Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
Data File : BF135048.D
Acq On : 31 Aug 2023 18:49
Operator : CG\JU
Sample : 04189-04MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 01 01:49:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.775	152	115516	20.000	ng		0.00
21) Naphthalene-d8	8.051	136	473104	20.000	ng		0.00
39) Acenaphthene-d10	9.816	164	251985	20.000	ng		0.00
64) Phenanthrene-d10	11.304	188	457912	20.000	ng		0.00
76) Chrysene-d12	13.957	240	189704	20.000	ng		0.00
86) Perylene-d12	15.427	264	245695	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	856407	114.514	ng		0.01
7) Phenol-d6	6.416	99	1077494	115.591	ng		0.00
23) Nitrobenzene-d5	7.339	82	677471	80.449	ng		0.00
42) 2,4,6-Tribromophenol	10.610	330	293114	109.656	ng		0.00
45) 2-Fluorobiphenyl	9.133	172	1180295	76.260	ng		0.00
79) Terphenyl-d14	12.898	244	1065582	91.665	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.551	88	130538	41.207	ng		98
3) Pyridine	3.298	79	328767	38.496	ng		99
4) n-Nitrosodimethylamine	3.263	42	195156	46.727	ng		99
6) Aniline	6.439	93	454445	39.326	ng		95
8) 2-Chlorophenol	6.557	128	404695	53.265	ng		98
9) Benzaldehyde	6.328	77	148281	31.219	ng		93
10) Phenol	6.428	94	490908	50.164	ng		96
11) bis(2-Chloroethyl)ether	6.516	93	369942	50.201	ng		98
12) 1,3-Dichlorobenzene	6.716	146	399244	51.003	ng		98
13) 1,4-Dichlorobenzene	6.792	146	408236	52.107	ng		97
14) 1,2-Dichlorobenzene	6.939	146	384407	52.580	ng		98
15) Benzyl Alcohol	6.922	79	342927	53.696	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	622698	50.460	ng		99
17) 2-Methylphenol	7.034	107	316697	47.834	ng		98
18) Hexachloroethane	7.281	117	149561	51.535	ng		95
19) n-Nitroso-di-n-propyla...	7.192	70	263627	47.612	ng		95
20) 3+4-Methylphenols	7.186	107	372193	47.651	ng		96
22) Acetophenone	7.186	105	518250	49.248	ng	#	99
24) Nitrobenzene	7.357	77	420909	48.726	ng		95
25) Isophorone	7.598	82	767761	48.086	ng		100
26) 2-Nitrophenol	7.675	139	217318	50.919	ng		97
27) 2,4-Dimethylphenol	7.710	122	329051	47.889	ng		97
28) bis(2-Chloroethoxy)met...	7.810	93	458852	47.641	ng		98
29) 2,4-Dichlorophenol	7.916	162	328766	50.343	ng		99
30) 1,2,4-Trichlorobenzene	7.992	180	342863	48.584	ng		98
31) Naphthalene	8.075	128	1089686	47.150	ng		100
32) Benzoic acid	7.845	122	246633	44.871	ng		99
33) 4-Chloroaniline	8.128	127	325796	32.230	ng		98
34) Hexachlorobutadiene	8.192	225	193365	48.281	ng		97
35) Caprolactam	8.504	113	106737m	49.918	ng		
36) 4-Chloro-3-methylphenol	8.616	107	345960	48.775	ng		97
37) 2-Methylnaphthalene	8.769	142	704516	45.688	ng		99
38) 1-Methylnaphthalene	8.869	142	672238	46.591	ng		99
40) 1,2,4,5-Tetrachloroben...	8.933	216	331968	47.061	ng		98
41) Hexachlorocyclopentadiene	8.922	237	300431	100.065	ng		97
43) 2,4,6-Trichlorophenol	9.051	196	228245	48.180	ng		99

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Sample : 04189-04MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

Quant Time: Sep 01 01:49:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	246194	44.888	ng		96
46) 1,1'-Biphenyl	9.233	154	903167	46.912	ng		98
47) 2-Chloronaphthalene	9.257	162	701471	48.453	ng		98
48) 2-Nitroaniline	9.357	65	234495	47.316	ng		89
49) Acenaphthylene	9.675	152	1061824	48.518	ng		99
50) Dimethylphthalate	9.545	163	825691	46.797	ng		100
51) 2,6-Dinitrotoluene	9.604	165	188242	48.621	ng		100
52) Acenaphthene	9.851	154	657618	47.152	ng		99
53) 3-Nitroaniline	9.775	138	166822	36.990	ng		96
54) 2,4-Dinitrophenol	9.886	184	135439	73.196	ng		90
55) Dibenzofuran	10.022	168	929270	46.189	ng		100
56) 4-Nitrophenol	9.945	139	279265	88.091	ng		94
57) 2,4-Dinitrotoluene	10.016	165	235496	48.809	ng	#	98
58) Fluorene	10.369	166	727888	47.457	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.139	232	204425	48.404	ng		98
60) Diethylphthalate	10.245	149	781210	47.035	ng		99
61) 4-Chlorophenyl-phenyle...	10.357	204	348682	45.960	ng		99
62) 4-Nitroaniline	10.392	138	195203	44.235	ng		97
63) Azobenzene	10.522	77	774440	46.307	ng		98
65) 4,6-Dinitro-2-methylph...	10.422	198	113398	40.918	ng		98
66) n-Nitrosodiphenylamine	10.480	169	663927	46.631	ng		100
67) 4-Bromophenyl-phenylether	10.851	248	224902	46.306	ng		100
68) Hexachlorobenzene	10.916	284	249532	49.687	ng		96
70) Pentachlorophenol	11.110	266	208879	68.748	ng		98
71) Phenanthrene	11.333	178	1106149	46.823	ng		100
72) Anthracene	11.386	178	1121468	46.463	ng		99
73) Carbazole	11.539	167	944041	45.347	ng		99
74) Di-n-butylphthalate	11.874	149	1190695	47.446	ng		100
75) Fluoranthene	12.527	202	1011466	42.347	ng		98
77) Benzidine	12.651	184	341754	99.937	ng		99
78) Pyrene	12.757	202	980152	54.418	ng		100
80) Butylbenzylphthalate	13.380	149	337948	51.937	ng		99
81) Benzo(a)anthracene	13.951	228	607898	46.977	ng		99
82) 3,3'-Dichlorobenzidine	13.915	252	185857	47.597	ng		100
83) Chrysene	13.986	228	598063	47.027	ng		99
84) Bis(2-ethylhexyl)phtha...	13.945	149	370309	54.992	ng		99
85) Di-n-octyl phthalate	14.562	149	686466	66.788	ng		99
87) Indeno(1,2,3-cd)pyrene	16.909	276	801927	48.457	ng		99
88) Benzo(b)fluoranthene	15.004	252	720573	47.135	ng		97
89) Benzo(k)fluoranthene	15.033	252	644274	43.623	ng		98
90) Benzo(a)pyrene	15.368	252	634245	44.660	ng		98
91) Dibenzo(a,h)anthracene	16.933	278	645338	48.147	ng		97
92) Benzo(g,h,i)perylene	17.362	276	623578	44.731	ng		99

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

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SB-01(48-50)MS

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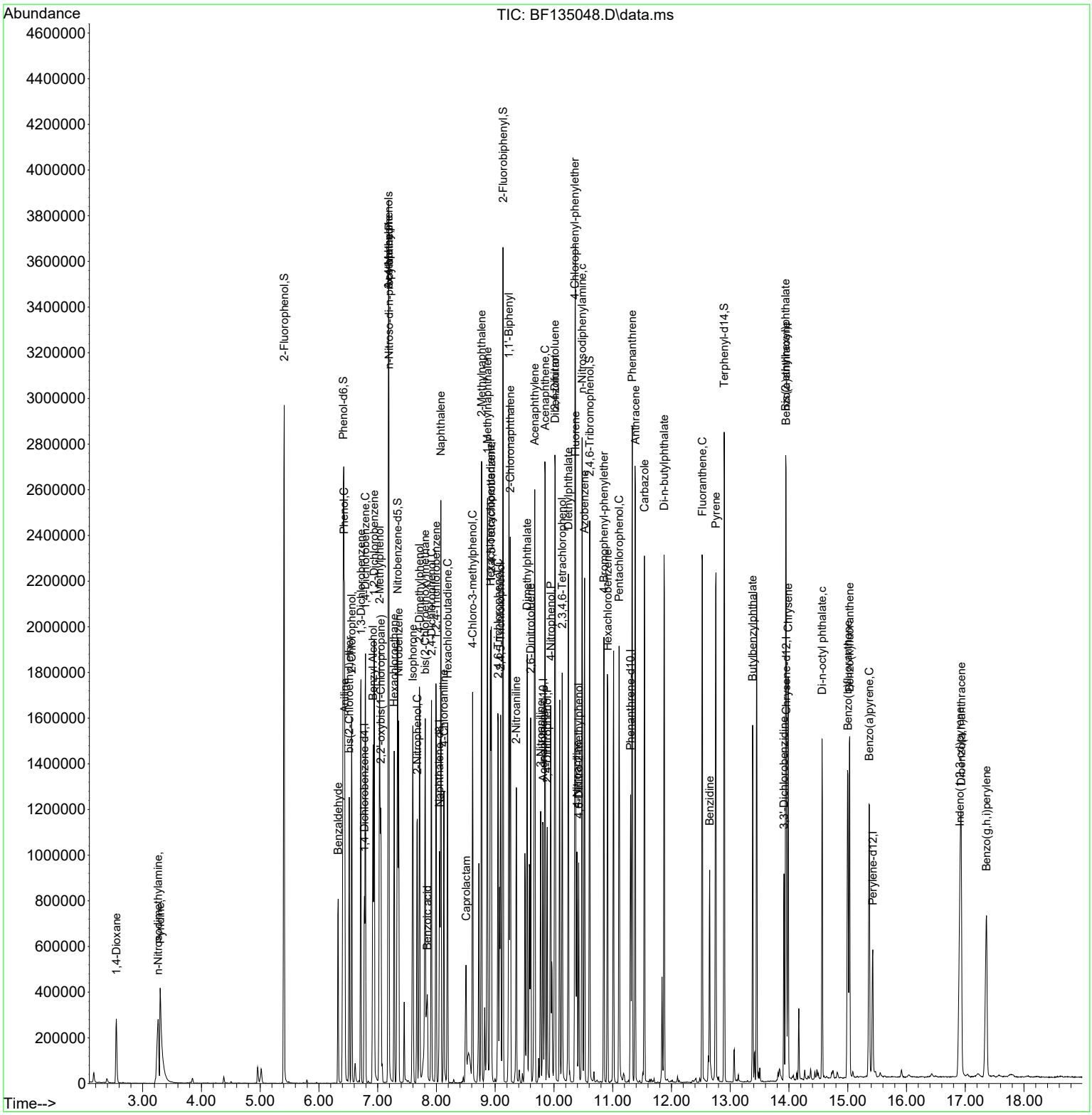
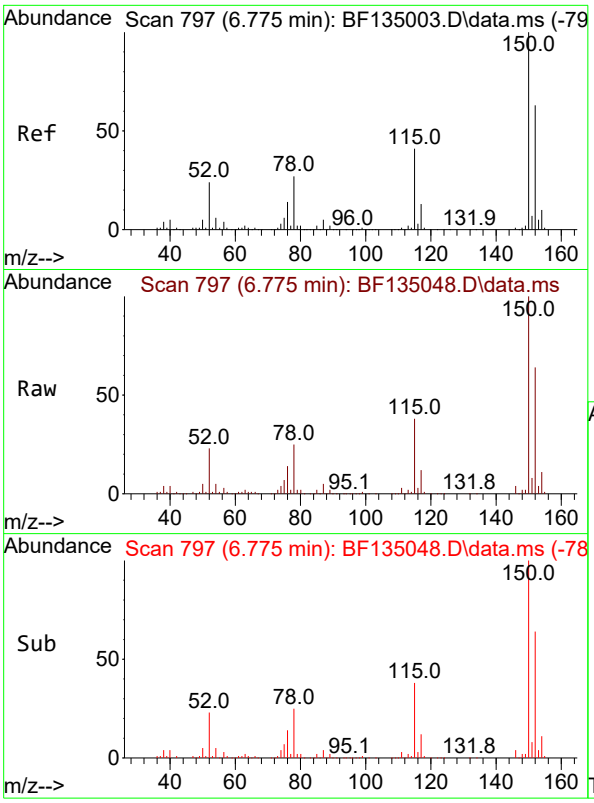
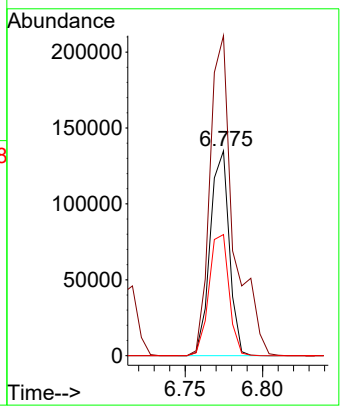




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:152 Resp: 11551

Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.2	189.4
115	59.1	51.2	76.8



Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MS

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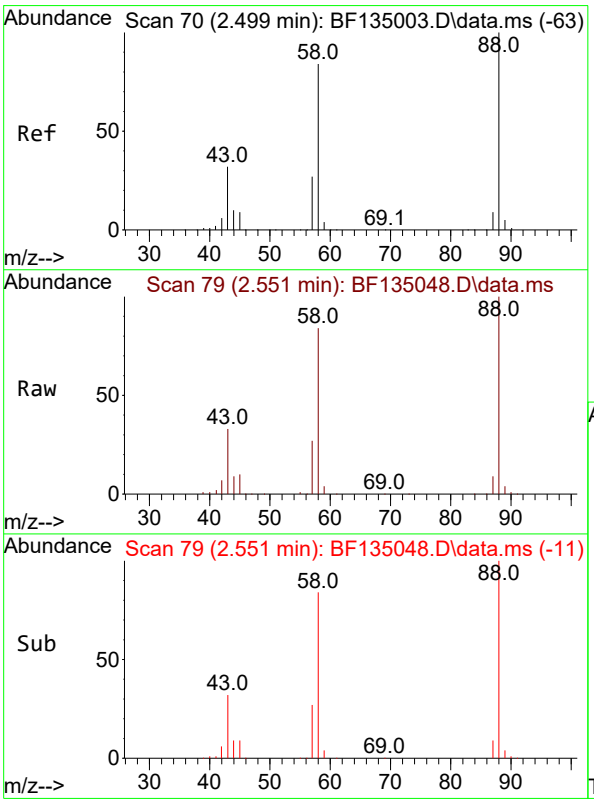
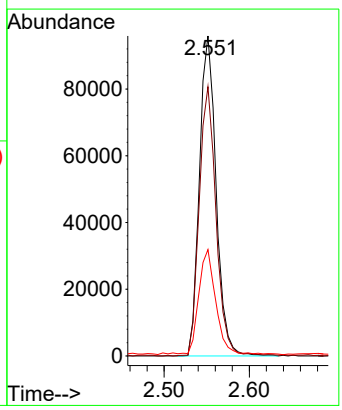
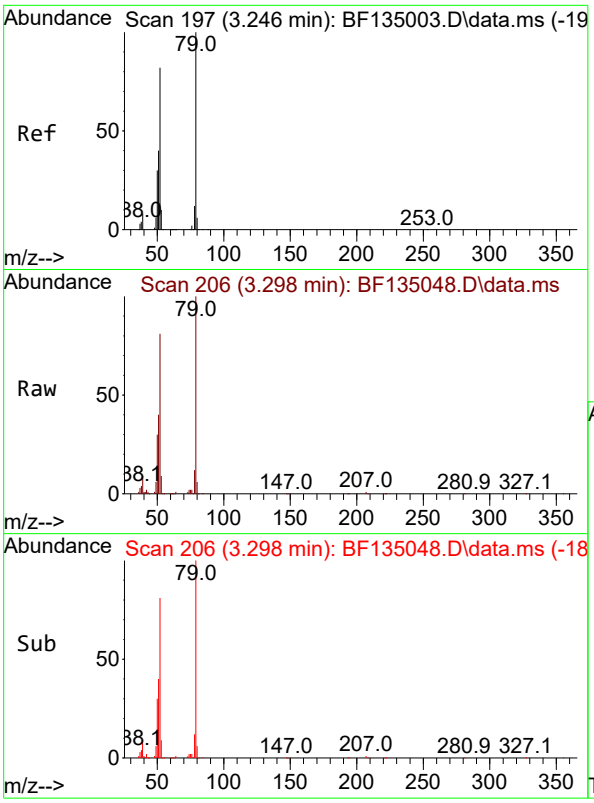


#2
1,4-Dioxane
Concen: 41.207 ng
RT: 2.551 min Scan# 79
Delta R.T. 0.053 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion: 88 Resp: 130538

Ion	Ratio	Lower	Upper
88	100		
58	85.5	67.1	100.7
43	33.7	25.9	38.9





#3
Pyridine
Concen: 38.496 ng
RT: 3.298 min Scan# 2
Delta R.T. 0.053 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion: 79 Resp: 32876

Ion	Ratio	Lower	Upper
79	100		
52	80.8	65.4	98.2
51	40.4	32.6	49.0

Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MS

Manual Integrations
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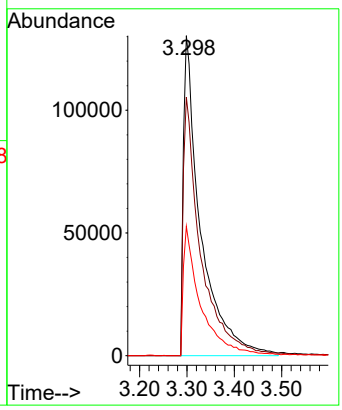
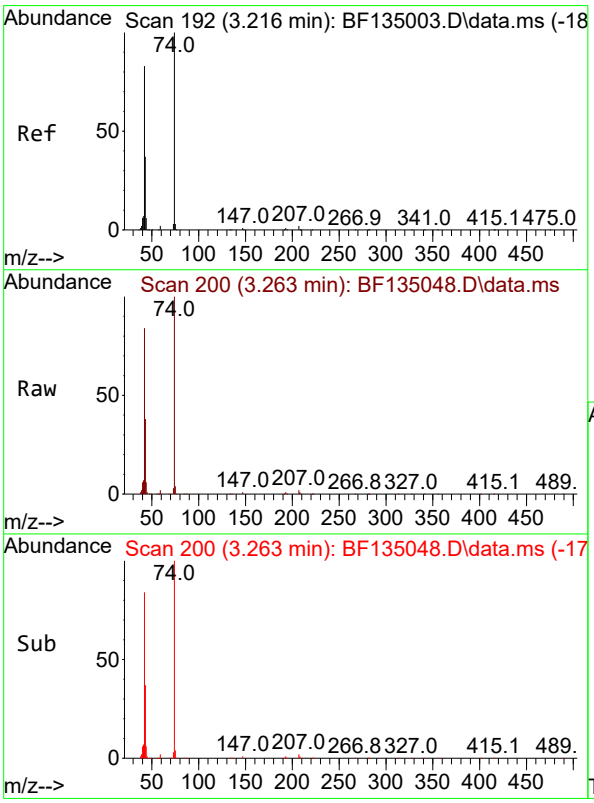
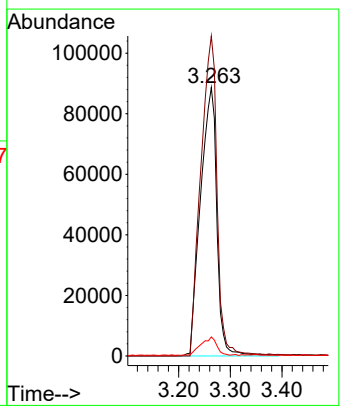


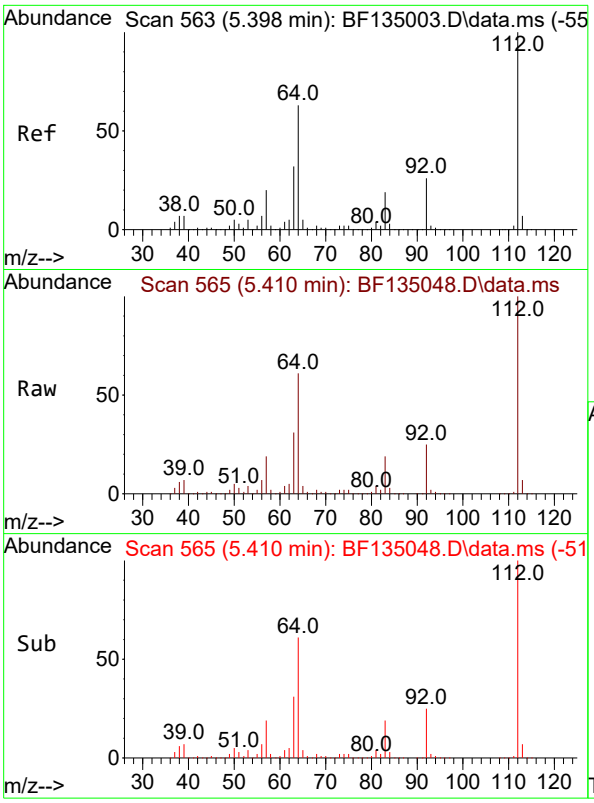


#4
n-Nitrosodimethylamine
Concen: 46.727 ng
RT: 3.263 min Scan# 200
Delta R.T. 0.047 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion: 42 Resp: 195156

Ion	Ratio	Lower	Upper
42	100		
74	119.2	96.2	144.2
44	7.1	5.8	8.6

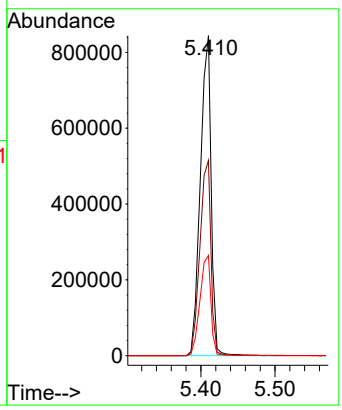




#5
2-Fluorophenol
Concen: 114.514 ng
RT: 5.410 min Scan# 5
Delta R.T. 0.012 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:112 Resp: 85640

Ion	Ratio	Lower	Upper
112	100		
64	61.0	50.5	75.7
63	31.3	25.9	38.9



Instrument :
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ClientSampleId :
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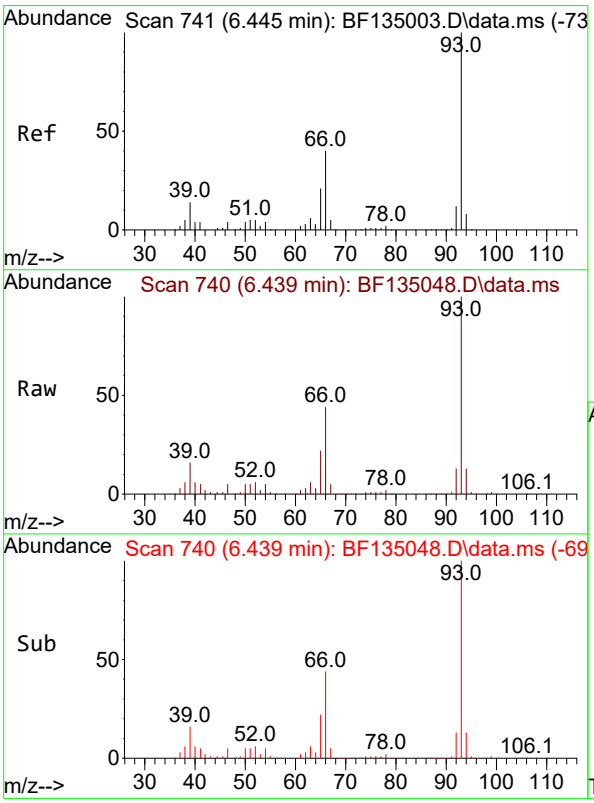
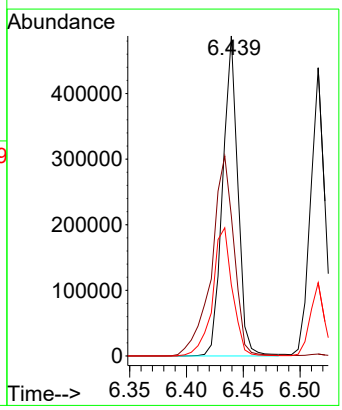
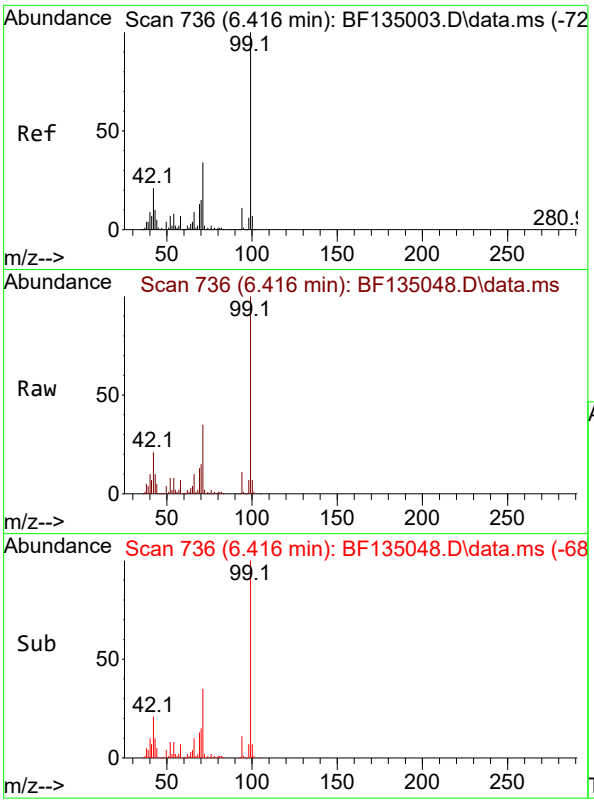


#6
Aniline
Concen: 39.326 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion: 93 Resp: 454445

Ion	Ratio	Lower	Upper
93	100		
66	43.8	32.4	48.6
65	22.2	16.6	24.8

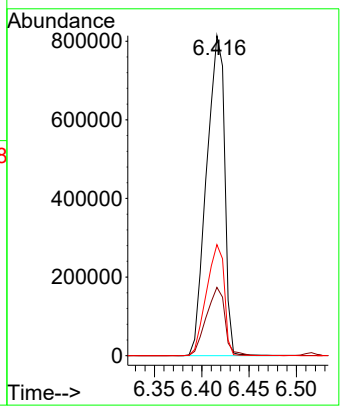




#7
Phenol-d6
Concen: 115.591 ng
RT: 6.416 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion: 99 Resp: 107749

