Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
Data File : BF134253.D
Acq On : 12 Jul 2023 18:38
Operator : CG\JU
Sample : 03555-05MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-369MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

Quant Time: Jul 12 23:22:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 11 13:06:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	101332	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	393143	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	193251	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	305504	20.000	ng		0.00
76) Chrysene-d12	14.051	240	184957	20.000	ng		0.01
86) Perylene-d12	15.551	264	170837	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	479265	79.116	ng		0.01
7) Phenol-d6	6.487	99	585423	78.582	ng		0.00
23) Nitrobenzene-d5	7.410	82	416643	57.128	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	161946	66.837	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	758611	57.073	ng		0.00
79) Terphenyl-d14	12.974	244	590916	51.419	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	106057	42.460	ng		99
3) Pyridine	3.487	79	255275	39.236	ng		98
4) n-Nitrosodimethylamine	3.457	42	165916	44.651	ng		100
6) Aniline	6.510	93	322118	35.532	ng	#	87
8) 2-Chlorophenol	6.634	128	294513	47.893	ng		98
9) Benzaldehyde	6.398	77	203737	55.058	ng		90
10) Phenol	6.504	94	359000	45.832	ng		85
11) bis(2-Chloroethyl)ether	6.587	93	264957	45.945	ng		97
12) 1,3-Dichlorobenzene	6.787	146	313732	47.855	ng		99
13) 1,4-Dichlorobenzene	6.863	146	322935	48.769	ng		99
14) 1,2-Dichlorobenzene	7.016	146	304597	49.116	ng		99
15) Benzyl Alcohol	6.992	79	270746	47.142	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	443343	43.456	ng		94
17) 2-Methylphenol	7.104	107	246661	44.793	ng		96
18) Hexachloroethane	7.351	117	122200	49.770	ng		96
19) n-Nitroso-di-n-propyla...	7.263	70	212291	44.935	ng		98
20) 3+4-Methylphenols	7.257	107	296498	44.383	ng		93
22) Acetophenone	7.257	105	418241	46.778	ng		99
24) Nitrobenzene	7.434	77	326039	44.239	ng		98
25) Isophorone	7.669	82	583521	44.023	ng		99
26) 2-Nitrophenol	7.745	139	161932	45.802	ng		96
27) 2,4-Dimethylphenol	7.787	122	259647	46.395	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	340840	44.409	ng		99
29) 2,4-Dichlorophenol	7.987	162	248867	44.845	ng		97
30) 1,2,4-Trichlorobenzene	8.069	180	267285	46.678	ng		99
31) Naphthalene	8.151	128	1029331	54.204	ng		100
32) Benzoic acid	7.904	122	151945m	36.233	ng		
33) 4-Chloroaniline	8.198	127	181878	22.390	ng		98
34) Hexachlorobutadiene	8.263	225	171632	47.516	ng		99
35) Caprolactam	8.586	113	78717m	43.080	ng		
36) 4-Chloro-3-methylphenol	8.686	107	279428	44.821	ng		95
37) 2-Methylnaphthalene	8.839	142	632296	47.085	ng		99
38) 1-Methylnaphthalene	8.939	142	545081	43.662	ng		99
40) 1,2,4,5-Tetrachloroben...	9.010	216	270553	47.255	ng		99
41) Hexachlorocyclopentadiene	8.986	237	115377	42.477	ng		97
43) 2,4,6-Trichlorophenol	9.122	196	171271	43.944	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 11 13:06:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	179293	39.108	ng		95
46) 1,1'-Biphenyl	9.304	154	732283	47.238	ng		99
47) 2-Chloronaphthalene	9.333	162	511883	45.131	ng		98
48) 2-Nitroaniline	9.433	65	179563	43.440	ng		98
49) Acenaphthylene	9.751	152	864588	44.623	ng		99
50) Dimethylphthalate	9.610	163	620239	44.214	ng		100
51) 2,6-Dinitrotoluene	9.675	165	130064	43.047	ng	#	85
52) Acenaphthene	9.922	154	557118	49.554	ng		99
53) 3-Nitroaniline	9.845	138	120316	33.193	ng		98
54) 2,4-Dinitrophenol	9.957	184	47156	29.584	ng		89
55) Dibenzofuran	10.092	168	871988	49.628	ng		96
56) 4-Nitrophenol	10.016	139	172239	67.933	ng		92
57) 2,4-Dinitrotoluene	10.086	165	160078	40.118	ng		89
58) Fluorene	10.439	166	621143	45.440	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.216	232	135449	37.455	ng	#	98
60) Diethylphthalate	10.310	149	630259	43.124	ng		99
61) 4-Chlorophenyl-phenyle...	10.428	204	277262	42.088	ng		96
62) 4-Nitroaniline	10.463	138	117639	32.204	ng		92
63) Azobenzene	10.592	77	592128	42.831	ng		97
65) 4,6-Dinitro-2-methylph...	10.498	198	41980	25.204	ng		96
66) n-Nitrosodiphenylamine	10.551	169	494200	50.630	ng		98
67) 4-Bromophenyl-phenylether	10.922	248	166095	51.151	ng		97
68) Hexachlorobenzene	10.986	284	176039	51.060	ng		96
69) Atrazine	11.080	200	155266	57.507	ng		96
70) Pentachlorophenol	11.186	266	139041	67.448	ng		92
71) Phenanthrene	11.410	178	1253412	81.498	ng		100
72) Anthracene	11.463	178	1016649	63.554	ng		100
73) Carbazole	11.616	167	656805	44.858	ng		98
74) Di-n-butylphthalate	11.945	149	835720	47.997	ng		99
75) Fluoranthene	12.616	202	2297457	138.178	ng		98
77) Benzidine	12.727	184	154692	35.150	ng		99
78) Pyrene	12.845	202	1907469	110.817	ng		100
80) Butylbenzylphthalate	13.457	149	288989	44.766	ng		96
81) Benzo(a)anthracene	14.039	228	1199331	93.500	ng		98
82) 3,3'-Dichlorobenzidine	13.998	252	165813	40.802	ng		98
83) Chrysene	14.080	228	1125223	90.569	ng		99
84) Bis(2-ethylhexyl)phtha...	14.016	149	398599	53.735	ng		98
85) Di-n-octyl phthalate	14.639	149	674389	61.873	ng		98
87) Indeno(1,2,3-cd)pyrene	17.109	276	590890	49.846	ng		96
88) Benzo(b)fluoranthene	15.115	252	1078999	107.413	ng		99
89) Benzo(k)fluoranthene	15.145	252	708268m	69.250	ng		
90) Benzo(a)pyrene	15.492	252	702834	72.355	ng		98
91) Dibenzo(a,h)anthracene	17.121	278	387118	39.981	ng		97
92) Benzo(g,h,i)perylene	17.580	276	470632	47.134	ng		98

