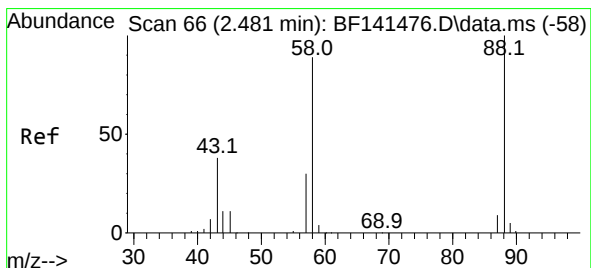
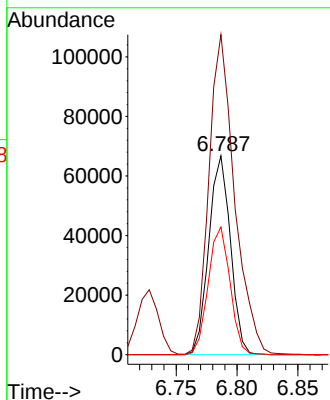
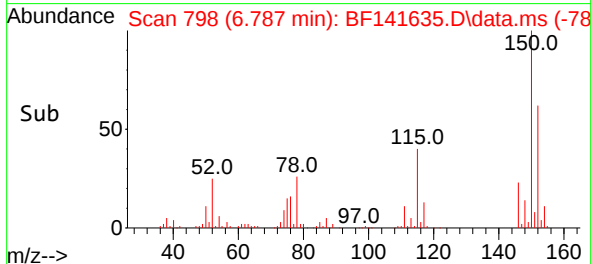
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMS



Tgt Ion:152 Resp: 8254
Ion Ratio Lower Upper
152 100
150 160.8 125.0 187.4
115 64.2 53.6 80.4

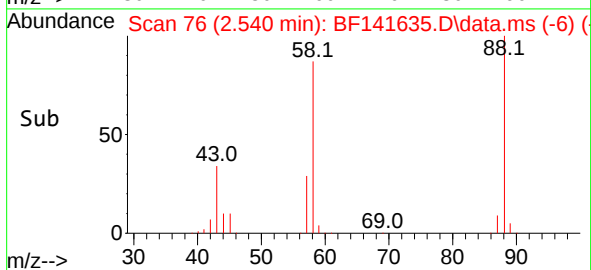
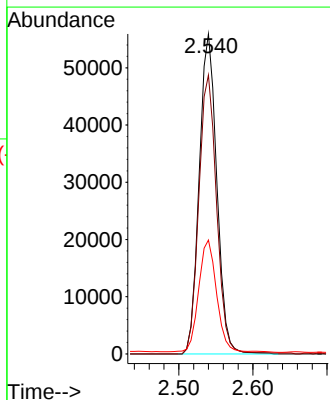
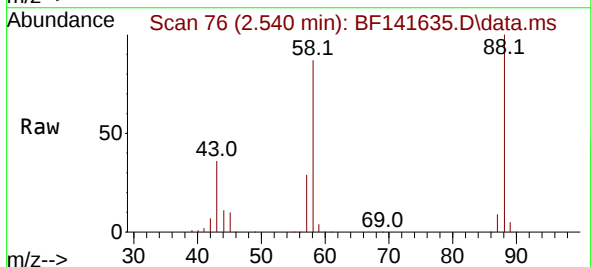
Manual Integrations
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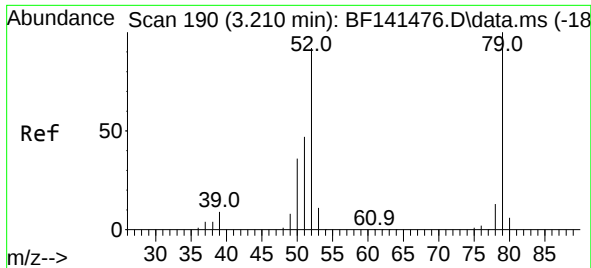
Reviewed By :Yogesh Patel 02/15/2025
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#2
1,4-Dioxane
Concen: 43.477 ng
RT: 2.540 min Scan# 76
Delta R.T. 0.059 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

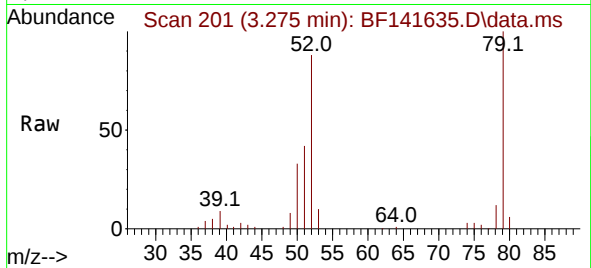
Tgt Ion: 88 Resp: 92129
Ion Ratio Lower Upper
88 100
58 88.5 71.1 106.7
43 36.3 30.6 46.0





#3
Pyridine
Concen: 23.272 ng
RT: 3.275 min Scan# 201
Delta R.T. 0.059 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

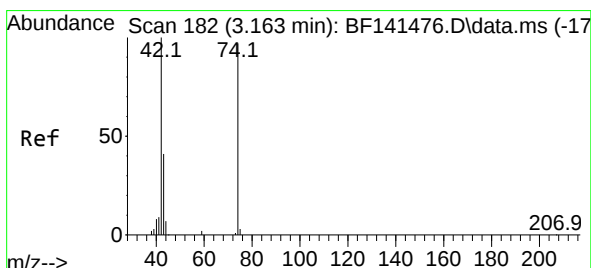
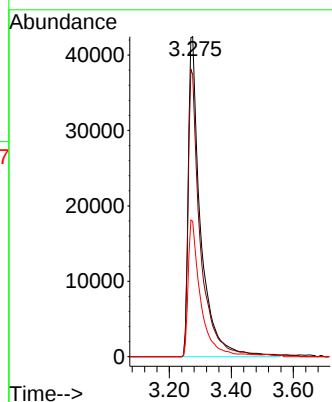
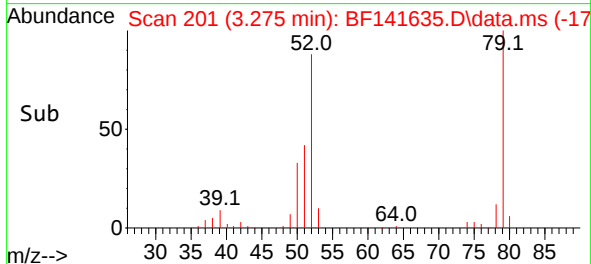
Instrument :
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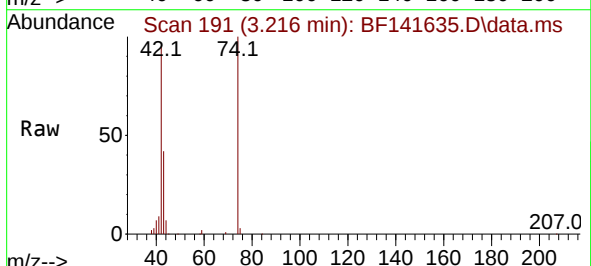
Tgt Ion: 79 Resp: 117348
Ion Ratio Lower Upper
79 100
52 88.2 73.7 110.5
51 42.3 37.5 56.3

Manual Integrations
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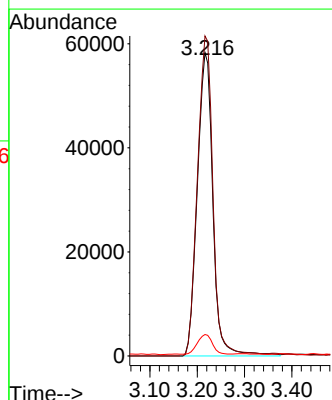
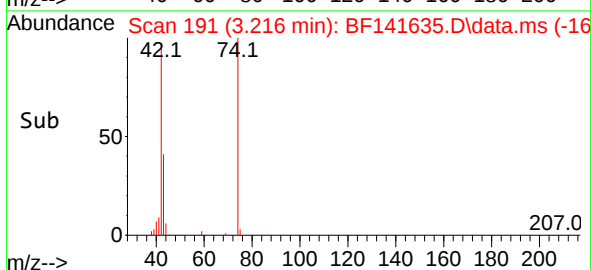
Reviewed By :Yogesh Patel 02/15/2025
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#4
n-Nitrosodimethylamine
Concen: 39.887 ng
RT: 3.216 min Scan# 191
Delta R.T. 0.030 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11



Tgt Ion: 42 Resp: 133177
Ion Ratio Lower Upper
42 100
74 105.5 78.0 117.0
44 7.1 5.4 8.2





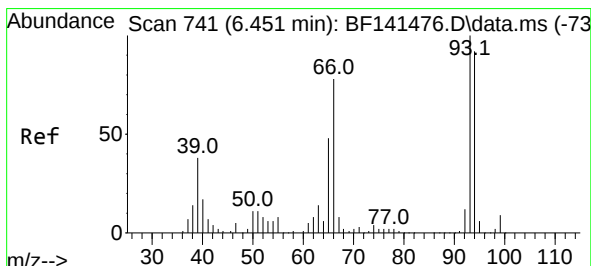
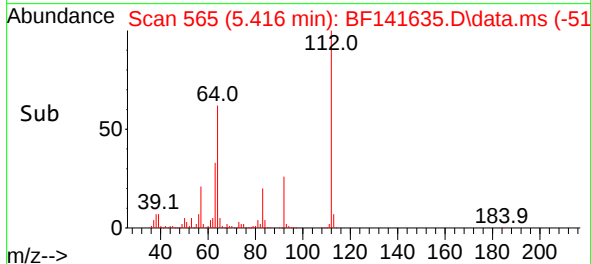
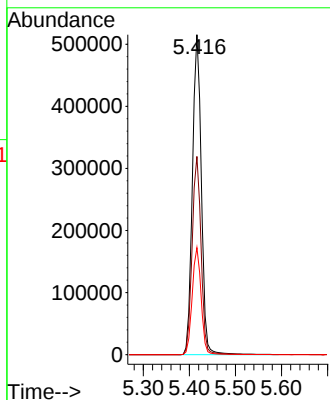
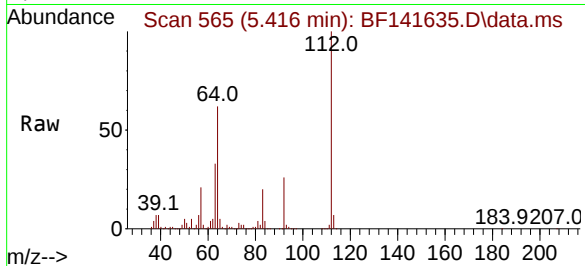
#5
2-Fluorophenol
Concen: 131.723 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMS

Tgt Ion:112 Resp: 693518
Ion Ratio Lower Upper
112 100
64 61.9 51.1 76.7
63 33.4 28.4 42.6

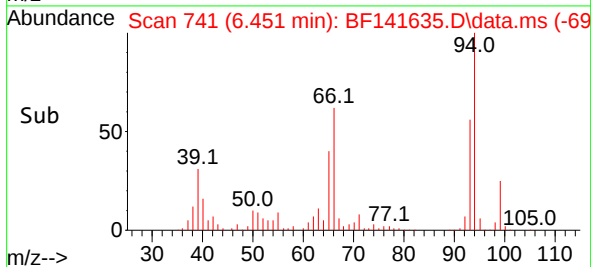
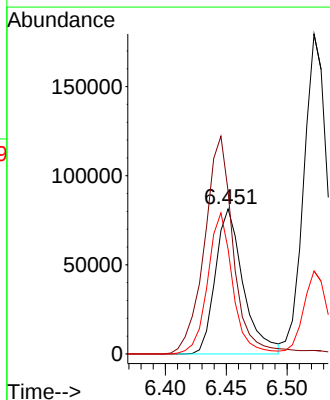
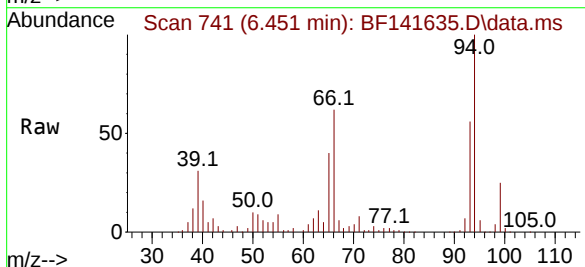
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#6
Aniline
Concen: 20.776 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

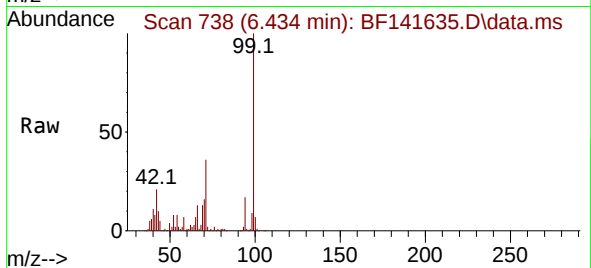
Tgt Ion: 93 Resp: 129689
Ion Ratio Lower Upper
93 100
66 111.8 62.6 94.0#
65 72.1 38.3 57.5#





#7
Phenol-d6
Concen: 119.360 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

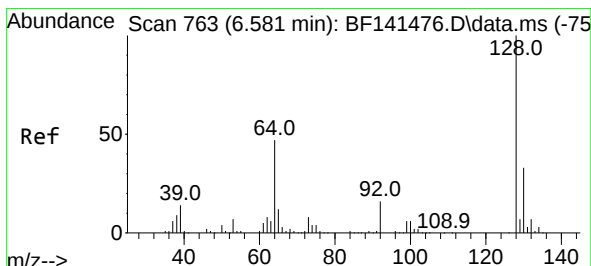
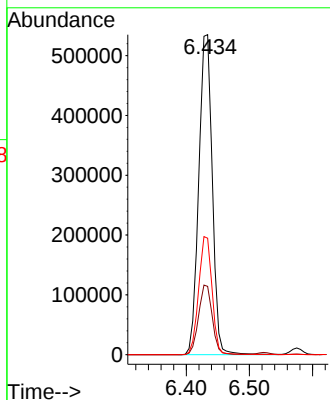
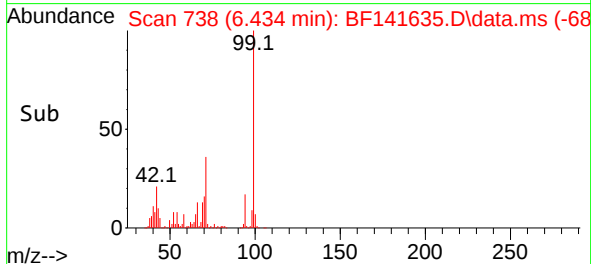
Instrument :
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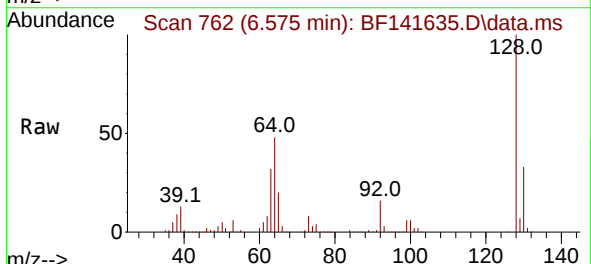
Tgt Ion: 99 Resp: 79427
Ion Ratio Lower Upper
99 100
42 21.3 19.1 28.7
71 36.4 31.1 46.7

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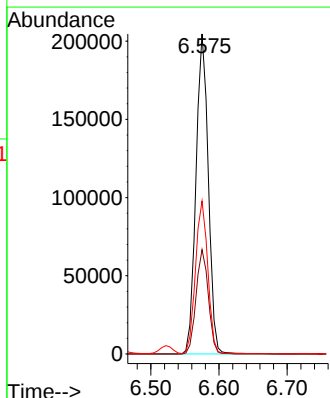
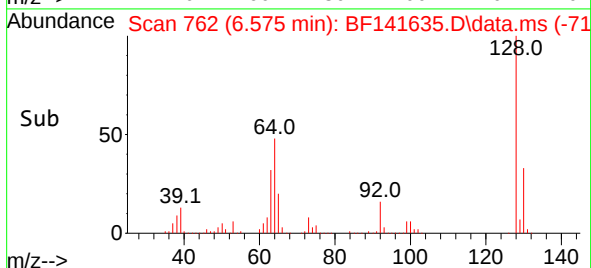
Reviewed By :Yogesh Patel 02/15/2025
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#8
2-Chlorophenol
Concen: 45.186 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
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Tgt Ion:128 Resp: 257064
Ion Ratio Lower Upper
128 100
130 32.6 12.7 52.7
64 47.8 28.3 68.3





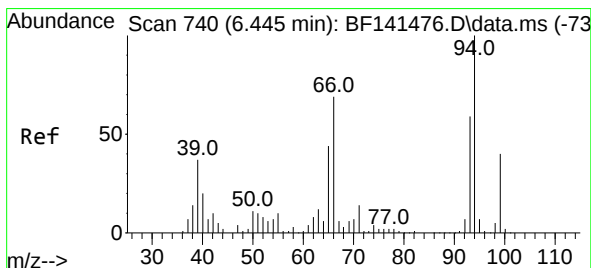
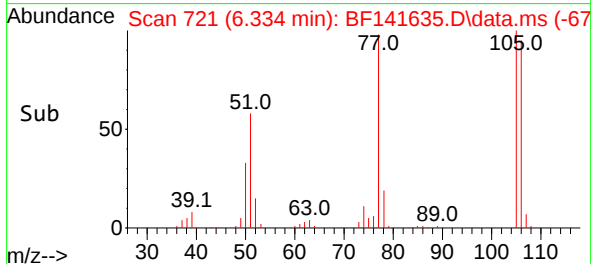
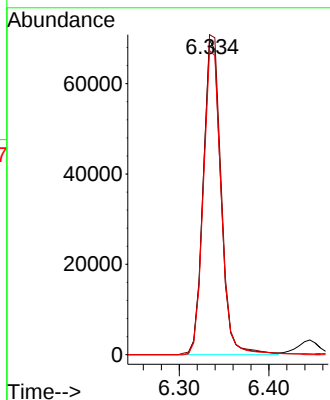
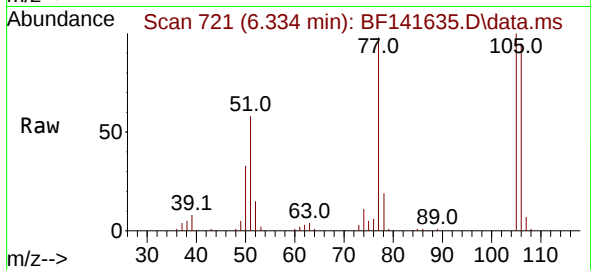
#9
Benzaldehyde
Concen: 26.935 ng
RT: 6.334 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMS

Tgt Ion: 77 Resp: 95249
Ion Ratio Lower Upper
77 100
105 101.8 79.4 119.4
106 96.7 75.1 115.1

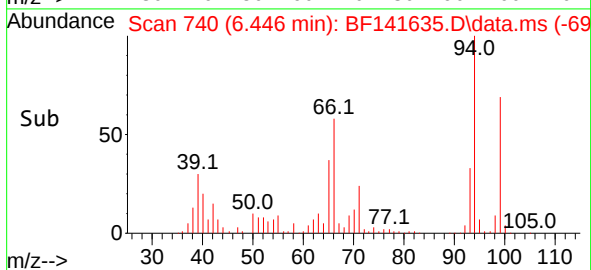
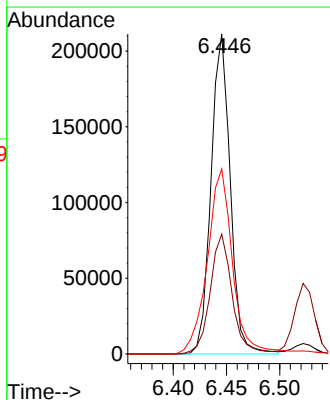
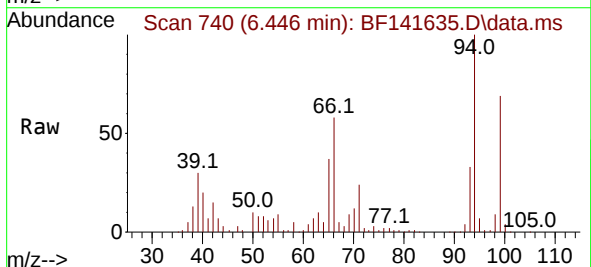
Manual Integrations
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Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#10
Phenol
Concen: 38.218 ng
RT: 6.446 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141635.D
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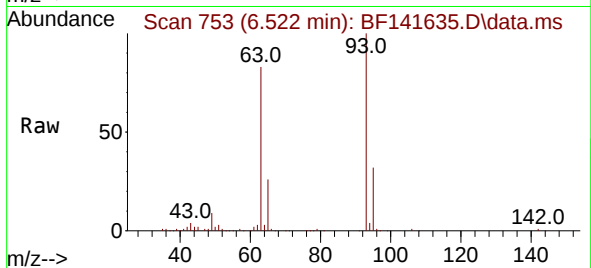
Tgt Ion: 94 Resp: 264701
Ion Ratio Lower Upper
94 100
65 37.5 23.7 63.7
66 57.8 49.3 89.3





#11
bis(2-Chloroethyl)ether
Concen: 45.902 ng
RT: 6.522 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

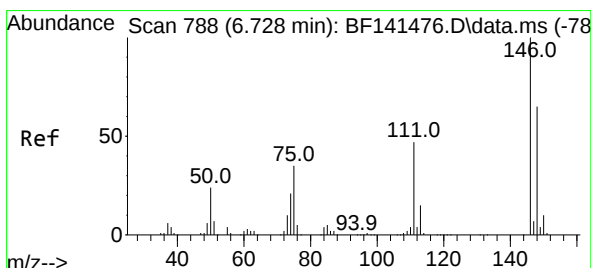
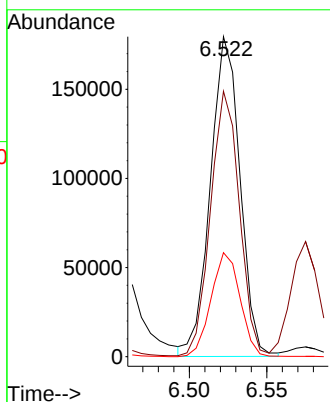
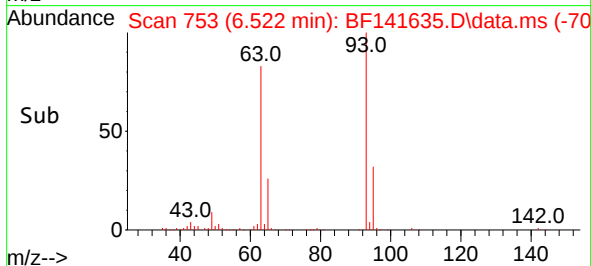
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMS



Tgt Ion: 93 Resp: 238793
Ion Ratio Lower Upper
93 100
63 83.0 62.0 102.0
95 32.5 12.6 52.6

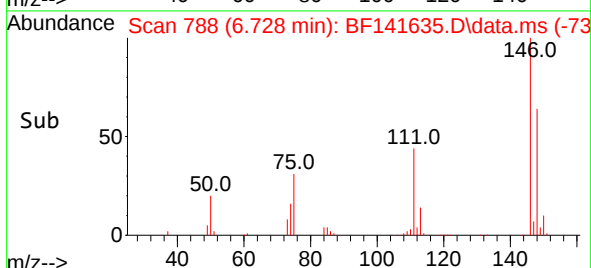
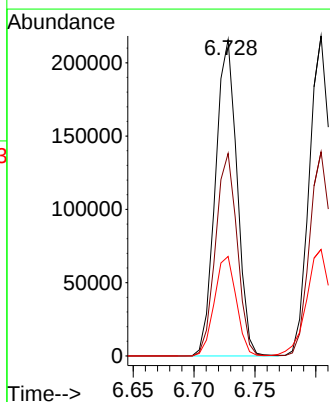
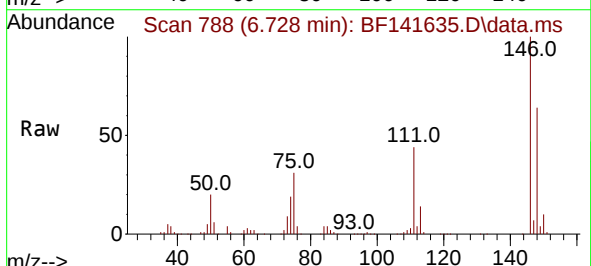
Manual Integrations
APPROVED

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



#12
1,3-Dichlorobenzene
Concen: 44.431 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

Tgt Ion:146 Resp: 266852
Ion Ratio Lower Upper
146 100
148 64.0 51.9 77.9
75 31.5 28.2 42.2