Ion	Ratio	Lower	Upper
99	100		
42	21.3	16.6	25.0
71	34.7	27.0	40.6



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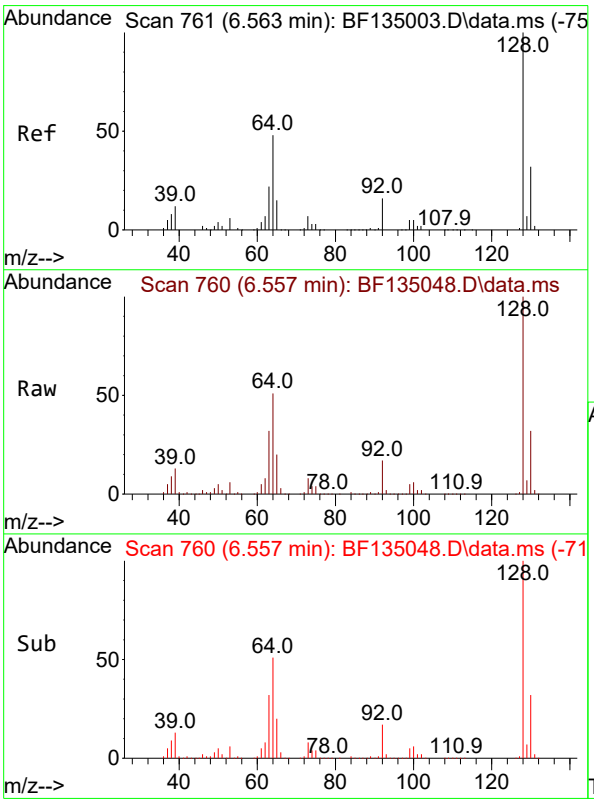
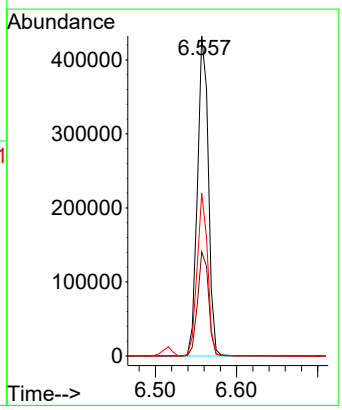
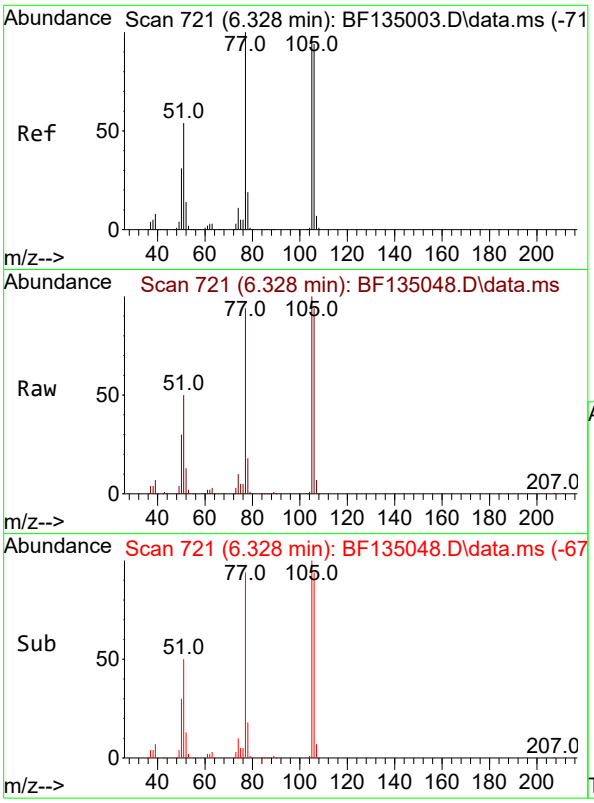


#8
2-Chlorophenol
Concen: 53.265 ng
RT: 6.557 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:128 Resp: 404695

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.2	52.2
64	50.9	29.0	69.0

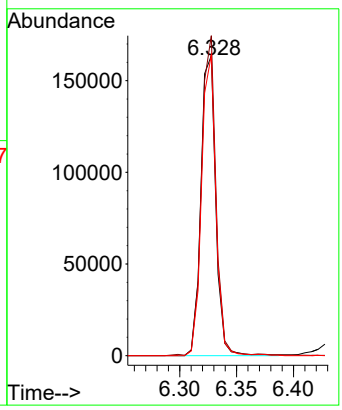




#9
Benzaldehyde
Concen: 31.219 ng
RT: 6.328 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion: 77 Resp: 14828

Ion	Ratio	Lower	Upper
77	100		
105	106.6	78.4	118.4
106	100.3	74.3	114.3



Instrument :
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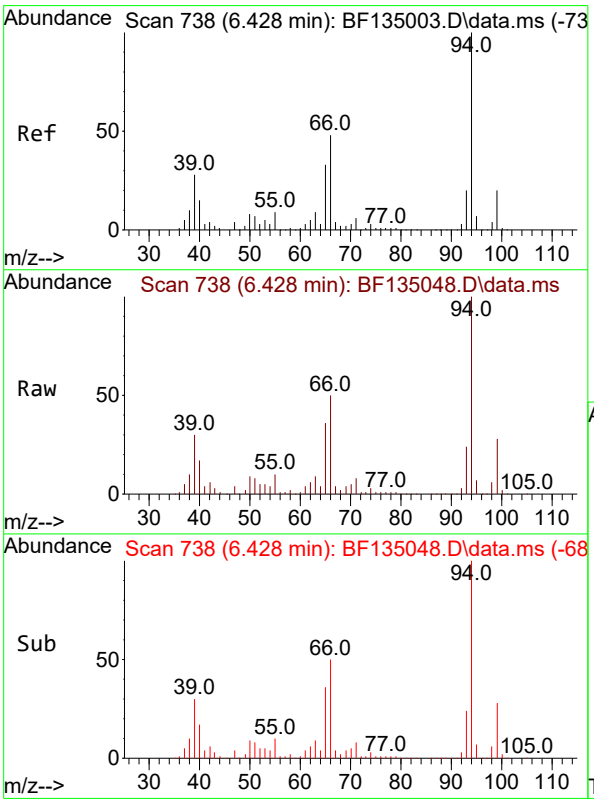
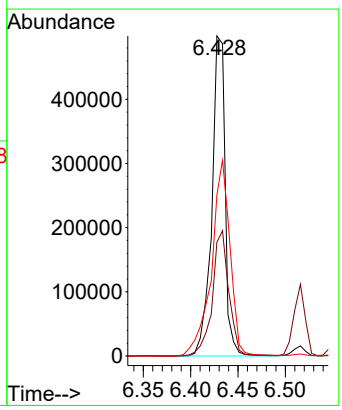
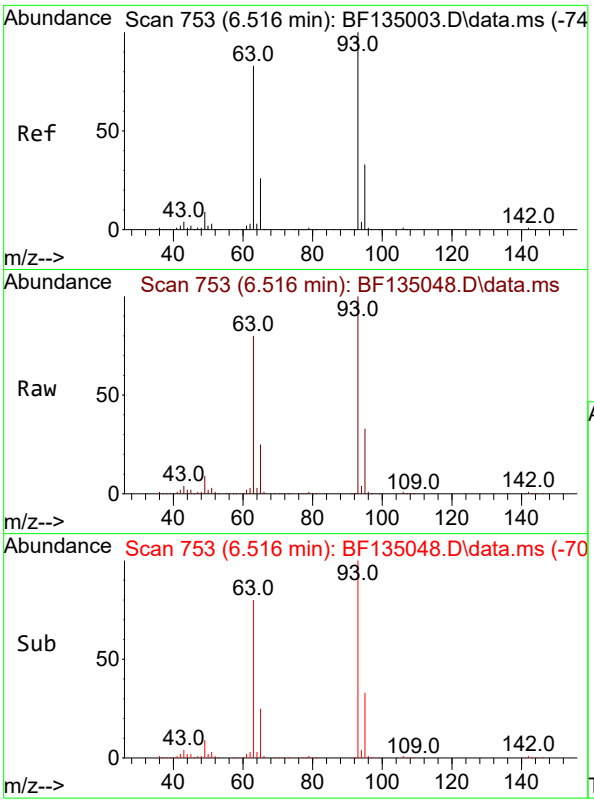


#10
Phenol
Concen: 50.164 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion: 94 Resp: 490908

Ion	Ratio	Lower	Upper
94	100		
65	35.6	13.2	53.2
66	50.4	27.5	67.5

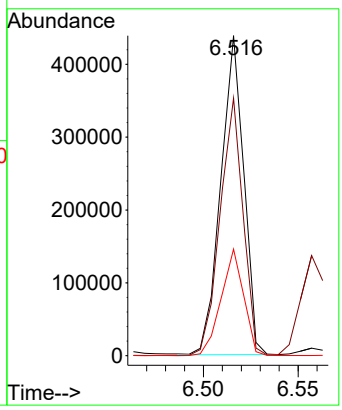




#11
bis(2-Chloroethyl)ether
Concen: 50.201 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion: 93 Resp: 36994

Ion	Ratio	Lower	Upper
93	100		
63	80.5	62.8	102.8
95	33.3	12.7	52.7



Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MS

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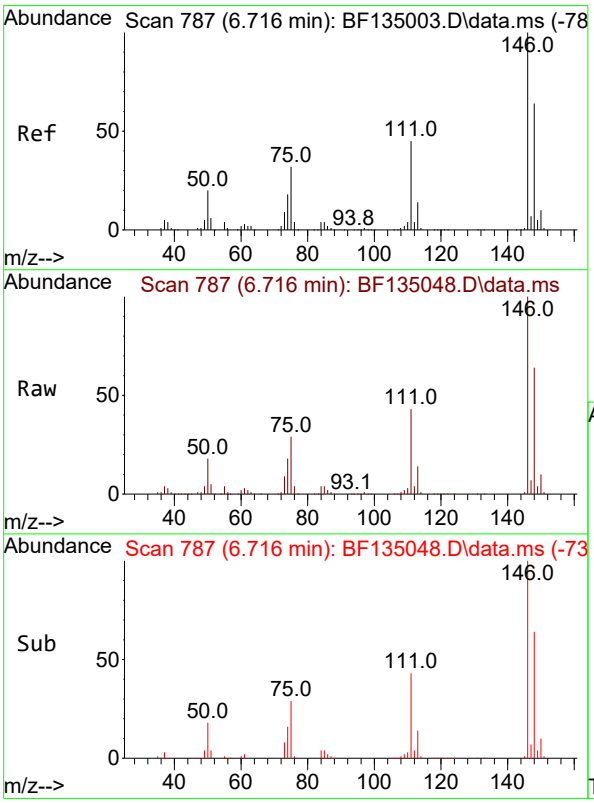
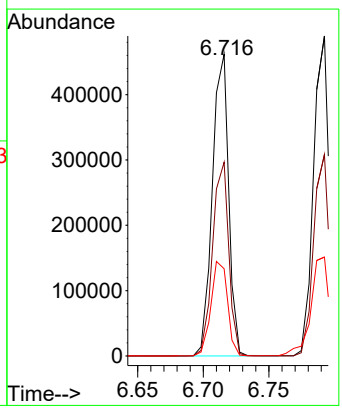
Supervised By :mohammad ahmed 09/01/2023

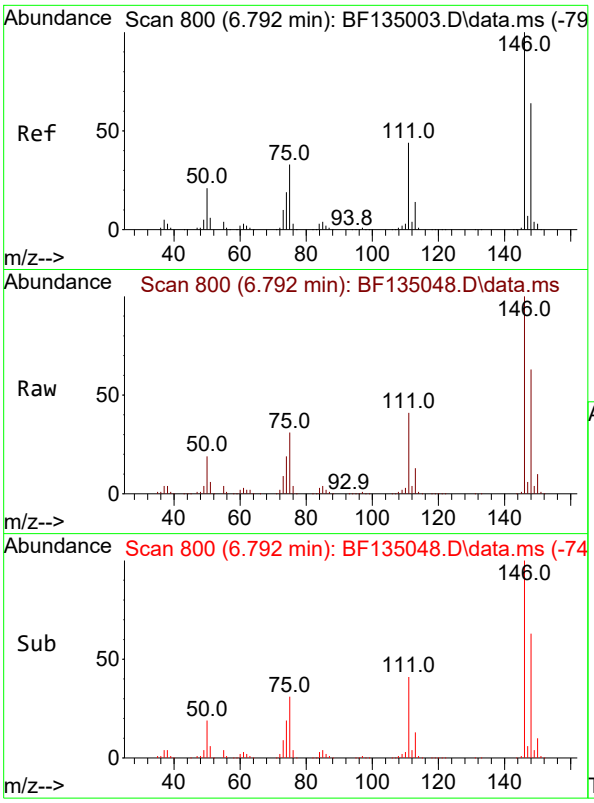


#12
1,3-Dichlorobenzene
Concen: 51.003 ng
RT: 6.716 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:146 Resp: 399244

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.6	77.4
75	28.9	25.8	38.8





#13
1,4-Dichlorobenzene
Concen: 52.107 ng
RT: 6.792 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:146 Resp: 40823

Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.5	77.3
111	41.1	35.2	52.8

Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MS

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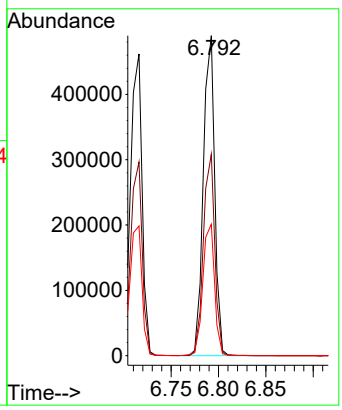
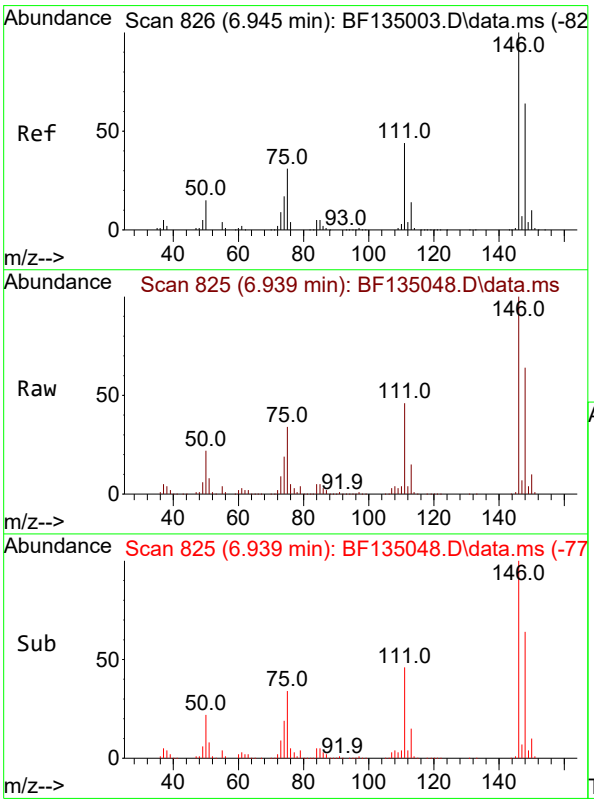
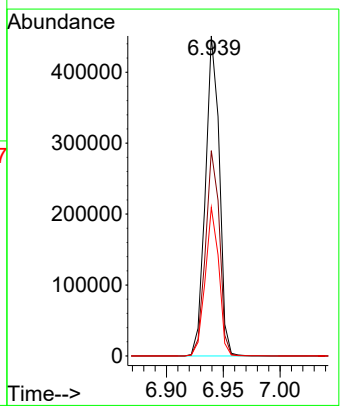


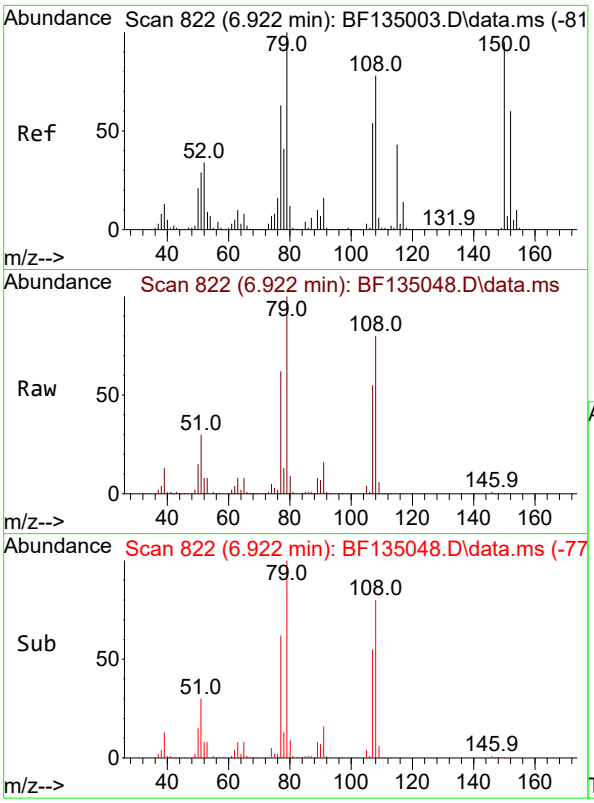


#14
1,2-Dichlorobenzene
Concen: 52.580 ng
RT: 6.939 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:146 Resp: 384407

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.1	76.7
111	46.4	35.3	52.9





#15
Benzyl Alcohol
Concen: 53.696 ng
RT: 6.922 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion: 79 Resp: 34292

Ion	Ratio	Lower	Upper
79	100		
108	79.6	62.5	93.7
77	62.3	50.4	75.6

Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MS

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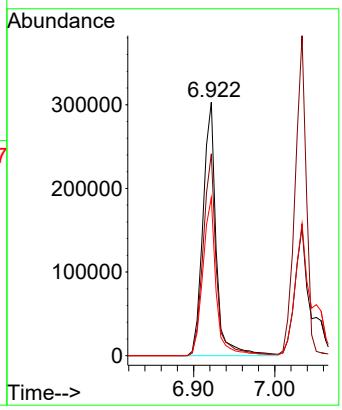
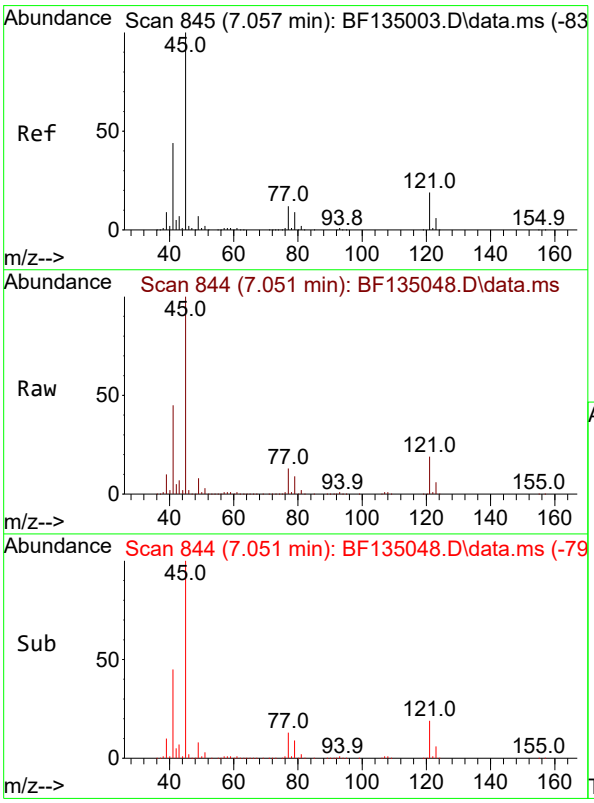
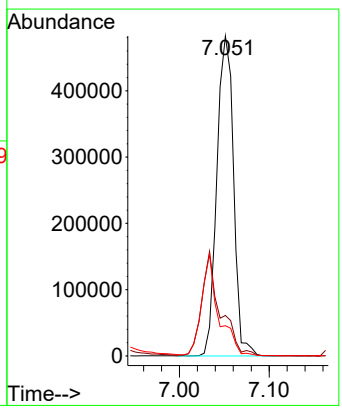


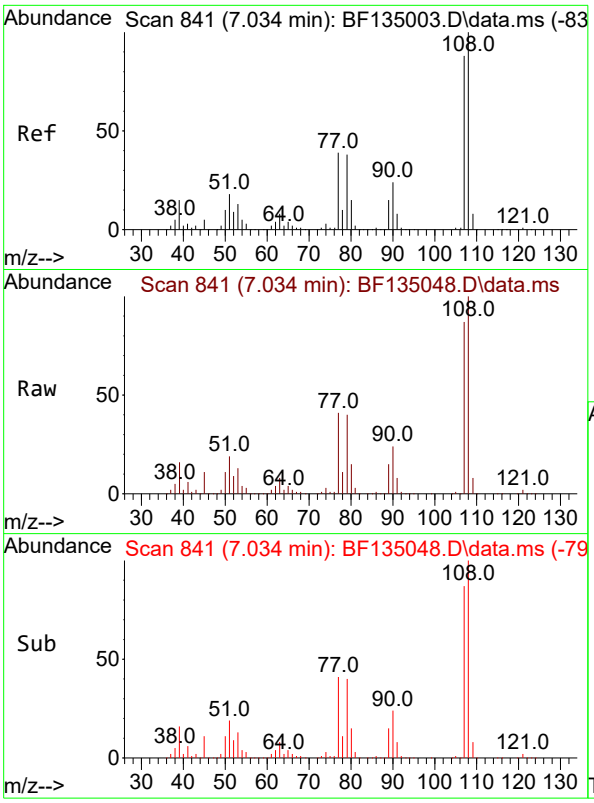


#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.460 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion: 45 Resp: 622698

Ion	Ratio	Lower	Upper
45	100		
77	12.6	0.0	32.3
79	9.5	0.0	29.5

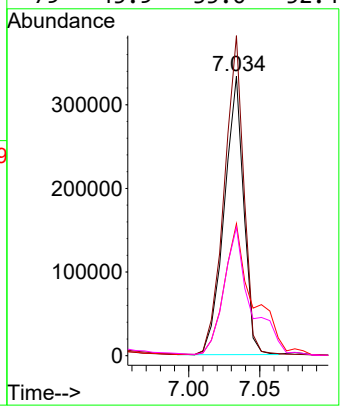




#17
2-Methylphenol
Concen: 47.834 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:107 Resp: 31669

Ion	Ratio	Lower	Upper
107	100		
108	114.5	91.2	136.8
77	47.2	36.0	54.0
79	45.9	35.0	52.4



Instrument :
BNA_F
ClientSampleId :
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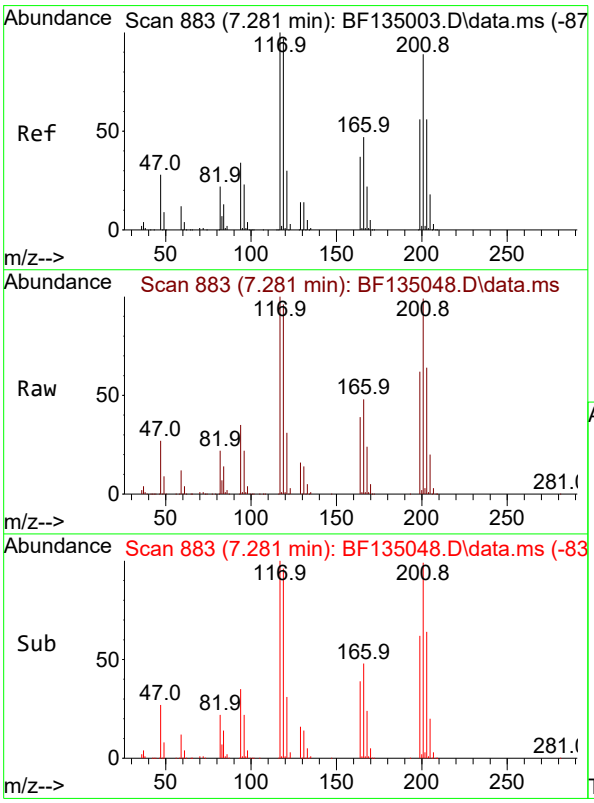
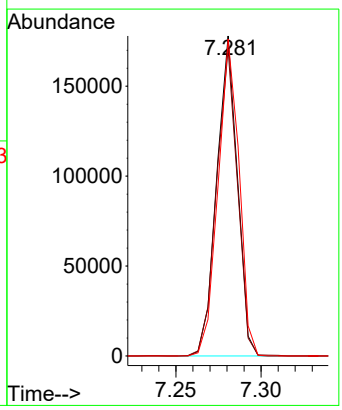
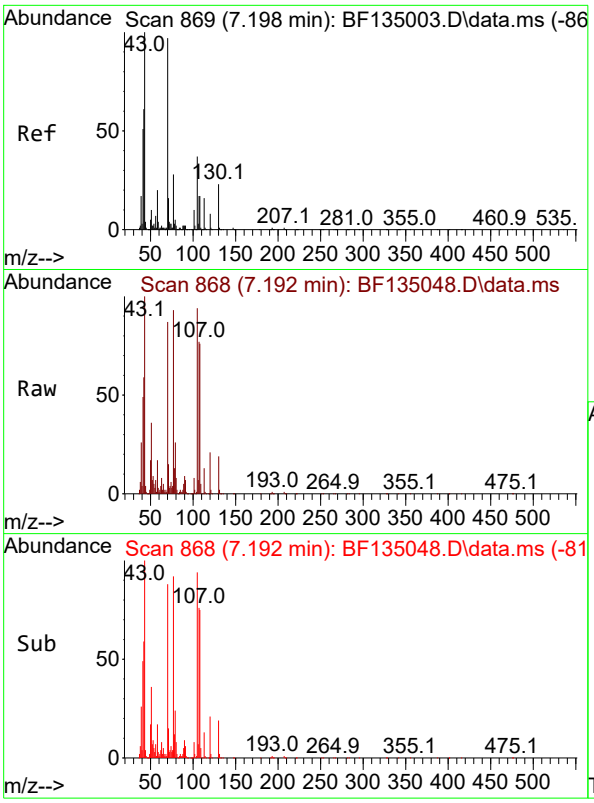


#18
Hexachloroethane
Concen: 51.535 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:117 Resp: 149561

Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.4	116.2
201	99.0	71.4	107.2

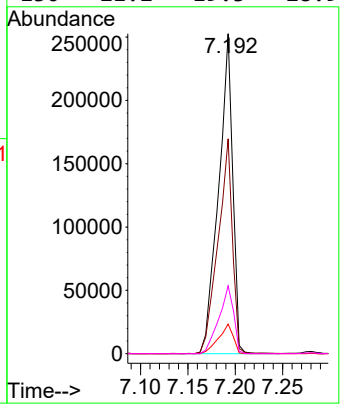




#19
n-Nitroso-di-n-propylamine
Concen: 47.612 ng
RT: 7.192 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion: 70 Resp: 26362

