

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140556.D
 Acq On : 22 Nov 2024 00:28
 Operator : RC/JU
 Sample : P4916-09MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

TP-3-WCMSD

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 22 04:50:11 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Nov 21 15:23:48 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	71690	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	262910	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	138003	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	262977	20.000	ng	0.00
76) Chrysene-d12	14.051	240	154564	20.000	ng	0.00
86) Perylene-d12	15.539	264	144463	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	361792	86.106	ng	0.00
7) Phenol-d6	6.510	99	476888	85.852	ng	0.00
23) Nitrobenzene-d5	7.434	82	297163	57.814	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	132527	89.791	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	527885	56.993	ng	0.00
79) Terphenyl-d14	12.986	244	582440	58.677	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	81646	46.217	ng	100
3) Pyridine	3.434	79	180770	46.507	ng	99
4) n-Nitrosodimethylamine	3.387	42	113489	49.678	ng	100
6) Aniline	6.534	93	184530	47.197	ng	89
8) 2-Chlorophenol	6.657	128	219113	48.472	ng	98
9) Benzaldehyde	6.422	77	113499	38.597	ng	98
10) Phenol	6.522	94	278803	49.147	ng	94
11) bis(2-Chloroethyl)ether	6.604	93	210544	48.501	ng	99
12) 1,3-Dichlorobenzene	6.810	146	239245	47.102	ng	100
13) 1,4-Dichlorobenzene	6.887	146	243989	47.441	ng	99
14) 1,2-Dichlorobenzene	7.039	146	228099	47.331	ng	99
15) Benzyl Alcohol	7.016	79	201479	48.910	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	259702	50.640	ng	97
17) 2-Methylphenol	7.128	107	172022	47.539	ng	97
18) Hexachloroethane	7.381	117	93654	48.756	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	154668	47.114	ng	98
20) 3+4-Methylphenols	7.281	107	220415	47.390	ng	96
22) Acetophenone	7.281	105	306152	47.764	ng	99
24) Nitrobenzene	7.451	77	241187	45.402	ng	100
25) Isophorone	7.692	82	412063	48.065	ng	99
26) 2-Nitrophenol	7.769	139	116088	49.312	ng	99
27) 2,4-Dimethylphenol	7.804	122	164622m	58.445	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	248163	47.516	ng	99
29) 2,4-Dichlorophenol	8.016	162	178739	47.889	ng	97
30) 1,2,4-Trichlorobenzene	8.092	180	196504	46.111	ng	99
31) Naphthalene	8.175	128	638580	47.155	ng	99
32) Benzoic acid	7.928	122	100416	42.021	ng	99
33) 4-Chloroaniline	8.222	127	62119	15.321	ng	99
34) Hexachlorobutadiene	8.286	225	135247	47.915	ng	99
35) Caprolactam	8.586	113	54914m	47.543	ng	
36) 4-Chloro-3-methylphenol	8.710	107	193848	46.388	ng	99
37) 2-Methylnaphthalene	8.863	142	412761	47.988	ng	100
38) 1-Methylnaphthalene	8.963	142	380999	45.190	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	202818	50.202	ng	98
41) Hexachlorocyclopentadiene	9.016	237	179874	187.312	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	125118	49.355	ng	99

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 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	129969	47.239	ng	97
46) 1,1'-Biphenyl	9.328	154	508061	49.310	ng	100
47) 2-Chloronaphthalene	9.357	162	375094	48.045	ng	99
48) 2-Nitroaniline	9.451	65	123906	49.445	ng	99
49) Acenaphthylene	9.775	152	622594	52.780	ng	99
50) Dimethylphthalate	9.628	163	441748	48.604	ng	100
51) 2,6-Dinitrotoluene	9.692	165	96489	46.810	ng	98
52) Acenaphthene	9.945	154	377695	50.392	ng	99
53) 3-Nitroaniline	9.863	138	53894	26.733	ng	98
54) 2,4-Dinitrophenol	9.980	184	96689	89.537	ng	96
55) Dibenzofuran	10.116	168	561824	49.143	ng	98
56) 4-Nitrophenol	10.039	139	142028	103.298	ng	97
57) 2,4-Dinitrotoluene	10.104	165	133611	48.772	ng	97
58) Fluorene	10.457	166	448393	48.863	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	110414	52.218	ng	96
60) Diethylphthalate	10.327	149	436019	47.217	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	215492	47.851	ng	98
62) 4-Nitroaniline	10.480	138	97502	46.112	ng	100
63) Azobenzene	10.610	77	448393	51.275	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	71612	53.290	ng	99
66) n-Nitrosodiphenylamine	10.569	169	379989	48.861	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	127197	46.966	ng	99
68) Hexachlorobenzene	11.010	284	145508	46.401	ng	97
69) Atrazine	11.098	200	125517	57.371	ng	98
70) Pentachlorophenol	11.210	266	132686	96.136	ng	98
71) Phenanthrene	11.427	178	627366	49.629	ng	99
72) Anthracene	11.474	178	646355	52.271	ng	100
73) Carbazole	11.633	167	592563	49.814	ng	100
74) Di-n-butylphthalate	11.957	149	673113	49.013	ng	100
75) Fluoranthene	12.616	202	682803	49.749	ng	99
77) Benzidine	12.739	184	191347	42.580	ng	99
78) Pyrene	12.845	202	698240	48.857	ng	100
80) Butylbenzylphthalate	13.457	149	258110	50.135	ng	97
81) Benzo(a)anthracene	14.039	228	519079	50.733	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	96789	31.508	ng	98
83) Chrysene	14.074	228	466295	49.841	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	328149	50.478	ng	99
85) Di-n-octyl phthalate	14.639	149	464895	52.328	ng	98
87) Indeno(1,2,3-cd)pyrene	17.045	276	416904	44.283	ng	99
88) Benzo(b)fluoranthene	15.104	252	438951	48.375	ng	100
89) Benzo(k)fluoranthene	15.133	252	398654	50.205	ng	100
90) Benzo(a)pyrene	15.474	252	390037	52.866	ng	99
91) Dibenzo(a,h)anthracene	17.056	278	334989	43.448	ng	99
92) Benzo(g,h,i)perylene	17.498	276	309861	39.384	ng	99

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

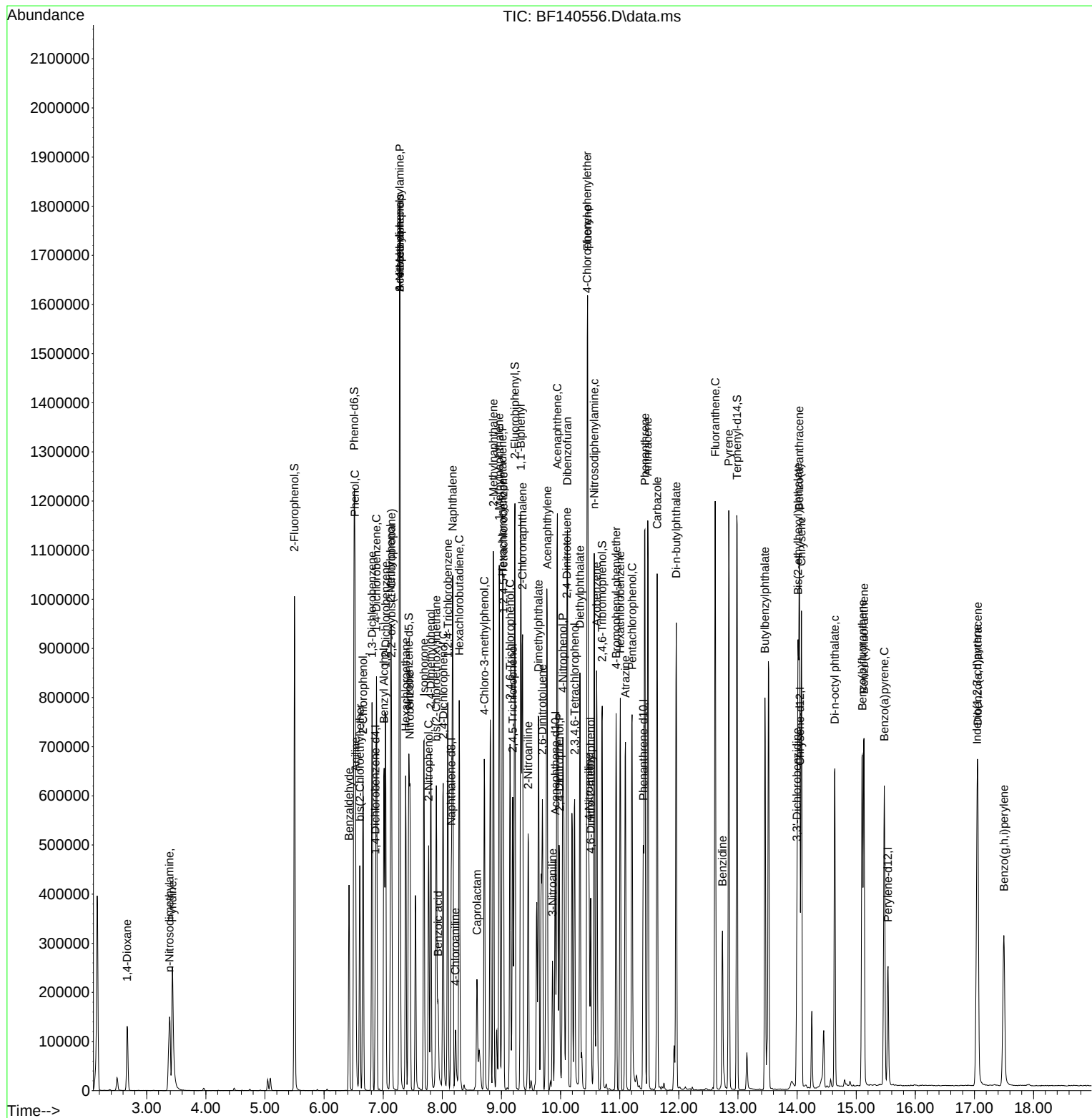
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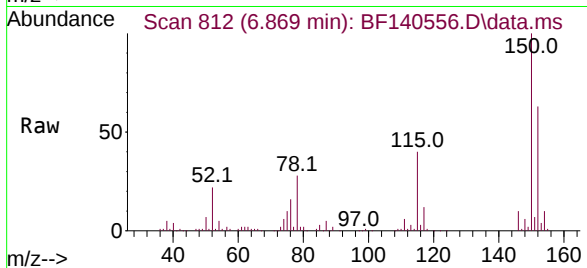
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

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BNA_F

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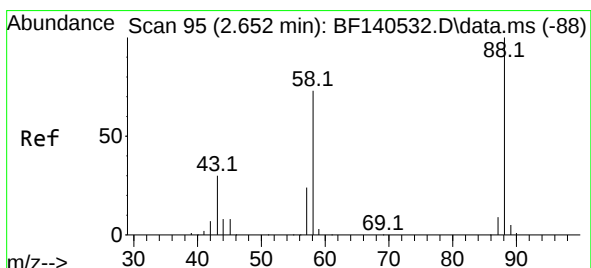
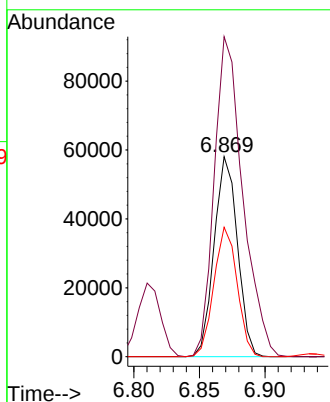
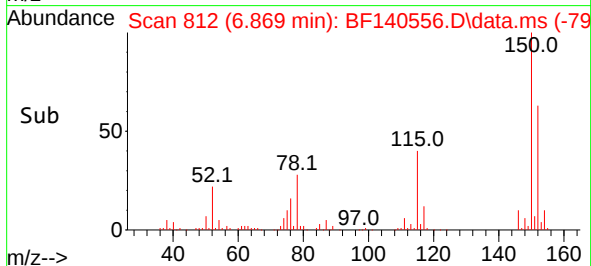


Tgt Ion:152 Resp: 71690
Ion Ratio Lower Upper
152 100
150 160.0 128.5 192.7
115 64.7 50.2 75.4

Manual Integrations

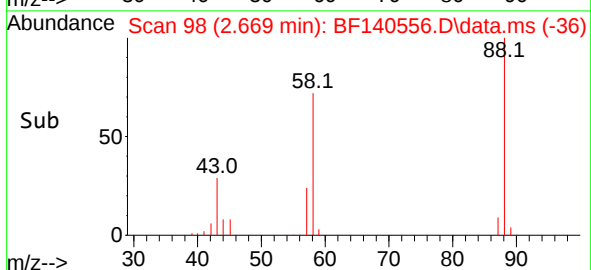
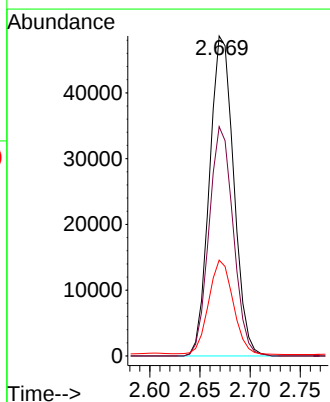
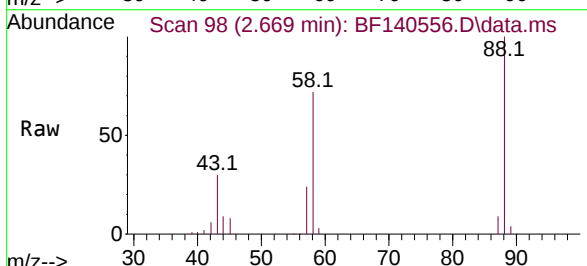
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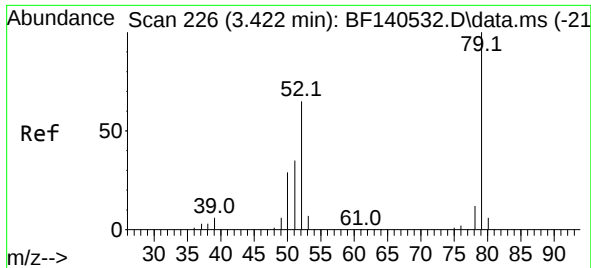
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#2
1,4-Dioxane
Concen: 46.217 ng
RT: 2.669 min Scan# 98
Delta R.T. 0.018 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Tgt Ion: 88 Resp: 81646
Ion Ratio Lower Upper
88 100
58 71.5 57.4 86.2
43 30.0 24.3 36.5





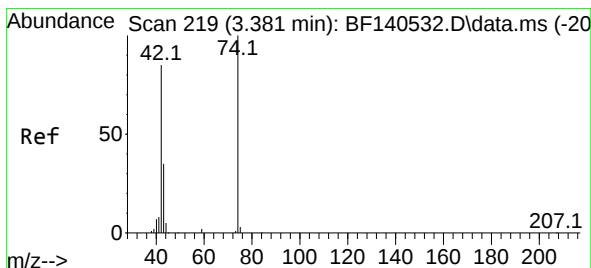
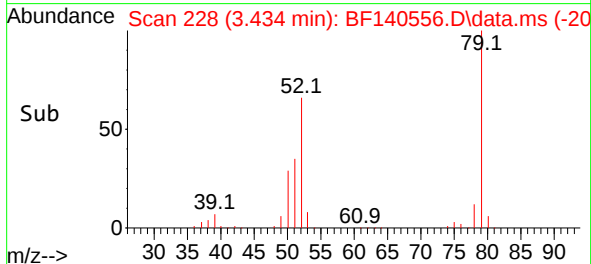
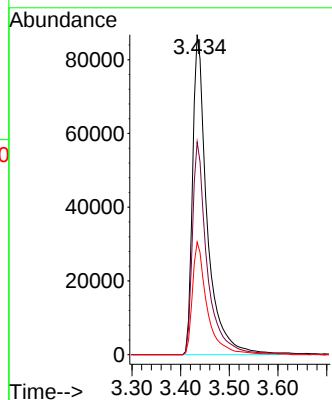
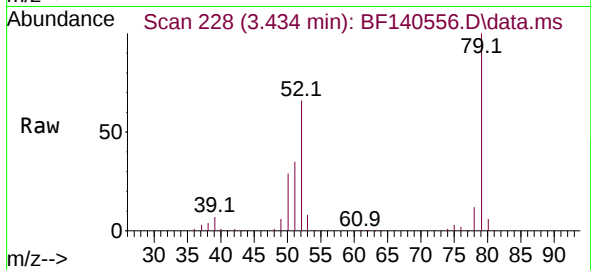
#3
Pyridine
Concen: 46.507 ng
RT: 3.434 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Instrument :
BNA_F
ClientSampleId :
TP-3-WCMSD

Tgt Ion: 79 Resp: 180770
Ion Ratio Lower Upper
79 100
52 66.5 52.1 78.1
51 35.2 27.8 41.8

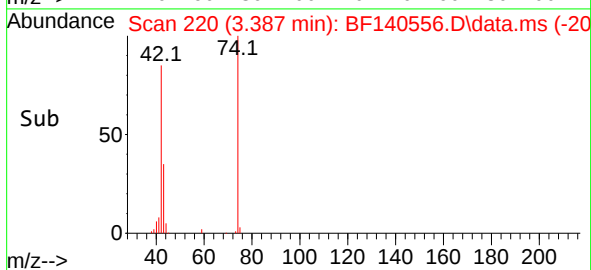
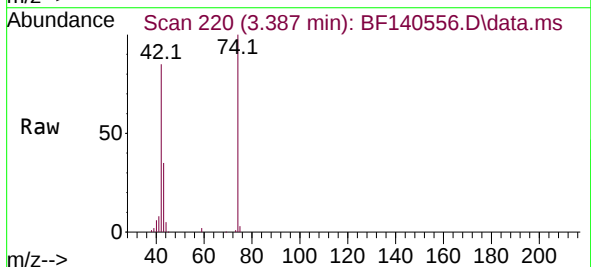
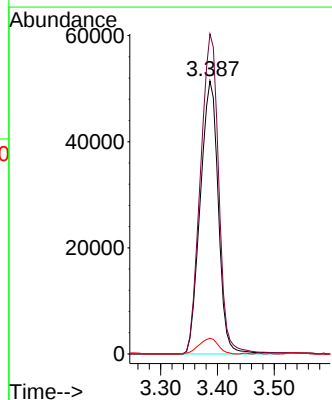
Manual Integrations
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Supervised By :mohammad ahmed 11/27/2024



#4
n-Nitrosodimethylamine
Concen: 49.678 ng
RT: 3.387 min Scan# 220
Delta R.T. 0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Tgt Ion: 42 Resp: 113489
Ion Ratio Lower Upper
42 100
74 117.2 93.8 140.6
44 5.7 4.6 6.8





#5
2-Fluorophenol
Concen: 86.106 ng
RT: 5.498 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Instrument :

BNA_F

ClientSampleId :

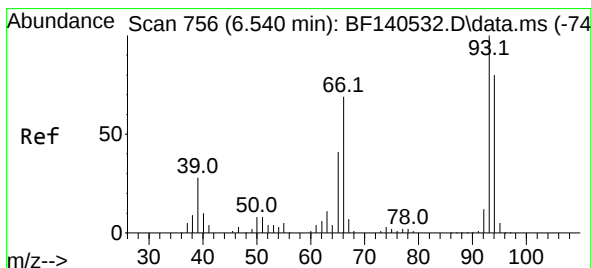
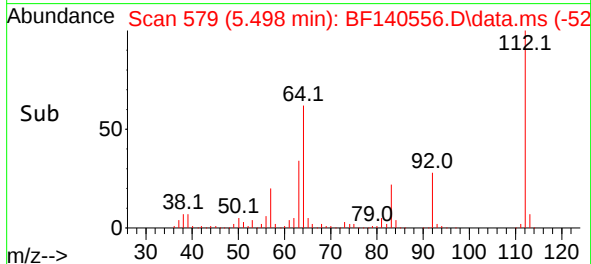
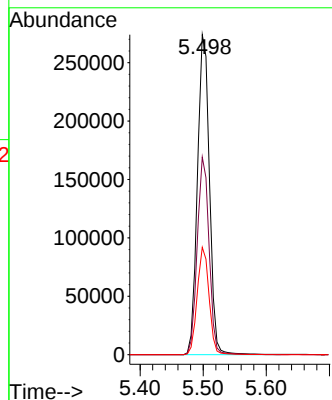
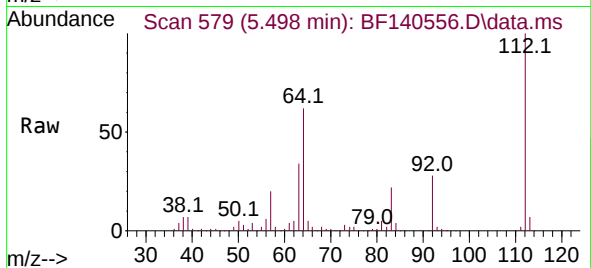
TP-3-WCMSD

Tgt Ion:112 Resp: 361792
Ion Ratio Lower Upper
112 100
64 61.8 49.2 73.8
63 33.6 27.0 40.4

Manual Integrations

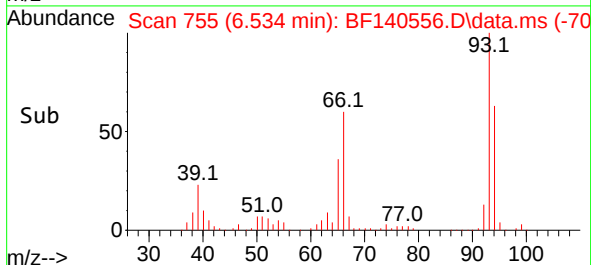
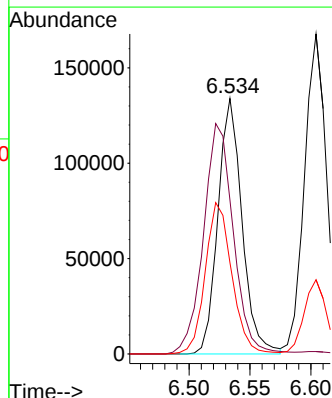
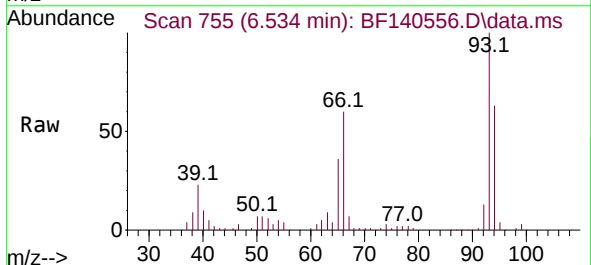
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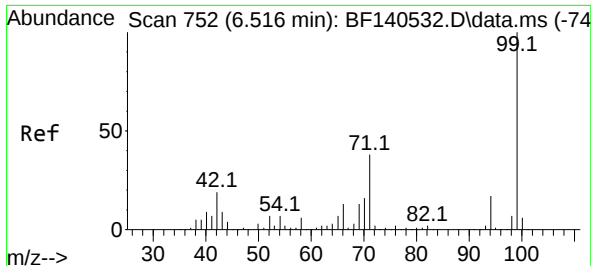
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#6
Aniline
Concen: 47.197 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Tgt Ion: 93 Resp: 184530
Ion Ratio Lower Upper
93 100
66 60.2 56.5 84.7
65 35.7 32.9 49.3





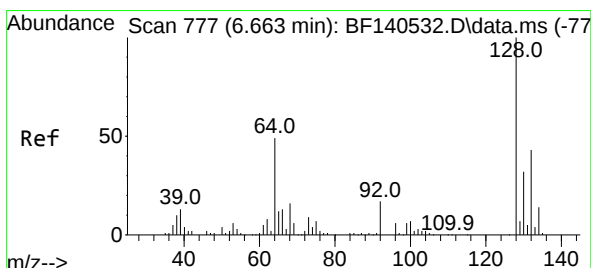
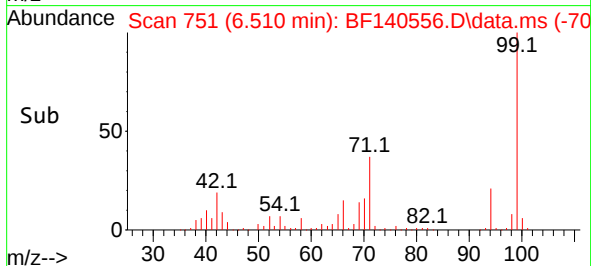
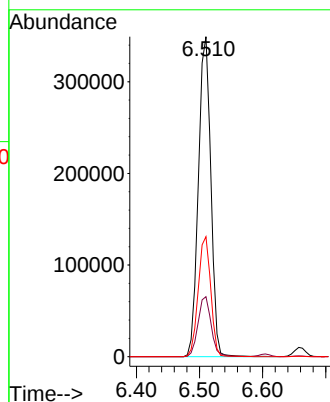
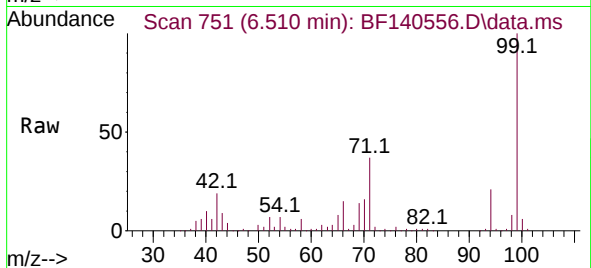
#7
Phenol-d6
Concen: 85.852 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

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Tgt Ion: 99 Resp: 47688
Ion Ratio Lower Upper
99 100
42 18.8 15.4 23.0
71 37.5 30.6 46.0

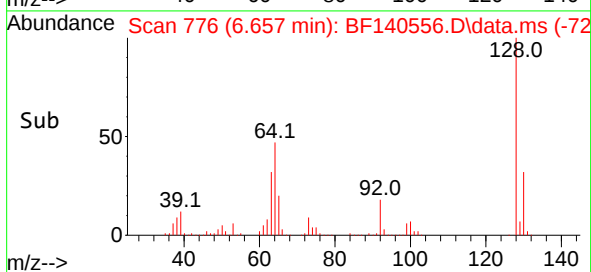
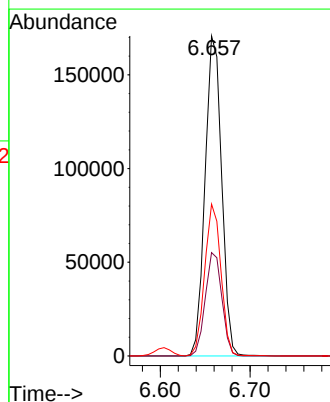
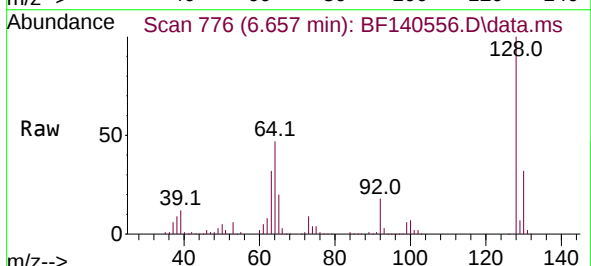
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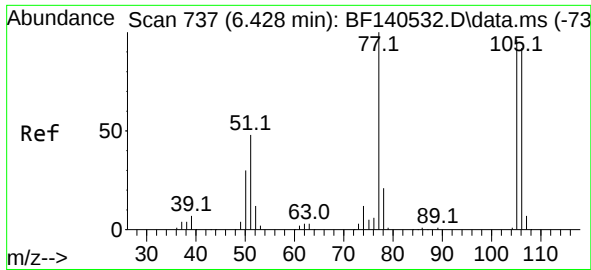
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Supervised By :mohammad ahmed 11/27/2024