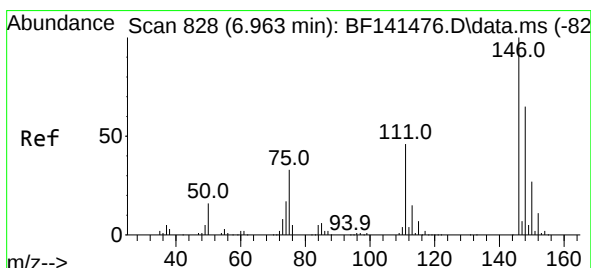
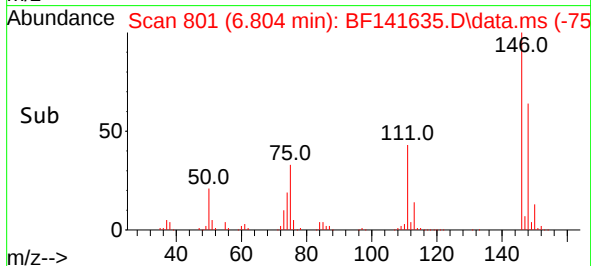
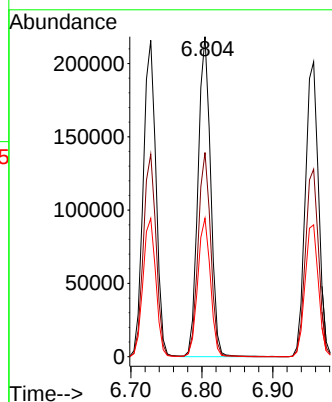
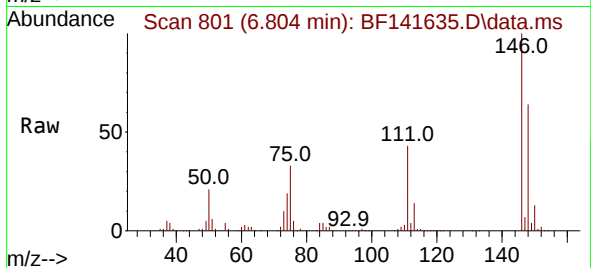
#13
1,4-Dichlorobenzene
Concen: 44.057 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMS

Tgt Ion:146 Resp: 270354
Ion Ratio Lower Upper
146 100
148 63.8 50.9 76.3
111 43.2 35.9 53.9

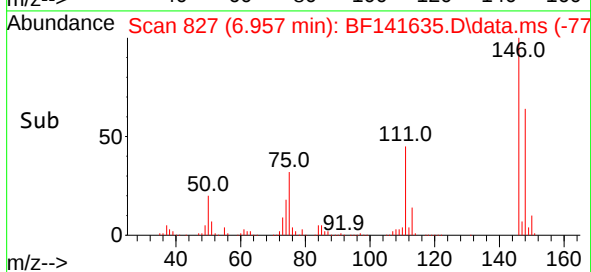
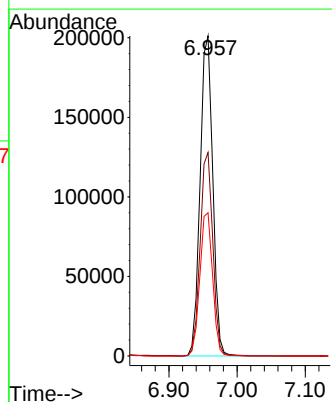
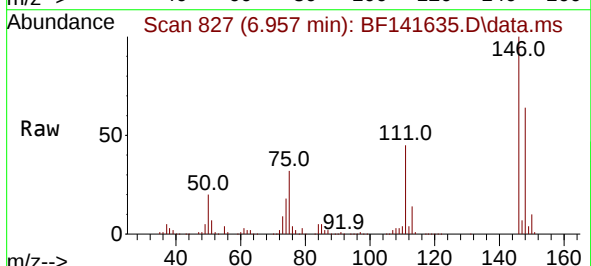
Manual Integrations
APPROVED

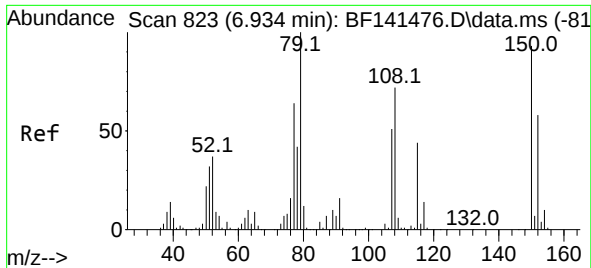
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#14
1,2-Dichlorobenzene
Concen: 45.633 ng
RT: 6.957 min Scan# 827
Delta R.T. -0.006 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

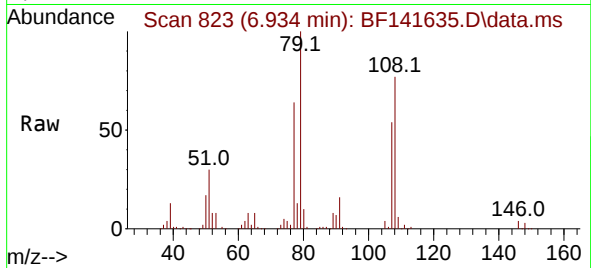
Tgt Ion:146 Resp: 259891
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.6
111 44.7 37.0 55.4





#15
Benzyl Alcohol
Concen: 40.589 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

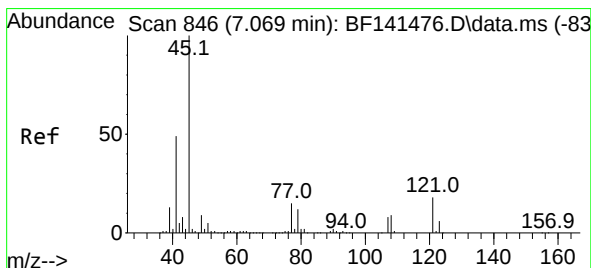
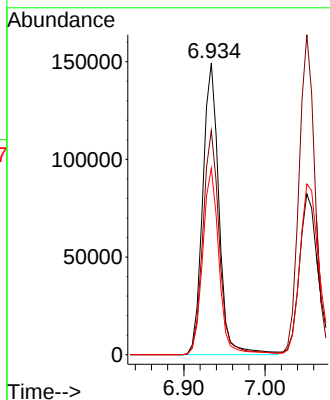
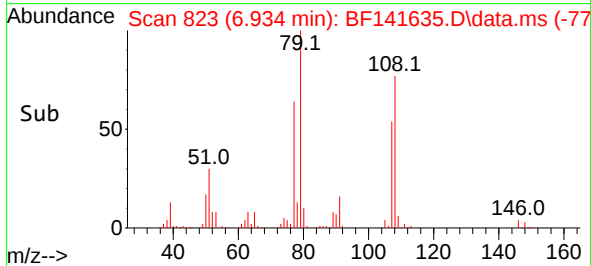
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMS



Tgt Ion: 79 Resp: 207124
Ion Ratio Lower Upper
79 100
108 76.9 57.4 86.2
77 63.9 50.9 76.3

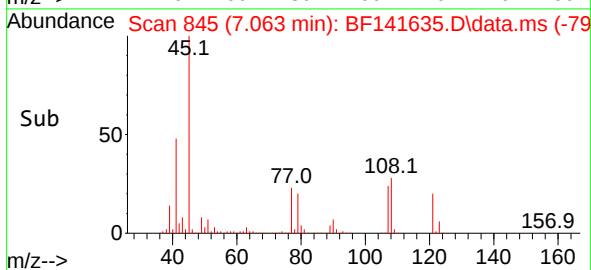
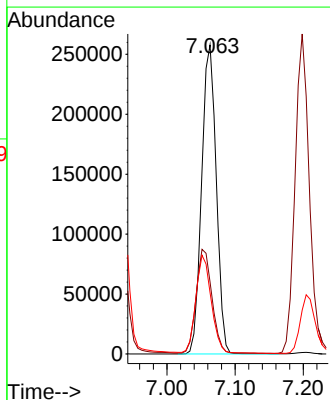
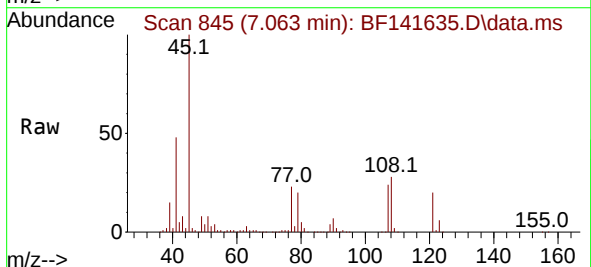
Manual Integrations
APPROVED

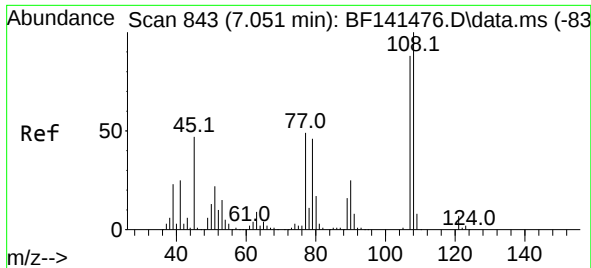
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.152 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

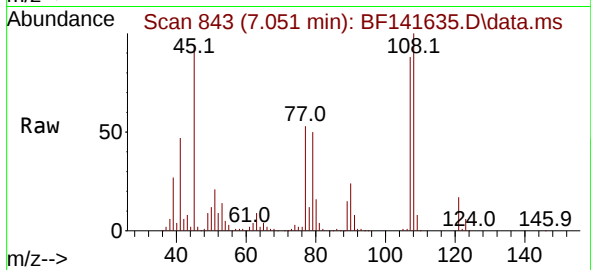
Tgt Ion: 45 Resp: 384275
Ion Ratio Lower Upper
45 100
77 23.3 0.0 35.8
79 19.9 0.0 32.7





#17
2-Methylphenol
Concen: 44.460 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

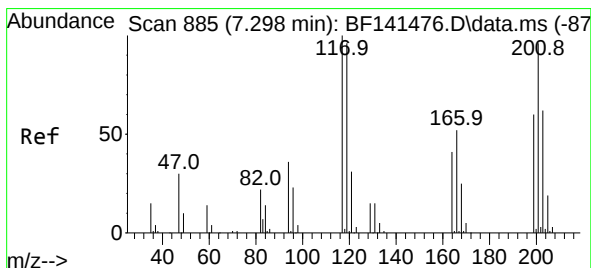
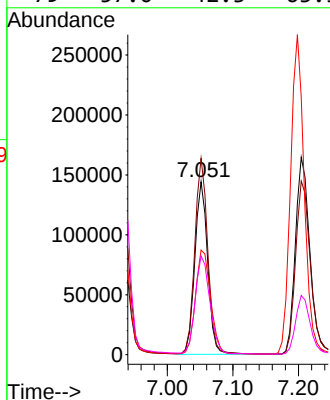
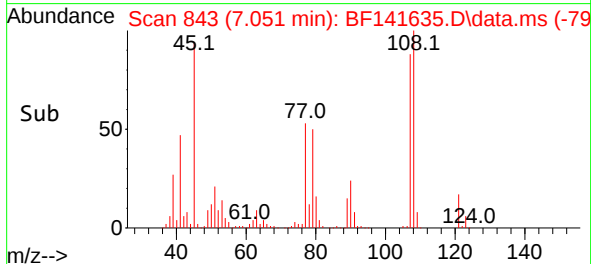
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMS



Tgt Ion:107 Resp: 19793
Ion Ratio Lower Upper
107 100
108 113.5 90.6 136.0
77 60.5 44.4 66.6
79 57.0 42.3 63.5

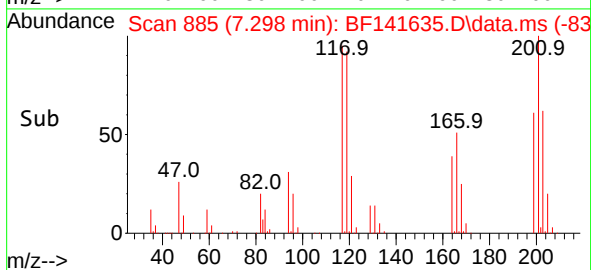
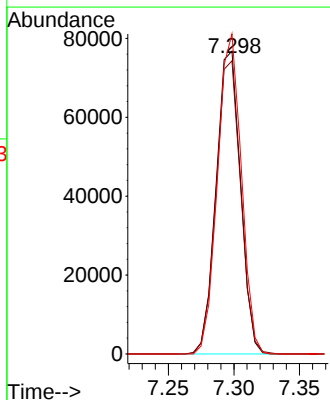
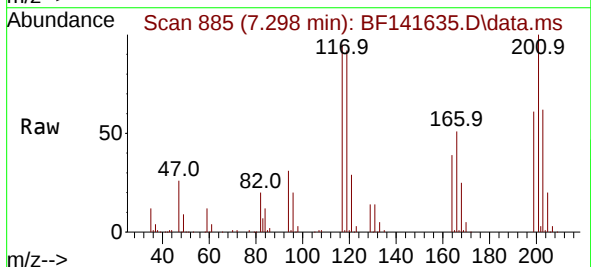
Manual Integrations
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Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#18
Hexachloroethane
Concen: 43.699 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

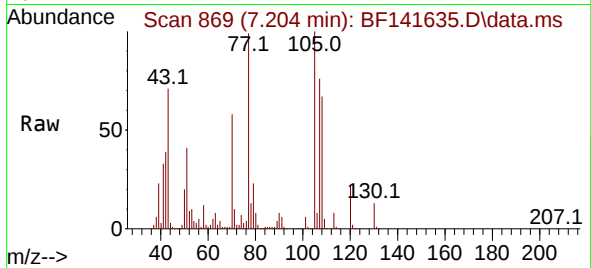
Tgt Ion:117 Resp: 99240
Ion Ratio Lower Upper
117 100
119 96.8 76.5 114.7
201 105.6 76.7 115.1





#19
n-Nitroso-di-n-propylamine
Concen: 45.415 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

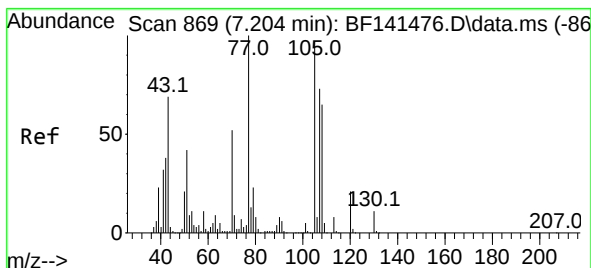
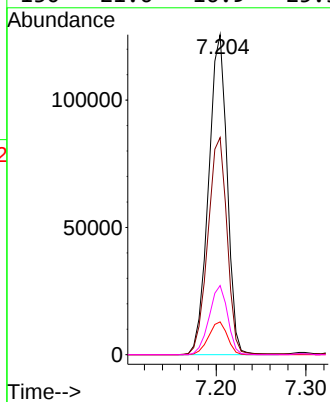
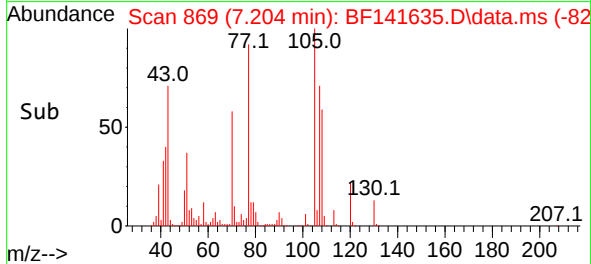
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMS



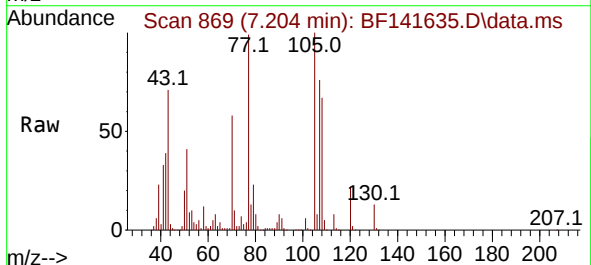
Tgt Ion: 70 Resp: 180770
Ion Ratio Lower Upper
70 100
42 67.8 57.4 86.2
101 10.3 8.0 12.0
130 21.6 16.9 25.3

Manual Integrations
APPROVED

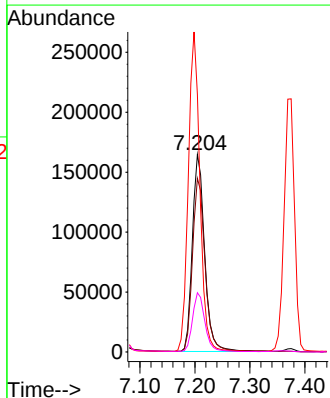
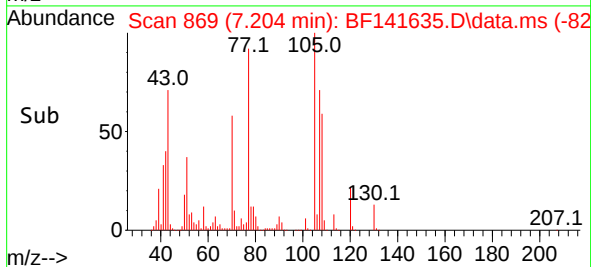
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

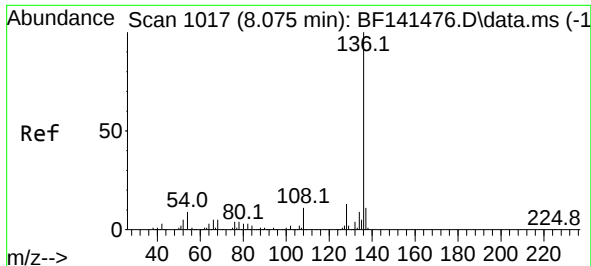


#20
3+4-Methylphenols
Concen: 45.214 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11



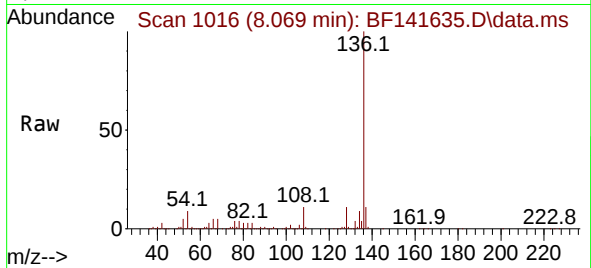
Tgt Ion:107 Resp: 255815
Ion Ratio Lower Upper
107 100
108 88.0 68.5 108.5
77 130.4 116.5 156.5
79 30.0 12.0 52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

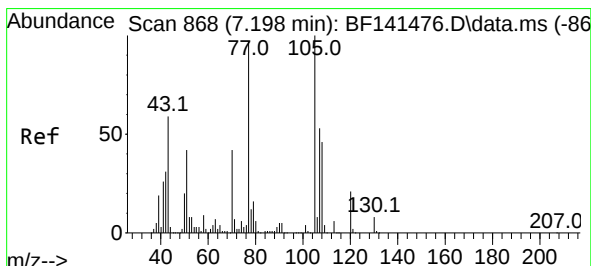
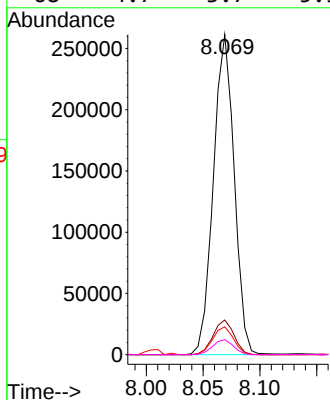
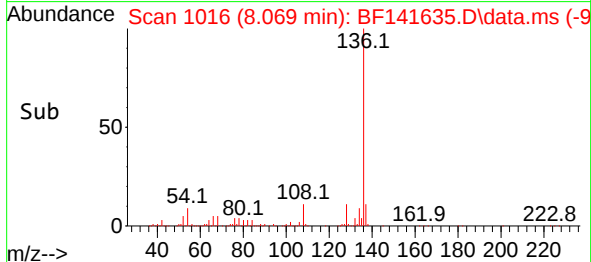
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMS



Tgt Ion:136 Resp: 333730
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.7 7.2 10.8
68 4.7 3.7 5.5

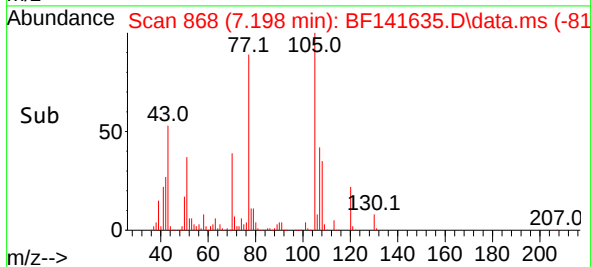
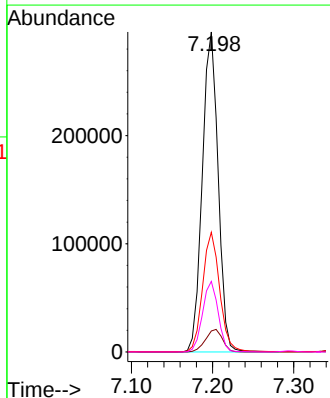
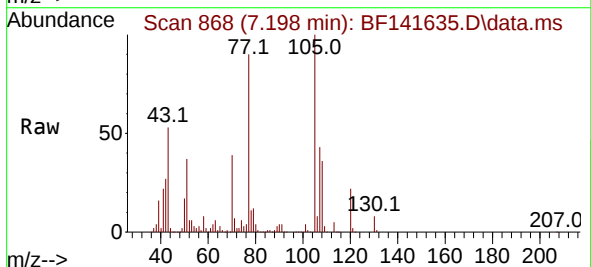
Manual Integrations
APPROVED

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



#22
Acetophenone
Concen: 48.215 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

Tgt Ion:105 Resp: 400267
Ion Ratio Lower Upper
105 100
71 6.5 5.7 8.5
51 37.4 33.7 50.5
120 22.1 17.0 25.6





#23

Nitrobenzene-d5

Concen: 95.901 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141635.D

Acq: 14 Feb 2025 13:11

Instrument :

BNA_F

ClientSampleId :

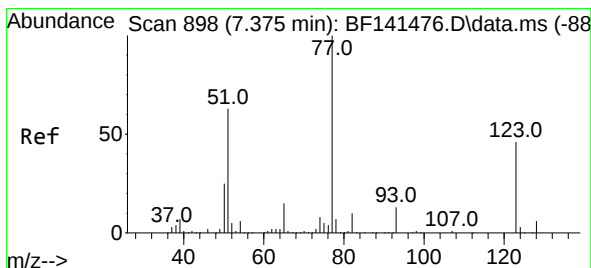
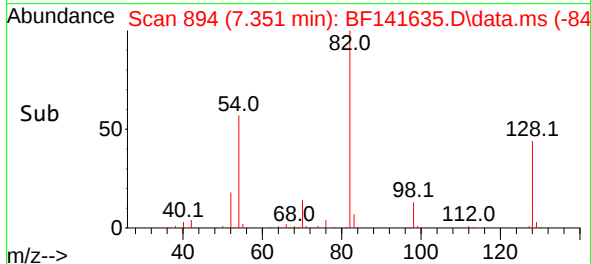
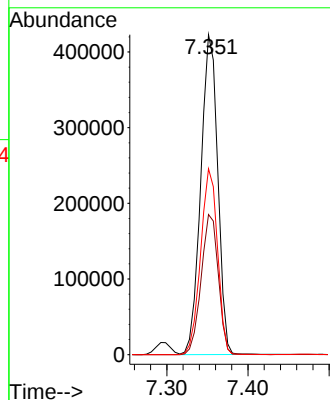
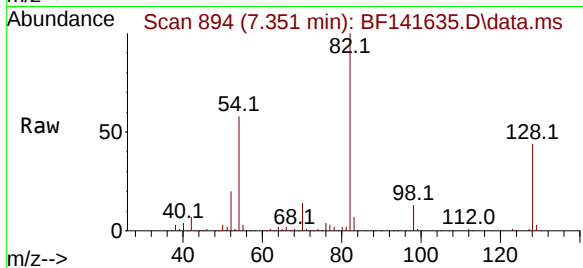
CARBON-WATERMS

Tgt Ion: 82 Resp: 613617
 Ion Ratio Lower Upper
 82 100
 128 43.8 34.8 52.2
 54 58.1 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: 44.493 ng