Ion	Ratio	Lower	Upper
70	100		
42	67.2	50.2	75.4
101	9.3	8.1	12.1
130	21.2	19.3	28.9



Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MS

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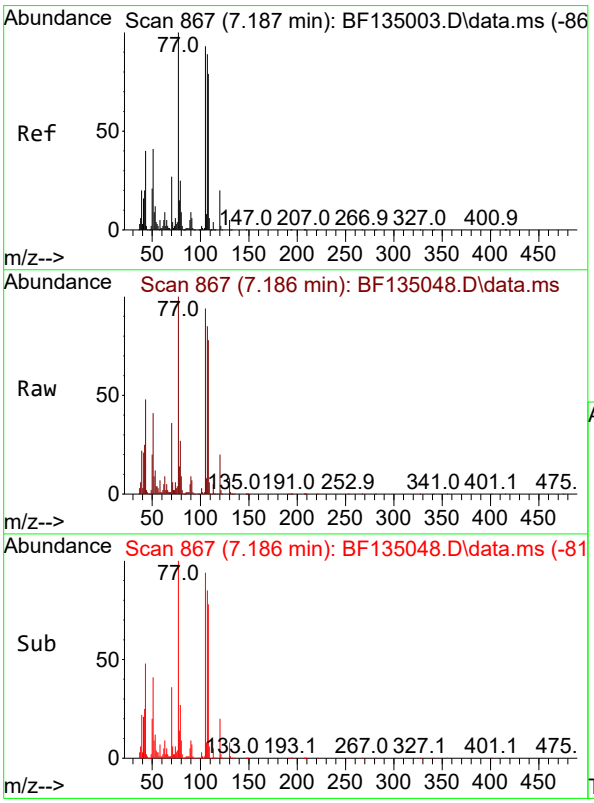
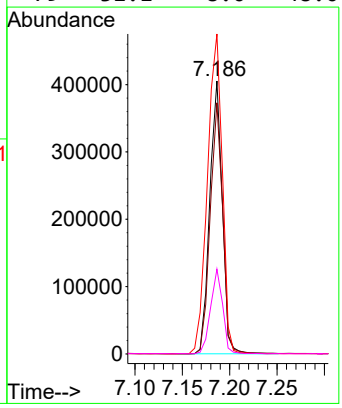
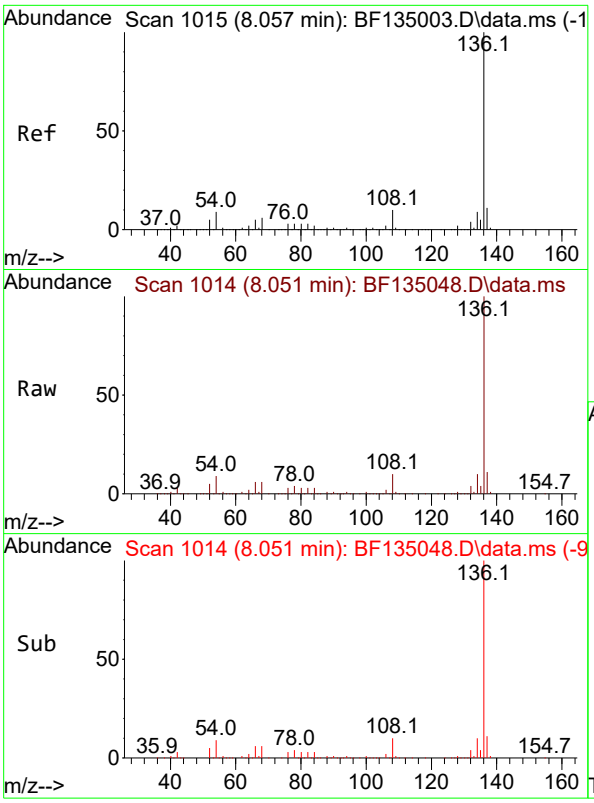


#20
3+4-Methylphenols
Concen: 47.651 ng
RT: 7.186 min Scan# 867
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:107 Resp: 372193

Ion	Ratio	Lower	Upper
107	100		
108	92.0	68.6	108.6
77	117.2	92.3	132.3
79	31.1	8.0	48.0

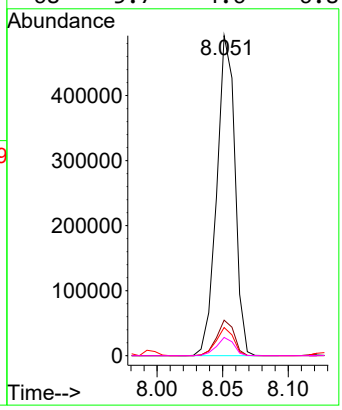




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:136 Resp: 47310

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.8	7.0	10.4
68	5.7	4.6	6.8



Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MS

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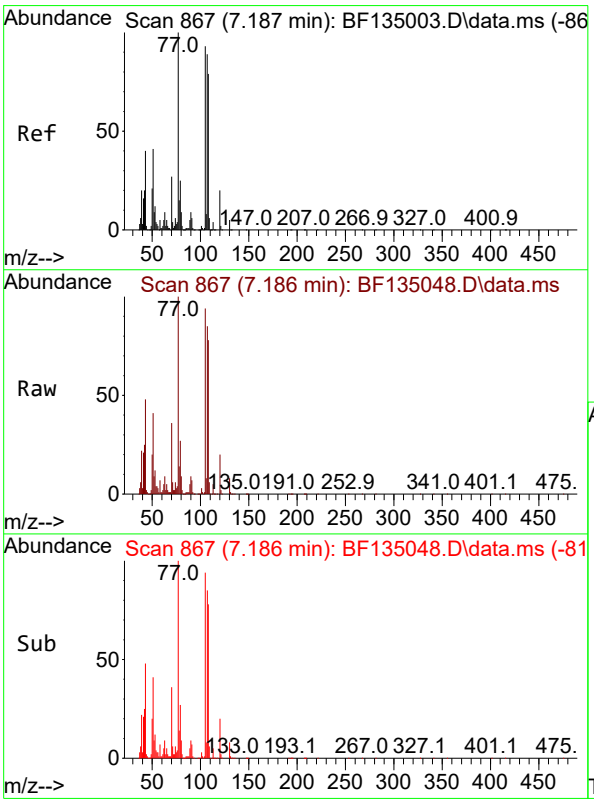
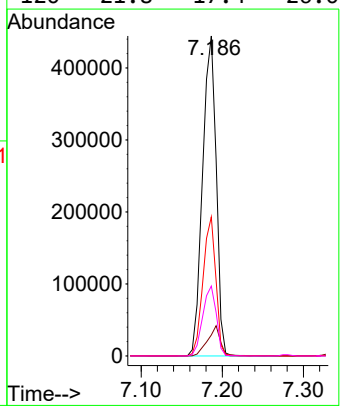
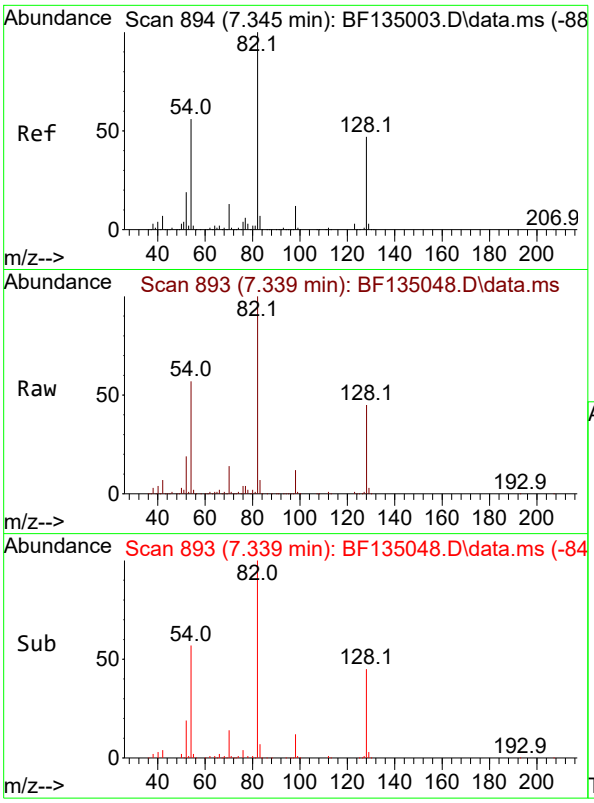


#22
Acetophenone
Concen: 49.248 ng
RT: 7.186 min Scan# 867
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:105 Resp: 518250

Ion	Ratio	Lower	Upper
105	100		
71	6.5	3.8	5.6#
51	43.5	35.0	52.6
120	21.8	17.4	26.0





#23
Nitrobenzene-d5
Concen: 80.449 ng
RT: 7.339 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion: 82 Resp: 67747

Ion	Ratio	Lower	Upper
82	100		
128	44.8	37.8	56.8
54	57.3	45.0	67.6

Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MS

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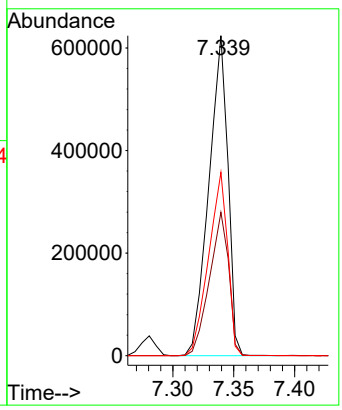
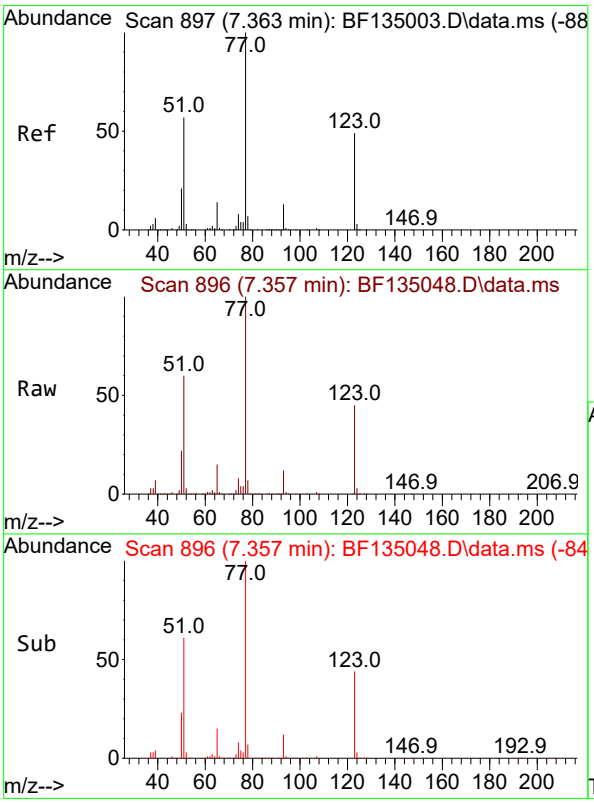
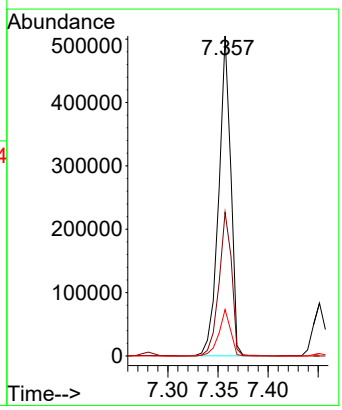


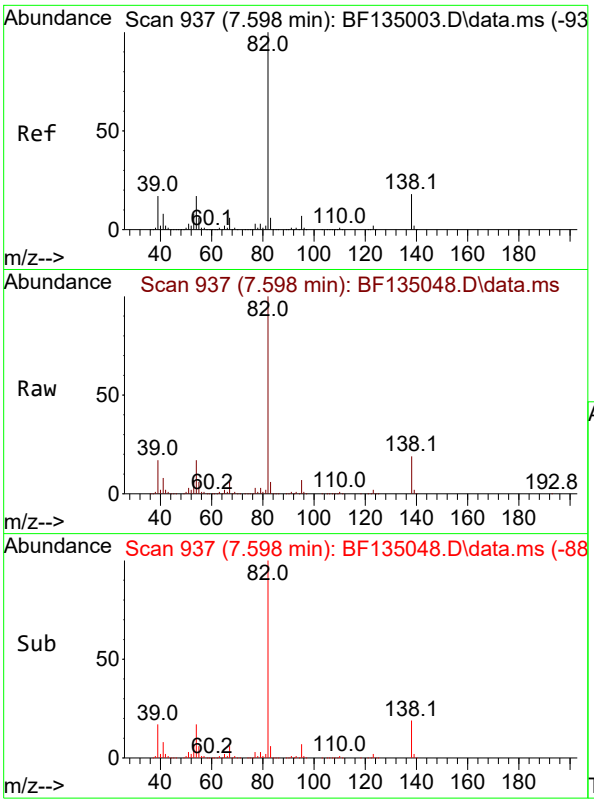


#24
Nitrobenzene
Concen: 48.726 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion: 77 Resp: 420909

Ion	Ratio	Lower	Upper
77	100		
123	44.9	39.4	59.2
65	14.5	11.4	17.2

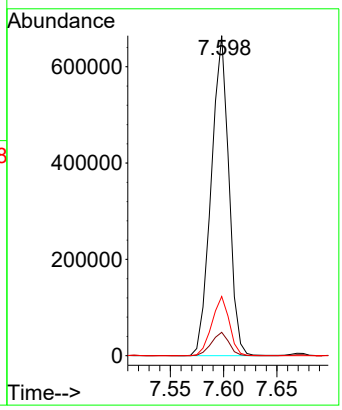




#25
Isophorone
Concen: 48.086 ng
RT: 7.598 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion: 82 Resp: 76776

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.6	8.4
138	18.5	14.7	22.1



Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MS

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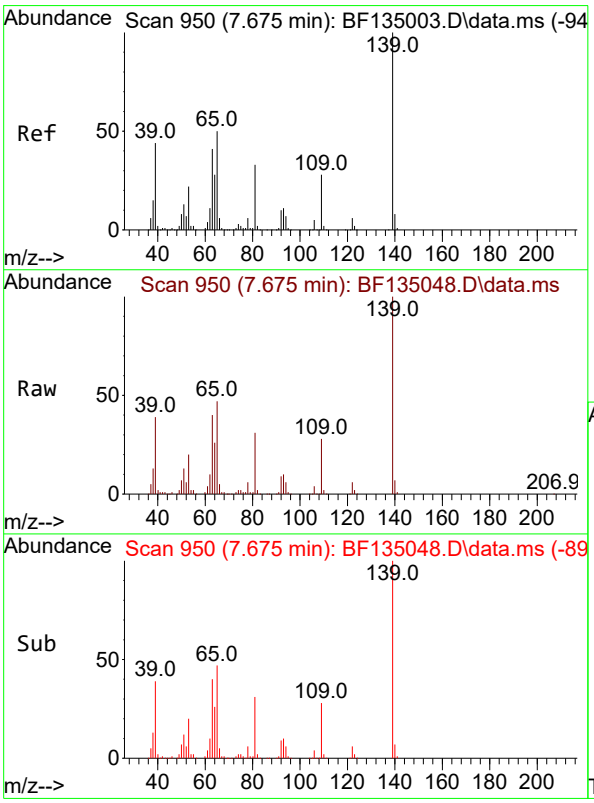
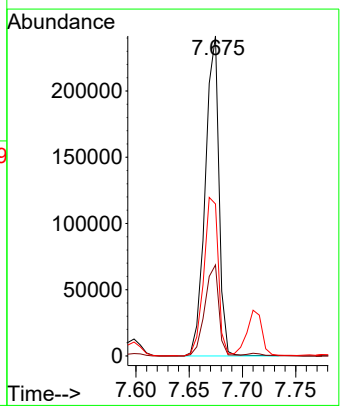
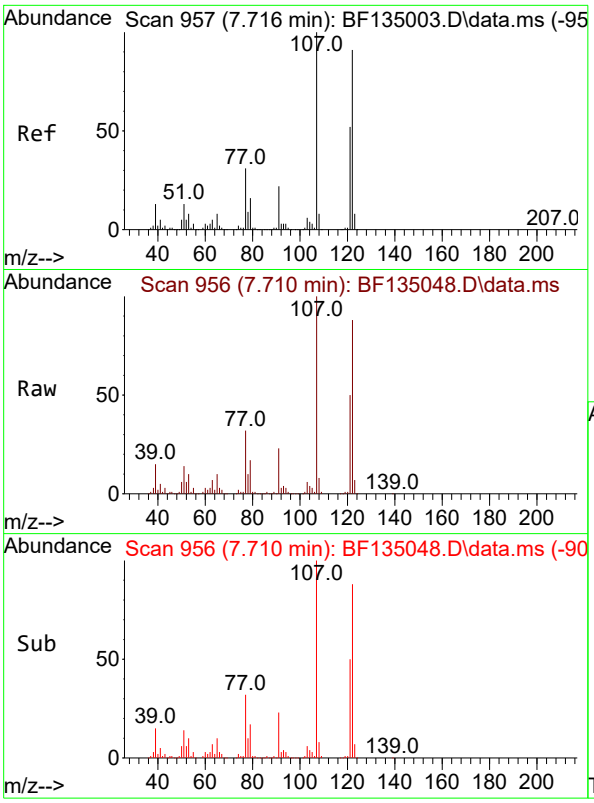


#26
2-Nitrophenol
Concen: 50.919 ng
RT: 7.675 min Scan# 950
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:139 Resp: 217318

Ion	Ratio	Lower	Upper
139	100		
109	28.5	22.6	34.0
65	47.5	40.3	60.5





#27
2,4-Dimethylphenol
Concen: 47.889 ng
RT: 7.710 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:122 Resp: 32905

Ion	Ratio	Lower	Upper
122	100		
107	114.0	87.8	131.8
121	57.0	46.0	69.0

Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MS

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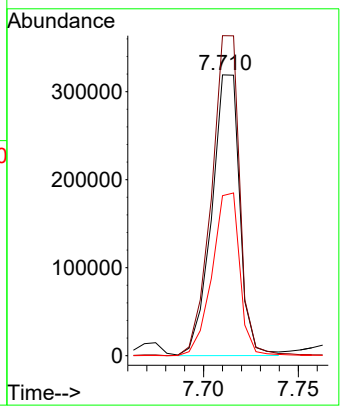
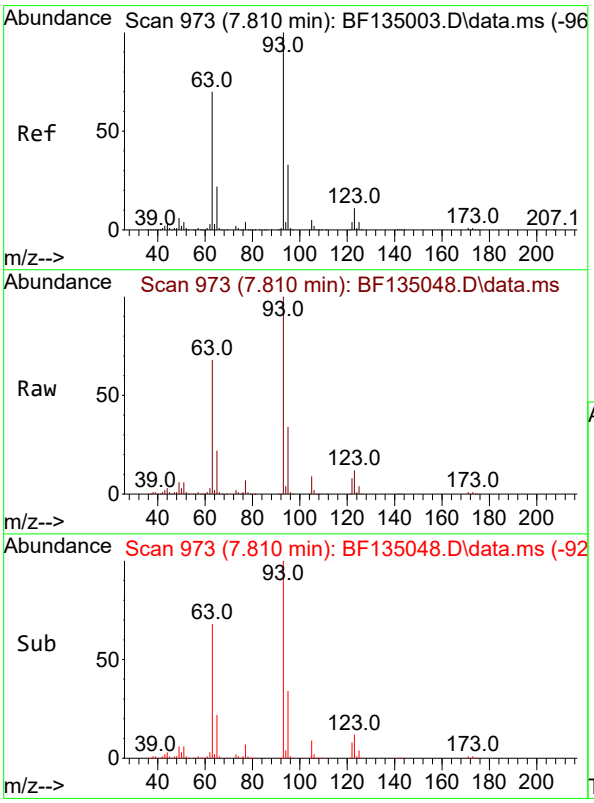
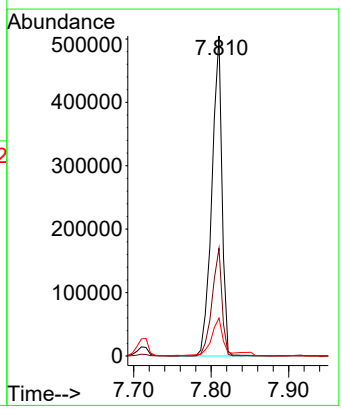


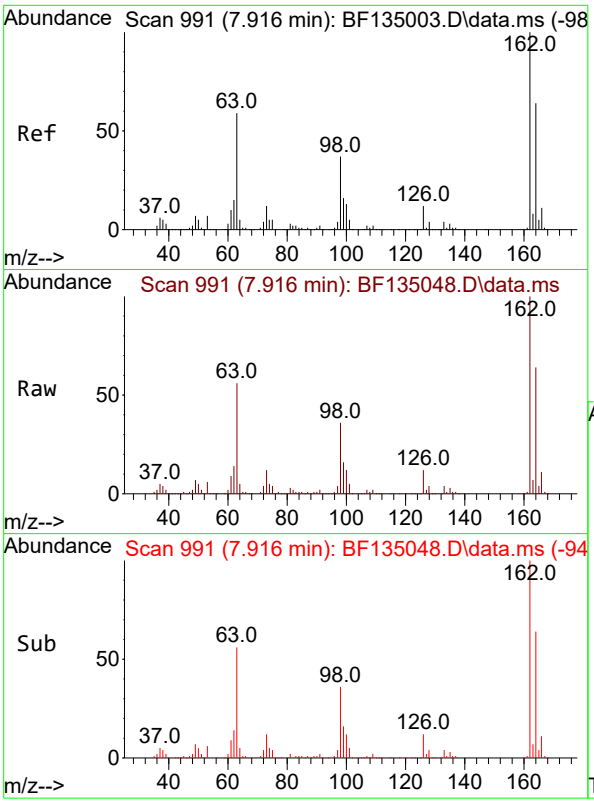


#28
bis(2-Chloroethoxy)methane
Concen: 47.641 ng
RT: 7.810 min Scan# 973
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion: 93 Resp: 458852

Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.0	39.0
123	11.9	9.2	13.8

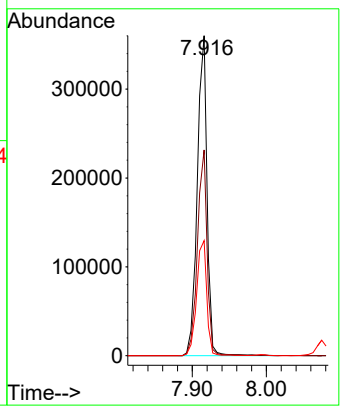




#29
2,4-Dichlorophenol
Concen: 50.343 ng
RT: 7.916 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:162 Resp: 32876

Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.2	84.2
98	36.0	17.3	57.3



Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MS

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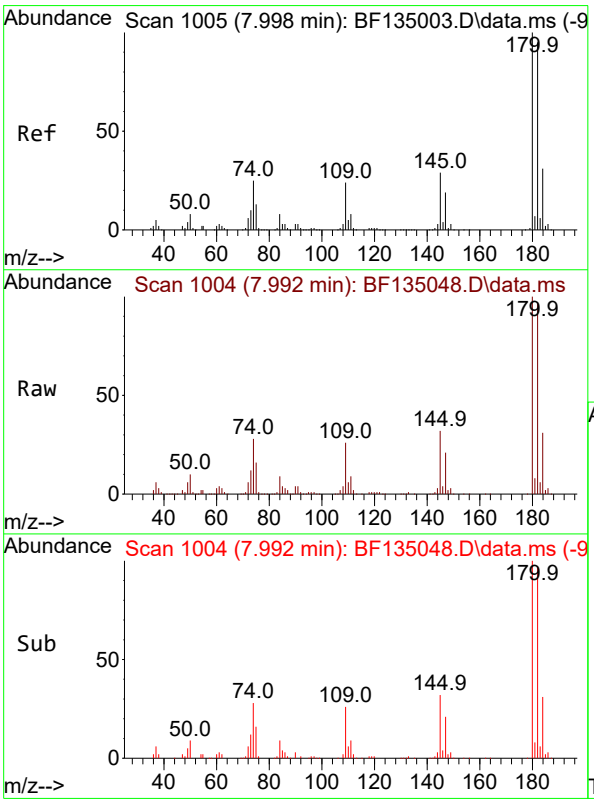
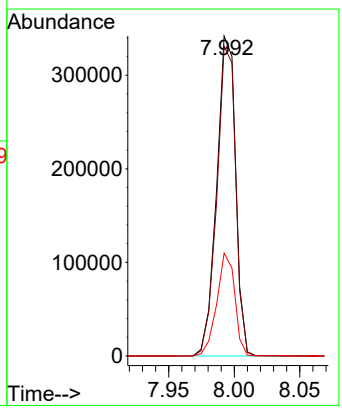
Supervised By :mohammad ahmed 09/01/2023

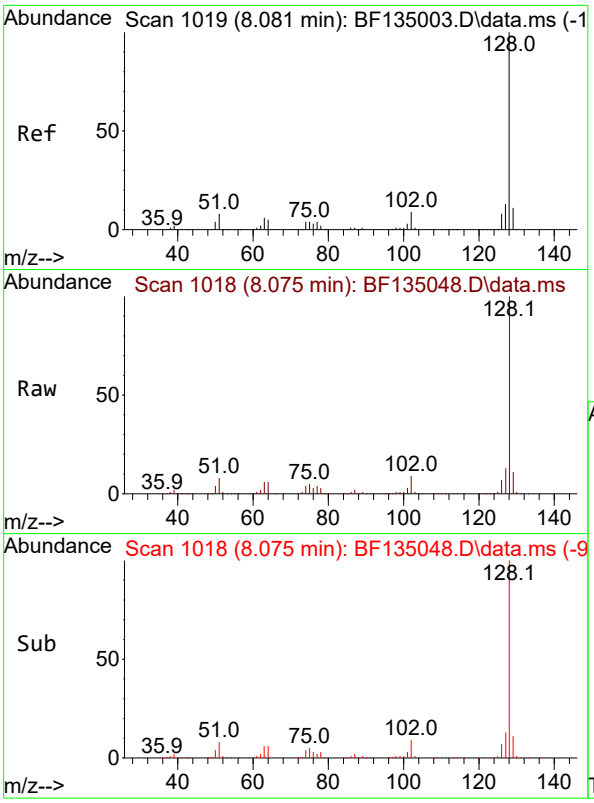


#30
1,2,4-Trichlorobenzene
Concen: 48.584 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:180 Resp: 342863

Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.3	114.5
145	32.1	23.5	35.3





#31
Naphthalene
Concen: 47.150 ng
RT: 8.075 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:128 Resp: 108968(

