Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
Data File : BF137770.D
Acq On : 30 Apr 2024 14:14
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 01 02:58:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 02:54:23 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/03/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	229654	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	892184	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	492284	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	850921	20.000	ng	0.00
76) Chrysene-d12	14.257	240	509540	20.000	ng	# 0.00
86) Perylene-d12	15.821	264	401526	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	1533396	111.792	ng	0.00
7) Phenol-d6	6.681	99	1945886	111.845	ng	0.00
23) Nitrobenzene-d5	7.628	82	1788360	116.456	ng	0.00
42) 2,4,6-Tribromophenol	10.904	330	592273	117.834	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	3300302	108.764	ng	0.00
79) Terphenyl-d14	13.192	244	3680968	121.066	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.957	88	358796	58.089	ng	100
3) Pyridine	3.734	79	861877	57.655	ng	99
4) n-Nitrosodimethylamine	3.704	42	390879	58.066	ng	95
6) Aniline	6.757	93	1000322m	57.788	ng	
8) 2-Chlorophenol	6.845	128	849213	56.811	ng	98
9) Benzaldehyde	6.616	77	465720	49.707	ng	99
10) Phenol	6.693	94	988553	55.452	ng	100
11) bis(2-Chloroethyl)ether	6.793	93	795194	56.967	ng	97
12) 1,3-Dichlorobenzene	7.004	146	947627	56.217	ng	98
13) 1,4-Dichlorobenzene	7.081	146	958371	56.662	ng	98
14) 1,2-Dichlorobenzene	7.234	146	888513	55.774	ng	99
15) Benzyl Alcohol	7.198	79	704674	58.569	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.328	45	1126952	57.437	ng	100
17) 2-Methylphenol	7.298	107	697527	57.830	ng	99
18) Hexachloroethane	7.575	117	335355	58.649	ng	98
19) n-Nitroso-di-n-propyla...	7.469	70	579042	55.691	ng	100
20) 3+4-Methylphenols	7.451	107	897097	56.532	ng	97
22) Acetophenone	7.469	105	1129276	56.279	ng	99
24) Nitrobenzene	7.645	77	921030	58.193	ng	97
25) Isophorone	7.881	82	1619732	58.500	ng	99
26) 2-Nitrophenol	7.957	139	457152	63.784	ng	95
27) 2,4-Dimethylphenol	7.981	122	604580	58.593	ng	97
28) bis(2-Chloroethoxy)met...	8.087	93	962536	57.416	ng	98
29) 2,4-Dichlorophenol	8.192	162	728979	58.450	ng	98
30) 1,2,4-Trichlorobenzene	8.281	180	790454	58.139	ng	99
31) Naphthalene	8.369	128	2485833	56.066	ng	99
32) Benzoic acid	8.104	122	592711	66.585	ng	98
33) 4-Chloroaniline	8.416	127	923926	56.195	ng	99
34) Hexachlorobutadiene	8.481	225	489652	58.660	ng	99
35) Caprolactam	8.792	113	231114m	58.486	ng	
36) 4-Chloro-3-methylphenol	8.881	107	756519	58.167	ng	94
37) 2-Methylnaphthalene	9.057	142	1609610	56.084	ng	100
38) 1-Methylnaphthalene	9.157	142	1580526	55.976	ng	99
40) 1,2,4,5-Tetrachloroben...	9.222	216	766860	58.815	ng	100
41) Hexachlorocyclopentadiene	9.210	237	346890	65.502	ng	97
43) 2,4,6-Trichlorophenol	9.334	196	530289	59.749	ng	98

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Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 01 02:58:57 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 02:54:23 2024
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ClientSampleId :
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Manual Integrations APPROVED

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.369	196	590842	60.290	ng		97
46)	1,1'-Biphenyl	9.522	154	1931437	57.169	ng		99
47)	2-Chloronaphthalene	9.551	162	1572292	57.644	ng		98
48)	2-Nitroaniline	9.645	65	454524	61.443	ng		96
49)	Acenaphthylene	9.969	152	2257984	57.227	ng		99
50)	Dimethylphthalate	9.822	163	1804248	58.057	ng		100
51)	2,6-Dinitrotoluene	9.886	165	432915	60.955	ng		93
52)	Acenaphthene	10.145	154	1504130	57.511	ng		100
53)	3-Nitroaniline	10.057	138	448861	60.352	ng		96
54)	2,4-Dinitrophenol	10.157	184	235707	67.544	ng	#	86
55)	Dibenzofuran	10.316	168	2146144	56.389	ng		99
56)	4-Nitrophenol	10.204	139	372710	60.464	ng		97
57)	2,4-Dinitrotoluene	10.292	165	570157	61.449	ng		93
58)	Fluorene	10.657	166	1698084	56.061	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.428	232	473970	59.572	ng		99
60)	Diethylphthalate	10.522	149	1707291	57.844	ng		99
61)	4-Chlorophenyl-phenyle...	10.645	204	854218	57.235	ng		99
62)	4-Nitroaniline	10.680	138	448294	59.425	ng		97
63)	Azobenzene	10.810	77	1636685	57.373	ng		97
65)	4,6-Dinitro-2-methylph...	10.698	198	321701	65.868	ng		97
66)	n-Nitrosodiphenylamine	10.769	169	1465919	57.552	ng		100
67)	4-Bromophenyl-phenylether	11.139	248	546826	60.046	ng		98
68)	Hexachlorobenzene	11.210	284	586890	58.973	ng	#	92
69)	Atrazine	11.286	200	448377	57.732	ng		98
70)	Pentachlorophenol	11.398	266	423130	61.930	ng		99
71)	Phenanthrene	11.627	178	2335731	56.316	ng		99
72)	Anthracene	11.680	178	2336075	56.608	ng		99
73)	Carbazole	11.833	167	2219793	55.814	ng		100
74)	Di-n-butylphthalate	12.151	149	2517258	58.022	ng		100
75)	Fluoranthene	12.822	202	2500354	55.150	ng		99
77)	Benzidine	12.933	184	728669	61.833	ng		98
78)	Pyrene	13.057	202	2560197	63.371	ng		100
80)	Butylbenzylphthalate	13.657	149	849694	66.287	ng		98
81)	Benzo(a)anthracene	14.245	228	1923845	59.032	ng		99
82)	3,3'-Dichlorobenzidine	14.204	252	535061	54.842	ng	#	98
83)	Chrysene	14.280	228	1792248	58.734	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.210	149	1027815	63.623	ng		100
85)	Di-n-octyl phthalate	14.839	149	1411634	64.929	ng		100
87)	Indeno(1,2,3-cd)pyrene	17.474	276	1695609	74.278	ng		99
88)	Benzo(b)fluoranthene	15.351	252	1476200	59.091	ng		98
89)	Benzo(k)fluoranthene	15.386	252	1352527	56.015	ng		99
90)	Benzo(a)pyrene	15.757	252	1222498	59.982	ng		99
91)	Dibenzo(a,h)anthracene	17.492	278	1374775	73.987	ng		98
92)	Benzo(g,h,i)perylene	17.980	276	1491940	76.592	ng		97

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

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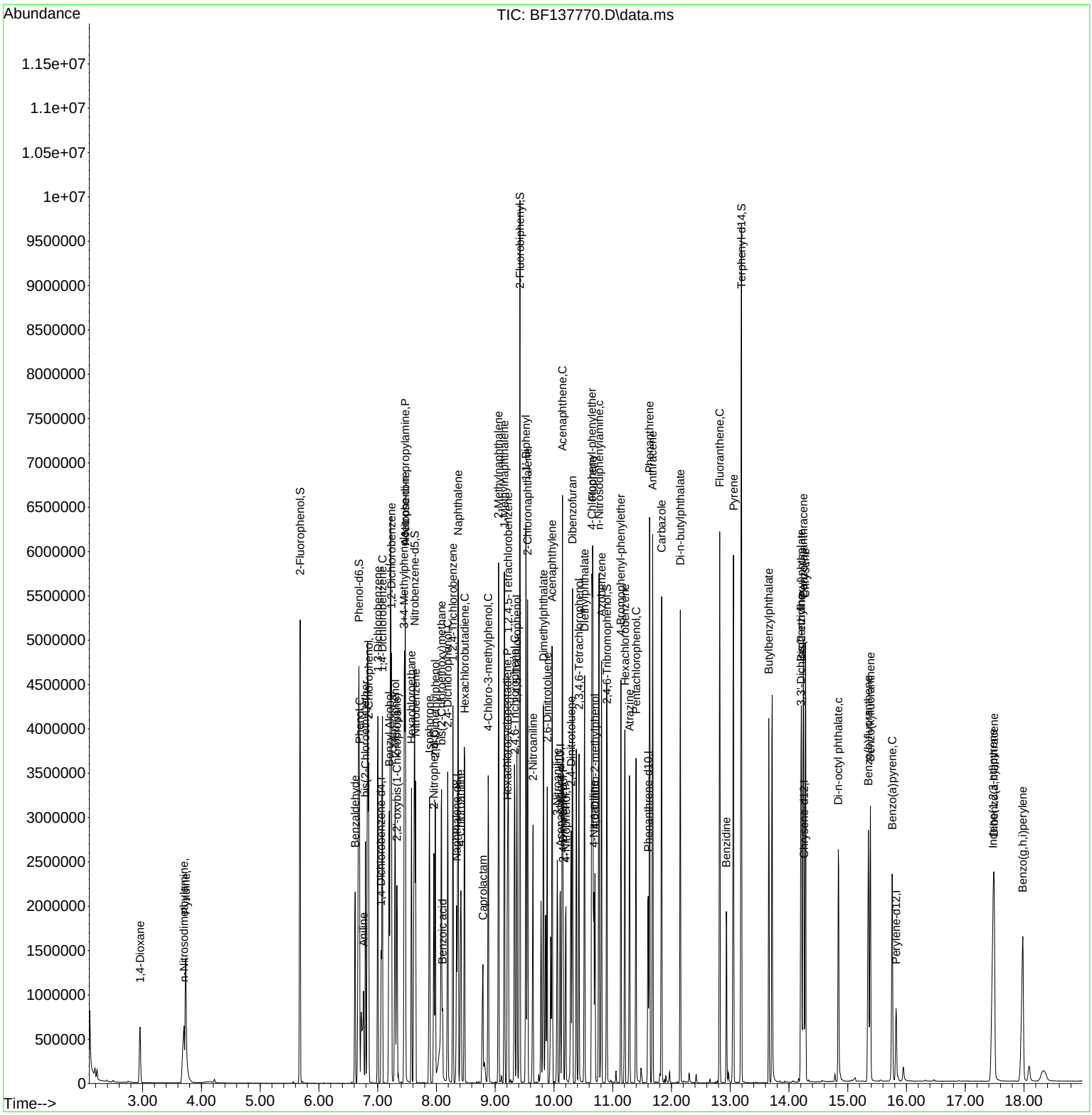
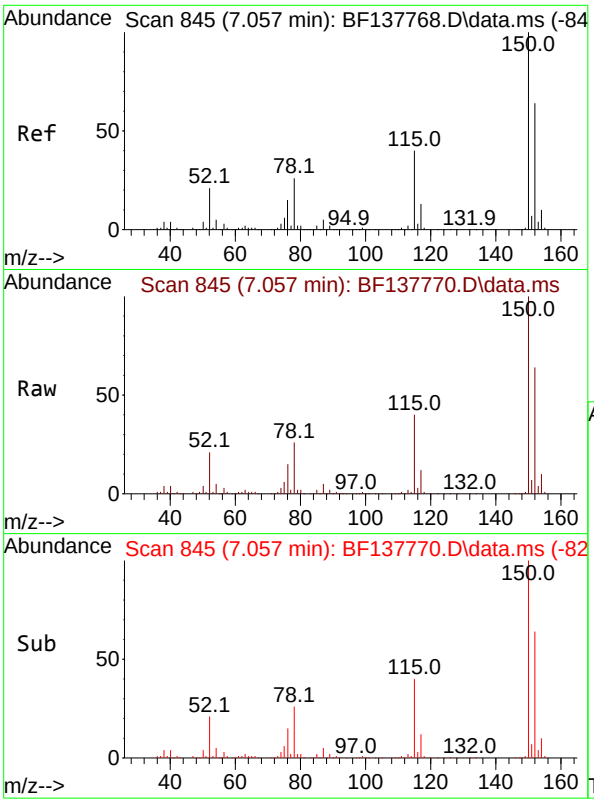
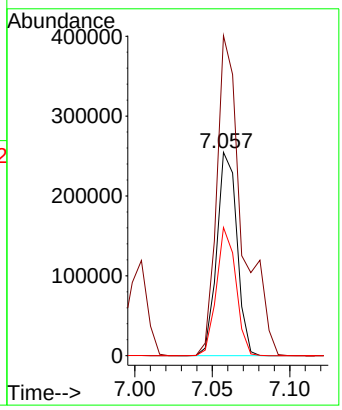




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:152 Resp: 22965

Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.1	186.1
115	63.0	49.1	73.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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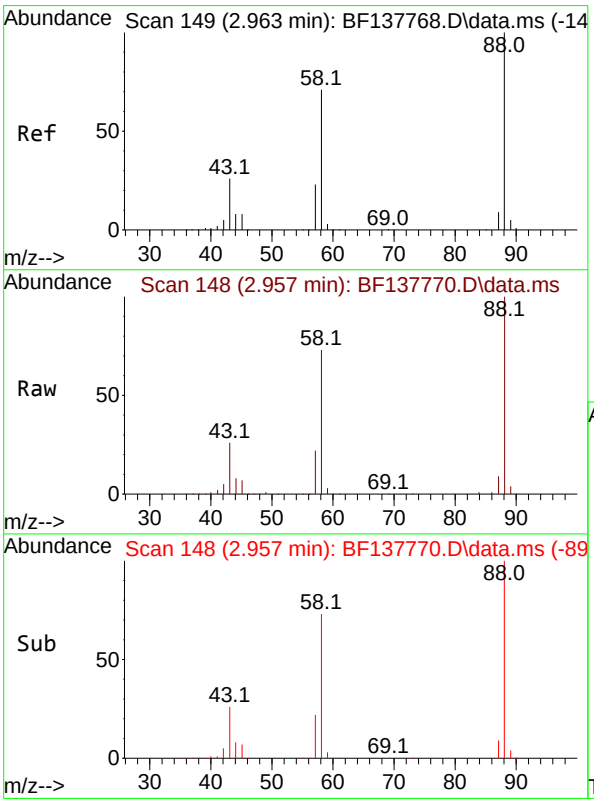
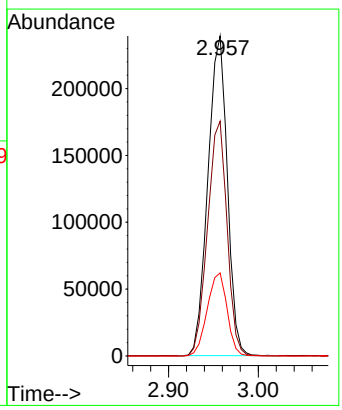
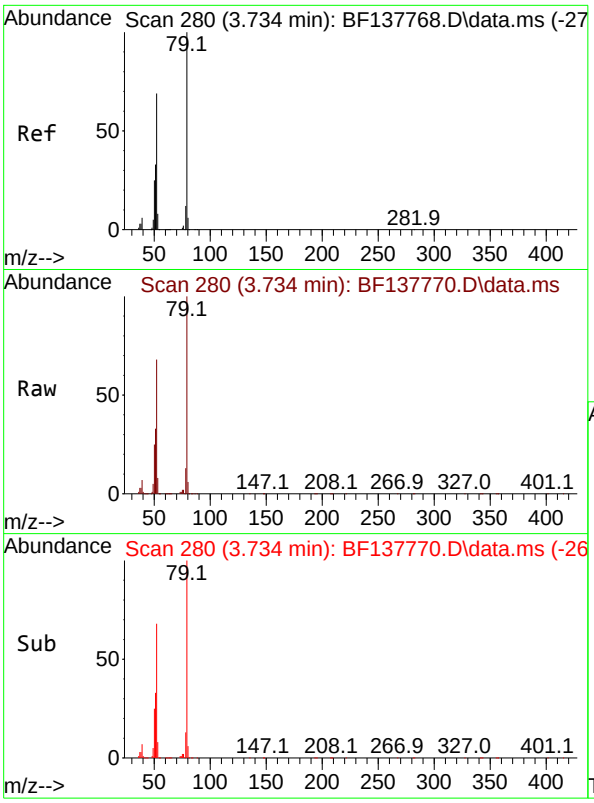


#2
1,4-Dioxane
Concen: 58.089 ng
RT: 2.957 min Scan# 148
Delta R.T. -0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion: 88 Resp: 358796

Ion	Ratio	Lower	Upper
88	100		
58	73.7	58.8	88.2
43	26.6	21.4	32.0

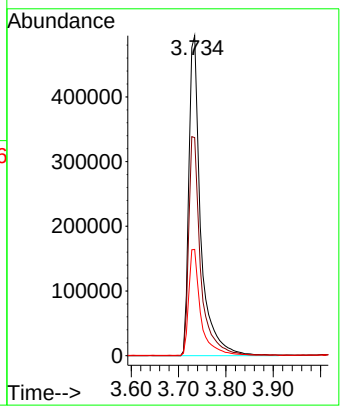




#3
Pyridine
Concen: 57.655 ng
RT: 3.734 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion: 79 Resp: 86187

Ion	Ratio	Lower	Upper
79	100		
52	68.2	55.5	83.3
51	33.2	26.9	40.3



Instrument :
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ClientSampleId :
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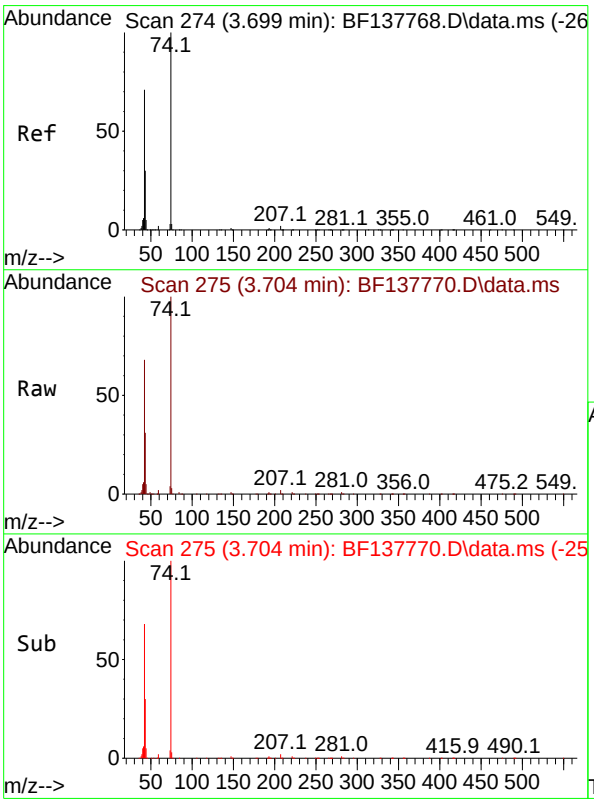
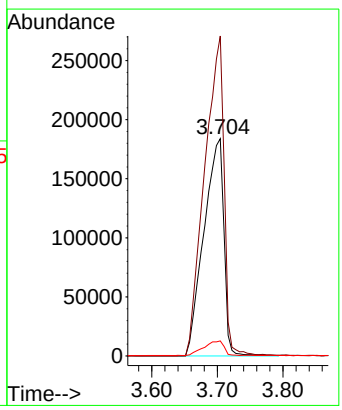
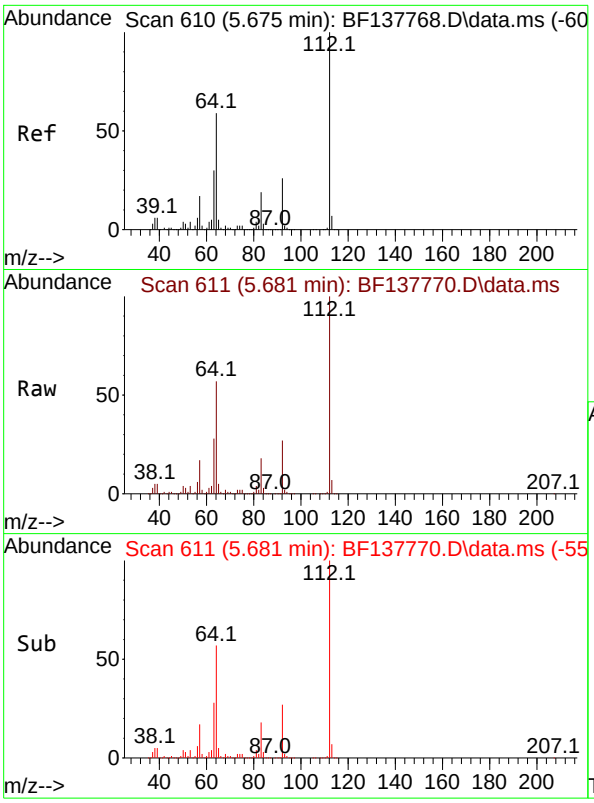


#4
n-Nitrosodimethylamine
Concen: 58.066 ng
RT: 3.704 min Scan# 275
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion: 42 Resp: 390879

Ion	Ratio	Lower	Upper
42	100		
74	147.3	112.9	169.3
44	6.9	5.6	8.4

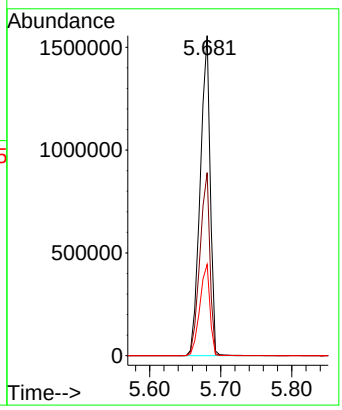




#5
2-Fluorophenol
Concen: 111.792 ng
RT: 5.681 min Scan# 6
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:112 Resp: 153339

Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.3	70.9
63	28.5	23.7	35.5



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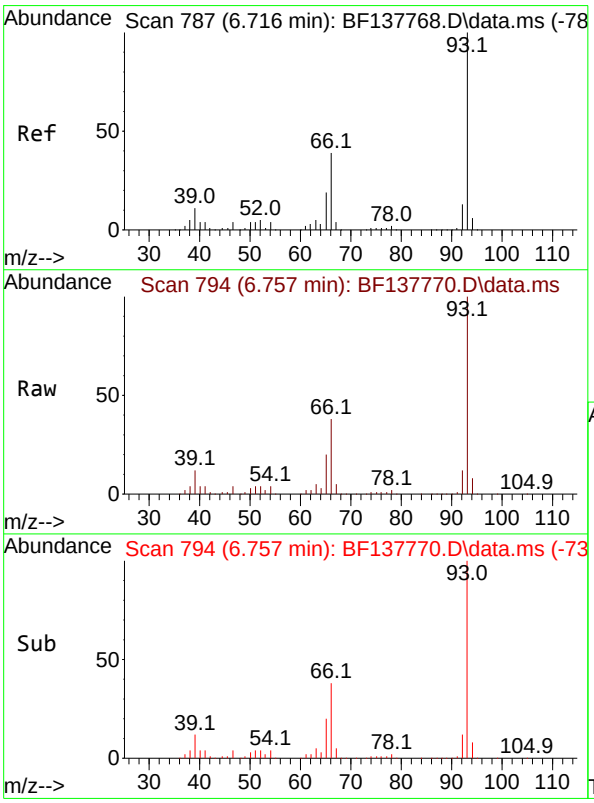
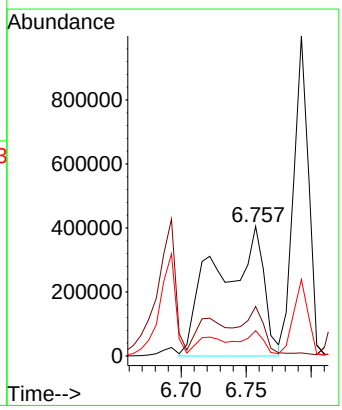
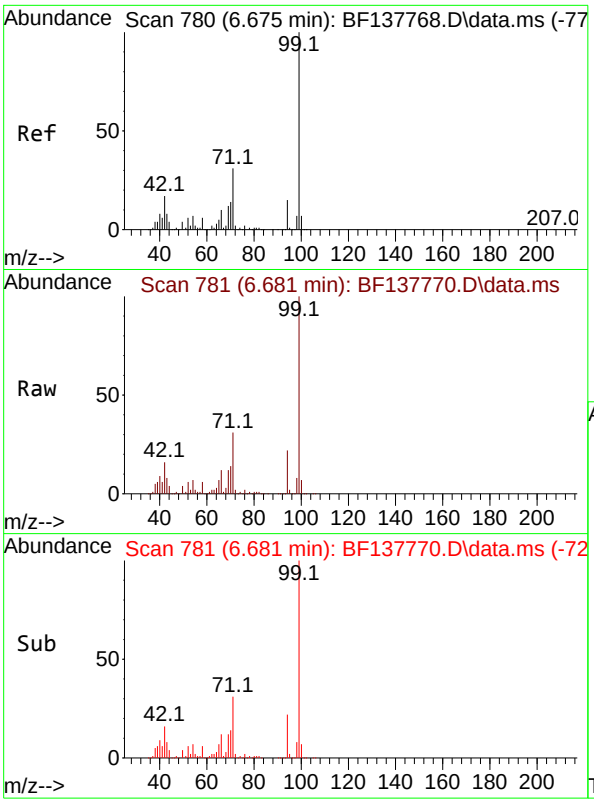


#6
Aniline
Concen: 57.788 ng m
RT: 6.757 min Scan# 794
Delta R.T. 0.041 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion: 93 Resp: 1000322

Ion	Ratio	Lower	Upper
93	100		
66	38.1	31.8	47.6
65	19.5	15.4	23.2





#7
Phenol-d6
Concen: 111.845 ng
RT: 6.681 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion: 99 Resp: 194588