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

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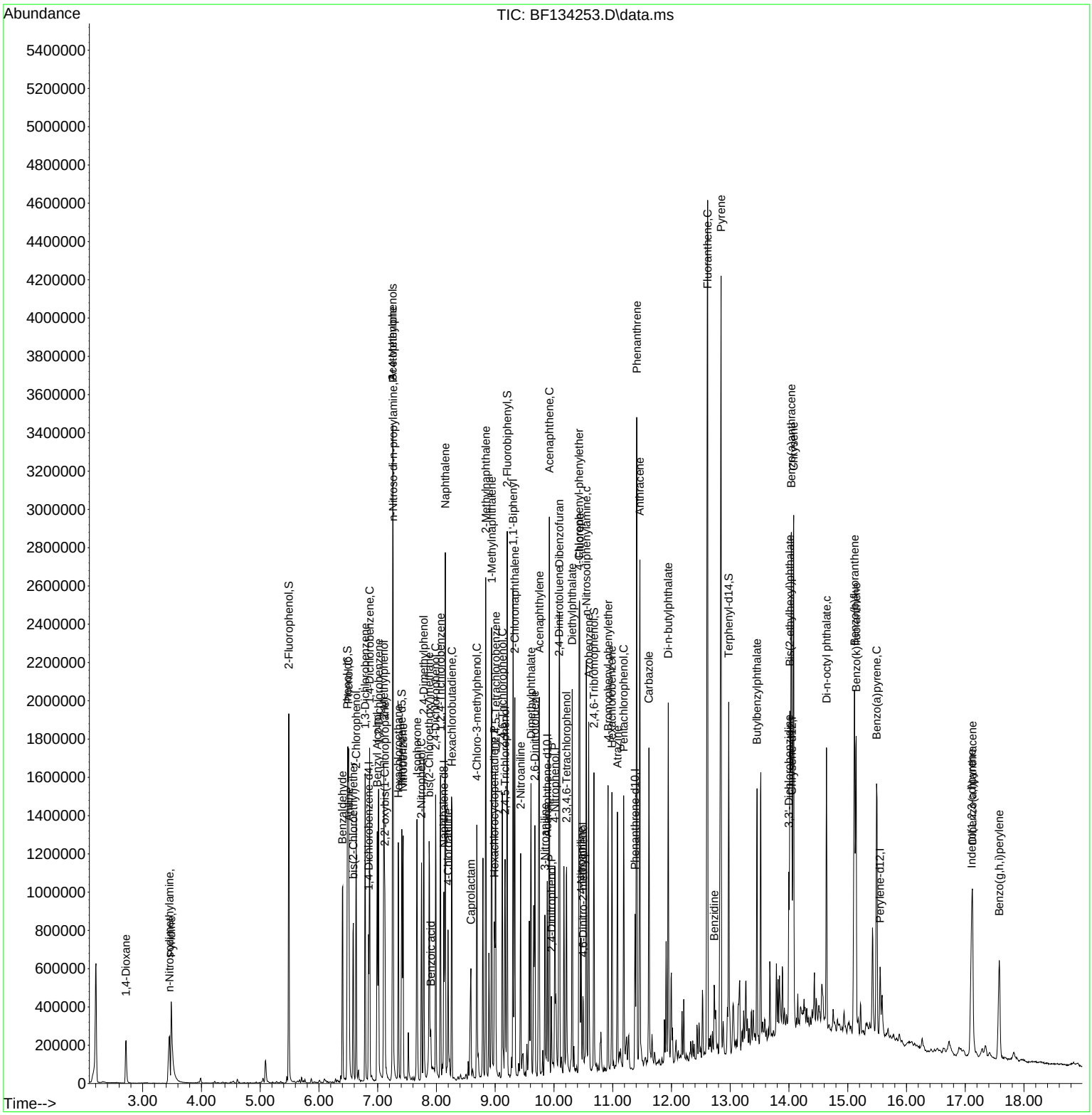
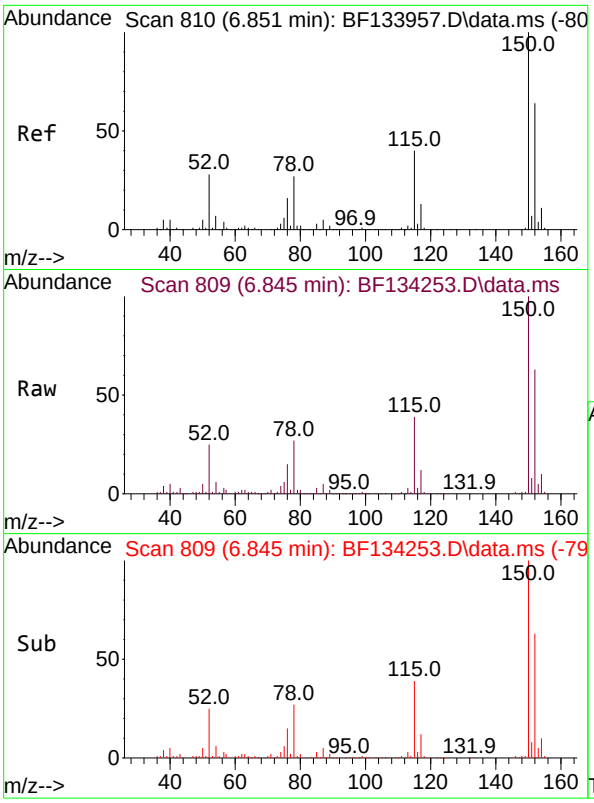
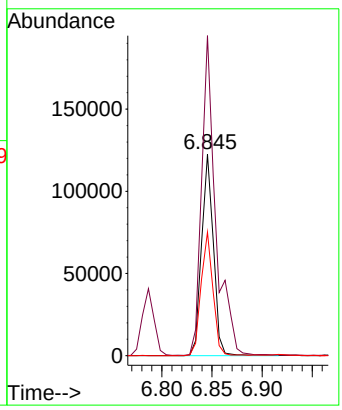