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	13.3	10.6	16.0

Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MS

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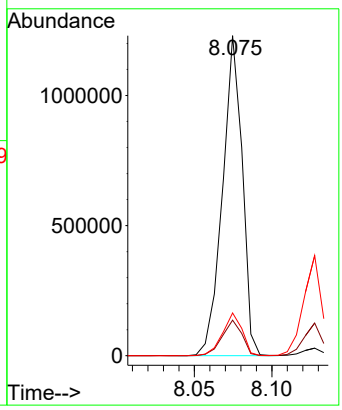
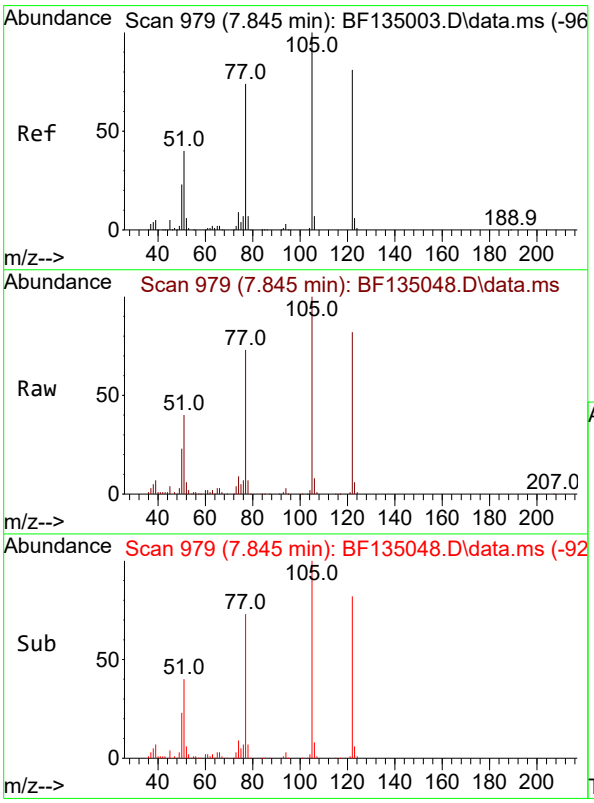
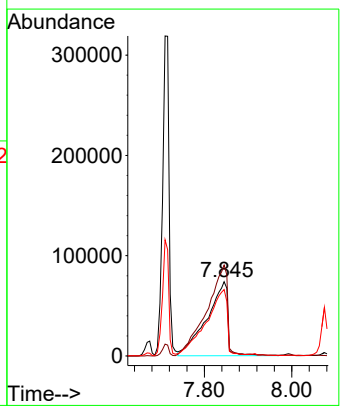


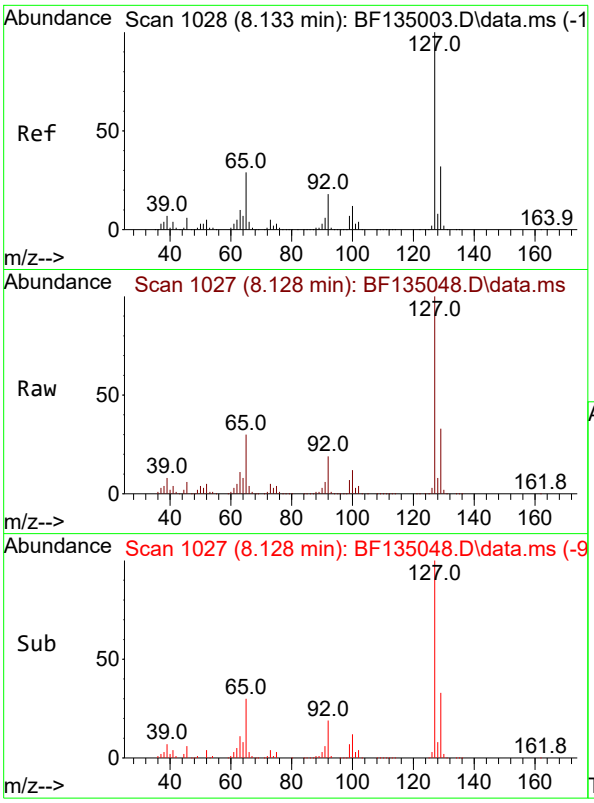


#32
Benzoic acid
Concen: 44.871 ng
RT: 7.845 min Scan# 979
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:122 Resp: 246633

Ion	Ratio	Lower	Upper
122	100		
105	122.5	99.8	139.8
77	89.5	69.5	109.5

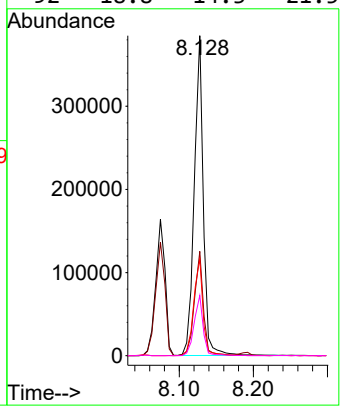




#33
4-Chloroaniline
Concen: 32.230 ng
RT: 8.128 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:127 Resp: 32579

Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.6	38.4
65	30.3	23.1	34.7
92	18.8	14.3	21.5



Instrument :
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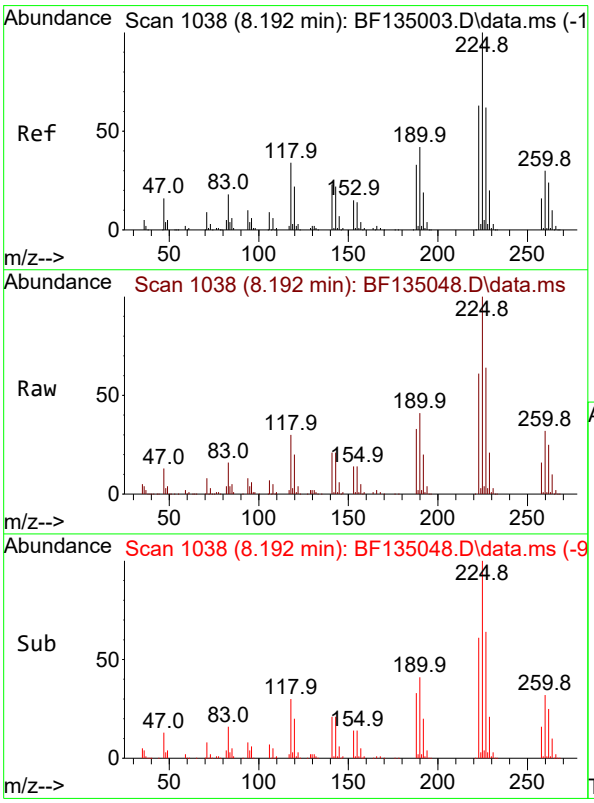
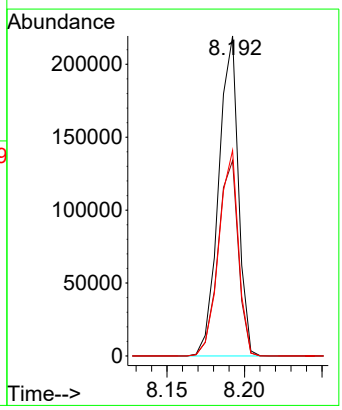
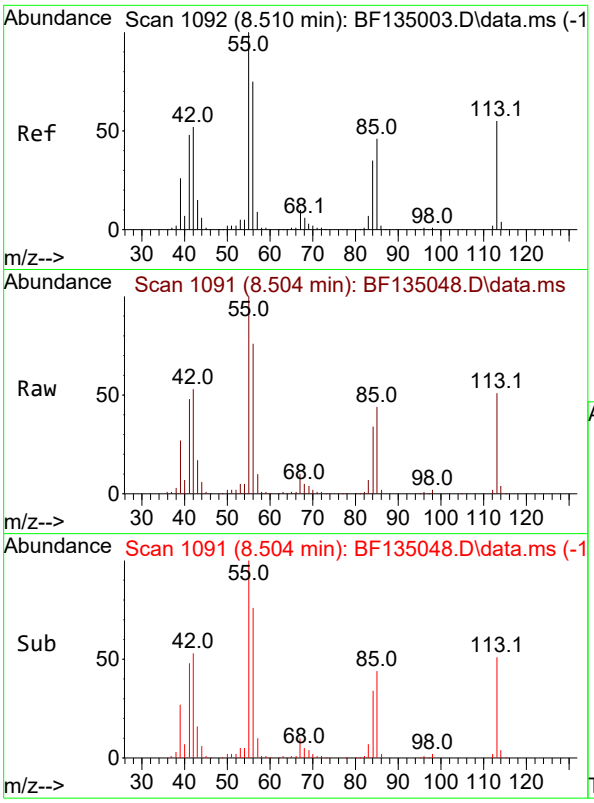


#34
Hexachlorobutadiene
Concen: 48.281 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:225 Resp: 193365

Ion	Ratio	Lower	Upper
225	100		
223	61.0	50.7	76.1
227	64.2	49.6	74.4





#35
Caprolactam
Concen: 49.918 ng m
RT: 8.504 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:113 Resp: 10673

Ion	Ratio	Lower	Upper
113	100		
55	194.9	160.6	200.6
56	148.0	115.4	155.4

Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MS

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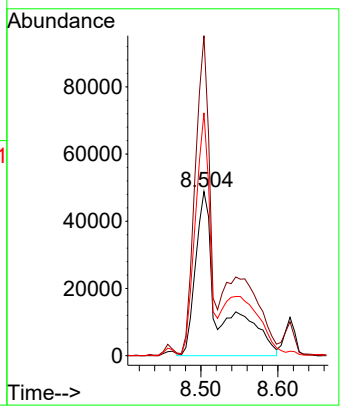
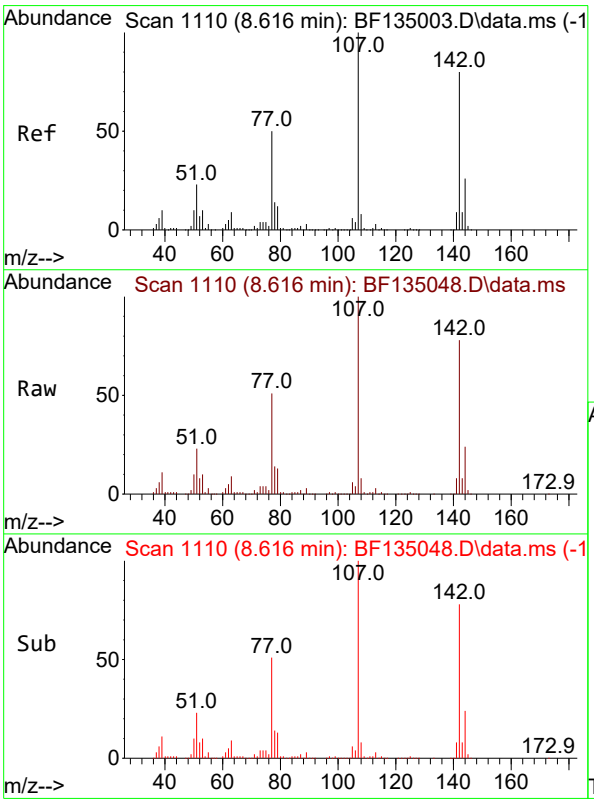
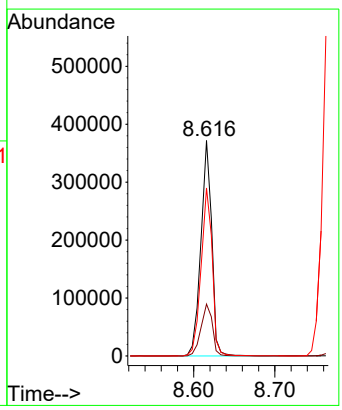


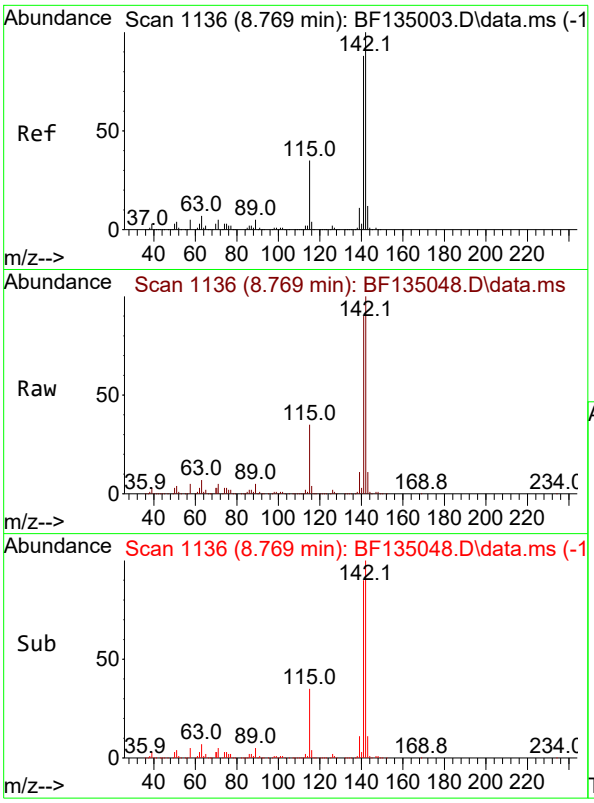


#36
4-Chloro-3-methylphenol
Concen: 48.775 ng
RT: 8.616 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:107 Resp: 345960

Ion	Ratio	Lower	Upper
107	100		
144	24.1	20.6	31.0
142	78.0	64.4	96.6





#37
2-Methylnaphthalene
Concen: 45.688 ng
RT: 8.769 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:142 Resp: 70451

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.7	106.1

Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MS

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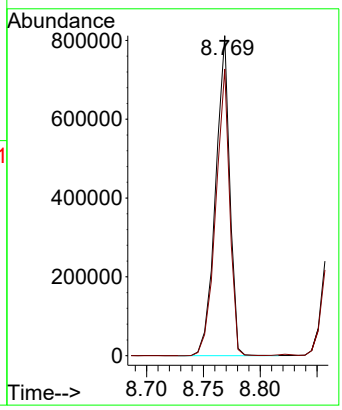
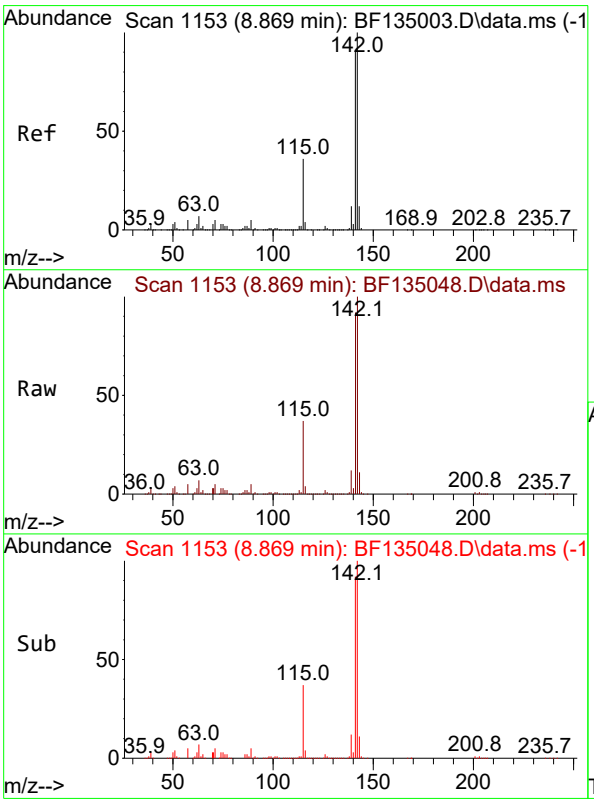
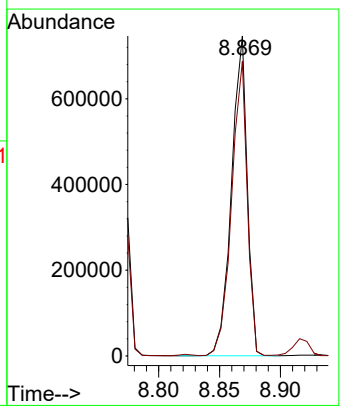


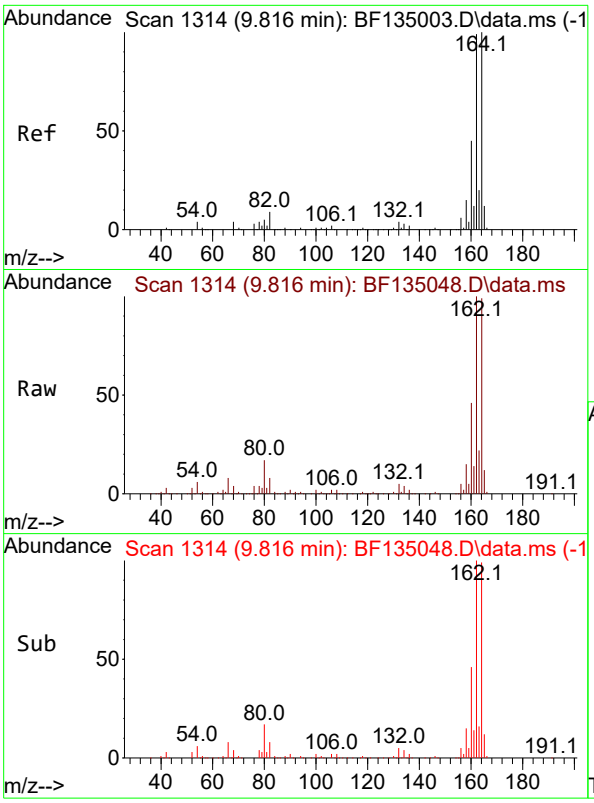


#38
1-Methylnaphthalene
Concen: 46.591 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:142 Resp: 672238

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.0	109.4

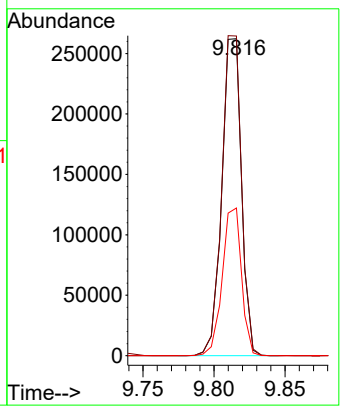




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:164 Resp: 25198

Ion	Ratio	Lower	Upper
164	100		
162	100.9	79.5	119.3
160	46.6	36.0	54.0



Instrument :
BNA_F
ClientSampleId :
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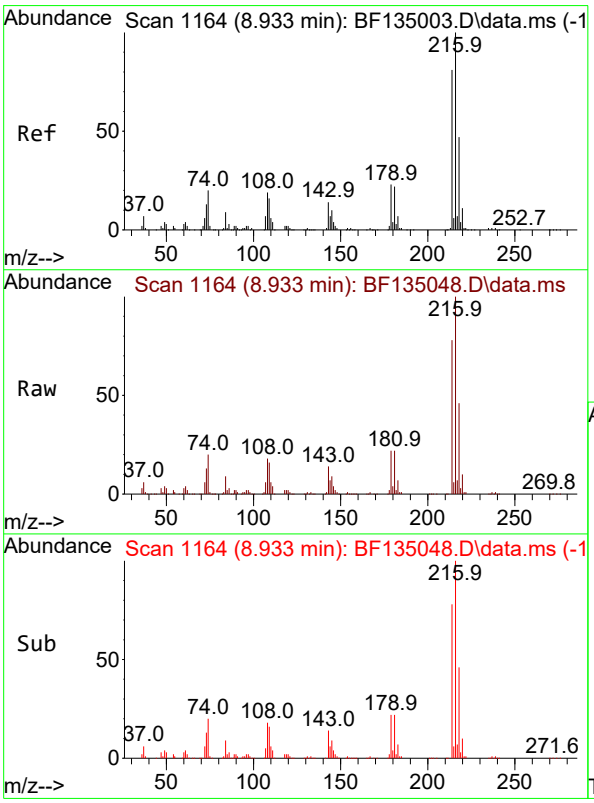
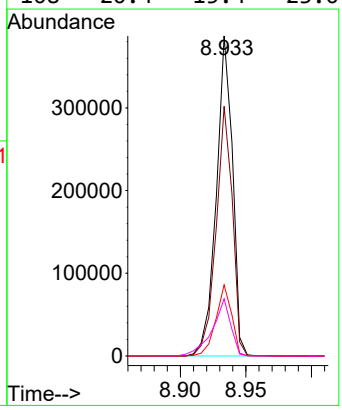
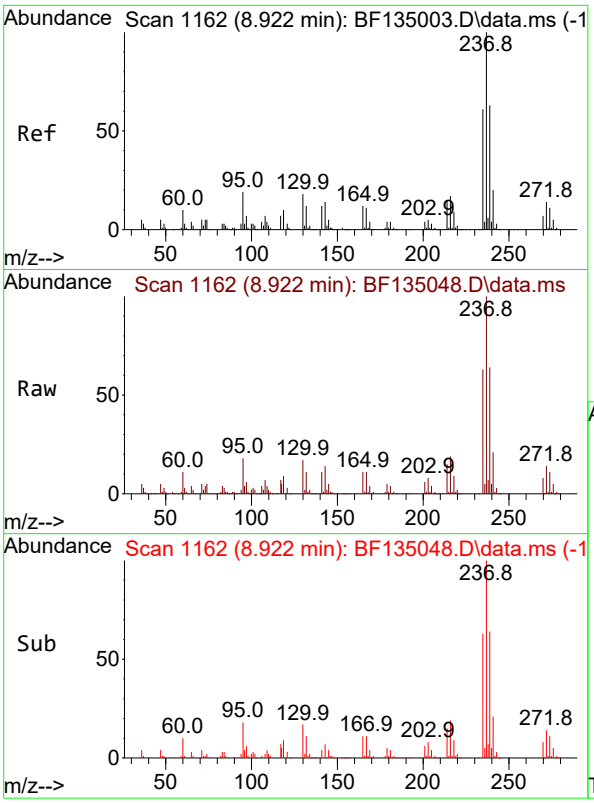


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.061 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:216 Resp: 331968

Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.8	95.8
179	21.7	17.7	26.5
108	20.4	15.4	23.0





#41
Hexachlorocyclopentadiene
Concen: 100.065 ng
RT: 8.922 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:237 Resp: 30043

Ion	Ratio	Lower	Upper
237	100		
235	63.4	40.9	80.9
272	14.0	0.0	33.9

Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MS

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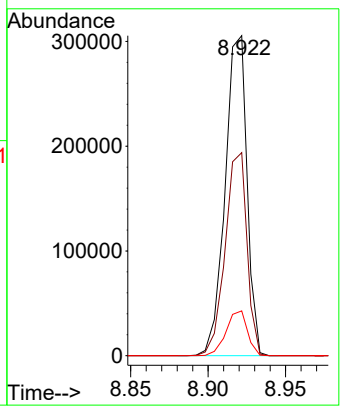
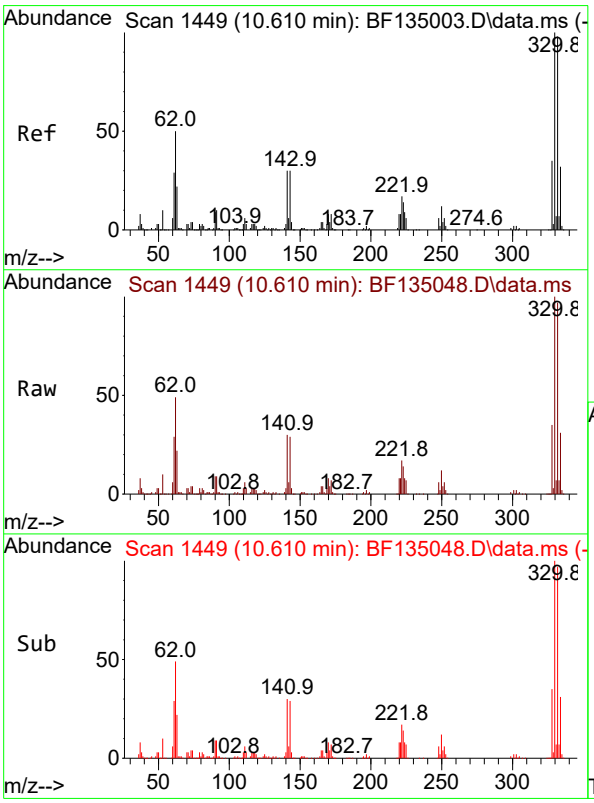
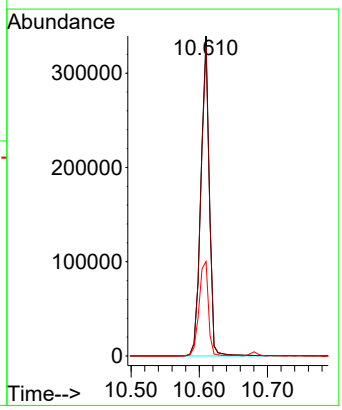


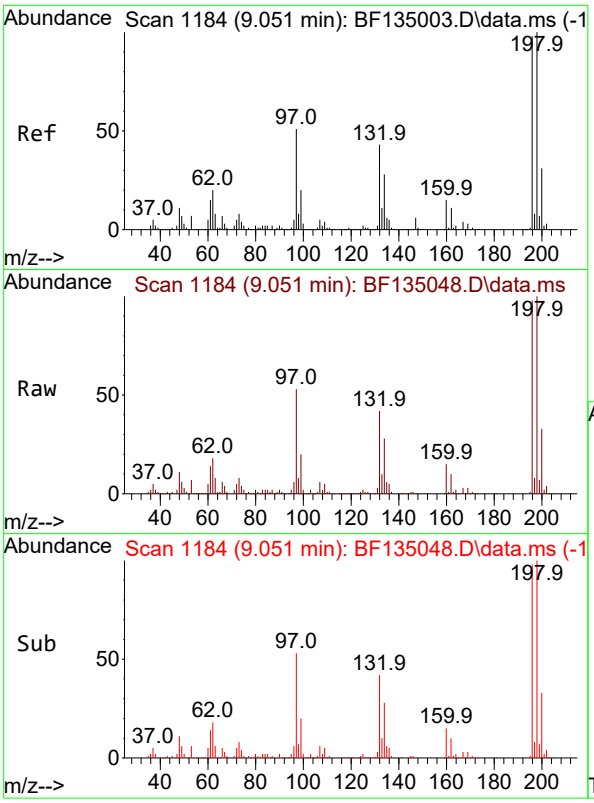


#42
2,4,6-Tribromophenol
Concen: 109.656 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:330 Resp: 293114

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.6	116.4
141	32.7	26.3	39.5

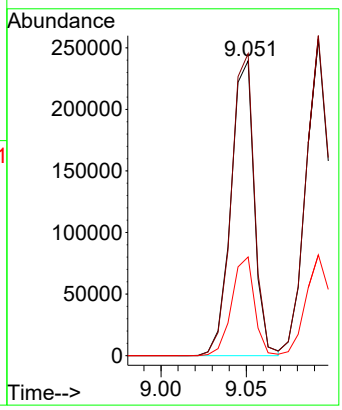




#43
2,4,6-Trichlorophenol
Concen: 48.180 ng
RT: 9.051 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:196 Resp: 22824