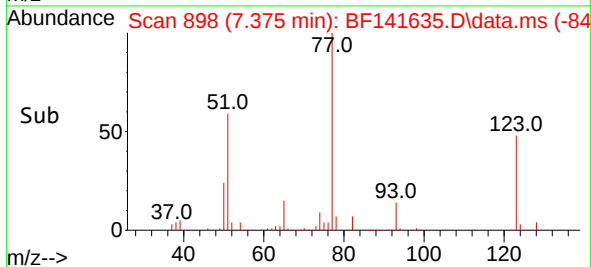
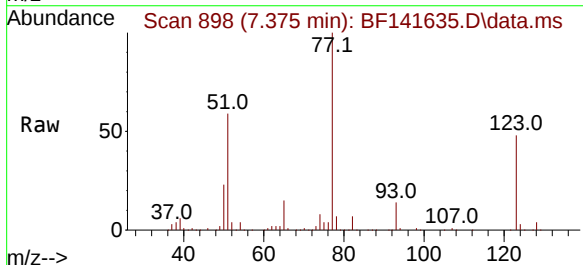
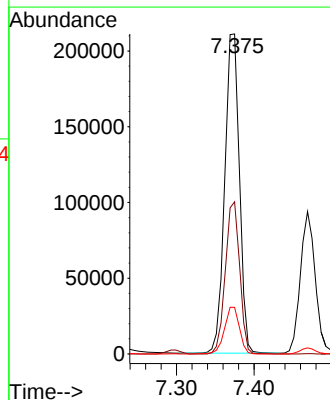
RT: 7.375 min Scan# 898

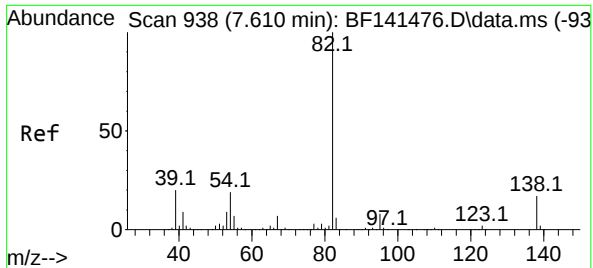
Delta R.T. -0.006 min

Lab File: BF141635.D

Acq: 14 Feb 2025 13:11

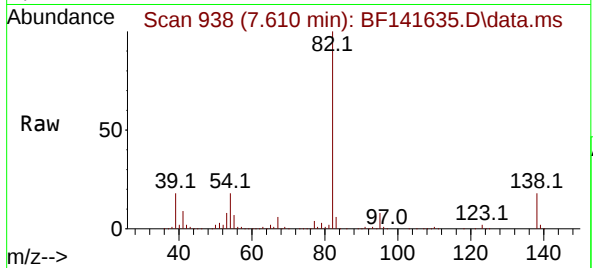
Tgt Ion: 77 Resp: 277605
 Ion Ratio Lower Upper
 77 100
 123 47.6 36.9 55.3
 65 14.6 11.9 17.9





#25
Isophorone
Concen: 47.241 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

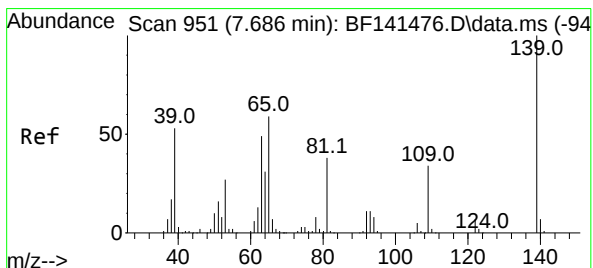
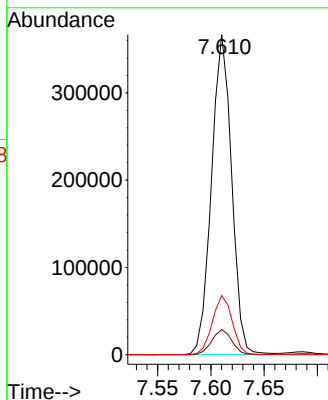
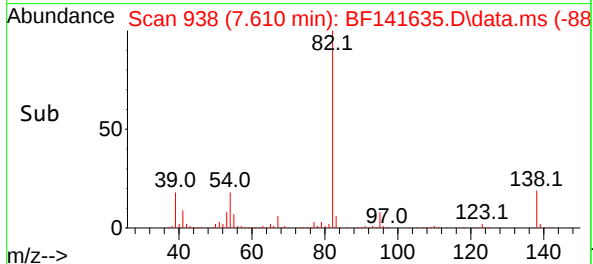
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMS



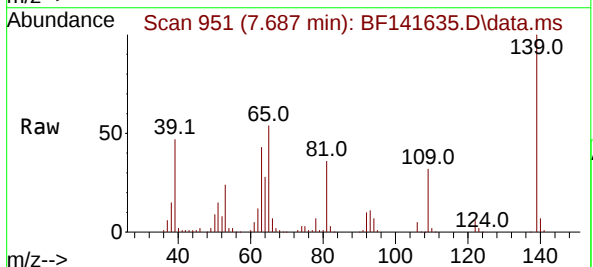
Tgt Ion: 82 Resp: 481954
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 18.4 13.9 20.9

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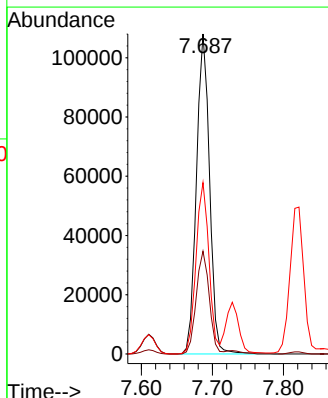
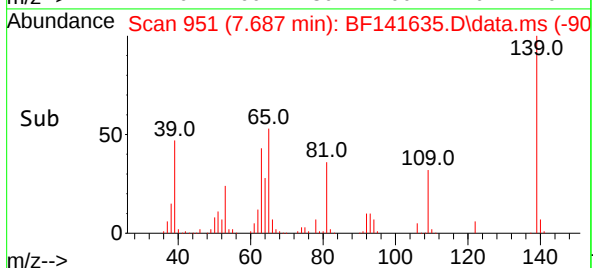
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#26
2-Nitrophenol
Concen: 44.902 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11



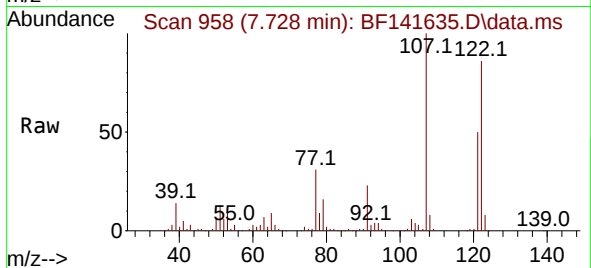
Tgt Ion:139 Resp: 139383
Ion Ratio Lower Upper
139 100
109 32.1 27.0 40.6
65 53.5 47.1 70.7





#27
2,4-Dimethylphenol
Concen: 57.126 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

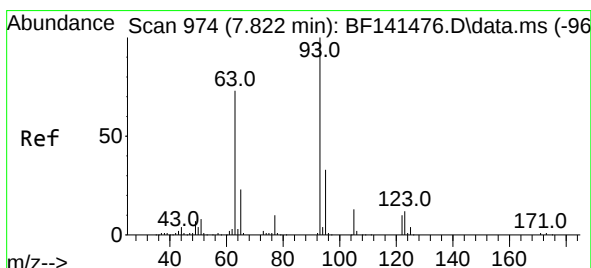
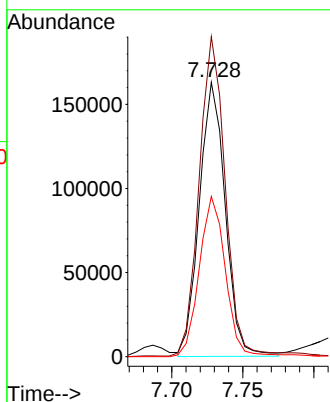
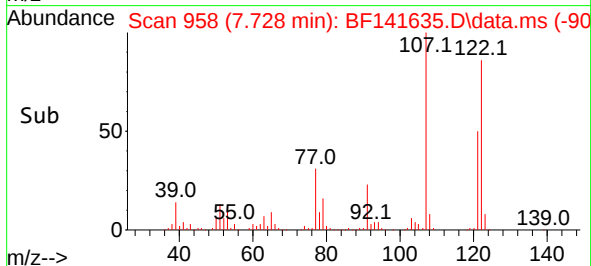
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMS



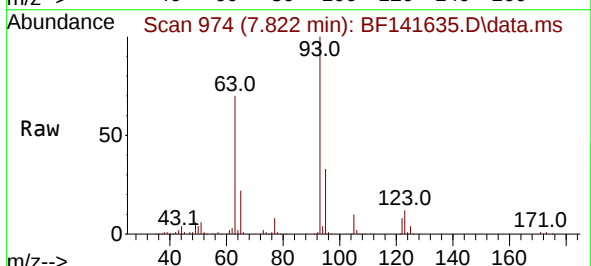
Tgt Ion:122 Resp: 207150
Ion Ratio Lower Upper
122 100
107 116.6 94.3 141.5
121 58.4 46.0 69.0

Manual Integrations
APPROVED

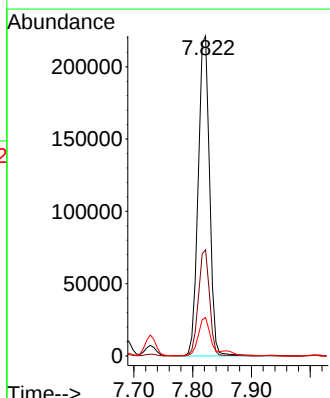
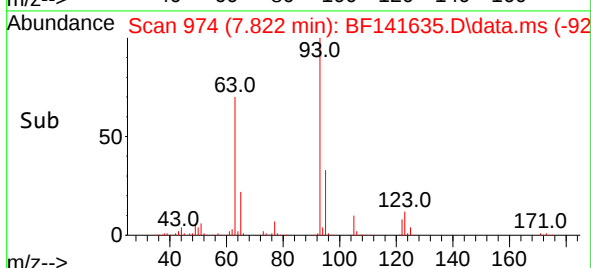
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#28
bis(2-Chloroethoxy)methane
Concen: 45.475 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11



Tgt Ion: 93 Resp: 297285
Ion Ratio Lower Upper
93 100
95 33.2 26.1 39.1
123 12.0 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 44.857 ng

RT: 7.934 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141635.D

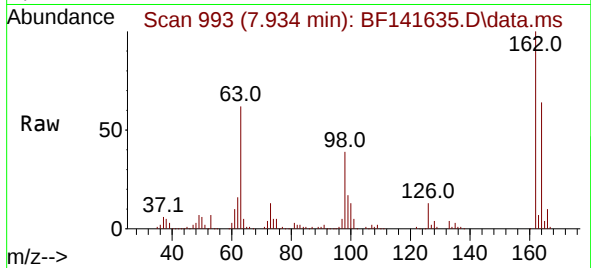
Acq: 14 Feb 2025 13:11

Instrument :

BNA_F

ClientSampleId :

CARBON-WATERMS



Tgt Ion:162 Resp: 219784

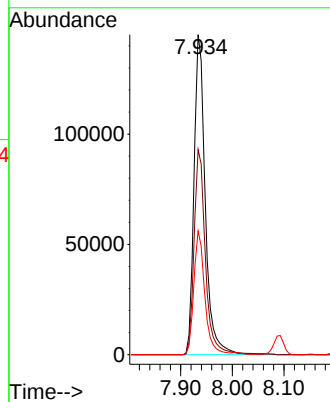
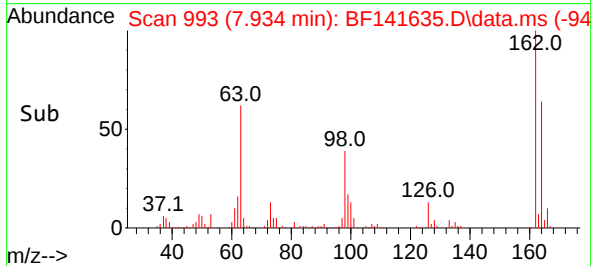
Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.6	84.6
98	38.6	17.2	57.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2025

Supervised By :Jagrut Upadhyay 02/19/2025



#30

1,2,4-Trichlorobenzene

Concen: 43.736 ng

RT: 8.010 min Scan# 1006

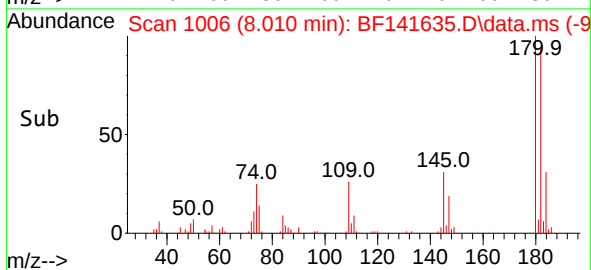
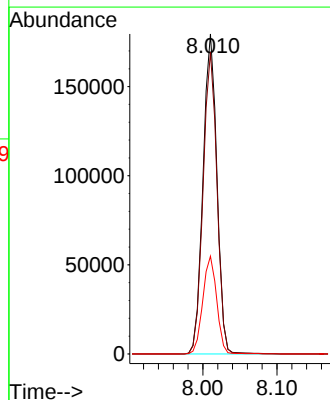
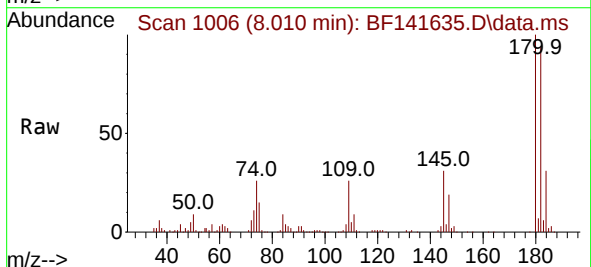
Delta R.T. -0.006 min

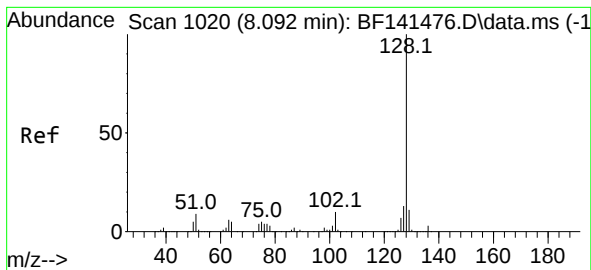
Lab File: BF141635.D

Acq: 14 Feb 2025 13:11

Tgt Ion:180 Resp: 233356

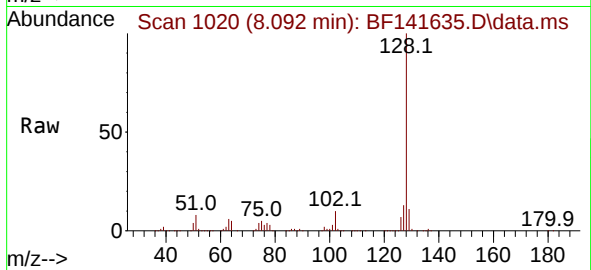
Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.8	115.2
145	30.6	24.2	36.4





#31
Naphthalene
Concen: 42.968 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

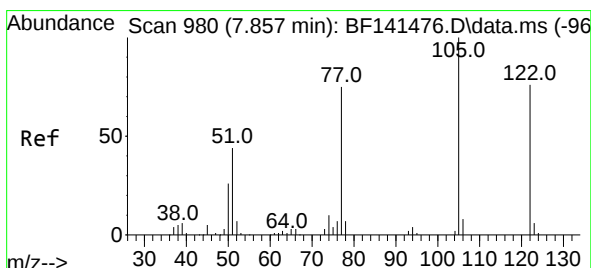
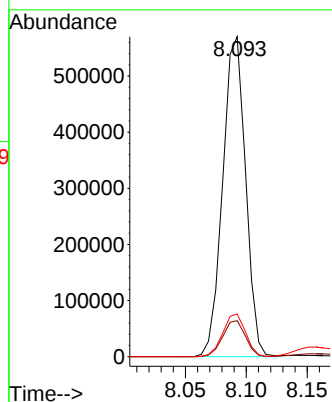
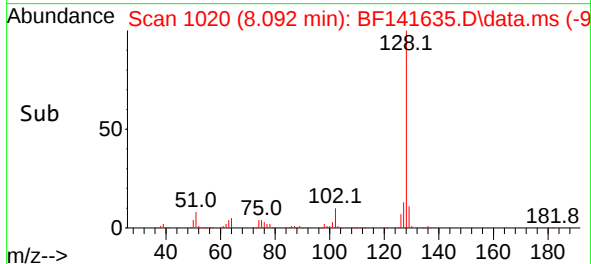
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMS



Tgt Ion:128 Resp: 746429
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.4 10.7 16.1

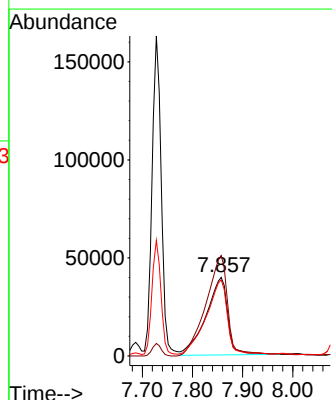
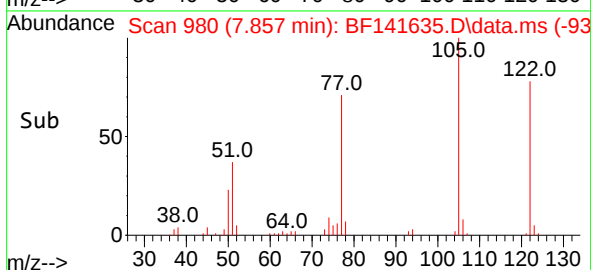
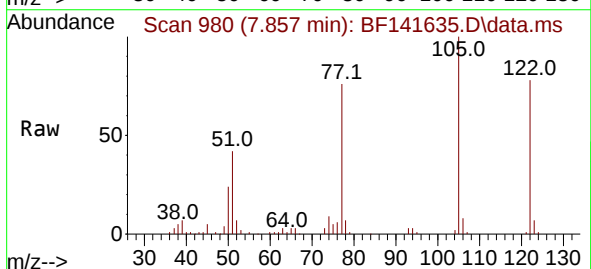
Manual Integrations
APPROVED

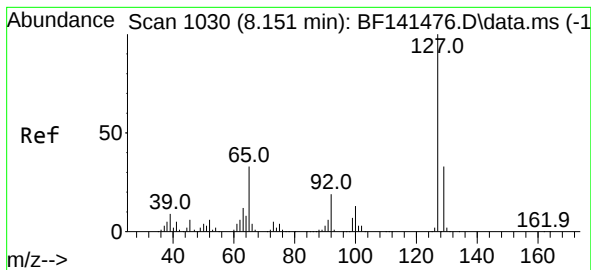
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#32
Benzoic acid
Concen: 31.858 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.035 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

Tgt Ion:122 Resp: 120000
Ion Ratio Lower Upper
122 100
105 127.9 106.5 146.5
77 97.0 76.3 116.3





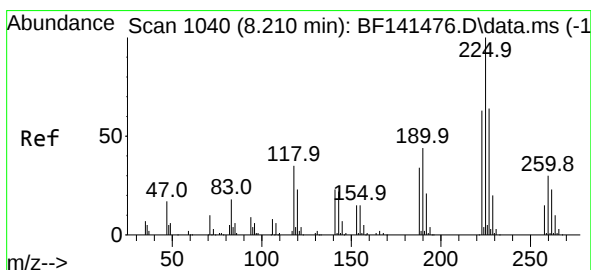
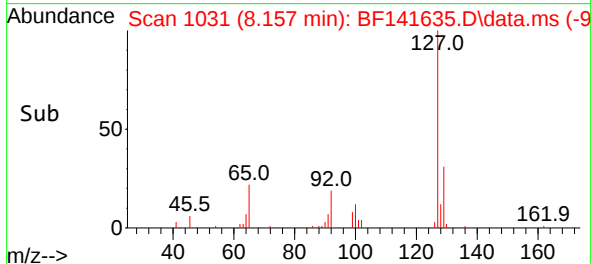
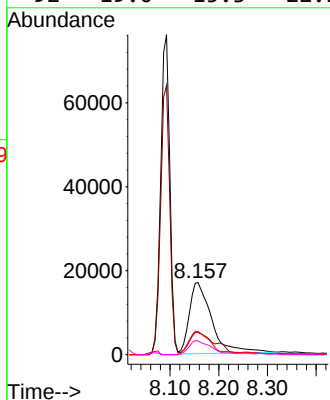
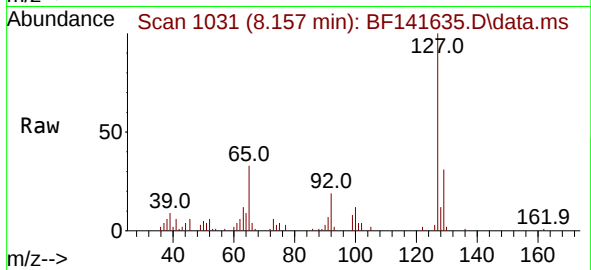
#33
4-Chloroaniline
Concen: 8.903 ng
RT: 8.157 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMS

Tgt Ion:	127	Resp:	5400
Ion Ratio	Lower	Upper	
127	100		
129	30.7	26.5	39.7
65	32.5	26.4	39.6
92	19.0	15.3	22.9

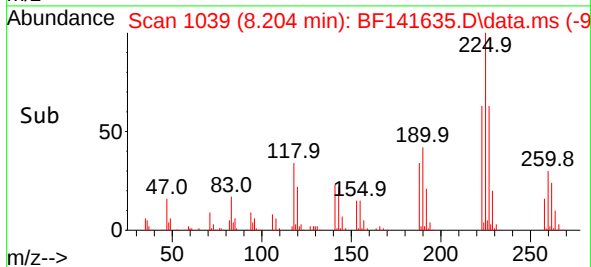
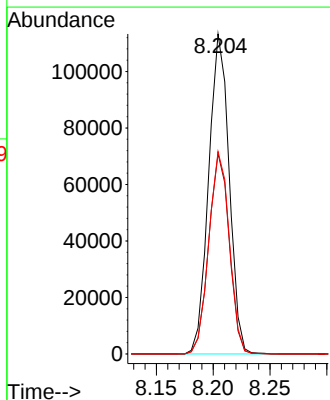
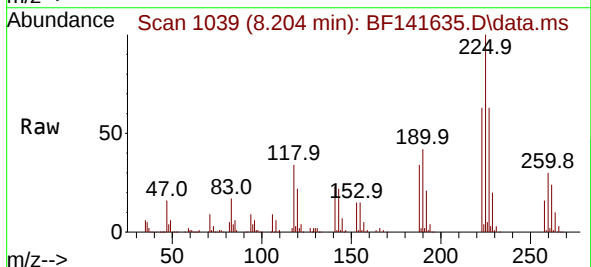
Manual Integrations
APPROVED

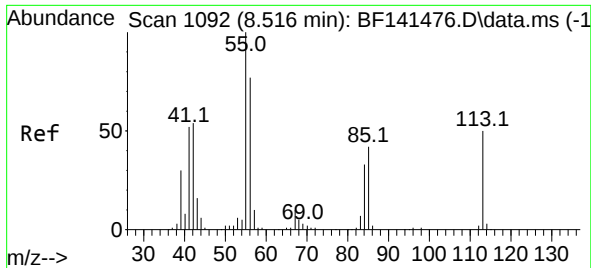
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#34
Hexachlorobutadiene
Concen: 44.283 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

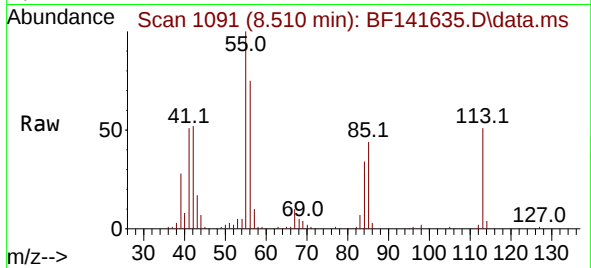
Tgt Ion:	225	Resp:	141846
Ion Ratio	Lower	Upper	
225	100		
223	62.6	50.1	75.1
227	63.2	51.0	76.6





#35
Caprolactam
Concen: 38.862 ng m
RT: 8.510 min Scan# 1092
Delta R.T. -0.035 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

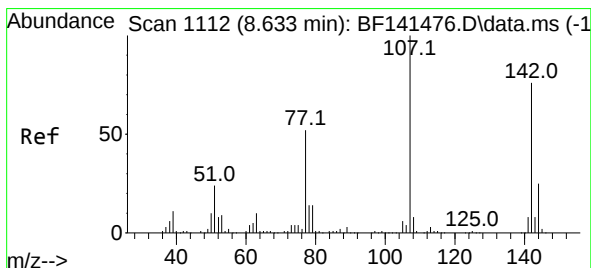
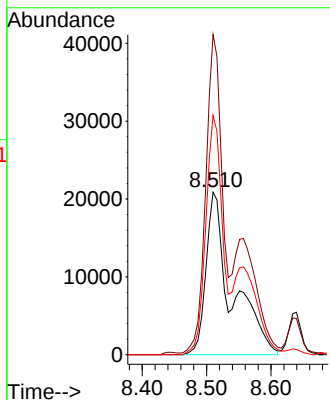
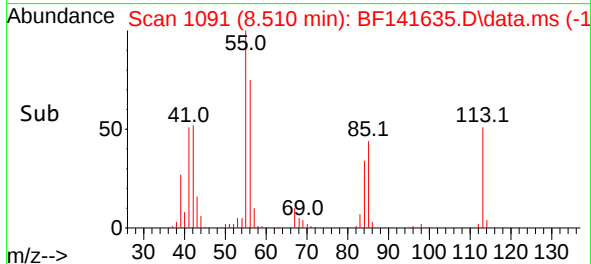
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMS



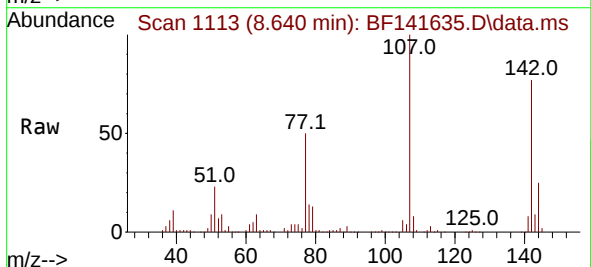
Tgt Ion:113 Resp: 57974
Ion Ratio Lower Upper
113 100
55 197.0 180.8 220.8
56 147.2 133.6 173.6

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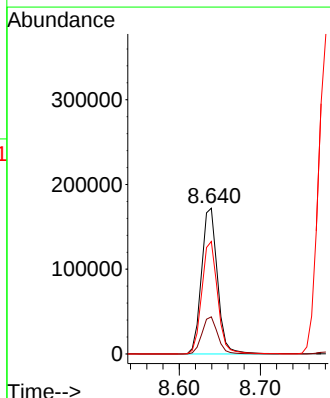
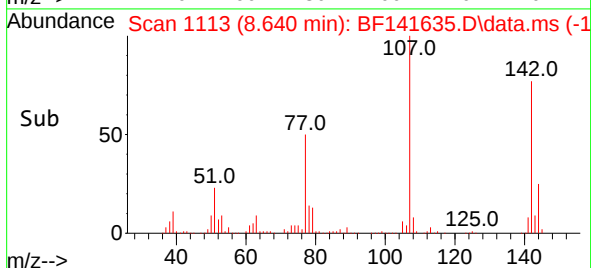
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

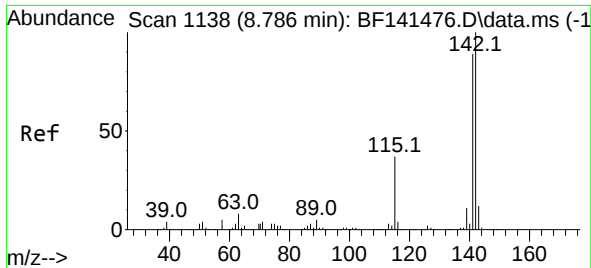


#36
4-Chloro-3-methylphenol
Concen: 43.331 ng
RT: 8.640 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11



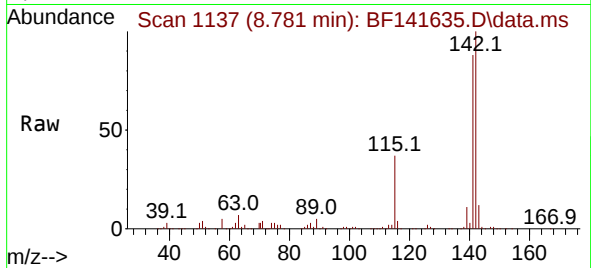
Tgt Ion:107 Resp: 235173
Ion Ratio Lower Upper
107 100
144 25.4 19.7 29.5
142 77.1 60.8 91.2





#37
2-Methylnaphthalene
Concen: 42.527 ng
RT: 8.781 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

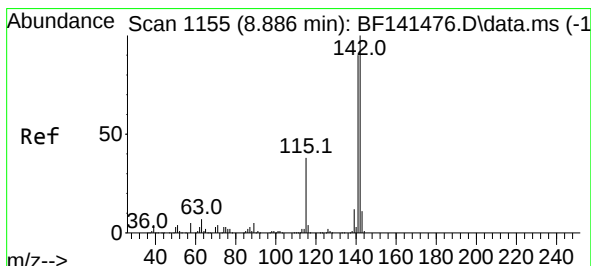
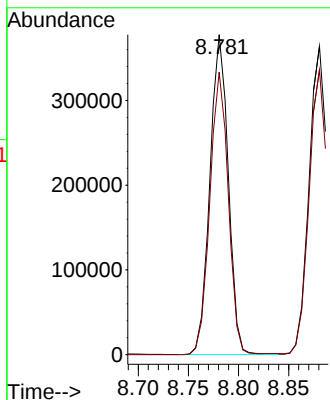
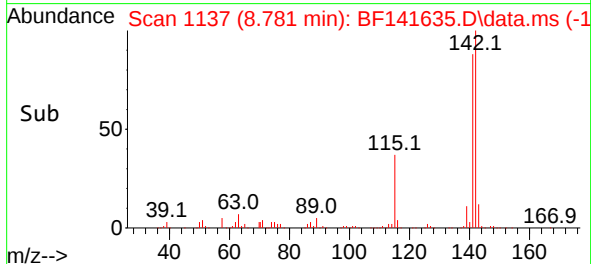
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMS



Tgt Ion:142 Resp: 480749
Ion Ratio Lower Upper
142 100
141 88.3 71.2 106.8

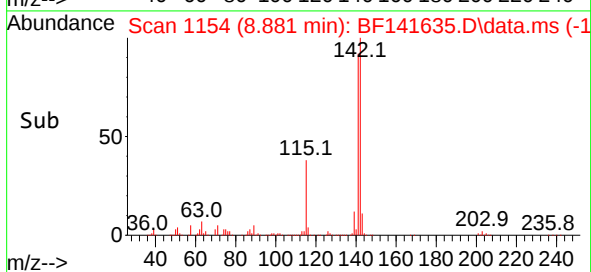
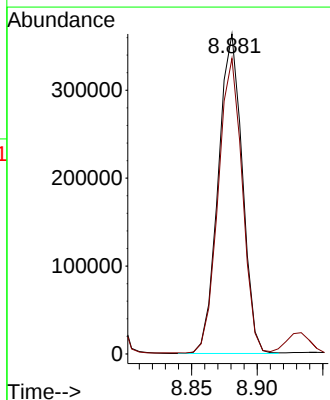
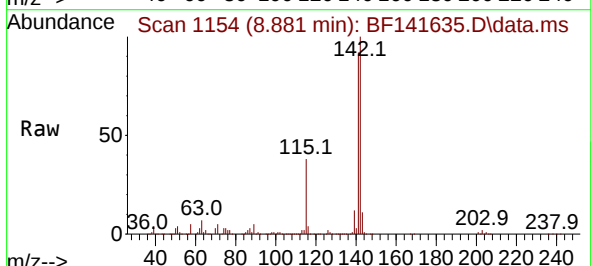
Manual Integrations
APPROVED

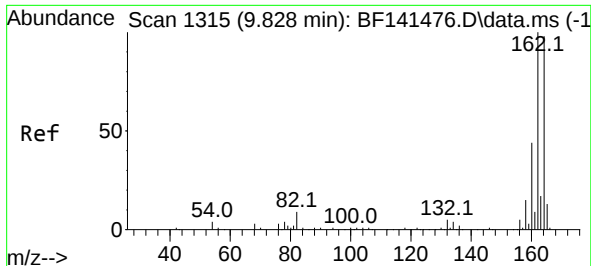
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#38
1-Methylnaphthalene
Concen: 42.374 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

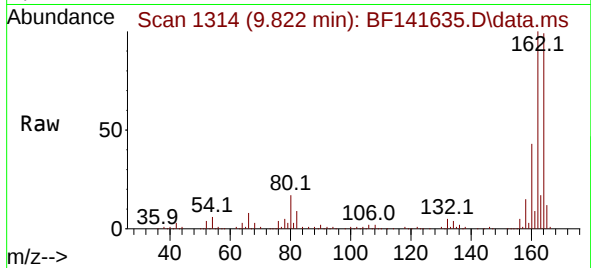
Tgt Ion:142 Resp: 463938
Ion Ratio Lower Upper
142 100
141 92.3 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

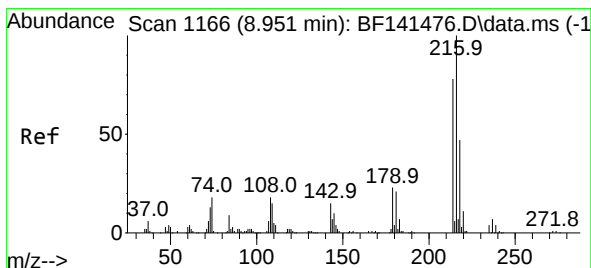
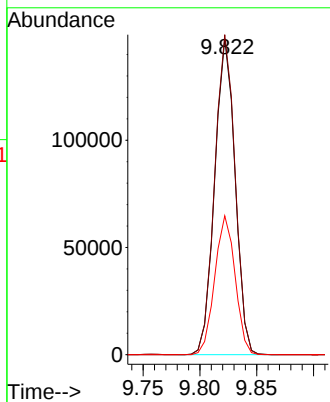
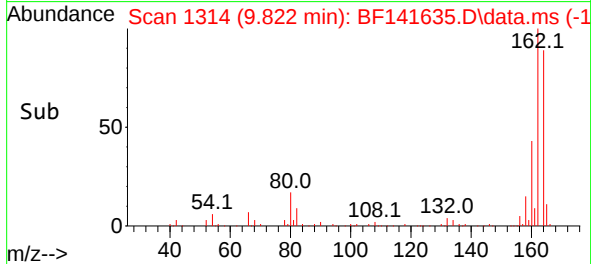
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMS



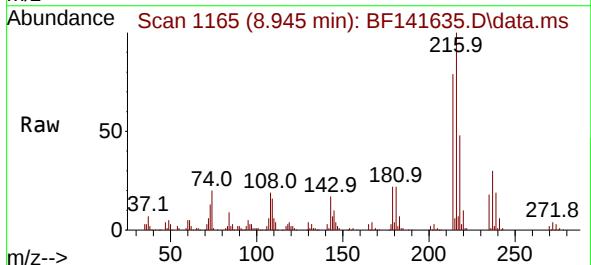
Tgt Ion:164 Resp: 183629
Ion Ratio Lower Upper
164 100
162 101.3 81.3 121.9
160 44.0 35.9 53.9

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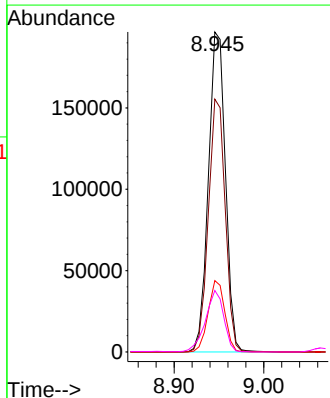
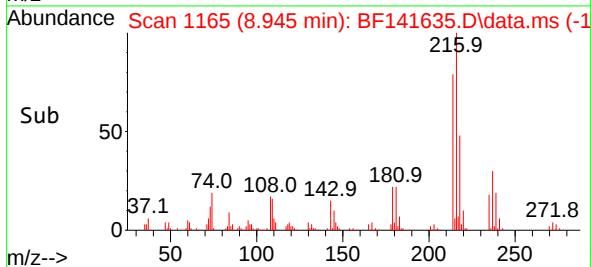
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.806 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11



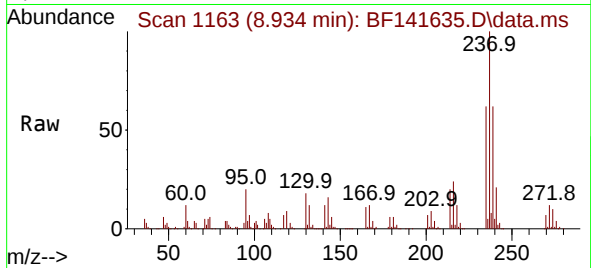
Tgt Ion:216 Resp: 259283
Ion Ratio Lower Upper
216 100
214 78.4 62.3 93.5
179 21.8 18.0 27.0
108 20.8 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 144.126 ng
RT: 8.934 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

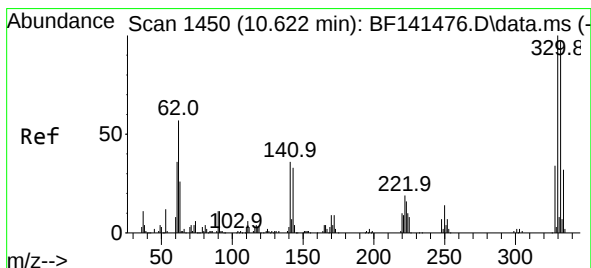
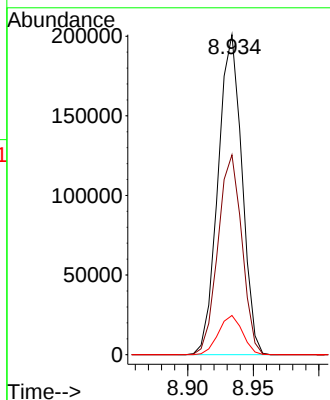
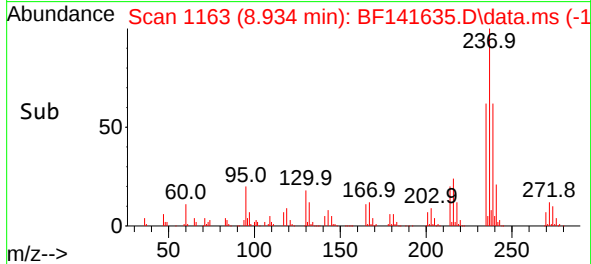
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMS



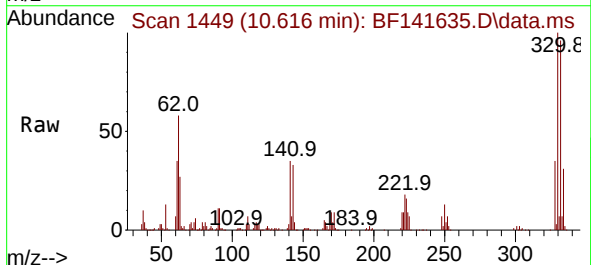
Tgt Ion:237 Resp: 25466
Ion Ratio Lower Upper
237 100
235 62.5 41.4 81.4
272 12.3 0.0 32.4

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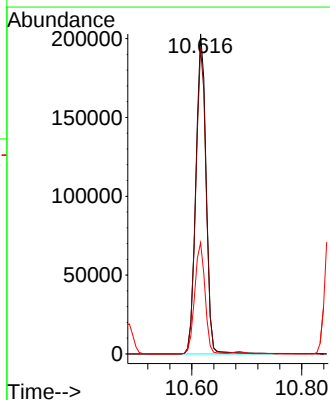
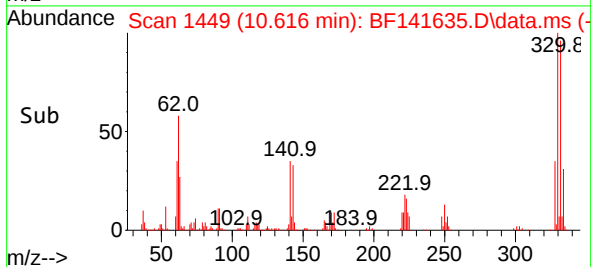
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#42
2,4,6-Tribromophenol
Concen: 143.067 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11



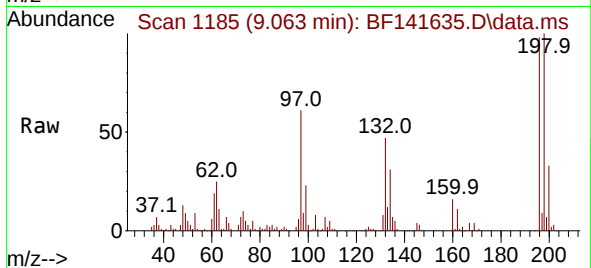
Tgt Ion:330 Resp: 263901
Ion Ratio Lower Upper
330 100
332 96.1 78.5 117.7
141 34.8 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 43.956 ng
RT: 9.063 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

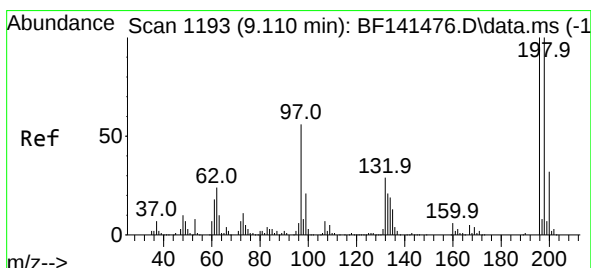
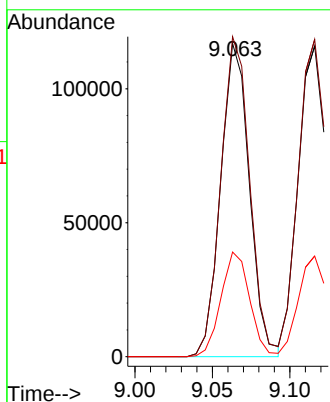
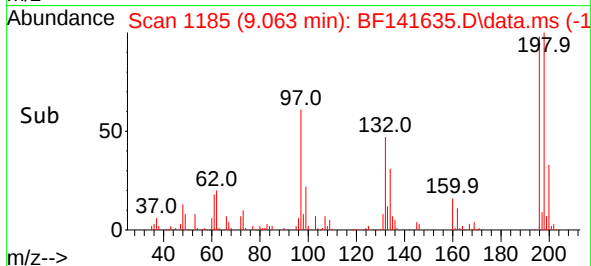
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMS



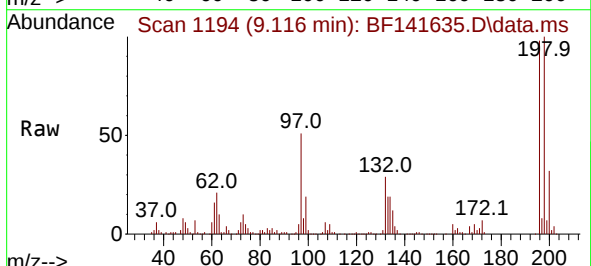
Tgt Ion:196 Resp: 150924
Ion Ratio Lower Upper
196 100
198 102.2 80.6 121.0
200 33.4 25.5 38.3

Manual Integrations
APPROVED

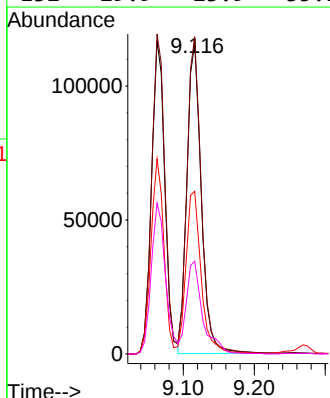
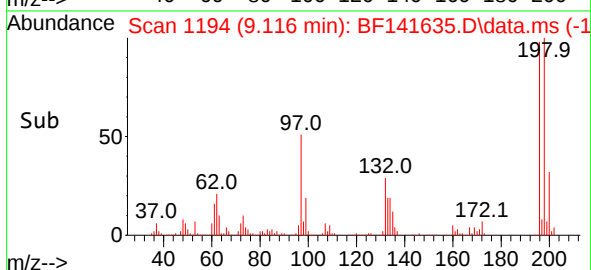
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#44
2,4,5-Trichlorophenol
Concen: 43.826 ng
RT: 9.116 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11



Tgt Ion:196 Resp: 163085
Ion Ratio Lower Upper
196 100
198 102.1 79.8 119.8
97 52.4 44.8 67.2
132 29.9 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 94.311 ng

RT: 9.145 min Scan# 1119

Delta R.T. -0.006 min

Lab File: BF141635.D

Acq: 14 Feb 2025 13:11

Instrument :

BNA_F

ClientSampleId :

CARBON-WATERMS

Tgt Ion:172 Resp: 112406

Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

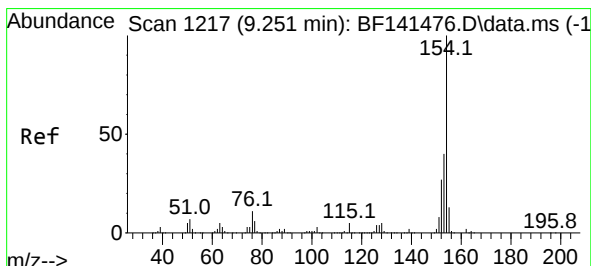
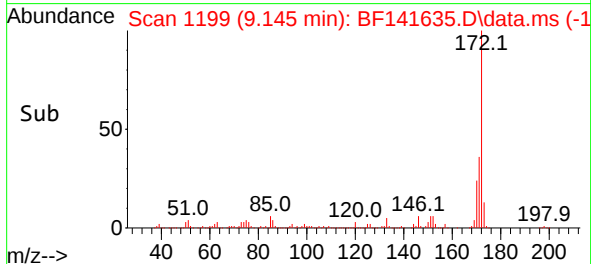
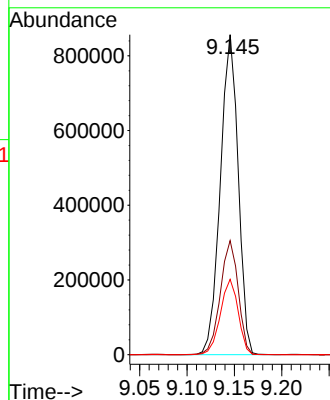
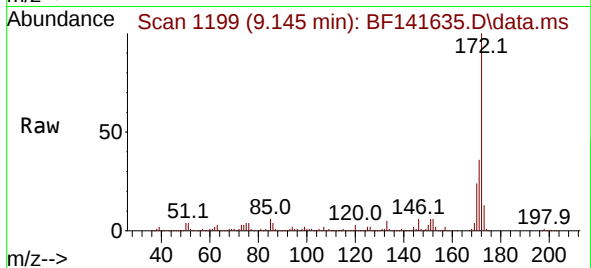
170 23.6 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2025

Supervised By :Jagrut Upadhyay 02/19/2025



#46

1,1'-Biphenyl

Concen: 49.589 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF141635.D

Acq: 14 Feb 2025 13:11

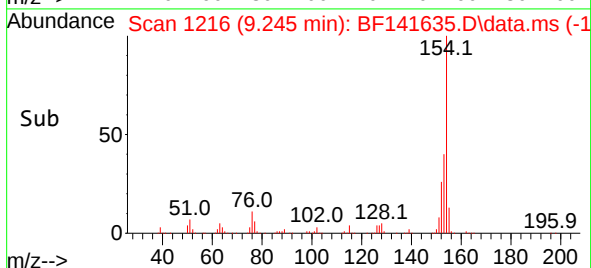
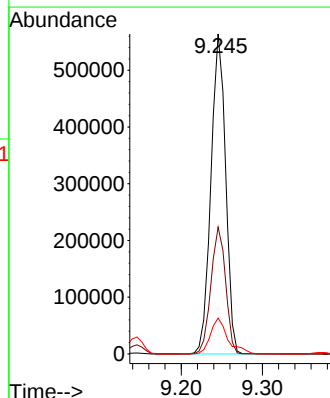
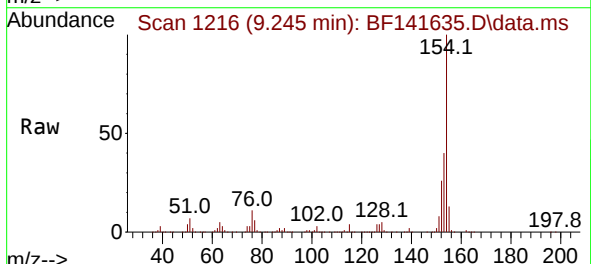
Tgt Ion:154 Resp: 705956

Ion Ratio Lower Upper

154 100

153 39.7 20.4 60.4

76 11.2 0.0 30.8





#47

2-Chloronaphthalene

Concen: 45.423 ng

RT: 9.269 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141635.D

Acq: 14 Feb 2025 13:11

Instrument :

BNA_F

ClientSampleId :