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.2	19.8
71	31.0	25.0	37.4

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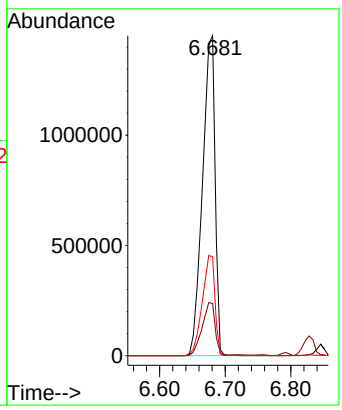
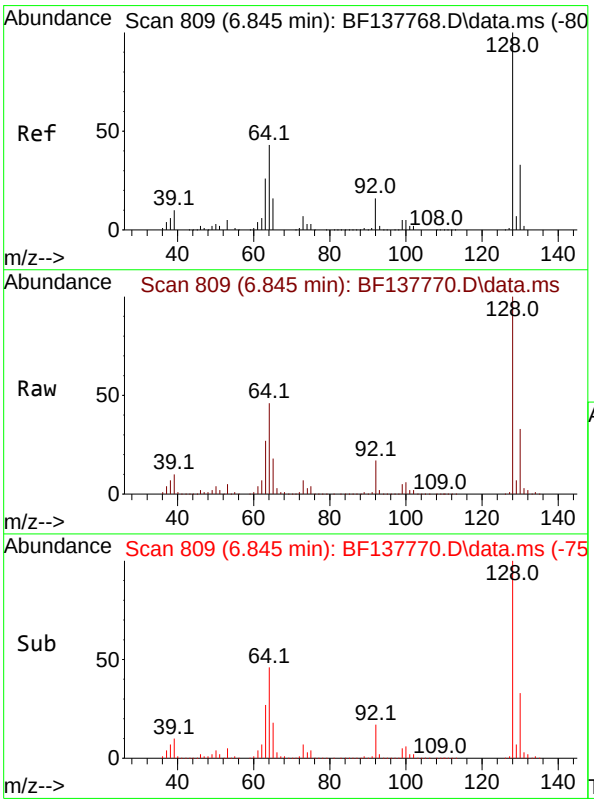
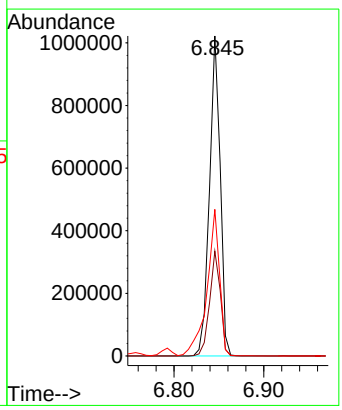


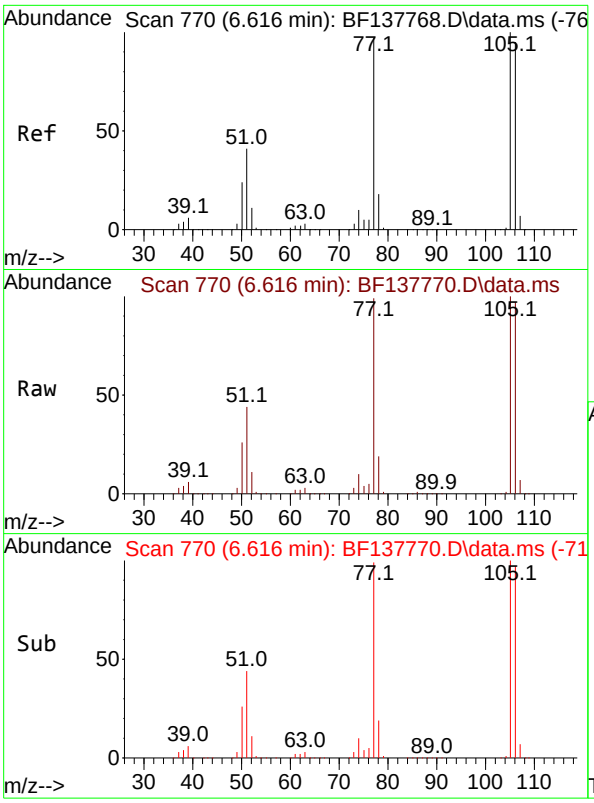


#8
2-Chlorophenol
Concen: 56.811 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:128 Resp: 849213

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.5	52.5
64	45.8	23.9	63.9

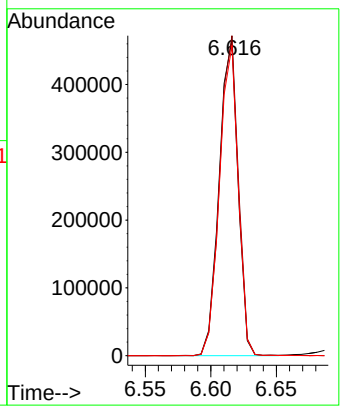




#9
Benzaldehyde
Concen: 49.707 ng
RT: 6.616 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion: 77 Resp: 46572

Ion	Ratio	Lower	Upper
77	100		
105	101.4	83.2	123.2
106	98.3	77.7	117.7



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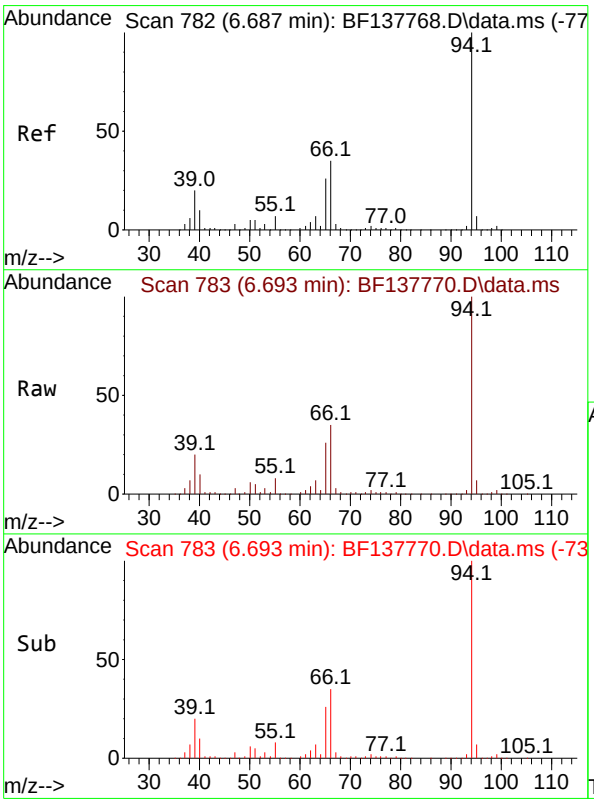
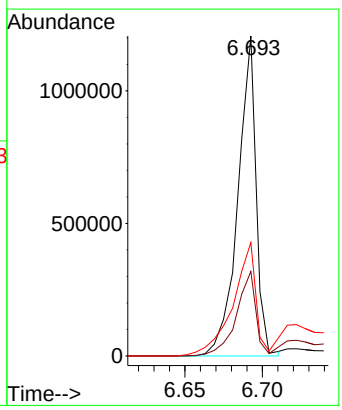
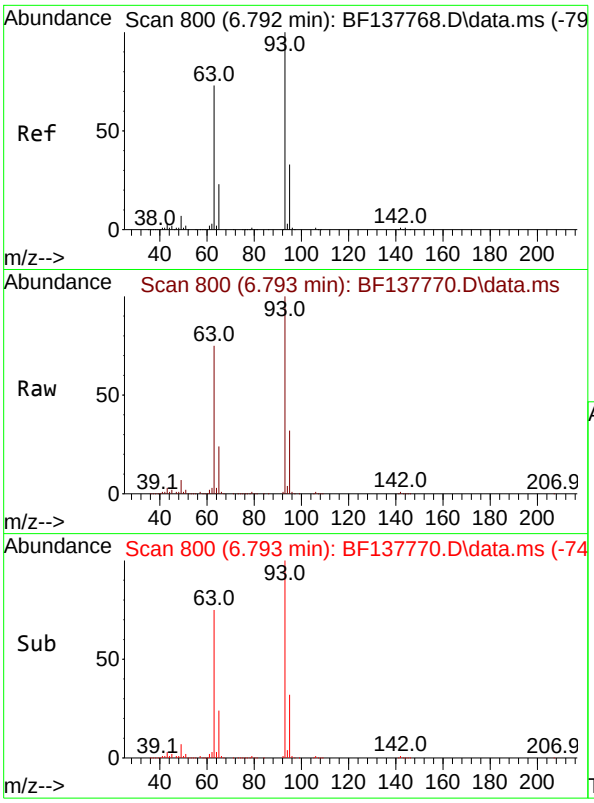


#10
Phenol
Concen: 55.452 ng
RT: 6.693 min Scan# 783
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion: 94 Resp: 988553

Ion	Ratio	Lower	Upper
94	100		
65	26.4	6.4	46.4
66	35.4	15.4	55.4

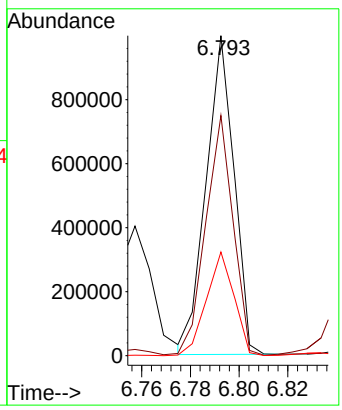




#11
bis(2-Chloroethyl)ether
Concen: 56.967 ng
RT: 6.793 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion: 93 Resp: 79519

Ion	Ratio	Lower	Upper
93	100		
63	75.0	51.6	91.6
95	32.4	12.1	52.1



Instrument :
BNA_F
ClientSampleId :
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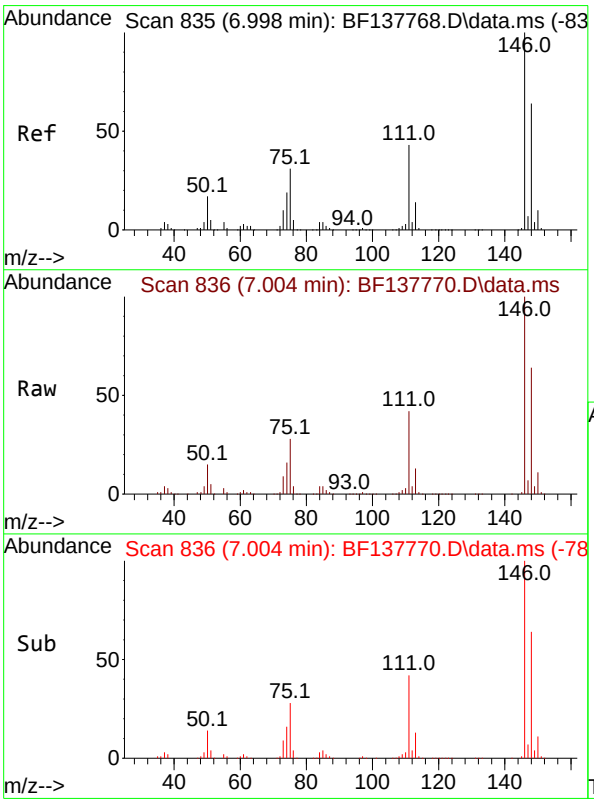
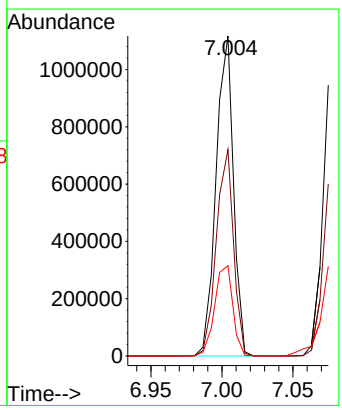
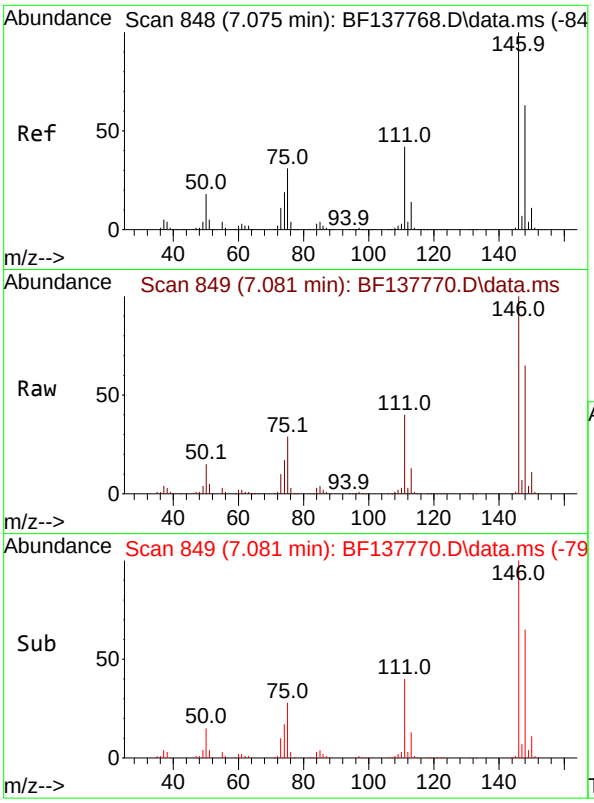


#12
1,3-Dichlorobenzene
Concen: 56.217 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:146 Resp: 947627

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.2	76.8
75	28.2	25.1	37.7

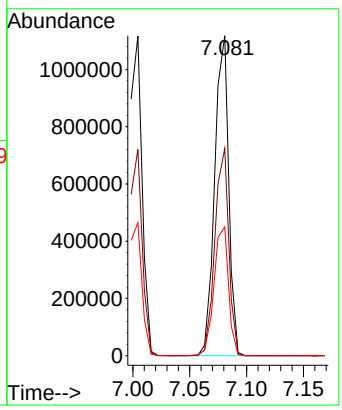




#13
1,4-Dichlorobenzene
Concen: 56.662 ng
RT: 7.081 min Scan# 84
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:146 Resp: 95837

Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.7	76.1
111	40.3	33.8	50.8



Instrument :
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ClientSampleId :
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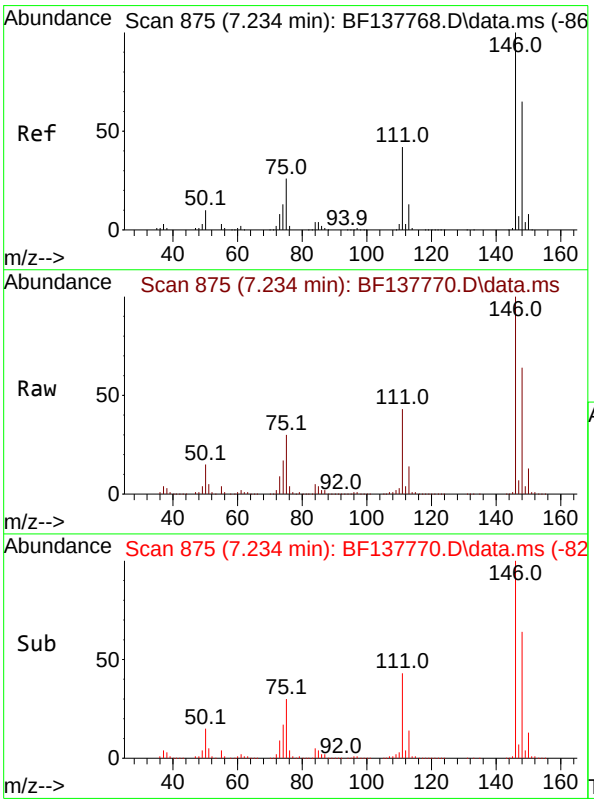
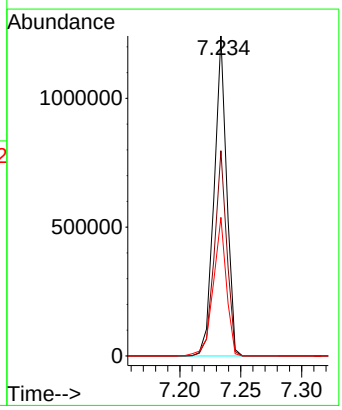
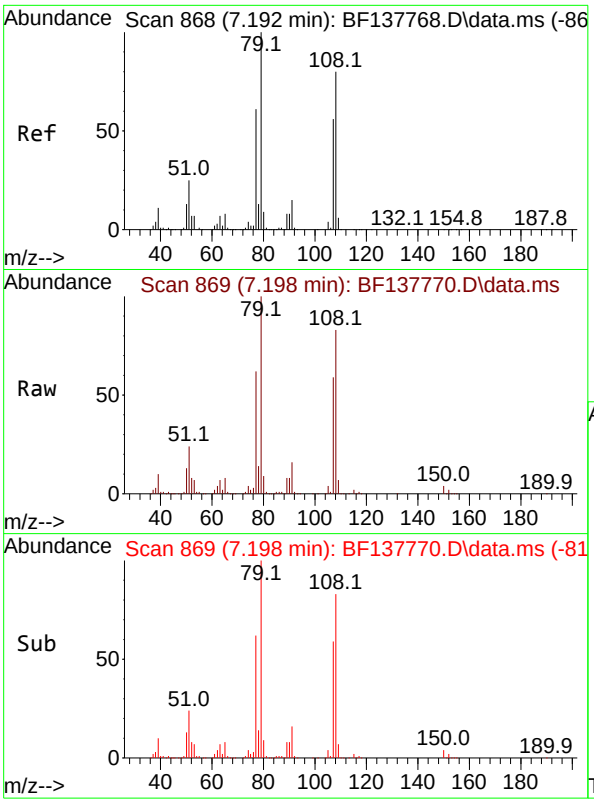


#14
1,2-Dichlorobenzene
Concen: 55.774 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:146 Resp: 888513

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.8
111	43.3	33.6	50.4





#15
Benzyl Alcohol
Concen: 58.569 ng
RT: 7.198 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion: 79 Resp: 70467

Ion	Ratio	Lower	Upper
79	100		
108	82.5	64.2	96.2
77	62.1	48.5	72.7

Instrument :
BNA_F
ClientSampleId :
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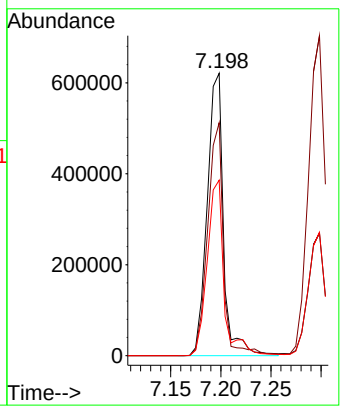
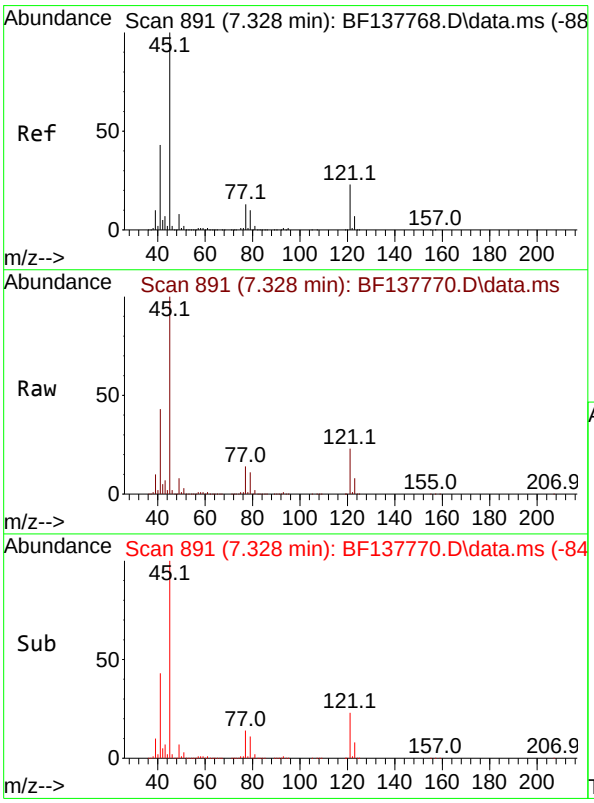
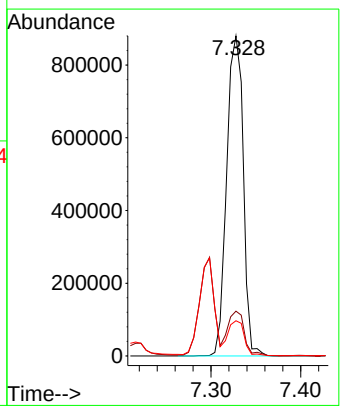


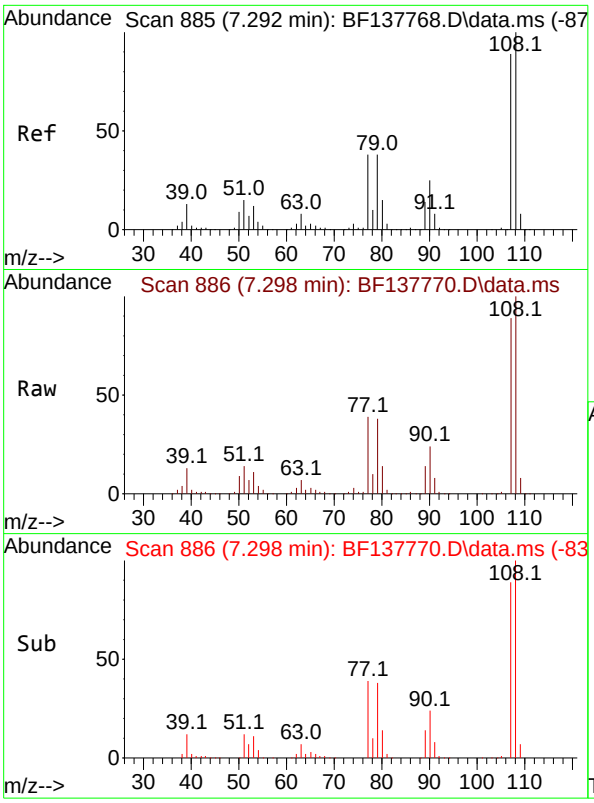


#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.437 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion: 45 Resp: 1126952

Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	33.8
79	11.0	0.0	31.0

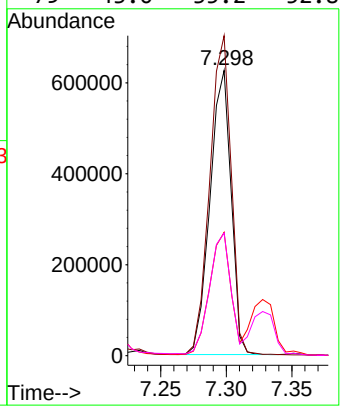




#17
2-Methylphenol
Concen: 57.830 ng
RT: 7.298 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:107 Resp: 69752

Ion	Ratio	Lower	Upper
107	100		
108	112.2	90.5	135.7
77	43.3	34.5	51.7
79	43.0	35.2	52.8



Instrument :
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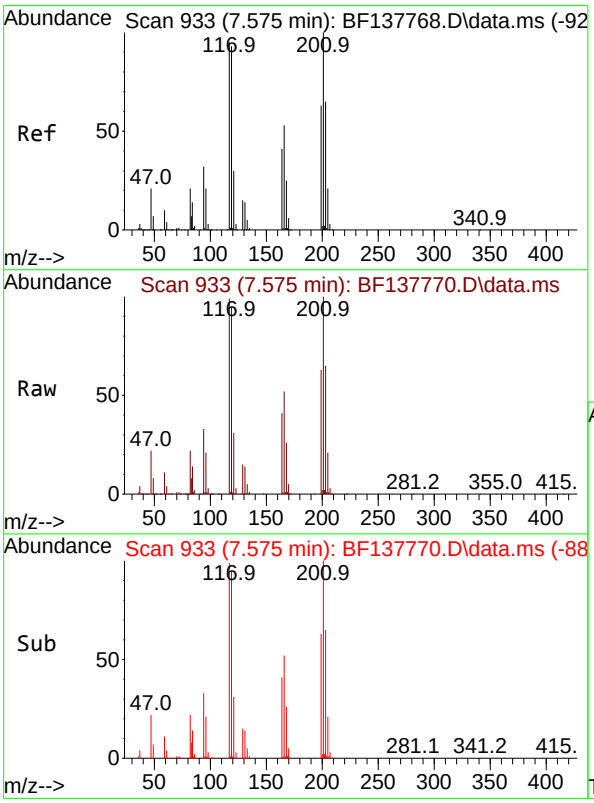
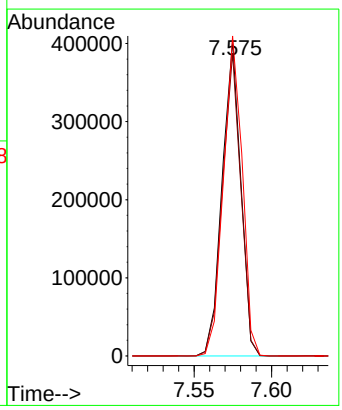
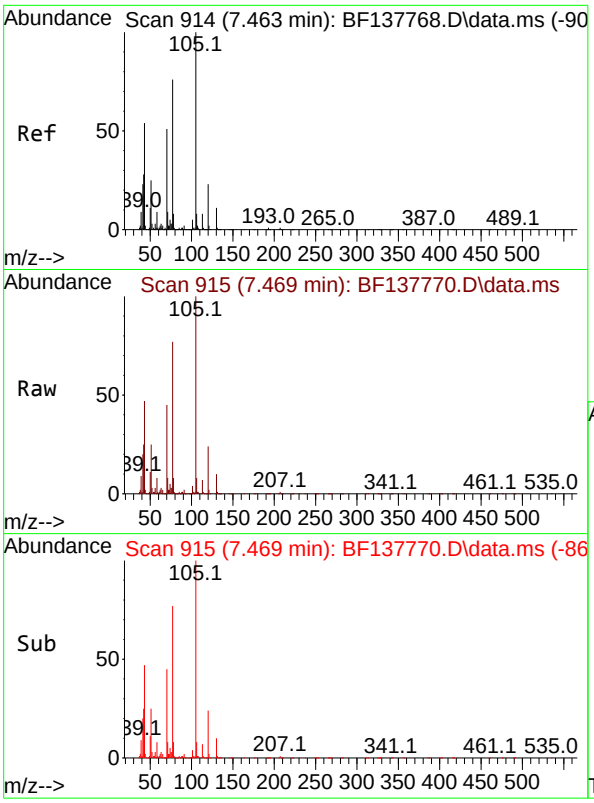


#18
Hexachloroethane
Concen: 58.649 ng
RT: 7.575 min Scan# 933
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:117 Resp: 335355

Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.6	116.4
201	101.4	83.8	125.8

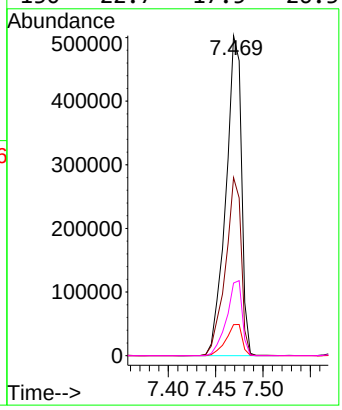




#19
n-Nitroso-di-n-propylamine
Concen: 55.691 ng
RT: 7.469 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion: 70 Resp: 57904

Ion	Ratio	Lower	Upper
70	100		
42	55.6	44.6	66.8
101	9.7	7.8	11.6
130	22.7	17.5	26.3