Ion	Ratio	Lower	Upper
196	100		
198	102.4	81.8	122.6
200	33.5	25.7	38.5



Instrument :
BNA_F
ClientSampleId :
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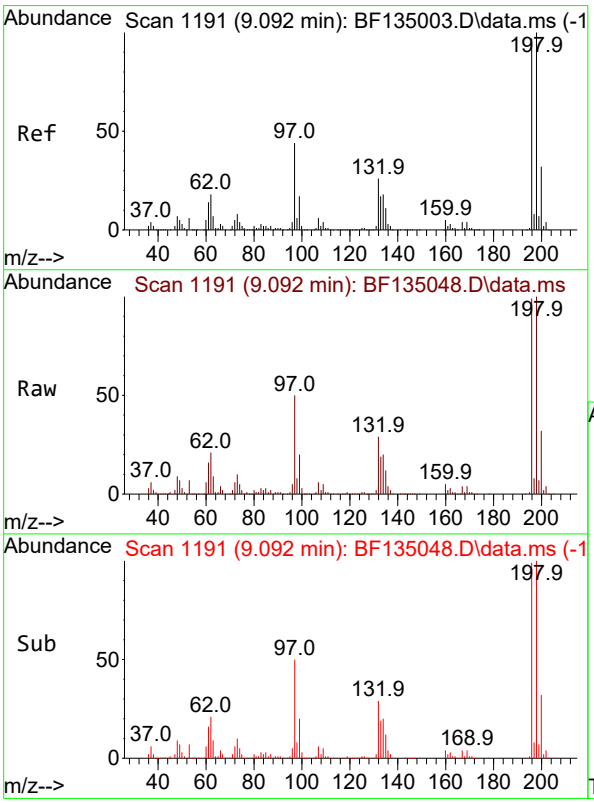
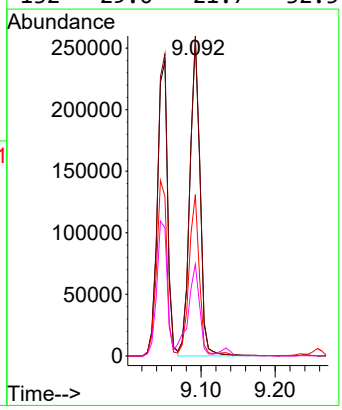
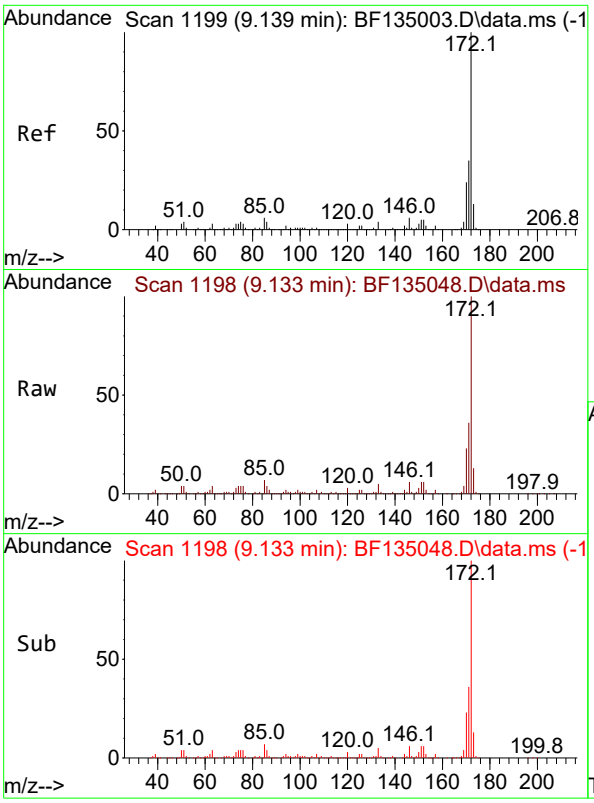


#44
2,4,5-Trichlorophenol
Concen: 44.888 ng
RT: 9.092 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:196 Resp: 246194

Ion	Ratio	Lower	Upper
196	100		
198	101.1	82.8	124.2
97	51.0	36.5	54.7
132	29.0	21.7	32.5

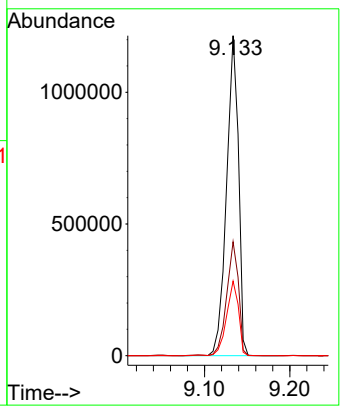




#45
2-Fluorobiphenyl
Concen: 76.260 ng
RT: 9.133 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:172 Resp: 118029

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.2
170	23.3	19.0	28.4



Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MS

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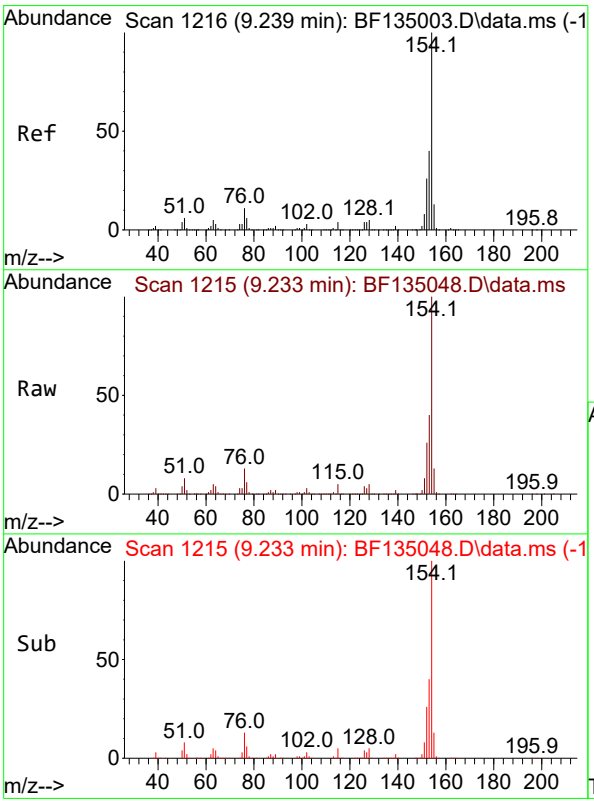
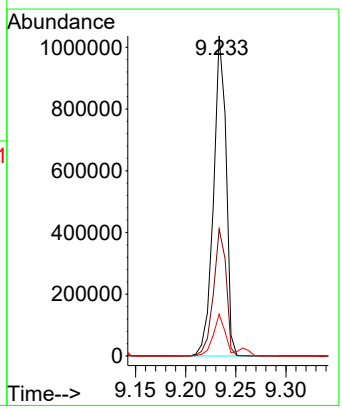
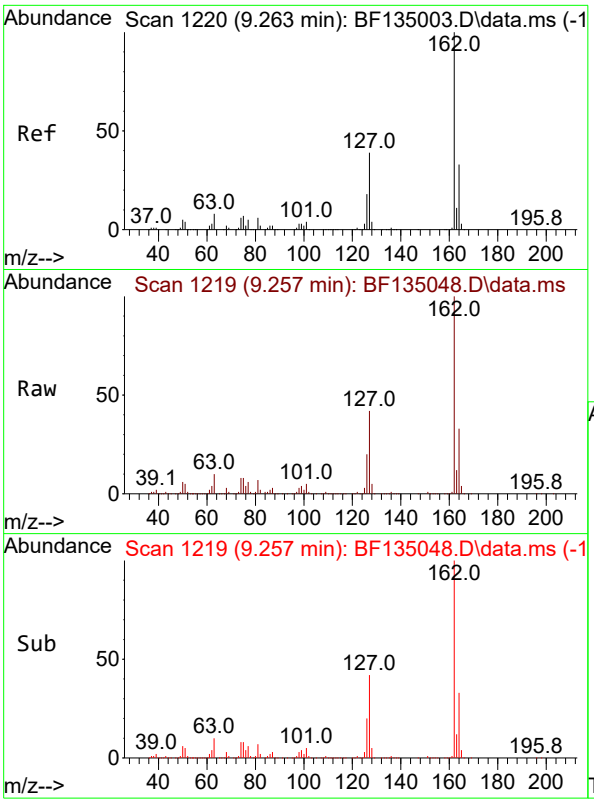


#46
1,1'-Biphenyl
Concen: 46.912 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:154 Resp: 903167

Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.2	60.2
76	13.1	0.0	31.2

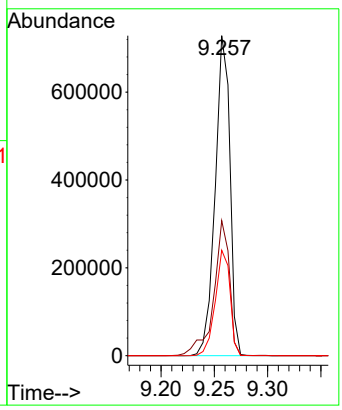




#47
2-Chloronaphthalene
Concen: 48.453 ng
RT: 9.257 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:162 Resp: 70147

Ion	Ratio	Lower	Upper
162	100		
127	42.2	31.8	47.6
164	32.9	26.6	39.8



Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MS

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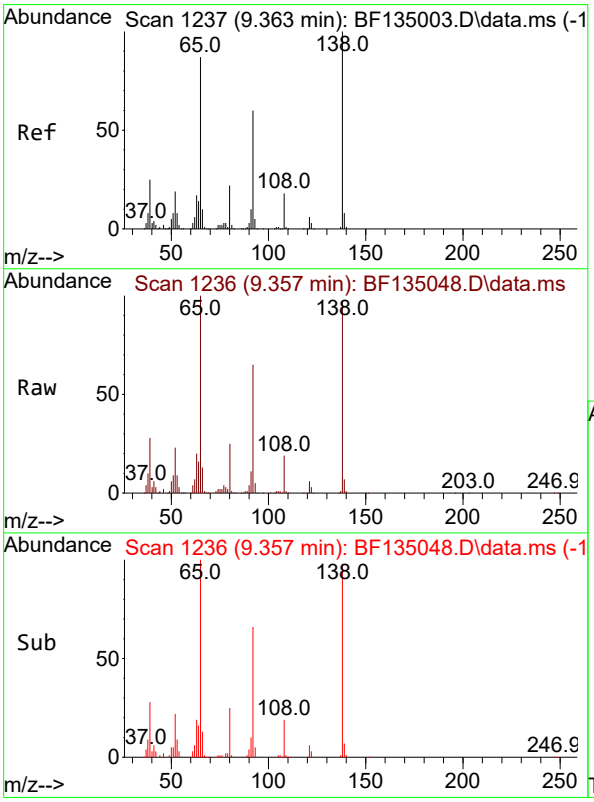
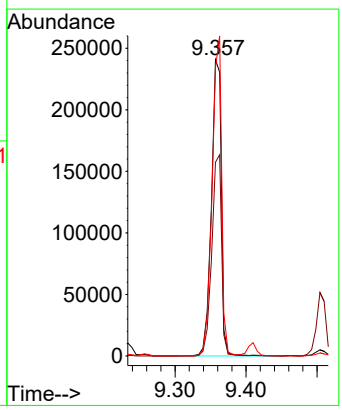
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

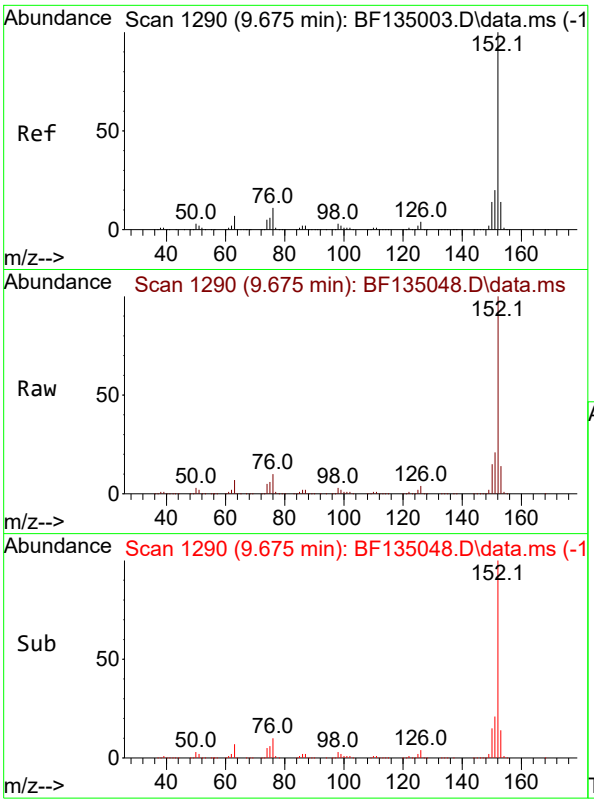


#48
2-Nitroaniline
Concen: 47.316 ng
RT: 9.357 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion: 65 Resp: 234495

Ion	Ratio	Lower	Upper
65	100		
92	65.4	54.9	82.3
138	97.3	91.6	137.4

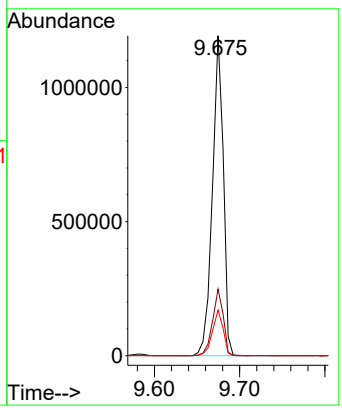




#49
Acenaphthylene
Concen: 48.518 ng
RT: 9.675 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:152 Resp: 106182

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.2	24.4
153	14.2	11.4	17.0



Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MS

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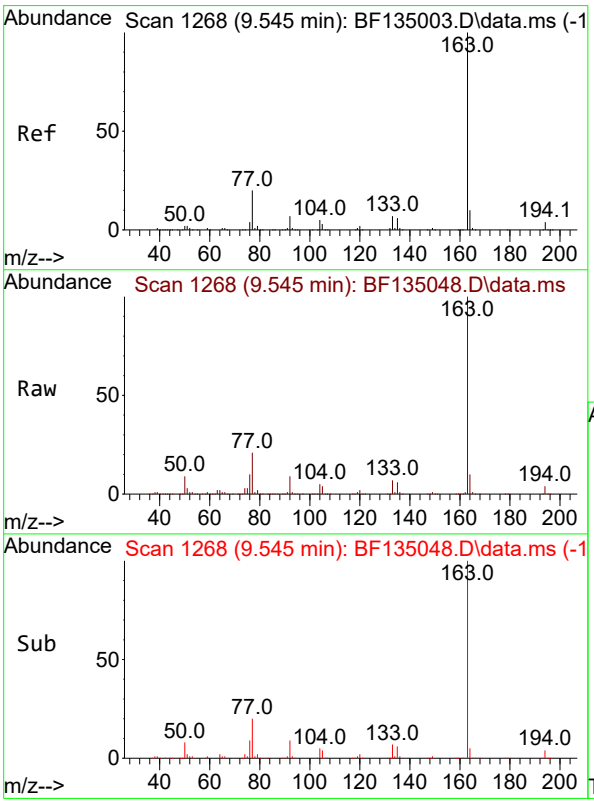
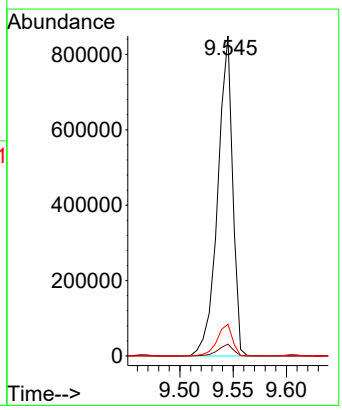
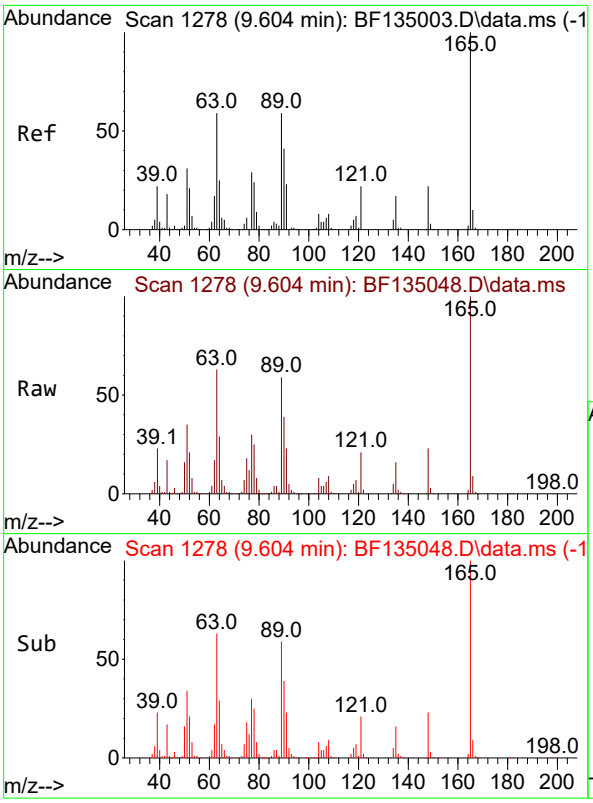


#50
Dimethylphthalate
Concen: 46.797 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:163 Resp: 825691

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	9.9	8.1	12.1

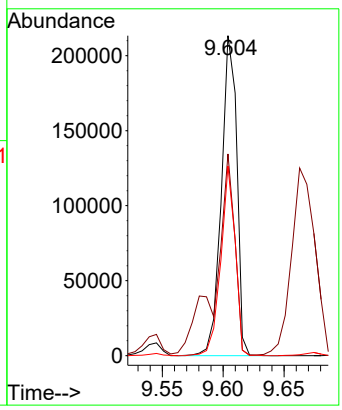




#51
2,6-Dinitrotoluene
Concen: 48.621 ng
RT: 9.604 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:165 Resp: 18824

Ion	Ratio	Lower	Upper
165	100		
63	63.0	50.4	75.6
89	59.3	47.1	70.7



Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MS

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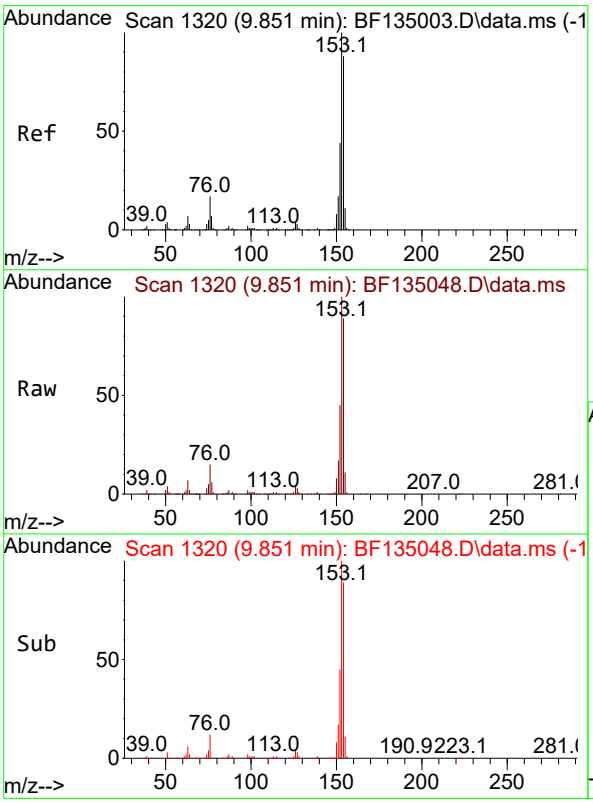
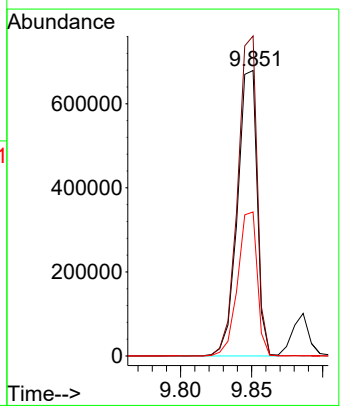
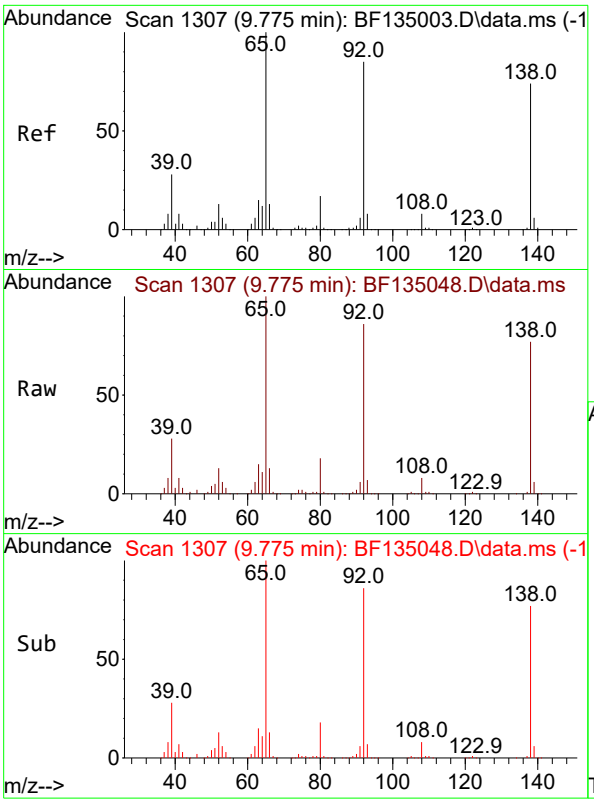


#52
Acenaphthene
Concen: 47.152 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:154 Resp: 657618

Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.8	136.2
152	50.5	40.2	60.4





#53
3-Nitroaniline
Concen: 36.990 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:138 Resp: 16682

Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.6	13.0
92	111.1	92.2	138.4

Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MS

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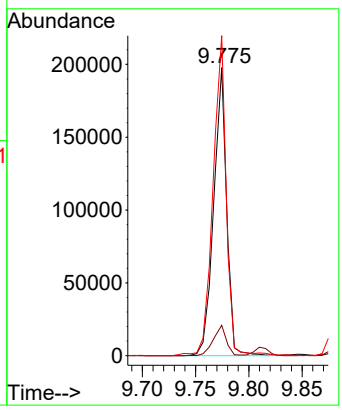
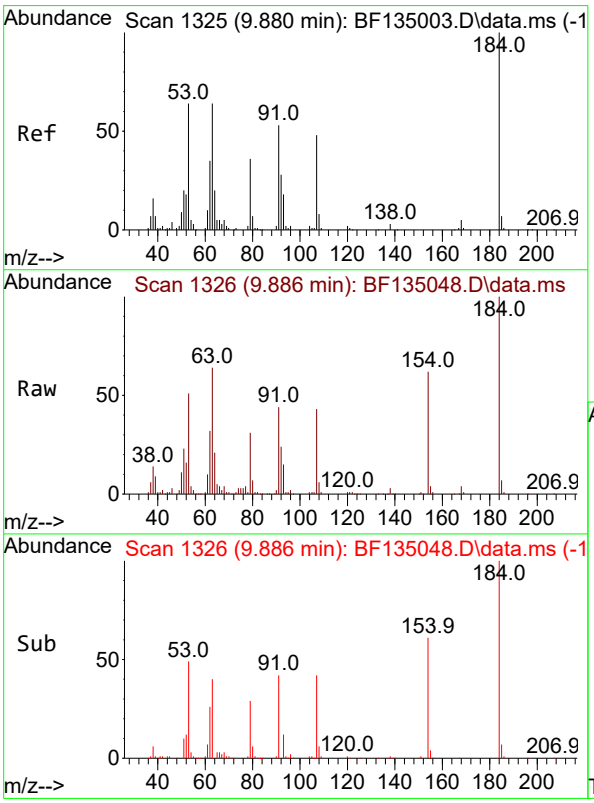
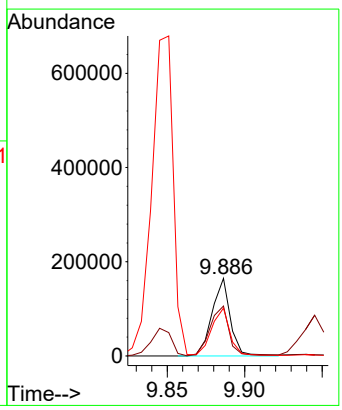


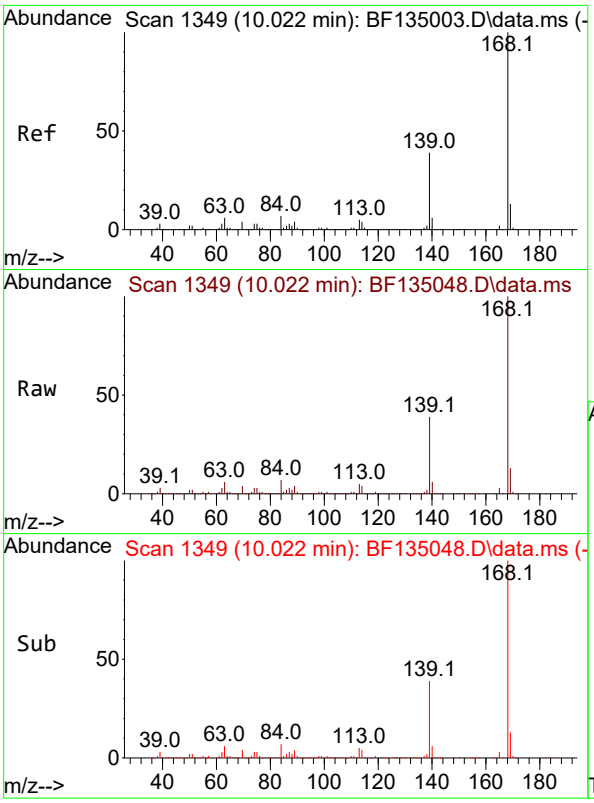


#54
2,4-Dinitrophenol
Concen: 73.196 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.006 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:184 Resp: 135439

Ion	Ratio	Lower	Upper
184	100		
63	64.4	62.2	93.2
154	61.6	52.3	78.5

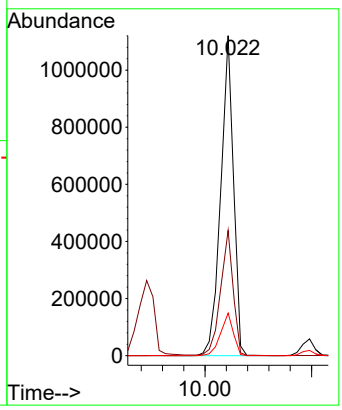




#55
Dibenzofuran
Concen: 46.189 ng
RT: 10.022 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:168 Resp: 92927