#8
2-Chlorophenol
Concen: 48.472 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Tgt Ion:128 Resp: 219113
Ion Ratio Lower Upper
128 100
130 32.3 12.3 52.3
64 47.4 30.2 70.2





#9
Benzaldehyde
Concen: 38.597 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

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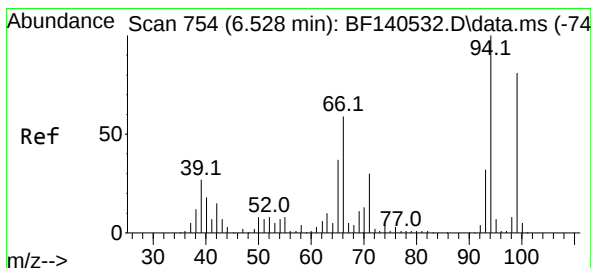
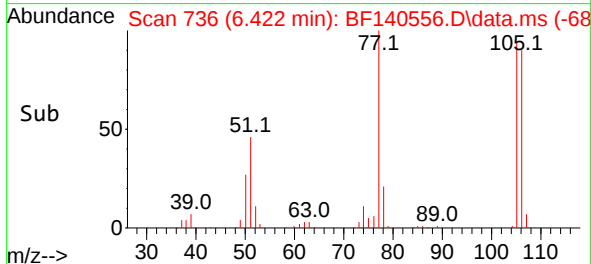
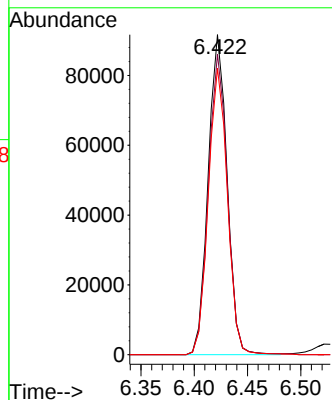
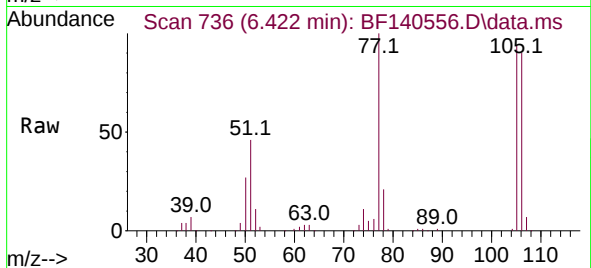
TP-3-WCMSD

Tgt Ion: 77 Resp: 113499
Ion Ratio Lower Upper
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105 93.9 75.6 115.6
106 89.5 72.0 112.0

Manual Integrations

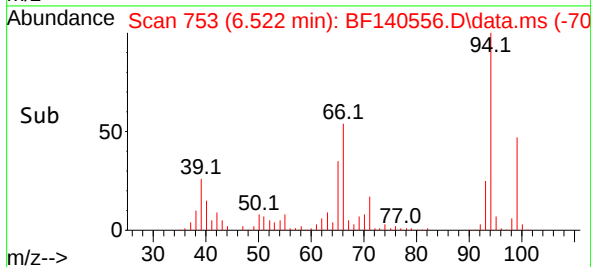
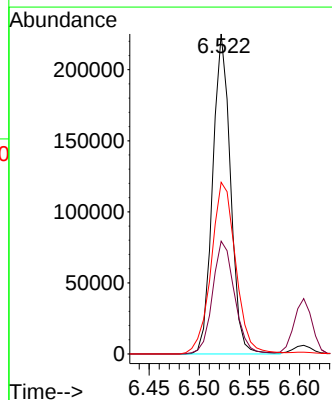
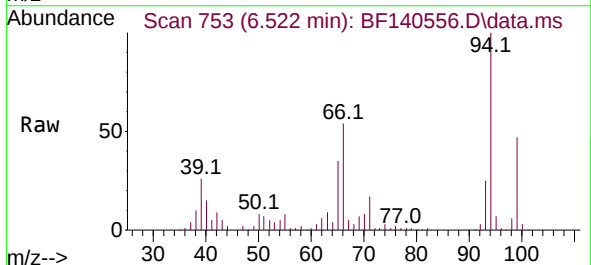
APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#10
Phenol
Concen: 49.147 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Tgt Ion: 94 Resp: 278803
Ion Ratio Lower Upper
94 100
65 35.3 17.2 57.2
66 53.7 39.2 79.2





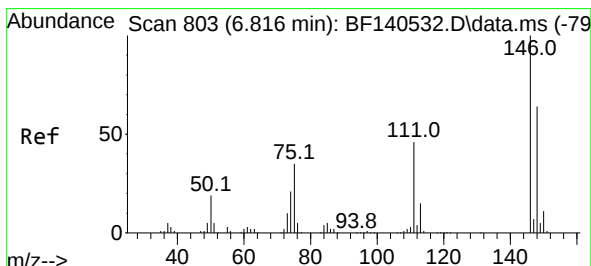
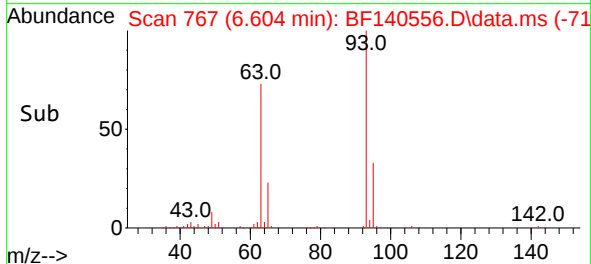
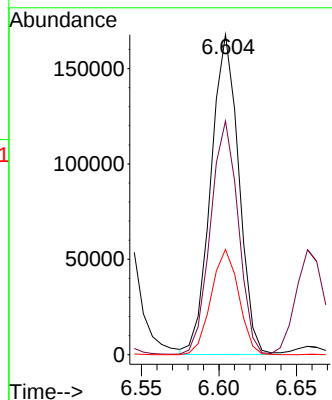
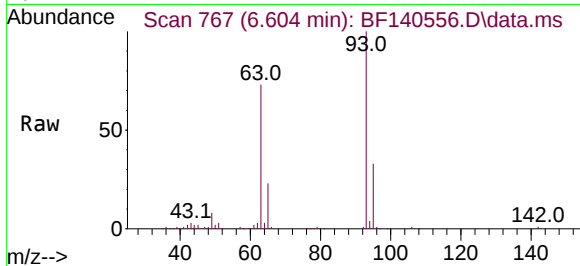
#11
bis(2-Chloroethyl)ether
Concen: 48.501 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Instrument :
BNA_F
ClientSampleId :
TP-3-WCMSD

Tgt Ion: 93 Resp: 210544
Ion Ratio Lower Upper
93 100
63 73.0 52.8 92.8
95 32.9 12.3 52.3

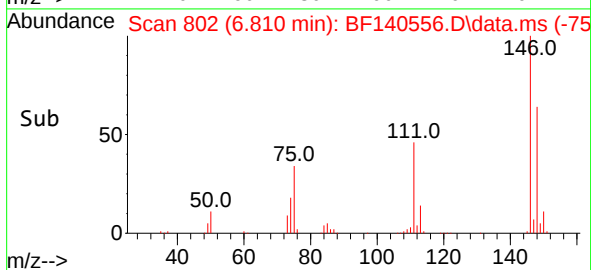
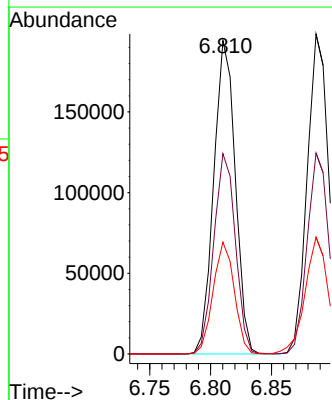
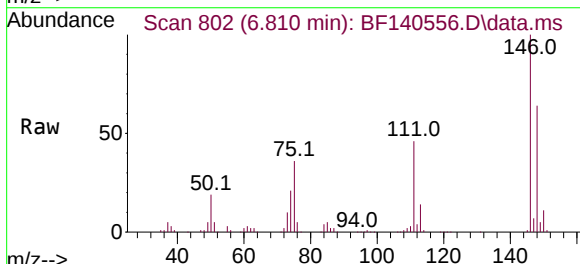
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#12
1,3-Dichlorobenzene
Concen: 47.102 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

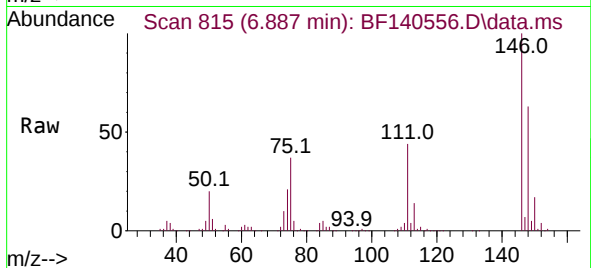
Tgt Ion:146 Resp: 239245
Ion Ratio Lower Upper
146 100
148 63.9 51.3 76.9
75 35.7 28.2 42.2





#13
1,4-Dichlorobenzene
Concen: 47.441 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

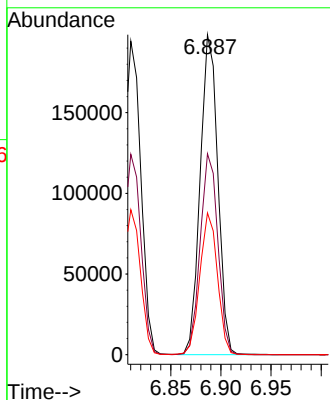
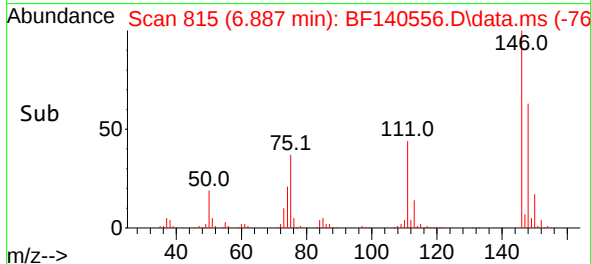
Instrument :
BNA_F
ClientSampleId :
TP-3-WCMSD



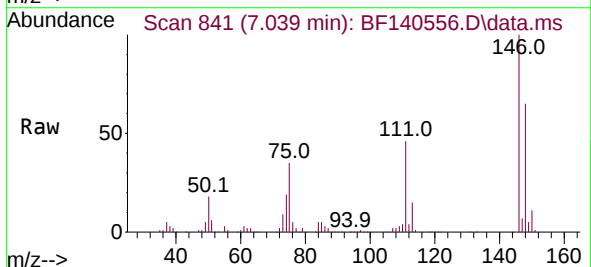
Tgt Ion:146 Resp: 243989
Ion Ratio Lower Upper
146 100
148 62.8 51.0 76.6
111 44.3 35.3 52.9

Manual Integrations
APPROVED

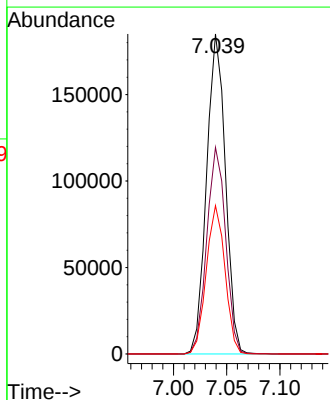
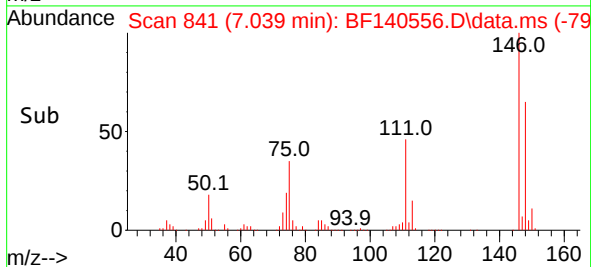
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#14
1,2-Dichlorobenzene
Concen: 47.331 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28



Tgt Ion:146 Resp: 228099
Ion Ratio Lower Upper
146 100
148 64.5 50.5 75.7
111 46.3 36.7 55.1





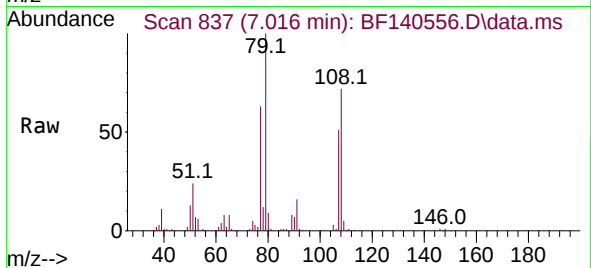
#15
Benzyl Alcohol
Concen: 48.910 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Instrument :

BNA_F

ClientSampleId :

TP-3-WCMSD

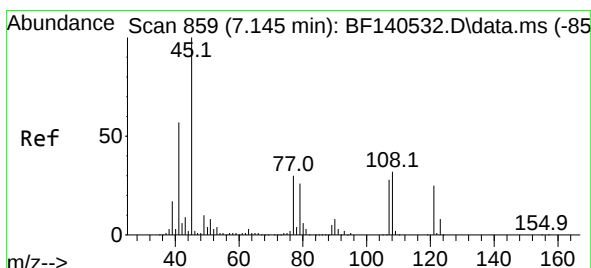
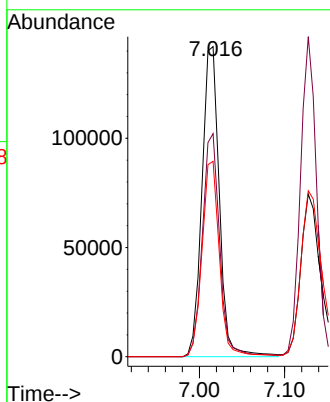
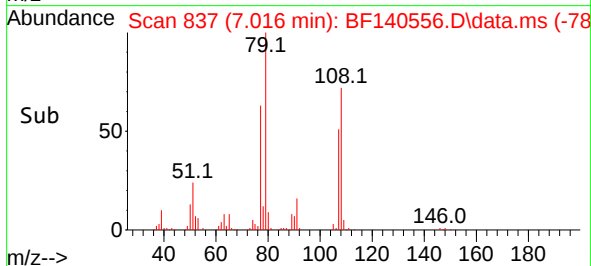


Tgt Ion: 79 Resp: 201479
Ion Ratio Lower Upper
79 100
108 71.9 55.0 82.6
77 63.0 50.1 75.1

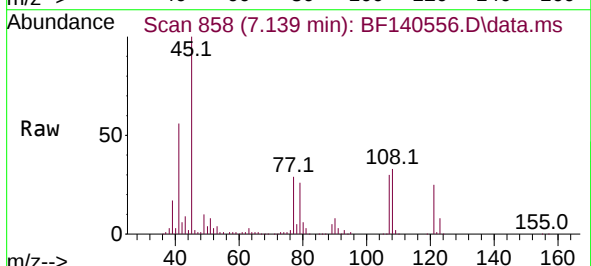
Manual Integrations

APPROVED

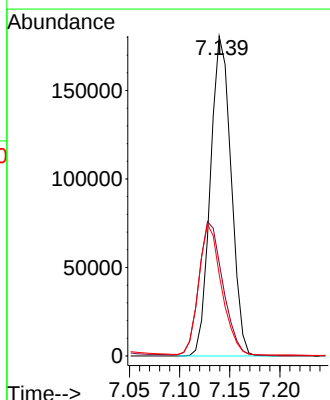
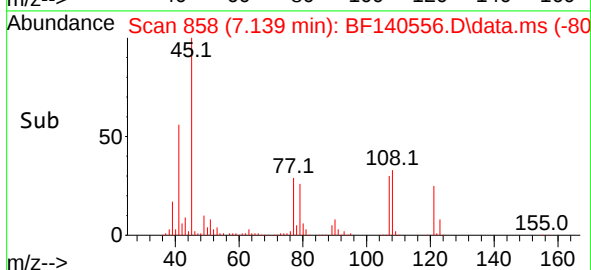
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024

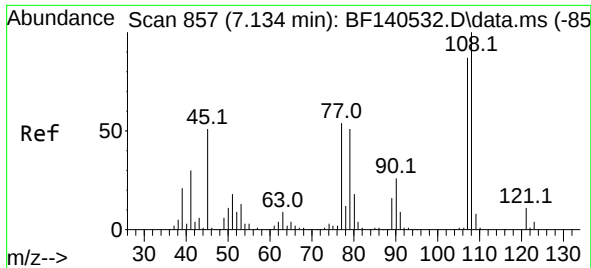


#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.640 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28



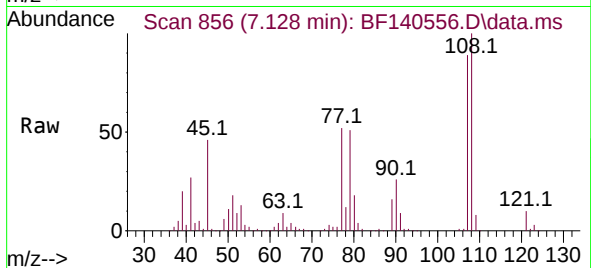
Tgt Ion: 45 Resp: 259702
Ion Ratio Lower Upper
45 100
77 29.2 10.7 50.7
79 25.6 7.0 47.0





#17
2-Methylphenol
Concen: 47.539 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

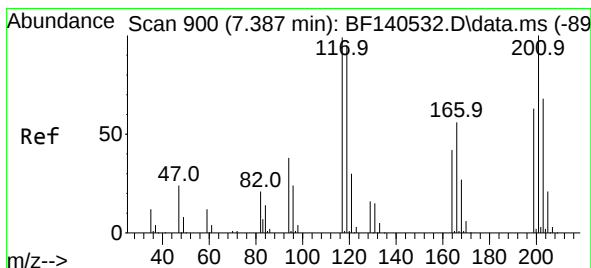
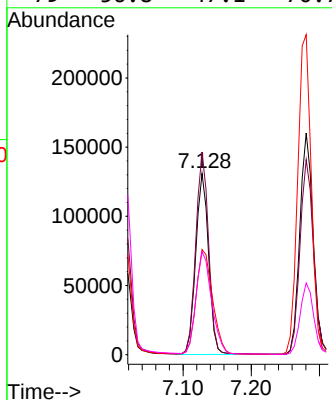
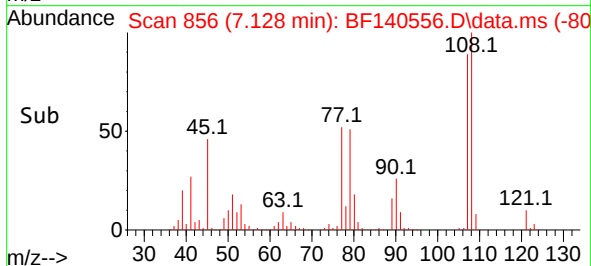
Instrument :
BNA_F
ClientSampleId :
TP-3-WCMSD



Tgt Ion:107 Resp: 17202
Ion Ratio Lower Upper
107 100
108 111.8 91.7 137.5
77 58.0 49.3 73.9
79 56.8 47.1 70.7

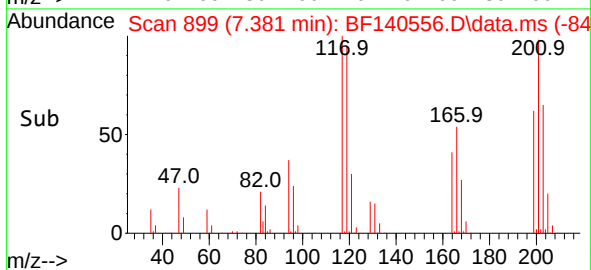
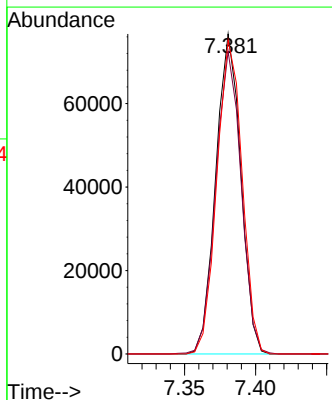
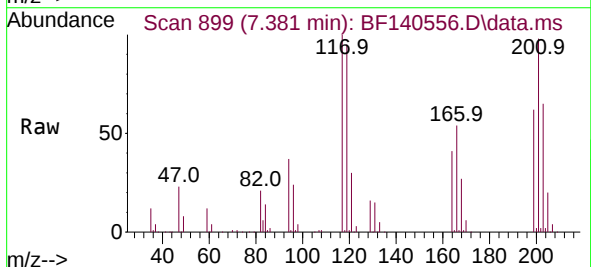
Manual Integrations
APPROVED

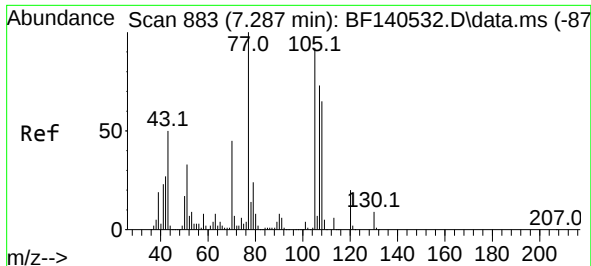
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#18
Hexachloroethane
Concen: 48.756 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Tgt Ion:117 Resp: 93654
Ion Ratio Lower Upper
117 100
119 94.6 77.1 115.7
201 98.1 81.1 121.7





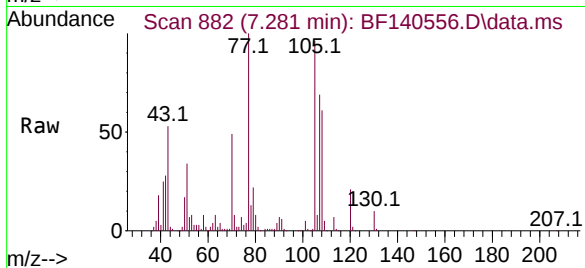
#19
n-Nitroso-di-n-propylamine
Concen: 47.114 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Instrument :

BNA_F

ClientSampleId :

TP-3-WCMSD

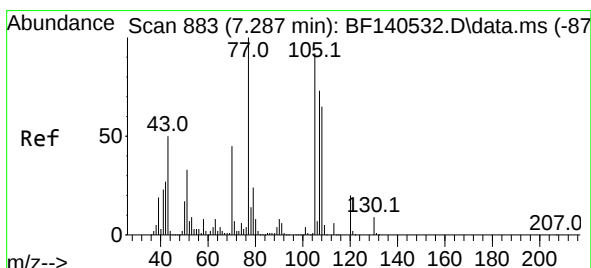
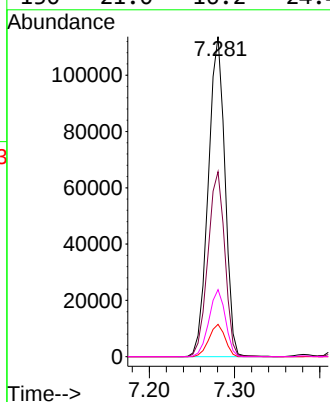
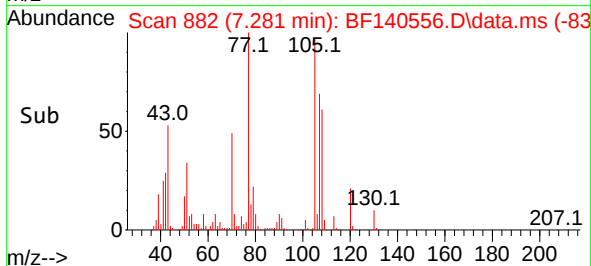


Tgt Ion: 70 Resp: 15466
Ion Ratio Lower Upper
70 100
42 57.8 47.6 71.4
101 10.1 7.6 11.4
130 21.0 16.2 24.4

Manual Integrations

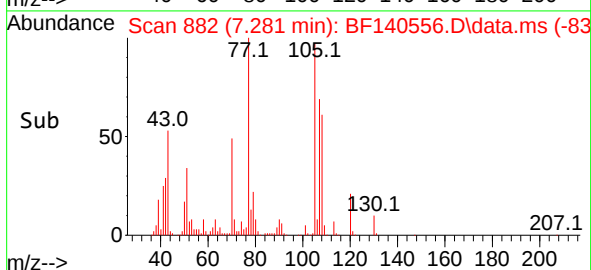
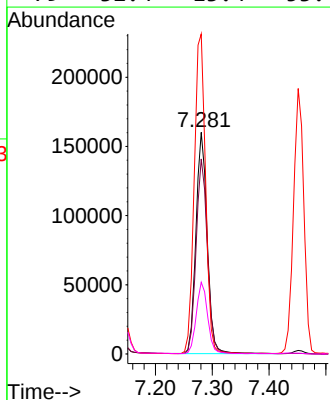
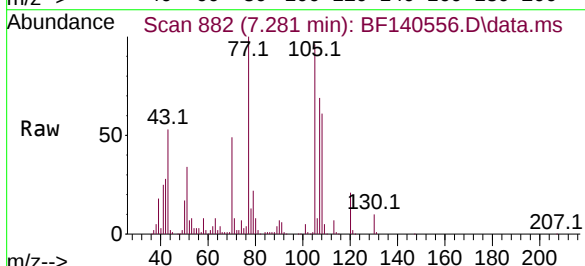
APPROVED

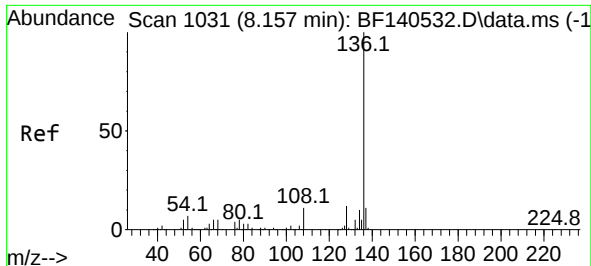
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#20
3+4-Methylphenols
Concen: 47.390 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Tgt Ion:107 Resp: 220415
Ion Ratio Lower Upper
107 100
108 88.0 69.9 109.9
77 144.4 117.7 157.7
79 32.4 13.4 53.4





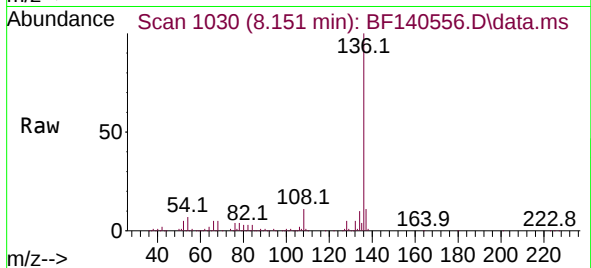
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Instrument :