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:152 Resp: 10133

Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.5	186.7
115	61.3	50.2	75.2



Instrument :
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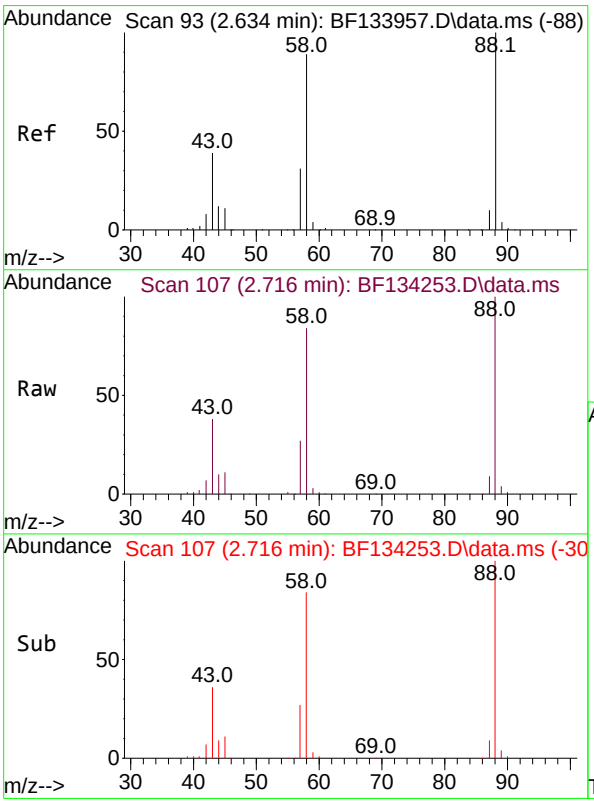
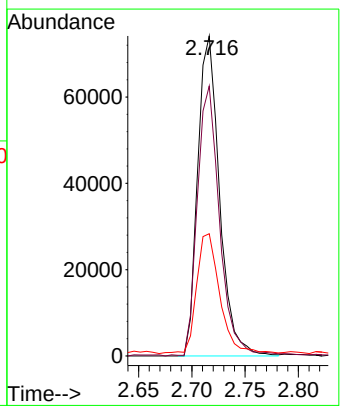
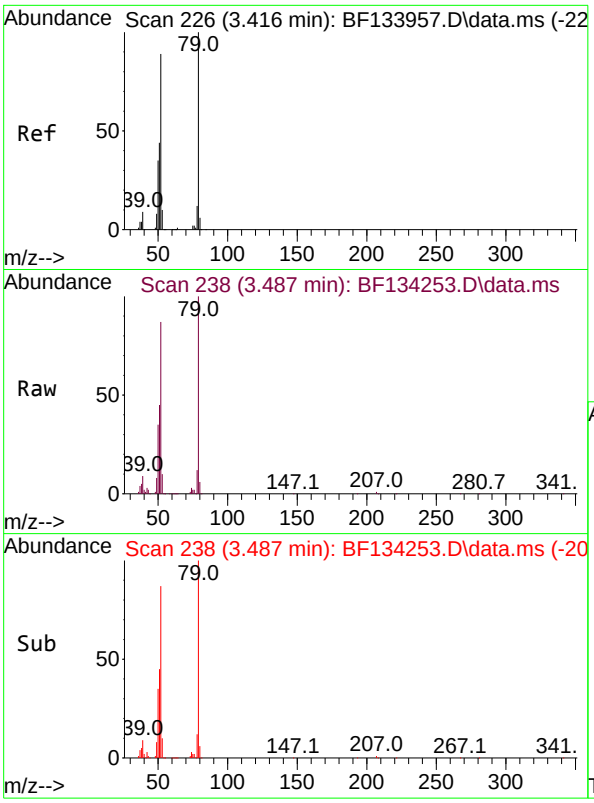


#2
1,4-Dioxane
Concen: 42.460 ng
RT: 2.716 min Scan# 107
Delta R.T. 0.100 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion: 88 Resp: 106057

Ion	Ratio	Lower	Upper
88	100		
58	86.5	68.8	103.2
43	39.9	30.7	46.1

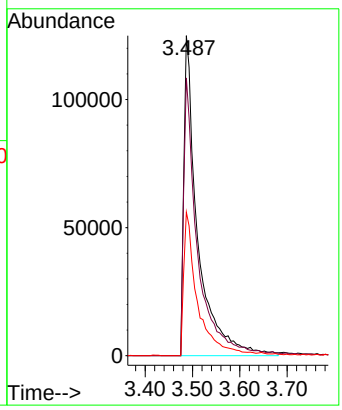




#3
Pyridine
Concen: 39.236 ng
RT: 3.487 min Scan# 2
Delta R.T. 0.088 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion: 79 Resp: 25527

Ion	Ratio	Lower	Upper
79	100		
52	86.8	71.1	106.7
51	44.9	35.2	52.8



Instrument :
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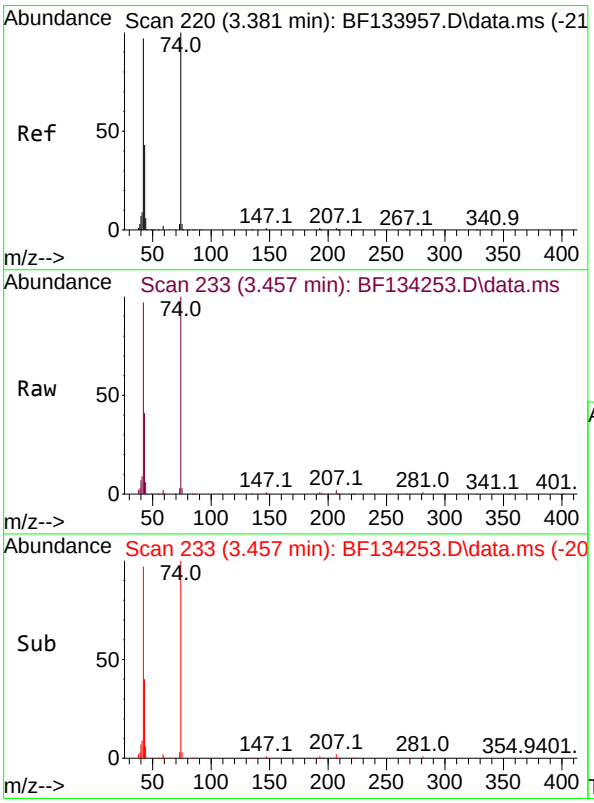
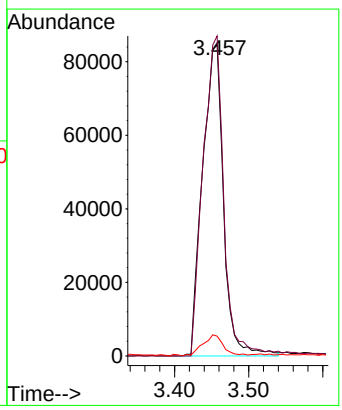
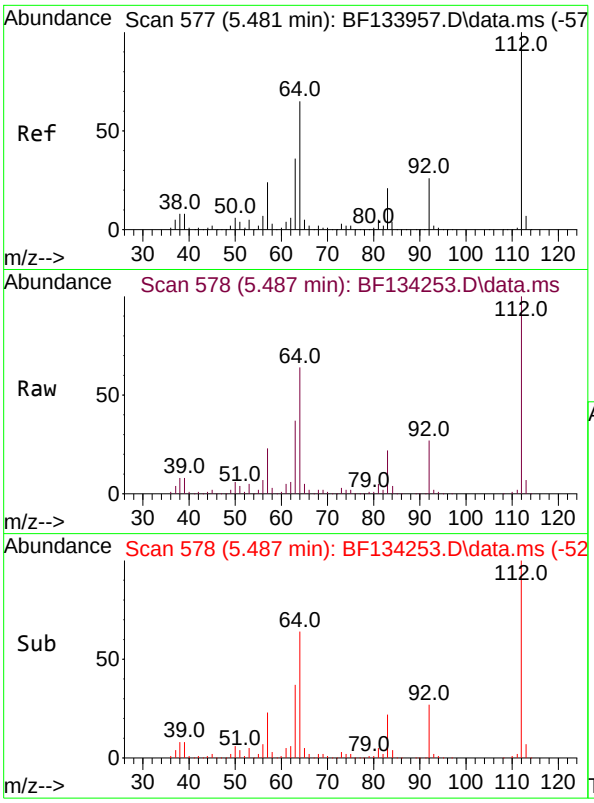