Ion	Ratio	Lower	Upper
168	100		
139	39.2	31.5	47.3
169	13.3	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MS

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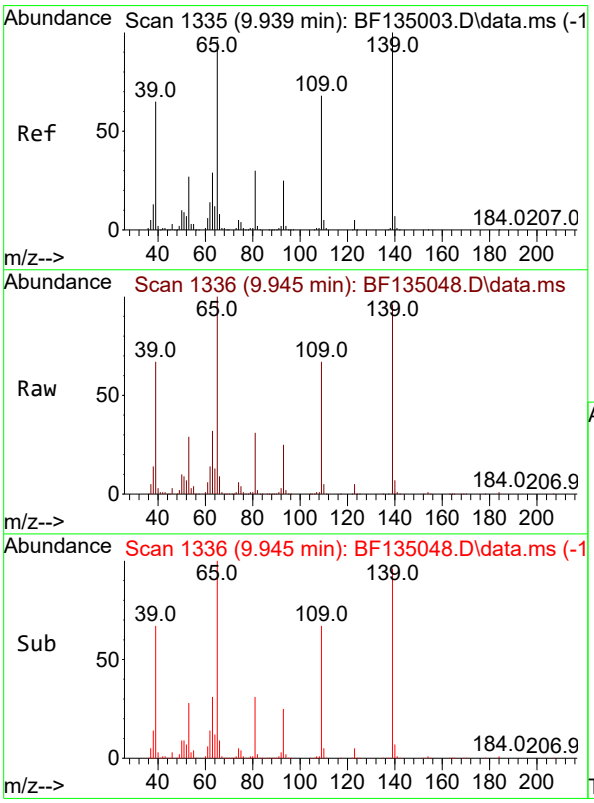
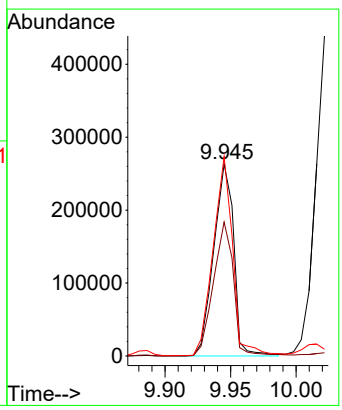
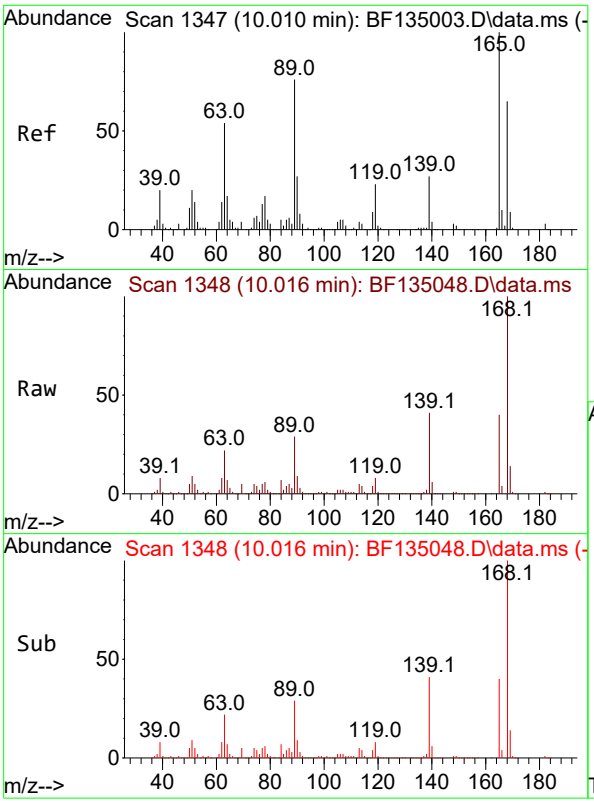


#56
4-Nitrophenol
Concen: 88.091 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:139 Resp: 279265

Ion	Ratio	Lower	Upper
139	100		
109	69.7	47.7	87.7
65	103.8	75.9	115.9

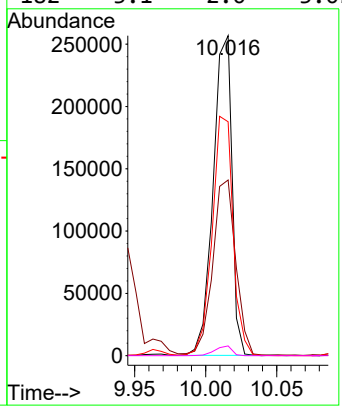




#57
2,4-Dinitrotoluene
Concen: 48.809 ng
RT: 10.016 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:165 Resp: 23549

Ion	Ratio	Lower	Upper
165	100		
63	54.9	43.2	64.8
89	73.1	60.8	91.2
182	3.1	2.0	3.0#



Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MS

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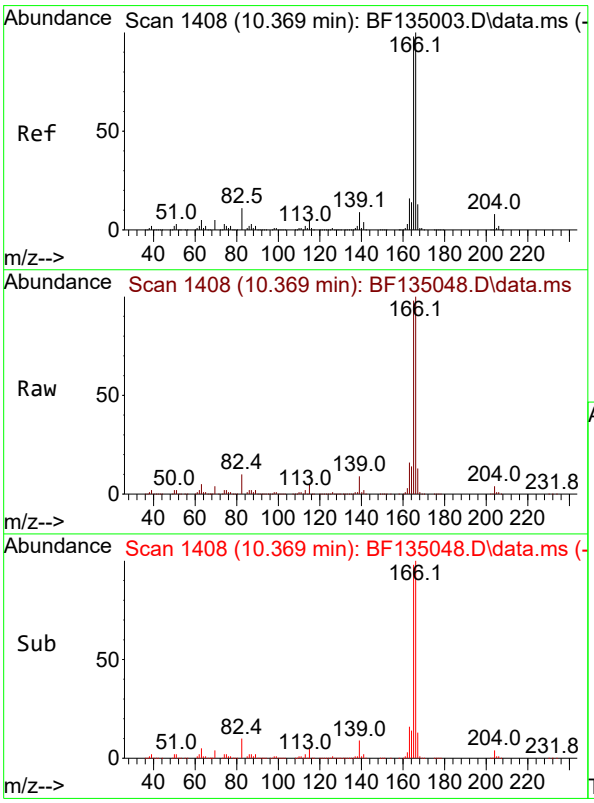
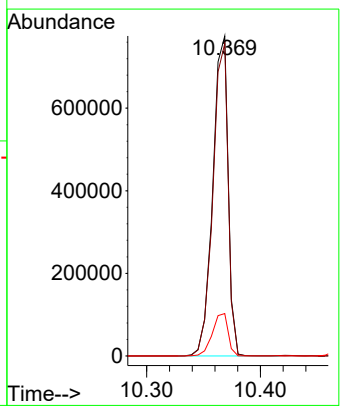
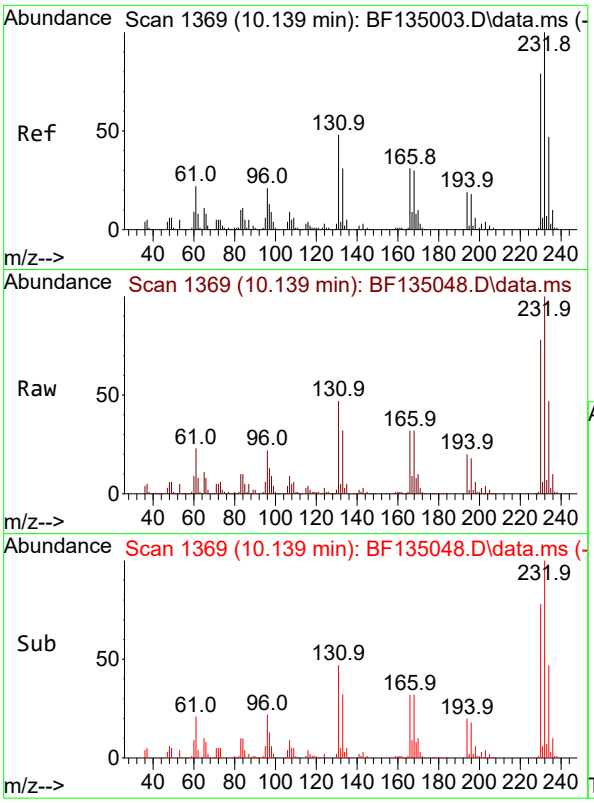


#58
Fluorene
Concen: 47.457 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:166 Resp: 727888

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.0	117.0
167	13.2	10.8	16.2

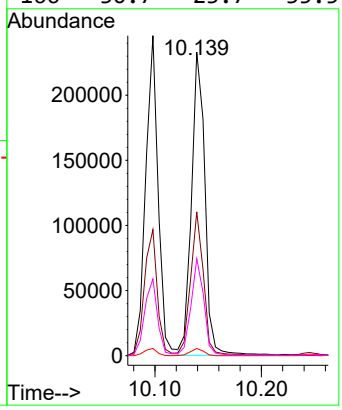




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.404 ng
RT: 10.139 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:232 Resp: 20442

Ion	Ratio	Lower	Upper
232	100		
131	45.9	35.3	52.9
130	2.3	1.7	2.5
166	30.7	23.7	35.5



Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MS

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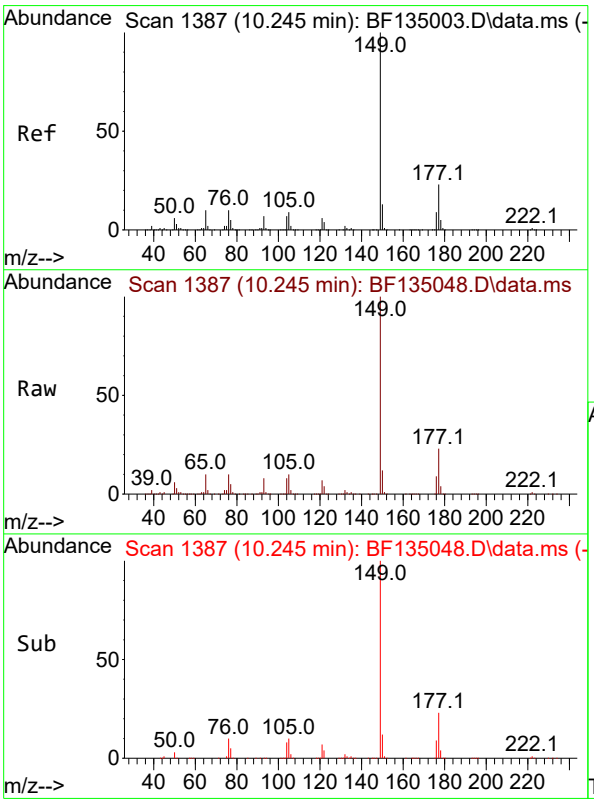
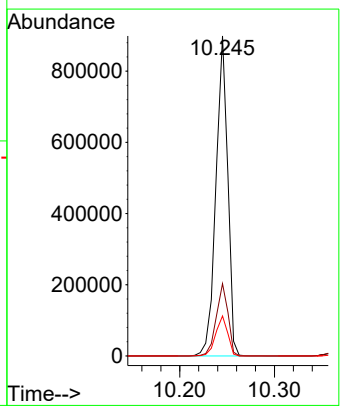
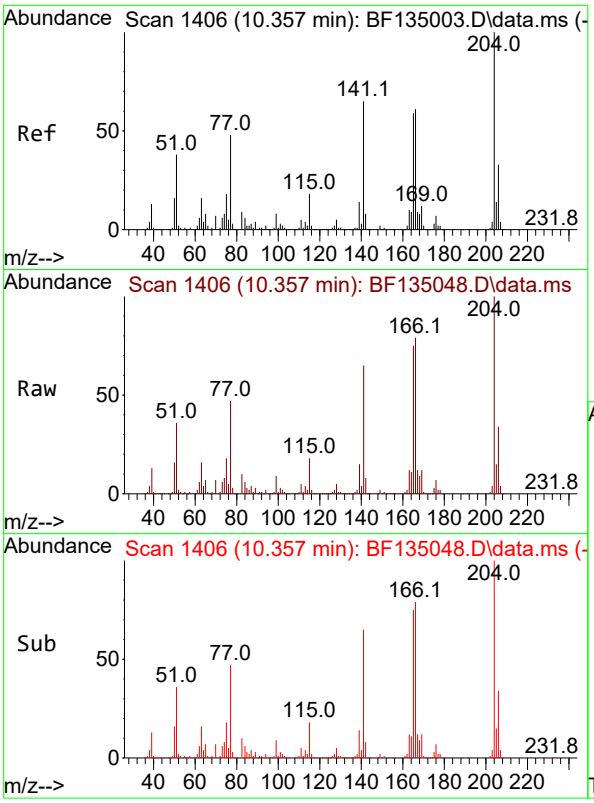


#60
Diethylphthalate
Concen: 47.035 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:149 Resp: 781210

Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.5	27.7
150	12.5	10.1	15.1

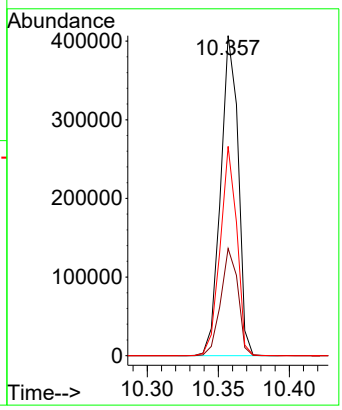




#61
4-Chlorophenyl-phenylether
Concen: 45.960 ng
RT: 10.357 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:204 Resp: 34868

Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.3	39.5
141	65.4	51.8	77.6



Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MS

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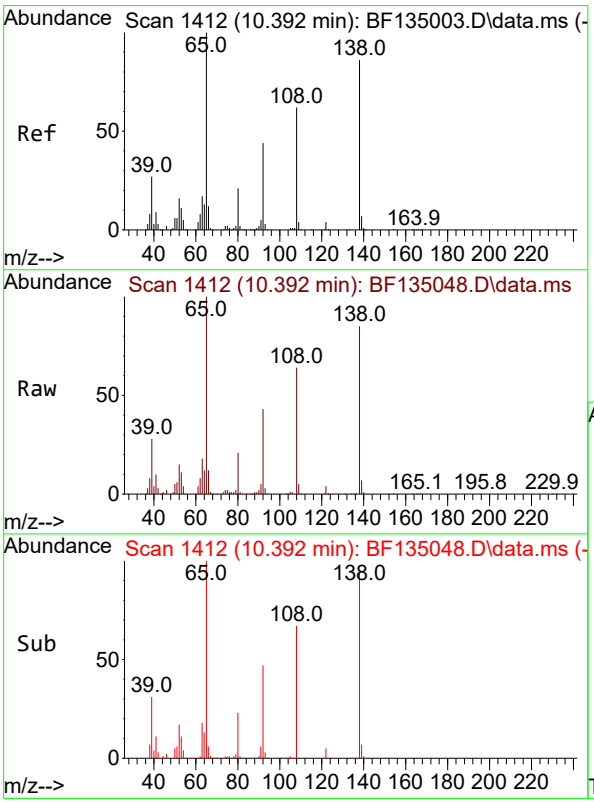
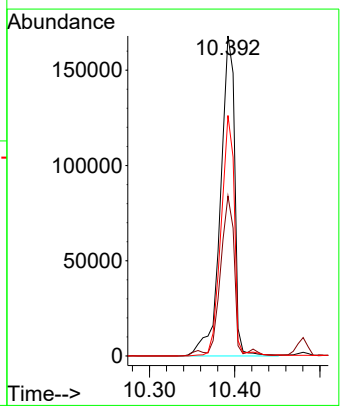
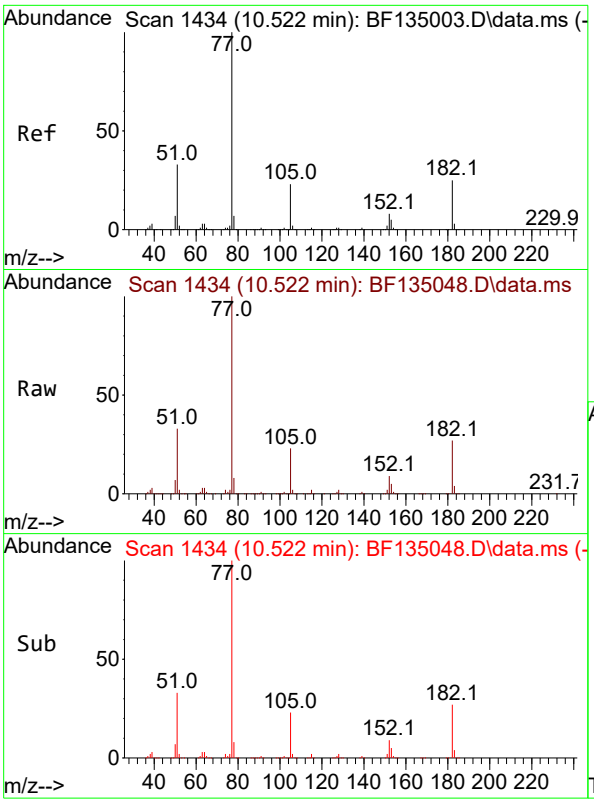


#62
4-Nitroaniline
Concen: 44.235 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:138 Resp: 195203

Ion	Ratio	Lower	Upper
138	100		
92	50.0	30.7	70.7
108	75.1	51.7	91.7

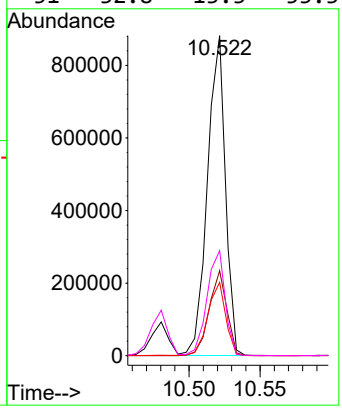




#63
Azobenzene
Concen: 46.307 ng
RT: 10.522 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion: 77 Resp: 77444

Ion	Ratio	Lower	Upper
77	100		
182	26.6	4.9	44.9
105	22.9	2.7	42.7
51	32.8	13.3	53.3



Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MS

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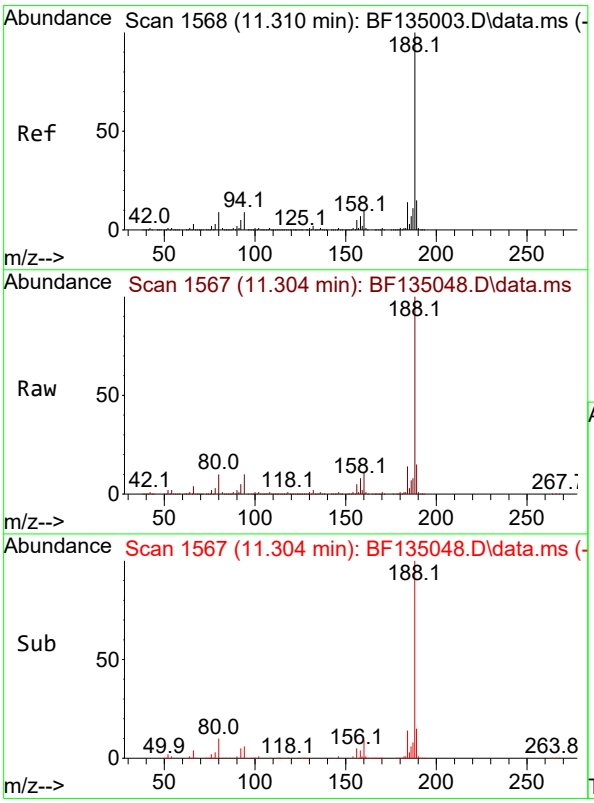
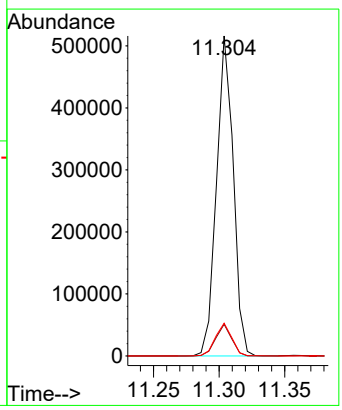
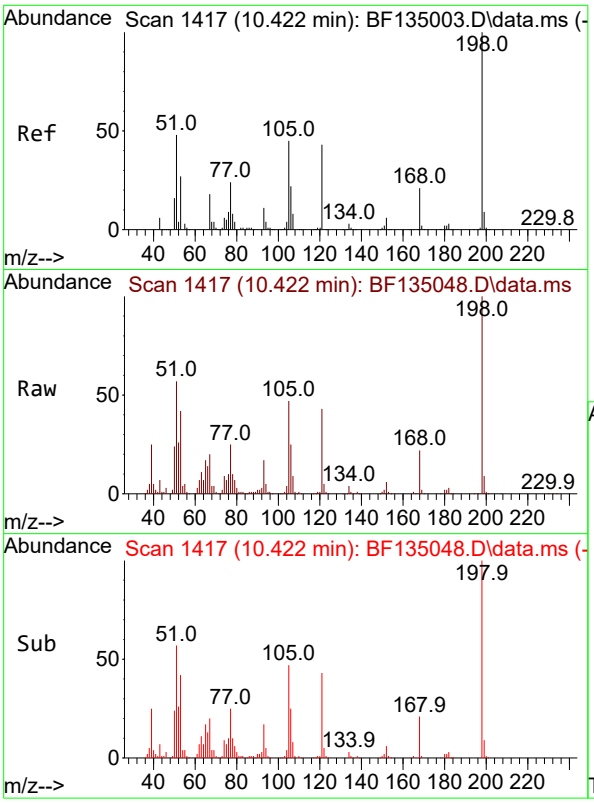


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:188 Resp: 457912

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.0	10.4
80	10.3	7.4	11.2

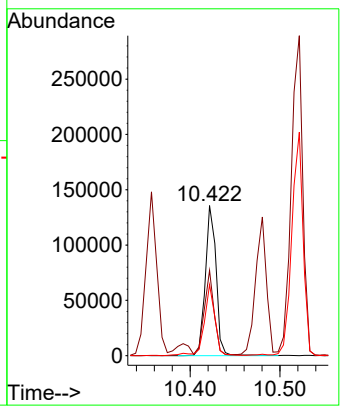




#65
4,6-Dinitro-2-methylphenol
Concen: 40.918 ng
RT: 10.422 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:198 Resp: 11339

Ion	Ratio	Lower	Upper
198	100		
51	56.9	35.7	75.7
105	47.4	25.9	65.9



Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MS

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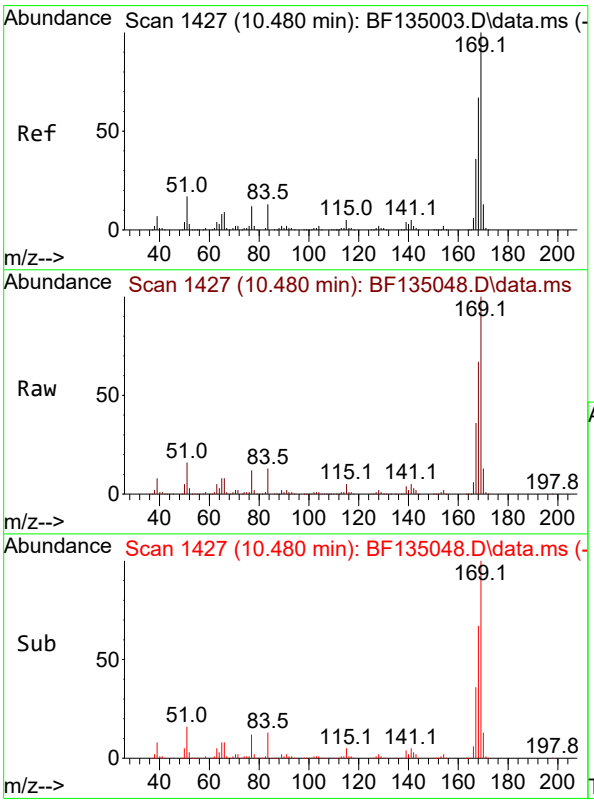
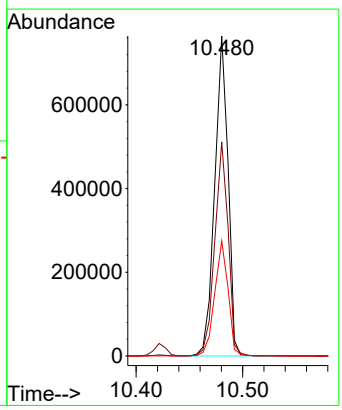
Supervised By :mohammad ahmed 09/01/2023

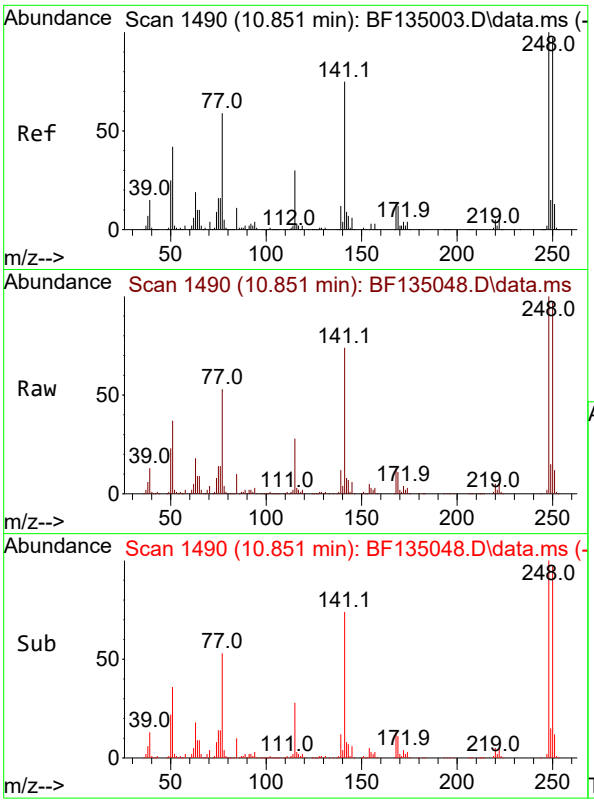


#66
n-Nitrosodiphenylamine
Concen: 46.631 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:169 Resp: 663927

Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.4	80.0
167	36.0	29.0	43.4





#67
4-Bromophenyl-phenylether
Concen: 46.306 ng
RT: 10.851 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:248 Resp: 22490

Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.9	116.9
141	74.2	59.8	89.8

Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MS

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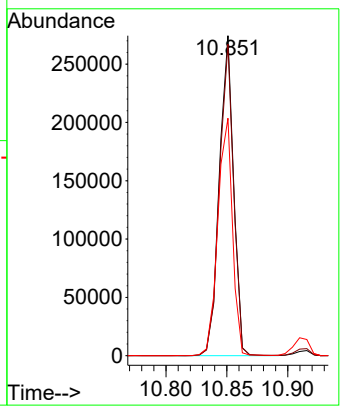
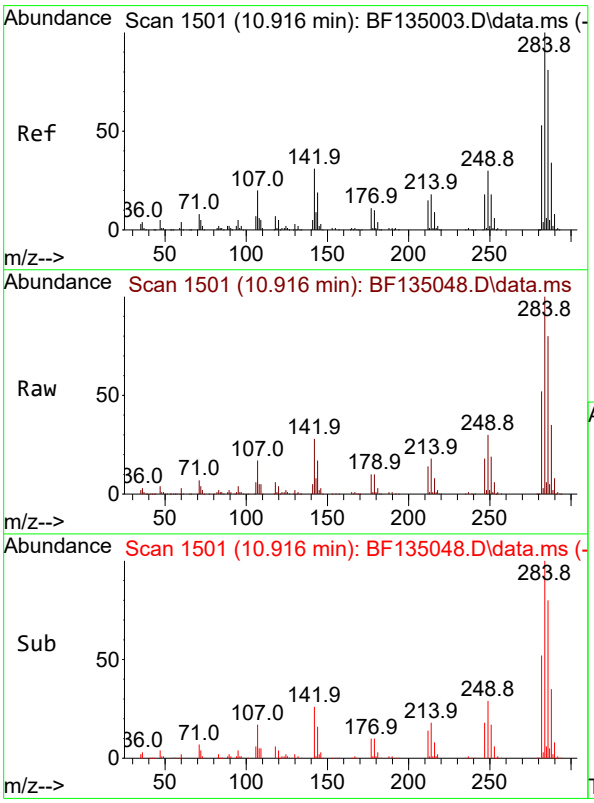
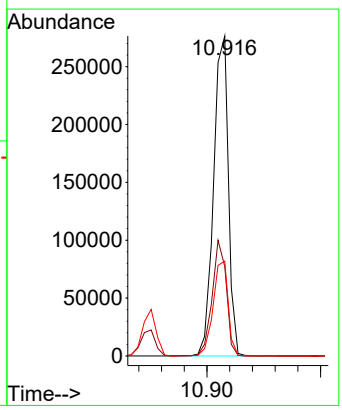


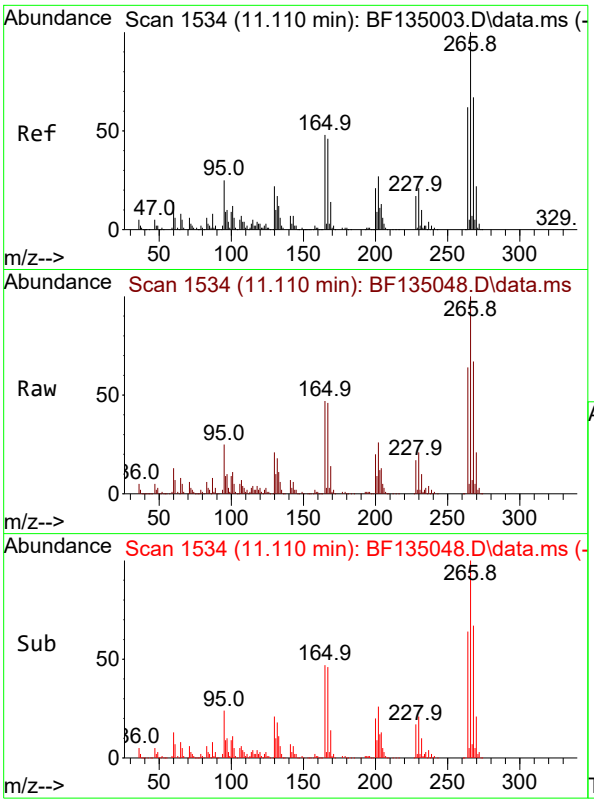


#68
Hexachlorobenzene
Concen: 49.687 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:284 Resp: 249532

Ion	Ratio	Lower	Upper
284	100		
142	28.0	25.1	37.7
249	29.7	24.1	36.1

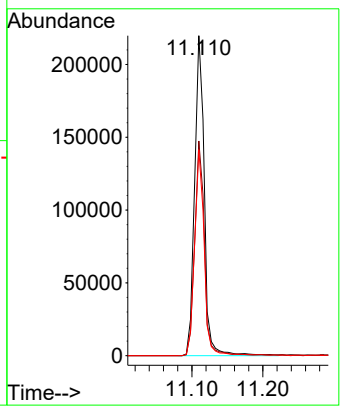




#70
Pentachlorophenol
Concen: 68.748 ng
RT: 11.110 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:266 Resp: 20887

Ion	Ratio	Lower	Upper
266	100		
268	67.1	53.3	79.9
264	64.4	49.3	73.9



Instrument :
BNA_F
ClientSampleId :
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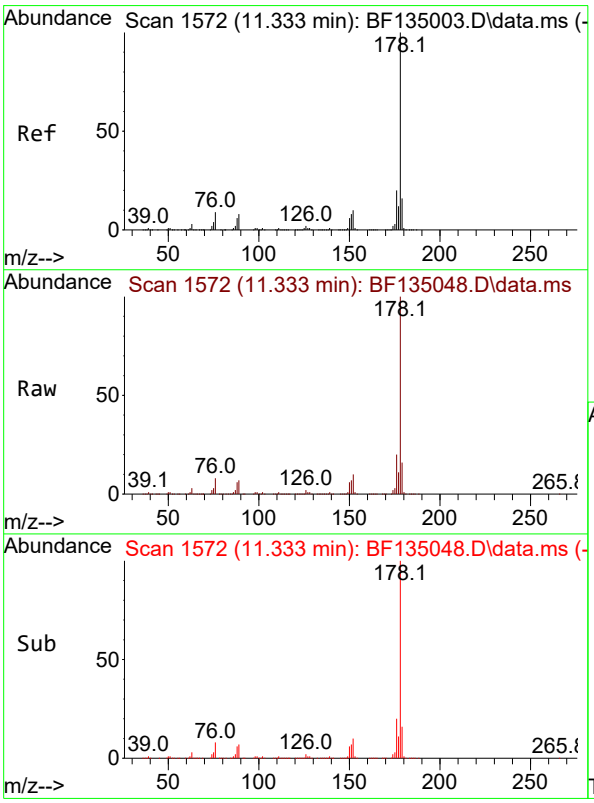
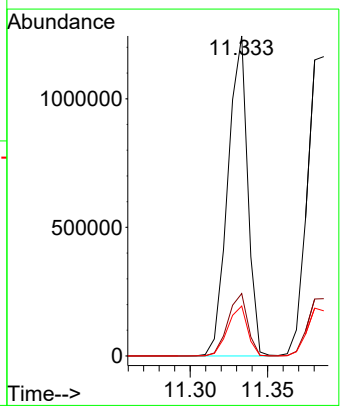
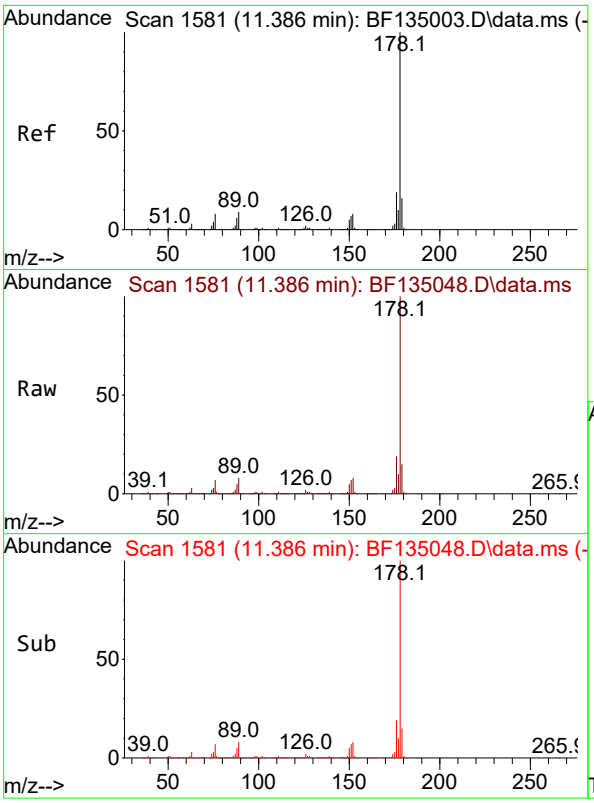


#71
Phenanthrene
Concen: 46.823 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:178 Resp: 1106149

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.6	12.5	18.7





#72
Anthracene
Concen: 46.463 ng
RT: 11.386 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:178 Resp: 112146

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.1	12.8	19.2

Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MS

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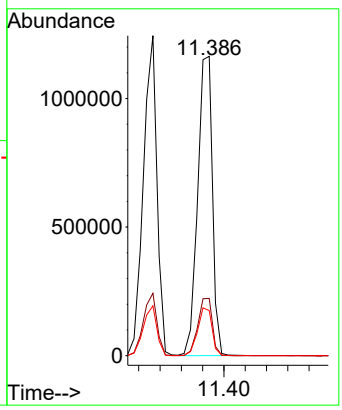
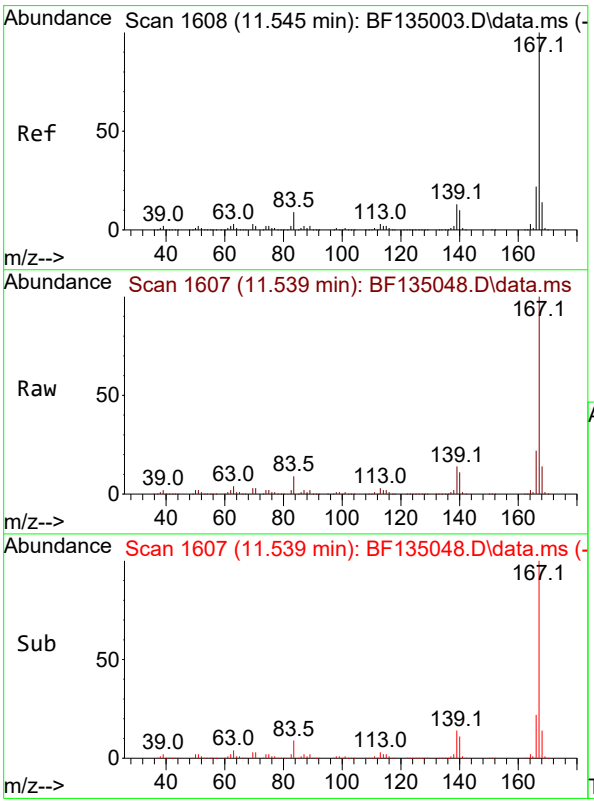
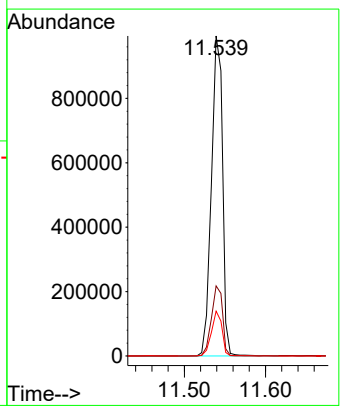


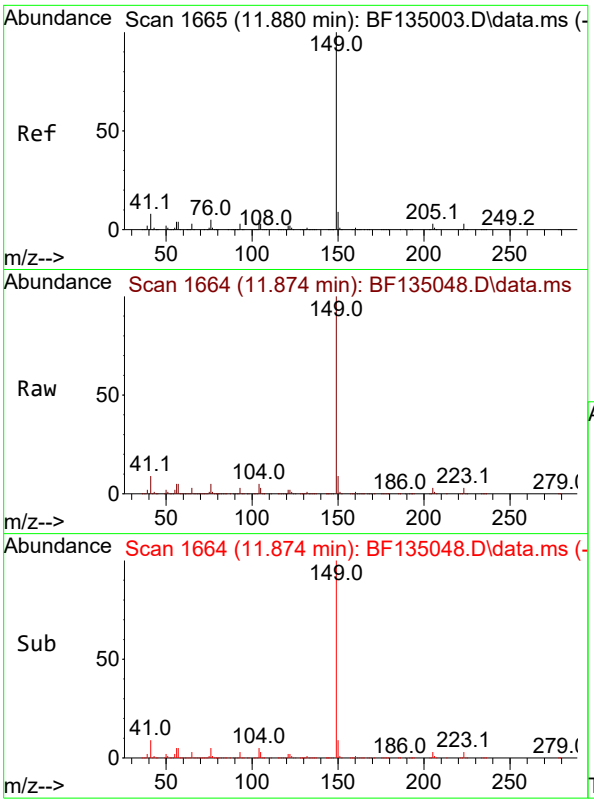


#73
Carbazole
Concen: 45.347 ng
RT: 11.539 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:167 Resp: 944041

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.2
139	14.0	10.3	15.5

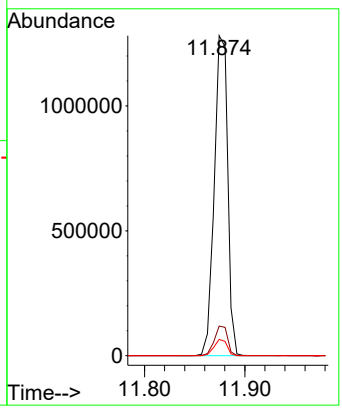




#74
Di-n-butylphthalate
Concen: 47.446 ng
RT: 11.874 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:149 Resp: 119069

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	5.1	4.0	6.0



Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MS

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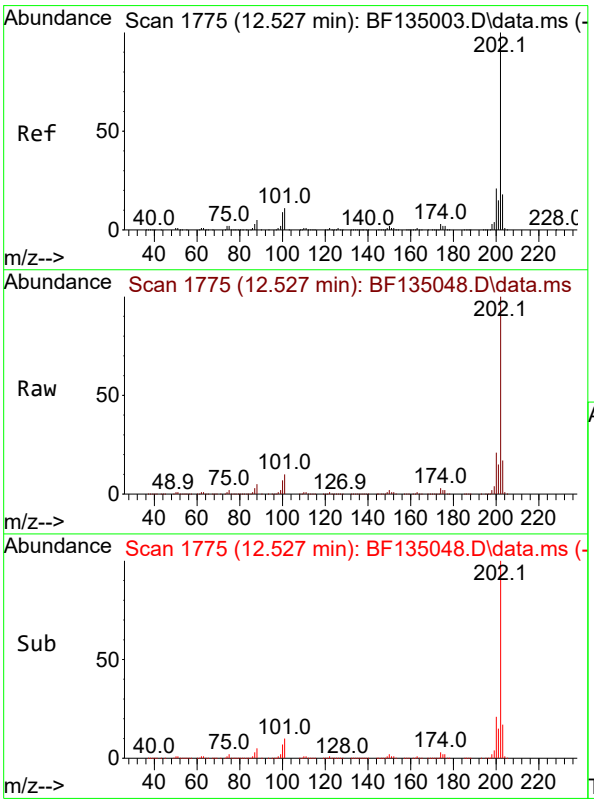
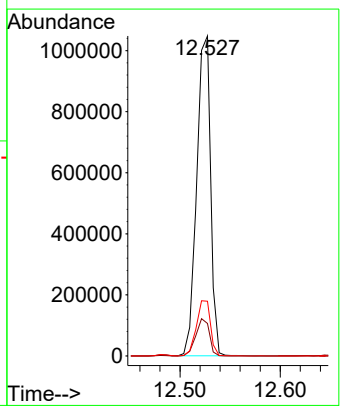
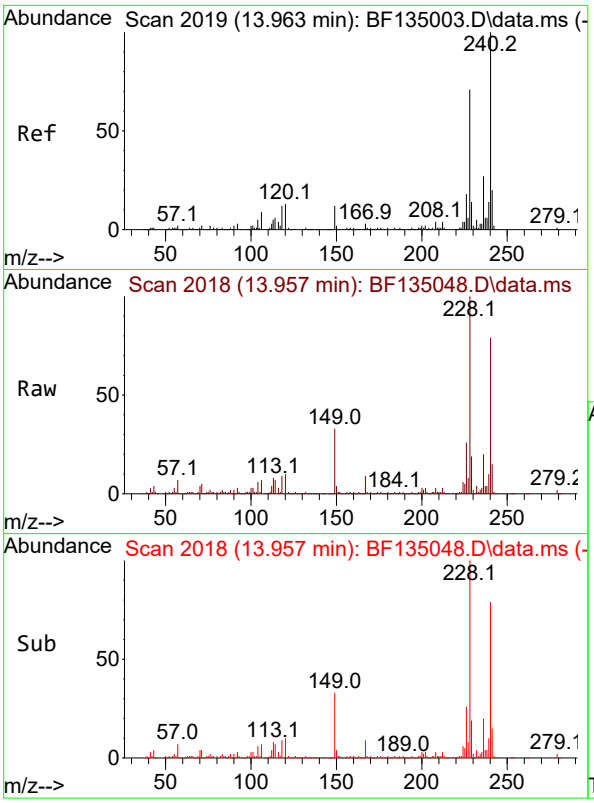


#75
Fluoranthene
Concen: 42.347 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:202 Resp: 1011466

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.5
203	17.1	0.0	37.8

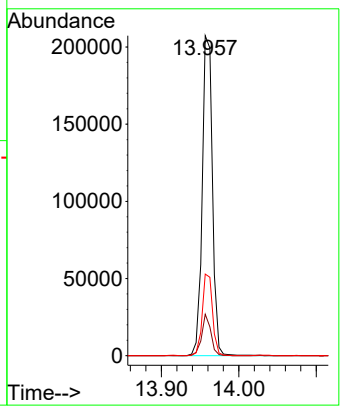




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:240 Resp: 18970

Ion	Ratio	Lower	Upper
240	100		
120	13.0	10.2	15.2
236	25.5	21.3	31.9



Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MS

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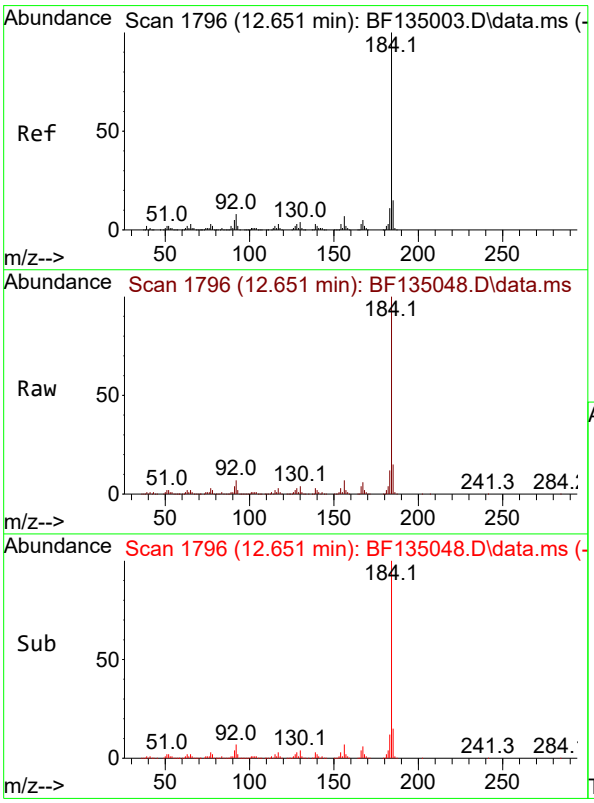
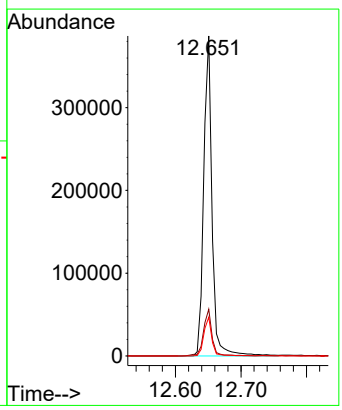
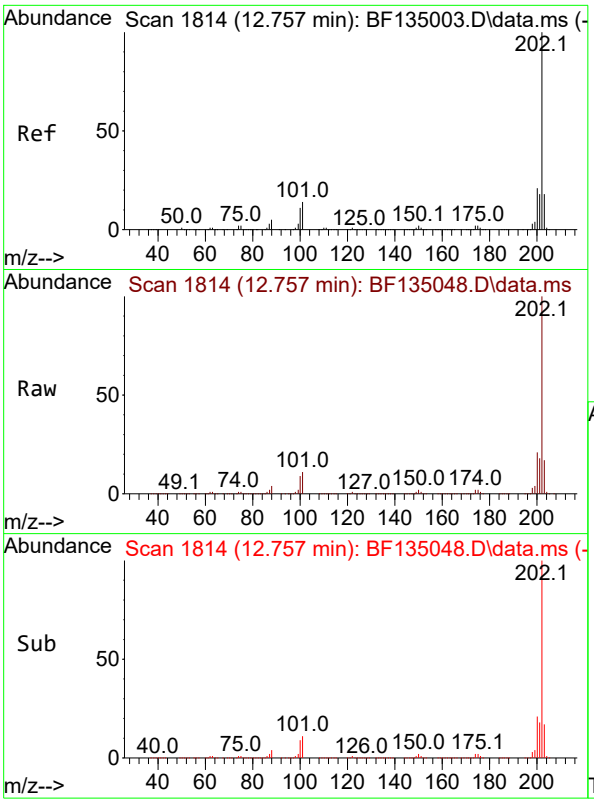


#77
Benzidine
Concen: 99.937 ng
RT: 12.651 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:184 Resp: 341754

Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.0	18.0
183	12.1	9.0	13.6

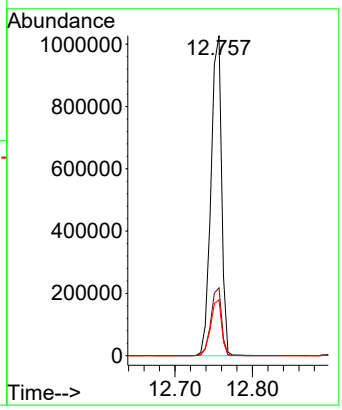




#78
Pyrene
Concen: 54.418 ng
RT: 12.757 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:202 Resp: 98015

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.6
203	17.4	14.2	21.2



Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MS

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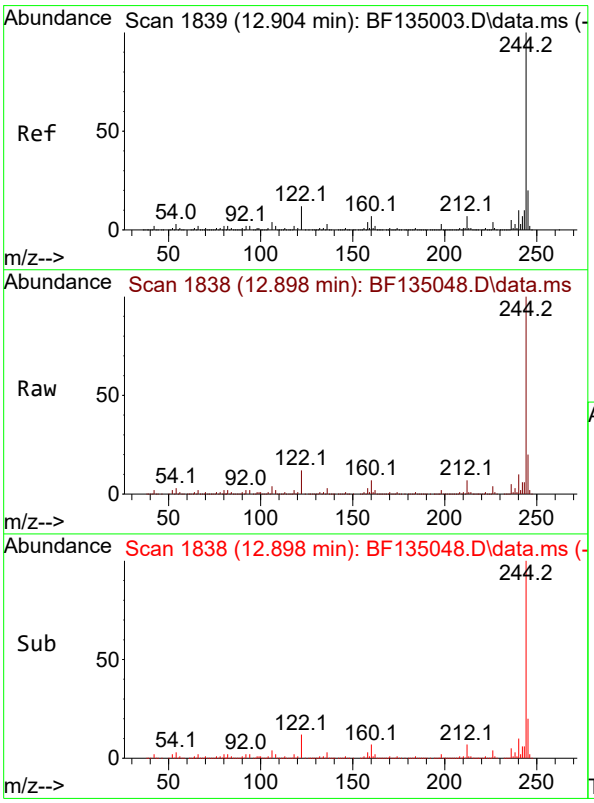
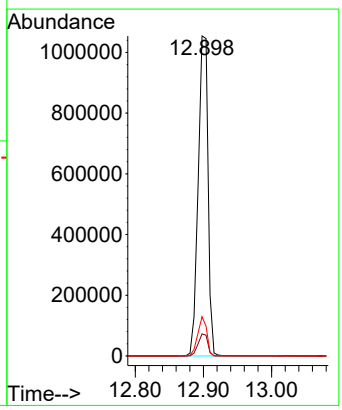
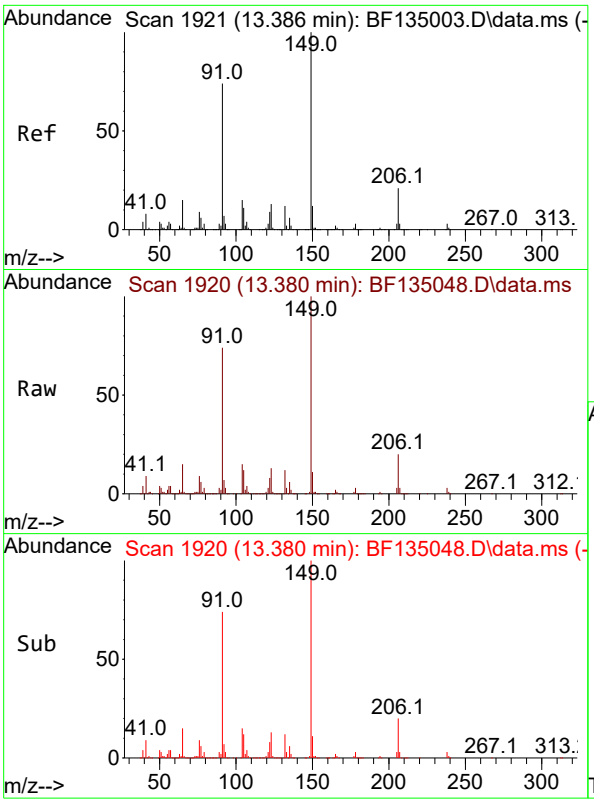


#79
Terphenyl-d14
Concen: 91.665 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:244 Resp: 1065582

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	12.3	9.8	14.6

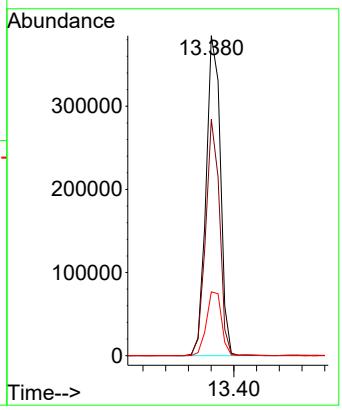




#80
Butylbenzylphthalate
Concen: 51.937 ng
RT: 13.380 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:149 Resp: 33794