BNA_F

ClientSampleId :

TP-3-WCMSD

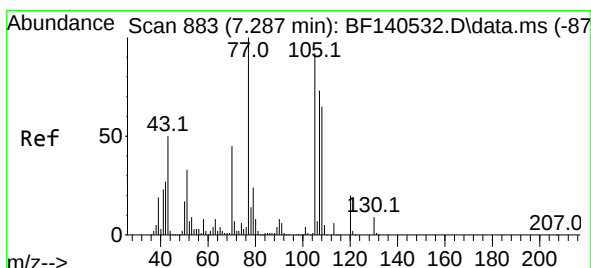
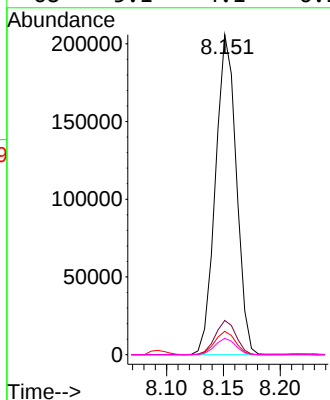
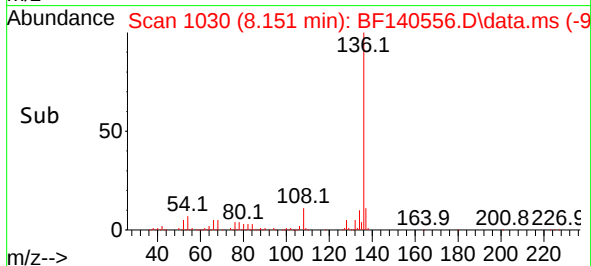


Tgt Ion:136 Resp: 262910
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.3 5.8 8.8
68 5.1 4.1 6.1

Manual Integrations

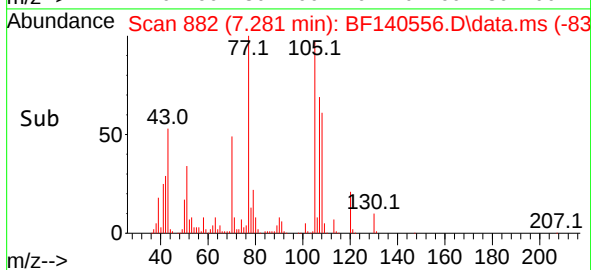
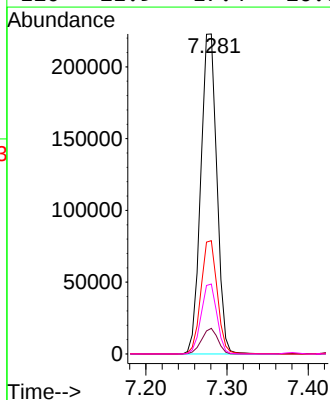
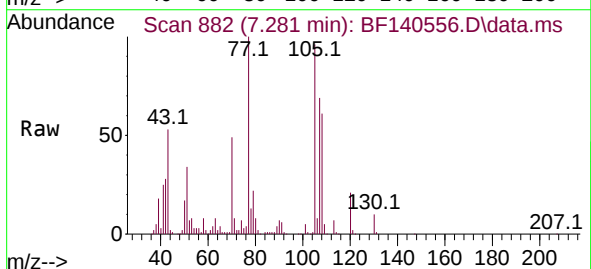
APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#22
Acetophenone
Concen: 47.764 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Tgt Ion:105 Resp: 306152
Ion Ratio Lower Upper
105 100
71 8.0 6.2 9.2
51 35.4 29.0 43.6
120 21.9 17.4 26.0





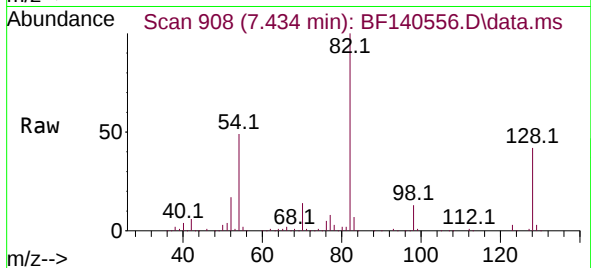
#23
Nitrobenzene-d5
Concen: 57.814 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Instrument :

BNA_F

ClientSampleId :

TP-3-WCMSD

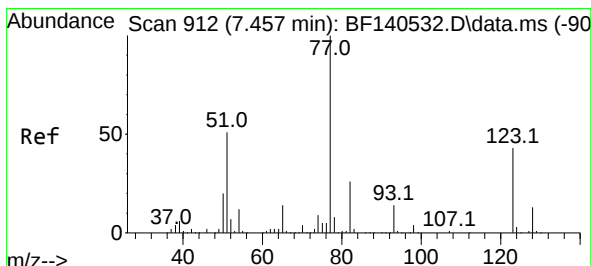
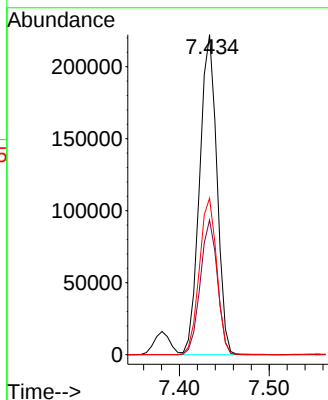
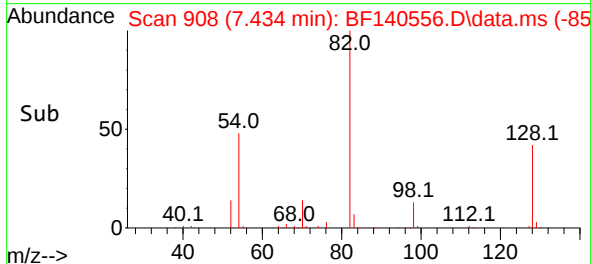


Tgt Ion: 82 Resp: 29716
Ion Ratio Lower Upper
82 100
128 42.1 33.0 49.4
54 48.9 39.5 59.3

Manual Integrations

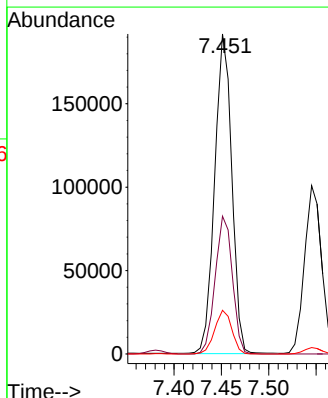
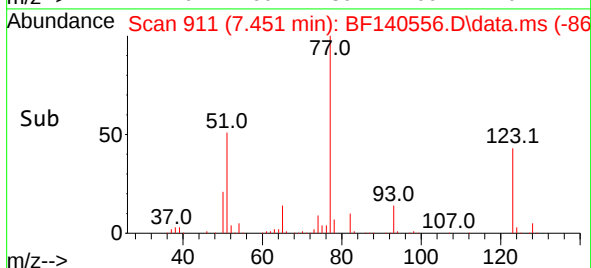
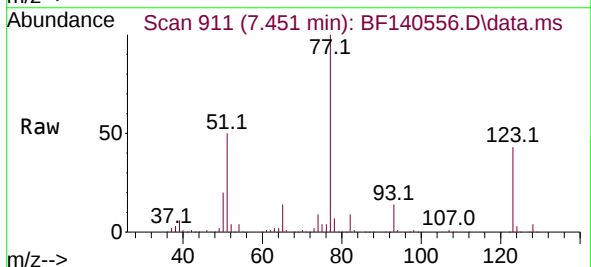
APPROVED

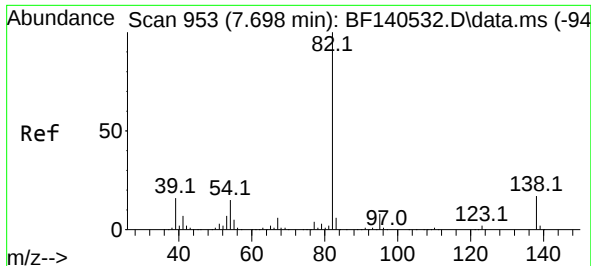
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#24
Nitrobenzene
Concen: 45.402 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Tgt Ion: 77 Resp: 241187
Ion Ratio Lower Upper
77 100
123 43.0 34.3 51.5
65 13.7 11.2 16.8





#25
Isophorone
Concen: 48.065 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Instrument :

BNA_F

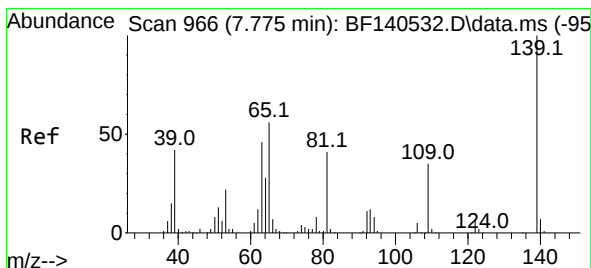
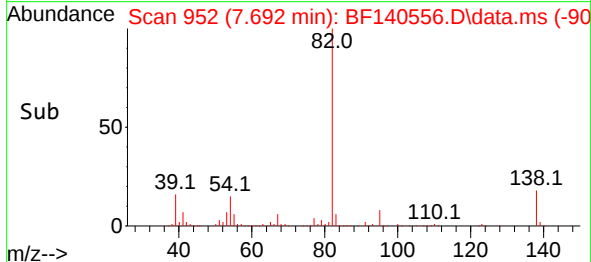
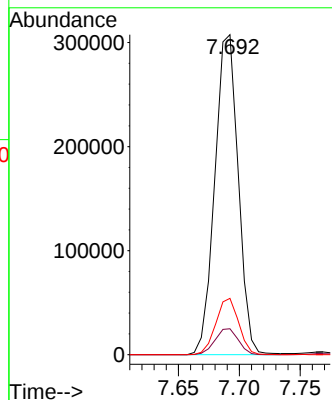
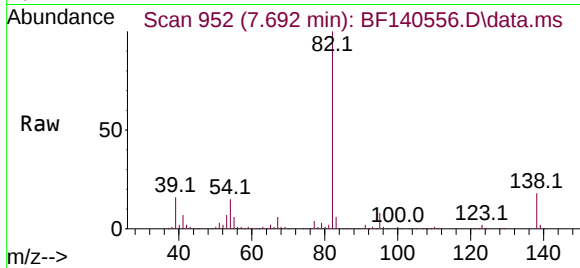
ClientSampleId :

TP-3-WCMSD

Tgt Ion: 82 Resp: 41206
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 17.6 13.8 20.6

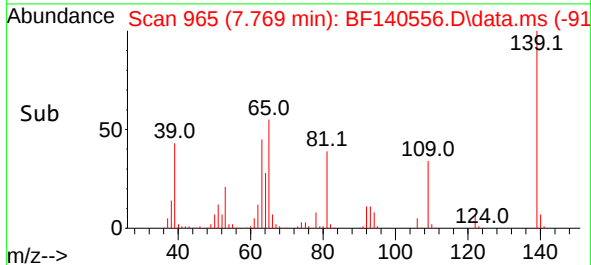
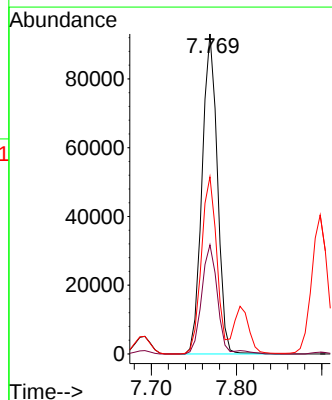
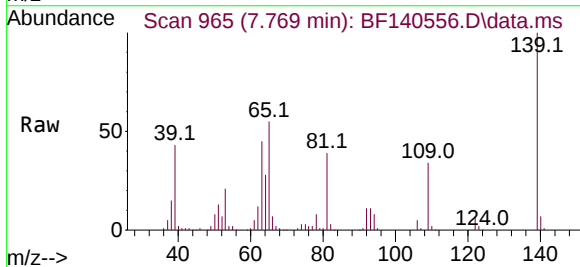
Manual Integrations
APPROVED

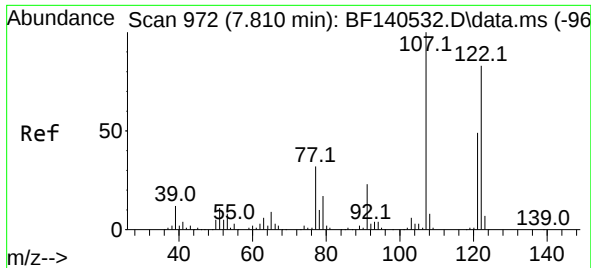
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#26
2-Nitrophenol
Concen: 49.312 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Tgt Ion:139 Resp: 116088
Ion Ratio Lower Upper
139 100
109 34.1 28.0 42.0
65 55.4 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 58.445 ng m
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Instrument :

BNA_F

ClientSampleId :

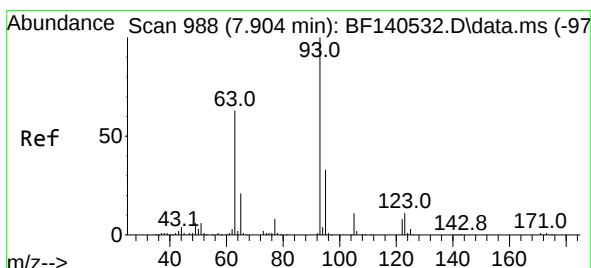
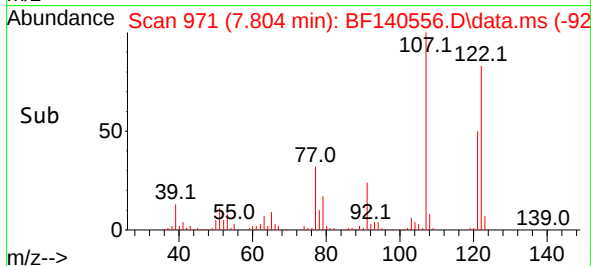
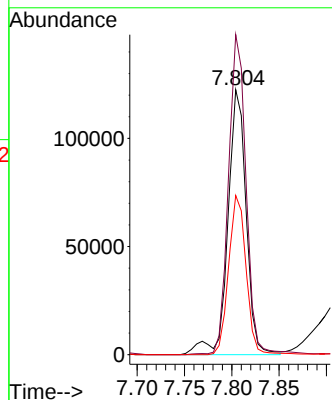
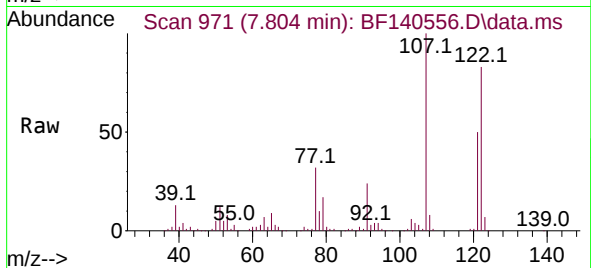
TP-3-WCMSD

Tgt Ion:122 Resp: 16462
Ion Ratio Lower Upper
122 100
107 120.7 96.8 145.2
121 60.1 47.4 71.0

Manual Integrations

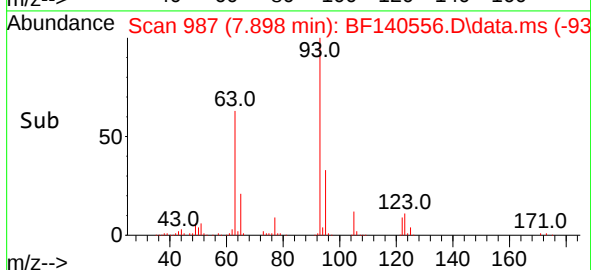
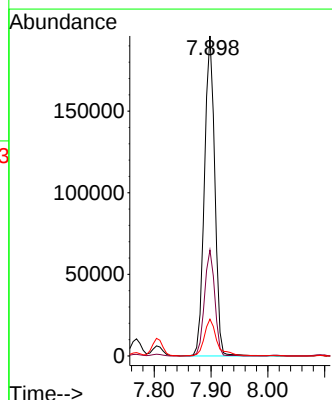
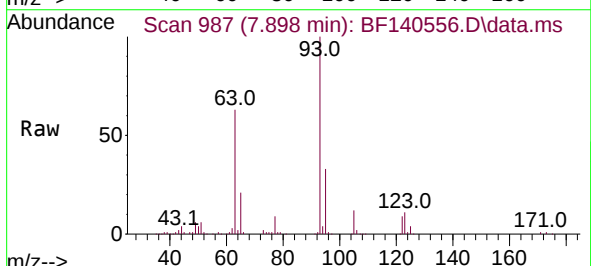
APPROVED

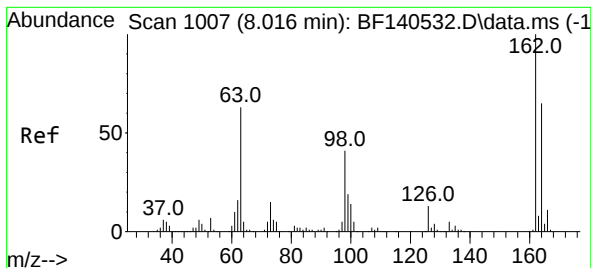
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#28
bis(2-Chloroethoxy)methane
Concen: 47.516 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Tgt Ion: 93 Resp: 248163
Ion Ratio Lower Upper
93 100
95 33.1 26.1 39.1
123 11.5 9.1 13.7





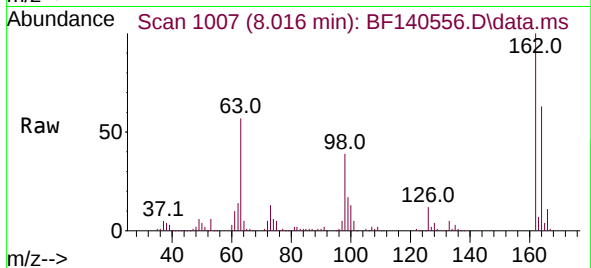
#29
2,4-Dichlorophenol
Concen: 47.889 ng
RT: 8.016 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Instrument :

BNA_F

ClientSampleId :

TP-3-WCMSD

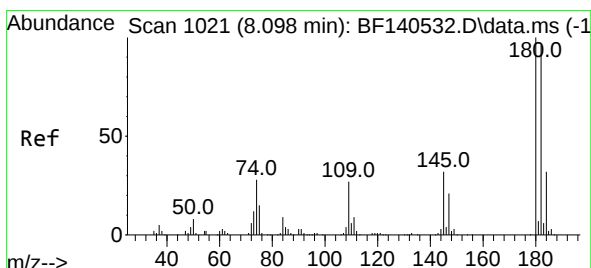
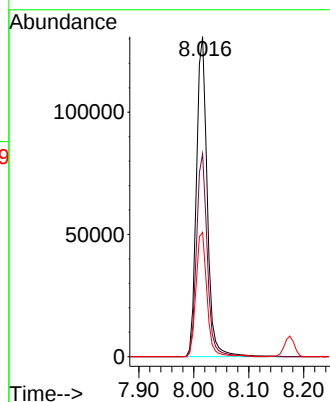
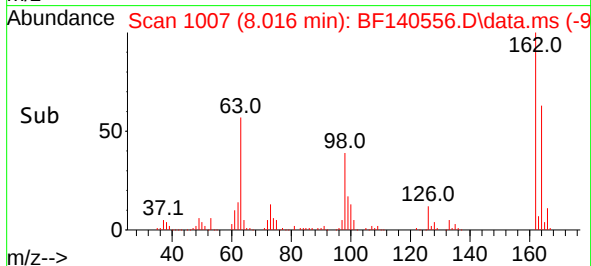


Tgt Ion:162 Resp: 178739
Ion Ratio Lower Upper
162 100
164 63.4 44.8 84.8
98 38.8 21.2 61.2

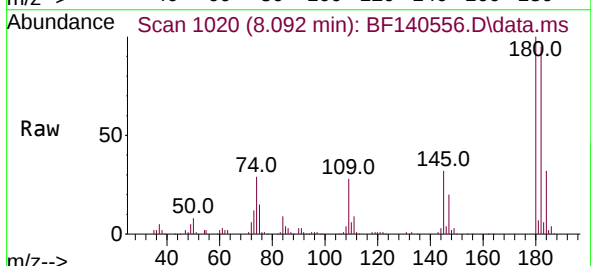
Manual Integrations

APPROVED

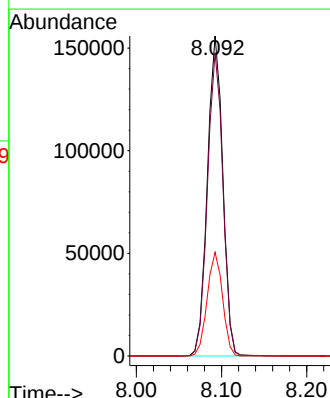
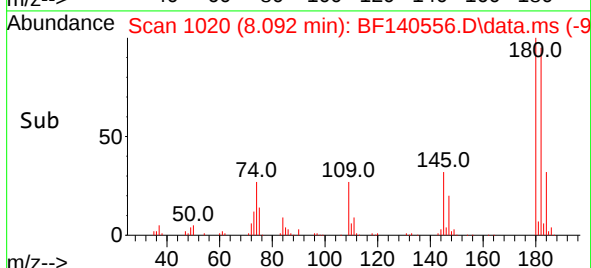
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024

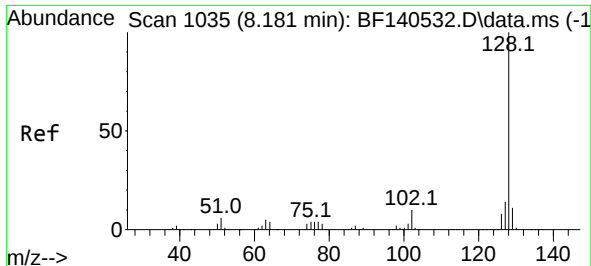


#30
1,2,4-Trichlorobenzene
Concen: 46.111 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28



Tgt Ion:180 Resp: 196504
Ion Ratio Lower Upper
180 100
182 94.8 76.4 114.6
145 32.4 25.9 38.9





#31
Naphthalene
Concen: 47.155 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Instrument :

BNA_F

ClientSampleId :

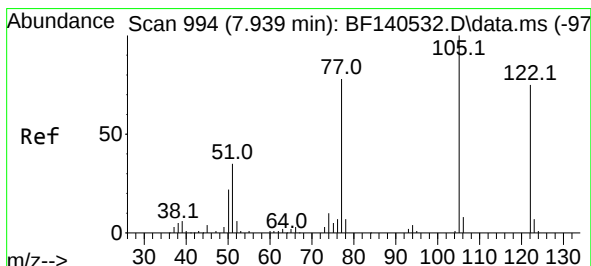
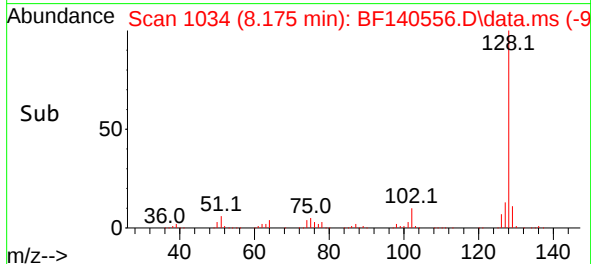
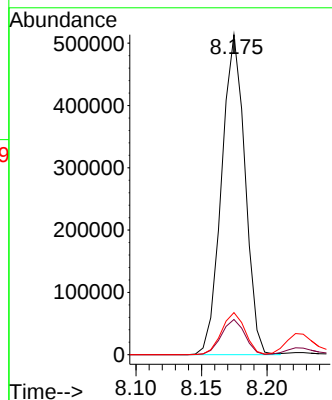
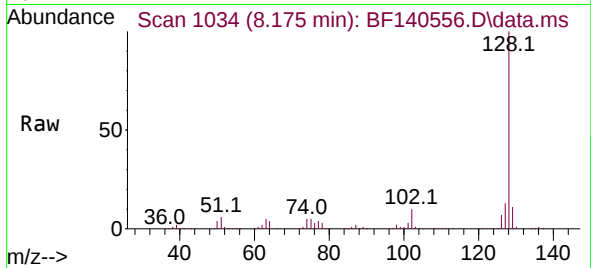
TP-3-WCMSD

Tgt Ion:128 Resp: 638580
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.2 10.8 16.2

Manual Integrations

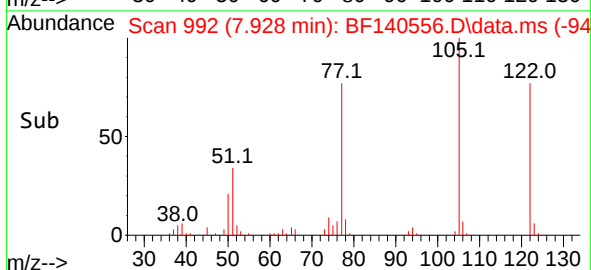
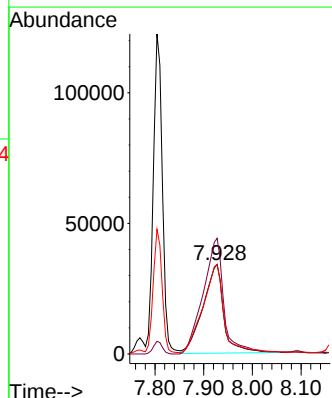
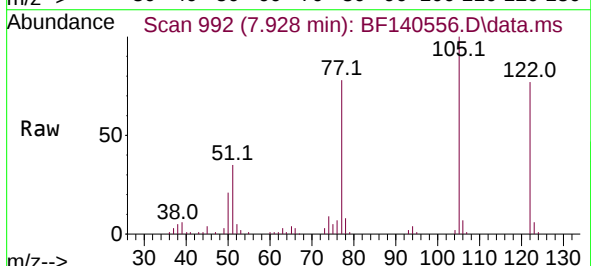
APPROVED

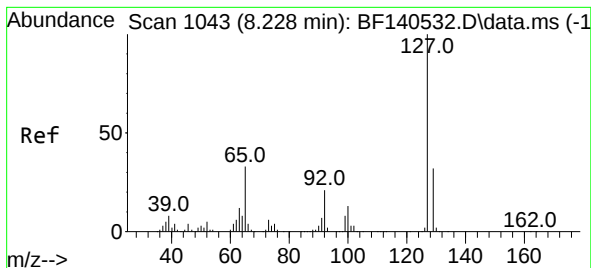
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#32
Benzoic acid
Concen: 42.021 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.011 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Tgt Ion:122 Resp: 100416
Ion Ratio Lower Upper
122 100
105 129.4 109.3 149.3
77 100.3 82.3 122.3





#33

4-Chloroaniline

Concen: 15.321 ng

RT: 8.222 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BF140556.D

Acq: 22 Nov 2024 00:28

Instrument :

BNA_F

ClientSampleId :