Instrument :
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ClientSampleId :
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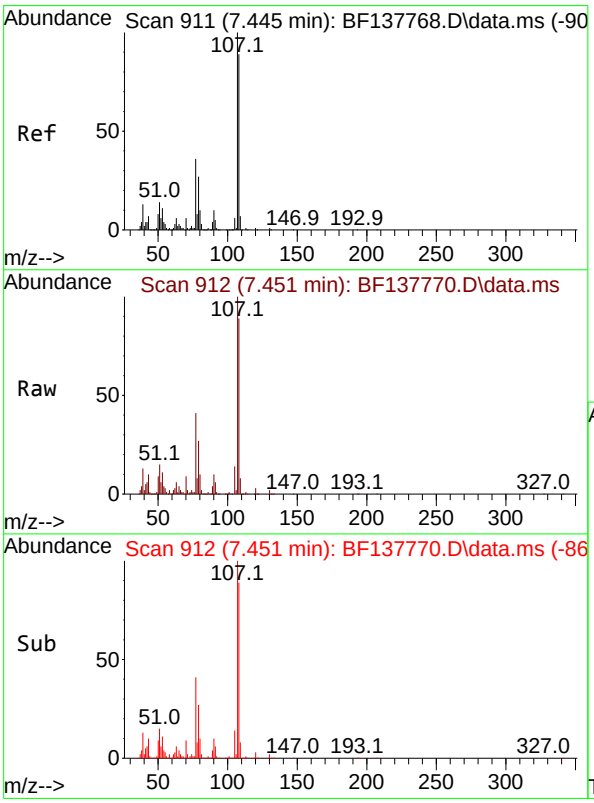
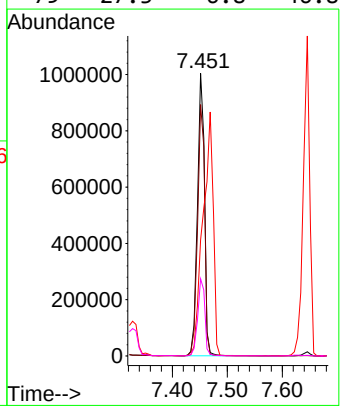
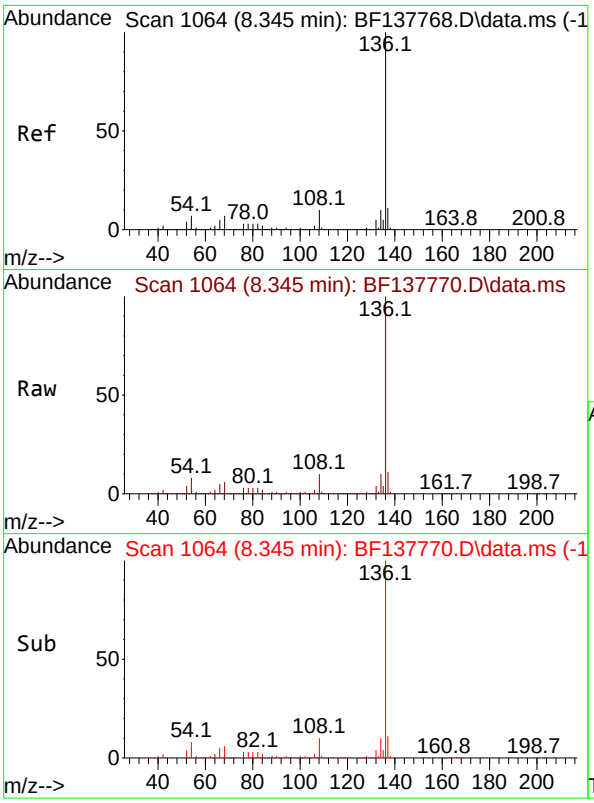


#20
3+4-Methylphenols
Concen: 56.532 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:107 Resp: 897097

Ion	Ratio	Lower	Upper
107	100		
108	88.9	69.3	109.3
77	41.0	15.7	55.7
79	27.3	6.8	46.8

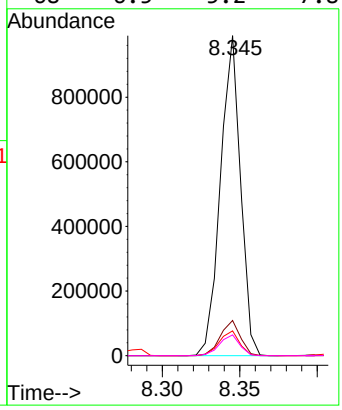




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:136 Resp: 89218

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.8	5.8	8.8
68	6.5	5.2	7.8



Instrument :
BNA_F
ClientSampleId :
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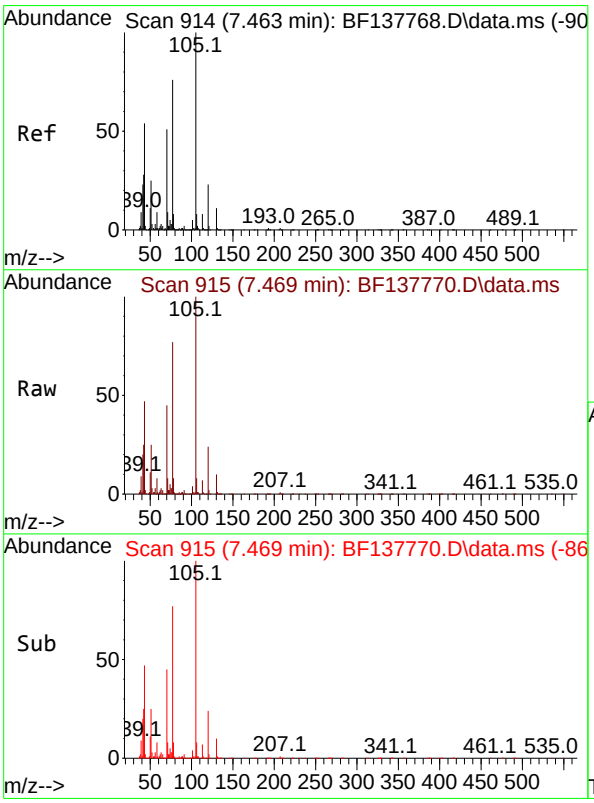
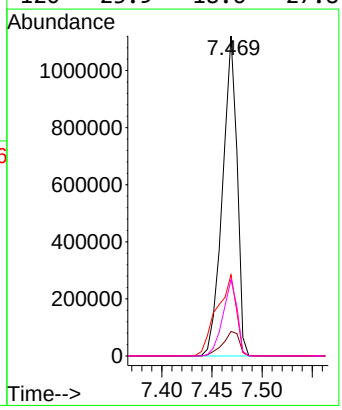
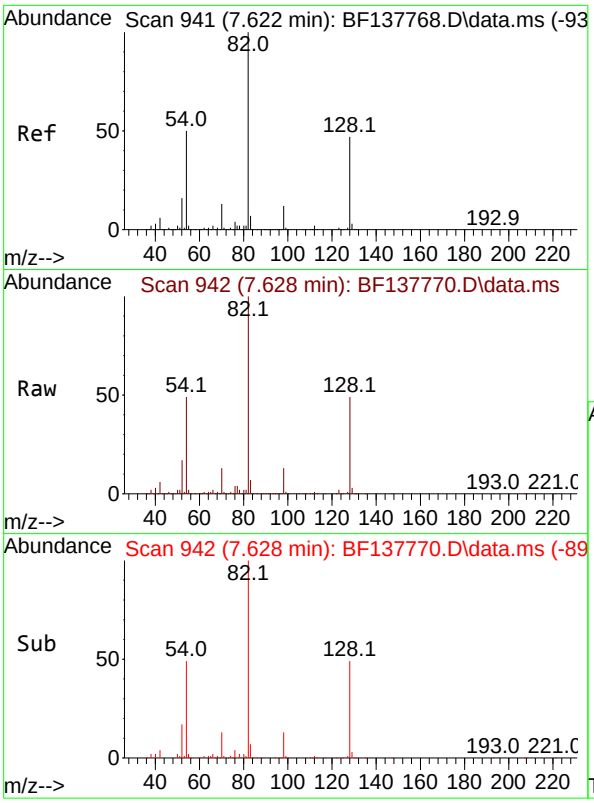


#22
Acetophenone
Concen: 56.279 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:105 Resp: 1129276

Ion	Ratio	Lower	Upper
105	100		
71	7.7	6.9	10.3
51	25.3	20.2	30.2
120	23.9	18.6	27.8





#23
Nitrobenzene-d5
Concen: 116.456 ng
RT: 7.628 min Scan# 94
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion: 82 Resp: 178836

Ion	Ratio	Lower	Upper
82	100		
128	49.1	37.5	56.3
54	49.4	39.8	59.6

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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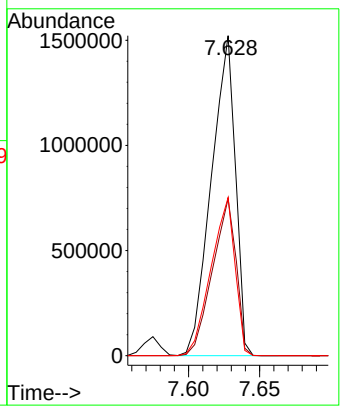
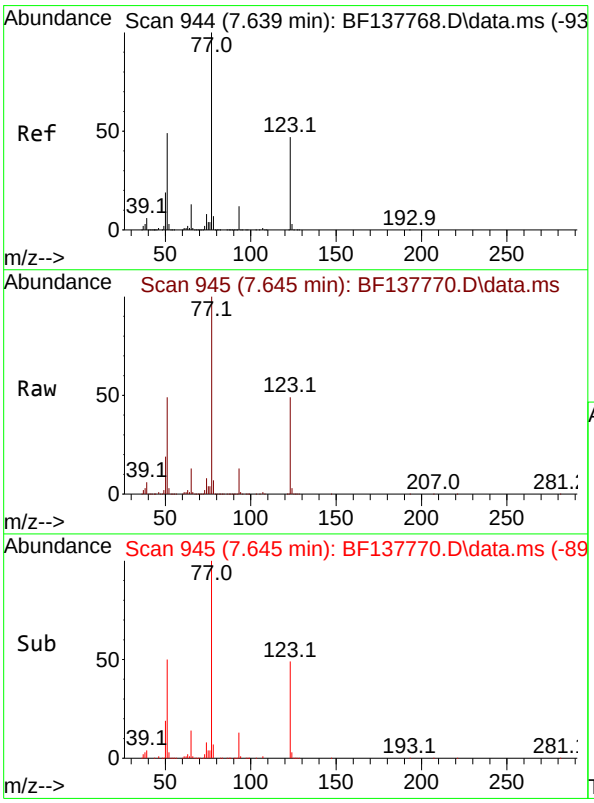
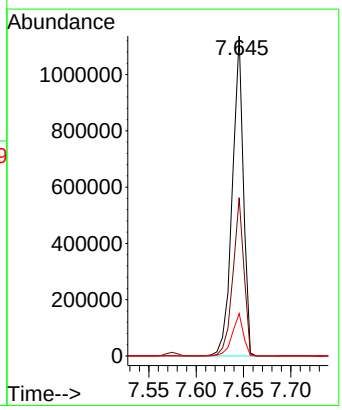


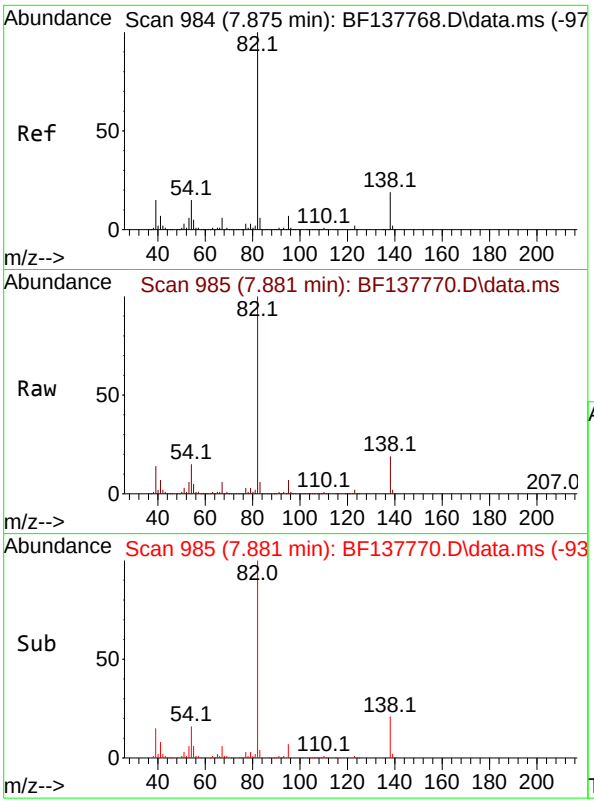


#24
Nitrobenzene
Concen: 58.193 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion: 77 Resp: 921030

Ion	Ratio	Lower	Upper
77	100		
123	49.5	37.4	56.2
65	13.3	10.7	16.1





#25
Isophorone
Concen: 58.500 ng
RT: 7.881 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion: 82 Resp: 161973

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.7	8.5
138	19.3	15.0	22.6

Instrument :
BNA_F
ClientSampleId :
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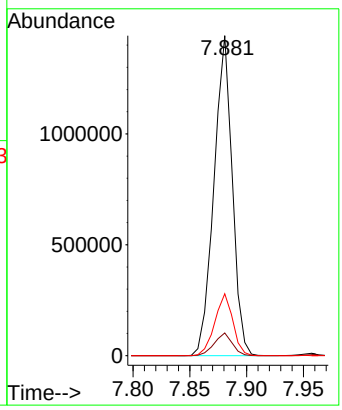
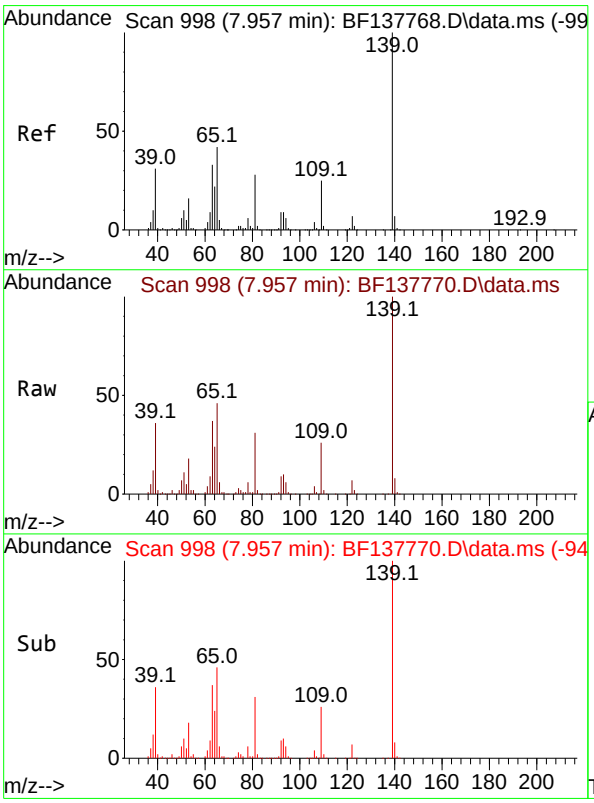
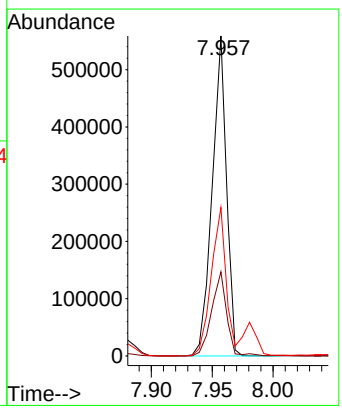


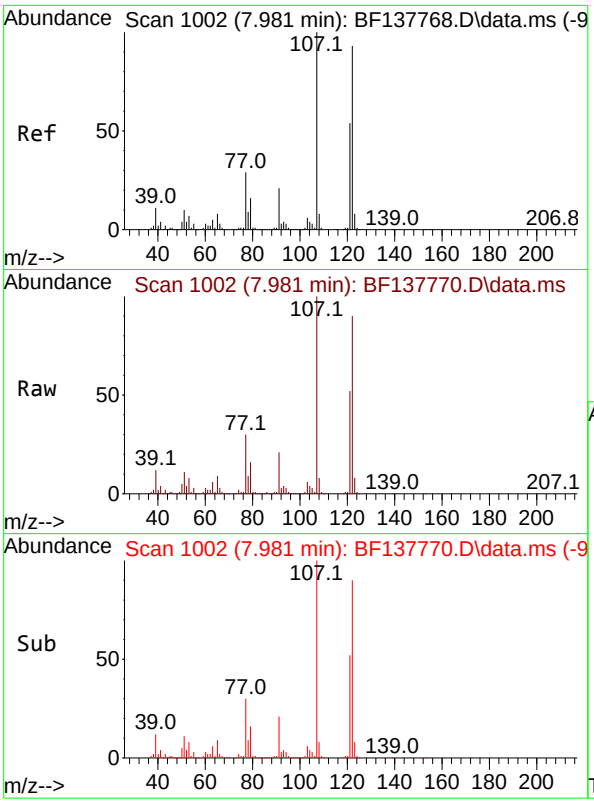


#26
2-Nitrophenol
Concen: 63.784 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:139 Resp: 457152

Ion	Ratio	Lower	Upper
139	100		
109	26.3	20.2	30.2
65	46.4	33.4	50.0

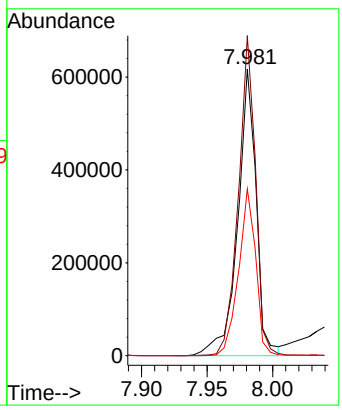




#27
2,4-Dimethylphenol
Concen: 58.593 ng
RT: 7.981 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:122 Resp: 60458

Ion	Ratio	Lower	Upper
122	100		
107	111.6	85.8	128.8
121	58.1	46.6	69.8



Instrument :
BNA_F
ClientSampleId :
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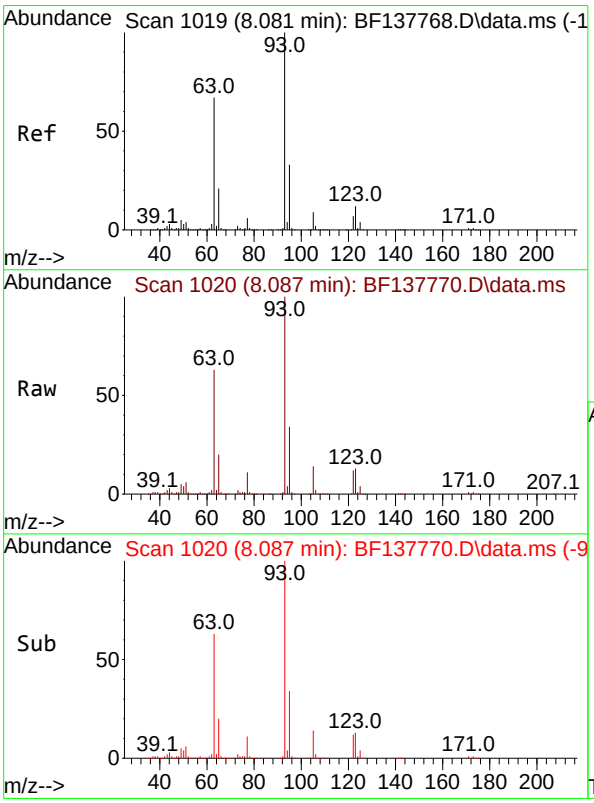
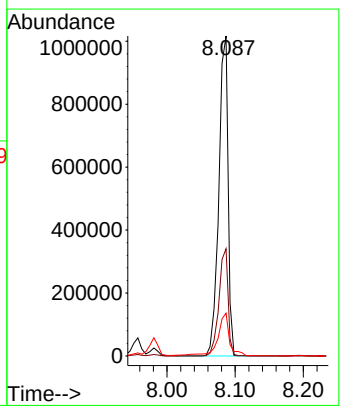
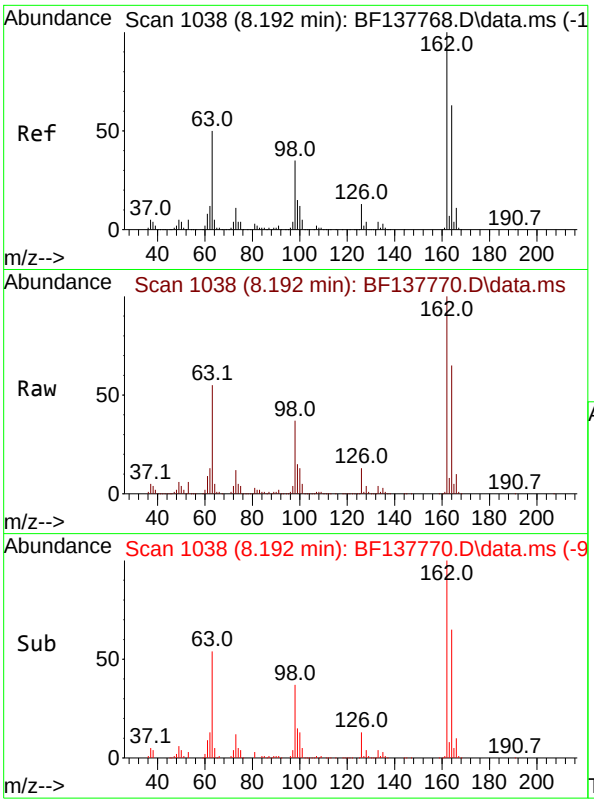


#28
bis(2-Chloroethoxy)methane
Concen: 57.416 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion: 93 Resp: 962536

Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.1	39.1
123	13.4	10.2	15.4

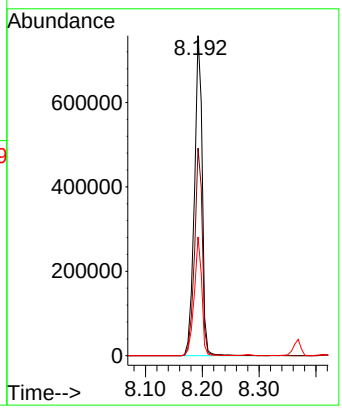




#29
2,4-Dichlorophenol
Concen: 58.450 ng
RT: 8.192 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:162 Resp: 72897

Ion	Ratio	Lower	Upper
162	100		
164	64.8	43.5	83.5
98	37.1	15.1	55.1



Instrument :
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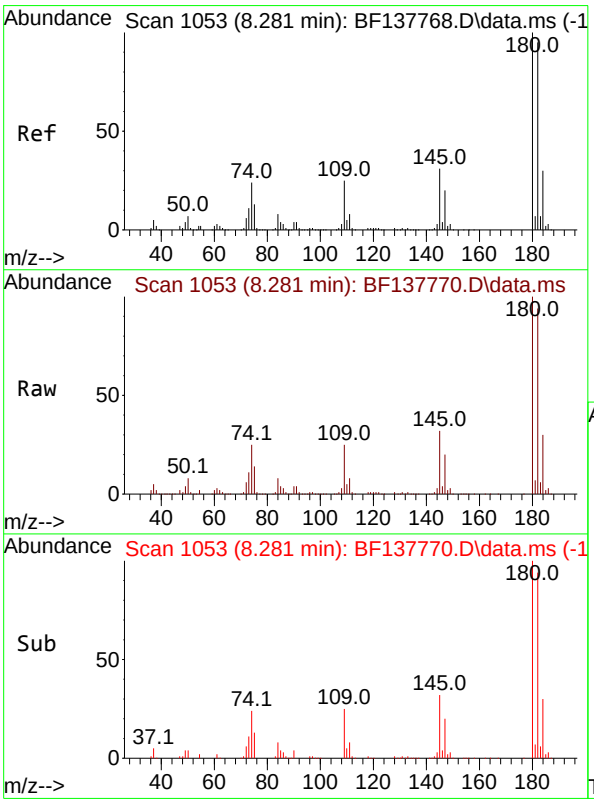
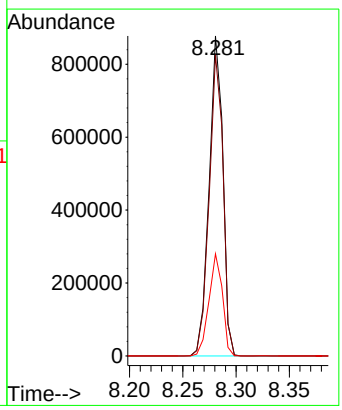
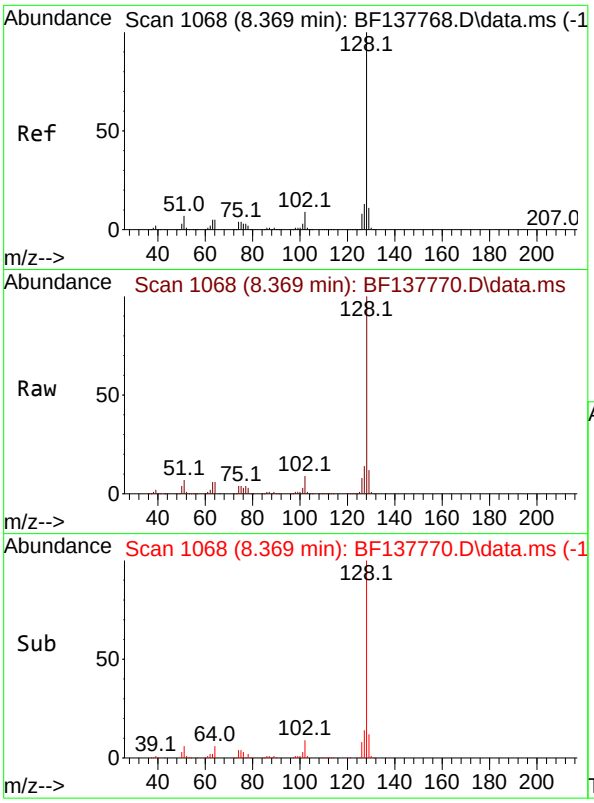


#30
1,2,4-Trichlorobenzene
Concen: 58.139 ng
RT: 8.281 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:180 Resp: 790454

Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.2	114.2
145	31.9	25.1	37.7

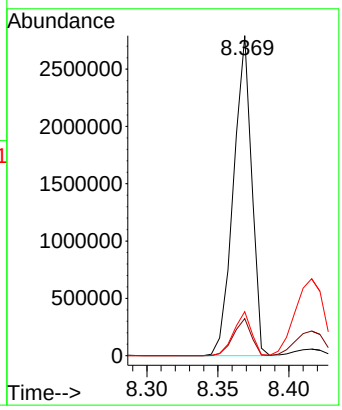




#31
Naphthalene
Concen: 56.066 ng
RT: 8.369 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:128 Resp: 248583