#4
n-Nitrosodimethylamine
Concen: 44.651 ng
RT: 3.457 min Scan# 233
Delta R.T. 0.094 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion: 42 Resp: 165916

Ion	Ratio	Lower	Upper
42	100		
74	102.9	82.4	123.6
44	6.4	4.9	7.3





#5
2-Fluorophenol
Concen: 79.116 ng
RT: 5.487 min Scan# 5
Delta R.T. 0.012 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:112 Resp: 47926

Ion	Ratio	Lower	Upper
112	100		
64	64.2	52.1	78.1
63	36.8	28.6	42.8

Instrument :
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ClientSampleId :
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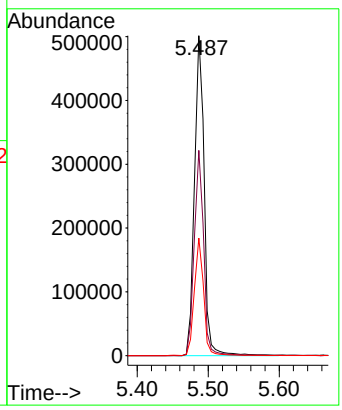
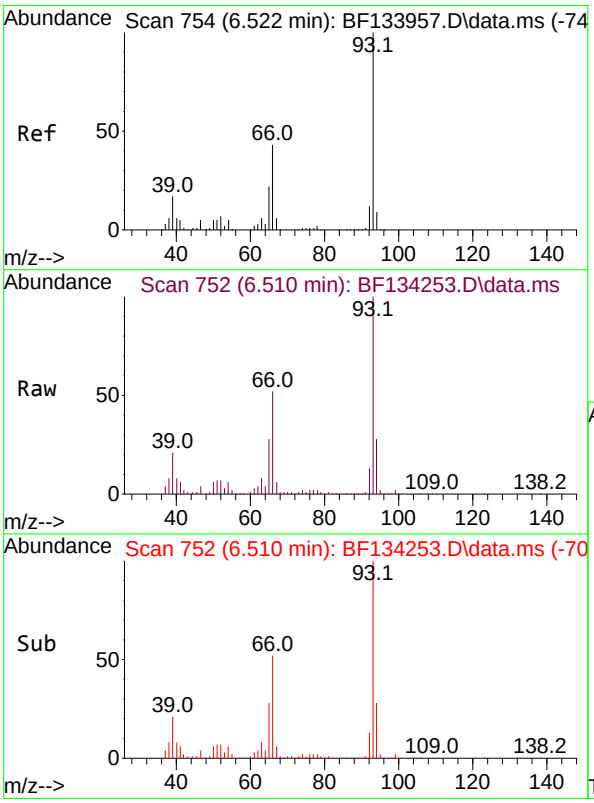
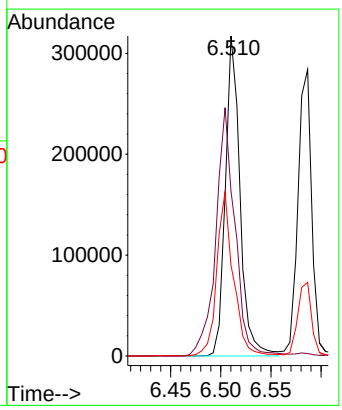


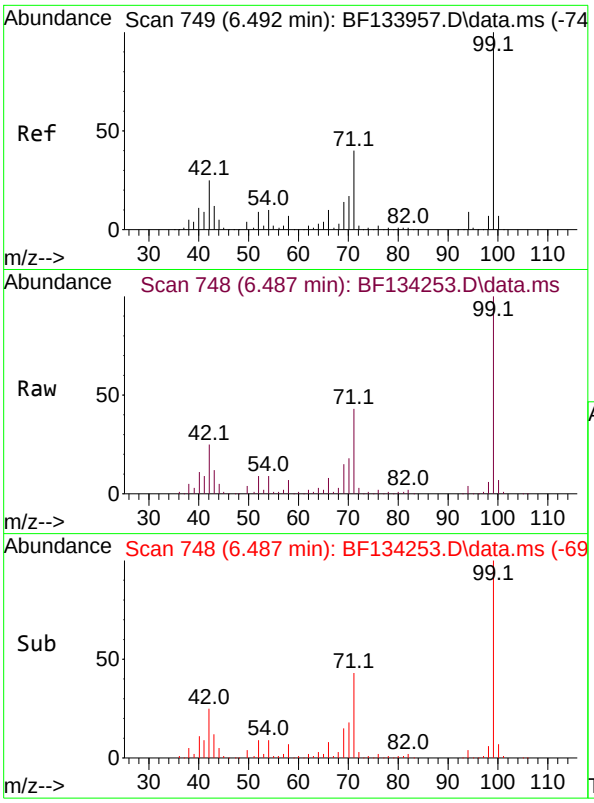


#6
Aniline
Concen: 35.532 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion: 93 Resp: 322118

Ion	Ratio	Lower	Upper
93	100		
66	51.5	34.5	51.7
65	28.3	17.8	26.6#

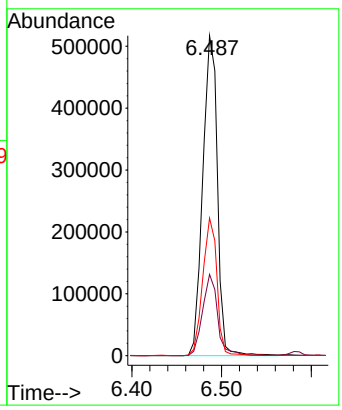




#7
Phenol-d6
Concen: 78.582 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion: 99 Resp: 58542