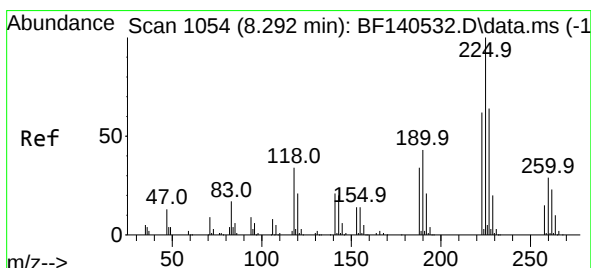
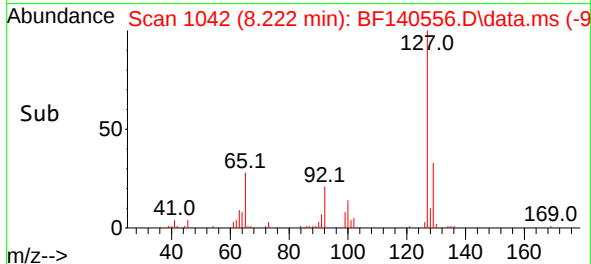
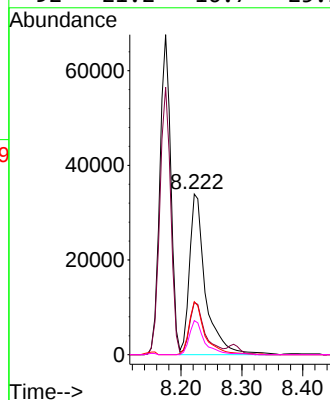
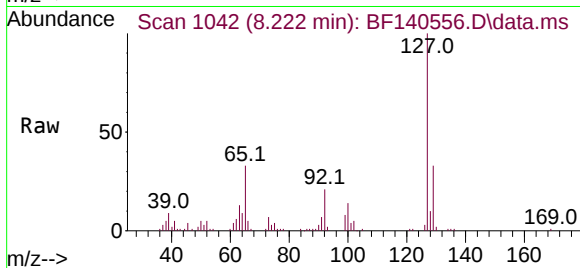
TP-3-WCMSD

Tgt Ion:	127	Resp:	62119
Ion Ratio	Lower	Upper	
127	100		
129	32.6	26.0	39.0
65	33.0	26.0	39.0
92	21.2	16.7	25.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#34

Hexachlorobutadiene

Concen: 47.915 ng

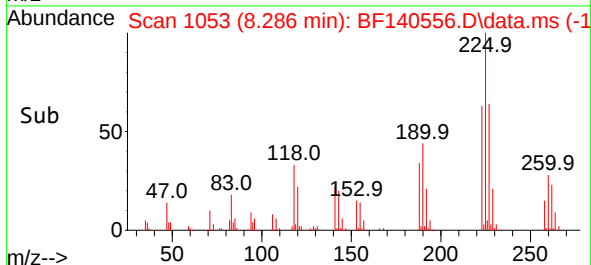
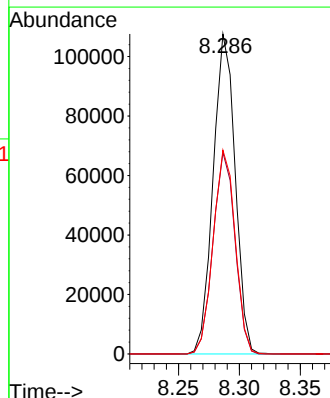
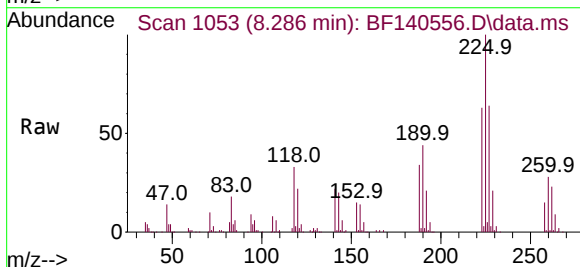
RT: 8.286 min Scan# 1053

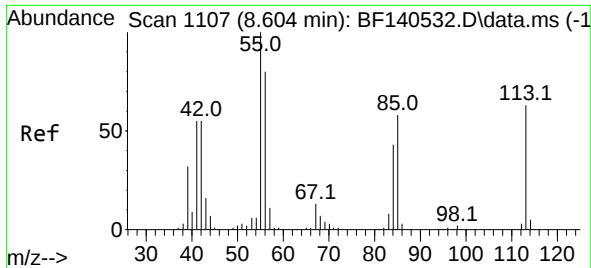
Delta R.T. -0.006 min

Lab File: BF140556.D

Acq: 22 Nov 2024 00:28

Tgt Ion:	225	Resp:	135247
Ion Ratio	Lower	Upper	
225	100		
223	62.9	49.8	74.8
227	63.7	51.3	76.9





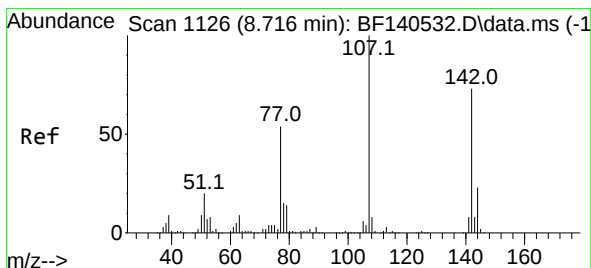
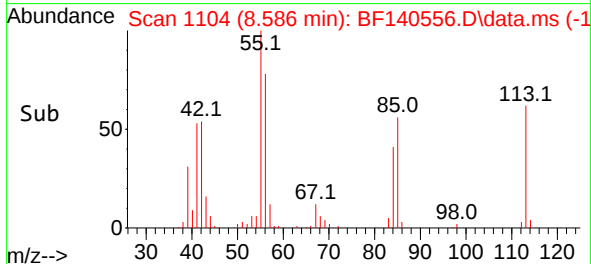
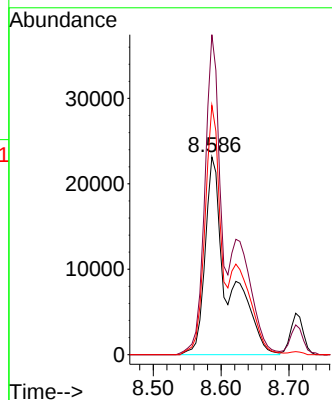
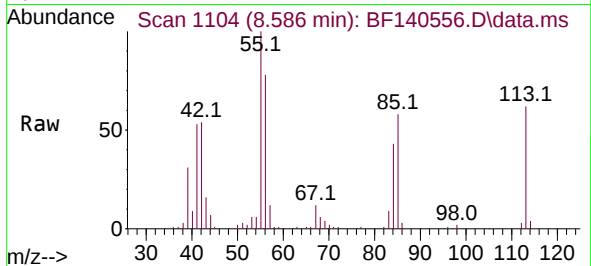
#35
Caprolactam
Concen: 47.543 ng m
RT: 8.586 min Scan# 1104
Delta R.T. -0.018 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Instrument :
BNA_F
ClientSampleId :
TP-3-WCMSD

Tgt Ion:113 Resp: 54914
Ion Ratio Lower Upper
113 100
55 161.9 137.7 177.7
56 126.1 106.4 146.4

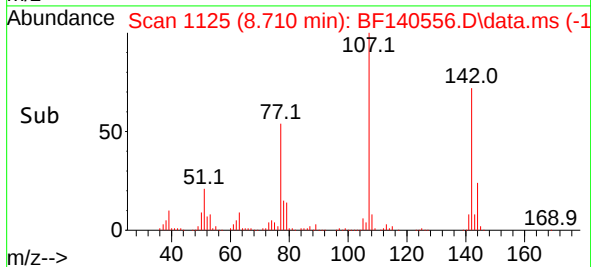
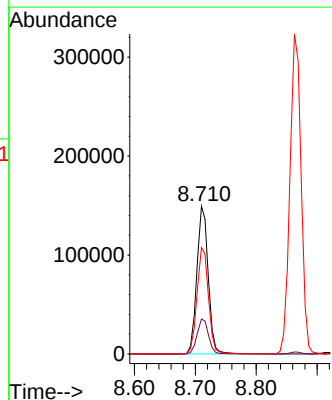
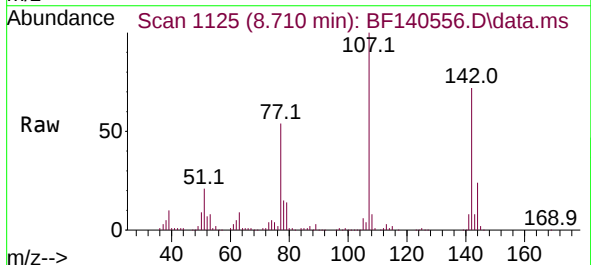
Manual Integrations
APPROVED

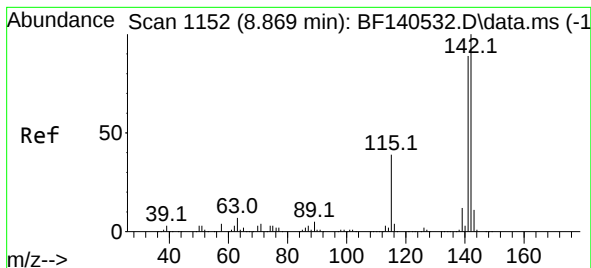
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#36
4-Chloro-3-methylphenol
Concen: 46.388 ng
RT: 8.710 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Tgt Ion:107 Resp: 193848
Ion Ratio Lower Upper
107 100
144 23.7 18.7 28.1
142 72.0 58.3 87.5





#37
2-Methylnaphthalene
Concen: 47.988 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Instrument :

BNA_F

ClientSampleId :

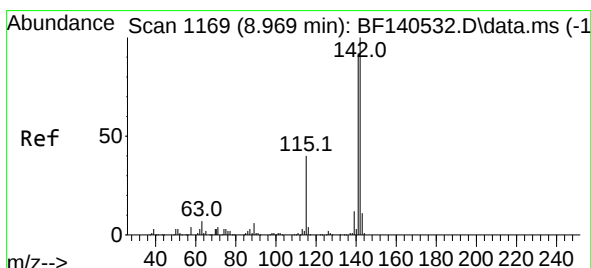
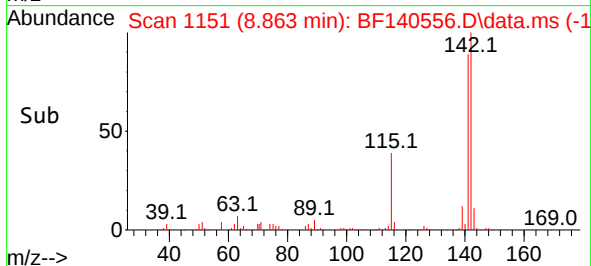
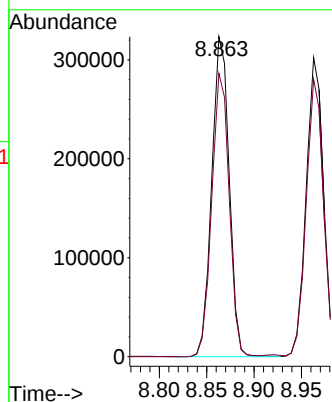
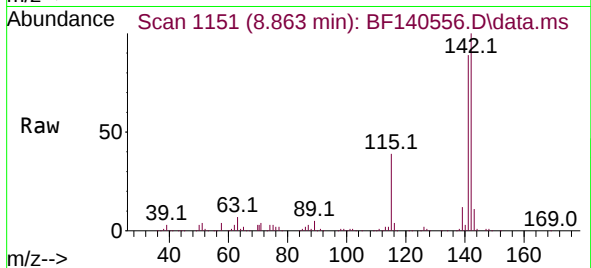
TP-3-WCMSD

Tgt Ion:142 Resp: 41276
Ion Ratio Lower Upper
142 100
141 88.5 71.0 106.6

Manual Integrations

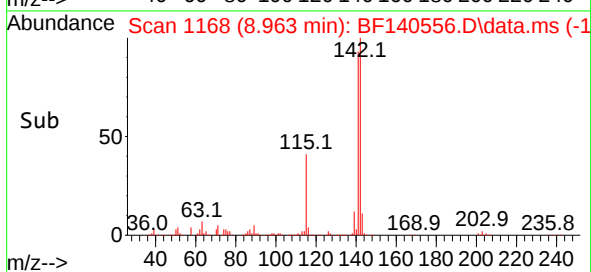
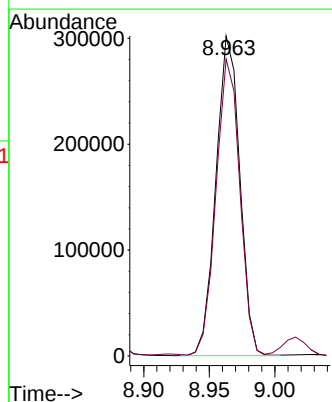
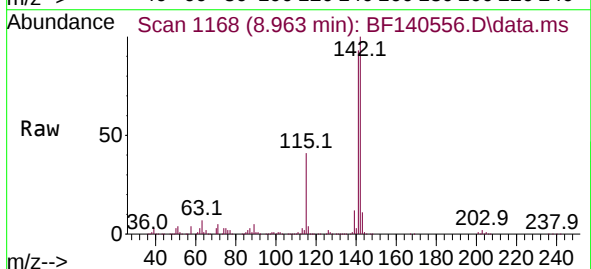
APPROVED

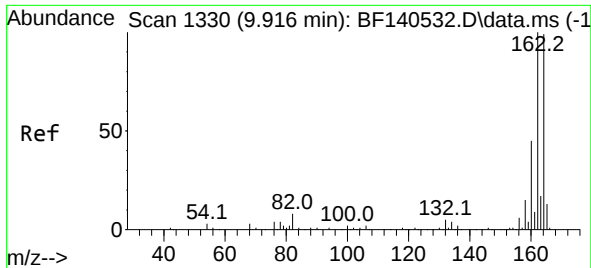
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#38
1-Methylnaphthalene
Concen: 45.190 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Tgt Ion:142 Resp: 380999
Ion Ratio Lower Upper
142 100
141 92.8 73.3 109.9





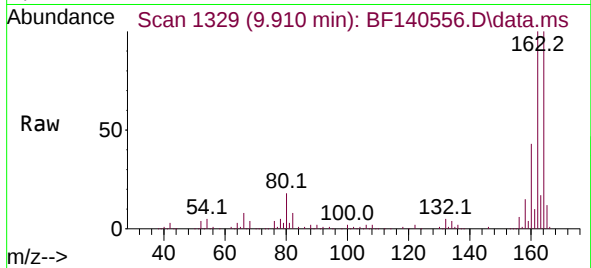
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Instrument :

BNA_F

ClientSampleId :

TP-3-WCMSD

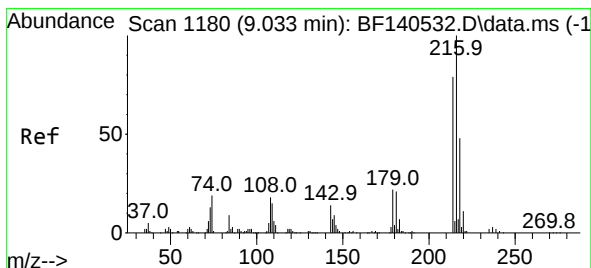
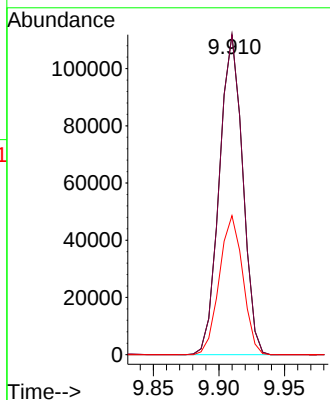
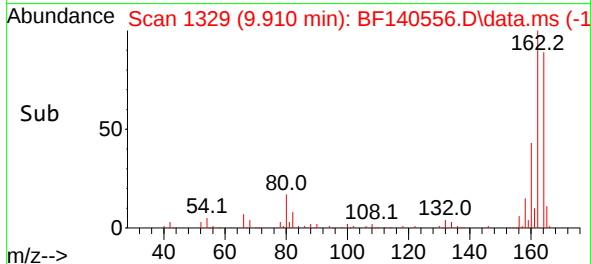


Tgt Ion:164 Resp: 13800
Ion Ratio Lower Upper
164 100
162 100.1 80.6 120.8
160 43.5 36.2 54.4

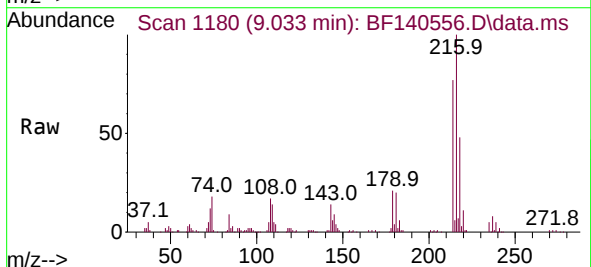
Manual Integrations

APPROVED

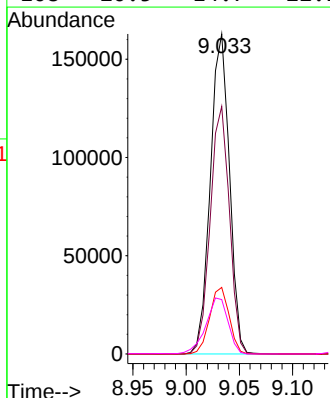
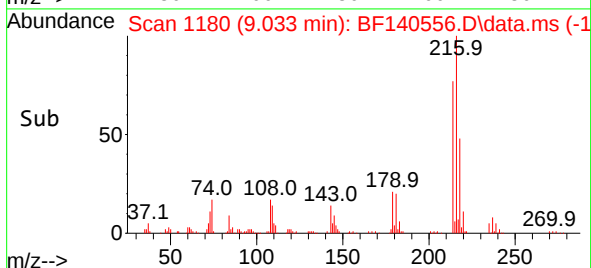
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024

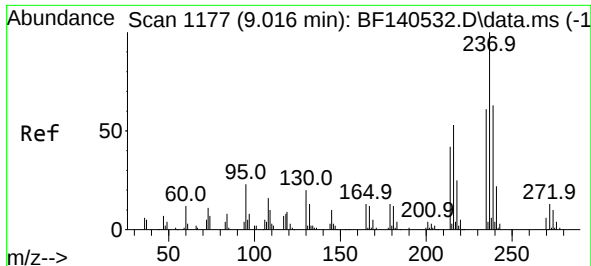


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.202 ng
RT: 9.033 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28



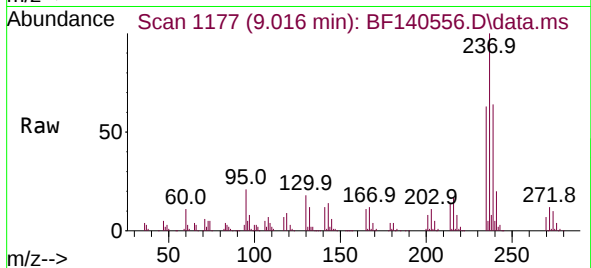
Tgt Ion:216 Resp: 202818
Ion Ratio Lower Upper
216 100
214 77.6 63.0 94.4
179 21.2 17.5 26.3
108 20.5 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 187.312 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

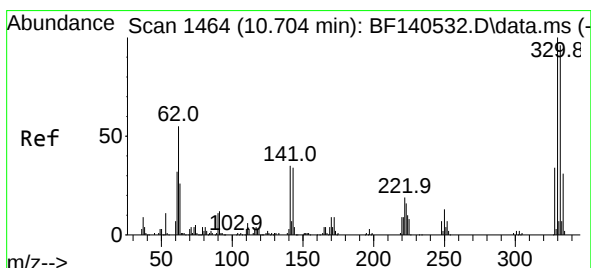
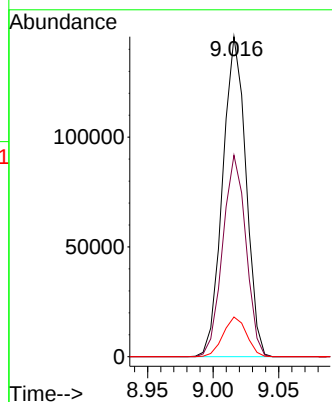
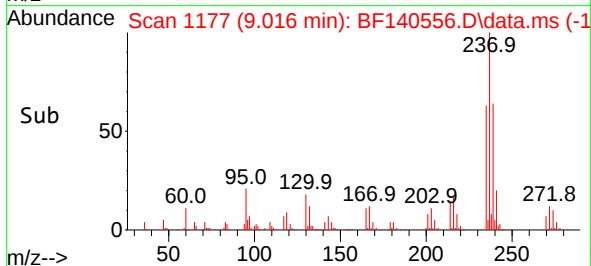
Instrument :
BNA_F
ClientSampleId :
TP-3-WCMSD



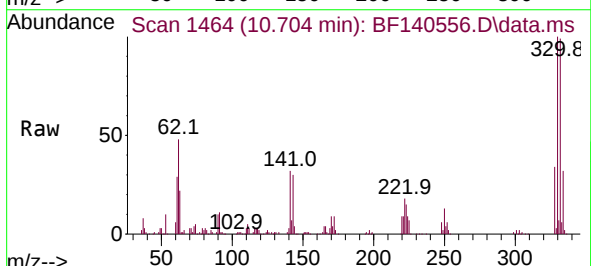
Tgt Ion:237 Resp: 179874
Ion Ratio Lower Upper
237 100
235 62.9 41.1 81.1
272 12.4 0.0 32.6

Manual Integrations
APPROVED

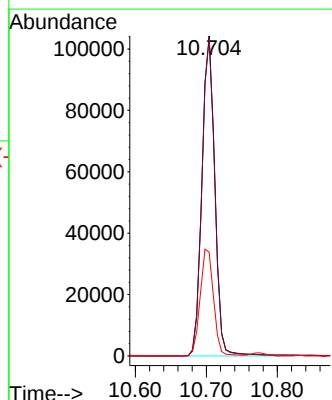
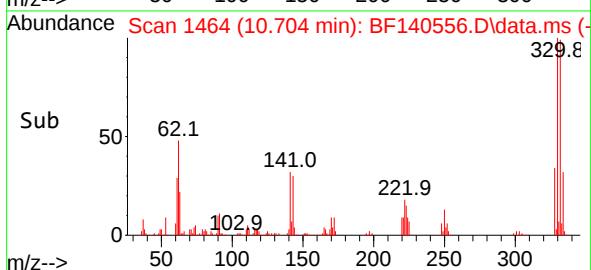
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024

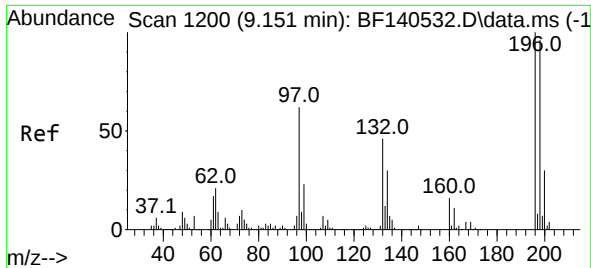


#42
2,4,6-Tribromophenol
Concen: 89.791 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28



Tgt Ion:330 Resp: 132527
Ion Ratio Lower Upper
330 100
332 98.3 76.9 115.3
141 34.5 26.7 40.1





#43
2,4,6-Trichlorophenol
Concen: 49.355 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Instrument :

BNA_F

ClientSampleId :

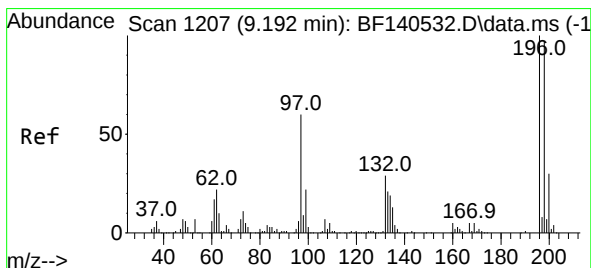
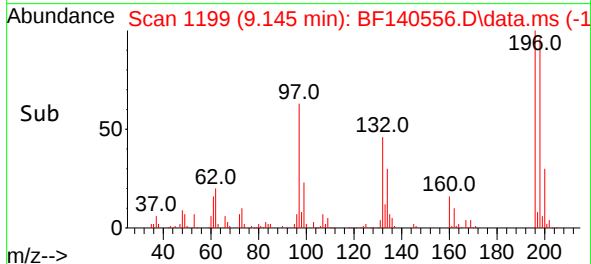
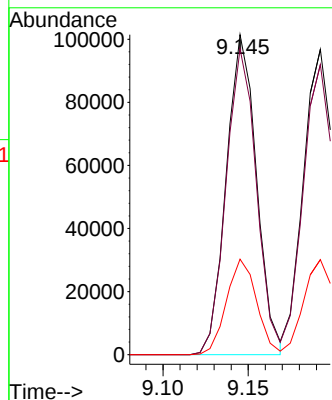
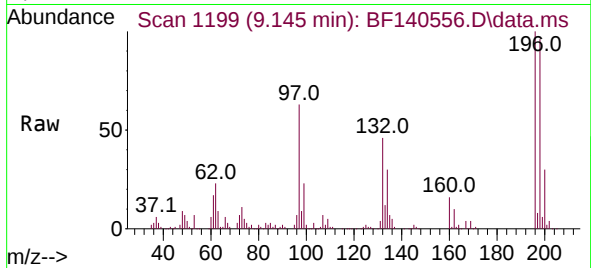
TP-3-WCMSD

Tgt Ion:196 Resp: 125118
Ion Ratio Lower Upper
196 100
198 95.6 76.8 115.2
200 29.9 24.3 36.5

Manual Integrations

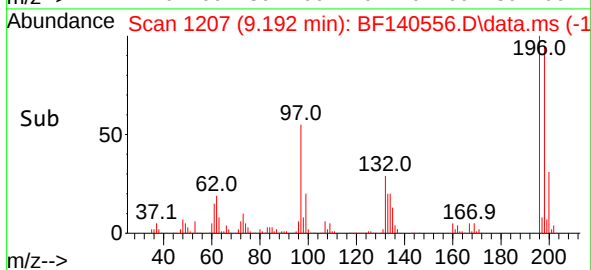
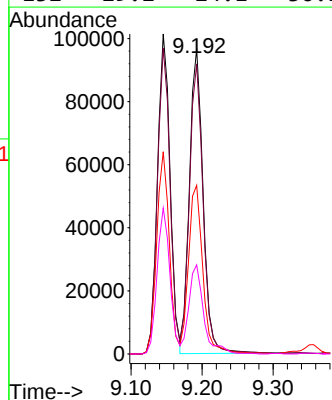
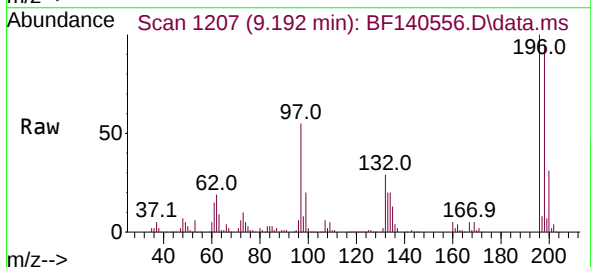
APPROVED