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	13.8	10.6	16.0



Instrument :
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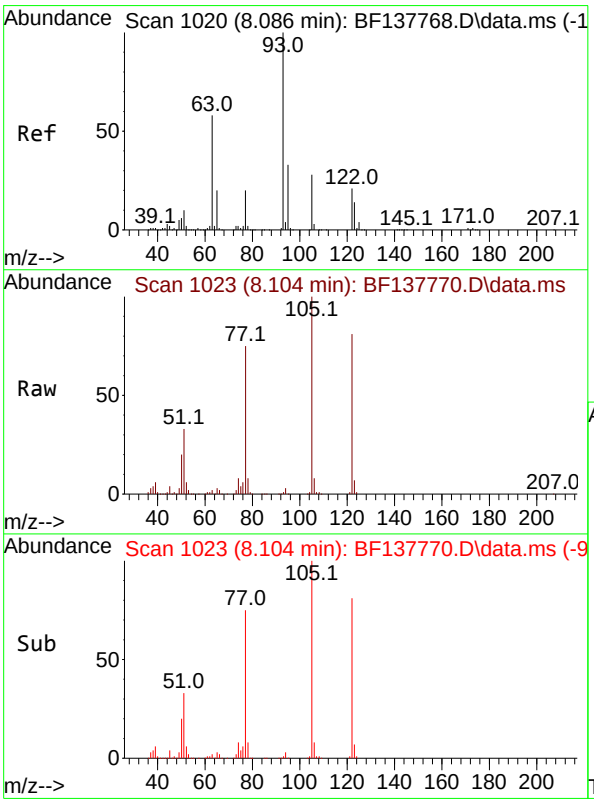
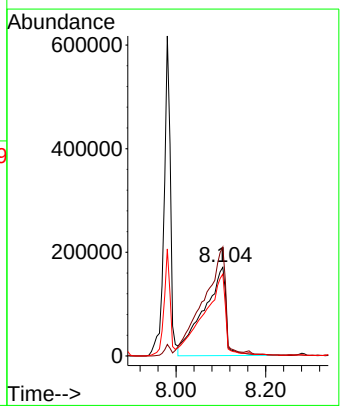
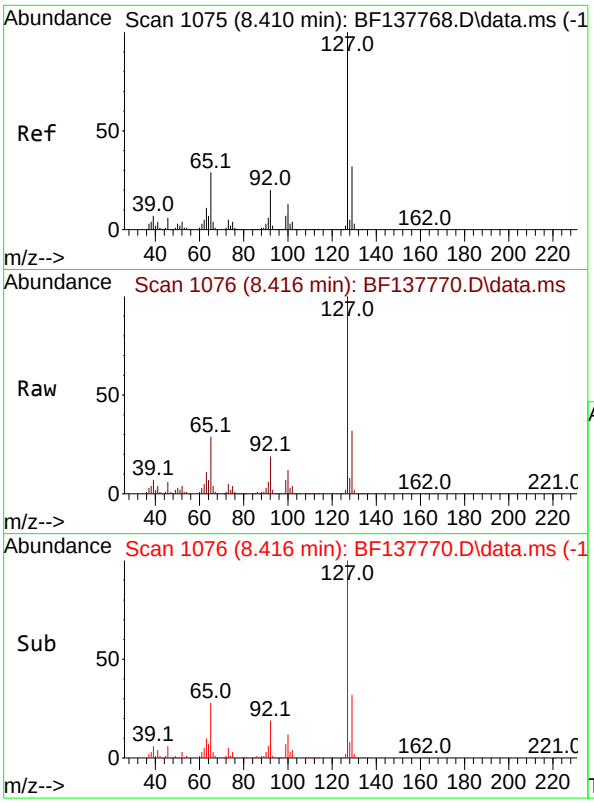


#32
Benzoic acid
Concen: 66.585 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.018 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:122 Resp: 592711

Ion	Ratio	Lower	Upper
122	100		
105	122.8	105.3	145.3
77	92.3	73.2	113.2

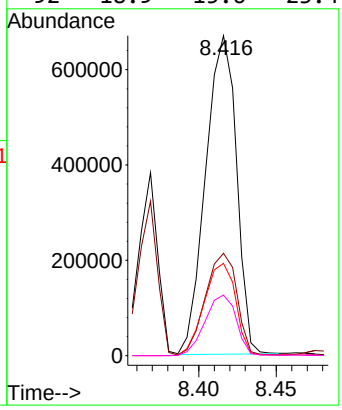




#33
4-Chloroaniline
Concen: 56.195 ng
RT: 8.416 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:127 Resp: 92392

Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.7	38.5
65	28.8	23.4	35.2
92	18.9	15.6	23.4



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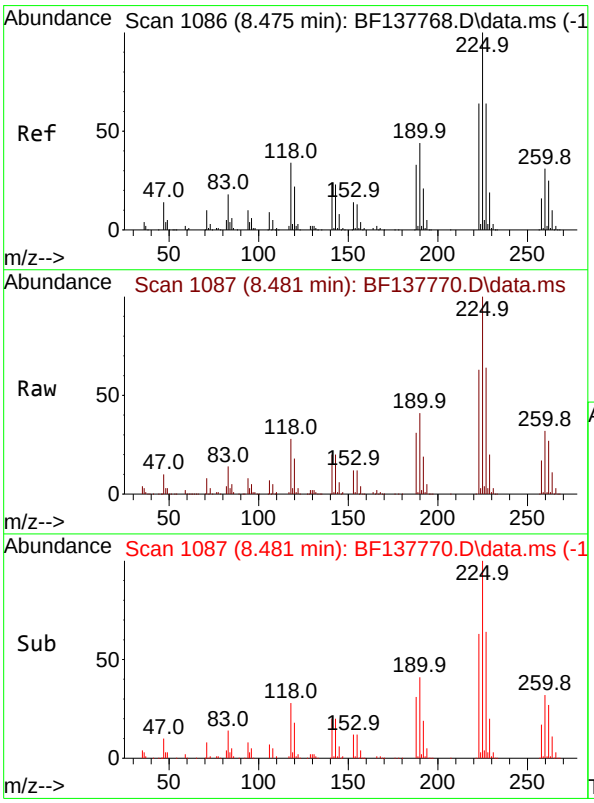
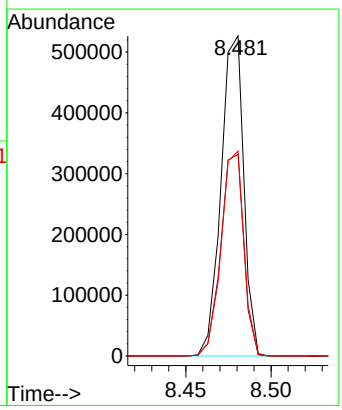
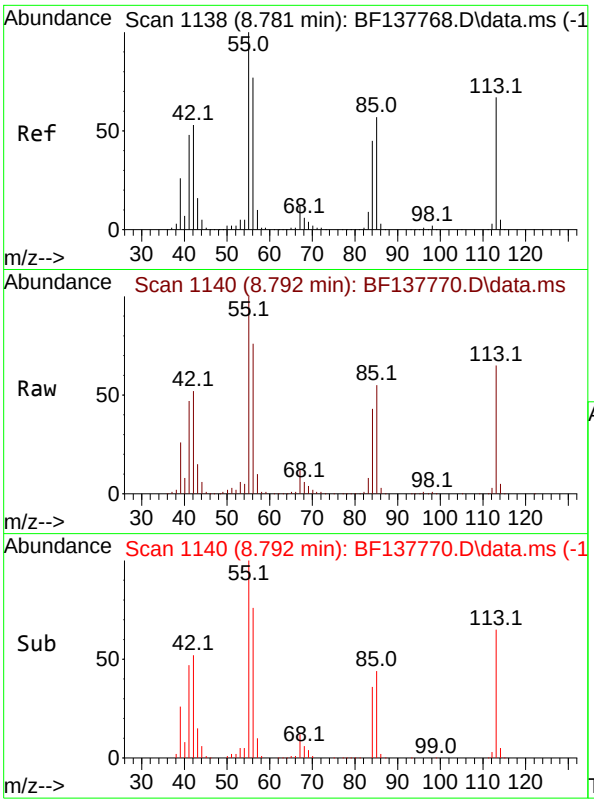


#34
Hexachlorobutadiene
Concen: 58.660 ng
RT: 8.481 min Scan# 1087
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:225 Resp: 489652

Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.1	76.7
227	64.0	51.4	77.0

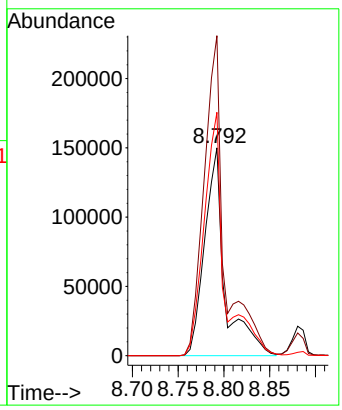




#35
Caprolactam
Concen: 58.486 ng m
RT: 8.792 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:113 Resp: 23111

Ion	Ratio	Lower	Upper
113	100		
55	153.9	128.7	168.7
56	117.0	93.9	133.9



Instrument :
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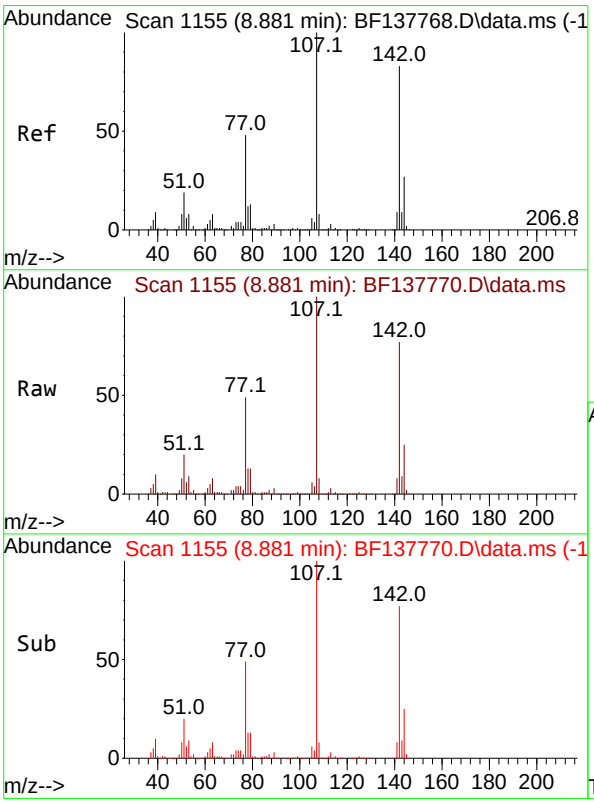
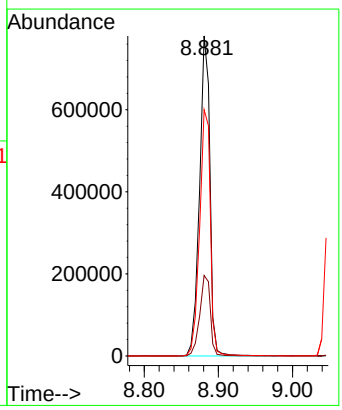
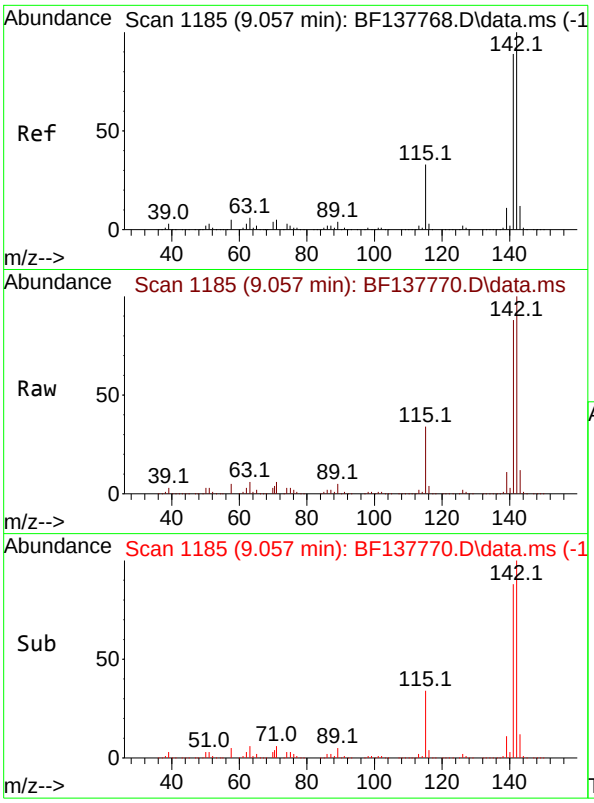


#36
4-Chloro-3-methylphenol
Concen: 58.167 ng
RT: 8.881 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:107 Resp: 756519

Ion	Ratio	Lower	Upper
107	100		
144	25.1	21.4	32.0
142	77.0	66.2	99.2





#37
2-Methylnaphthalene
Concen: 56.084 ng
RT: 9.057 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:142 Resp: 160961

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.8	106.2

Instrument :
BNA_F
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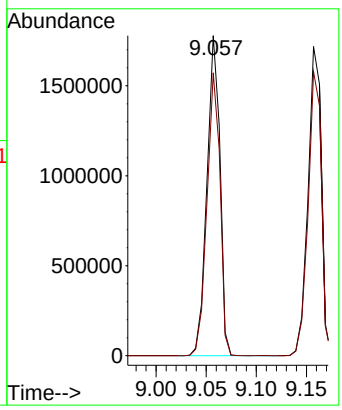
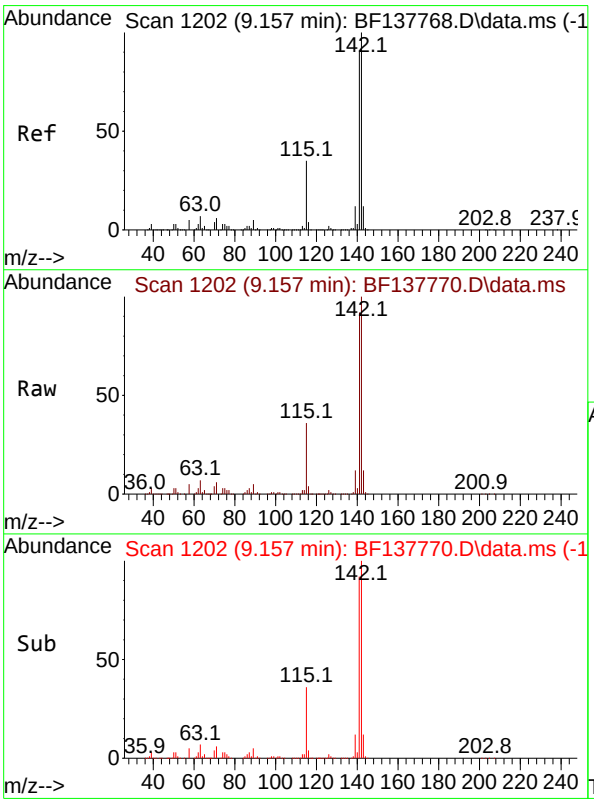
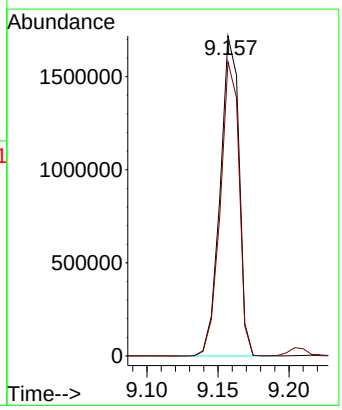


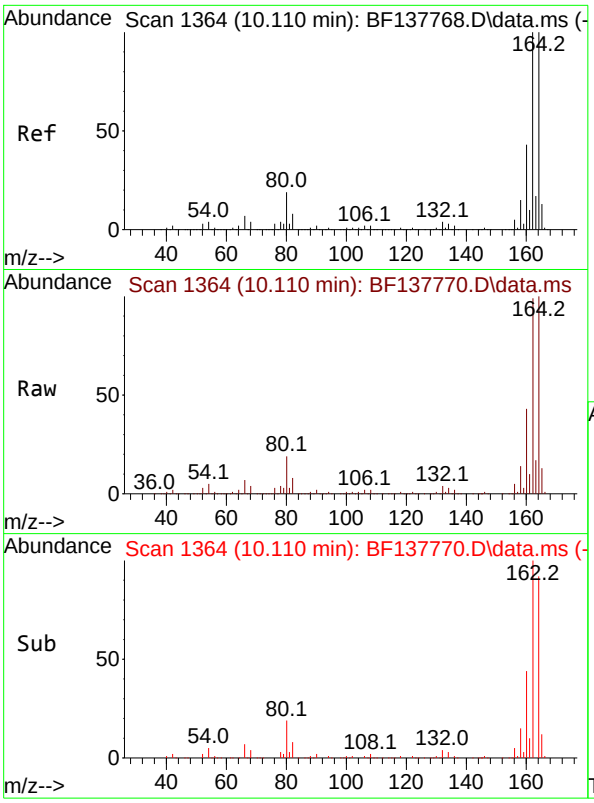


#38
1-Methylnaphthalene
Concen: 55.976 ng
RT: 9.157 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:142 Resp: 1580526

Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.1	109.7

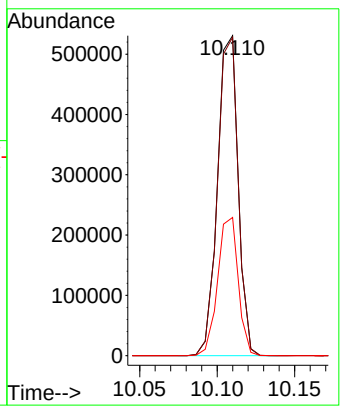




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.110 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:164 Resp: 49228

Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.8	119.6
160	43.2	34.4	51.6



Instrument :
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ClientSampleId :
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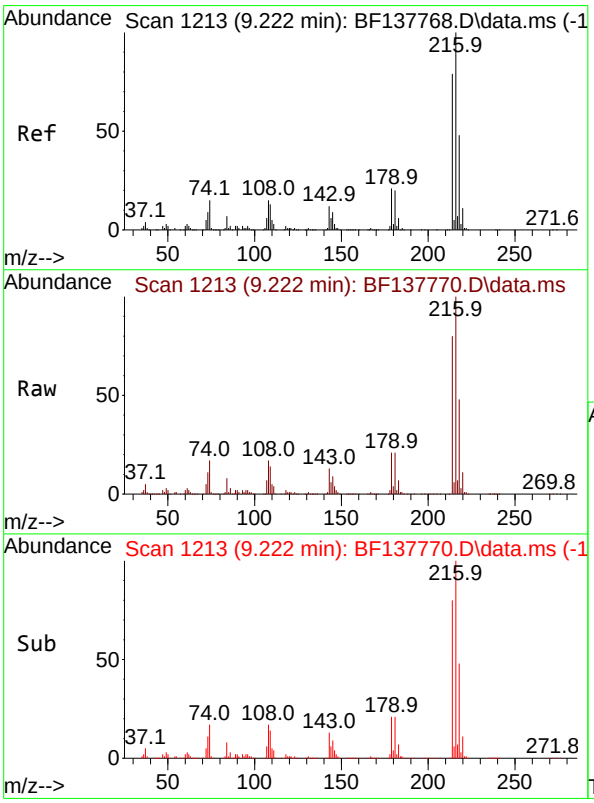
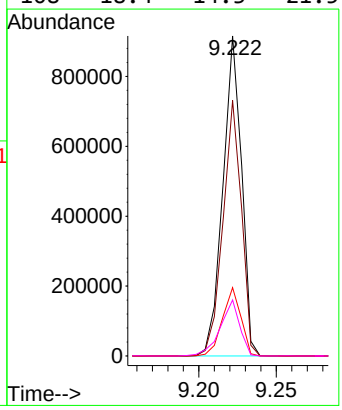
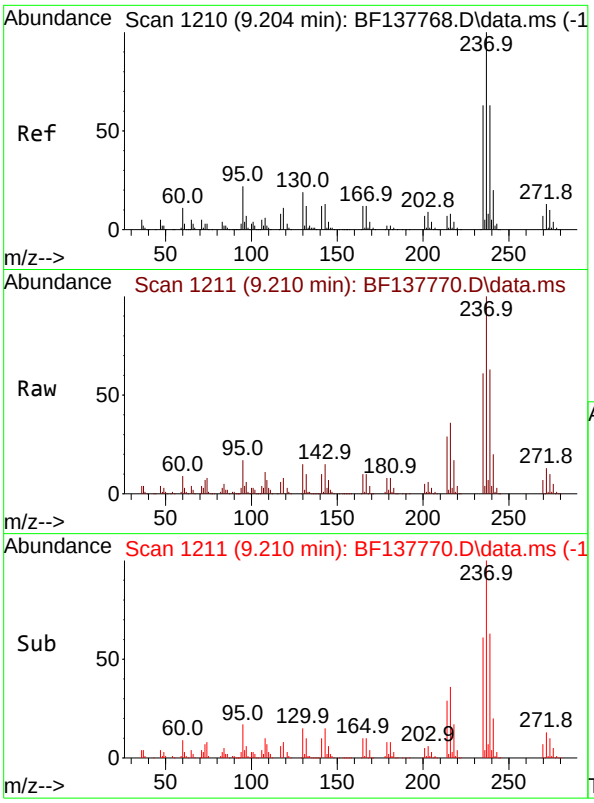


#40
1,2,4,5-Tetrachlorobenzene
Concen: 58.815 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:216 Resp: 766860

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.3	94.9
179	21.1	16.8	25.2
108	18.4	14.3	21.5





#41
Hexachlorocyclopentadiene
Concen: 65.502 ng
RT: 9.210 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:237 Resp: 34689

Ion	Ratio	Lower	Upper
237	100		
235	60.8	43.0	83.0
272	13.4	0.0	32.8

Instrument :
BNA_F
ClientSampleId :
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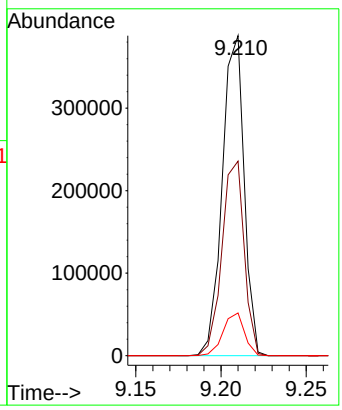
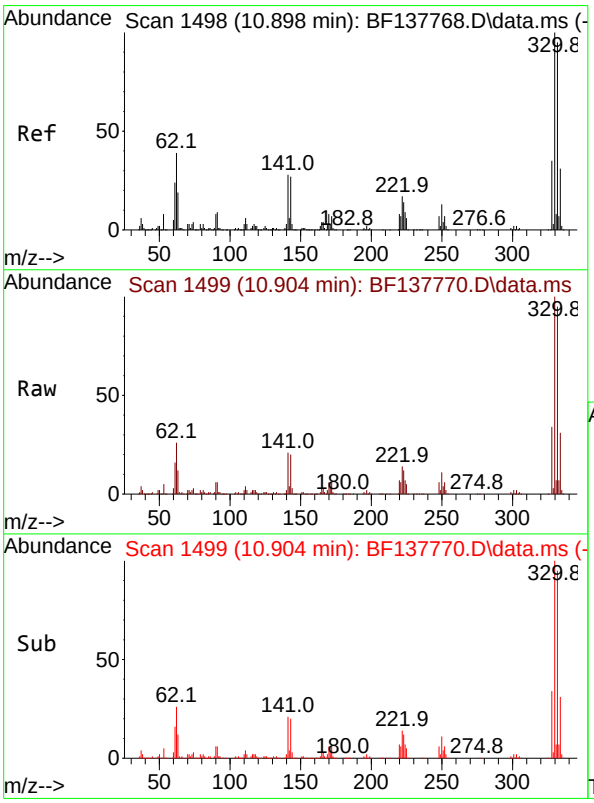
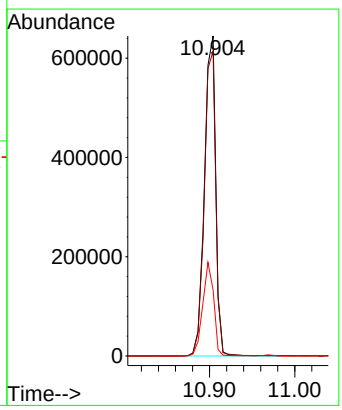


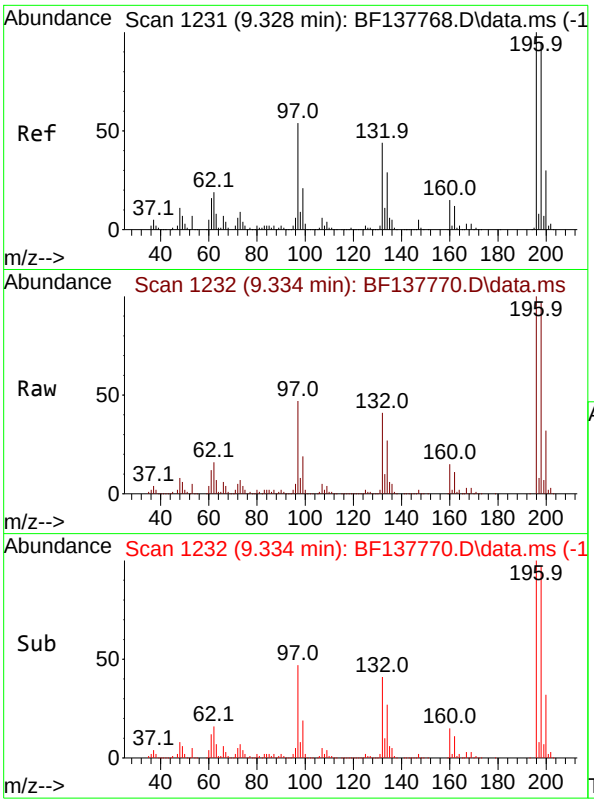


#42
2,4,6-Tribromophenol
Concen: 117.834 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:330 Resp: 592273

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	28.7	23.8	35.6

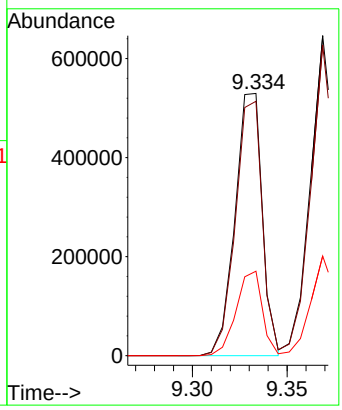




#43
2,4,6-Trichlorophenol
Concen: 59.749 ng
RT: 9.334 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:196 Resp: 53028