Ion	Ratio	Lower	Upper
149	100		
91	73.9	59.0	88.6
206	20.0	16.7	25.1



Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MS

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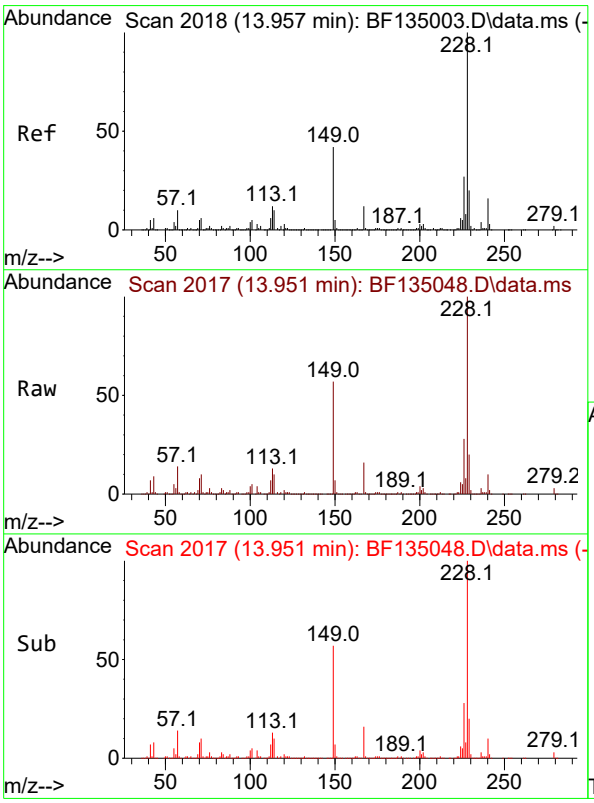
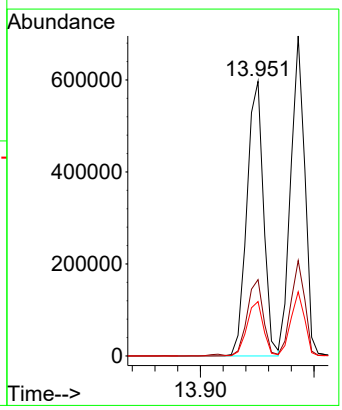
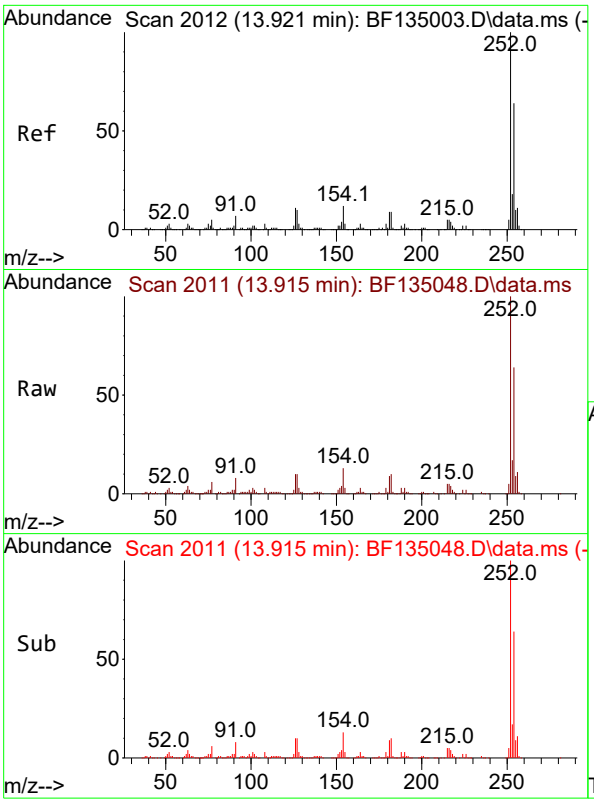


#81
Benzo(a)anthracene
Concen: 46.977 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:228 Resp: 607898

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.6	32.4
229	19.8	15.6	23.4

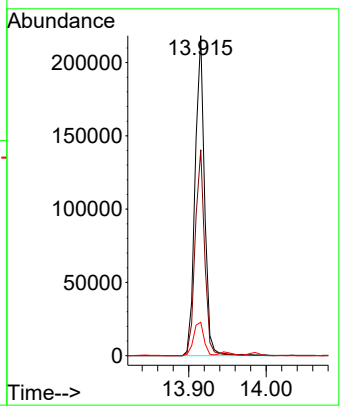




#82
3,3'-Dichlorobenzidine
Concen: 47.597 ng
RT: 13.915 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:252 Resp: 18585

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.3	76.9
126	10.5	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MS

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Reviewed By :Yogesh Patel 09/01/2023
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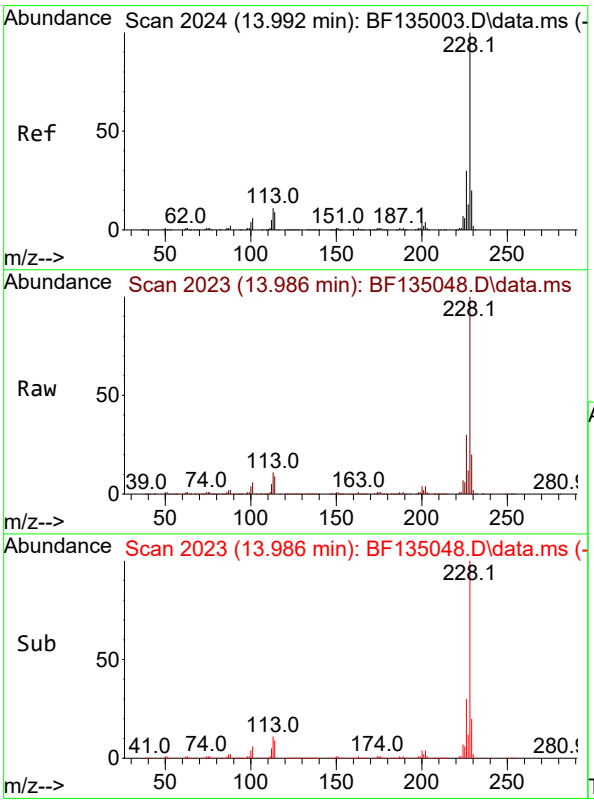
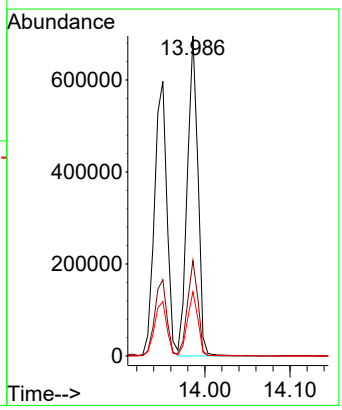
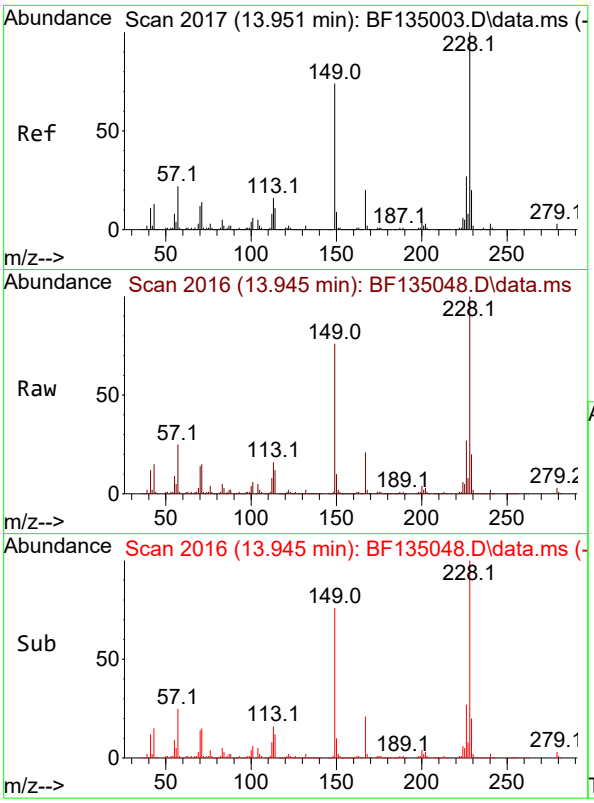


#83
Chrysene
Concen: 47.027 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:228 Resp: 598063

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.4
229	20.0	15.9	23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 54.992 ng
RT: 13.945 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:149 Resp: 370309

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.4	32.0
279	3.7	3.0	4.6

Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MS

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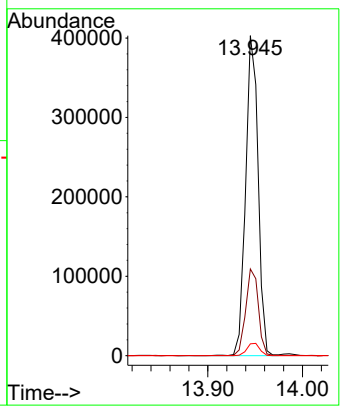
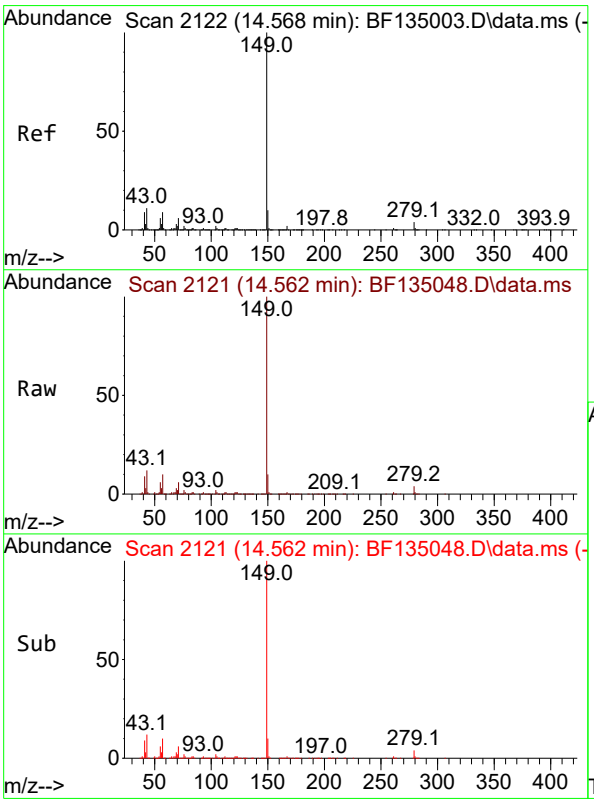
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

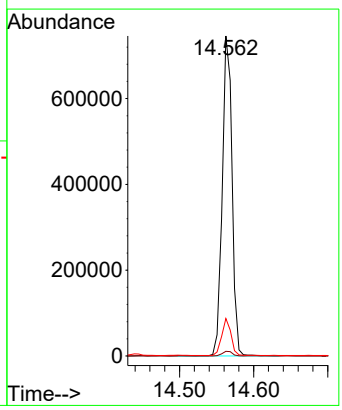


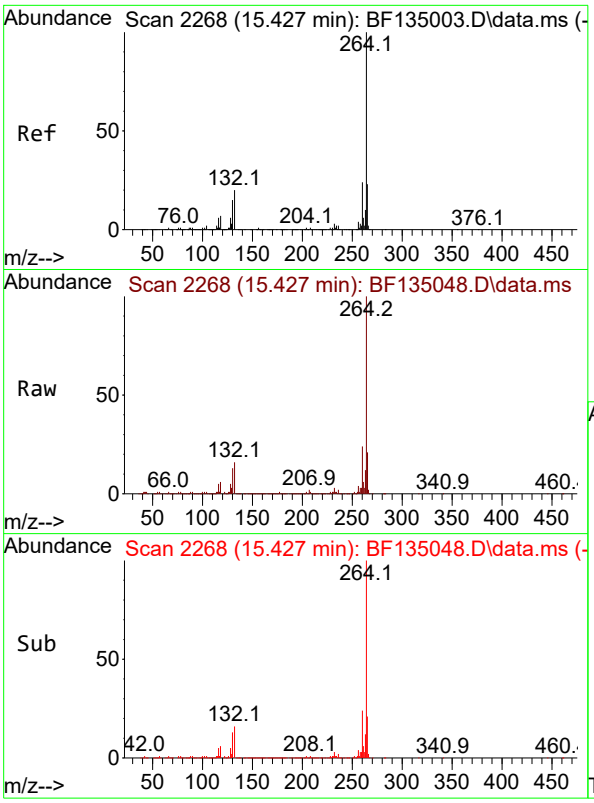


#85
Di-n-octyl phthalate
Concen: 66.788 ng
RT: 14.562 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:149 Resp: 686466

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	11.0	9.3	13.9

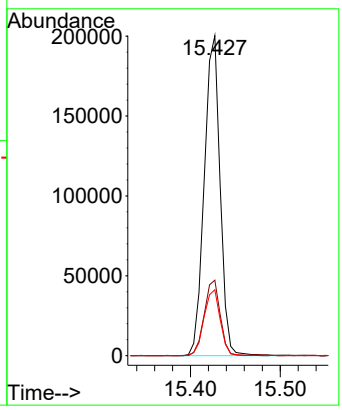




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:264 Resp: 24569

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	20.6	18.2	27.2



Instrument :
BNA_F
ClientSampleId :
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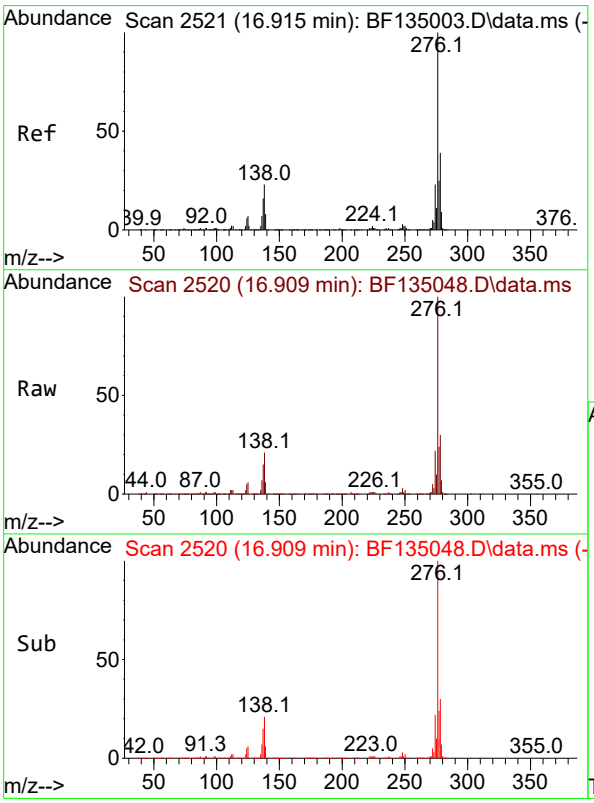
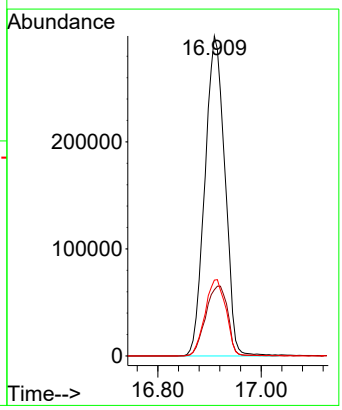
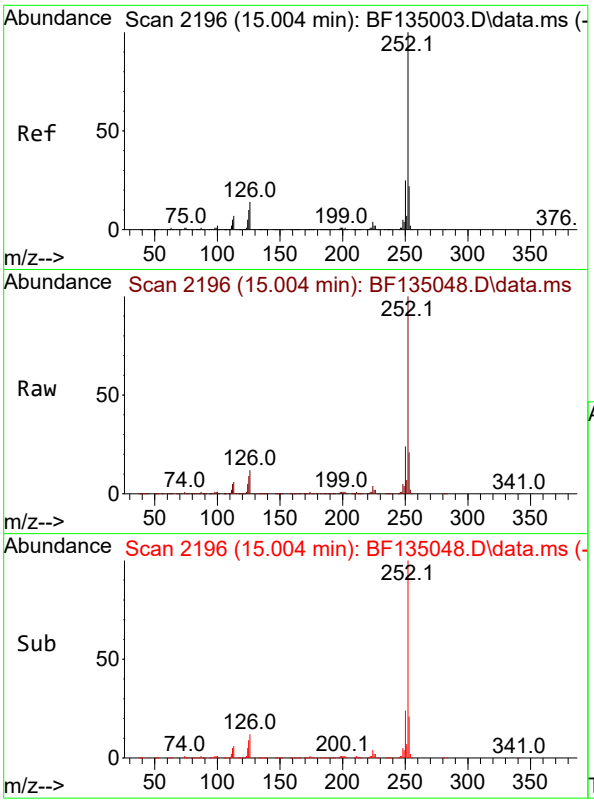


#87
Indeno(1,2,3-cd)pyrene
Concen: 48.457 ng
RT: 16.909 min Scan# 2520
Delta R.T. -0.006 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:276 Resp: 801927

Ion	Ratio	Lower	Upper
276	100		
138	24.3	20.2	30.2
277	25.0	20.4	30.6





#88
Benzo(b)fluoranthene
Concen: 47.135 ng
RT: 15.004 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:252 Resp: 72057

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.8	26.8
125	9.0	8.4	12.6

Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MS

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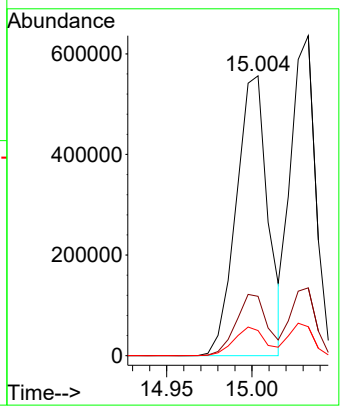
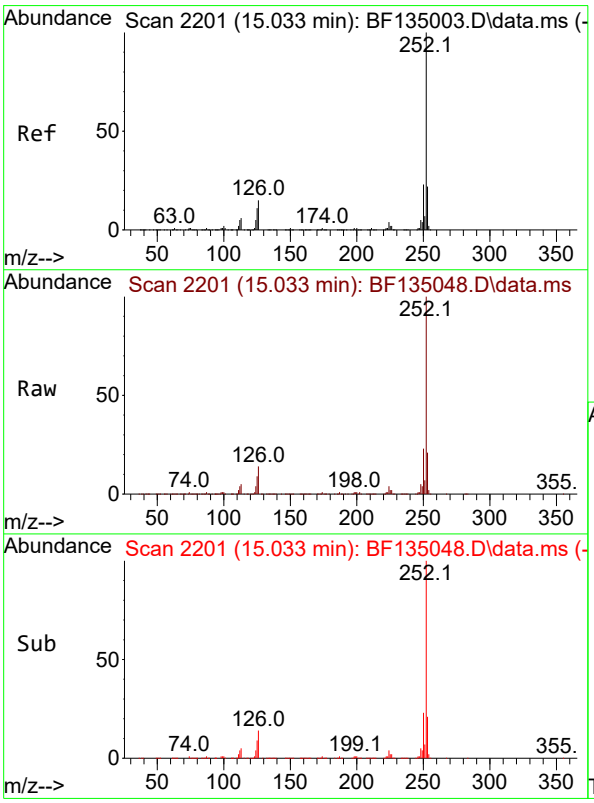
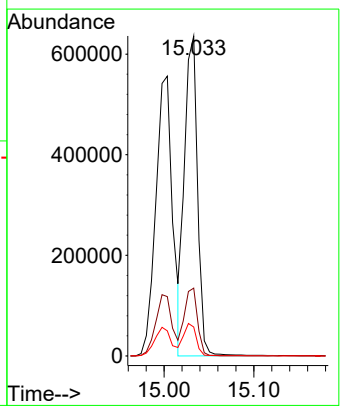


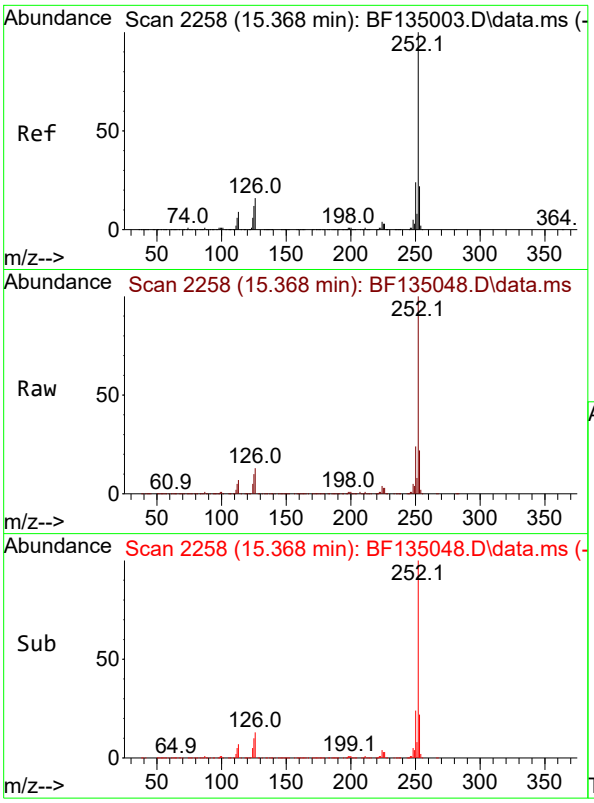


#89
Benzo(k)fluoranthene
Concen: 43.623 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:252 Resp: 644274

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.0
125	9.1	8.5	12.7

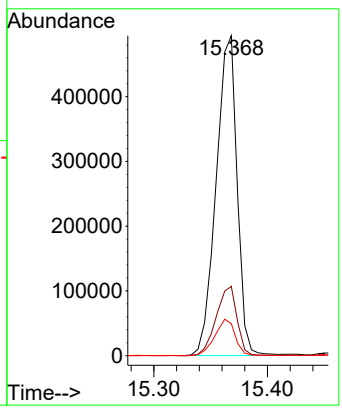




#90
Benzo(a)pyrene
Concen: 44.660 ng
RT: 15.368 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:252 Resp: 63424

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	10.0	9.5	14.3



Instrument :
BNA_F
ClientSampleId :
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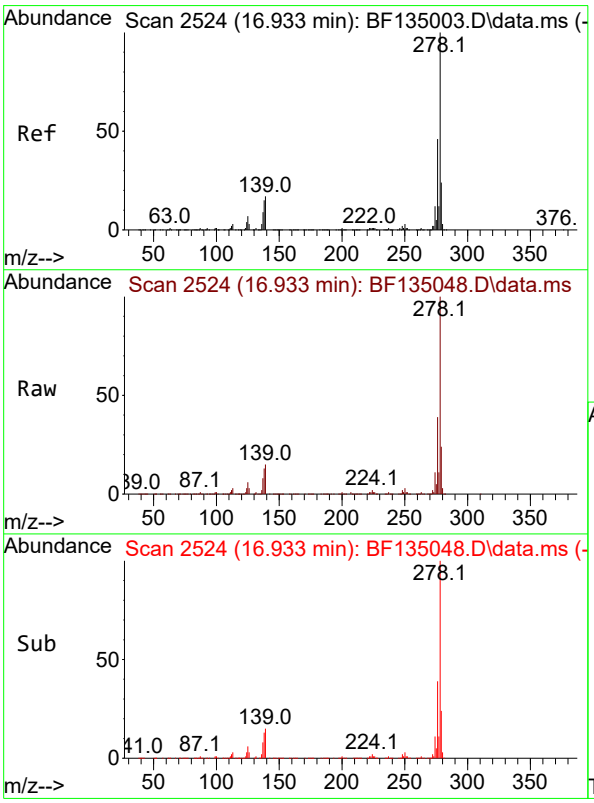
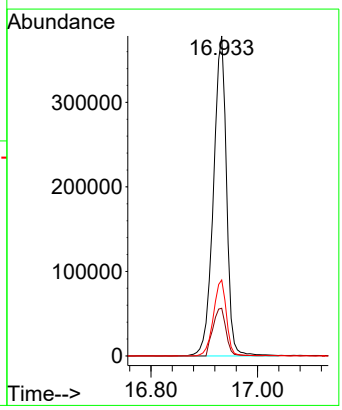
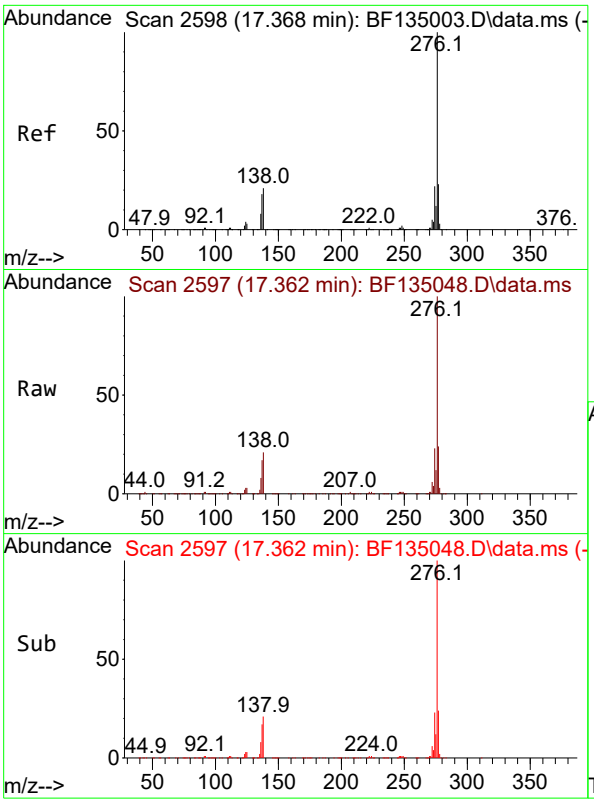


#91
Dibenzo(a,h)anthracene
Concen: 48.147 ng
RT: 16.933 min Scan# 2524
Delta R.T. -0.000 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:278 Resp: 645338

Ion	Ratio	Lower	Upper
278	100		
139	14.9	13.4	20.2
279	23.8	19.5	29.3

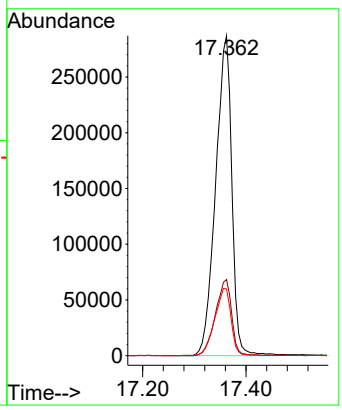




#92
Benzo(g,h,i)perylene
Concen: 44.731 ng
RT: 17.362 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF135048.D
Acq: 31 Aug 2023 18:49

Tgt Ion:276 Resp: 62357

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.5	27.7
138	20.9	17.1	25.7



Instrument :
BNA_F
ClientSampleId :
SB-01(48-50)MS

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