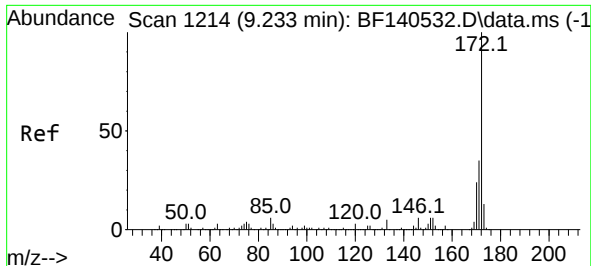
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#44
2,4,5-Trichlorophenol
Concen: 47.239 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Tgt Ion:196 Resp: 129969
Ion Ratio Lower Upper
196 100
198 95.0 77.2 115.8
97 55.2 47.1 70.7
132 29.2 24.1 36.1





#45
2-Fluorobiphenyl
Concen: 56.993 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Instrument :

BNA_F

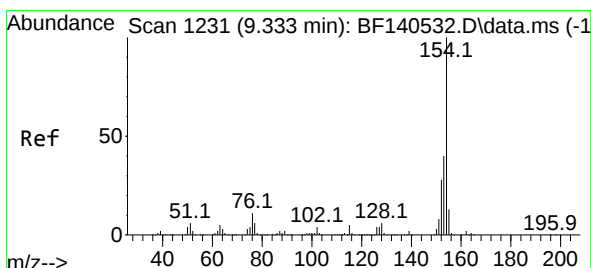
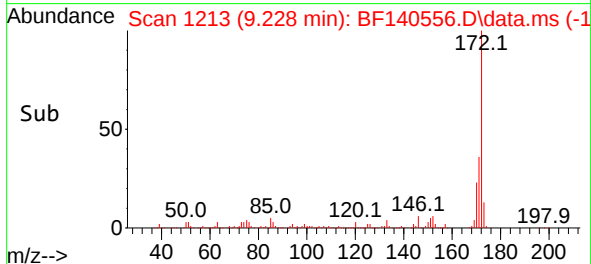
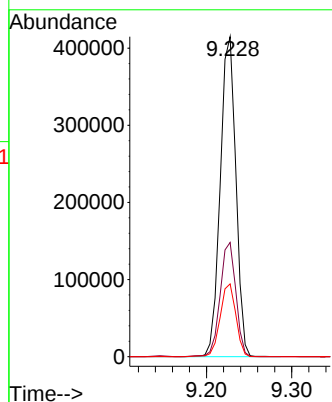
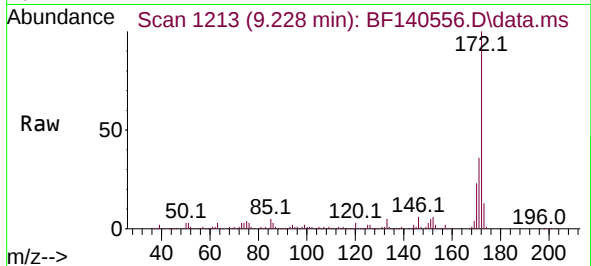
ClientSampleId :

TP-3-WCMSD

Tgt Ion:172 Resp: 52788
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 22.7 19.0 28.6

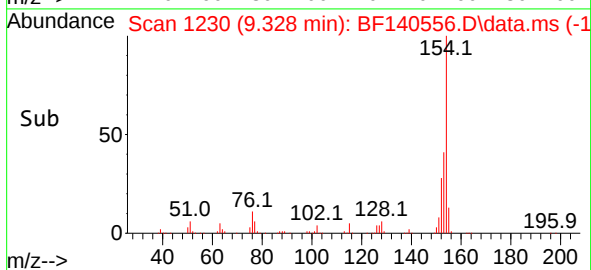
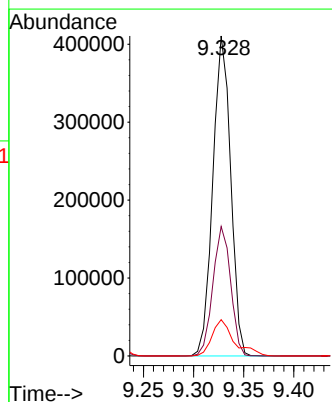
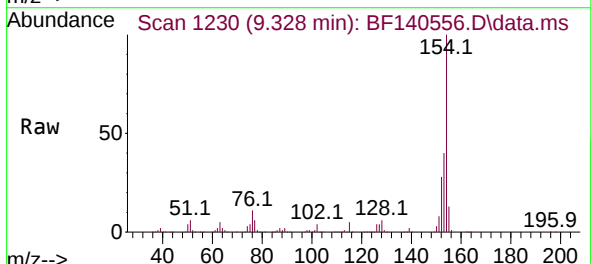
Manual Integrations
APPROVED

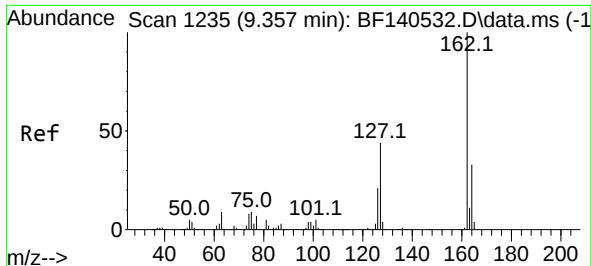
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#46
1,1'-Biphenyl
Concen: 49.310 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Tgt Ion:154 Resp: 508061
Ion Ratio Lower Upper
154 100
153 40.5 20.4 60.4
76 11.4 0.0 31.2





#47

2-Chloronaphthalene

Concen: 48.045 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BF140556.D

Acq: 22 Nov 2024 00:28

Instrument :

BNA_F

ClientSampleId :

TP-3-WCMSD

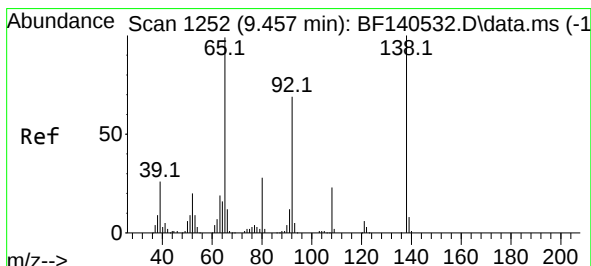
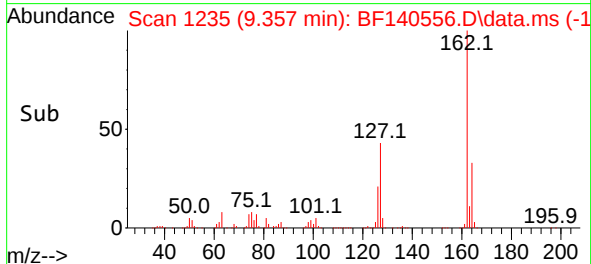
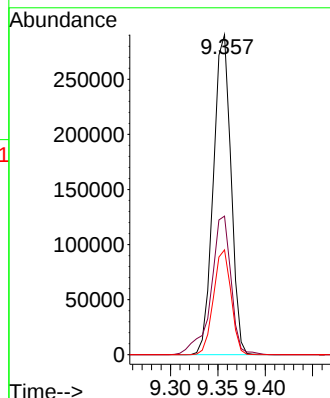
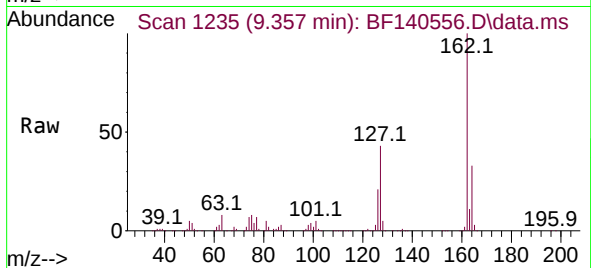
Tgt Ion:162 Resp: 375094

Ion	Ratio	Lower	Upper
162	100		
127	43.3	35.7	53.5
164	32.8	26.1	39.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#48

2-Nitroaniline

Concen: 49.445 ng

RT: 9.451 min Scan# 1251

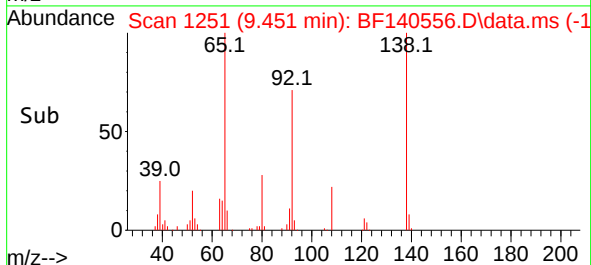
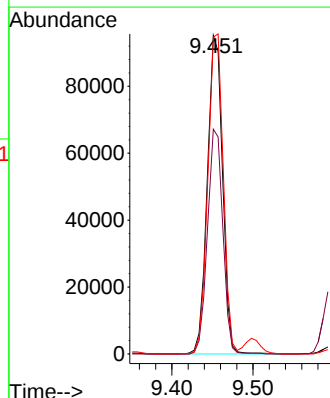
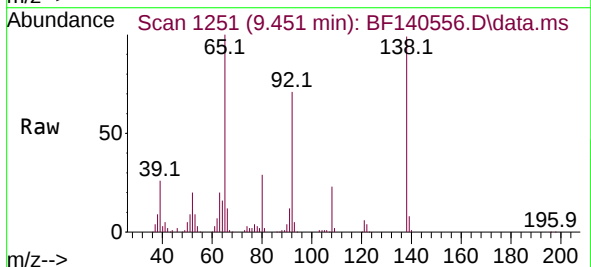
Delta R.T. -0.006 min

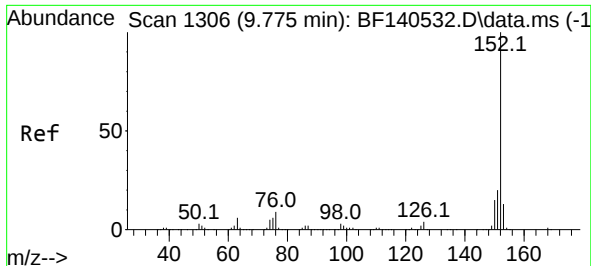
Lab File: BF140556.D

Acq: 22 Nov 2024 00:28

Tgt Ion: 65 Resp: 123906

Ion	Ratio	Lower	Upper
65	100		
92	70.6	56.1	84.1
138	99.4	81.0	121.6





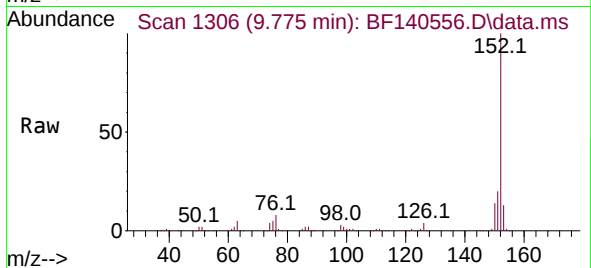
#49
Acenaphthylene
Concen: 52.780 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Instrument :

BNA_F

ClientSampleId :

TP-3-WCMSD

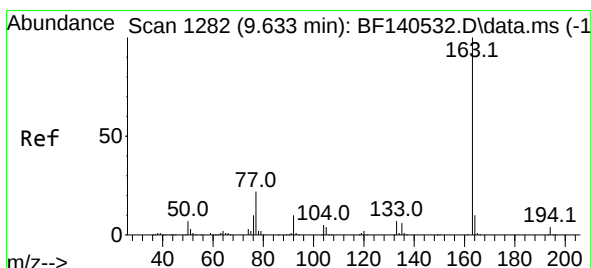
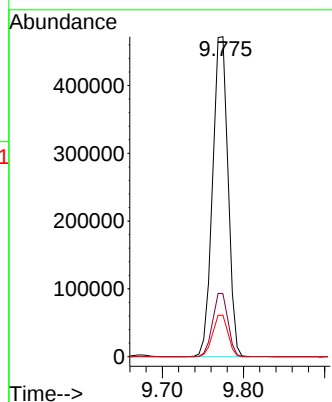
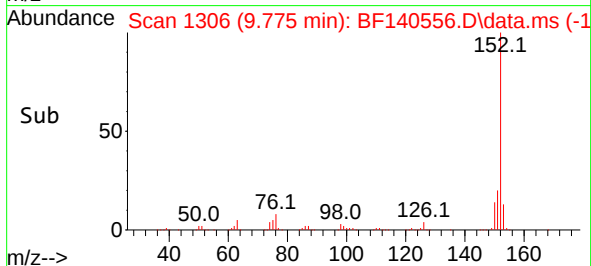


Tgt Ion:152 Resp: 622594
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.0 10.6 16.0

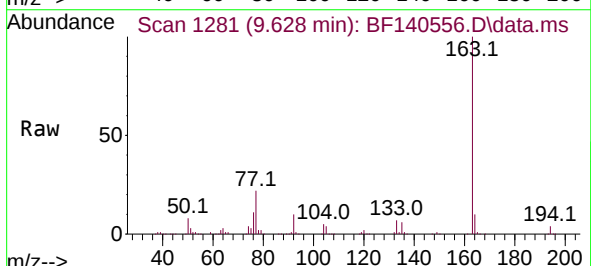
Manual Integrations

APPROVED

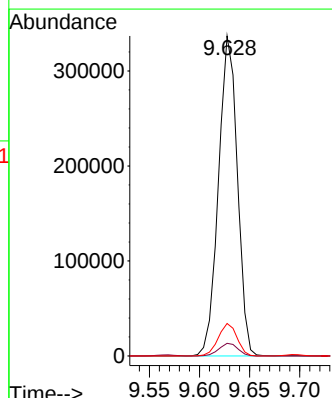
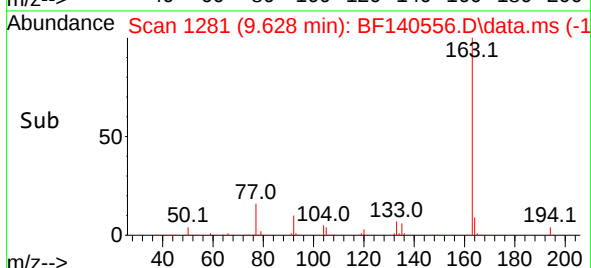
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024

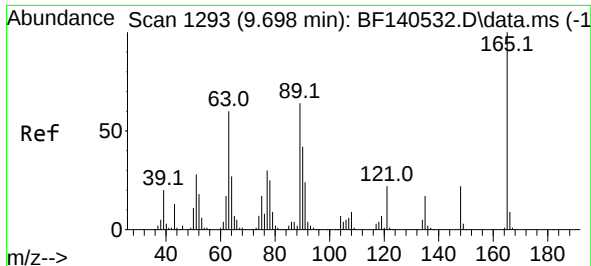


#50
Dimethylphthalate
Concen: 48.604 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28



Tgt Ion:163 Resp: 441748
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 8.2 12.2





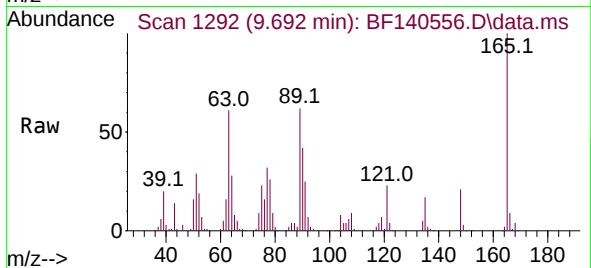
#51
2,6-Dinitrotoluene
Concen: 46.810 ng
RT: 9.692 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Instrument :

BNA_F

ClientSampleId :

TP-3-WCMSD

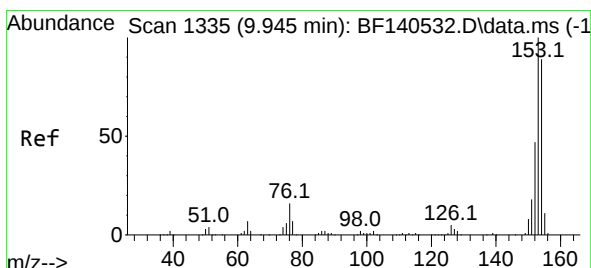
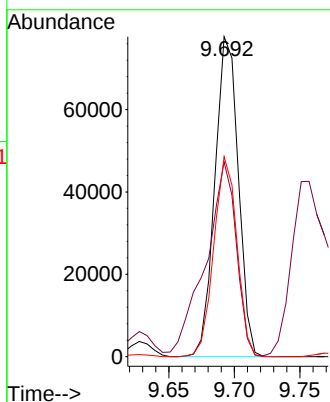
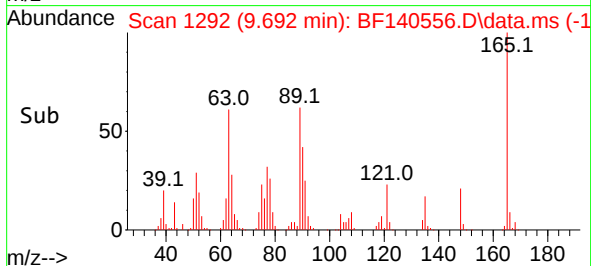


Tgt Ion:165 Resp: 96489
Ion Ratio Lower Upper
165 100
63 60.8 49.9 74.9
89 62.5 50.9 76.3

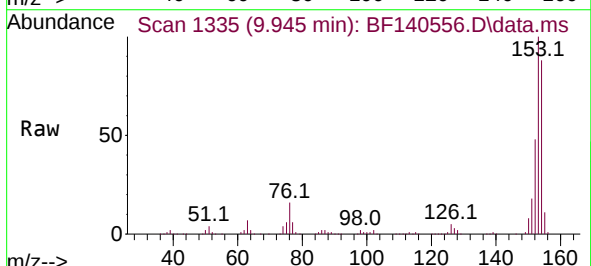
Manual Integrations

APPROVED

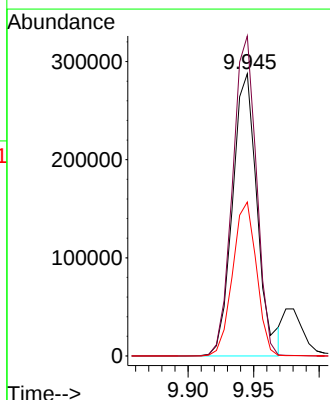
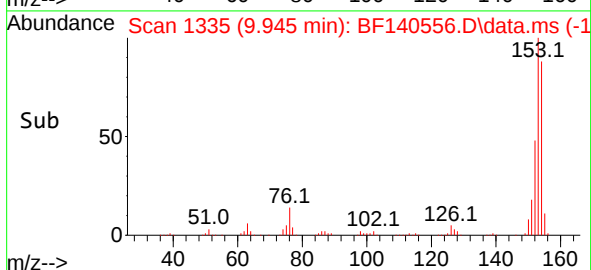
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024

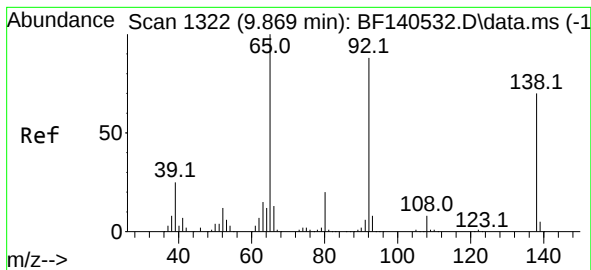


#52
Acenaphthene
Concen: 50.392 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28



Tgt Ion:154 Resp: 377695
Ion Ratio Lower Upper
154 100
153 113.4 89.7 134.5
152 54.6 42.5 63.7





#53
3-Nitroaniline
Concen: 26.733 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Instrument :

BNA_F

ClientSampleId :

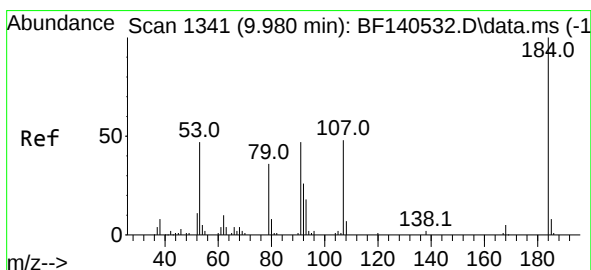
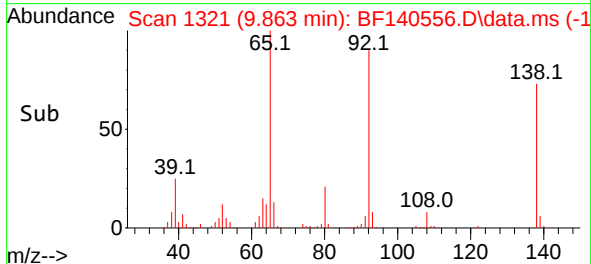
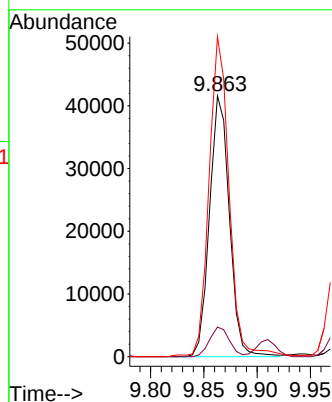
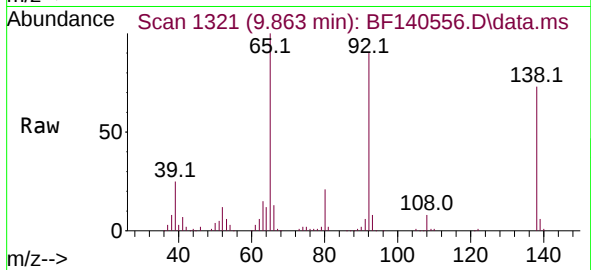
TP-3-WCMSD

Tgt Ion:138 Resp: 53894
Ion Ratio Lower Upper
138 100
108 11.3 9.2 13.8
92 122.7 100.6 150.8

Manual Integrations

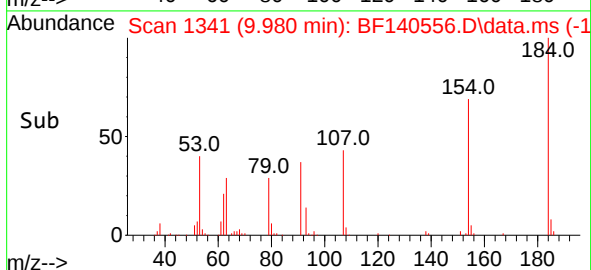
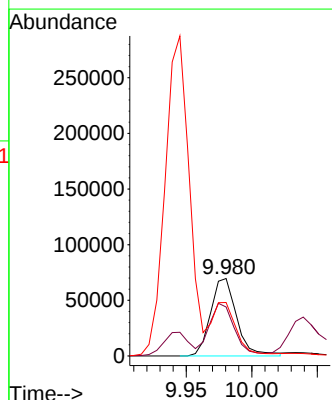
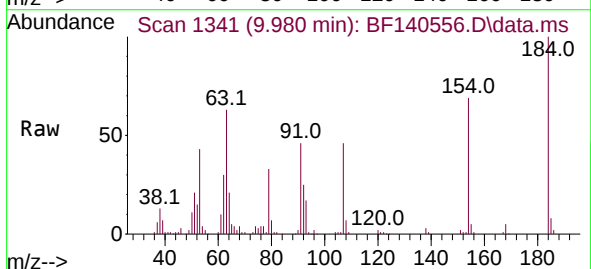
APPROVED

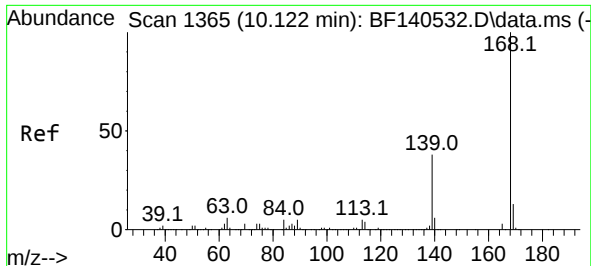
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#54
2,4-Dinitrophenol
Concen: 89.537 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

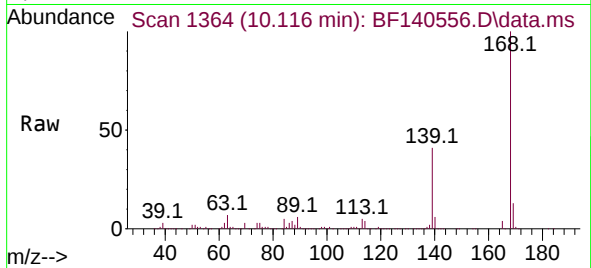
Tgt Ion:184 Resp: 96689
Ion Ratio Lower Upper
184 100
63 63.2 54.1 81.1
154 69.0 57.4 86.0





#55
Dibenzofuran
Concen: 49.143 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

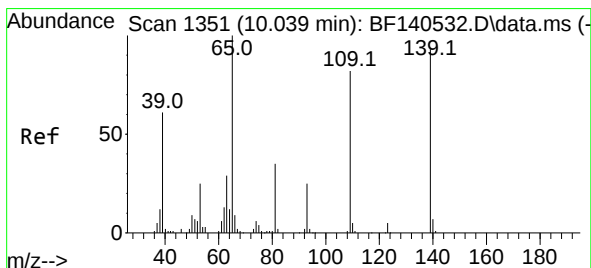
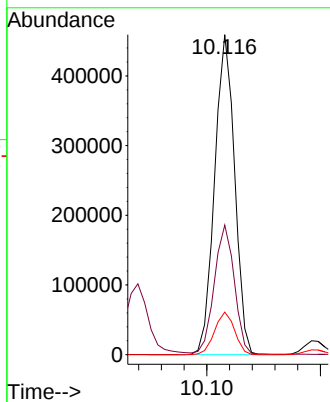
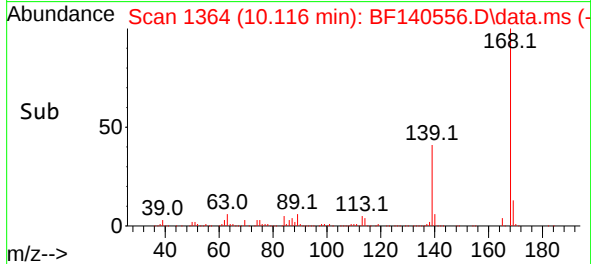
Instrument :
BNA_F
ClientSampleId :
TP-3-WCMSD



Tgt Ion:168 Resp: 561824
Ion Ratio Lower Upper
168 100
139 40.5 31.3 46.9
169 13.3 10.5 15.7

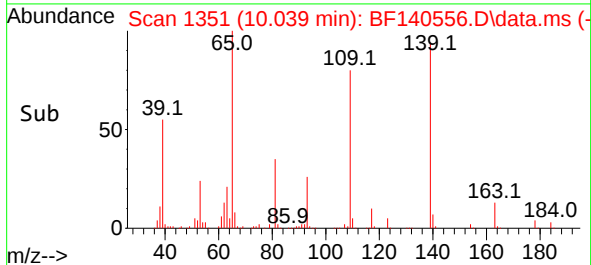
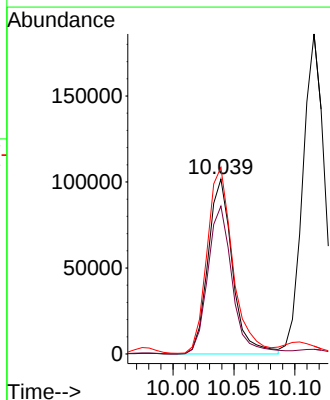
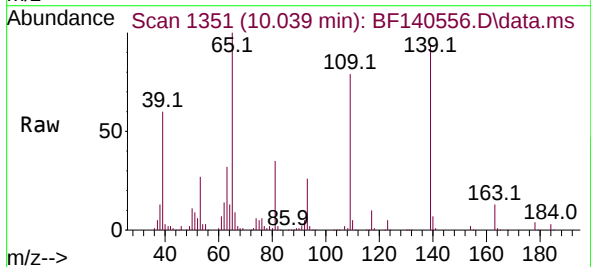
Manual Integrations
APPROVED