Ion	Ratio	Lower	Upper
99	100		
42	25.4	19.8	29.6
71	43.0	31.9	47.9



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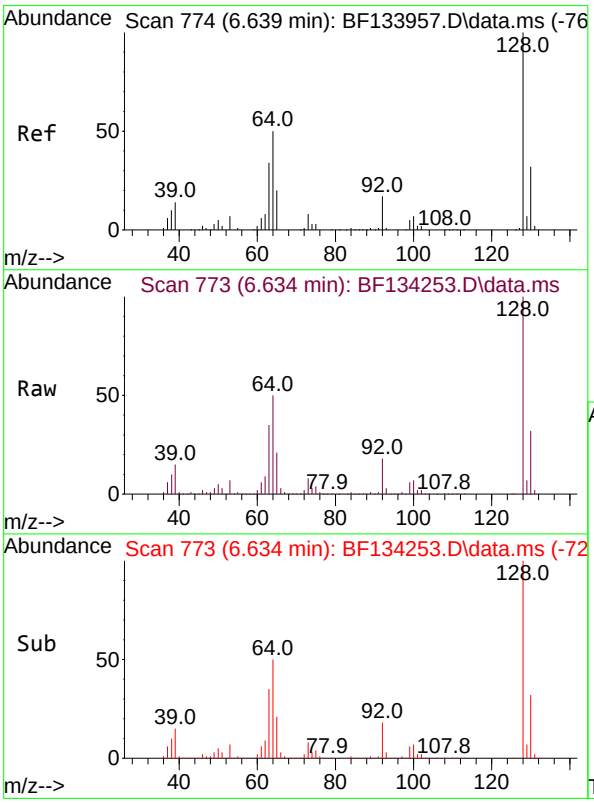
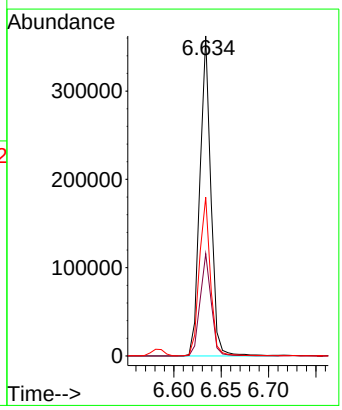
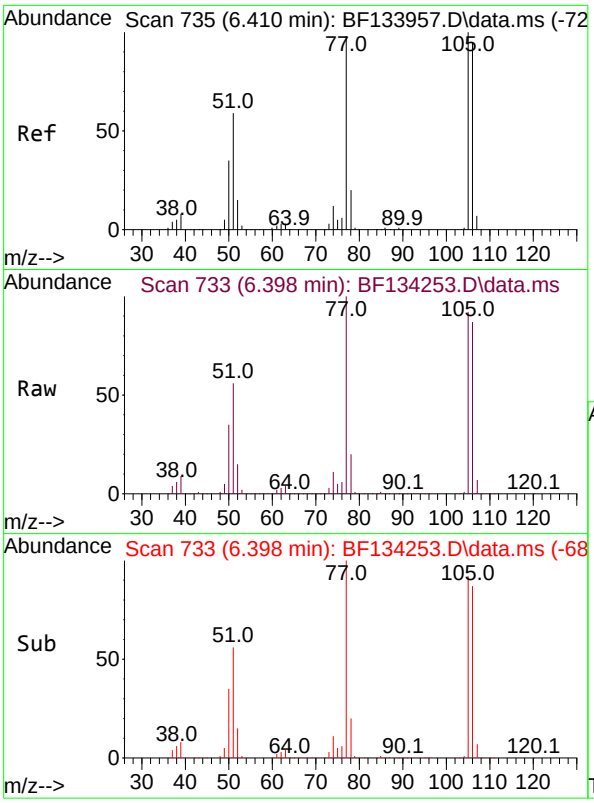


#8
2-Chlorophenol
Concen: 47.893 ng
RT: 6.634 min Scan# 773
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:128 Resp: 294513

Ion	Ratio	Lower	Upper
128	100		
130	32.0	11.7	51.7
64	49.6	31.3	71.3

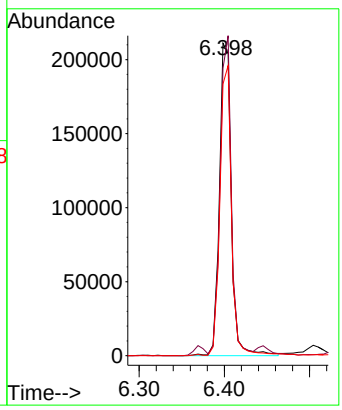




#9
Benzaldehyde
Concen: 55.058 ng
RT: 6.398 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion: 77 Resp: 20373

Ion	Ratio	Lower	Upper
77	100		
105	92.0	82.0	122.0
106	86.9	76.9	116.9



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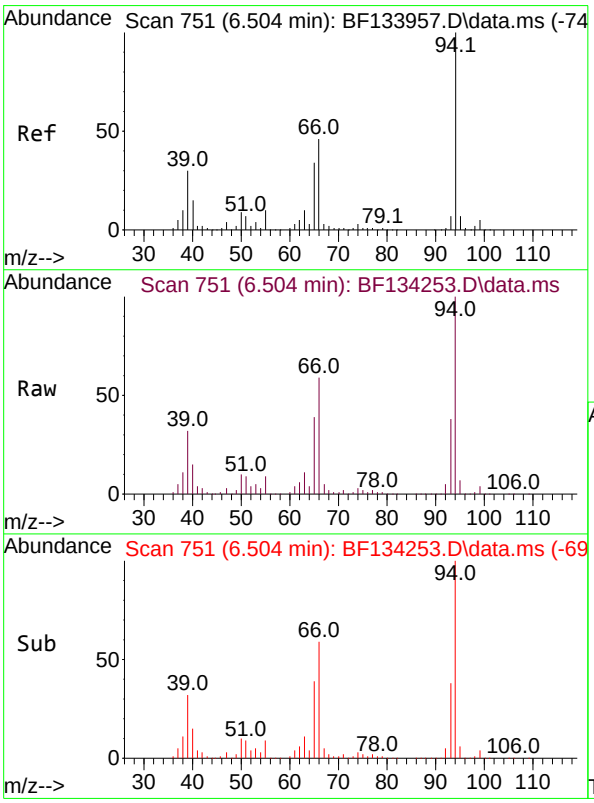
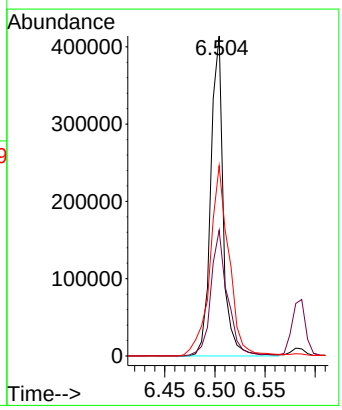
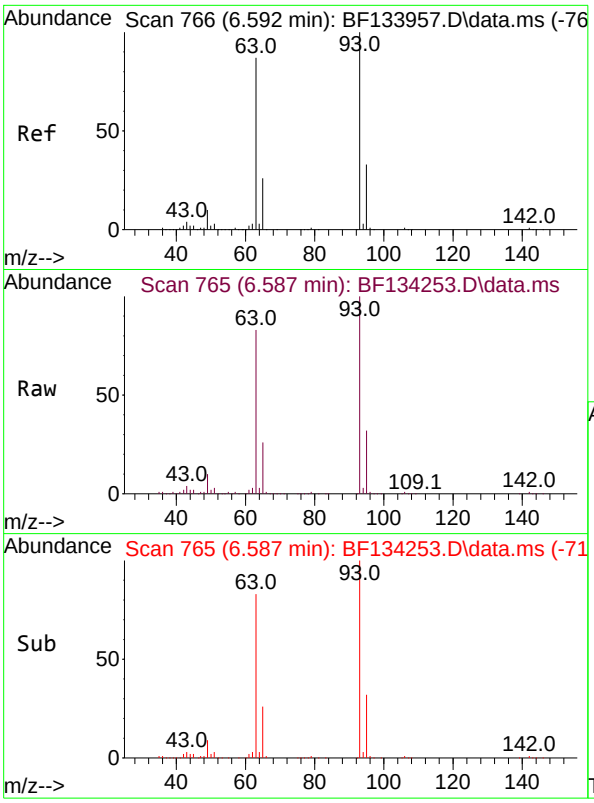