CARBON-WATERMS

Tgt Ion:162 Resp: 47818

Ion Ratio Lower Upper

162 100

127 41.7 34.1 51.1

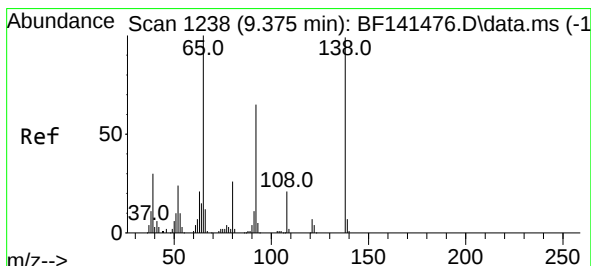
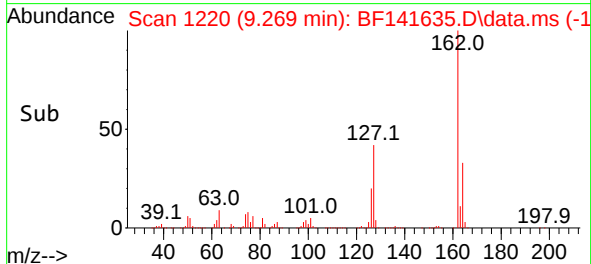
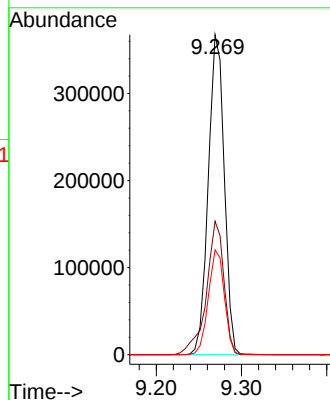
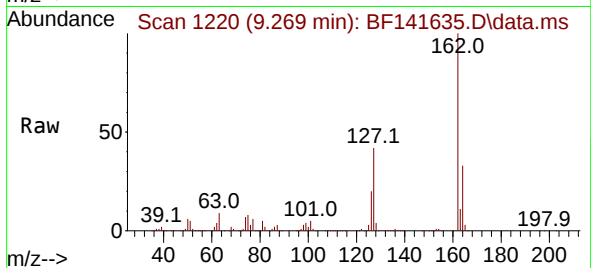
164 32.8 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2025

Supervised By :Jagrut Upadhyay 02/19/2025



#48

2-Nitroaniline

Concen: 43.466 ng

RT: 9.369 min Scan# 1237

Delta R.T. -0.012 min

Lab File: BF141635.D

Acq: 14 Feb 2025 13:11

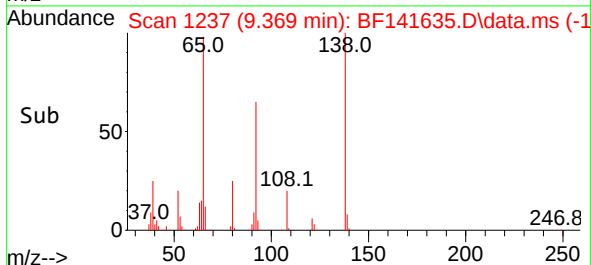
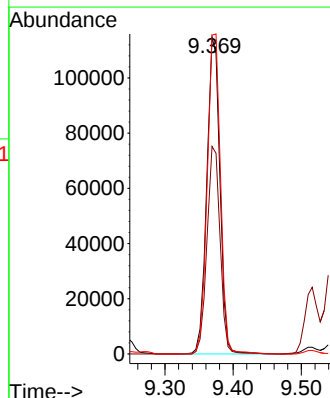
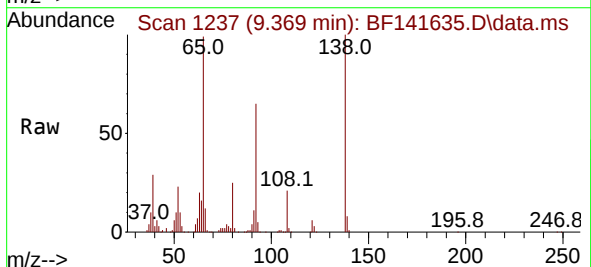
Tgt Ion: 65 Resp: 153564

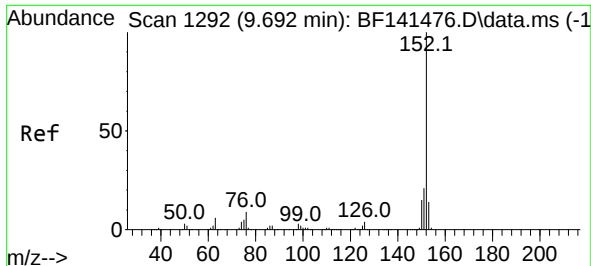
Ion Ratio Lower Upper

65 100

92 65.5 52.2 78.2

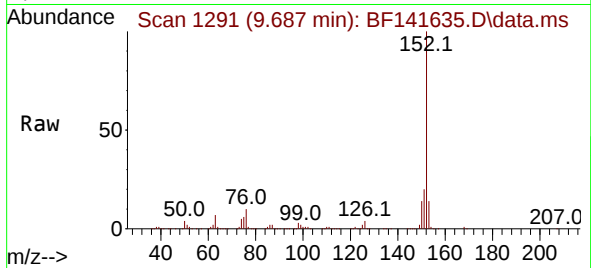
138 100.7 79.5 119.3





#49
Acenaphthylene
Concen: 46.329 ng
RT: 9.687 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

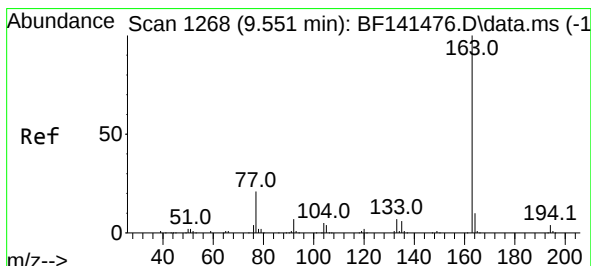
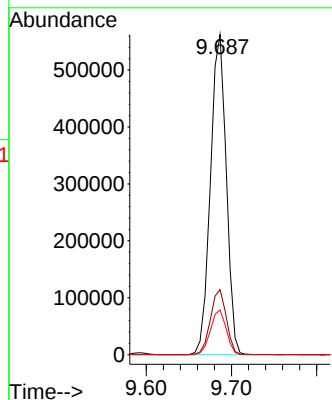
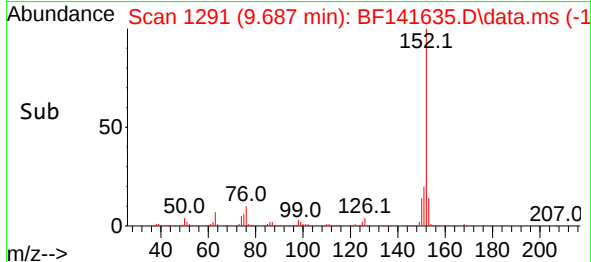
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMS



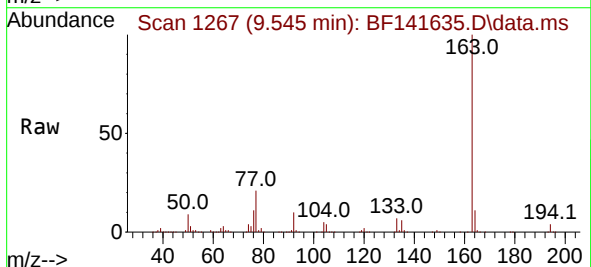
Tgt Ion:152 Resp: 725425
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 14.0 10.9 16.3

Manual Integrations
APPROVED

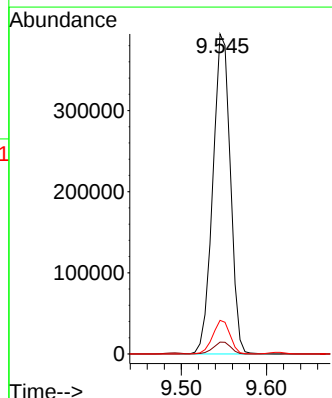
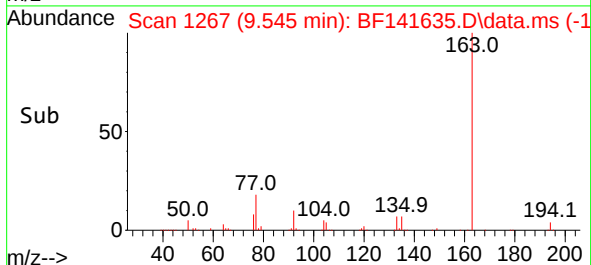
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

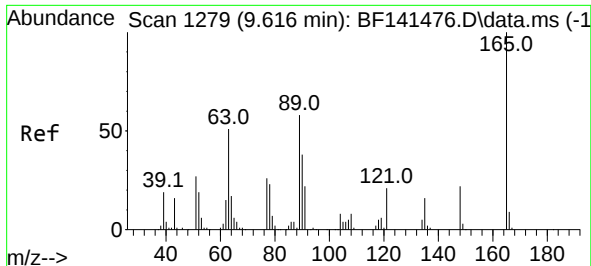


#50
Dimethylphthalate
Concen: 45.120 ng
RT: 9.545 min Scan# 1267
Delta R.T. -0.017 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11



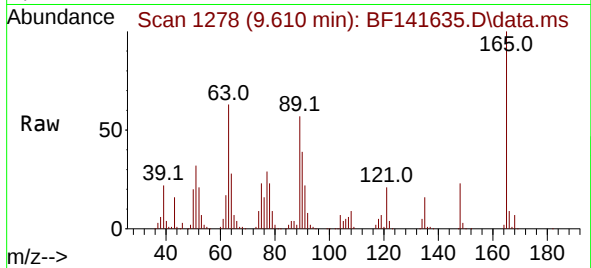
Tgt Ion:163 Resp: 562461
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.5 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 45.651 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

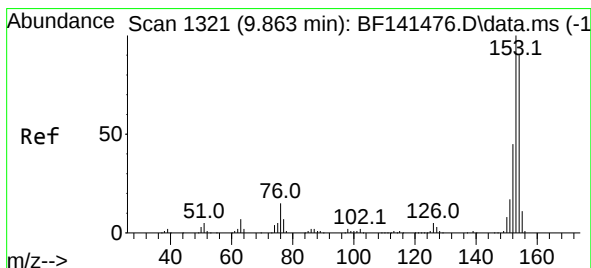
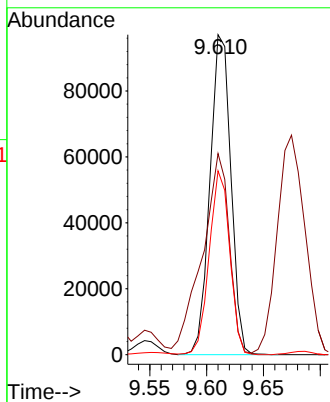
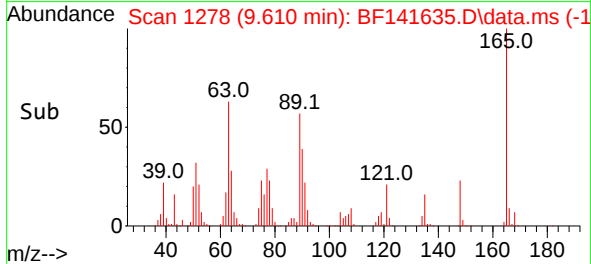
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMS



Tgt Ion:165 Resp: 12440
Ion Ratio Lower Upper
165 100
63 62.8 49.4 74.0
89 57.5 46.5 69.7

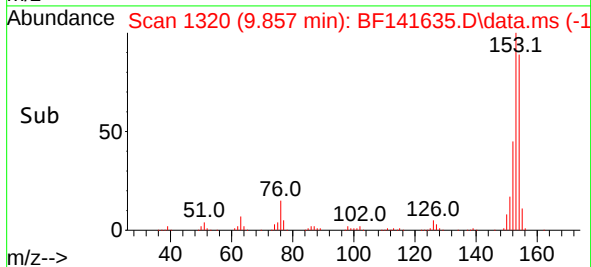
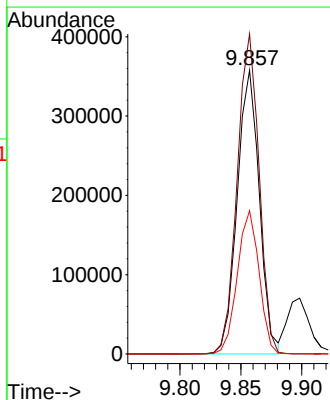
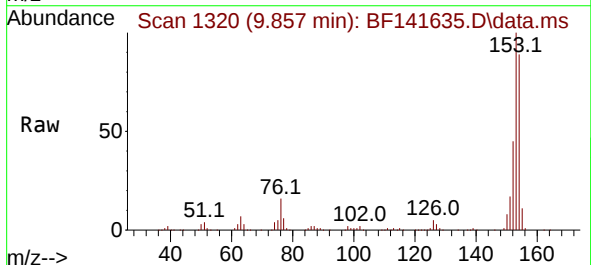
Manual Integrations
APPROVED

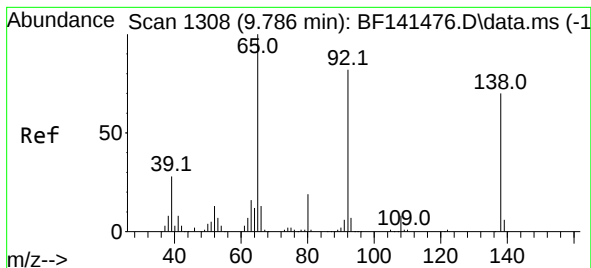
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#52
Acenaphthene
Concen: 43.127 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

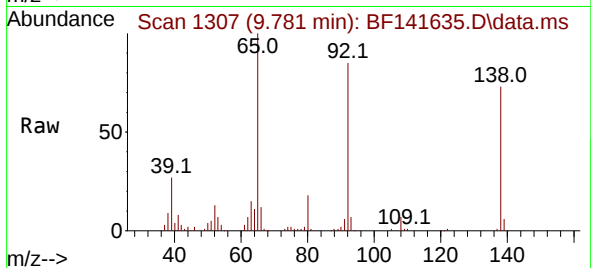
Tgt Ion:154 Resp: 453985
Ion Ratio Lower Upper
154 100
153 112.8 89.2 133.8
152 50.5 39.8 59.8





#53
3-Nitroaniline
Concen: 17.951 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

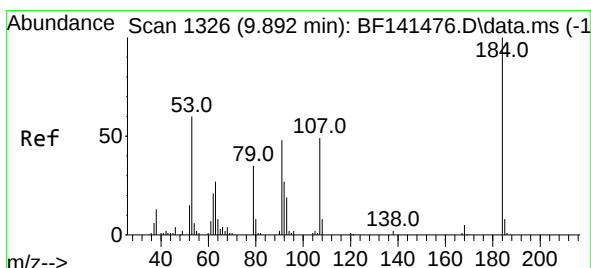
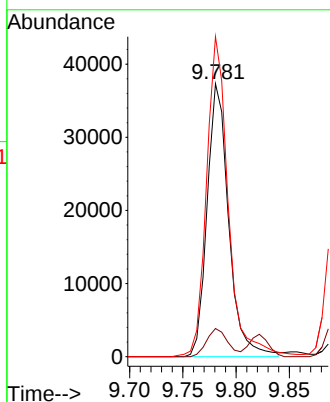
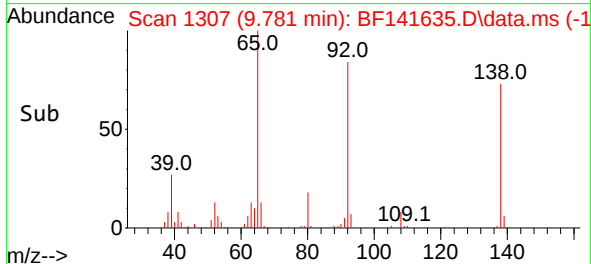
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMS



Tgt Ion:138 Resp: 52650
Ion Ratio Lower Upper
138 100
108 10.3 9.0 13.4
92 117.3 93.7 140.5

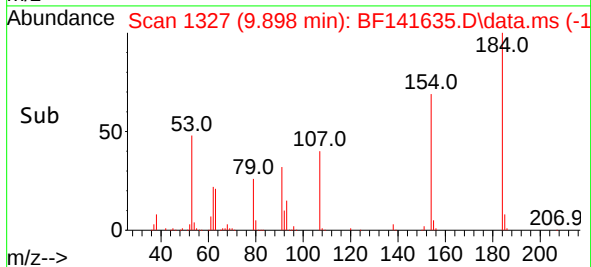
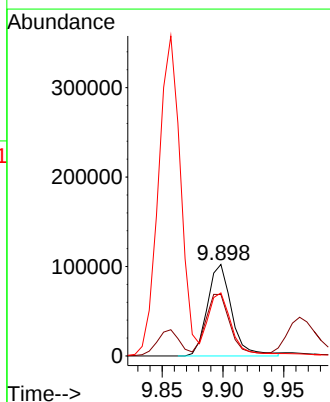
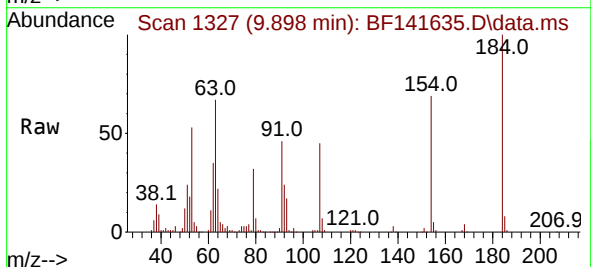
Manual Integrations
APPROVED

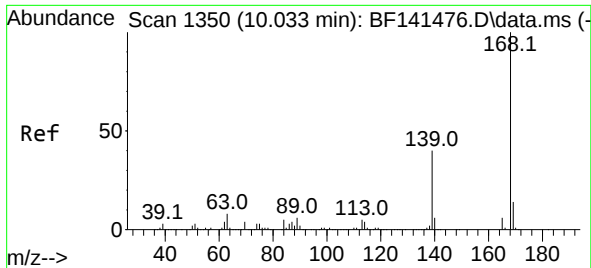
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#54
2,4-Dinitrophenol
Concen: 87.571 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

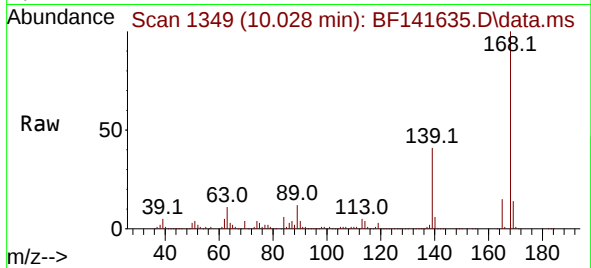
Tgt Ion:184 Resp: 141831
Ion Ratio Lower Upper
184 100
63 67.1 61.0 91.6
154 68.9 59.9 89.9





#55
Dibenzenofuran
Concen: 42.998 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

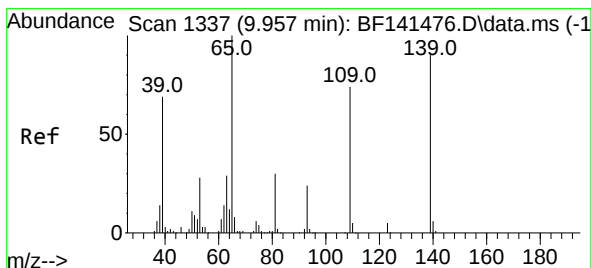
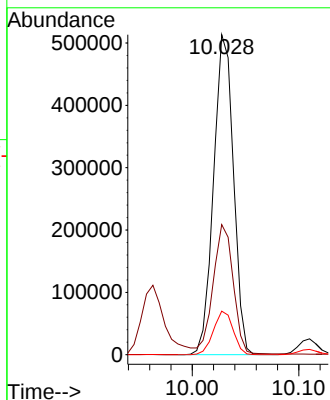
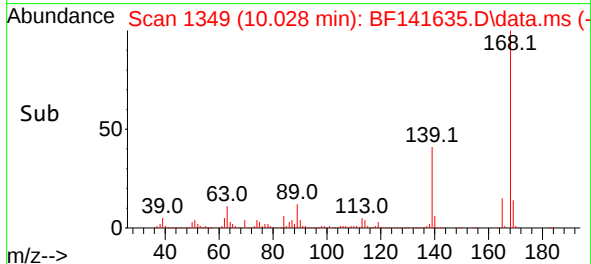
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMS



Tgt Ion:168 Resp: 664370
Ion Ratio Lower Upper
168 100
139 40.7 32.7 49.1
169 13.6 10.8 16.2

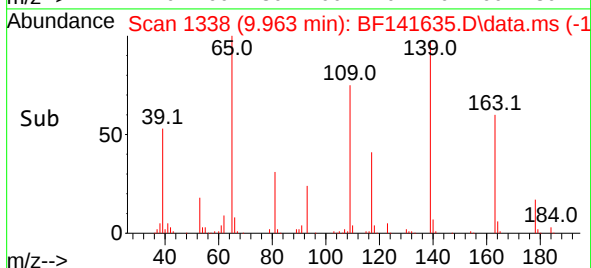
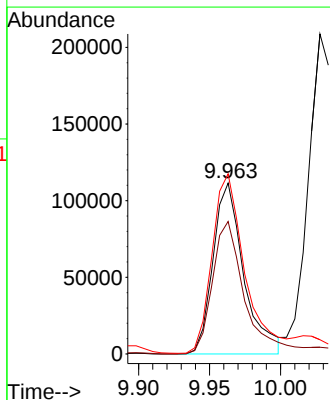
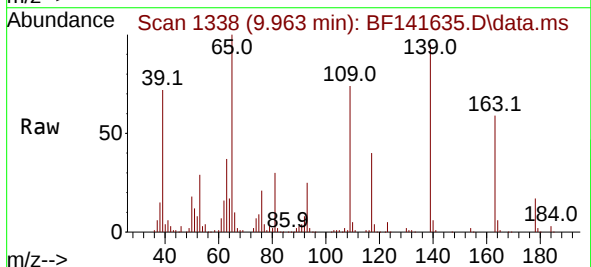
Manual Integrations
APPROVED

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



#56
4-Nitrophenol
Concen: 77.157 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

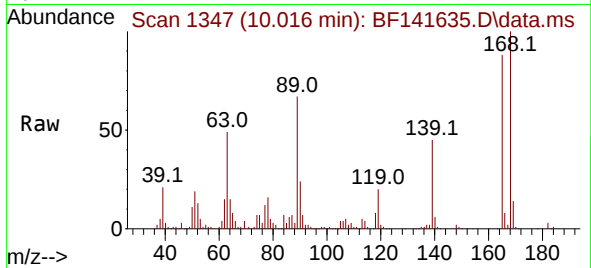
Tgt Ion:139 Resp: 167993
Ion Ratio Lower Upper
139 100
109 77.5 62.0 102.0
65 105.4 91.2 131.2





#57
2,4-Dinitrotoluene
Concen: 46.887 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

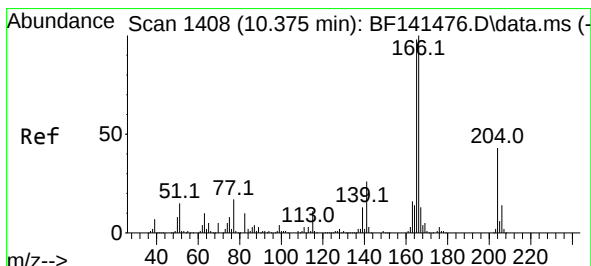
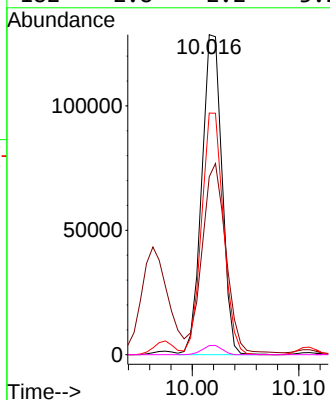
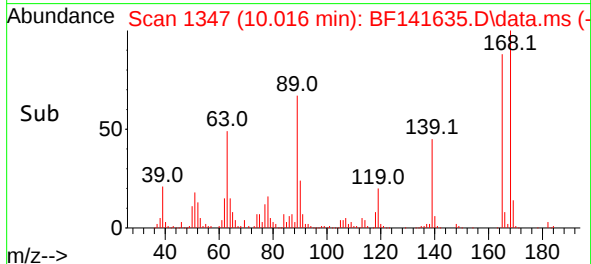
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMS



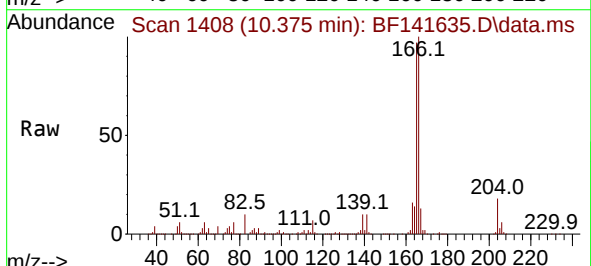
Tgt Ion:165 Resp: 17009
Ion Ratio Lower Upper
165 100
63 55.6 46.4 69.6
89 75.5 61.8 92.6
182 2.8 2.2 3.2