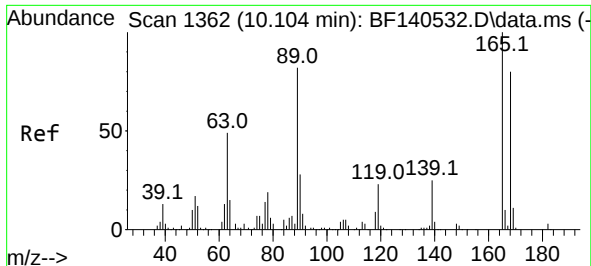
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#56
4-Nitrophenol
Concen: 103.298 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Tgt Ion:139 Resp: 142028
Ion Ratio Lower Upper
139 100
109 84.5 68.4 108.4
65 106.7 88.6 128.6





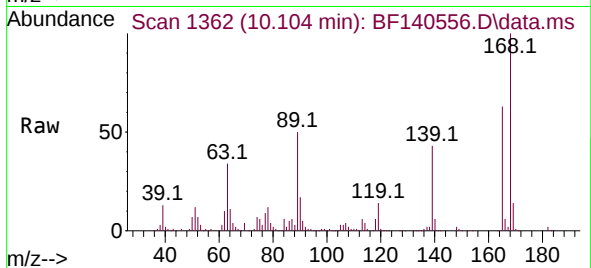
#57
2,4-Dinitrotoluene
Concen: 48.772 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Instrument :

BNA_F

ClientSampleId :

TP-3-WCMSD

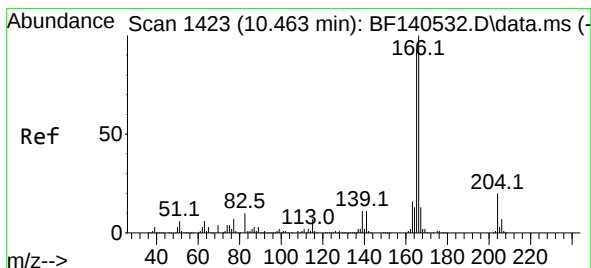
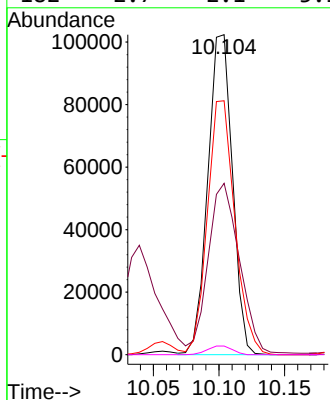
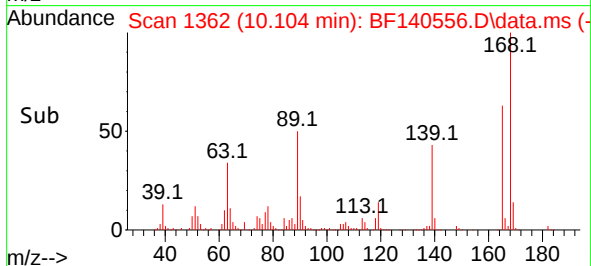


Tgt Ion:165 Resp: 13361
Ion Ratio Lower Upper
165 100
63 53.5 41.7 62.5
89 79.4 65.8 98.8
182 2.7 2.1 3.1

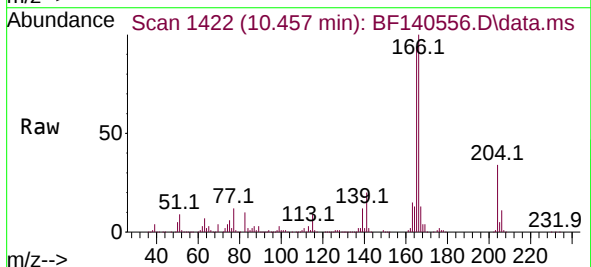
Manual Integrations

APPROVED

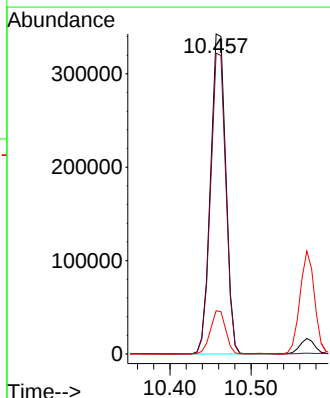
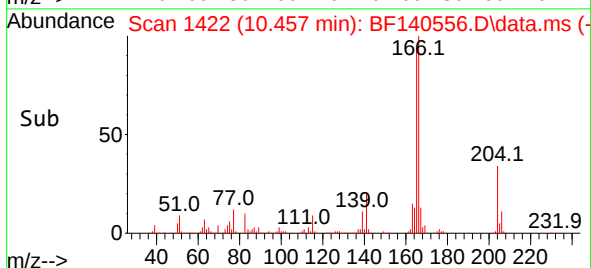
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#58
Fluorene
Concen: 48.863 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28



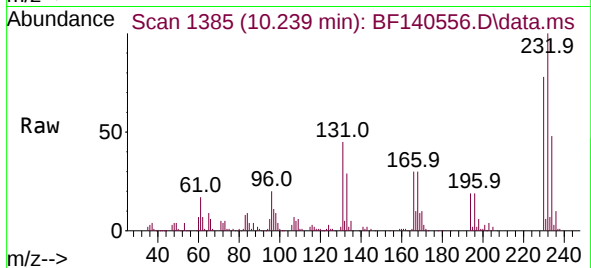
Tgt Ion:166 Resp: 448393
Ion Ratio Lower Upper
166 100
165 94.0 74.6 111.8
167 13.5 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.218 ng
RT: 10.239 min Scan# 110414
Delta R.T. -0.000 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

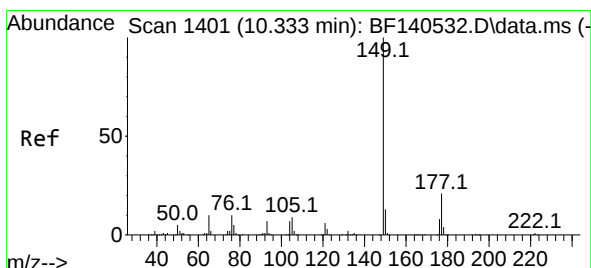
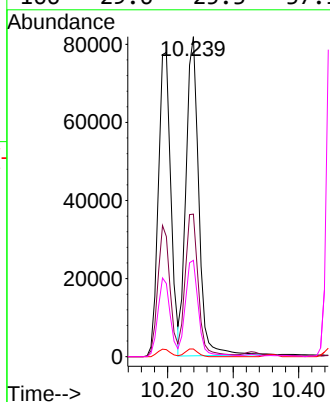
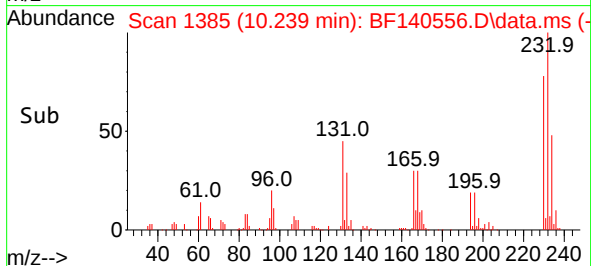
Instrument :
BNA_F
ClientSampleId :
TP-3-WCMSD



Tgt Ion:232 Resp: 110414
Ion Ratio Lower Upper
232 100
131 45.9 39.6 59.4
130 2.4 1.9 2.9
166 29.6 25.3 37.9

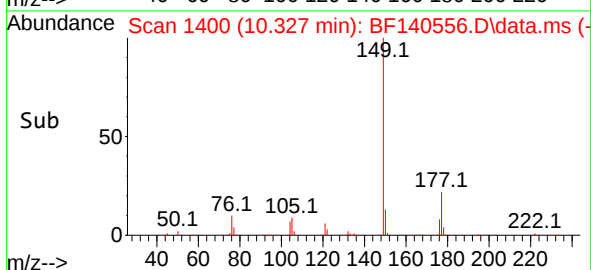
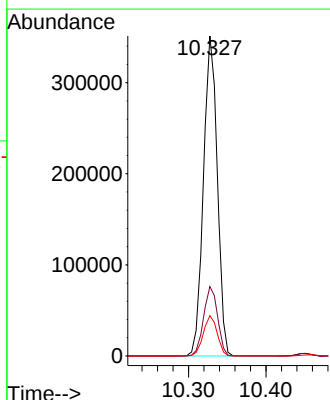
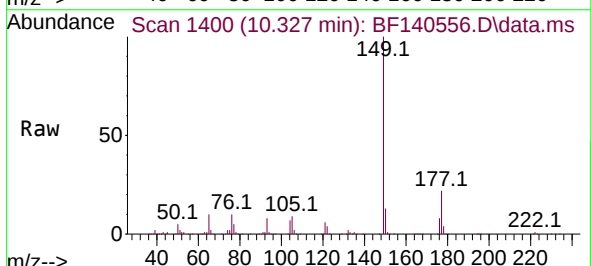
Manual Integrations
APPROVED

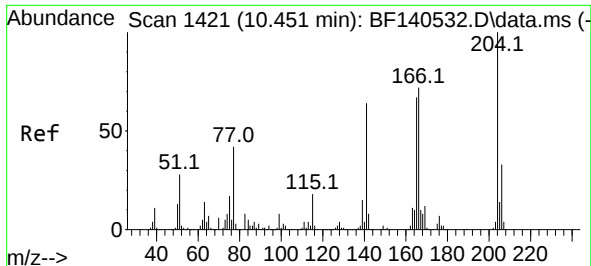
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#60
Diethylphthalate
Concen: 47.217 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

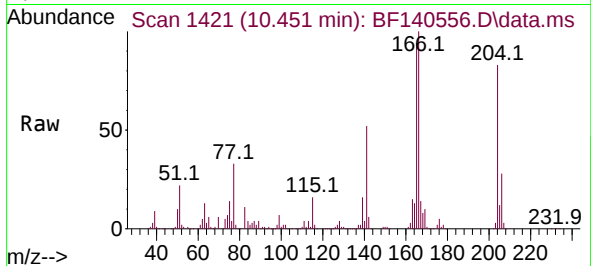
Tgt Ion:149 Resp: 436019
Ion Ratio Lower Upper
149 100
177 21.7 17.1 25.7
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 47.851 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

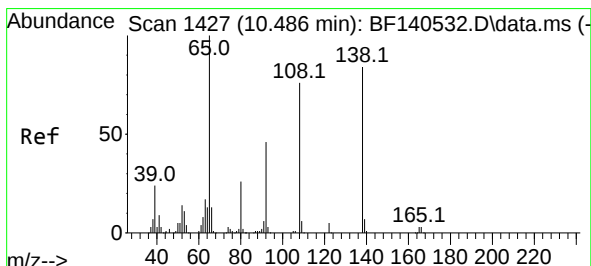
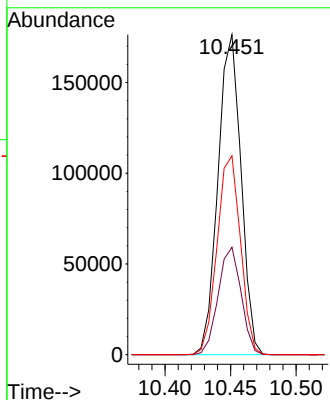
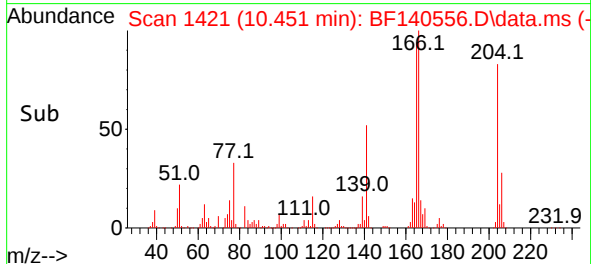
Instrument :
BNA_F
ClientSampleId :
TP-3-WCMSD



Tgt Ion:204 Resp: 215492
Ion Ratio Lower Upper
204 100
206 33.6 26.6 40.0
141 62.1 51.1 76.7

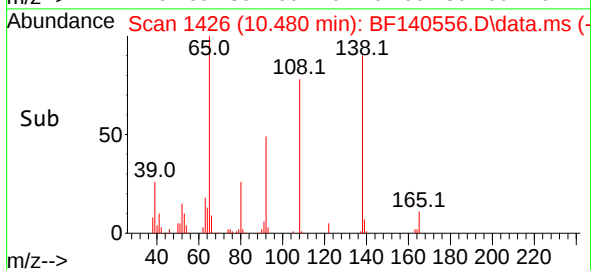
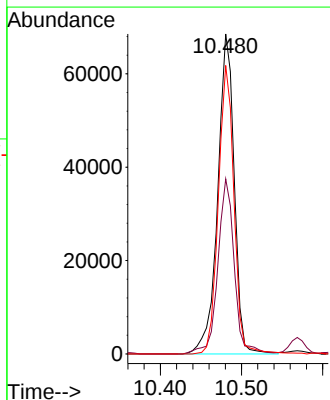
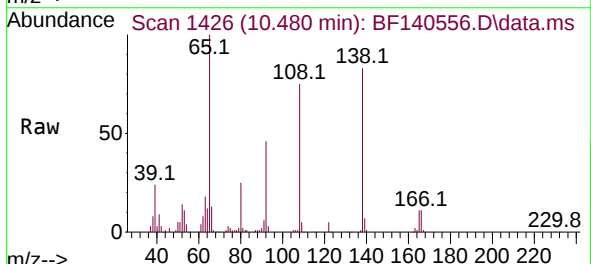
Manual Integrations
APPROVED

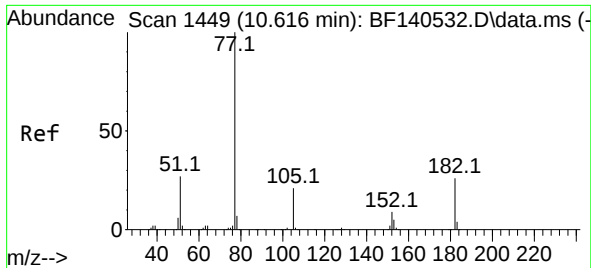
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#62
4-Nitroaniline
Concen: 46.112 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Tgt Ion:138 Resp: 97502
Ion Ratio Lower Upper
138 100
92 54.7 34.5 74.5
108 90.2 70.6 110.6





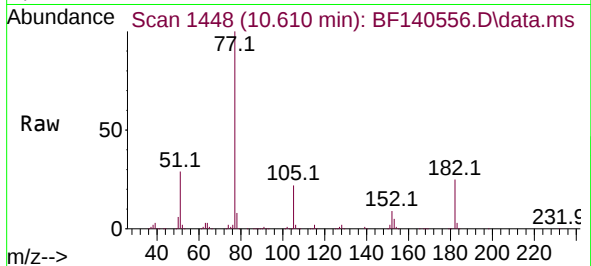
#63
Azobenzene
Concen: 51.275 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Instrument :

BNA_F

ClientSampleId :

TP-3-WCMSD

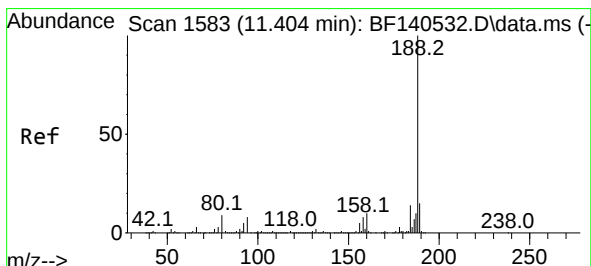
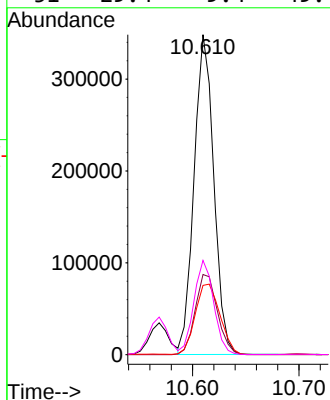
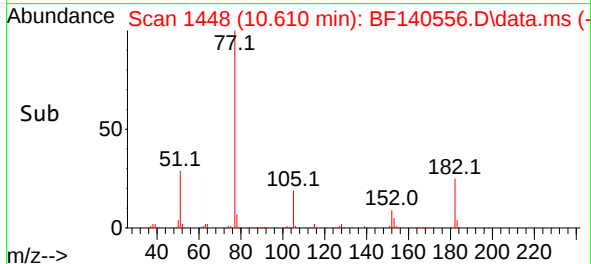


Tgt Ion: 77 Resp: 448397
Ion Ratio Lower Upper
77 100
182 25.0 5.3 45.3
105 21.6 0.3 40.3
51 29.4 9.4 49.4

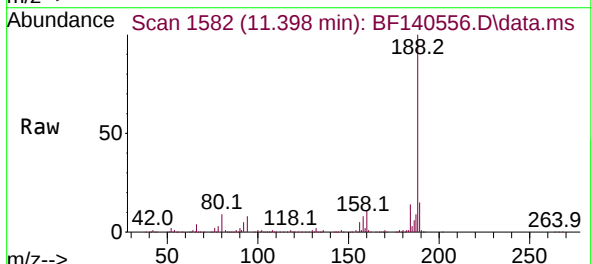
Manual Integrations

APPROVED

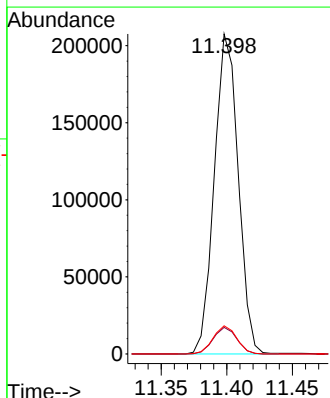
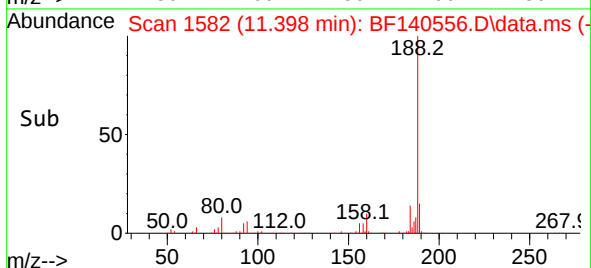
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024

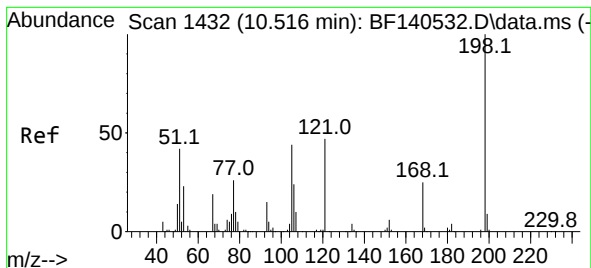


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28



Tgt Ion:188 Resp: 262977
Ion Ratio Lower Upper
188 100
94 8.3 6.4 9.6
80 8.8 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 53.290 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Instrument :

BNA_F

ClientSampleId :

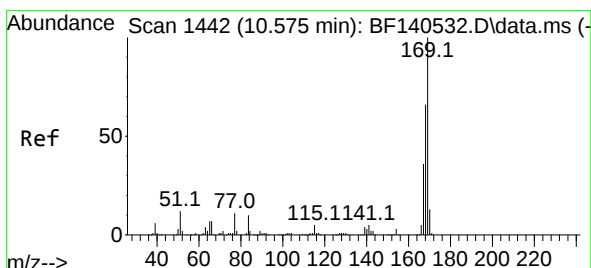
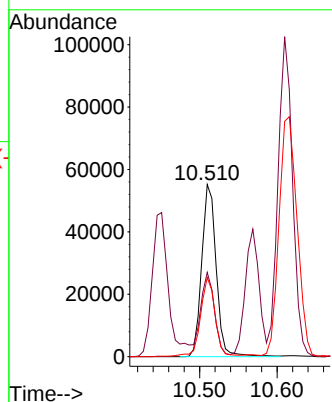
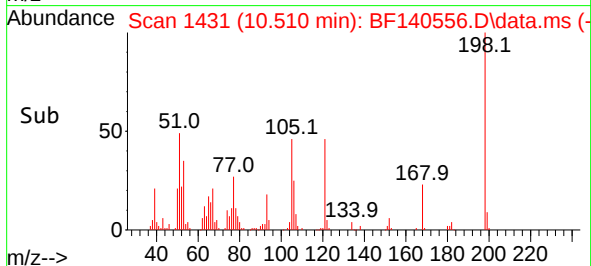
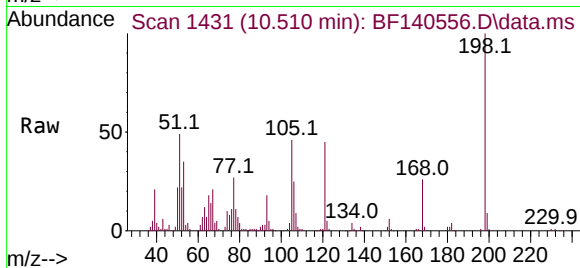
TP-3-WCMSD

Tgt Ion:198 Resp: 71612
Ion Ratio Lower Upper
198 100
51 49.0 29.4 69.4
105 46.0 25.4 65.4

Manual Integrations

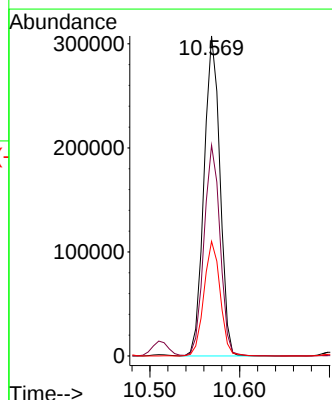
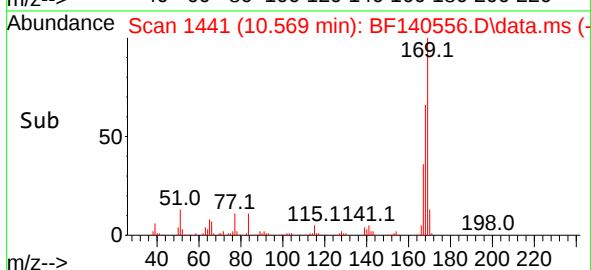
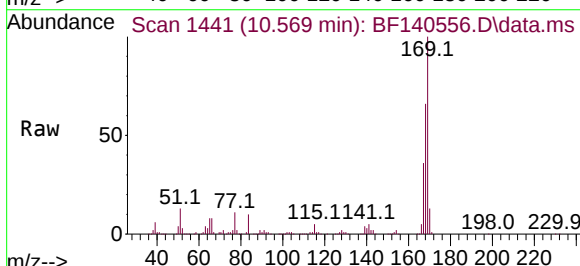
APPROVED

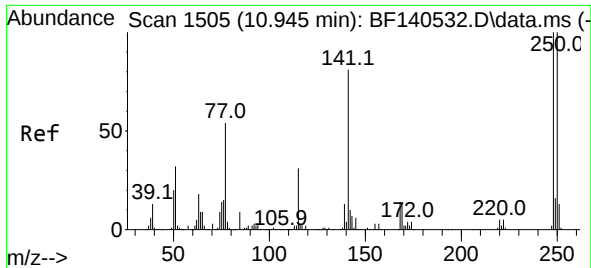
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#66
n-Nitrosodiphenylamine
Concen: 48.861 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Tgt Ion:169 Resp: 379989
Ion Ratio Lower Upper
169 100
168 65.8 53.2 79.8
167 35.8 29.0 43.6





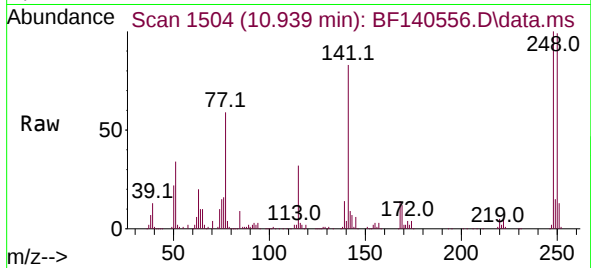
#67
4-Bromophenyl-phenylether
Concen: 46.966 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Instrument :

BNA_F

ClientSampleId :

TP-3-WCMSD

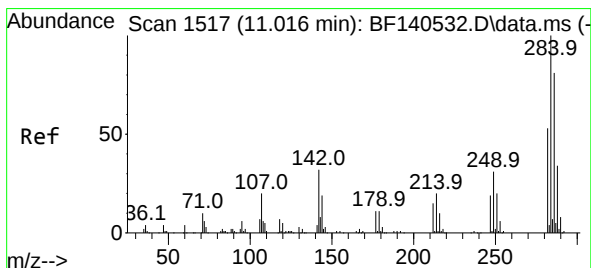
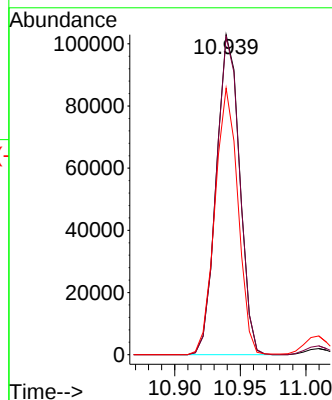
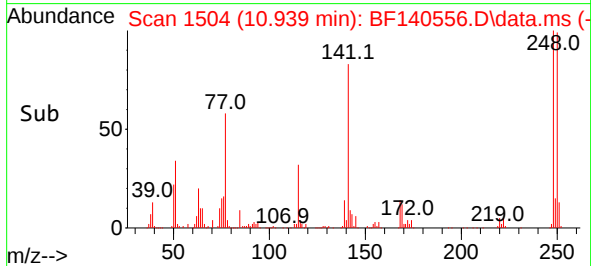


Tgt Ion:248 Resp: 12719
Ion Ratio Lower Upper
248 100
250 99.4 79.8 119.8
141 83.3 64.7 97.1