#10
Phenol
Concen: 45.832 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion: 94 Resp: 359000

Ion	Ratio	Lower	Upper
94	100		
65	39.3	14.2	54.2
66	59.5	26.4	66.4

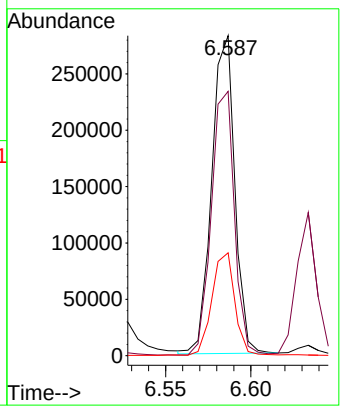




#11
bis(2-Chloroethyl)ether
Concen: 45.945 ng
RT: 6.587 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion: 93 Resp: 26495

Ion	Ratio	Lower	Upper
93	100		
63	82.6	66.5	106.5
95	32.1	12.9	52.9



Instrument :
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ClientSampleId :
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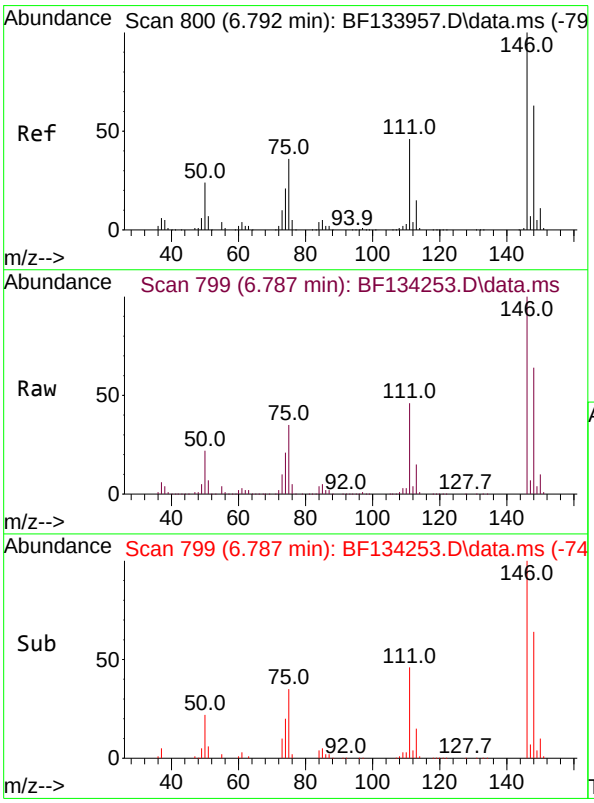
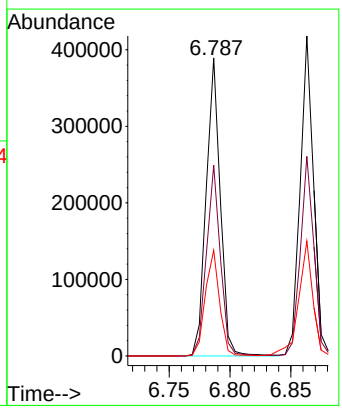
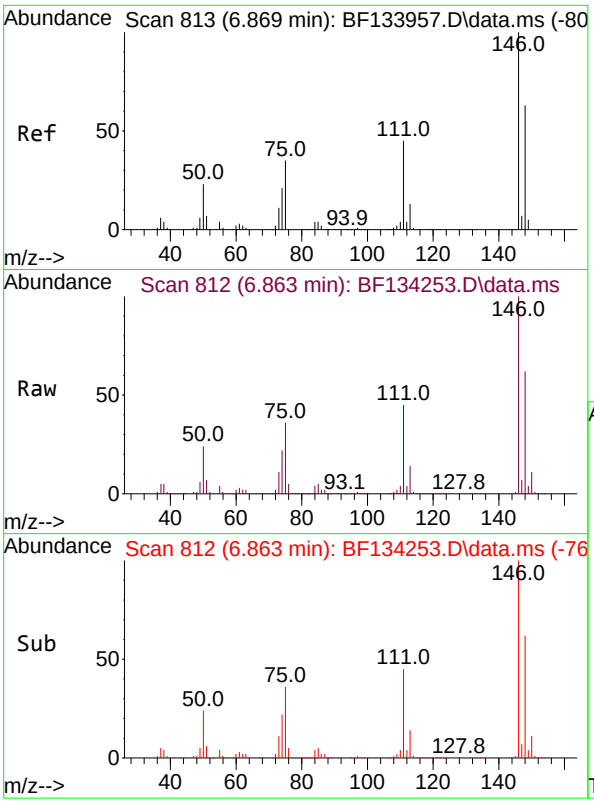


#12
1,3-Dichlorobenzene
Concen: 47.855 ng
RT: 6.787 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:146 Resp: 313732

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.5	75.7
75	35.5	29.0	43.6

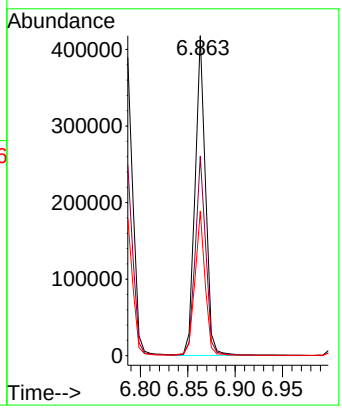




#13
1,4-Dichlorobenzene
Concen: 48.769 ng
RT: 6.863 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:146 Resp: 32293

Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.2	75.2
111	45.2	35.8	53.6



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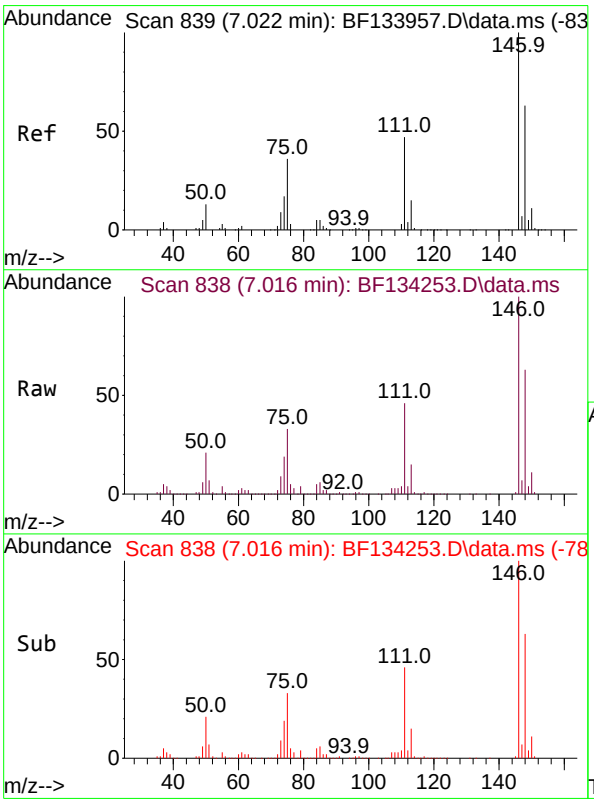
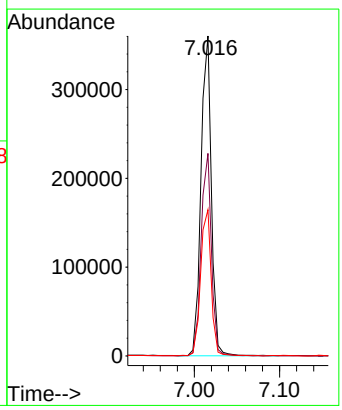
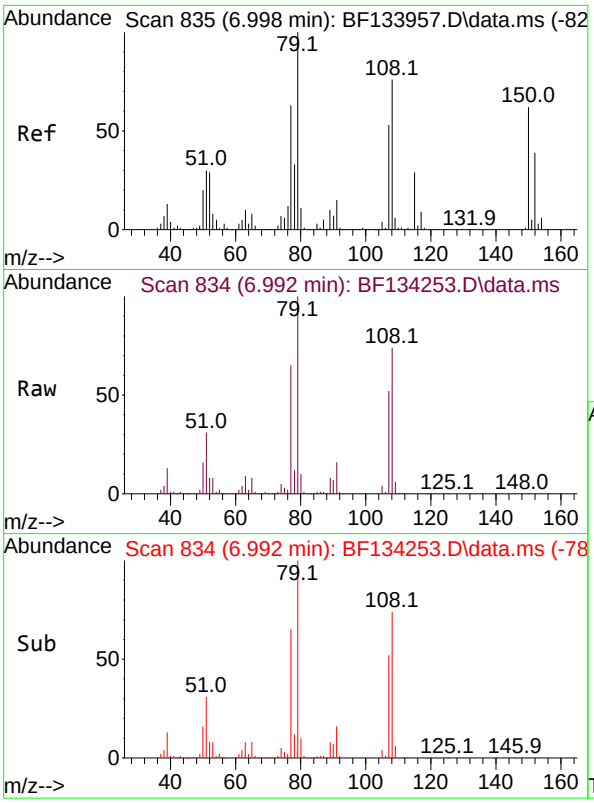


#14
1,2-Dichlorobenzene
Concen: 49.116 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:146 Resp: 304597

Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	76.0
111	45.7	38.0	57.0





#15
Benzyl Alcohol
Concen: 47.142 ng
RT: 6.992 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion: 79 Resp: 27074

Ion	Ratio	Lower	Upper
79	100		
108	74.3	60.7	91.1
77	65.0	50.6	75.8

Instrument :
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ClientSampleId :
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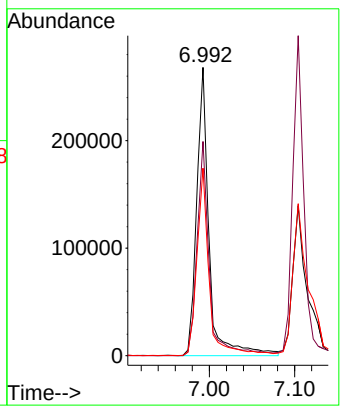
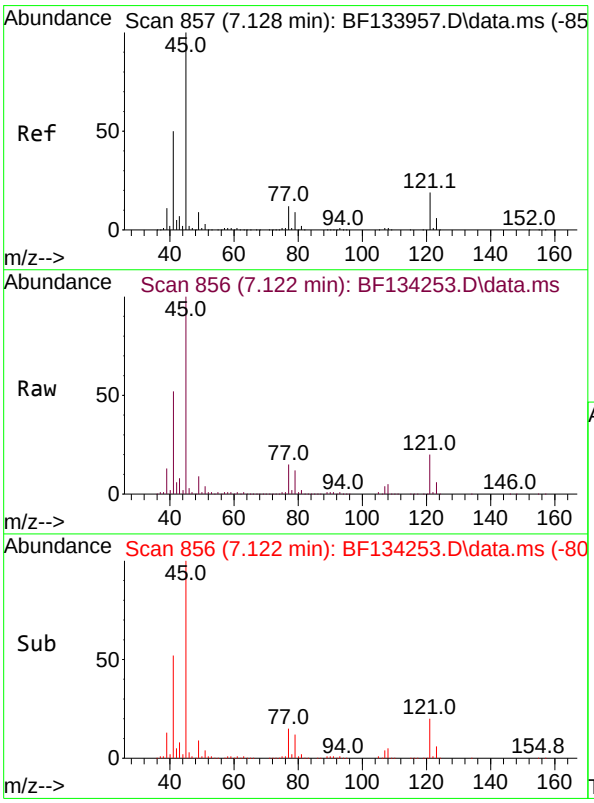
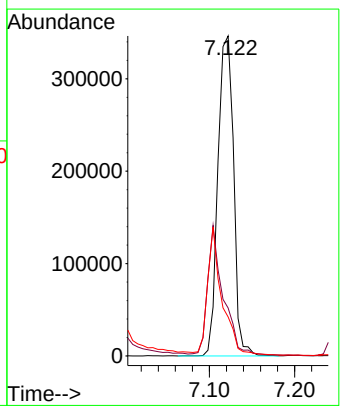


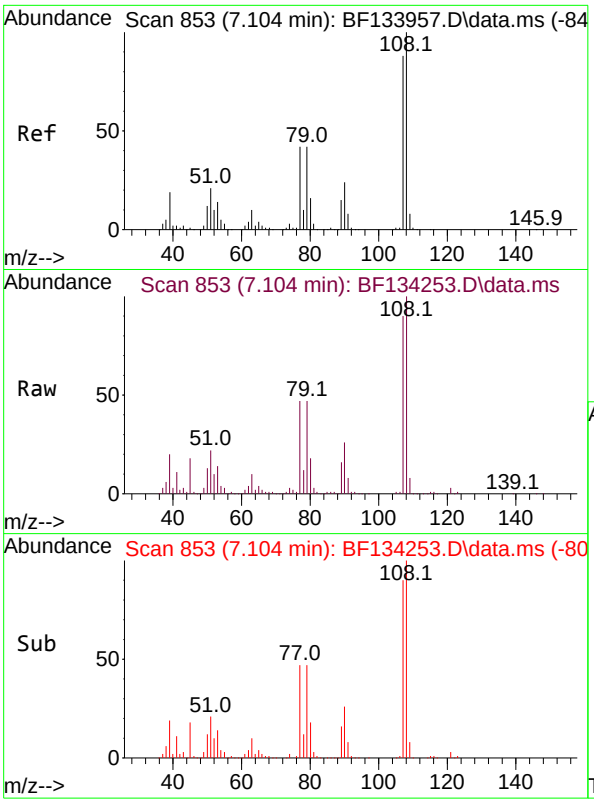


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.456 ng
RT: 7.122 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion: 45 Resp: 443343