Ion	Ratio	Lower	Upper
196	100		
198	97.0	76.2	114.4
200	32.2	24.2	36.2



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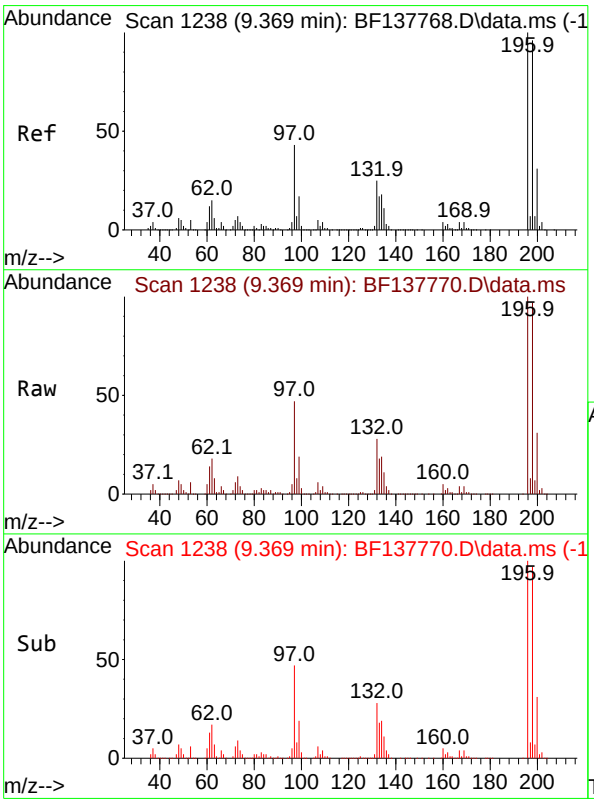
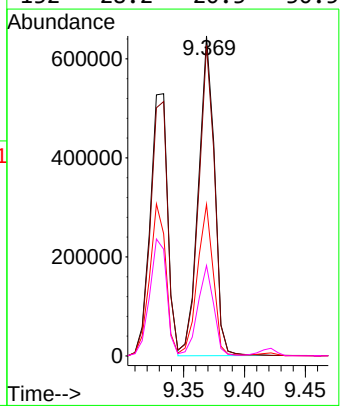
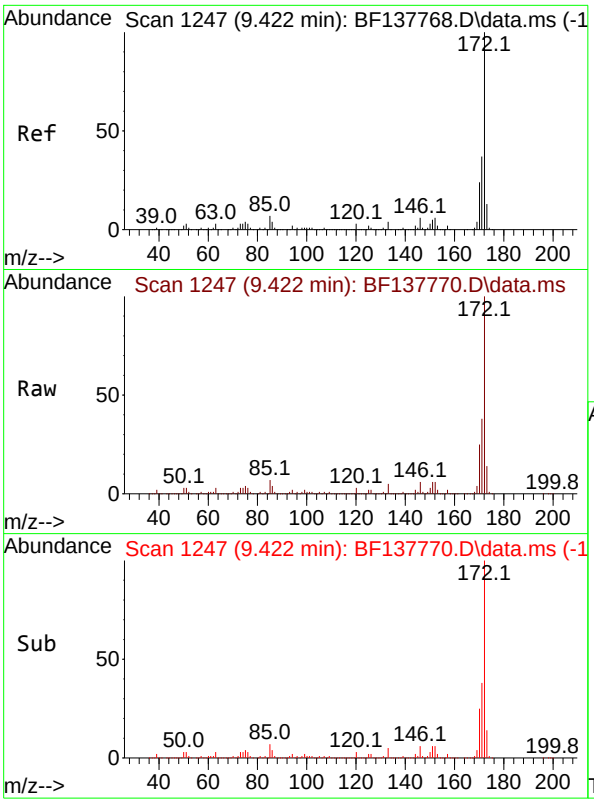


#44
2,4,5-Trichlorophenol
Concen: 60.290 ng
RT: 9.369 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:196 Resp: 590842

Ion	Ratio	Lower	Upper
196	100		
198	97.1	76.6	114.8
97	47.4	34.5	51.7
132	28.2	20.3	30.5

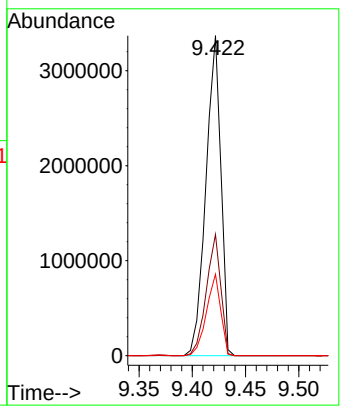




#45
2-Fluorobiphenyl
Concen: 108.764 ng
RT: 9.422 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:172 Resp: 330030

Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.6	44.4
170	25.5	19.4	29.2



Instrument :
BNA_F
ClientSampleId :
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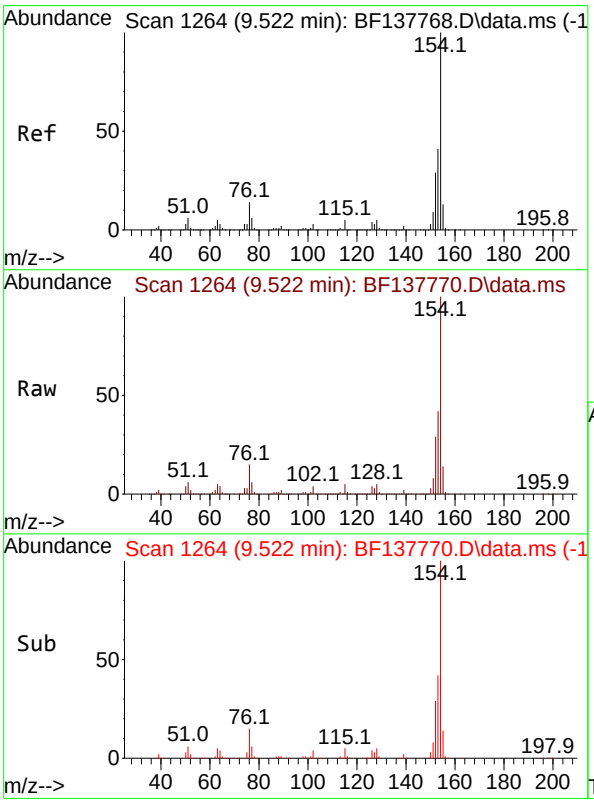
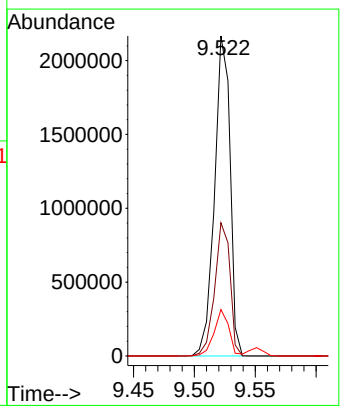
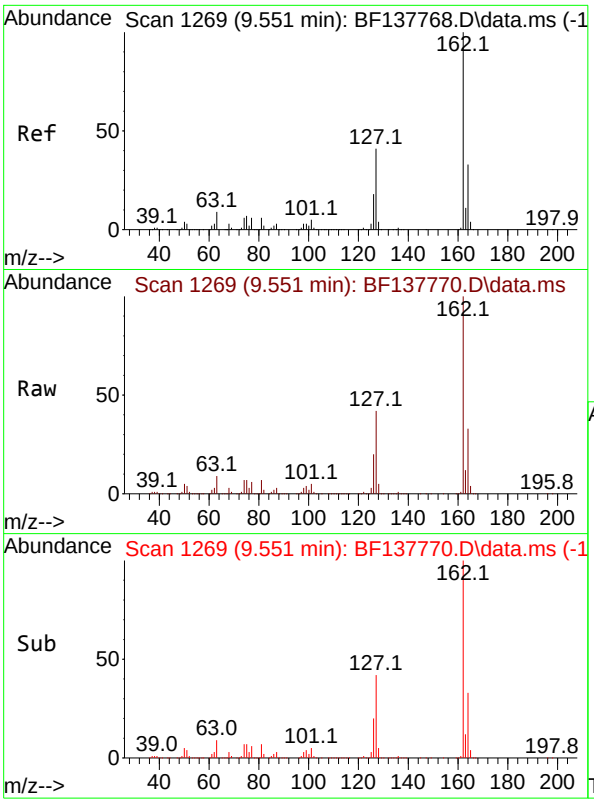


#46
1,1'-Biphenyl
Concen: 57.169 ng
RT: 9.522 min Scan# 1264
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:154 Resp: 1931437

Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.4	61.4
76	14.5	0.0	33.5

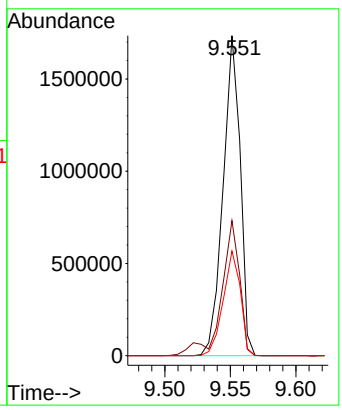




#47
2-Chloronaphthalene
Concen: 57.644 ng
RT: 9.551 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:162 Resp: 157229

Ion	Ratio	Lower	Upper
162	100		
127	42.2	32.6	49.0
164	32.7	26.5	39.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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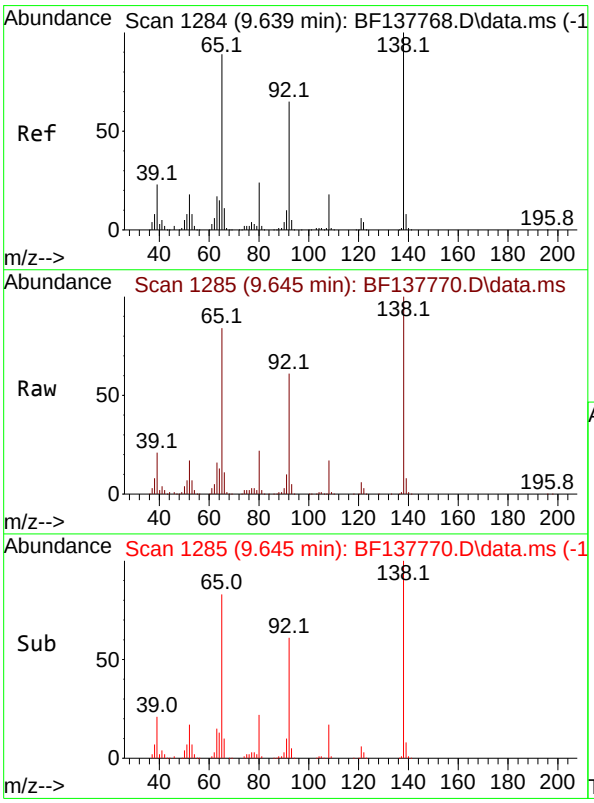
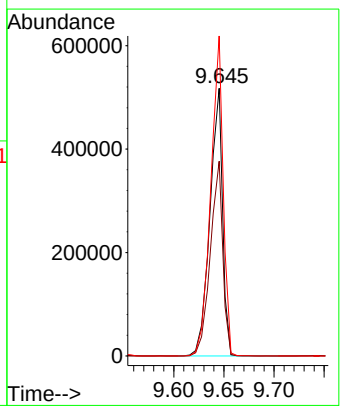
Supervised By :mohammad ahmed 05/03/2024

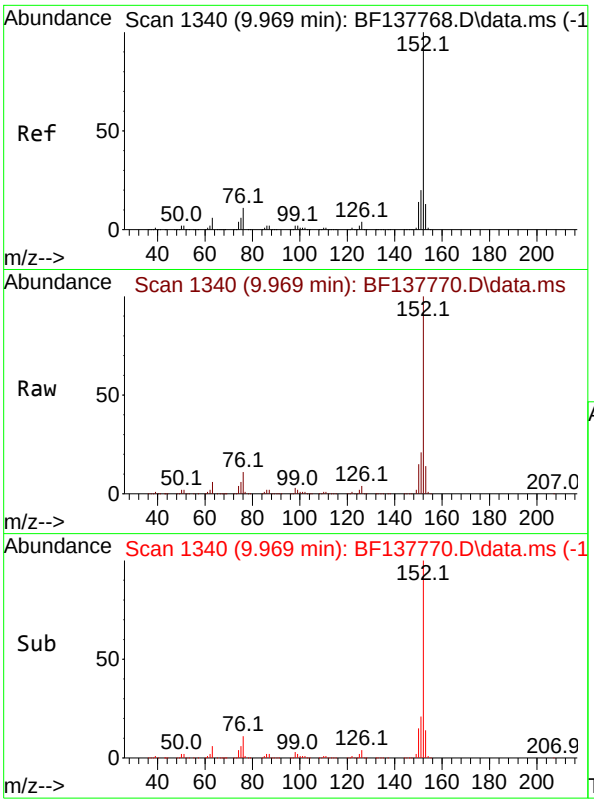


#48
2-Nitroaniline
Concen: 61.443 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion: 65 Resp: 454524

Ion	Ratio	Lower	Upper
65	100		
92	72.8	58.6	88.0
138	119.5	90.3	135.5

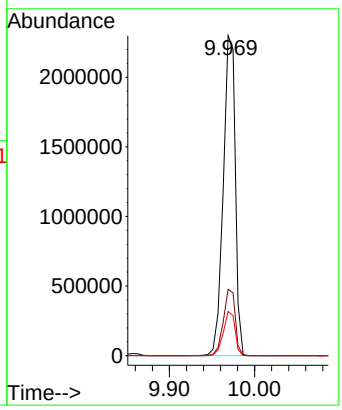




#49
Acenaphthylene
Concen: 57.227 ng
RT: 9.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:152 Resp: 225798

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.2	24.4
153	13.8	10.8	16.2



Instrument :
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ClientSampleId :
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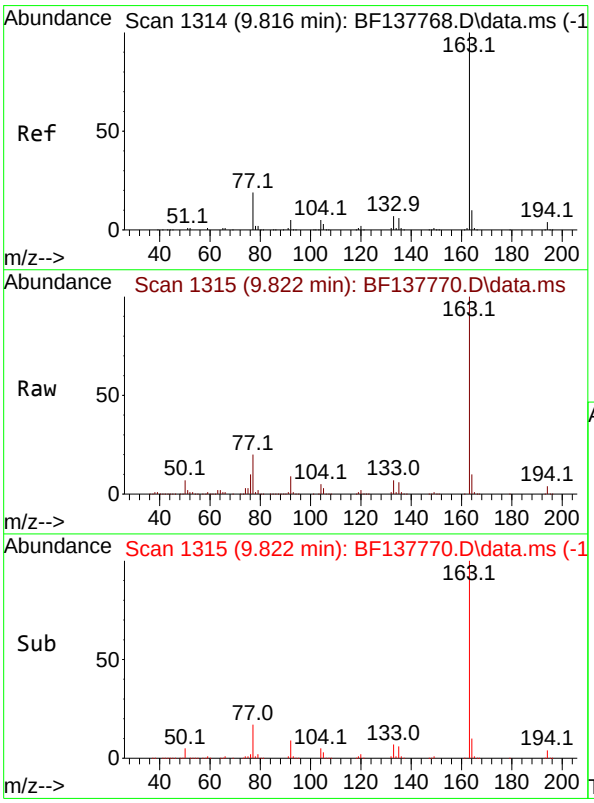
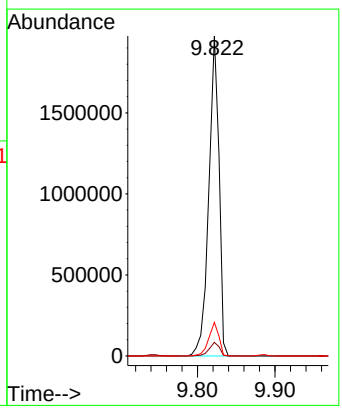
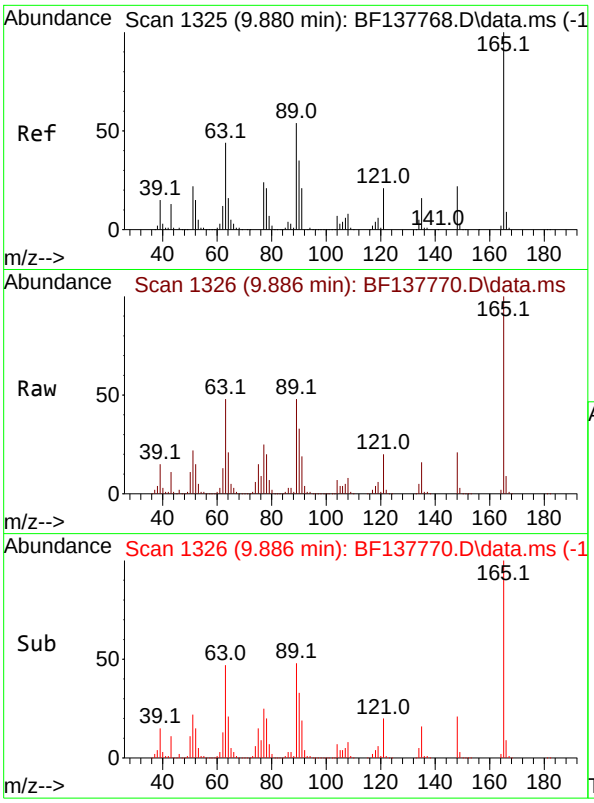


#50
Dimethylphthalate
Concen: 58.057 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:163 Resp: 1804248

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.5	8.3	12.5





#51
2,6-Dinitrotoluene
Concen: 60.955 ng
RT: 9.886 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:165 Resp: 43291

Ion	Ratio	Lower	Upper
165	100		
63	47.5	41.9	62.9
89	48.3	43.2	64.8

Instrument :
BNA_F
ClientSampleId :
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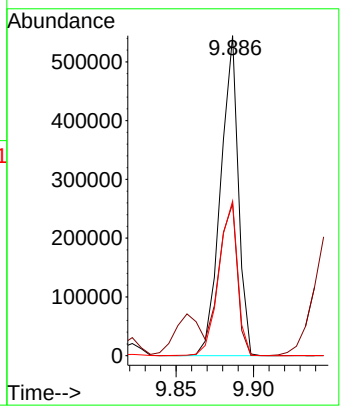
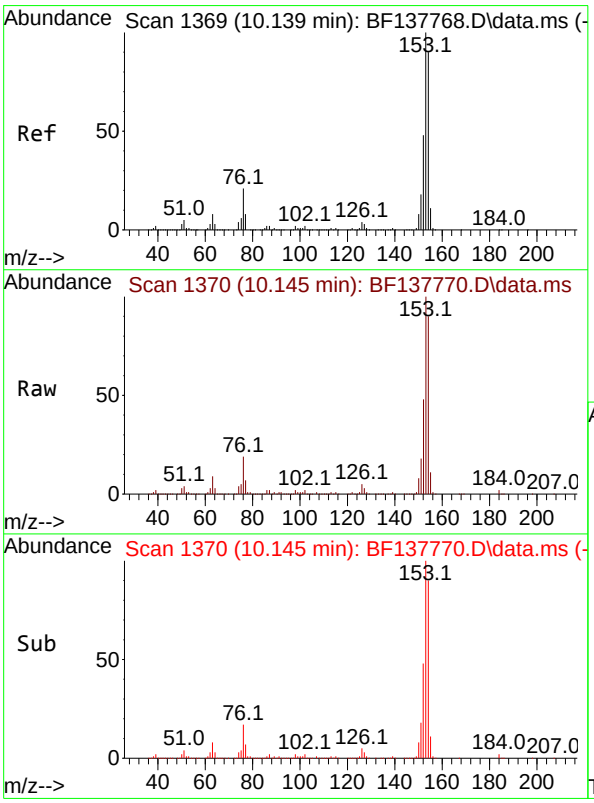
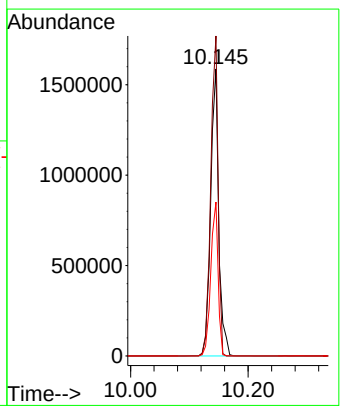


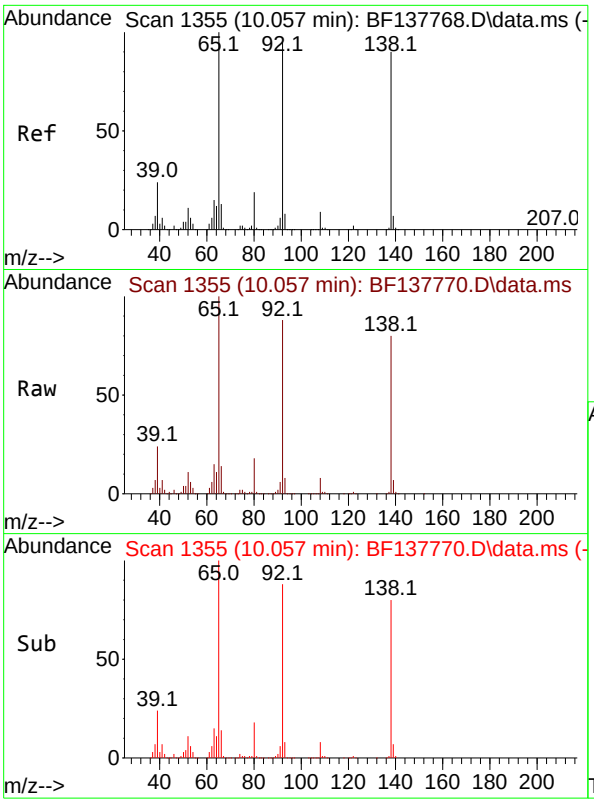


#52
Acenaphthene
Concen: 57.511 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:154 Resp: 1504130

Ion	Ratio	Lower	Upper
154	100		
153	111.5	88.7	133.1
152	53.6	42.8	64.2





#53
3-Nitroaniline
Concen: 60.352 ng
RT: 10.057 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:138 Resp: 44886

Ion	Ratio	Lower	Upper
138	100		
108	10.3	7.8	11.6
92	110.2	84.6	126.8

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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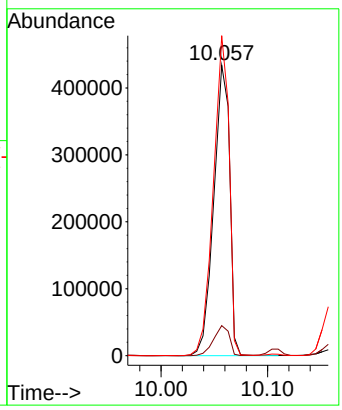
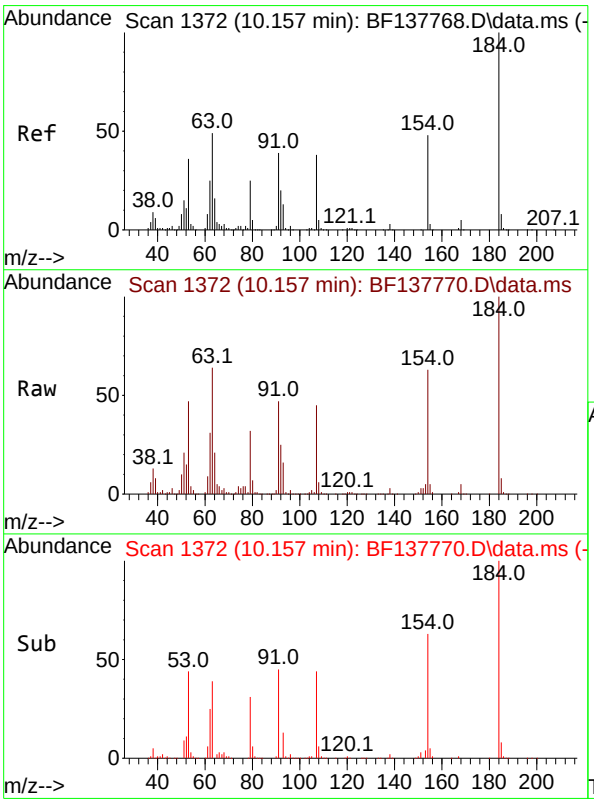
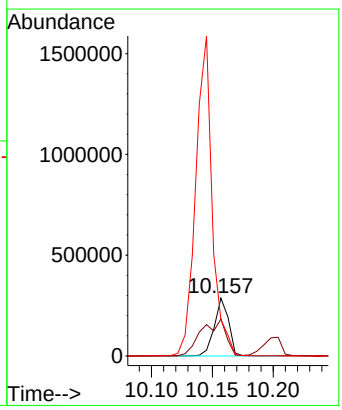


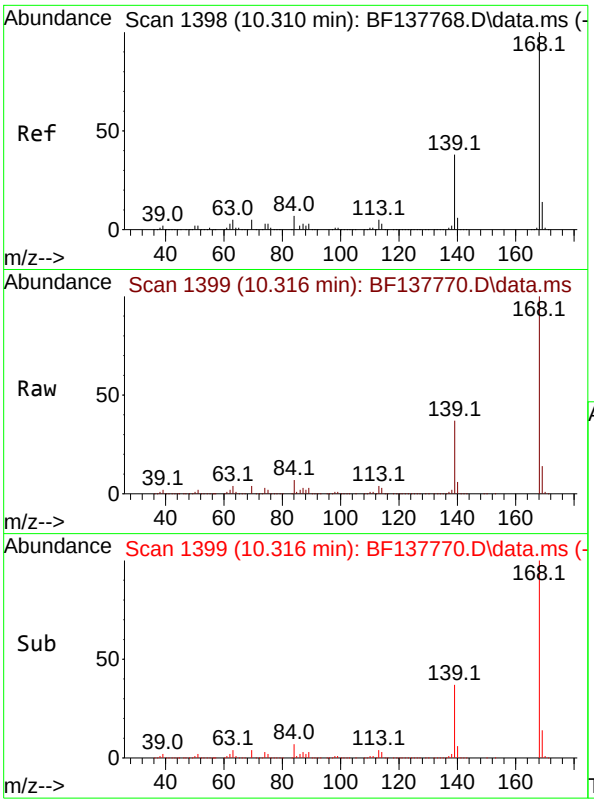


#54
2,4-Dinitrophenol
Concen: 67.544 ng
RT: 10.157 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:184 Resp: 235707

Ion	Ratio	Lower	Upper
184	100		
63	64.0	40.3	60.5#
154	62.9	45.2	67.8

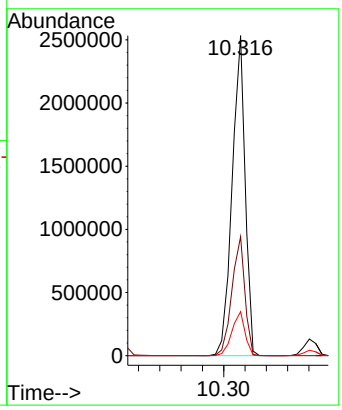




#55
Dibenzofuran
Concen: 56.389 ng
RT: 10.316 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:168 Resp: 214614

Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.2	45.4
169	13.7	11.4	17.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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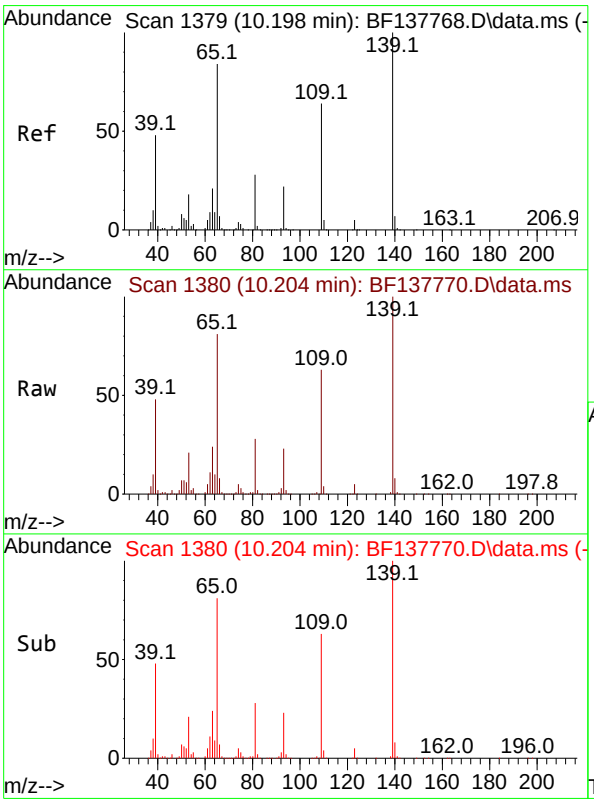
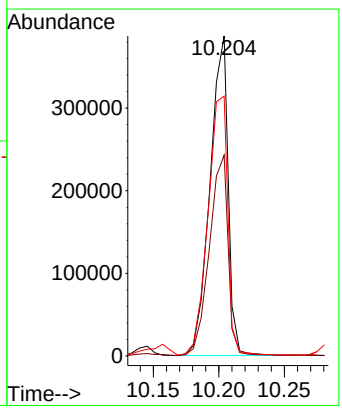
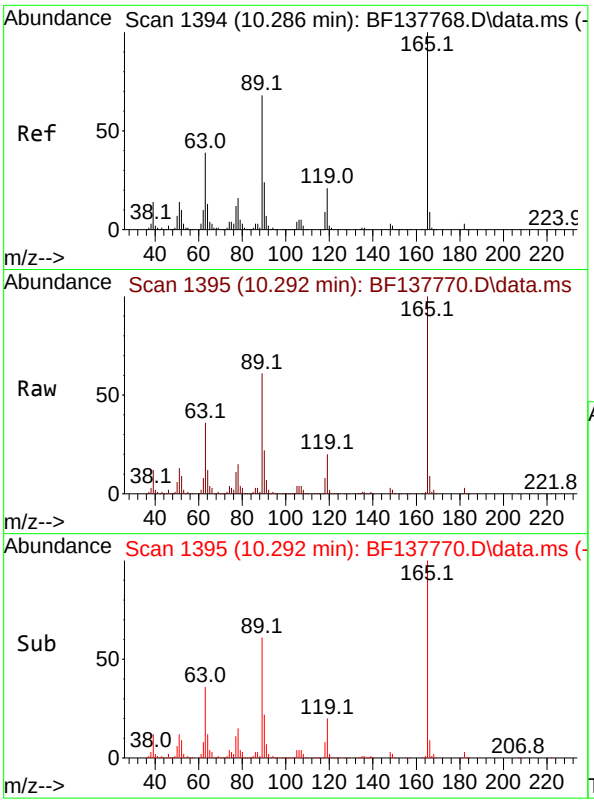


#56
4-Nitrophenol
Concen: 60.464 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:139 Resp: 372710

Ion	Ratio	Lower	Upper
139	100		
109	62.8	44.0	84.0
65	81.2	64.3	104.3

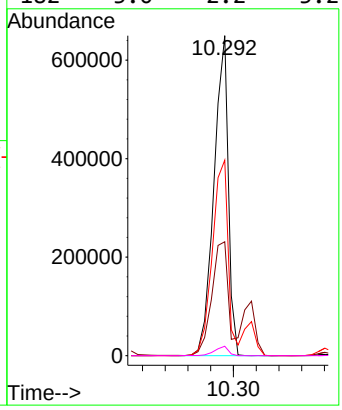




#57
2,4-Dinitrotoluene
Concen: 61.449 ng
RT: 10.292 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:165 Resp: 57015

Ion	Ratio	Lower	Upper
165	100		
63	35.6	31.3	46.9
89	61.1	54.2	81.4
182	3.0	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
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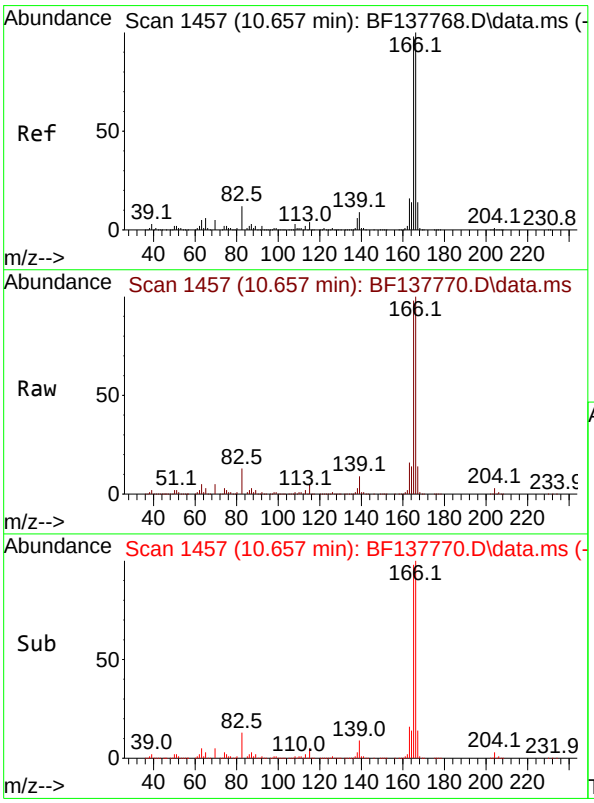
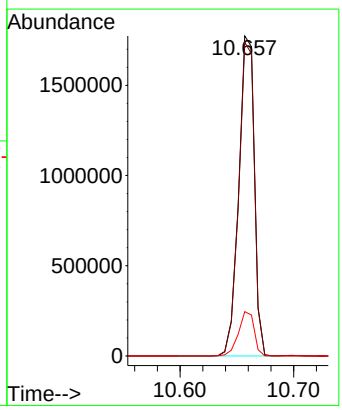
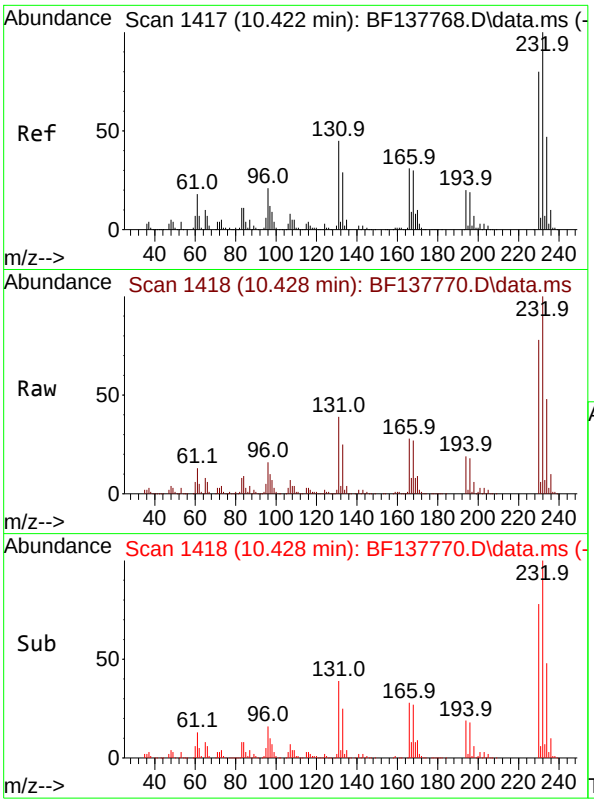


#58
Fluorene
Concen: 56.061 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:166 Resp: 1698084

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.2	117.2
167	13.9	10.9	16.3

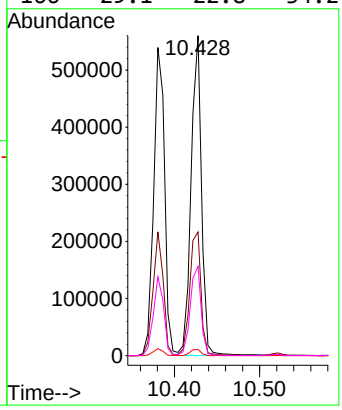




#59
2,3,4,6-Tetrachlorophenol
Concen: 59.572 ng
RT: 10.428 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:232 Resp: 47397

Ion	Ratio	Lower	Upper
232	100		
131	41.8	33.4	50.0
130	2.1	1.7	2.5
166	29.1	22.8	34.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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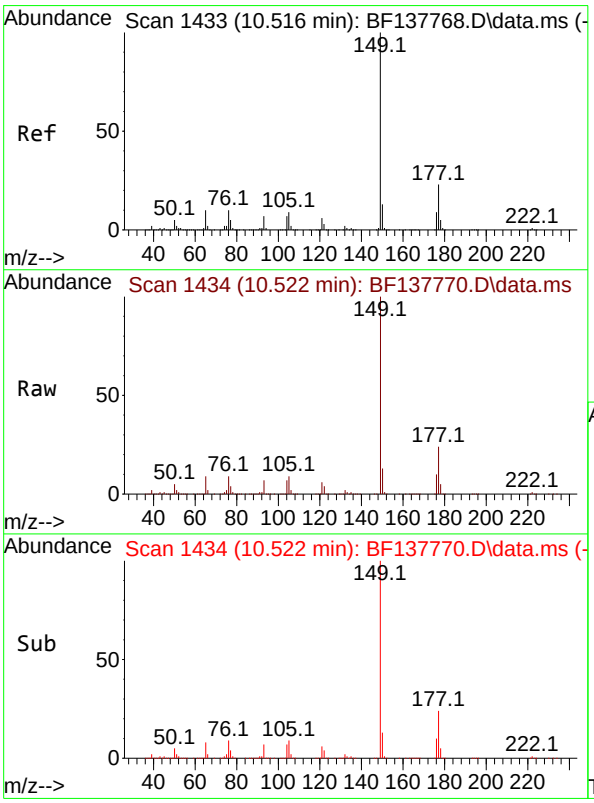
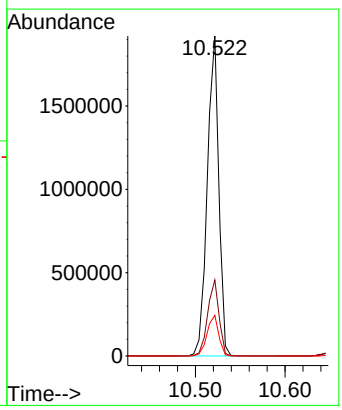
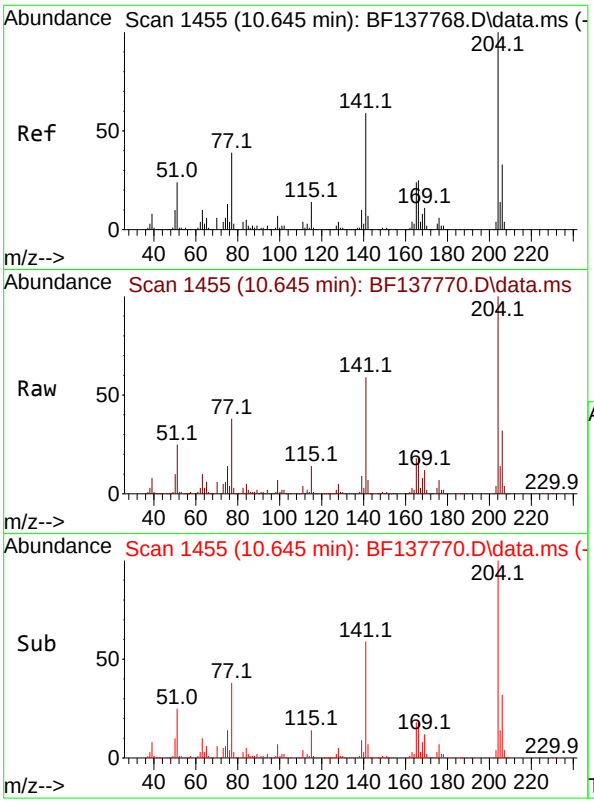


#60
Diethylphthalate
Concen: 57.844 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:149 Resp: 1707291

Ion	Ratio	Lower	Upper
149	100		
177	23.8	18.4	27.6
150	12.7	10.5	15.7





#61
4-Chlorophenyl-phenylether
Concen: 57.235 ng
RT: 10.645 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:204 Resp: 85421

Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.4	39.6
141	59.1	47.0	70.6

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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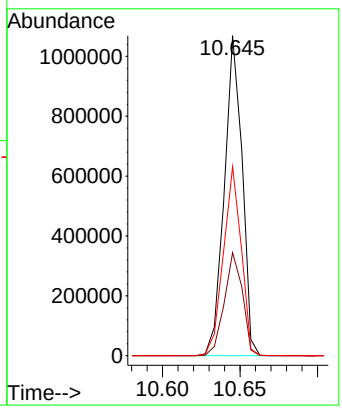
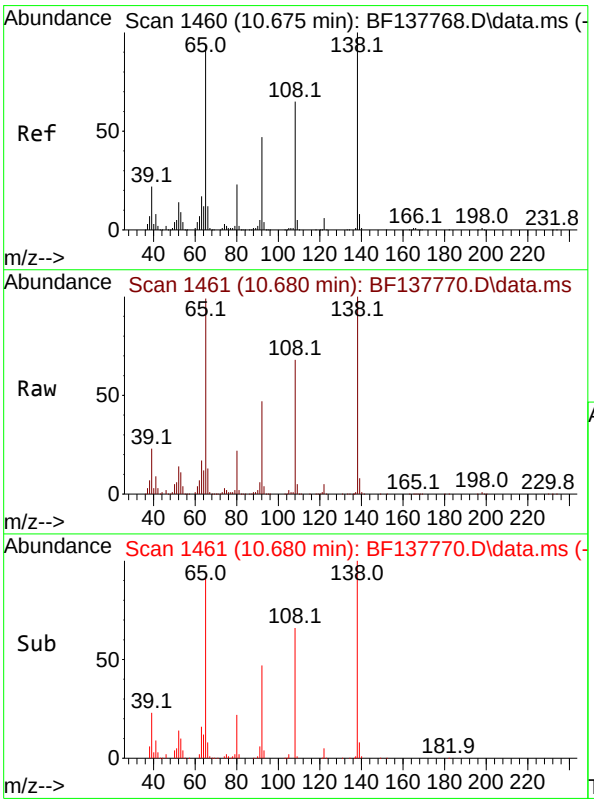
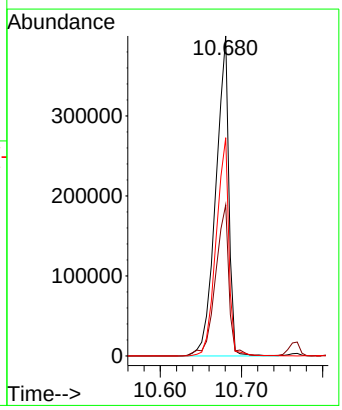


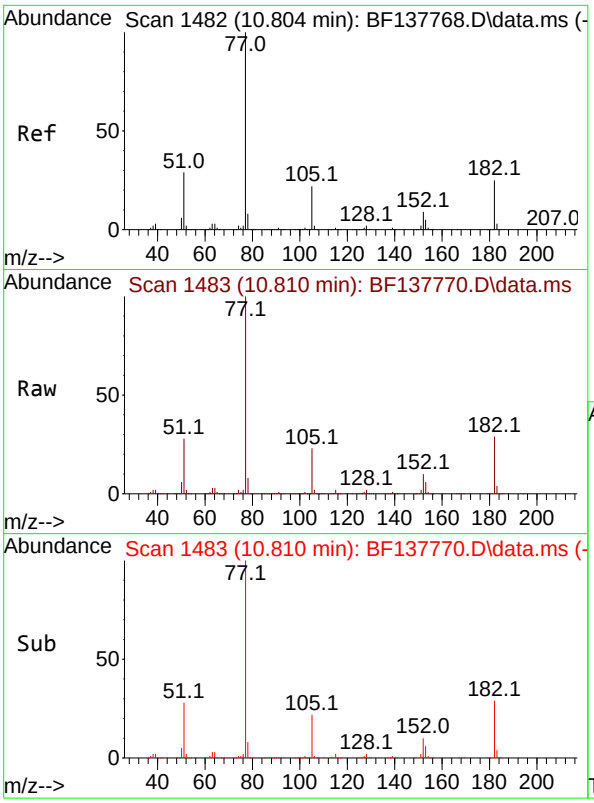


#62
4-Nitroaniline
Concen: 59.425 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:138 Resp: 448294

Ion	Ratio	Lower	Upper
138	100		
92	47.2	26.8	66.8
108	68.2	44.7	84.7

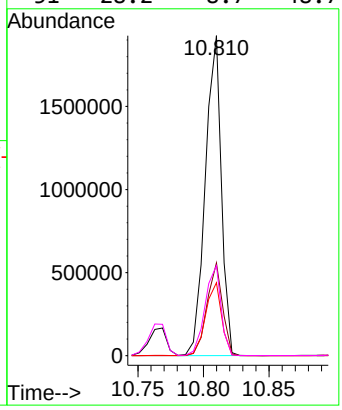




#63
Azobenzene
Concen: 57.373 ng
RT: 10.810 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion: 77 Resp: 163668

Ion	Ratio	Lower	Upper
77	100		
182	29.0	5.1	45.1
105	22.8	2.2	42.2
51	28.2	8.7	48.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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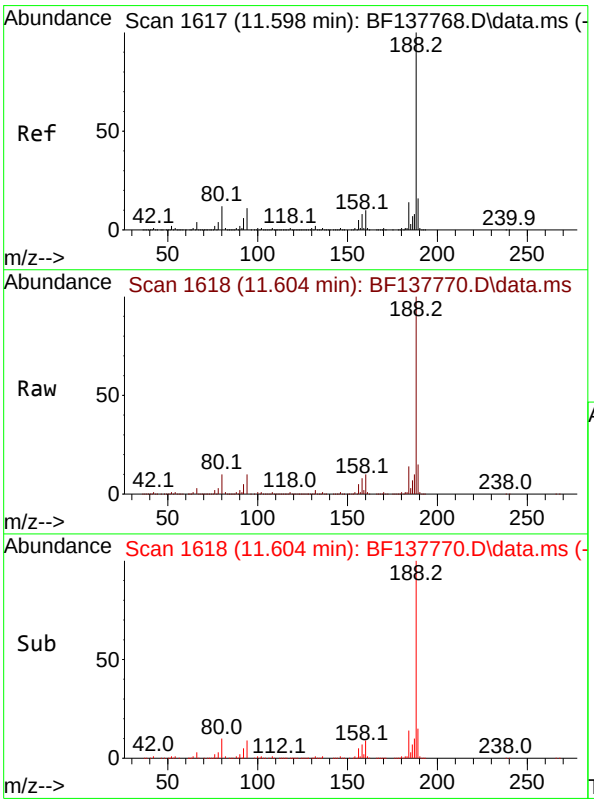
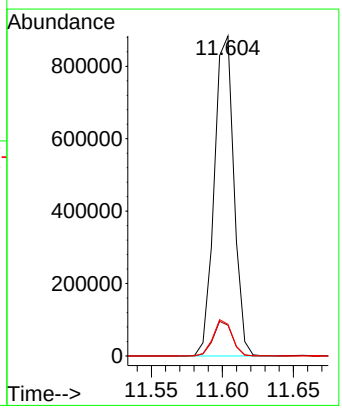
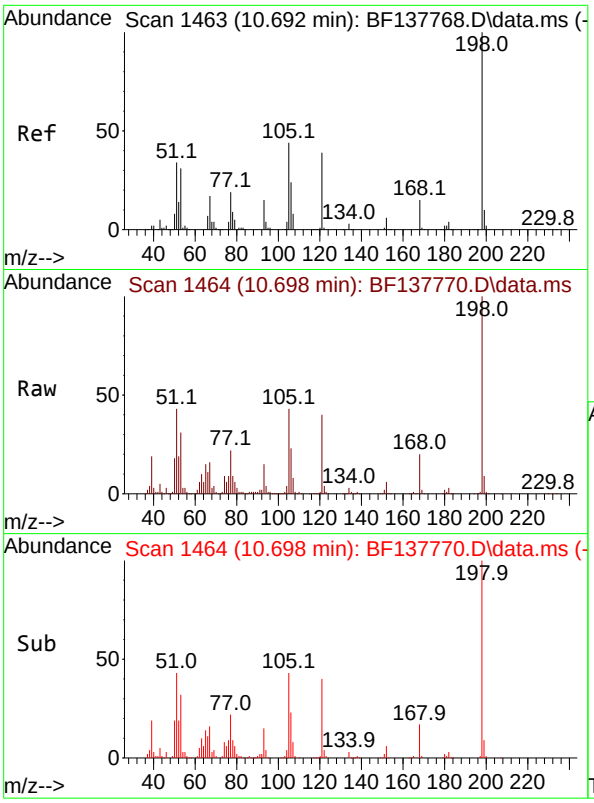


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.604 min Scan# 1618
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:188 Resp: 850921

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.8	13.2
80	9.9	9.6	14.4





#65
4,6-Dinitro-2-methylphenol
Concen: 65.868 ng
RT: 10.698 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:198 Resp: 32170

Ion	Ratio	Lower	Upper
198	100		
51	43.0	25.1	65.1
105	42.8	24.1	64.1

Instrument :
BNA_F
ClientSampleId :
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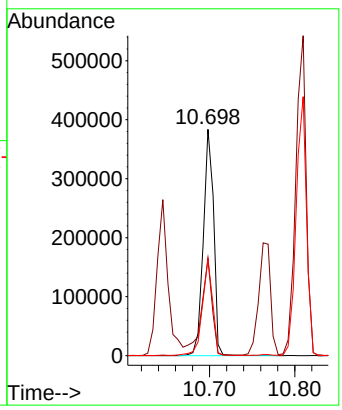
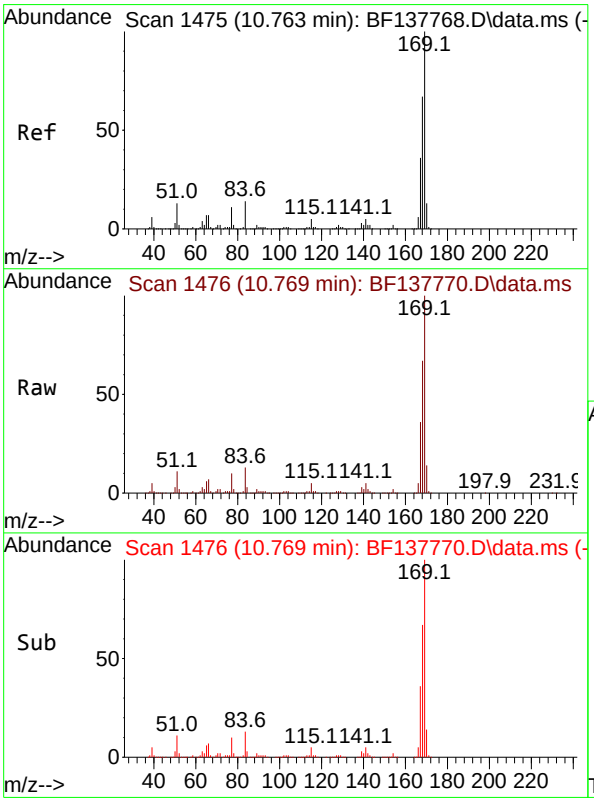
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/03/2024

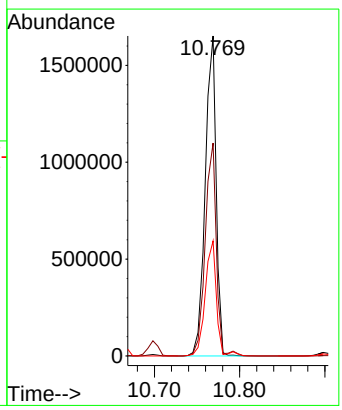


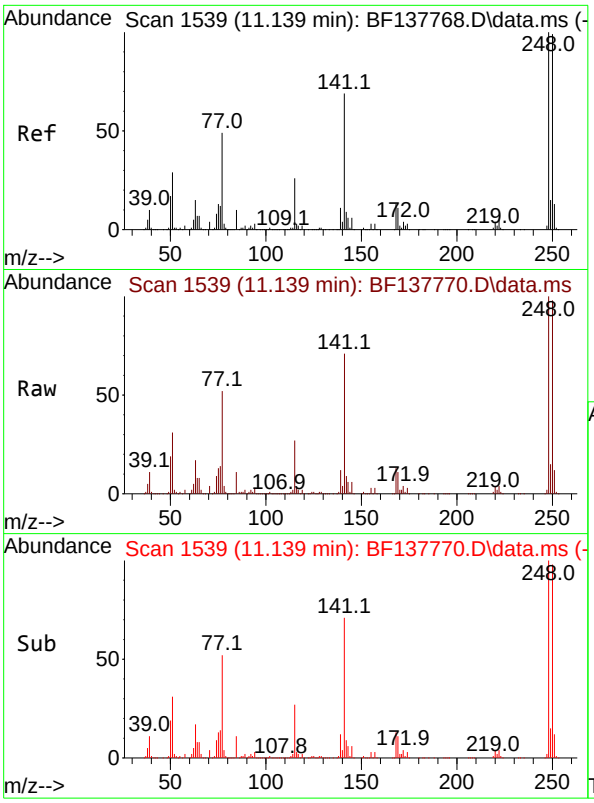


#66
n-Nitrosodiphenylamine
Concen: 57.552 ng
RT: 10.769 min Scan# 1476
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:169 Resp: 1465919

Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.3	79.9
167	36.0	29.2	43.8

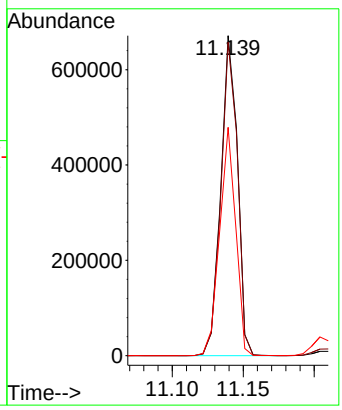




#67
4-Bromophenyl-phenylether
Concen: 60.046 ng
RT: 11.139 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:248 Resp: 54682