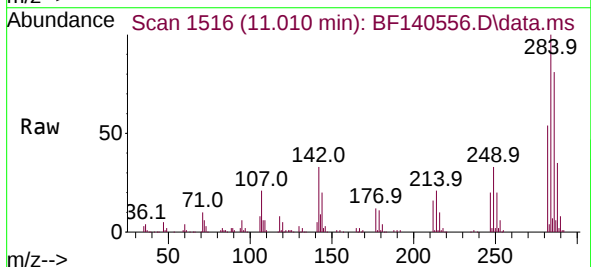
Manual Integrations

APPROVED

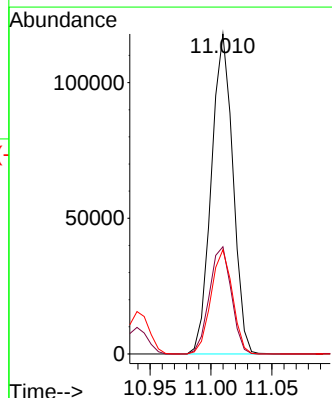
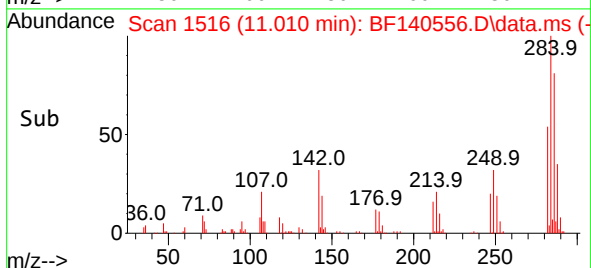
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#68
Hexachlorobenzene
Concen: 46.401 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28



Tgt Ion:284 Resp: 145508
Ion Ratio Lower Upper
284 100
142 33.5 25.3 37.9
249 32.6 24.8 37.2





#69

Atrazine

Concen: 57.371 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF140556.D

Acq: 22 Nov 2024 00:28

Instrument :

BNA_F

ClientSampleId :

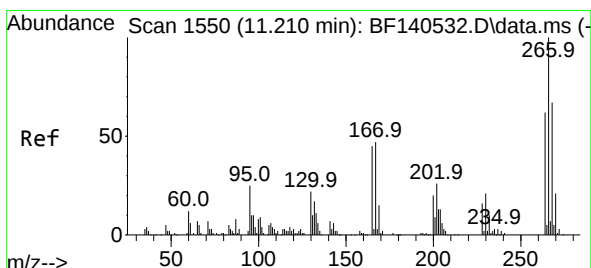
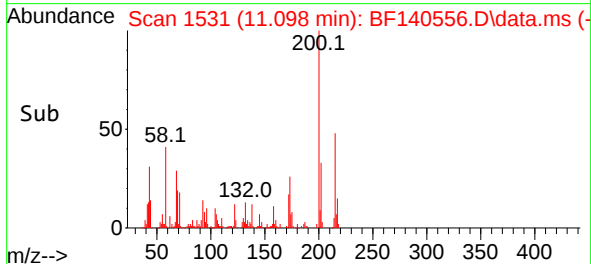
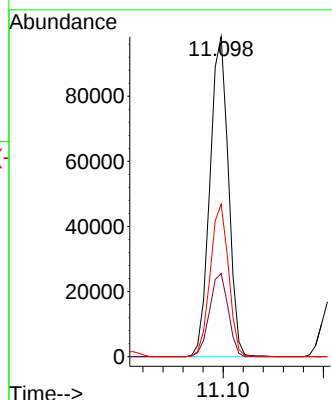
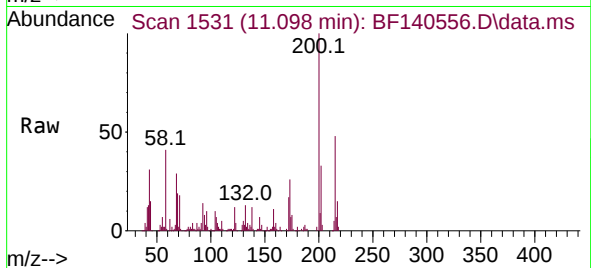
TP-3-WCMSD

Tgt Ion:200	Resp: 12551
Ion Ratio	Lower Upper
200 100	
173 26.0	7.0 47.0
215 47.7	26.7 66.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#70

Pentachlorophenol

Concen: 96.136 ng

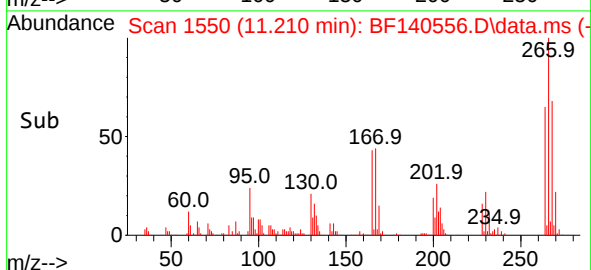
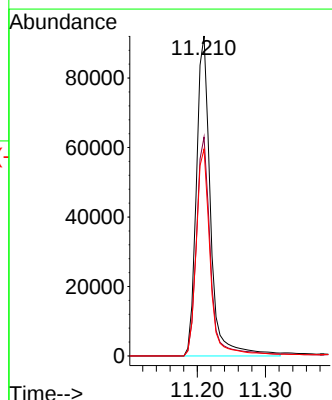
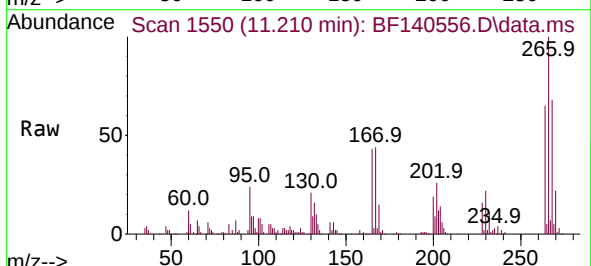
RT: 11.210 min Scan# 1550

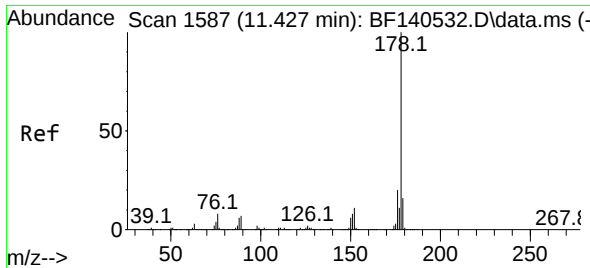
Delta R.T. -0.000 min

Lab File: BF140556.D

Acq: 22 Nov 2024 00:28

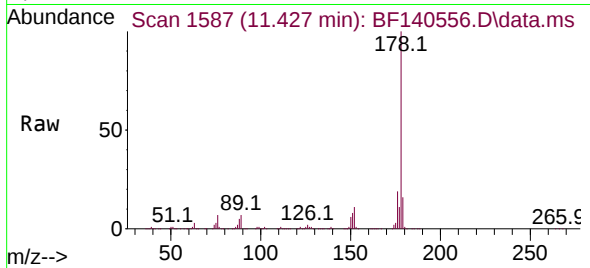
Tgt Ion:266	Resp: 132686
Ion Ratio	Lower Upper
266 100	
268 68.4	53.7 80.5
264 64.7	49.8 74.8





#71
Phenanthrene
Concen: 49.629 ng
RT: 11.427 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

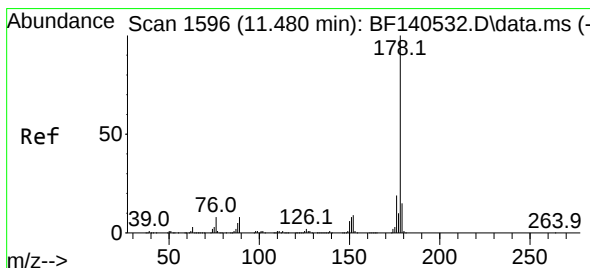
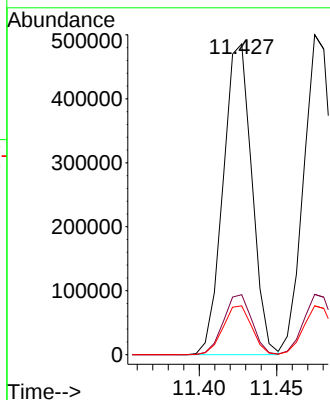
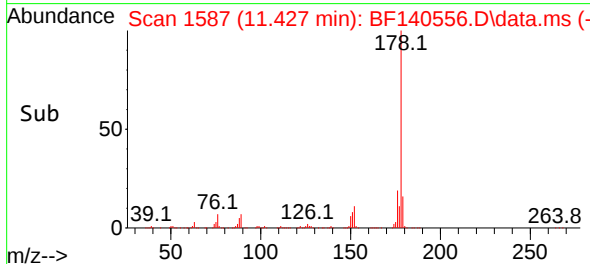
Instrument :
BNA_F
ClientSampleId :
TP-3-WCMSD



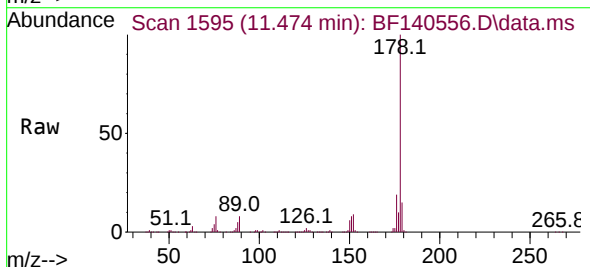
Tgt Ion:178 Resp: 627360
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 15.7 12.4 18.6

Manual Integrations
APPROVED

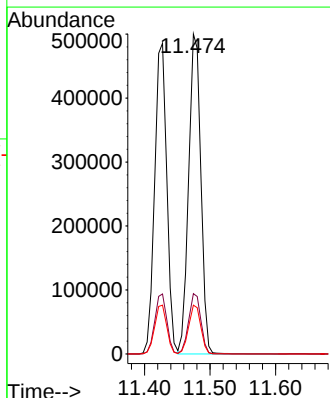
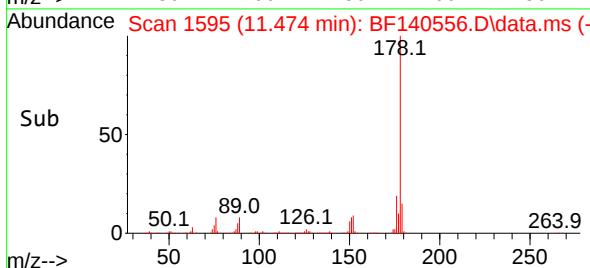
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024

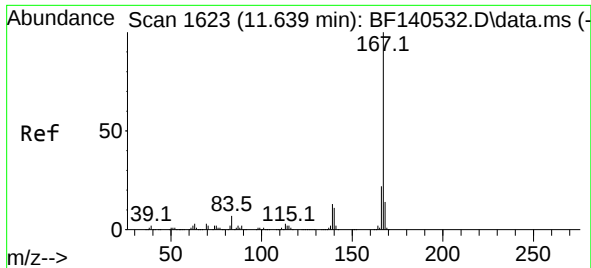


#72
Anthracene
Concen: 52.271 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28



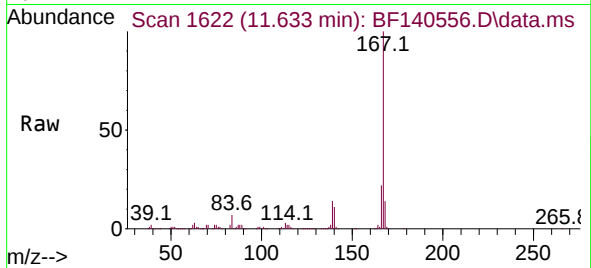
Tgt Ion:178 Resp: 646355
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.3 12.2 18.4





#73
Carbazole
Concen: 49.814 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

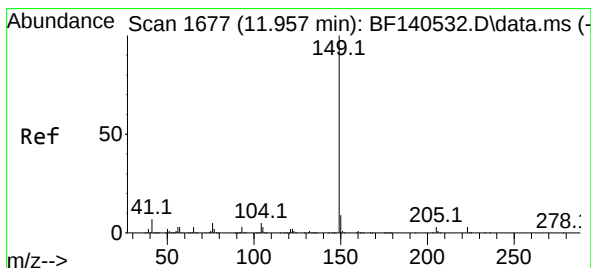
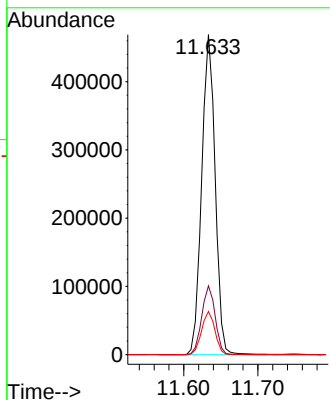
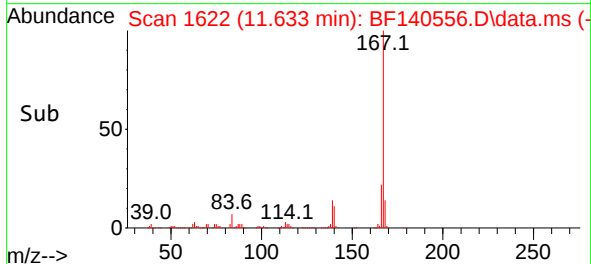
Instrument :
BNA_F
ClientSampleId :
TP-3-WCMSD



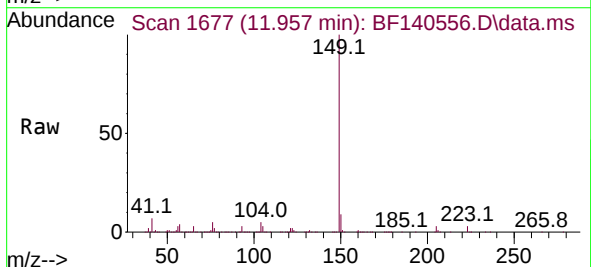
Tgt Ion:167 Resp: 59256
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 13.5 10.6 15.8

Manual Integrations
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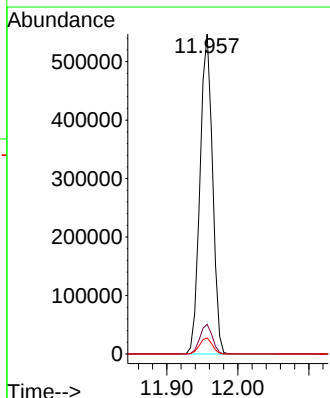
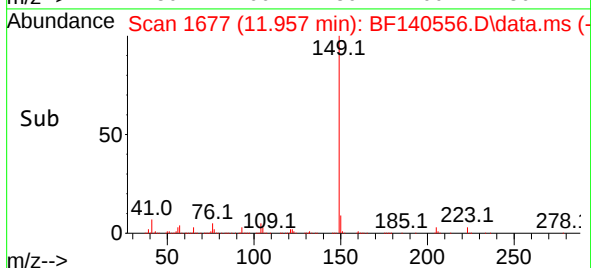
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024

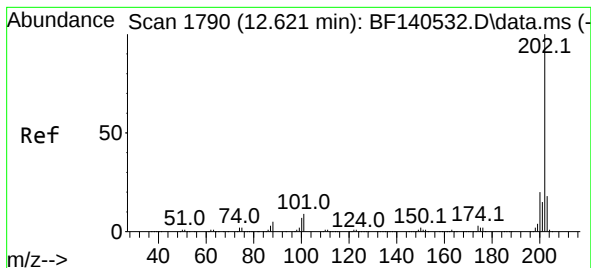


#74
Di-n-butylphthalate
Concen: 49.013 ng
RT: 11.957 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28



Tgt Ion:149 Resp: 673113
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 5.0 4.1 6.1





#75

Fluoranthene

Concen: 49.749 ng

RT: 12.616 min Scan# 1789

Delta R.T. -0.006 min

Lab File: BF140556.D

Acq: 22 Nov 2024 00:28

Instrument :

BNA_F

ClientSampleId :

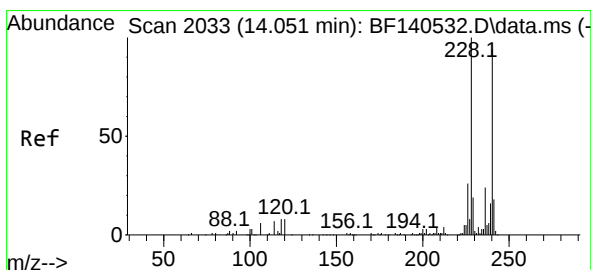
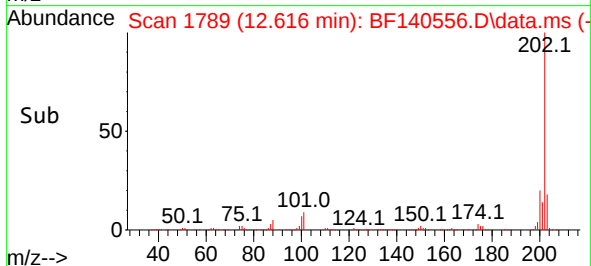
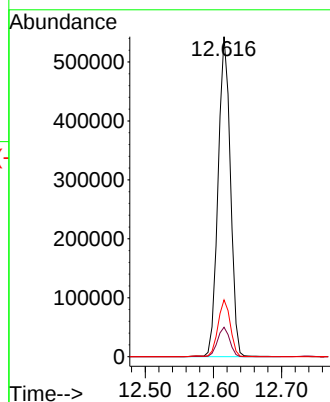
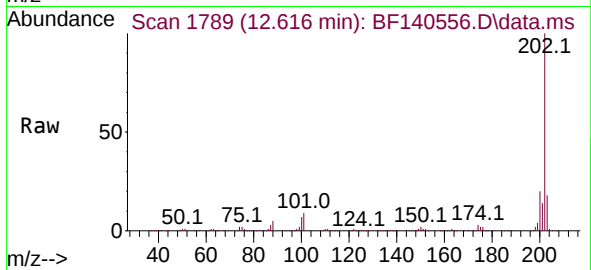
TP-3-WCMSD

Tgt Ion:	202	Resp:	68280
Ion Ratio	Lower	Upper	
202	100		
101	9.2	0.0	28.9
203	17.8	0.0	37.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#76

Chrysene-d12

Concen: 20.000 ng

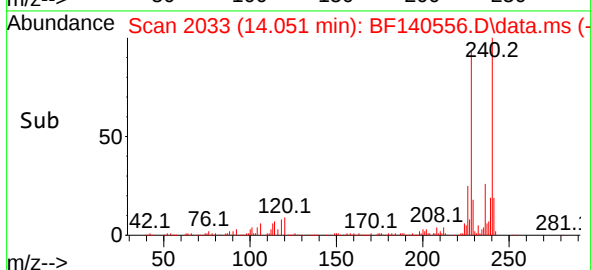
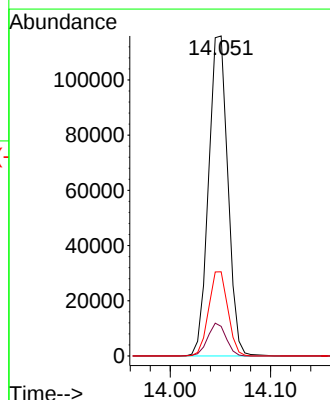
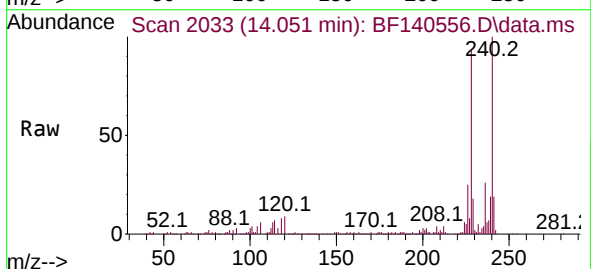
RT: 14.051 min Scan# 2033

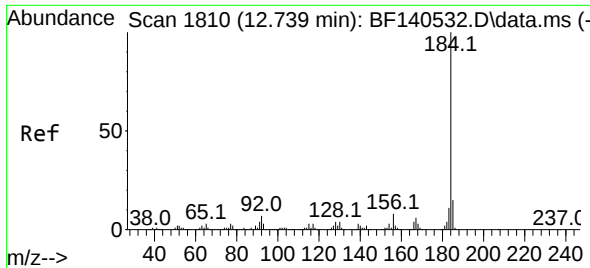
Delta R.T. -0.000 min

Lab File: BF140556.D

Acq: 22 Nov 2024 00:28

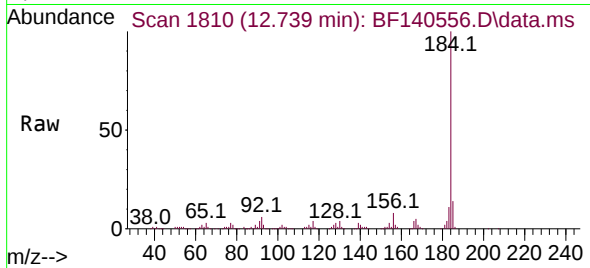
Tgt Ion:	240	Resp:	154564
Ion Ratio	Lower	Upper	
240	100		
120	9.3	7.3	10.9
236	26.3	20.6	31.0





#77
Benzidine
Concen: 42.580 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

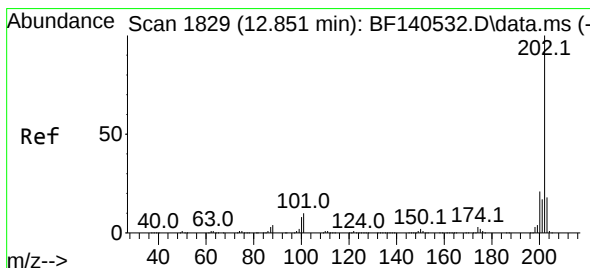
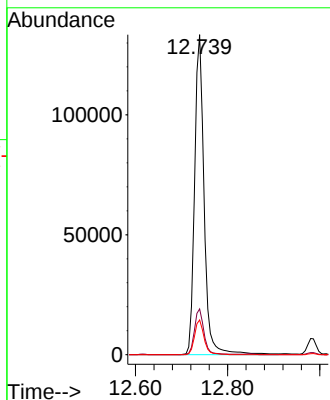
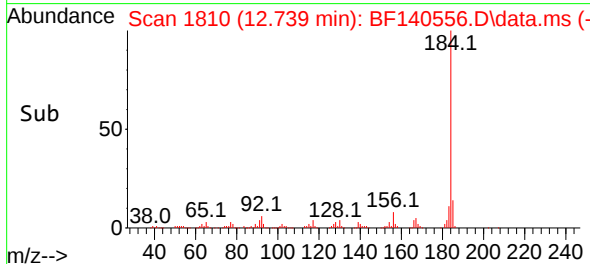
Instrument :
BNA_F
ClientSampleId :
TP-3-WCMSD



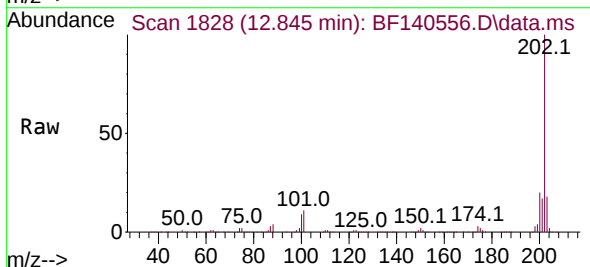
Tgt Ion:184 Resp: 19134
Ion Ratio Lower Upper
184 100
185 14.3 11.7 17.5
183 10.9 8.8 13.2

Manual Integrations
APPROVED

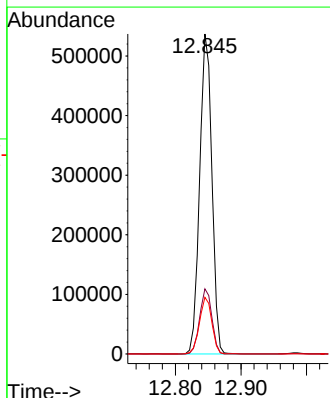
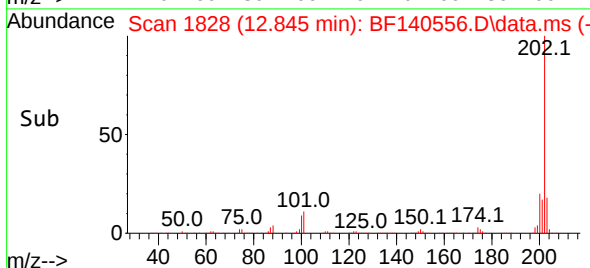
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024

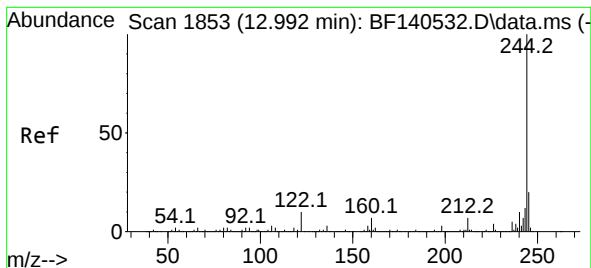


#78
Pyrene
Concen: 48.857 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28



Tgt Ion:202 Resp: 698240
Ion Ratio Lower Upper
202 100
200 20.4 16.5 24.7
203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 58.677 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140556.D

Acq: 22 Nov 2024 00:28

Instrument :

BNA_F

ClientSampleId :

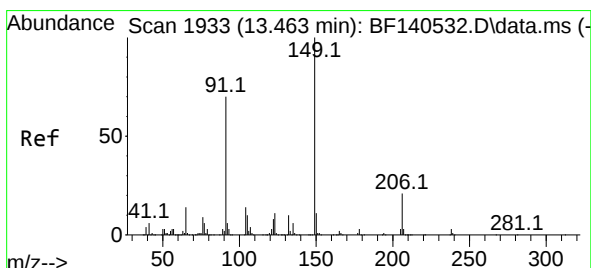
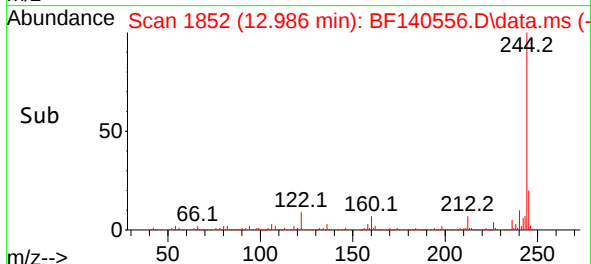
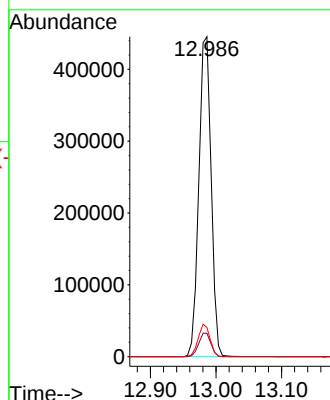
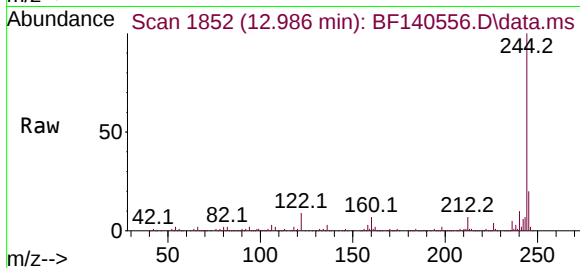
TP-3-WCMSD

Tgt Ion:244 Resp: 582440
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 9.2 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
 Supervised By :mohammad ahmed 11/27/2024