Manual Integrations
APPROVED

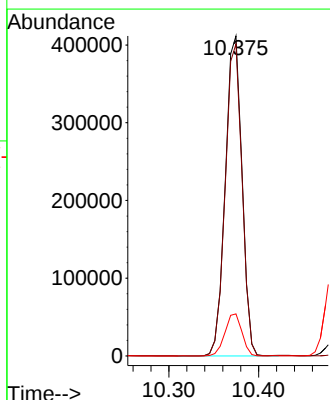
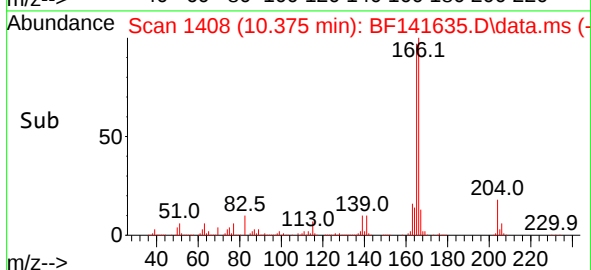
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#58
Fluorene
Concen: 44.581 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11



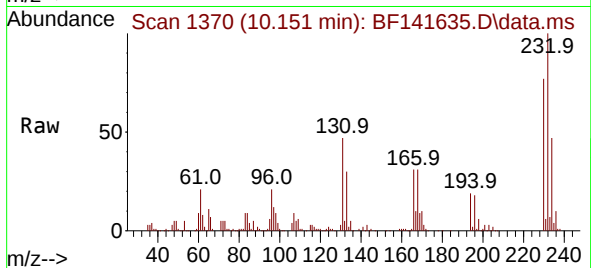
Tgt Ion:166 Resp: 532609
Ion Ratio Lower Upper
166 100
165 97.4 78.2 117.2
167 13.2 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.249 ng
RT: 10.151 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

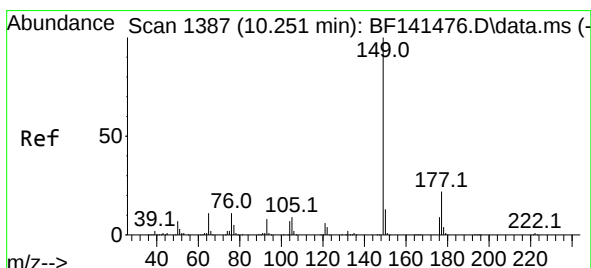
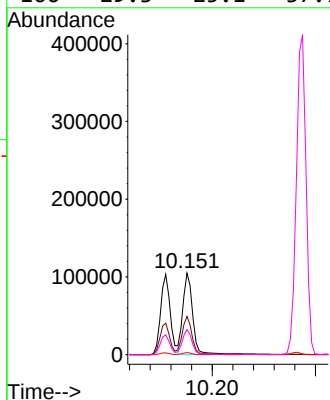
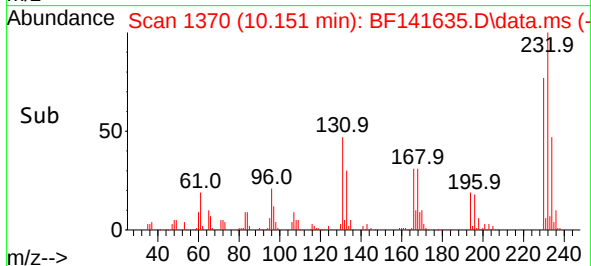
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMS



Tgt Ion:232 Resp: 13855
Ion Ratio Lower Upper
232 100
131 47.1 39.2 58.8
130 2.4 2.1 3.1
166 29.3 25.1 37.7

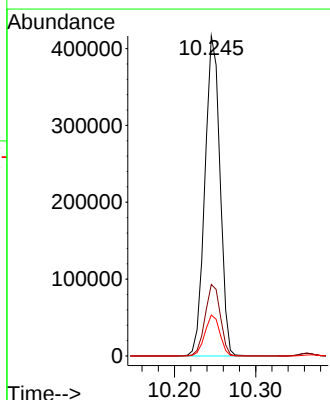
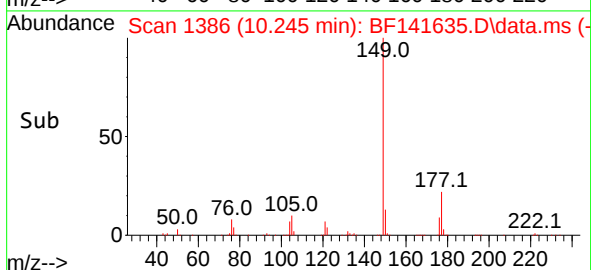
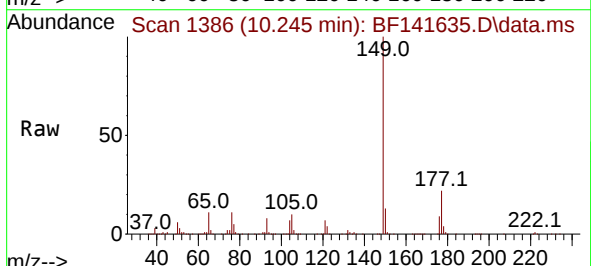
Manual Integrations
APPROVED

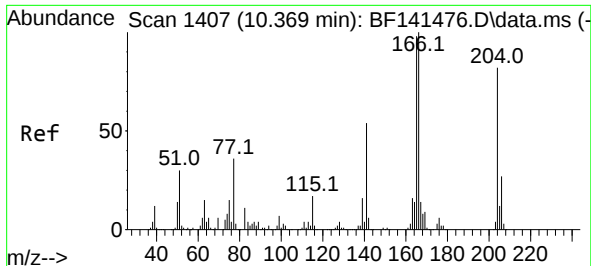
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#60
Diethylphthalate
Concen: 43.763 ng
RT: 10.245 min Scan# 1386
Delta R.T. -0.012 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

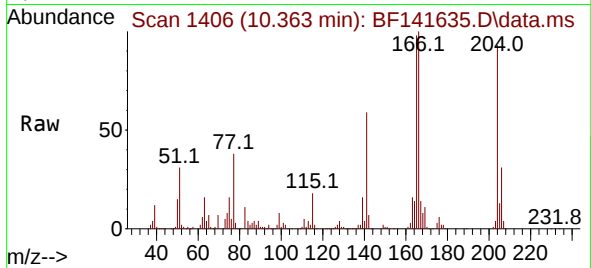
Tgt Ion:149 Resp: 536744
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.6
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 44.318 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.012 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

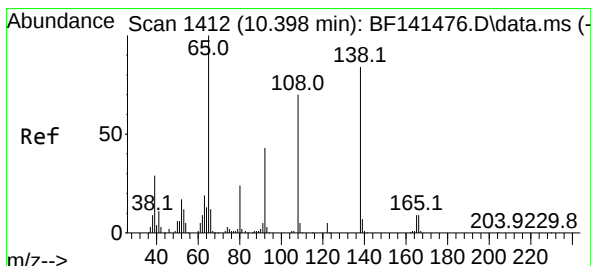
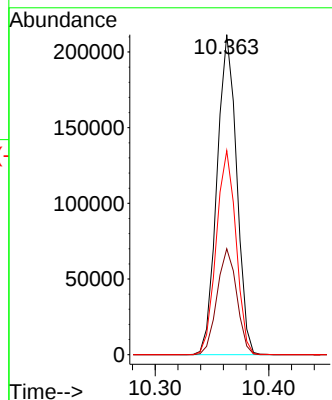
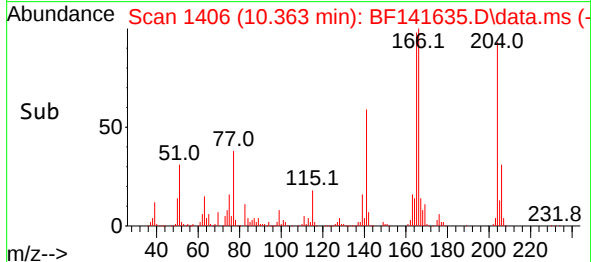
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMS



Tgt Ion:204 Resp: 254718
Ion Ratio Lower Upper
204 100
206 33.1 26.6 40.0
141 63.7 51.9 77.9

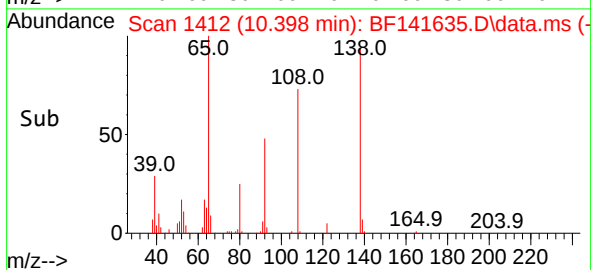
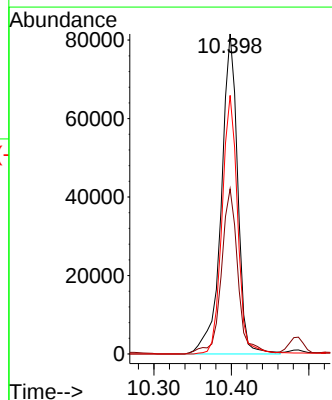
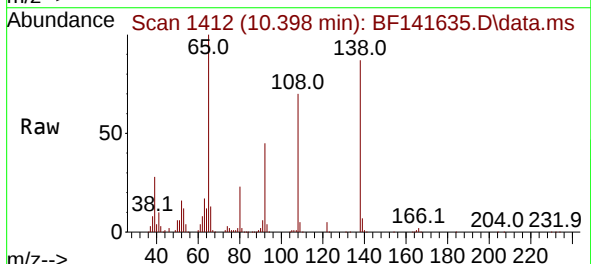
Manual Integrations
APPROVED

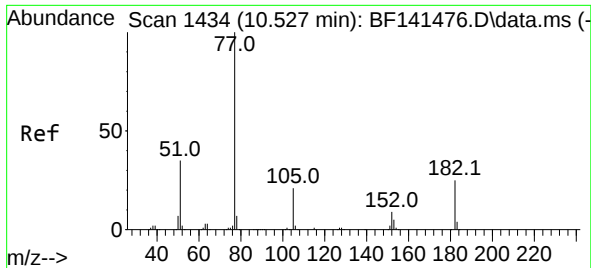
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#62
4-Nitroaniline
Concen: 40.299 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.017 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

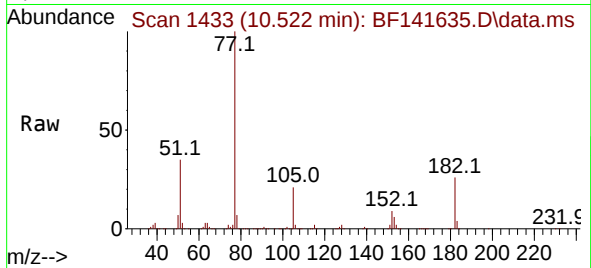
Tgt Ion:138 Resp: 120020
Ion Ratio Lower Upper
138 100
92 51.6 31.3 71.3
108 80.8 63.7 103.7





#63
Azobenzene
Concen: 42.291 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

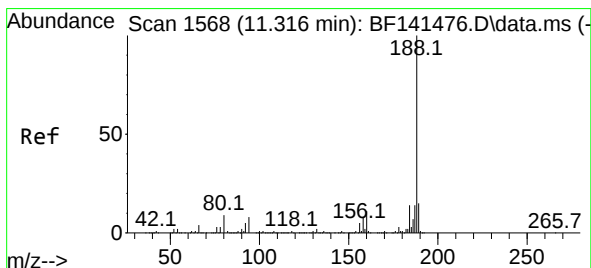
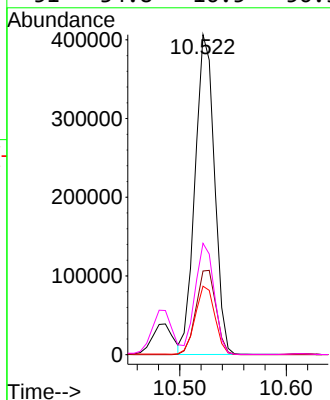
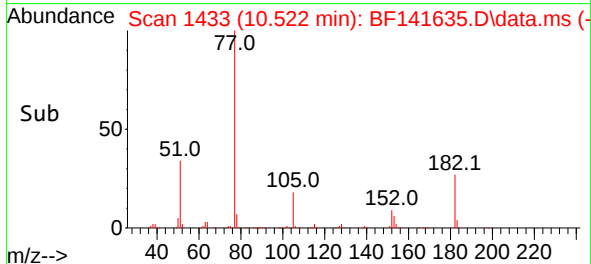
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMS



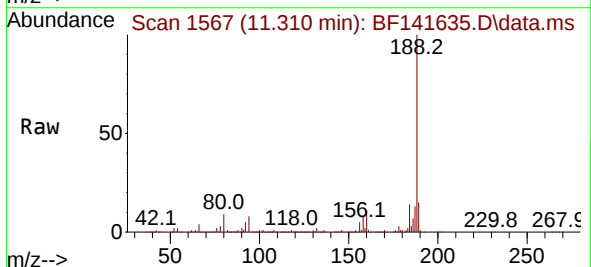
Tgt Ion: 77 Resp: 515640
Ion Ratio Lower Upper
77 100
182 26.1 4.7 44.7
105 21.4 0.4 40.4
51 34.8 16.5 56.5

Manual Integrations
APPROVED

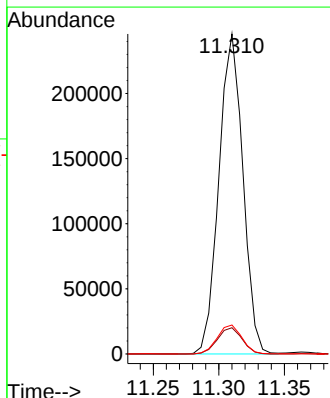
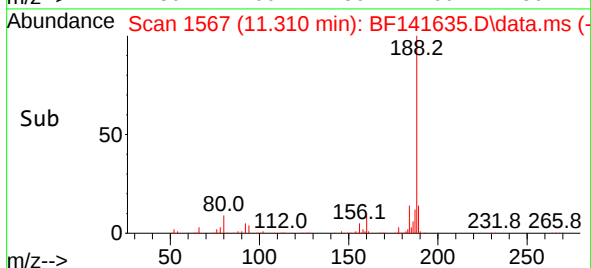
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11



Tgt Ion:188 Resp: 312520
Ion Ratio Lower Upper
188 100
94 8.2 6.6 10.0
80 9.0 7.3 10.9





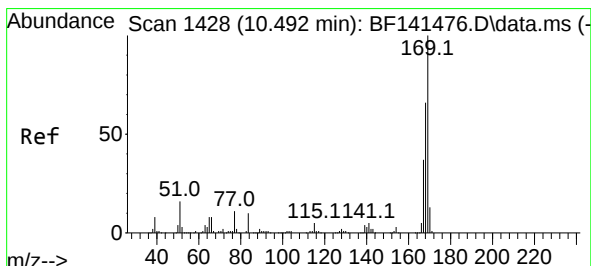
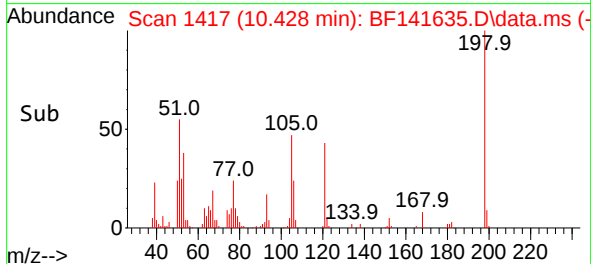
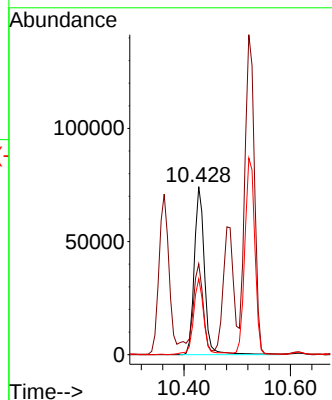
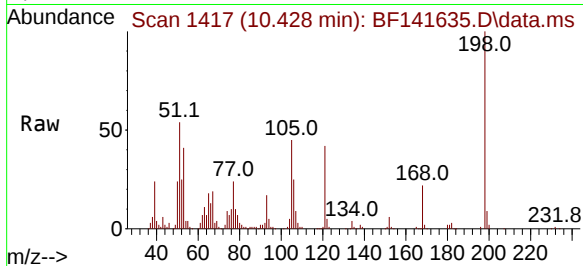
#65
4,6-Dinitro-2-methylphenol
Concen: 45.586 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMS

Tgt Ion:198 Resp: 98961
Ion Ratio Lower Upper
198 100
51 54.1 37.4 77.4
105 45.2 25.2 65.2

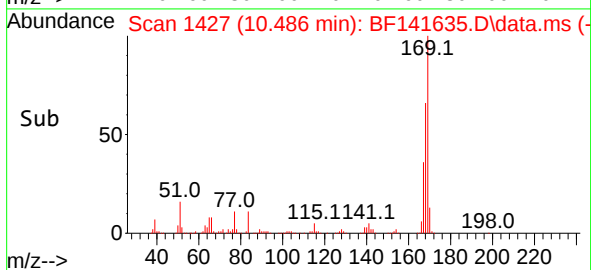
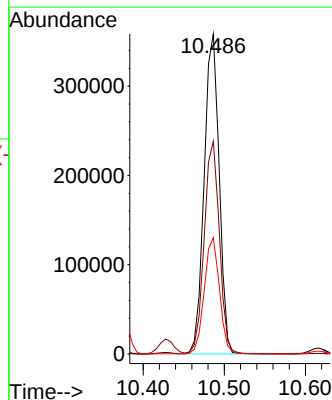
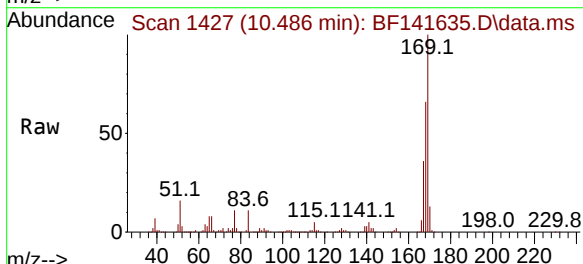
Manual Integrations
APPROVED

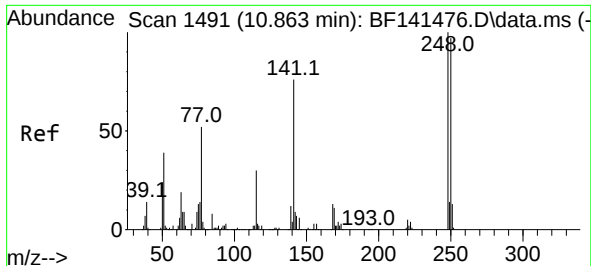
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#66
n-Nitrosodiphenylamine
Concen: 45.935 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

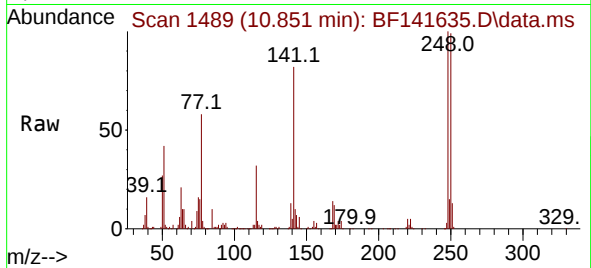
Tgt Ion:169 Resp: 459536
Ion Ratio Lower Upper
169 100
168 66.5 53.3 79.9
167 36.3 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 45.411 ng
RT: 10.851 min Scan# 1491
Delta R.T. -0.012 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

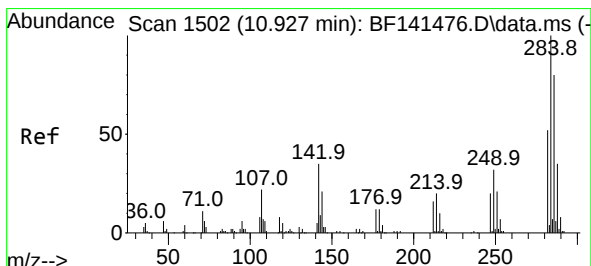
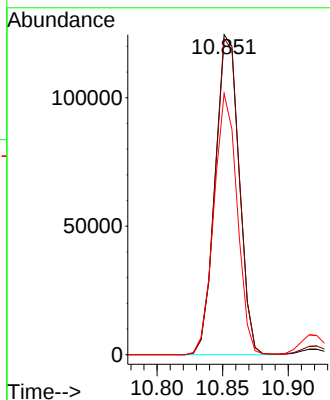
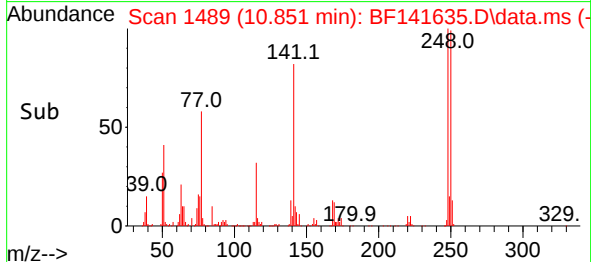
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMS



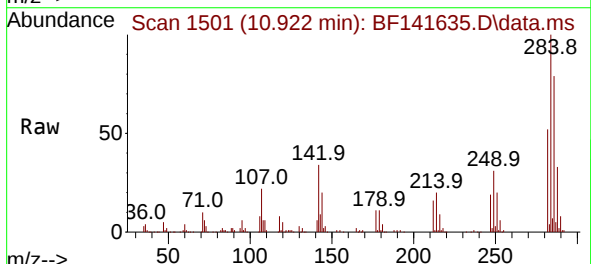
Tgt Ion:248 Resp: 158612
Ion Ratio Lower Upper
248 100
250 98.7 77.8 116.6
141 81.6 60.6 90.8

Manual Integrations
APPROVED

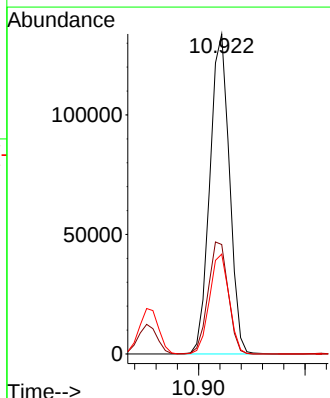
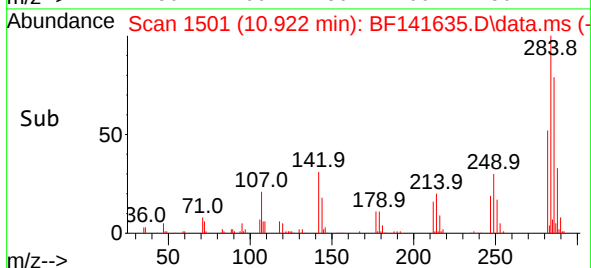
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#68
Hexachlorobenzene
Concen: 47.480 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11



Tgt Ion:284 Resp: 170769
Ion Ratio Lower Upper
284 100
142 34.2 28.0 42.0
249 31.2 25.8 38.8





#69

Atrazine

Concen: 52.917 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BF141635.D

Acq: 14 Feb 2025 13:11

Instrument :

BNA_F

ClientSampleId :

CARBON-WATERMS

Tgt Ion:200 Resp: 158810

Ion Ratio Lower Upper

200 100

173 25.7 5.9 45.9

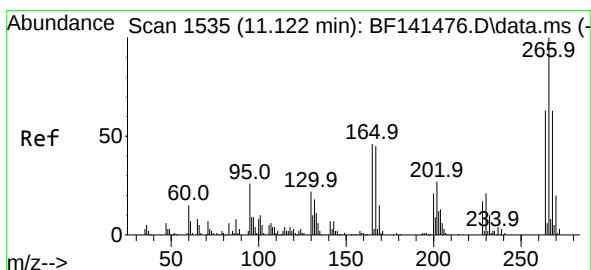
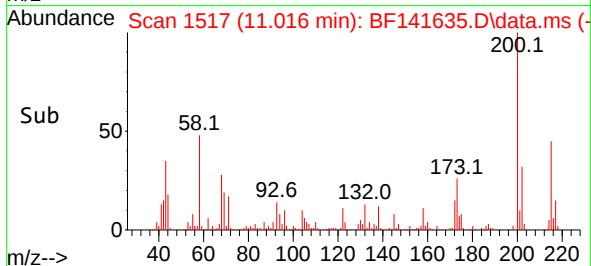
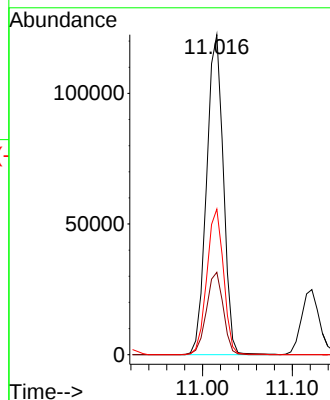
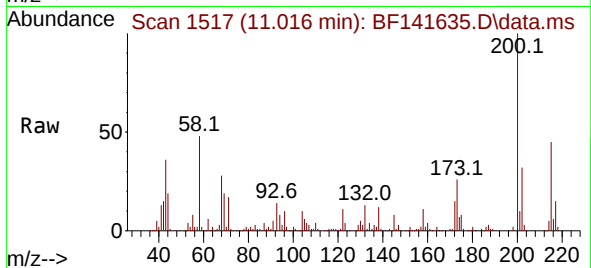
215 45.5 25.9 65.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/15/2025