Ion	Ratio	Lower	Upper
248	100		
250	98.0	79.1	118.7
141	71.4	55.4	83.2



Instrument :
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ClientSampleId :
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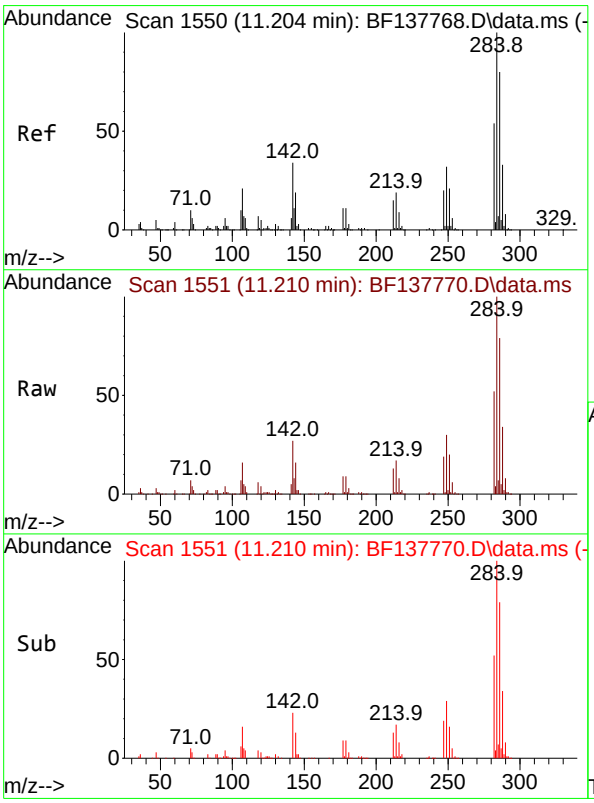
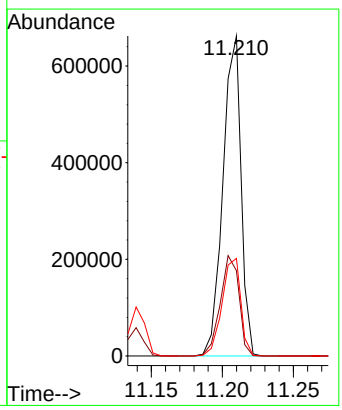
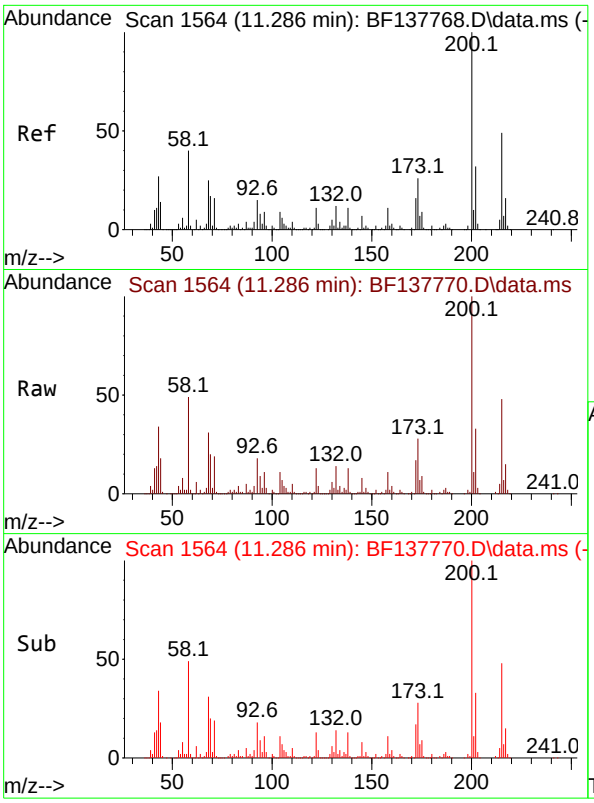


#68
Hexachlorobenzene
Concen: 58.973 ng
RT: 11.210 min Scan# 1551
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:284 Resp: 586890

Ion	Ratio	Lower	Upper
284	100		
142	26.6	27.3	40.9#
249	30.5	25.6	38.4

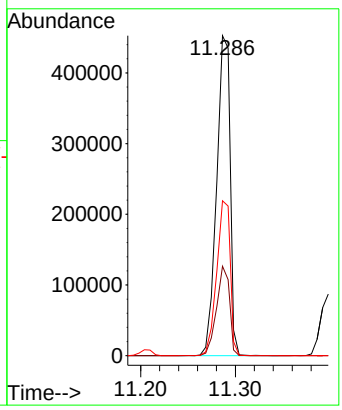




#69
Atrazine
Concen: 57.732 ng
RT: 11.286 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:200 Resp: 44837

Ion	Ratio	Lower	Upper
200	100		
173	28.0	5.9	45.9
215	48.4	28.8	68.8



Instrument :
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ClientSampleId :
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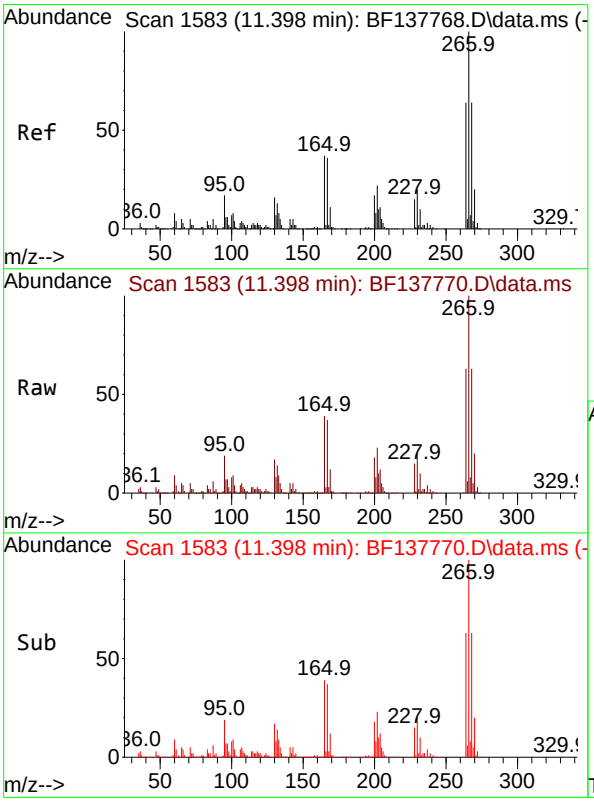
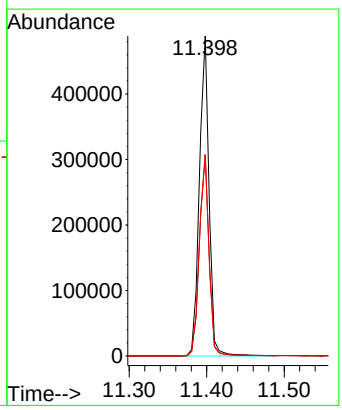
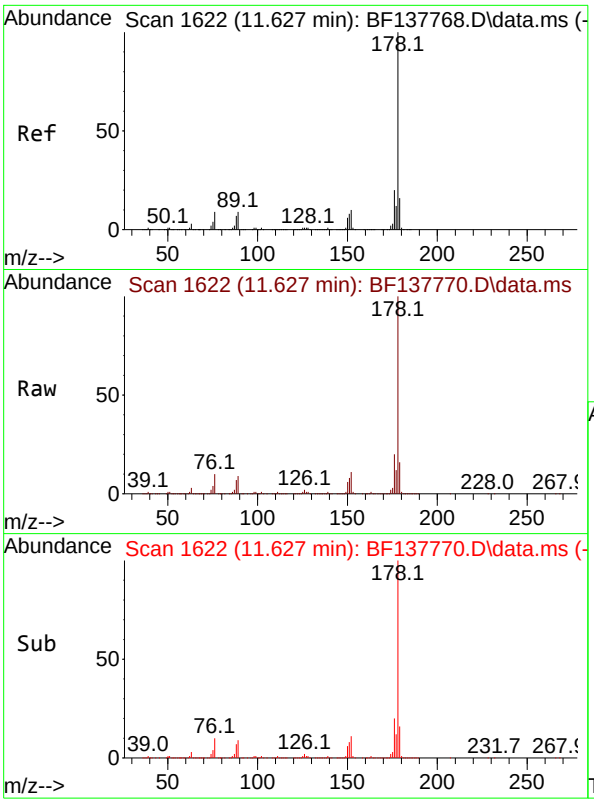


#70
Pentachlorophenol
Concen: 61.930 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:266 Resp: 423130

Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.3	76.9
264	63.0	51.0	76.4

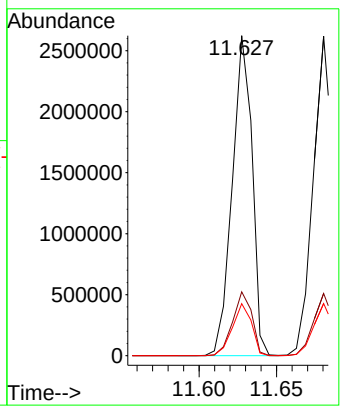




#71
Phenanthrene
Concen: 56.316 ng
RT: 11.627 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:178 Resp: 233573

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.6
179	16.3	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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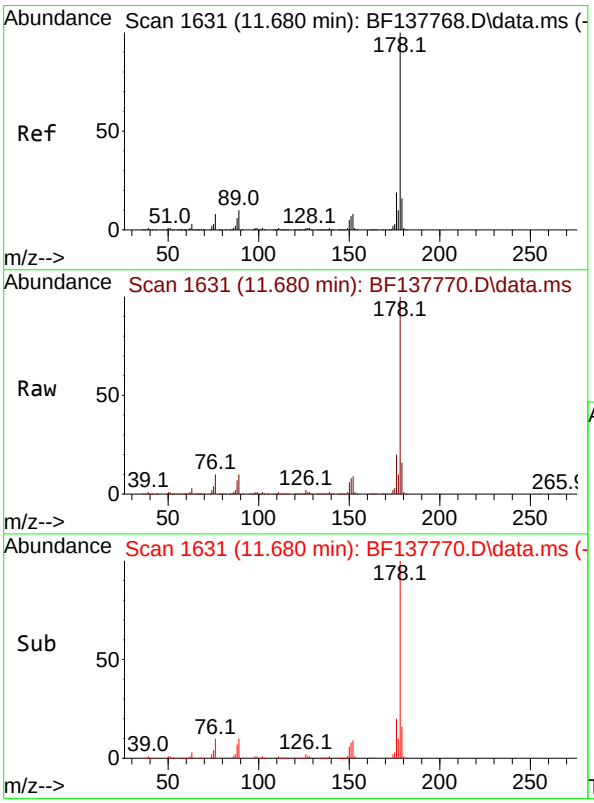
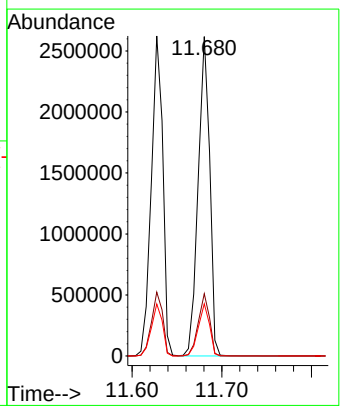
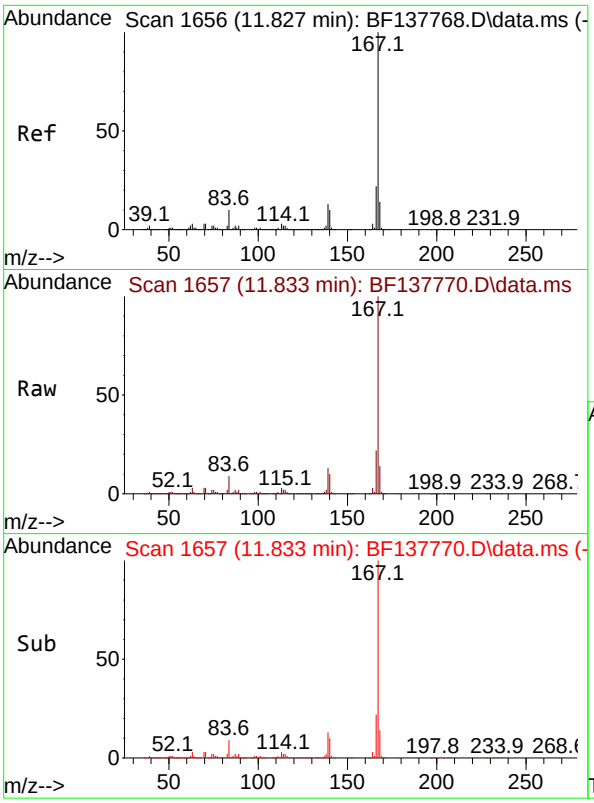


#72
Anthracene
Concen: 56.608 ng
RT: 11.680 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:178 Resp: 2336075

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.2	22.8
179	16.3	12.6	18.8





#73
Carbazole
Concen: 55.814 ng
RT: 11.833 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:167 Resp: 221979

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	13.3	10.5	15.7

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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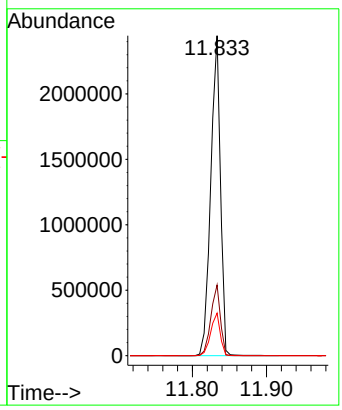
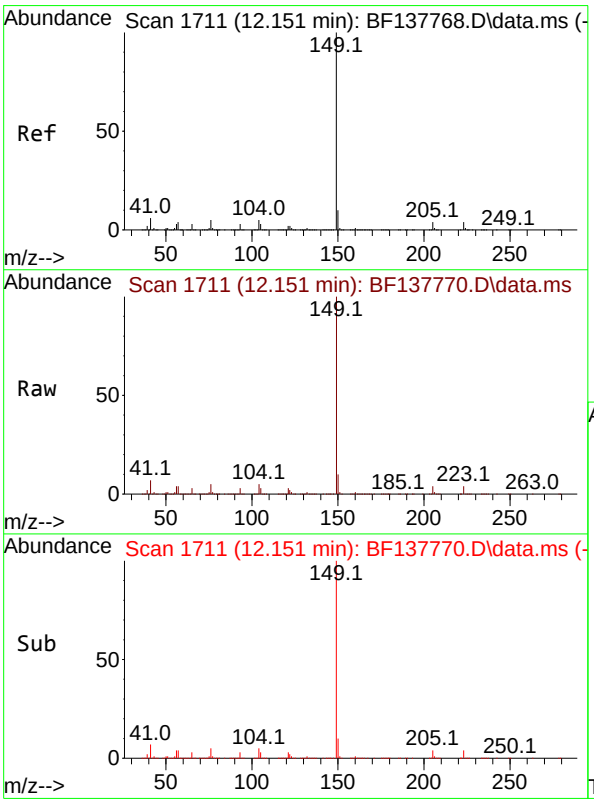
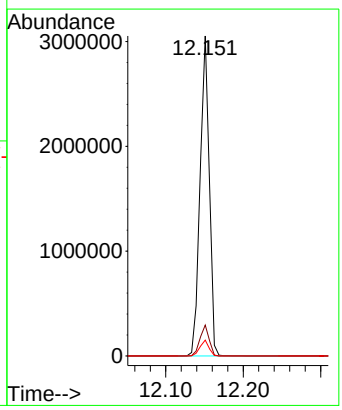


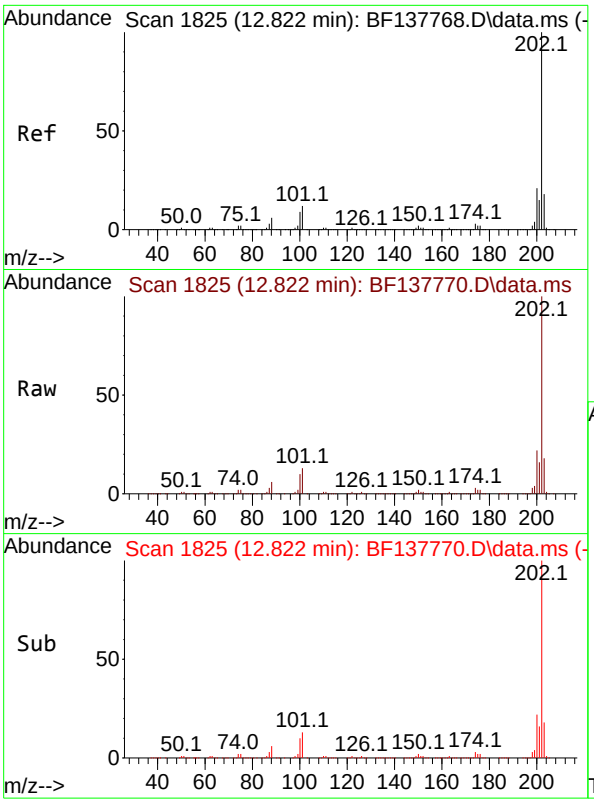


#74
Di-n-butylphthalate
Concen: 58.022 ng
RT: 12.151 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:149 Resp: 2517258

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	4.9	3.8	5.8

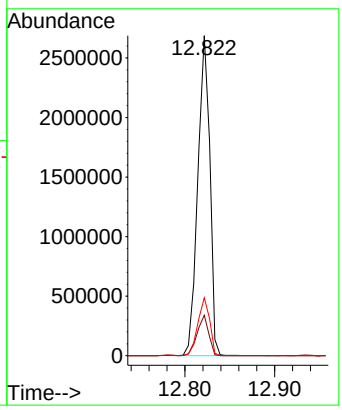




#75
Fluoranthene
Concen: 55.150 ng
RT: 12.822 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:202 Resp: 250035

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	31.8
203	18.1	0.0	37.8



Instrument :
BNA_F
ClientSampleId :
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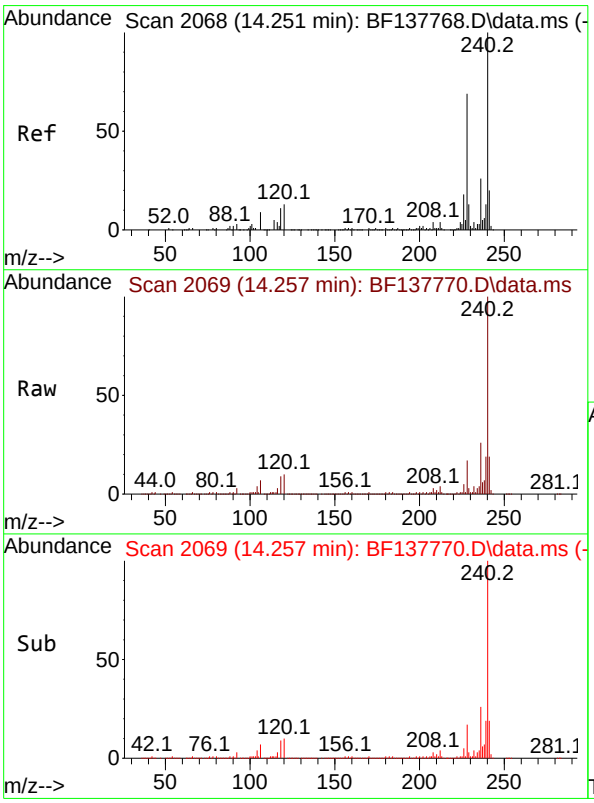
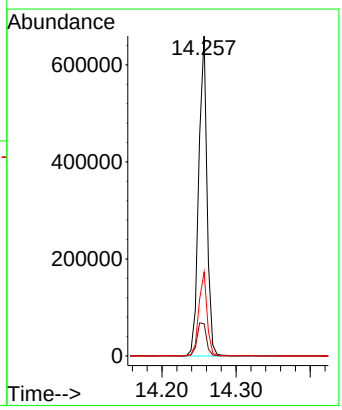
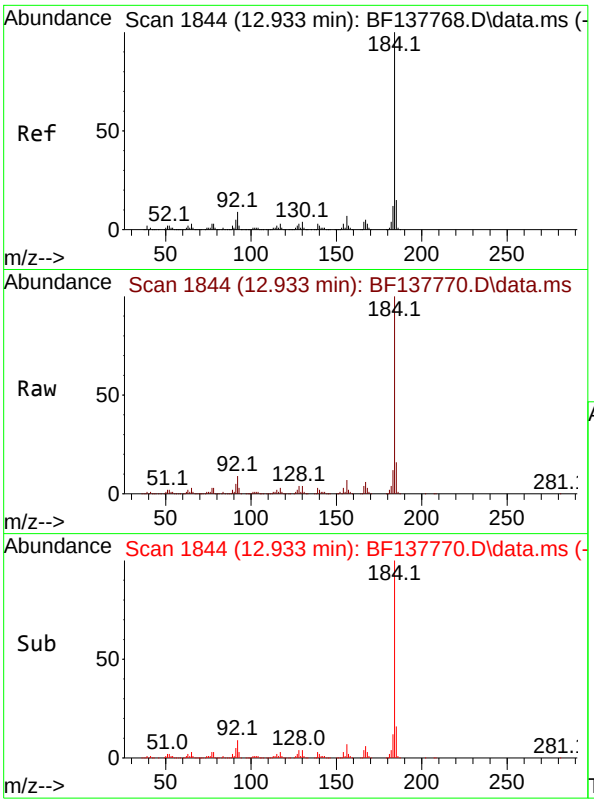


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.257 min Scan# 2069
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:240 Resp: 509540

Ion	Ratio	Lower	Upper
240	100		
120	10.1	10.4	15.6#
236	26.3	20.4	30.6

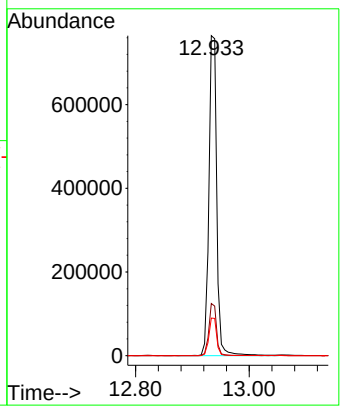




#77
Benzidine
Concen: 61.833 ng
RT: 12.933 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:184 Resp: 72866

Ion	Ratio	Lower	Upper
184	100		
185	16.3	12.3	18.5
183	11.7	9.2	13.8



Instrument :
BNA_F
ClientSampleId :
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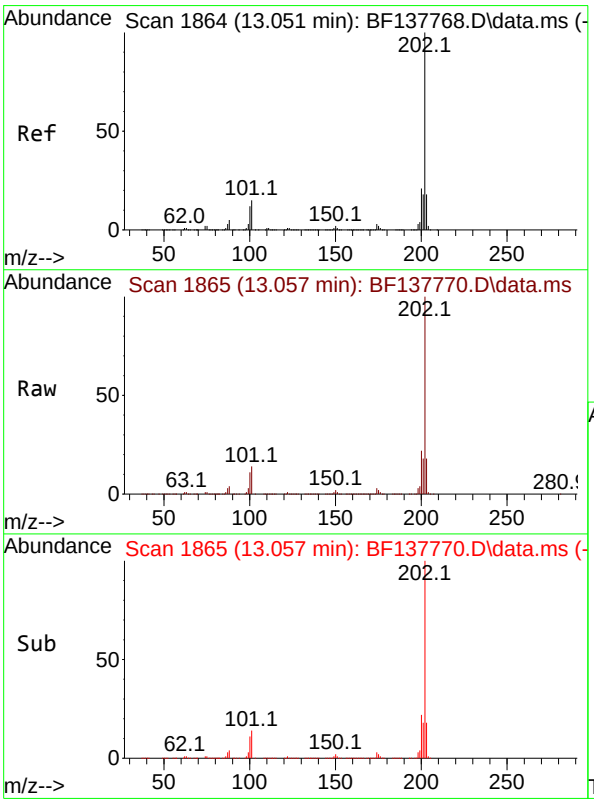
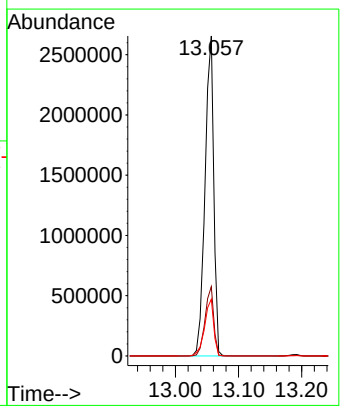
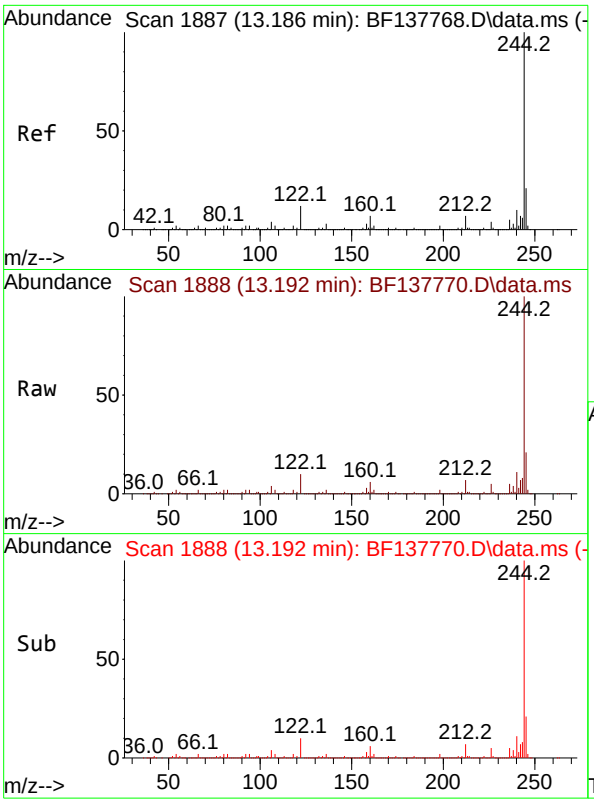


#78
Pyrene
Concen: 63.371 ng
RT: 13.057 min Scan# 1865
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:202 Resp: 2560197

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.2	25.8
203	17.7	14.4	21.6

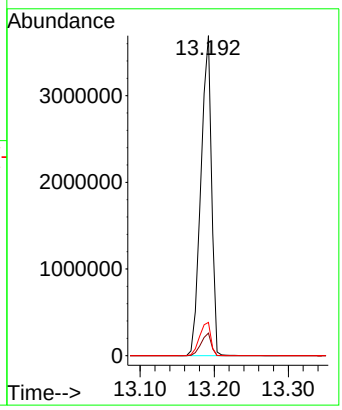




#79
Terphenyl-d14
Concen: 121.066 ng
RT: 13.192 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:244 Resp: 368096

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	10.4	9.4	14.2



Instrument :
BNA_F
ClientSampleId :
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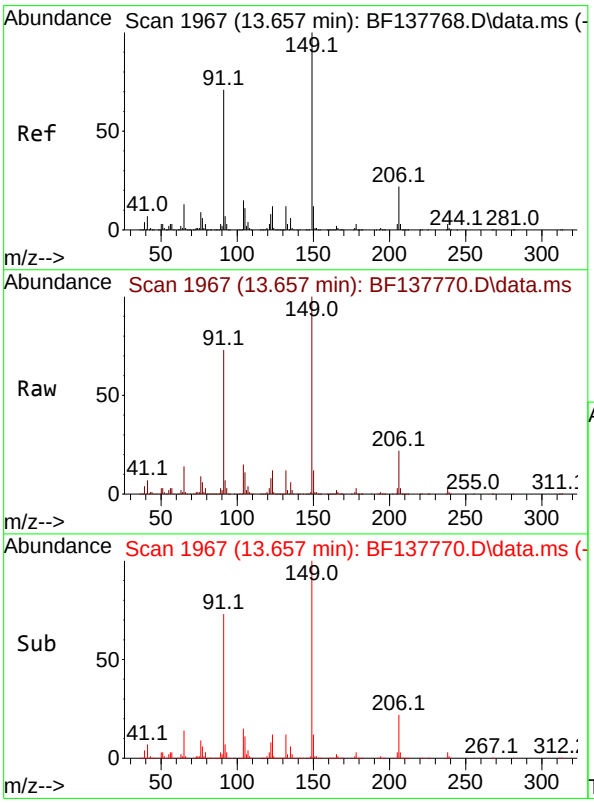
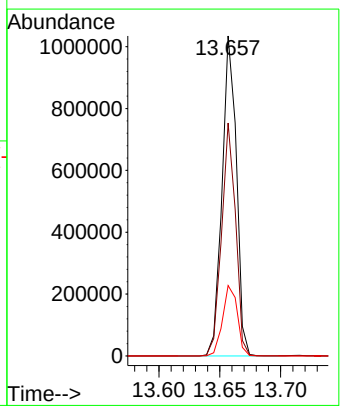
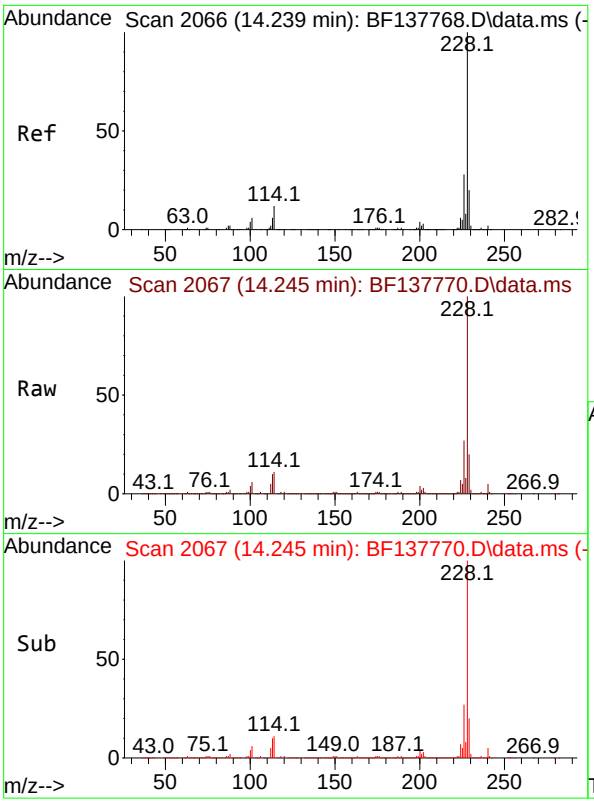