#80

Butylbenzylphthalate

Concen: 50.135 ng

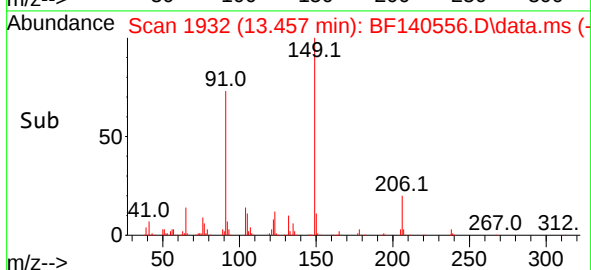
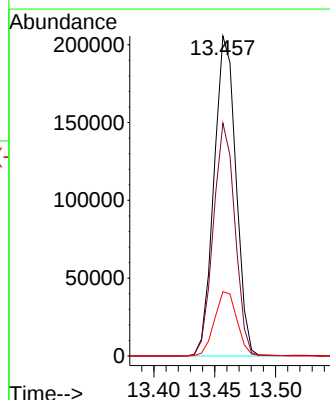
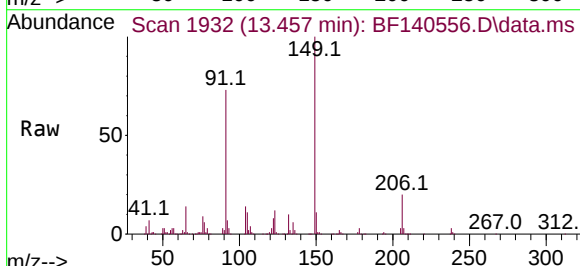
RT: 13.457 min Scan# 1932

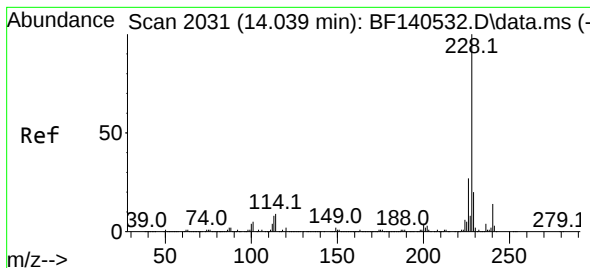
Delta R.T. -0.006 min

Lab File: BF140556.D

Acq: 22 Nov 2024 00:28

Tgt Ion:149 Resp: 258110
 Ion Ratio Lower Upper
 149 100
 91 72.7 56.2 84.2
 206 20.1 16.4 24.6





#81

Benzo(a)anthracene

Concen: 50.733 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF140556.D

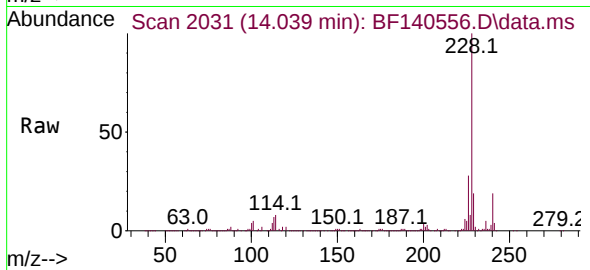
Acq: 22 Nov 2024 00:28

Instrument :

BNA_F

ClientSampleId :

TP-3-WCMSD



Tgt Ion:228 Resp: 519079

Ion Ratio Lower Upper

228 100

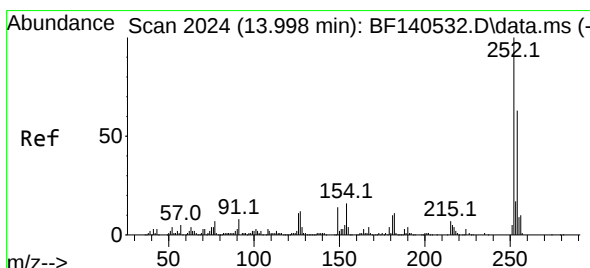
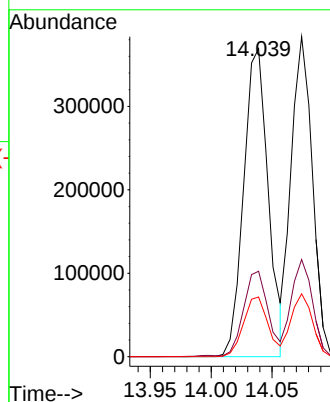
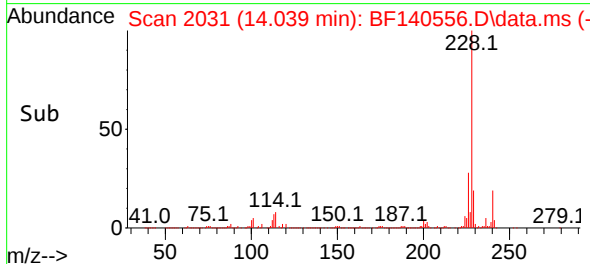
226 27.7 21.8 32.8

229 19.4 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#82

3,3'-Dichlorobenzidine

Concen: 31.508 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF140556.D

Acq: 22 Nov 2024 00:28

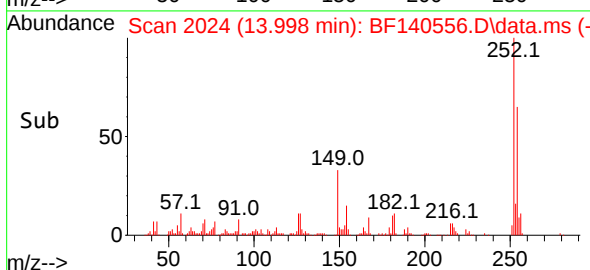
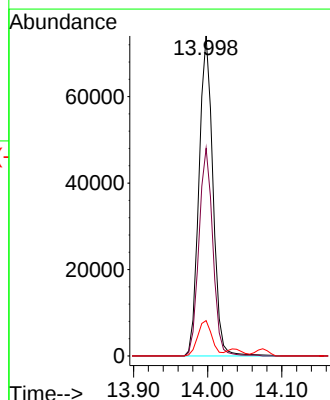
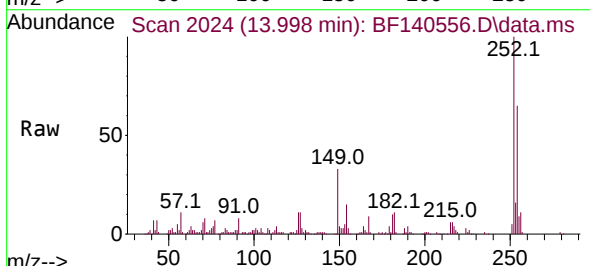
Tgt Ion:252 Resp: 96789

Ion Ratio Lower Upper

252 100

254 64.9 50.8 76.2

126 11.1 8.6 13.0





#83

Chrysene

Concen: 49.841 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140556.D

Acq: 22 Nov 2024 00:28

Instrument :

BNA_F

ClientSampleId :

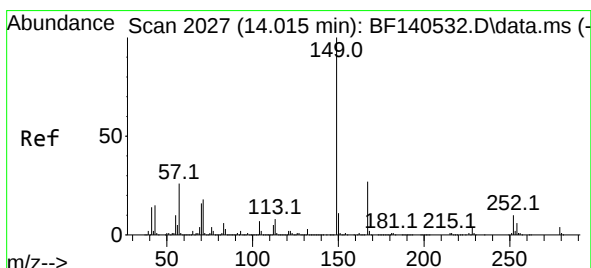
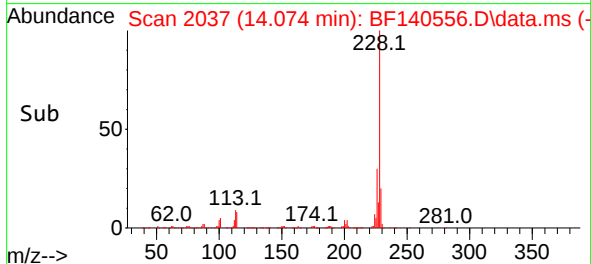
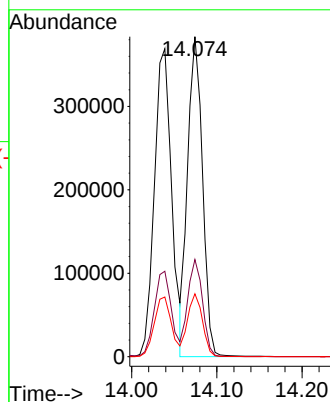
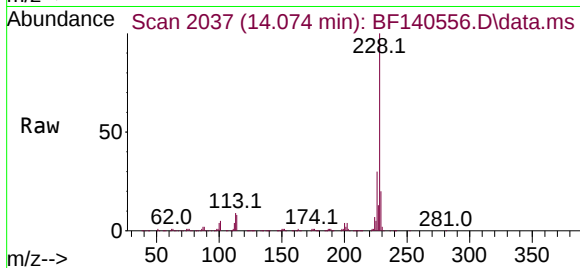
TP-3-WCMSD

Tgt Ion:	228	Resp:	46629
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.4	36.6
229	19.6	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.478 ng

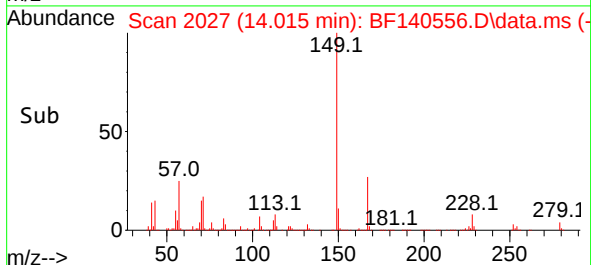
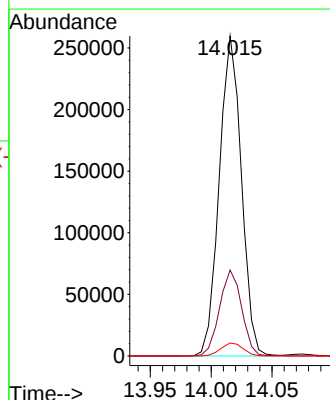
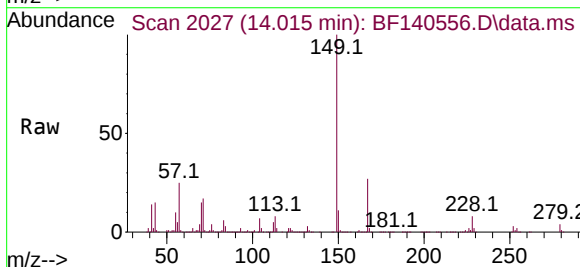
RT: 14.015 min Scan# 2027

Delta R.T. -0.000 min

Lab File: BF140556.D

Acq: 22 Nov 2024 00:28

Tgt Ion:	149	Resp:	328149
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.2	31.8
279	4.1	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 52.328 ng

RT: 14.639 min Scan# 2132

Delta R.T. 0.006 min

Lab File: BF140556.D

Acq: 22 Nov 2024 00:28

Instrument :

BNA_F

ClientSampleId :

TP-3-WCMSD

Tgt Ion:149 Resp: 46489

Ion Ratio Lower Upper

149 100

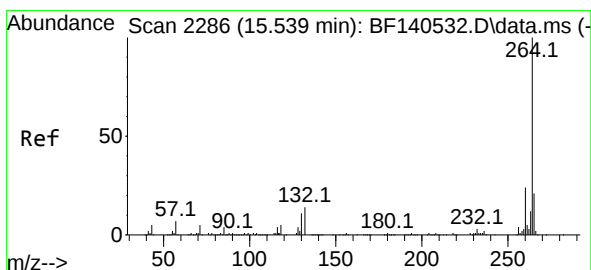
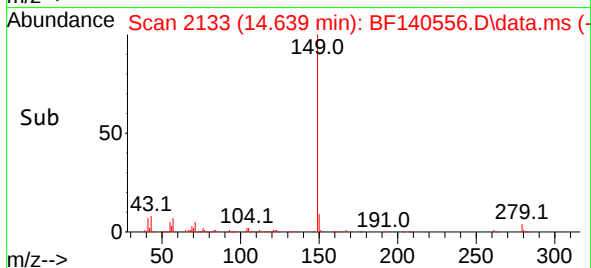
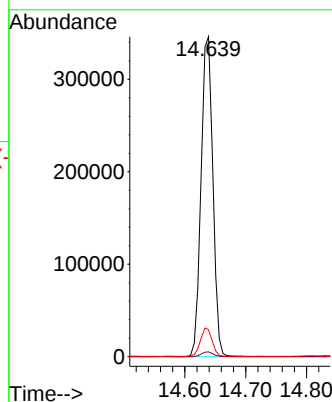
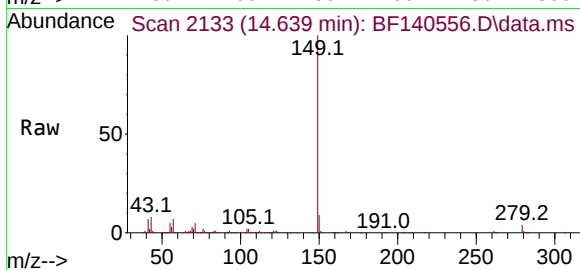
167 1.5 1.3 1.9

43 8.7 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. -0.000 min

Lab File: BF140556.D

Acq: 22 Nov 2024 00:28

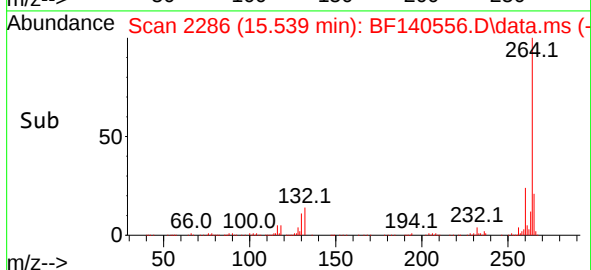
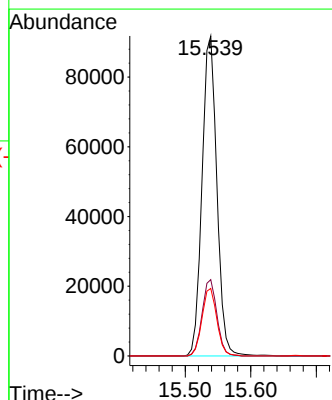
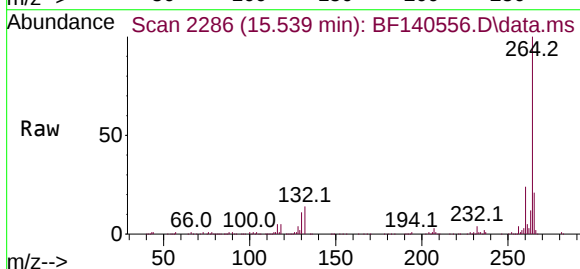
Tgt Ion:264 Resp: 144463

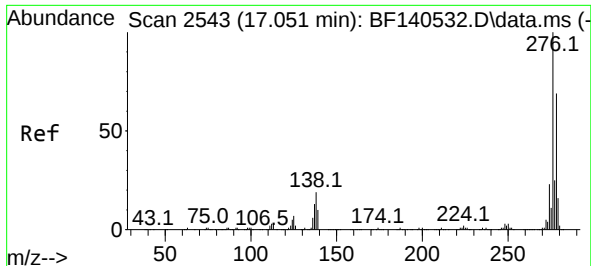
Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 21.1 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.283 ng
RT: 17.045 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Instrument :

BNA_F

ClientSampleId :

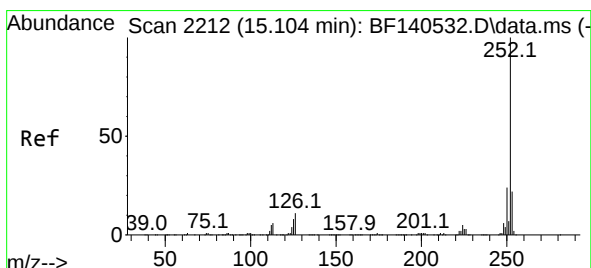
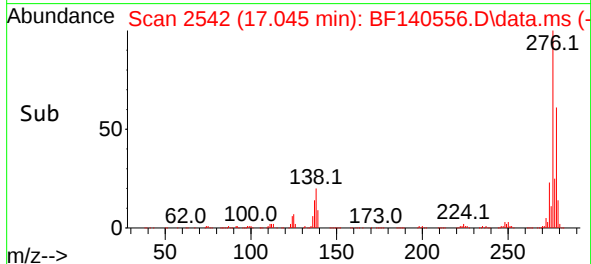
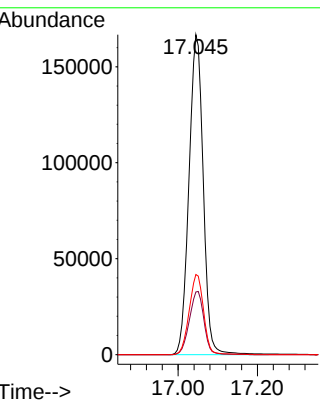
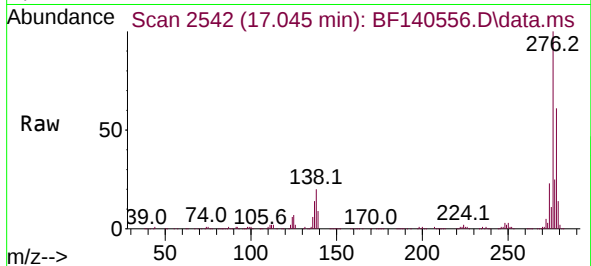
TP-3-WCMSD

Tgt Ion:276 Resp: 416904
Ion Ratio Lower Upper
276 100
138 20.2 15.5 23.3
277 25.3 20.1 30.1

Manual Integrations

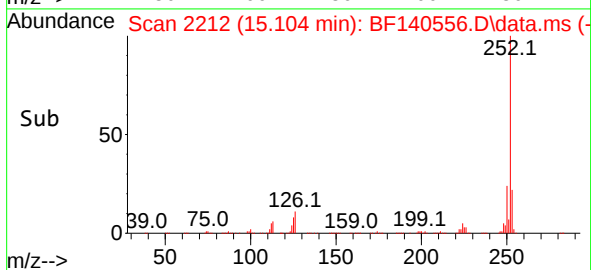
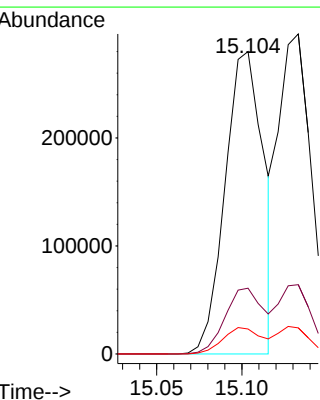
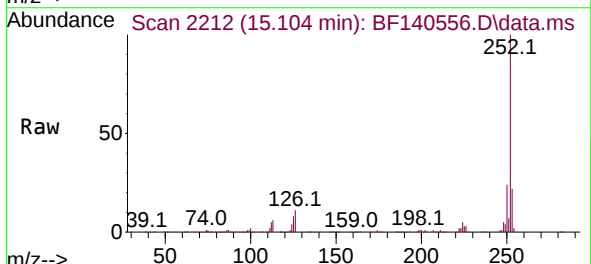
APPROVED

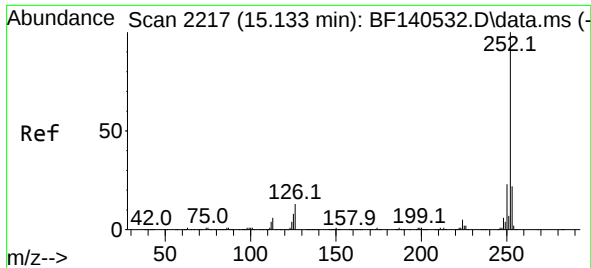
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#88
Benzo(b)fluoranthene
Concen: 48.375 ng
RT: 15.104 min Scan# 2212
Delta R.T. -0.000 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Tgt Ion:252 Resp: 438951
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 8.3 6.7 10.1





#89
Benzo(k)fluoranthene
Concen: 50.205 ng
RT: 15.133 min Scan# 2217
Delta R.T. -0.000 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Instrument :

BNA_F

ClientSampleId :

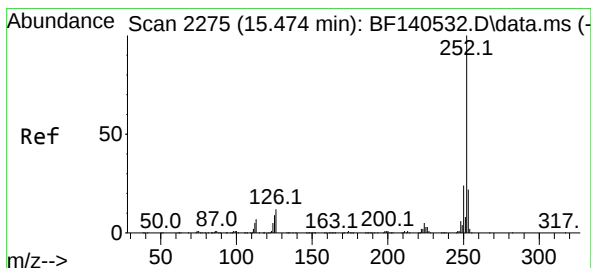
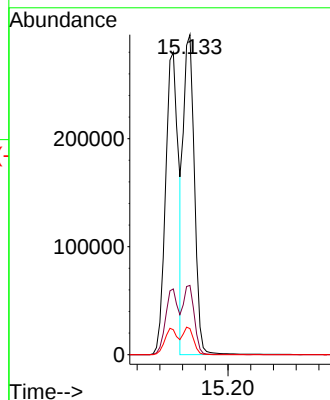
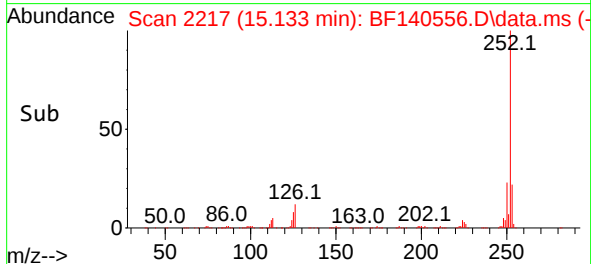
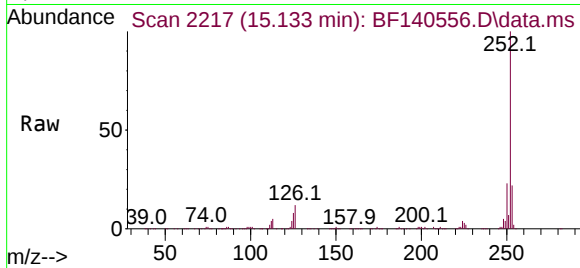
TP-3-WCMSD

Tgt Ion:252 Resp: 398654
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 8.2 6.5 9.7

Manual Integrations

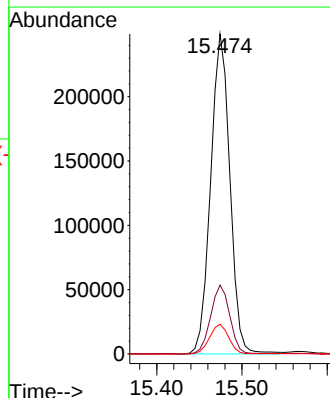
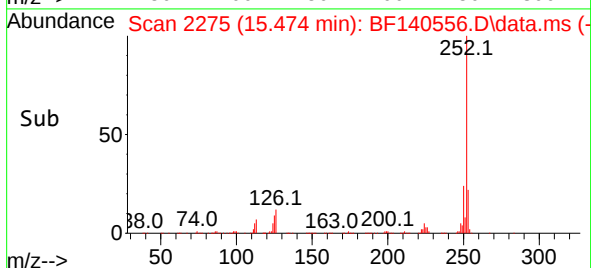
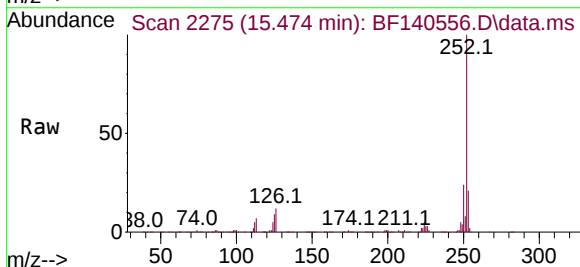
APPROVED

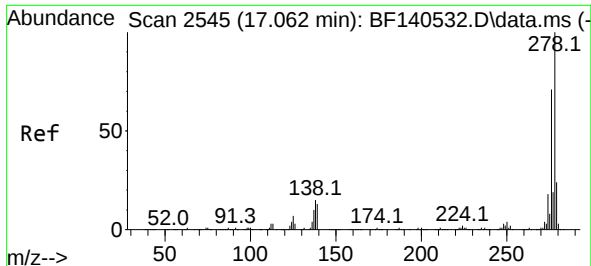
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#90
Benzo(a)pyrene
Concen: 52.866 ng
RT: 15.474 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Tgt Ion:252 Resp: 390037
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 9.3 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 43.448 ng
RT: 17.056 min Scan# 2054
Delta R.T. -0.006 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Instrument :

BNA_F

ClientSampleId :

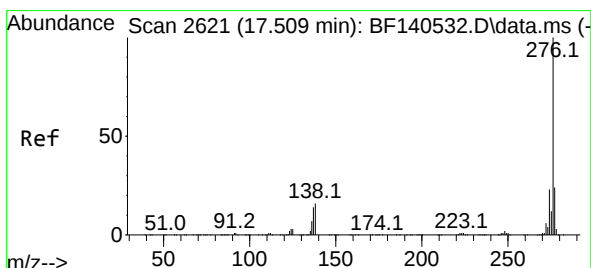
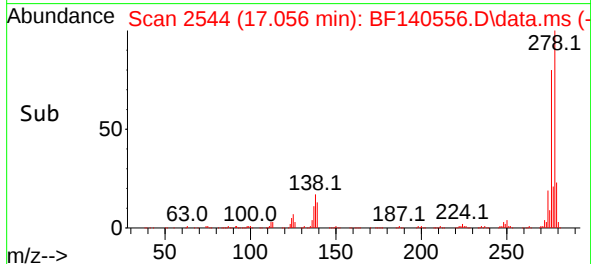
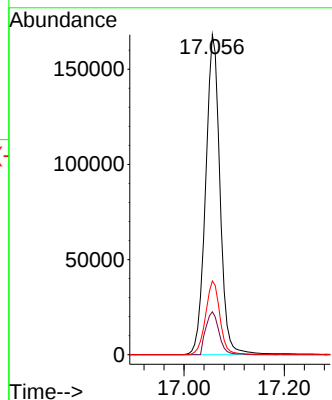
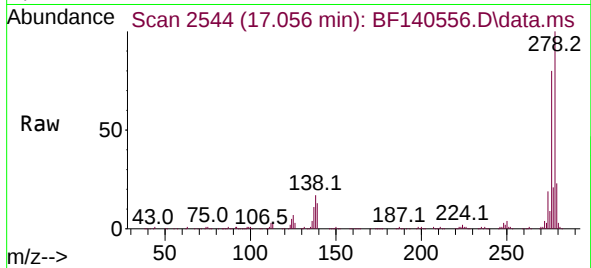
TP-3-WCMSD

Tgt Ion:278 Resp: 334989
Ion Ratio Lower Upper
278 100
139 13.4 10.2 15.4
279 23.1 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#92
Benzo(g,h,i)perylene
Concen: 39.384 ng
RT: 17.498 min Scan# 2619
Delta R.T. -0.012 min
Lab File: BF140556.D
Acq: 22 Nov 2024 00:28

Tgt Ion:276 Resp: 309861
Ion Ratio Lower Upper
276 100
277 23.5 18.9 28.3
138 17.4 13.2 19.8