Supervised By :Jagrut Upadhyay 02/19/2025



#70

Pentachlorophenol

Concen: 80.079 ng

RT: 11.122 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141635.D

Acq: 14 Feb 2025 13:11

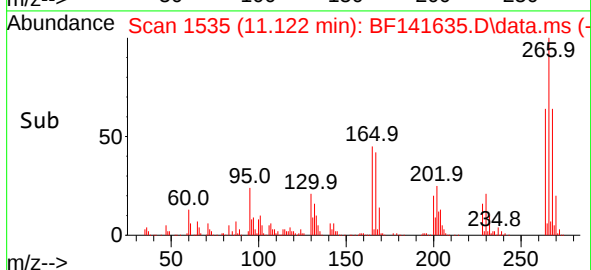
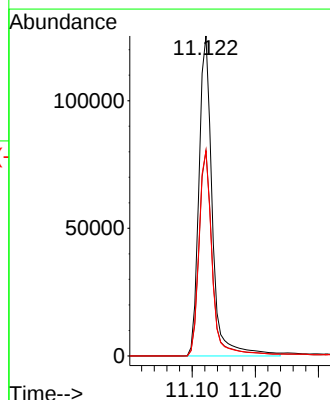
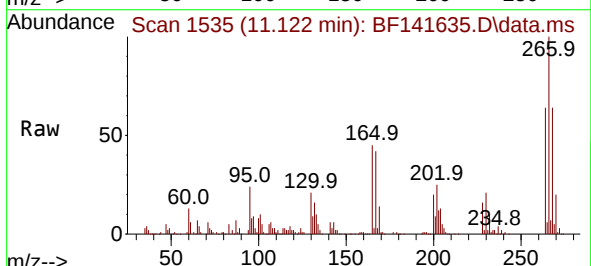
Tgt Ion:266 Resp: 184164

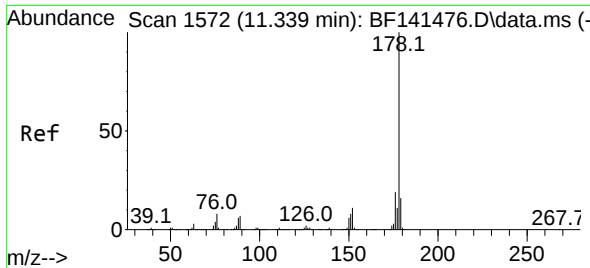
Ion Ratio Lower Upper

266 100

268 64.1 50.1 75.1

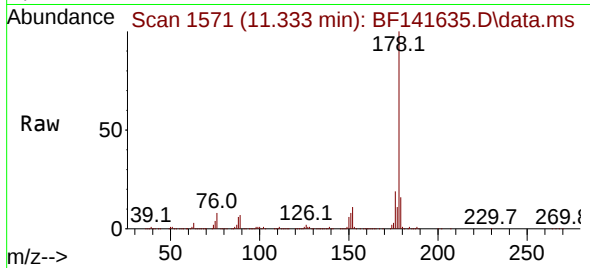
264 64.1 50.1 75.1





#71
Phenanthrene
Concen: 46.197 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

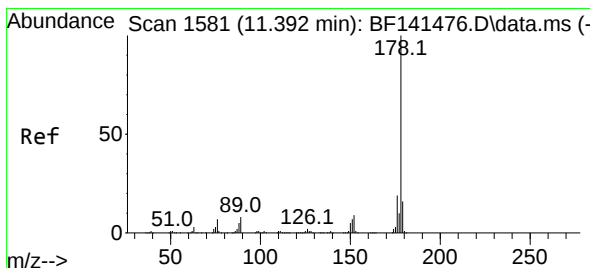
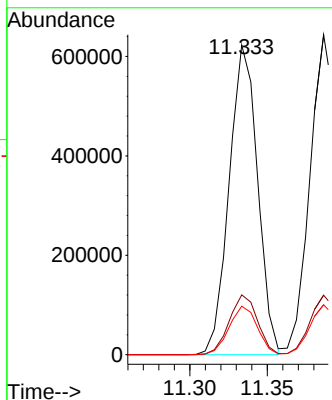
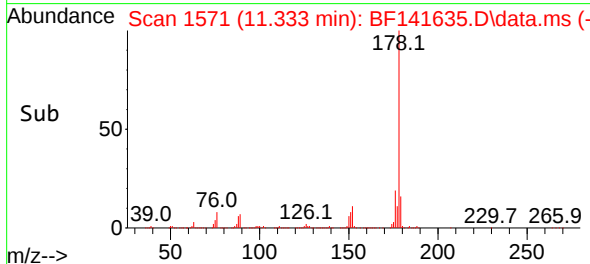
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMS



Tgt Ion:178 Resp: 794719
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.7 12.4 18.6

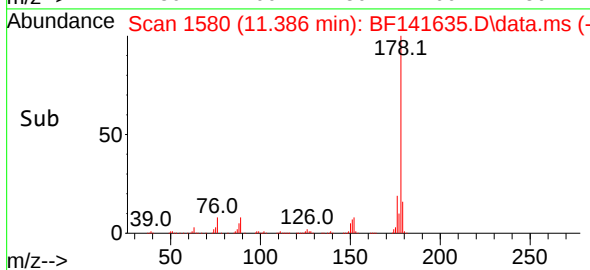
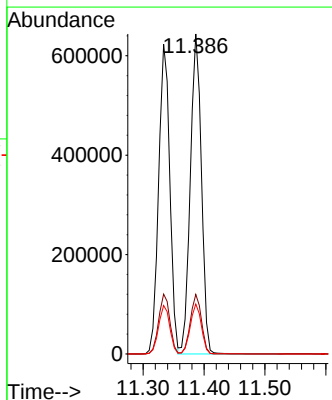
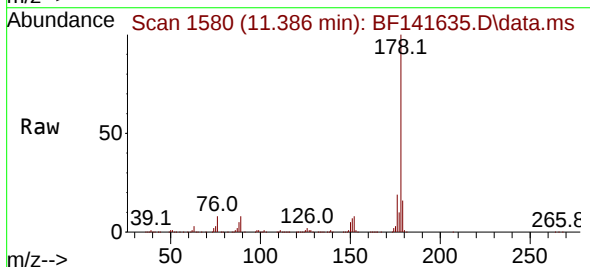
Manual Integrations
APPROVED

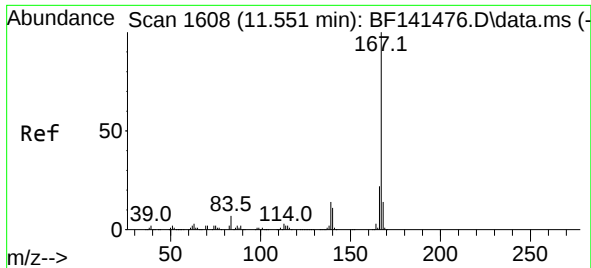
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#72
Anthracene
Concen: 47.203 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

Tgt Ion:178 Resp: 816284
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.6 12.4 18.6





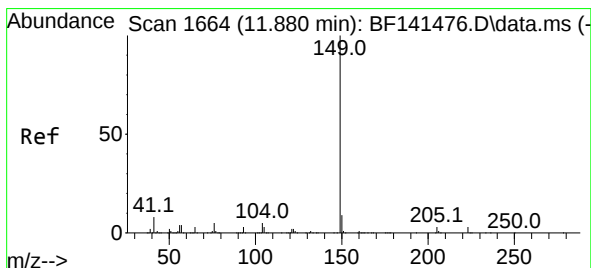
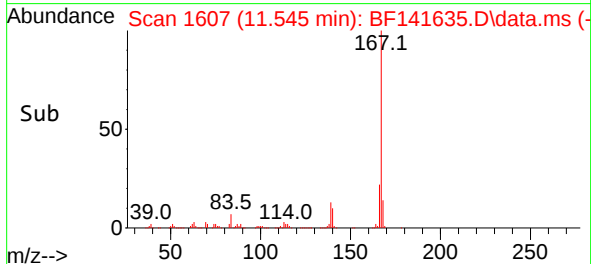
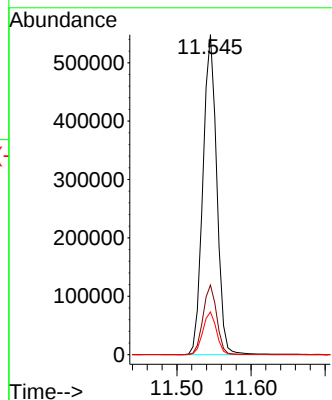
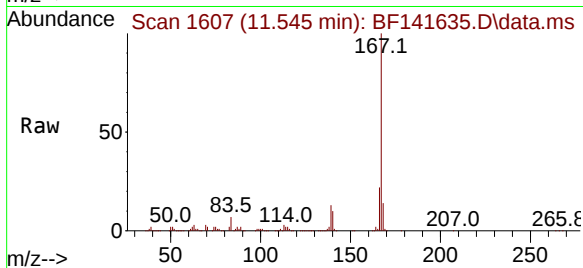
#73
 Carbazole
 Concen: 45.658 ng
 RT: 11.545 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF141635.D
 Acq: 14 Feb 2025 13:11

Instrument :
 BNA_F
 ClientSampleId :
 CARBON-WATERMS

Tgt Ion:167 Resp: 710438
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.2
 139 13.3 10.9 16.3

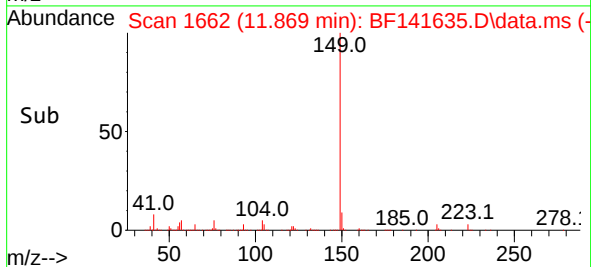
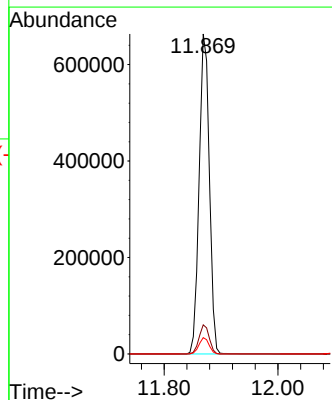
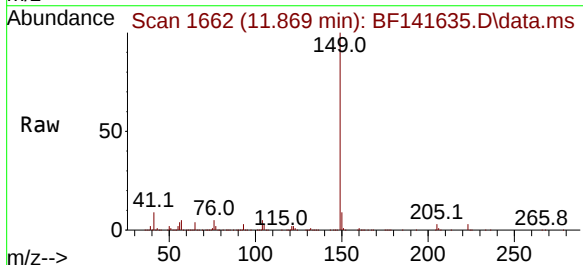
Manual Integrations
 APPROVED

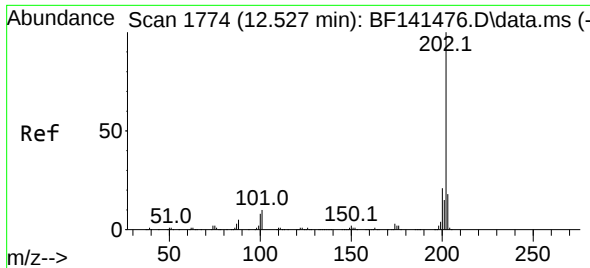
Reviewed By :Yogesh Patel 02/15/2025
 Supervised By :Jagrut Upadhyay 02/19/2025



#74
 Di-n-butylphthalate
 Concen: 46.320 ng
 RT: 11.869 min Scan# 1662
 Delta R.T. -0.012 min
 Lab File: BF141635.D
 Acq: 14 Feb 2025 13:11

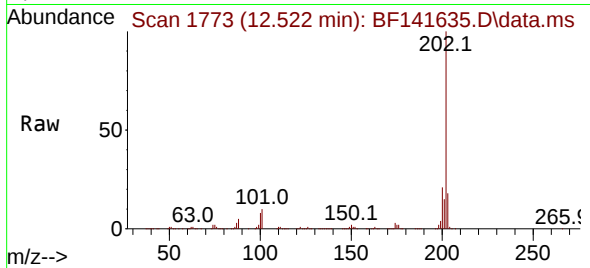
Tgt Ion:149 Resp: 832214
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.1 4.2 6.2





#75
Fluoranthene
Concen: 45.302 ng
RT: 12.522 min Scan# 1774
Delta R.T. -0.012 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

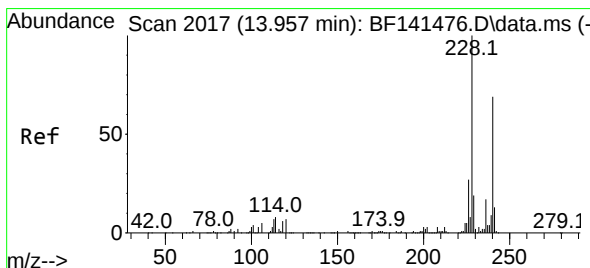
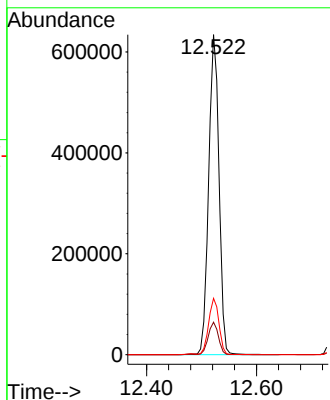
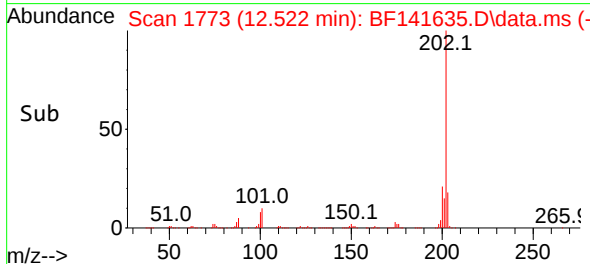
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMS



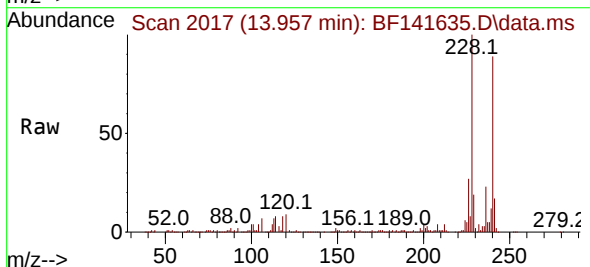
Tgt Ion:202 Resp: 82624
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.2
203 17.6 0.0 37.6

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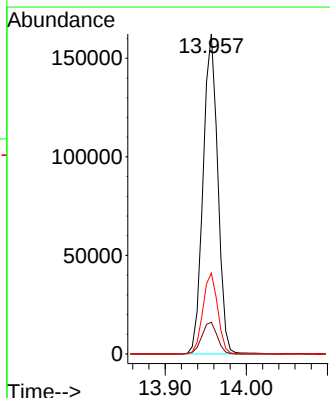
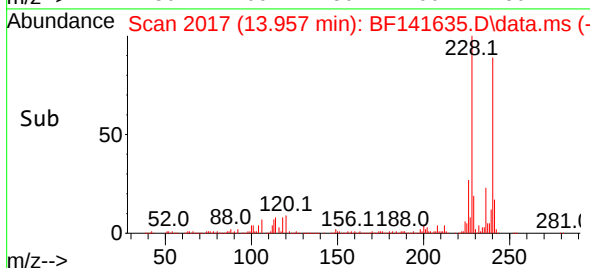
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

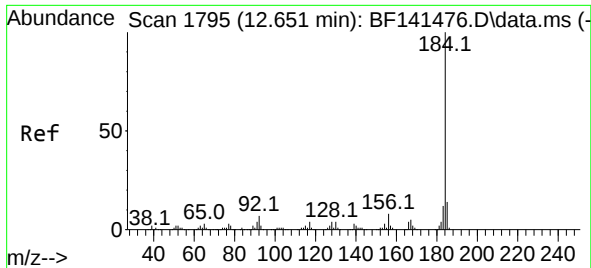


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11



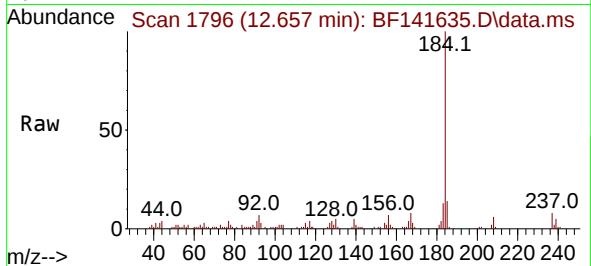
Tgt Ion:240 Resp: 204031
Ion Ratio Lower Upper
240 100
120 9.9 8.0 12.0
236 25.2 19.8 29.8





#77
Benzidine
Concen: 14.866 ng
RT: 12.657 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

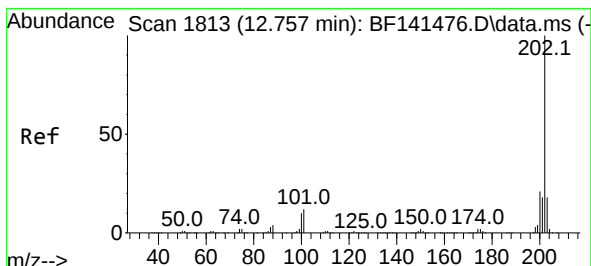
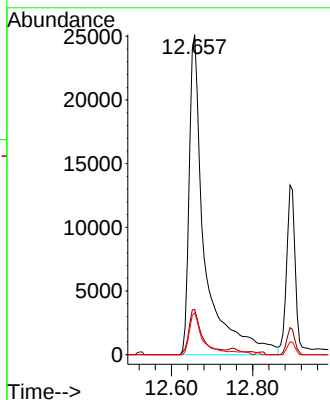
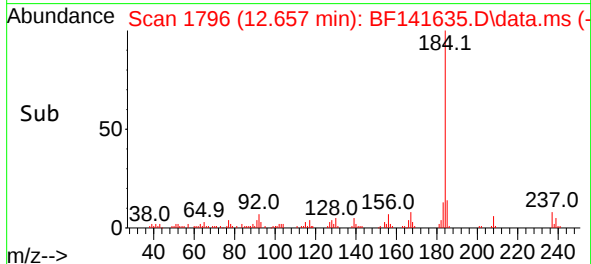
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMS



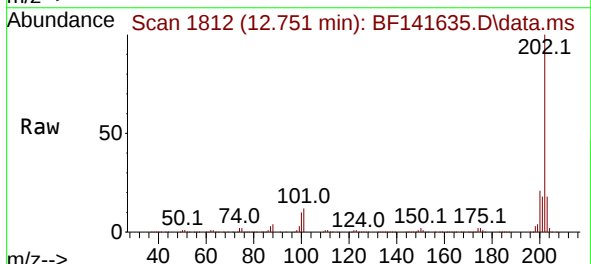
Tgt Ion:184 Resp: 66894
Ion Ratio Lower Upper
184 100
185 14.2 11.3 16.9
183 13.1 9.3 13.9

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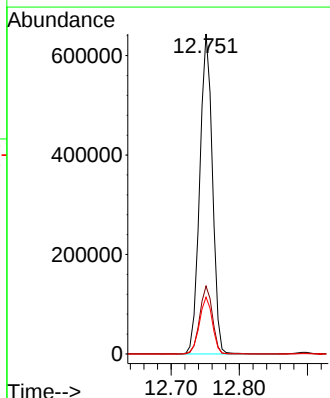
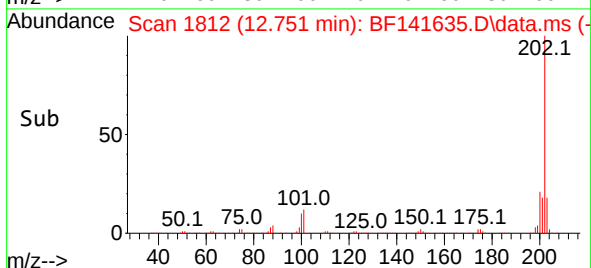
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#78
Pyrene
Concen: 47.874 ng
RT: 12.751 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11



Tgt Ion:202 Resp: 831505
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.7 14.3 21.5





#79

Terphenyl-d14

Concen: 109.018 ng

RT: 12.892 min Scan# 1836

Delta R.T. -0.012 min

Lab File: BF141635.D

Acq: 14 Feb 2025 13:11

Instrument :

BNA_F

ClientSampleId :

CARBON-WATERMS

Tgt Ion:244 Resp: 131758

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

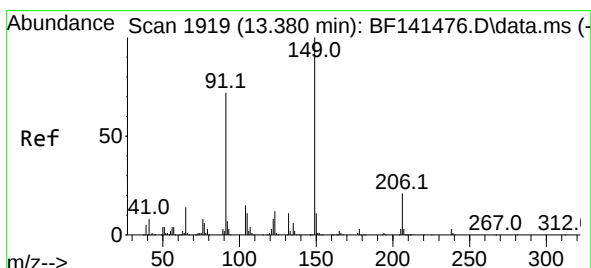
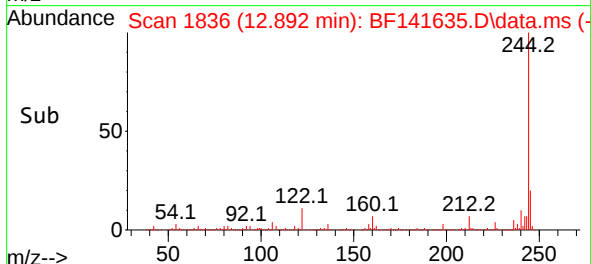
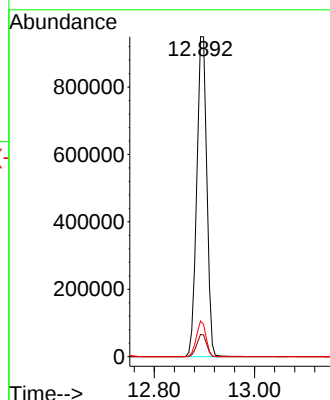
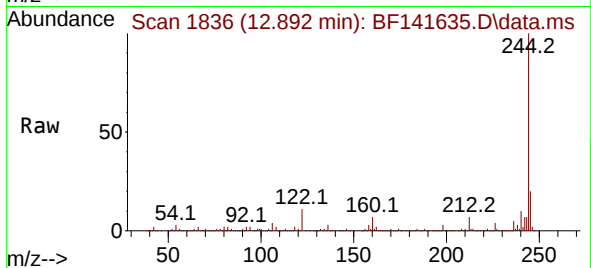
122 11.1 8.4 12.6

Manual Integrations

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Reviewed By :Yogesh Patel 02/15/2025

Supervised By :Jagrut Upadhyay 02/19/2025



#80

Butylbenzylphthalate

Concen: 50.774 ng

RT: 13.369 min Scan# 1917

Delta R.T. -0.012 min

Lab File: BF141635.D

Acq: 14 Feb 2025 13:11

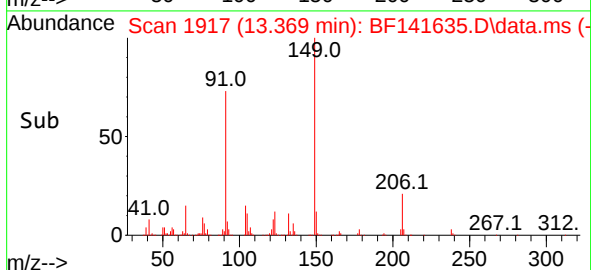
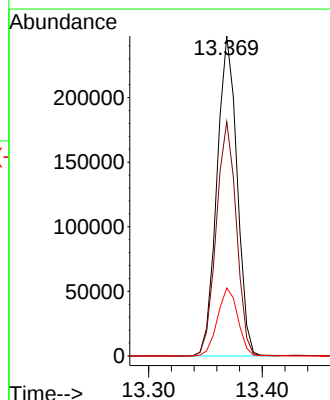
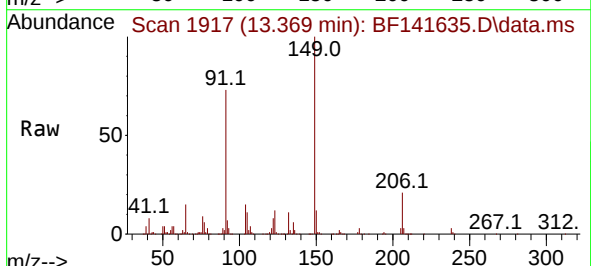
Tgt Ion:149 Resp: 305455