#80
Butylbenzylphthalate
Concen: 66.287 ng
RT: 13.657 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:149 Resp: 849694

Ion	Ratio	Lower	Upper
149	100		
91	72.8	56.8	85.2
206	22.0	17.8	26.8

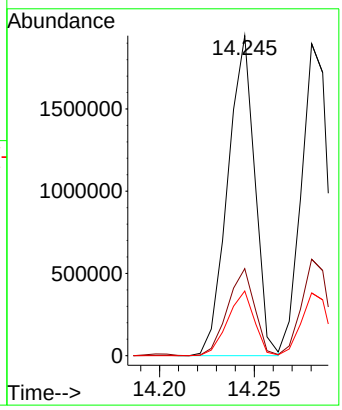




#81
Benzo(a)anthracene
Concen: 59.032 ng
RT: 14.245 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:228 Resp: 192384

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.2	33.2
229	20.2	16.3	24.5



Instrument :
BNA_F
ClientSampleId :
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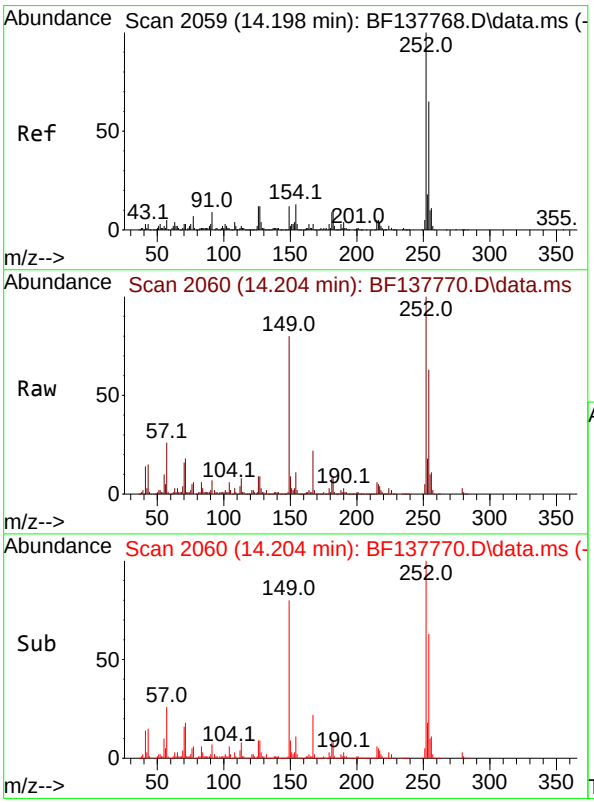
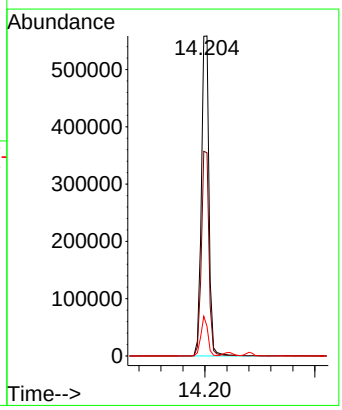
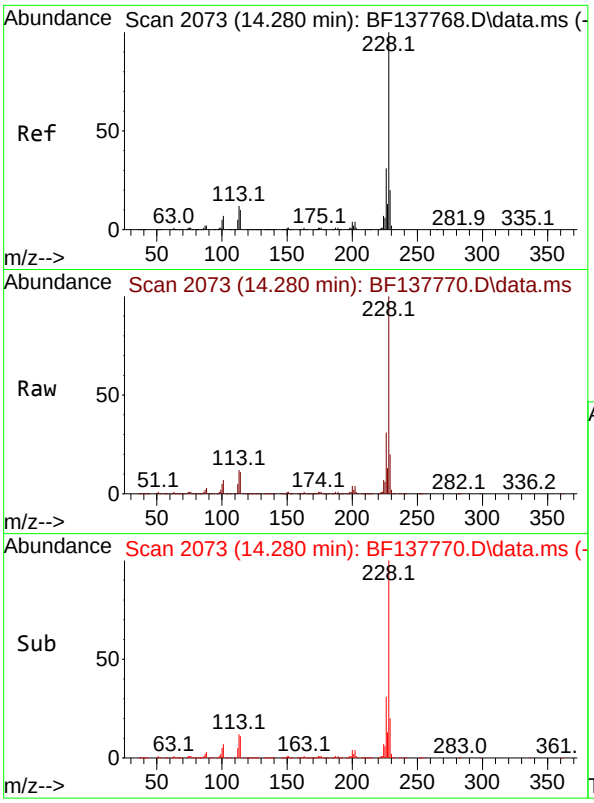


#82
3,3'-Dichlorobenzidine
Concen: 54.842 ng
RT: 14.204 min Scan# 2060
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:252 Resp: 535061

Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.7	77.5
126	9.2	9.7	14.5#

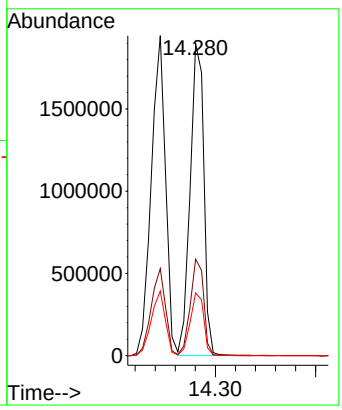




#83
Chrysene
Concen: 58.734 ng
RT: 14.280 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:228 Resp: 179224

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.8	37.2
229	20.1	16.0	24.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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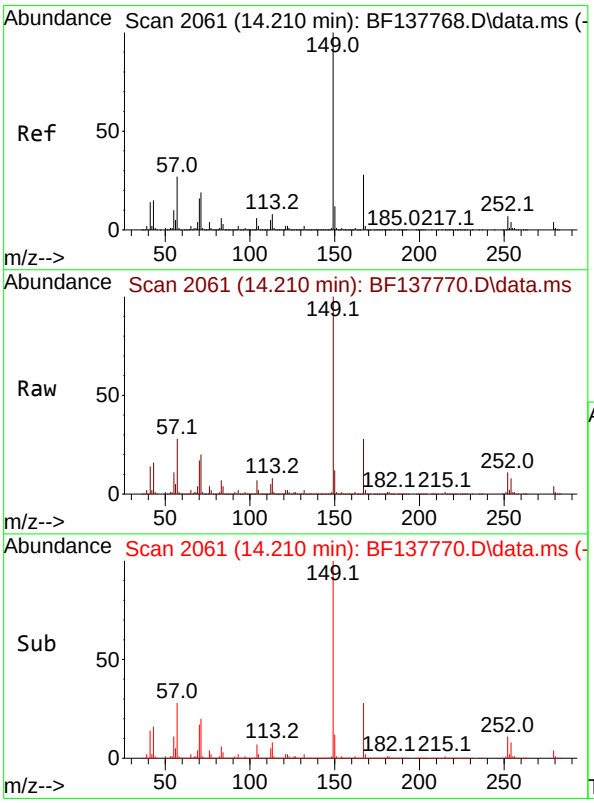
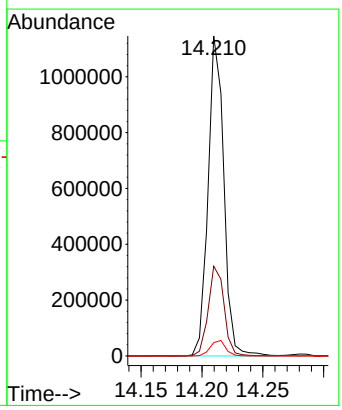
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/03/2024

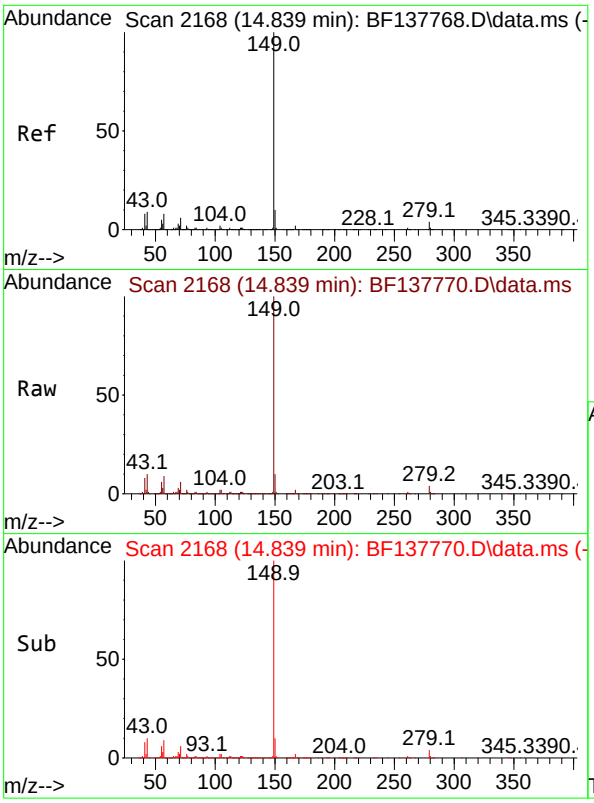


#84
Bis(2-ethylhexyl)phthalate
Concen: 63.623 ng
RT: 14.210 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:149 Resp: 1027815

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.4	33.6
279	4.2	3.6	5.4





#85
Di-n-octyl phthalate
Concen: 64.929 ng
RT: 14.839 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:149 Resp: 141163

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.5	7.5	11.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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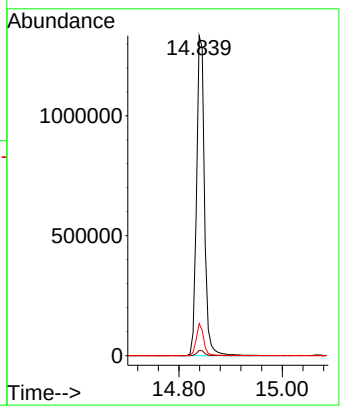
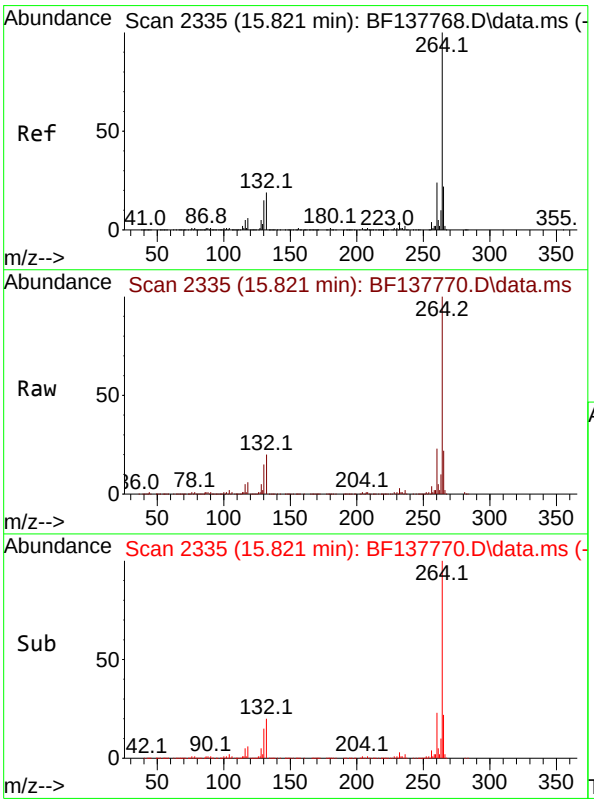
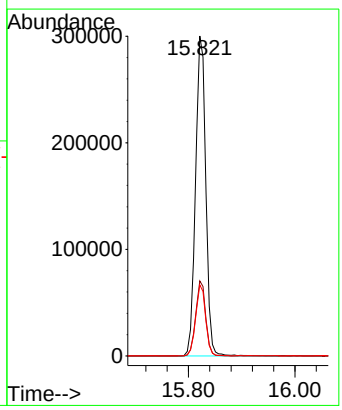


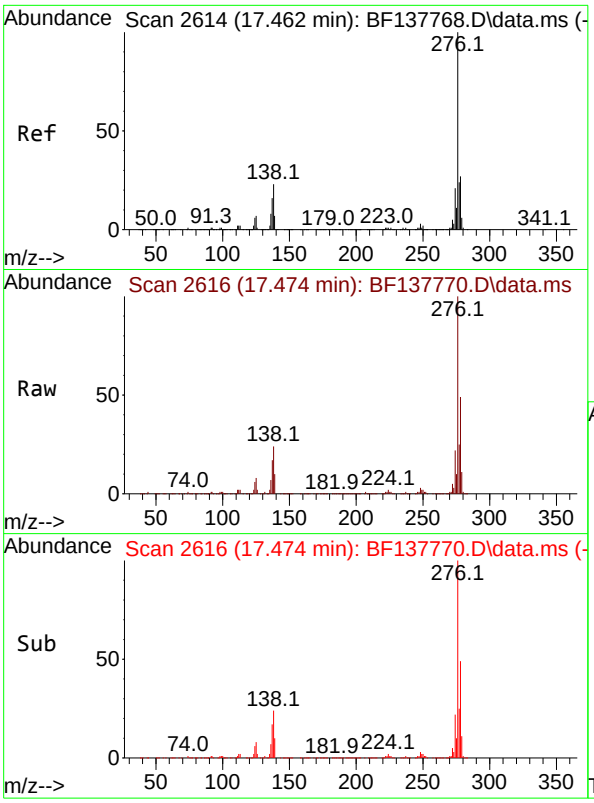


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.821 min Scan# 2335
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:264 Resp: 401526

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	22.2	17.4	26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 74.278 ng
RT: 17.474 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:276 Resp: 169560

Ion	Ratio	Lower	Upper
276	100		
138	26.4	21.4	32.0
277	25.4	20.1	30.1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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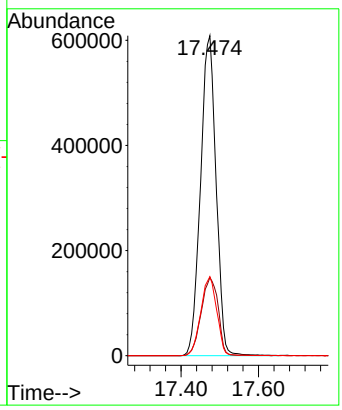
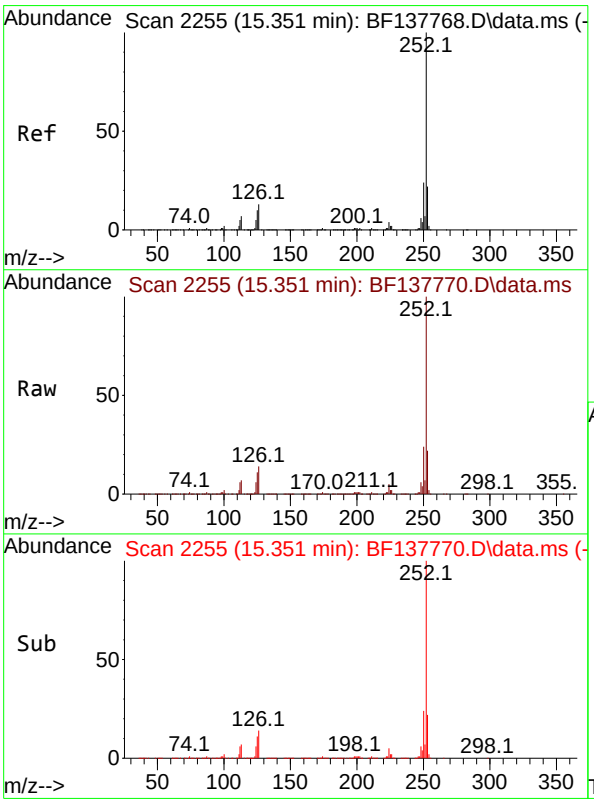
Supervised By :mohammad ahmed 05/03/2024

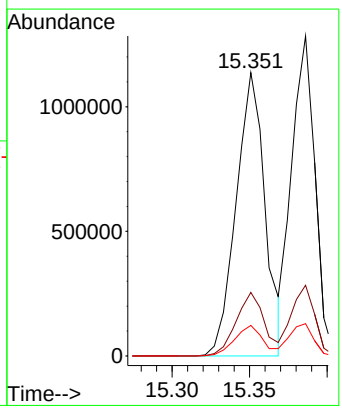


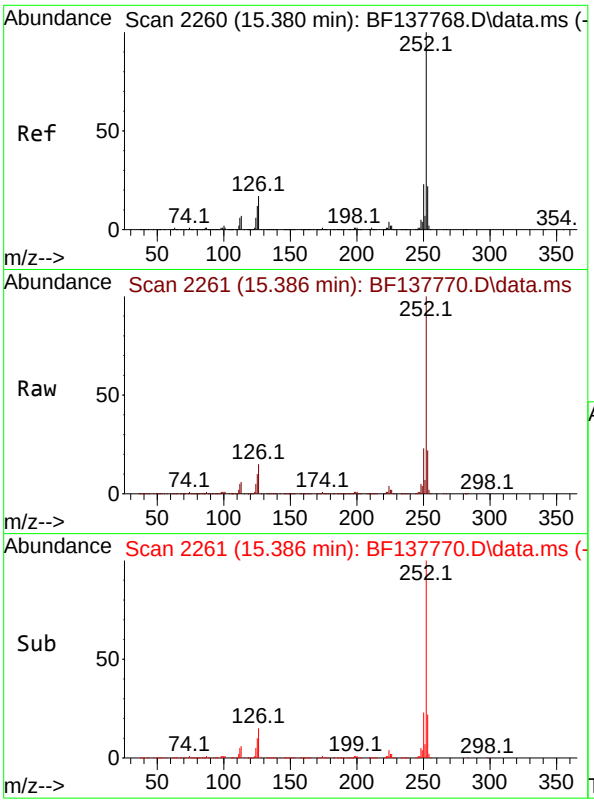


#88
Benzo(b)fluoranthene
Concen: 59.091 ng
RT: 15.351 min Scan# 2255
Delta R.T. -0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:252 Resp: 1476200

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	10.8	7.9	11.9

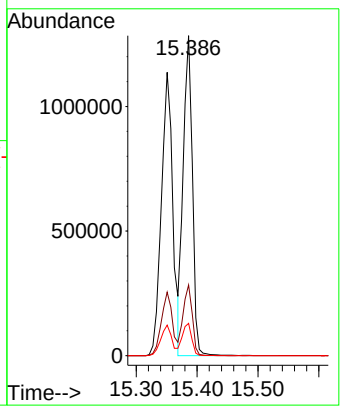




#89
Benzo(k)fluoranthene
Concen: 56.015 ng
RT: 15.386 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:252 Resp: 135252

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	10.1	9.0	13.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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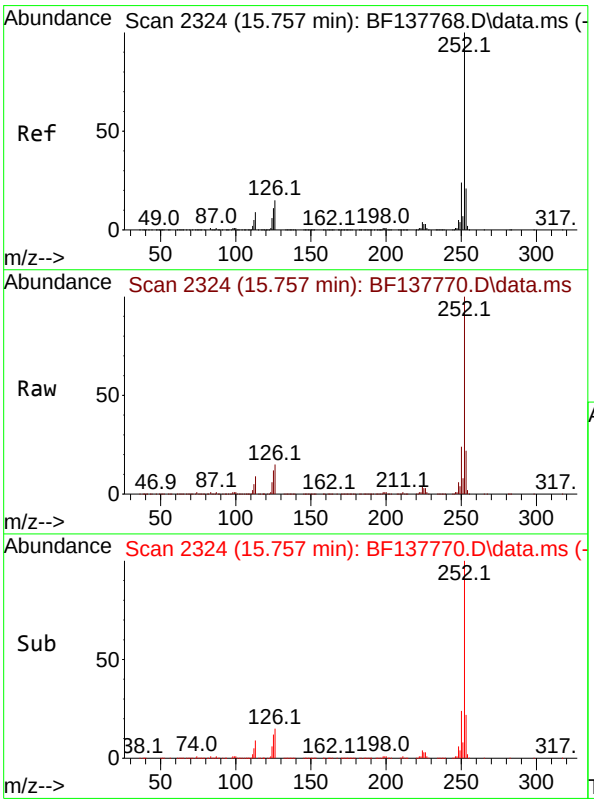
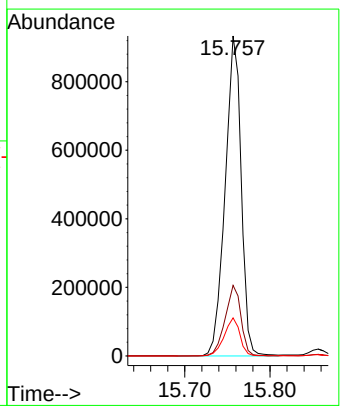
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/03/2024

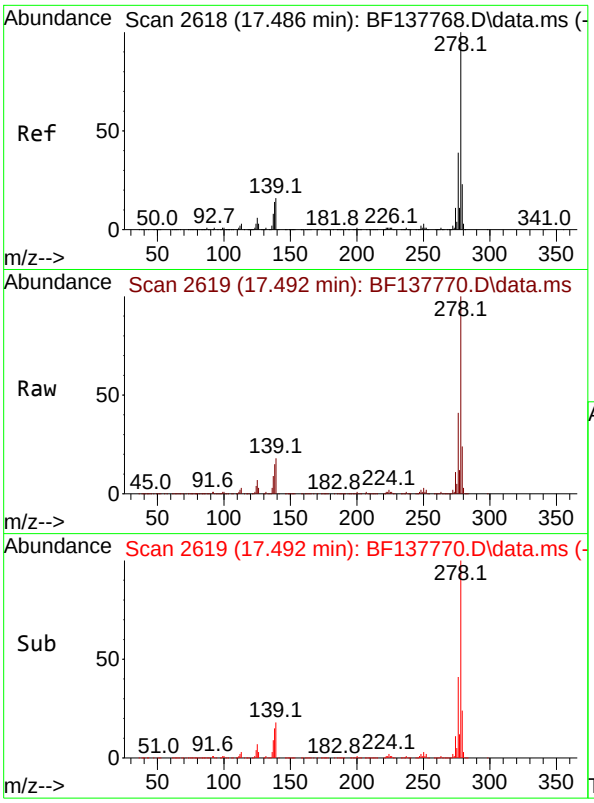


#90
Benzo(a)pyrene
Concen: 59.982 ng
RT: 15.757 min Scan# 2324
Delta R.T. 0.000 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:252 Resp: 1222498

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	11.9	9.0	13.6

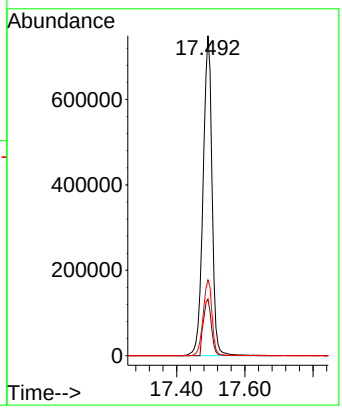




#91
Dibenzo(a,h)anthracene
Concen: 73.987 ng
RT: 17.492 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:278 Resp: 137477

Ion	Ratio	Lower	Upper
278	100		
139	17.7	13.0	19.6
279	23.6	18.7	28.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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Reviewed By :Jagrut Upadhyay 05/01/2024
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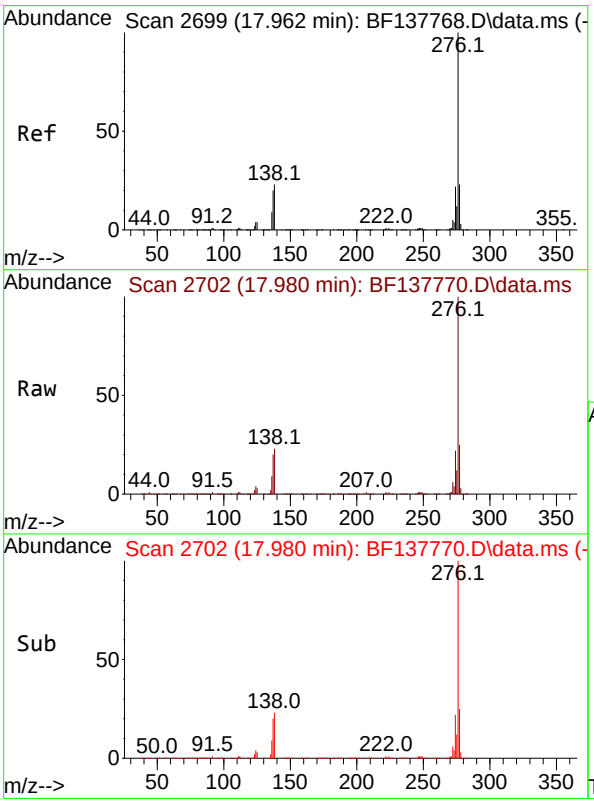
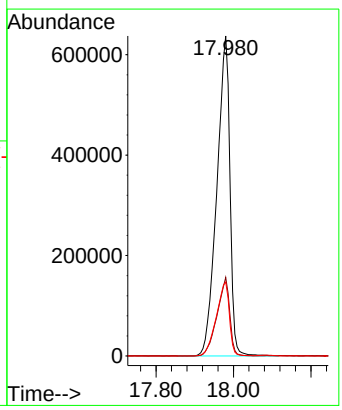


#92
Benzo(g,h,i)perylene
Concen: 76.592 ng
RT: 17.980 min Scan# 2702
Delta R.T. 0.018 min
Lab File: BF137770.D
Acq: 30 Apr 2024 14:14

Tgt Ion:276 Resp: 1491940

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.0	27.0
138	23.1	18.1	27.1