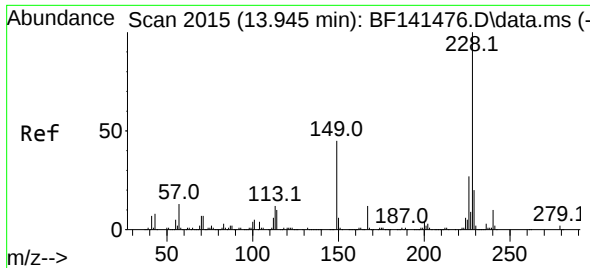
Ion Ratio Lower Upper

149 100

91 73.2 57.8 86.8

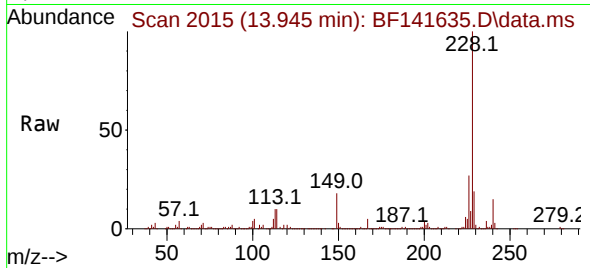
206 21.3 16.7 25.1





#81
Benzo(a)anthracene
Concen: 46.434 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

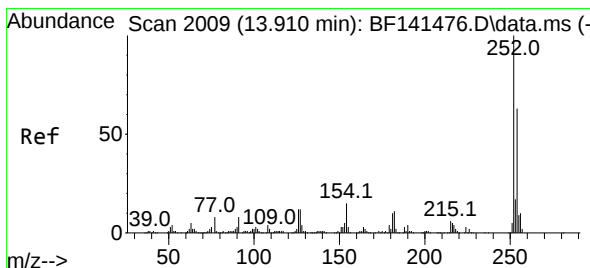
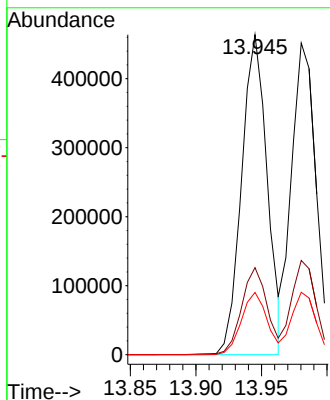
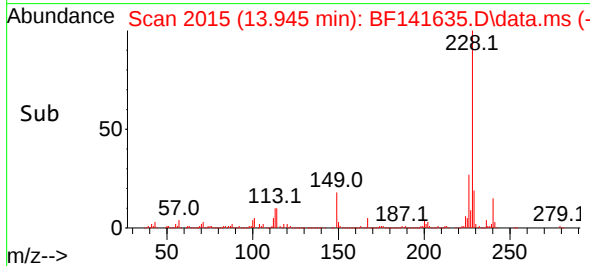
Instrument :
BNA_F
ClientSampleId :
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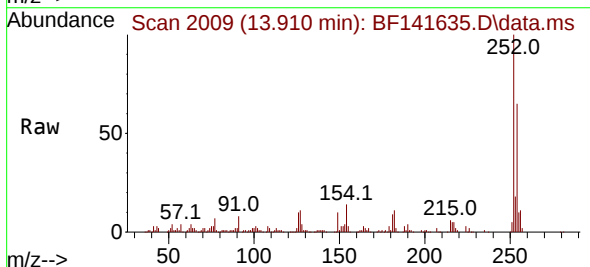
Tgt Ion:228 Resp: 629764
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.4 15.8 23.6

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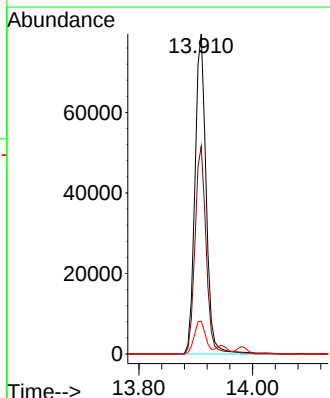
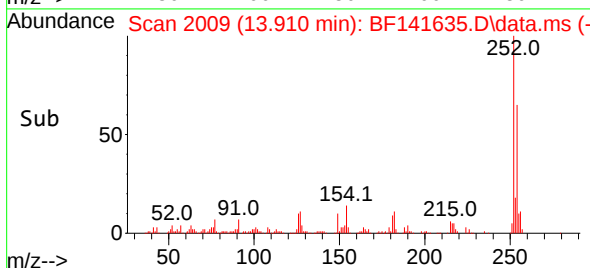
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

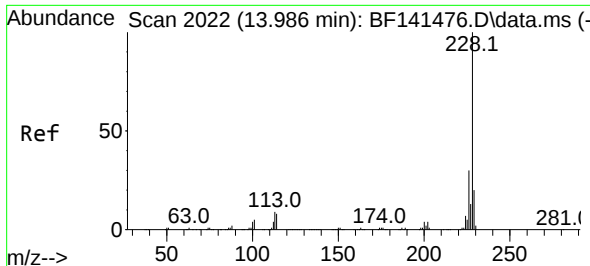


#82
3,3'-Dichlorobenzidine
Concen: 28.014 ng
RT: 13.910 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11



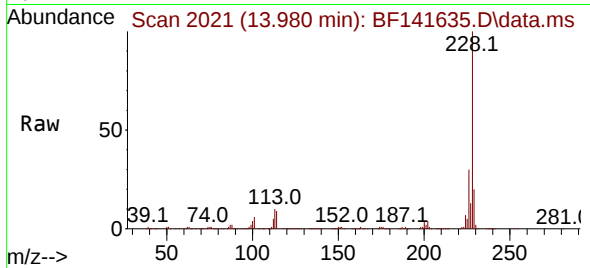
Tgt Ion:252 Resp: 108836
Ion Ratio Lower Upper
252 100
254 64.9 50.6 76.0
126 10.3 9.3 13.9





#83
Chrysene
Concen: 46.719 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

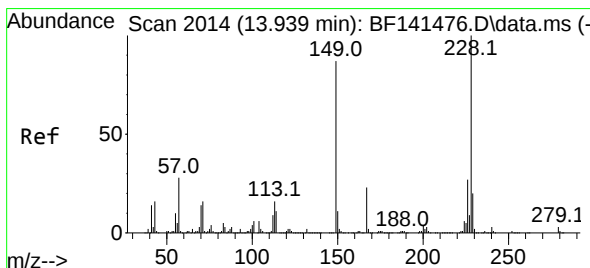
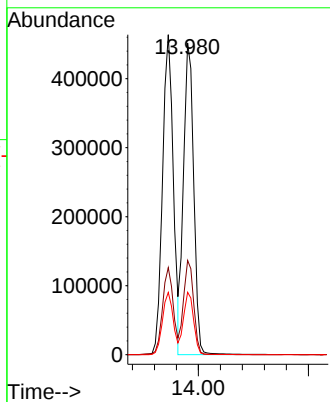
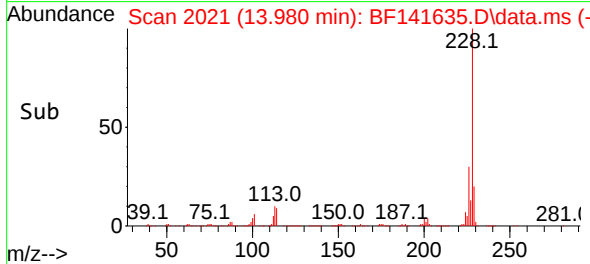
Instrument :
BNA_F
ClientSampleId :
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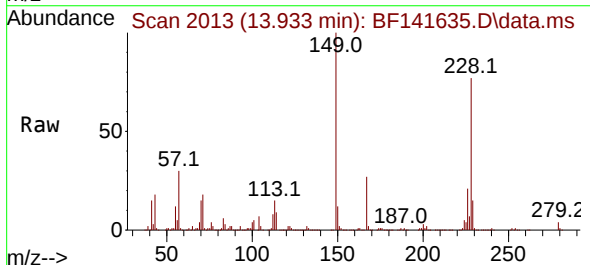
Tgt Ion:228 Resp: 58506
Ion Ratio Lower Upper
228 100
226 30.2 24.0 36.0
229 20.0 15.7 23.5

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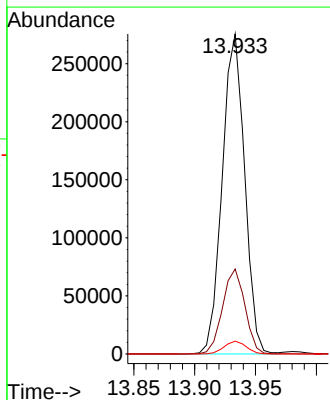
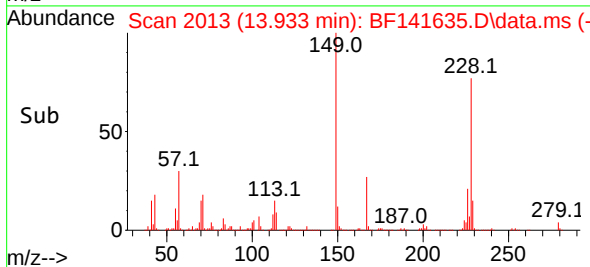
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 52.064 ng
RT: 13.933 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11



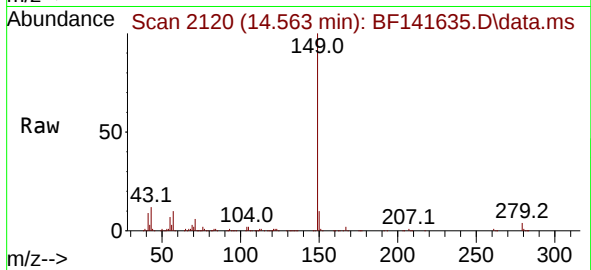
Tgt Ion:149 Resp: 353256
Ion Ratio Lower Upper
149 100
167 26.6 21.4 32.0
279 4.0 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 50.295 ng
RT: 14.563 min Scan# 2120
Delta R.T. 0.000 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

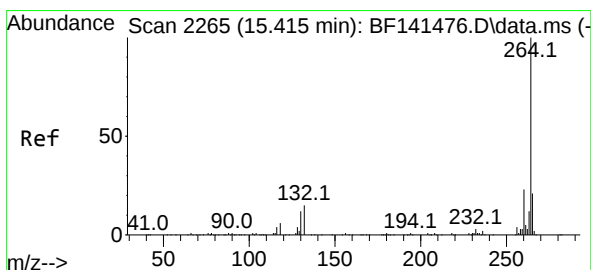
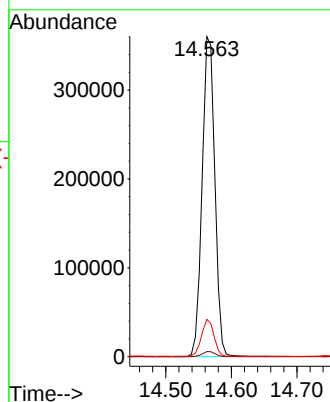
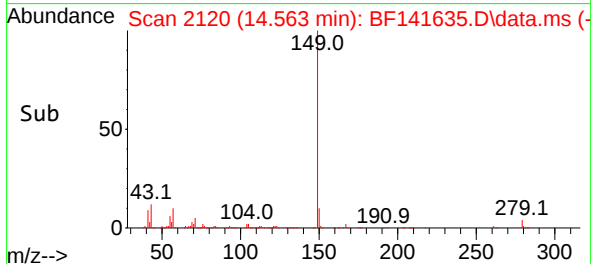
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMS



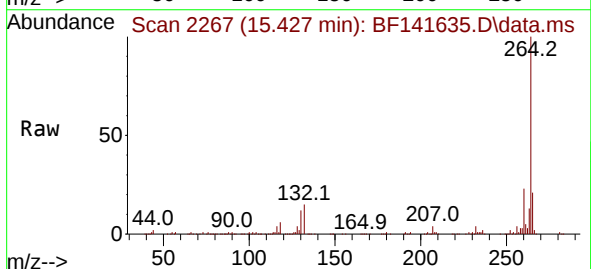
Tgt Ion:149 Resp: 486829
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.3 9.5 14.3

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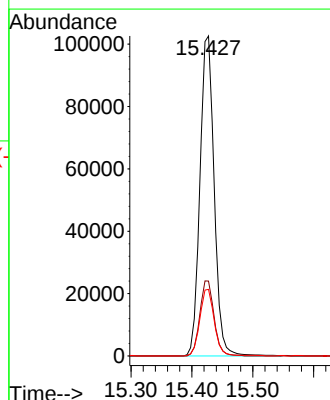
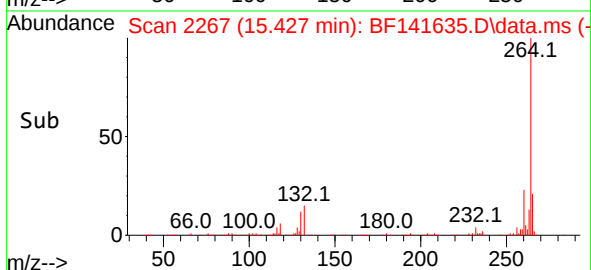
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2267
Delta R.T. 0.012 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11



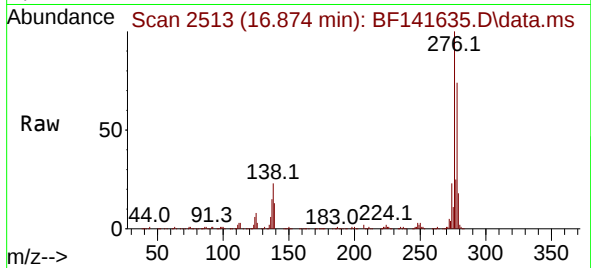
Tgt Ion:264 Resp: 166342
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 20.8 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 52.713 ng
RT: 16.874 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

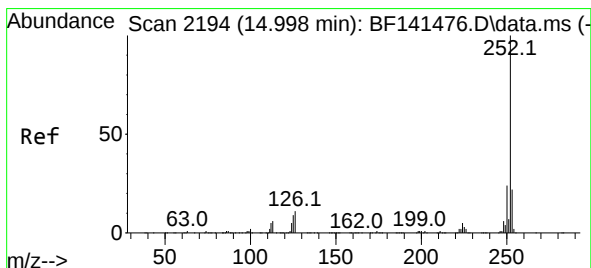
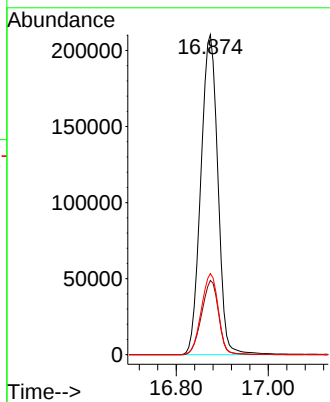
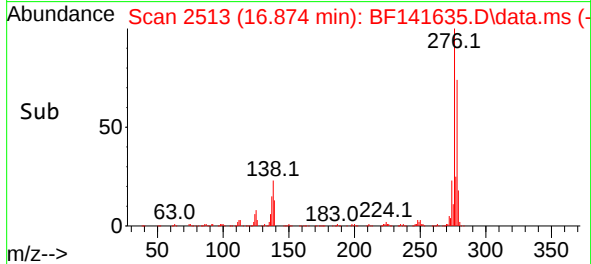
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMS



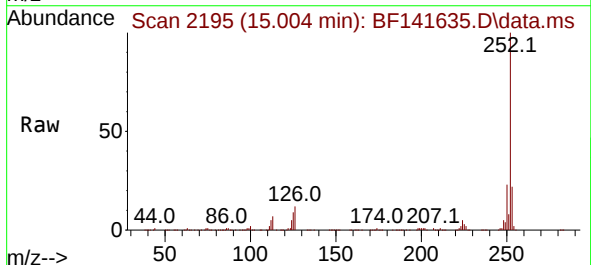
Tgt Ion:276 Resp: 54178
Ion Ratio Lower Upper
276 100
138 23.0 18.0 27.0
277 25.2 20.4 30.6

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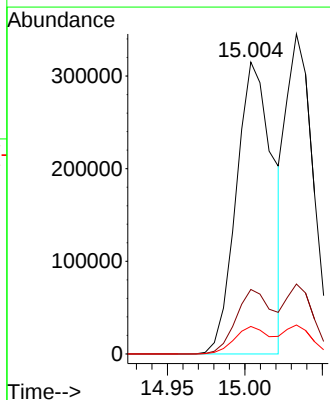
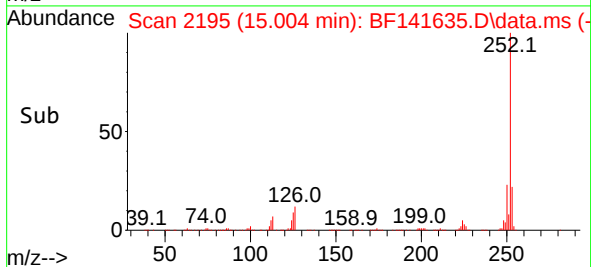
Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

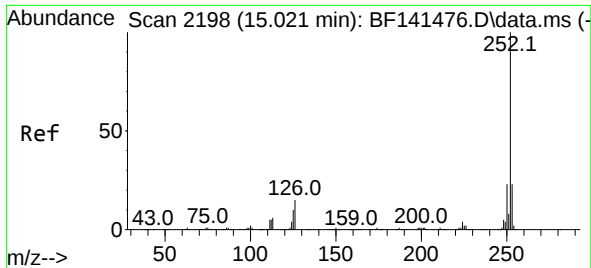


#88
Benzo(b)fluoranthene
Concen: 46.374 ng
RT: 15.004 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11



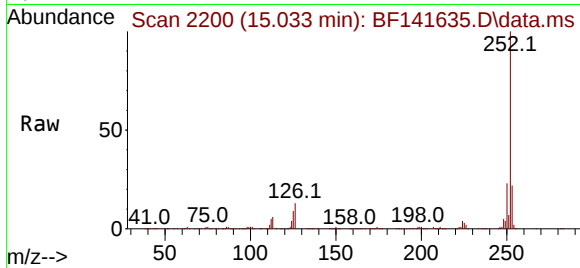
Tgt Ion:252 Resp: 517956
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.5 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 44.654 ng
RT: 15.033 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

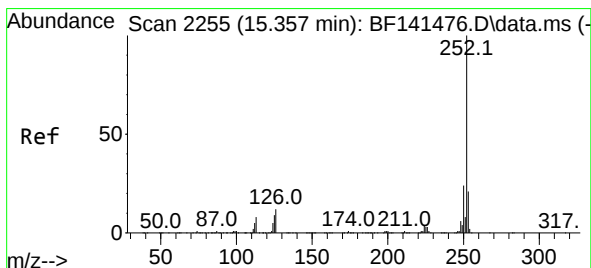
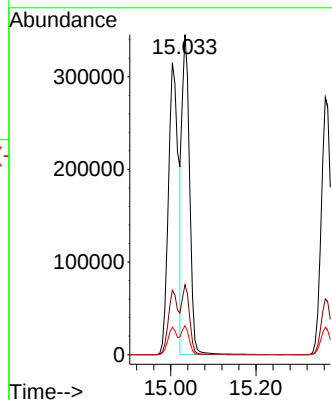
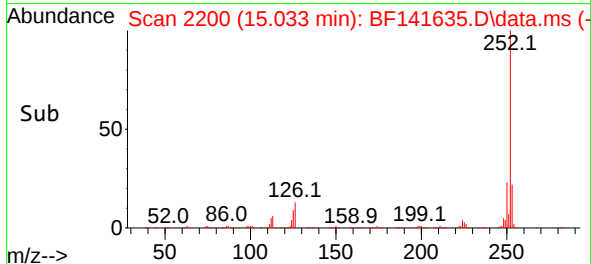
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:252 Resp: 425880
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 9.1 7.4 11.0

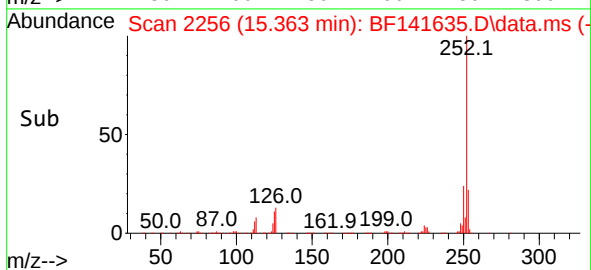
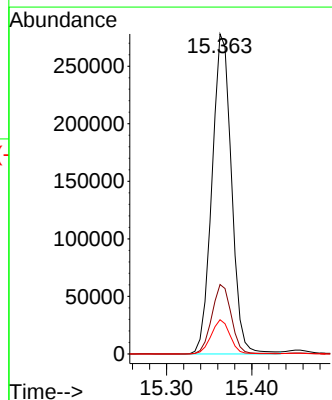
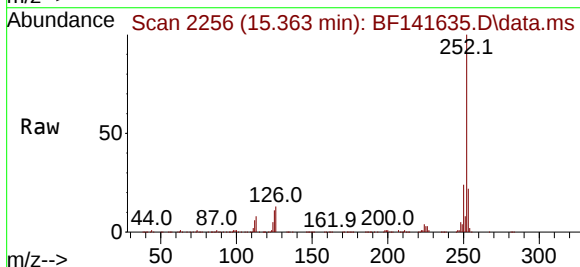
Manual Integrations
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Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025



#90
Benzo(a)pyrene
Concen: 48.920 ng
RT: 15.363 min Scan# 2256
Delta R.T. 0.000 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

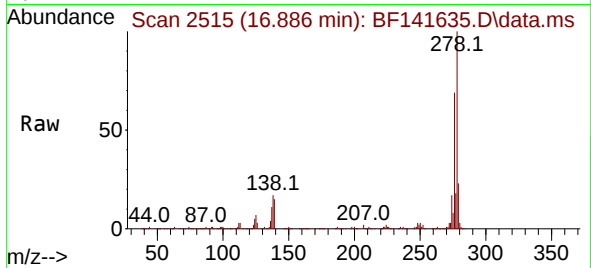
Tgt Ion:252 Resp: 442121
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 10.7 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 52.384 ng
RT: 16.886 min Scan# 2513
Delta R.T. -0.006 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11

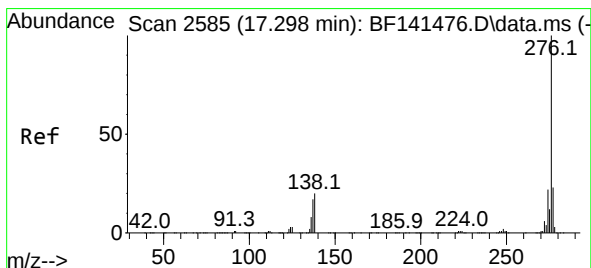
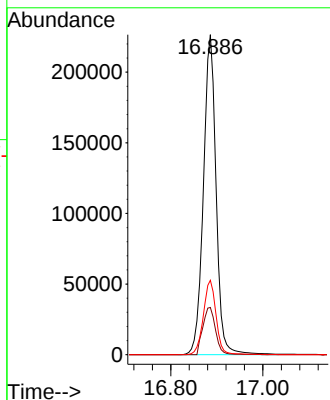
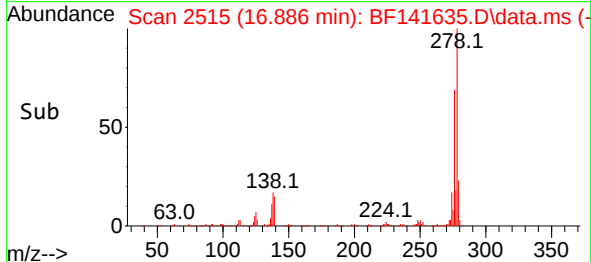
Instrument :
BNA_F
ClientSampleId :
CARBON-WATERMS



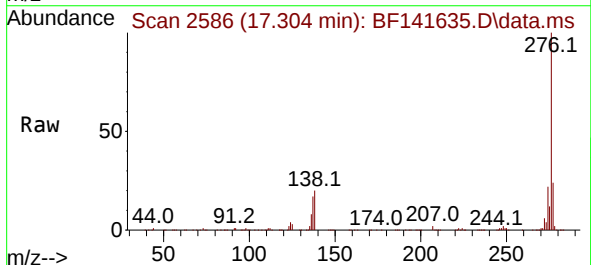
Tgt Ion:278 Resp: 436268
Ion Ratio Lower Upper
278 100
139 14.7 11.8 17.6
279 23.2 19.1 28.7

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 49.099 ng
RT: 17.304 min Scan# 2586
Delta R.T. -0.012 min
Lab File: BF141635.D
Acq: 14 Feb 2025 13:11



Tgt Ion:276 Resp: 427909
Ion Ratio Lower Upper
276 100
277 23.9 18.6 28.0
138 20.3 15.9 23.9