Ion	Ratio	Lower	Upper
45	100		
77	15.0	0.0	32.9
79	12.2	0.0	29.5

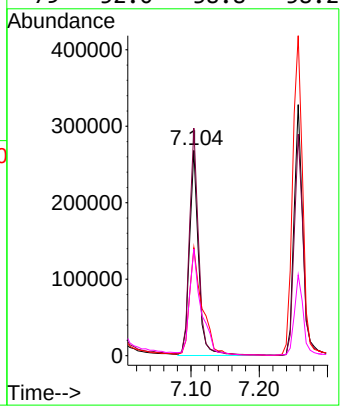




#17
2-Methylphenol
Concen: 44.793 ng
RT: 7.104 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:107 Resp: 24666

Ion	Ratio	Lower	Upper
107	100		
108	110.8	90.6	136.0
77	52.6	38.3	57.5
79	52.0	38.8	58.2



Instrument :
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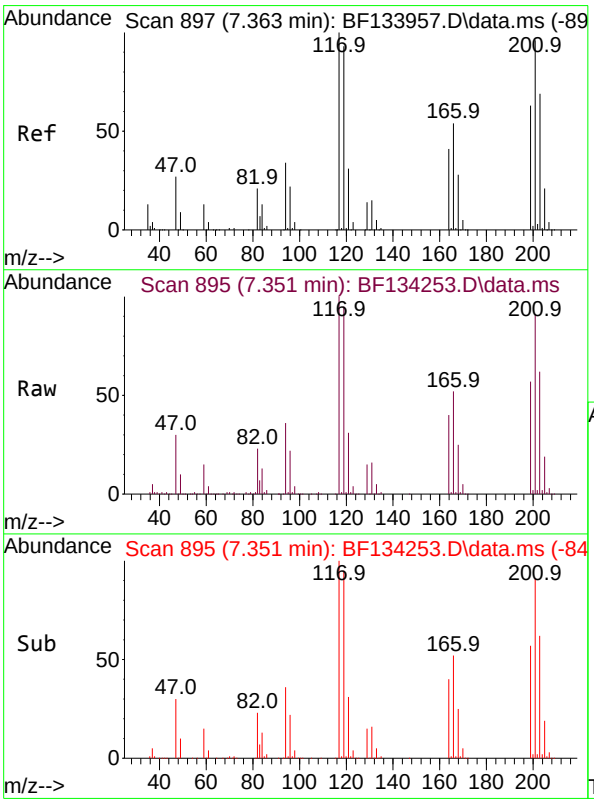
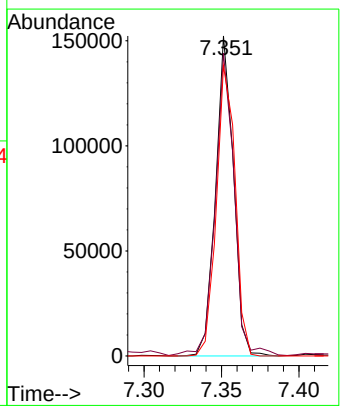
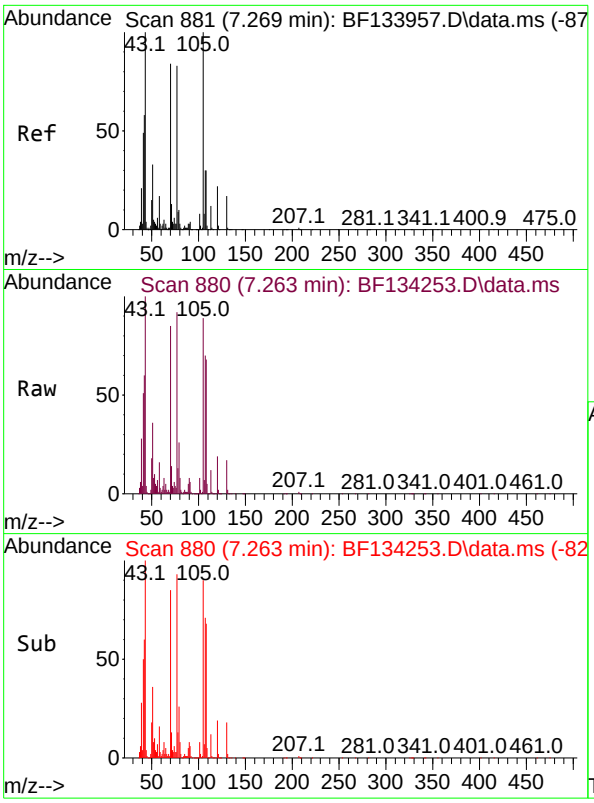


#18
Hexachloroethane
Concen: 49.770 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:117 Resp: 122200

Ion	Ratio	Lower	Upper
117	100		
119	94.5	74.2	111.4
201	90.7	77.2	115.8

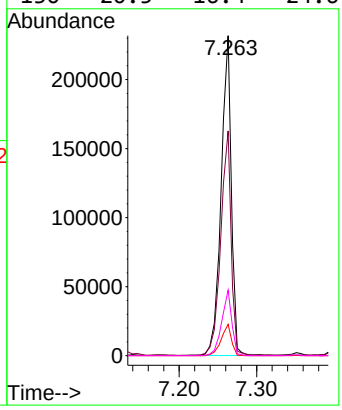




#19
n-Nitroso-di-n-propylamine
Concen: 44.935 ng
RT: 7.263 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion: 70 Resp: 21229

Ion	Ratio	Lower	Upper
70	100		
42	70.2	54.7	82.1
101	9.8	7.7	11.5
130	20.5	16.4	24.6



Instrument :
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ClientSampleId :
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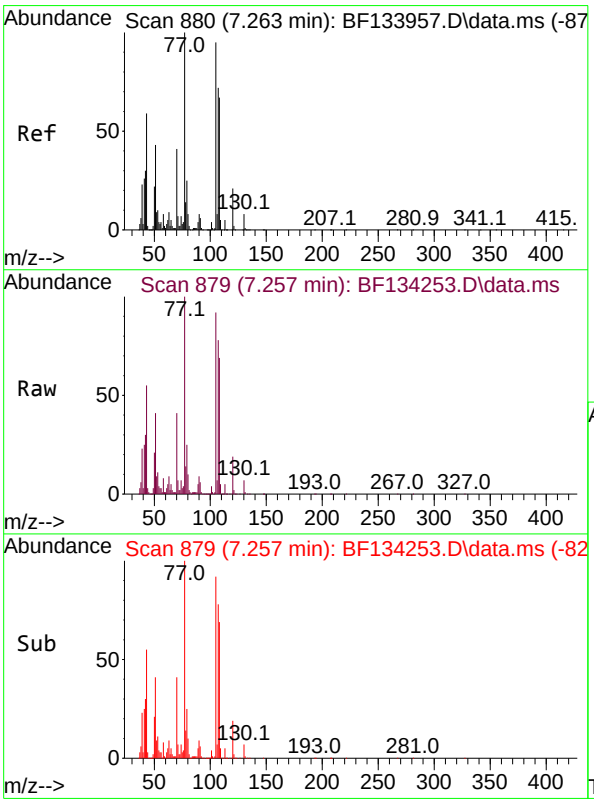
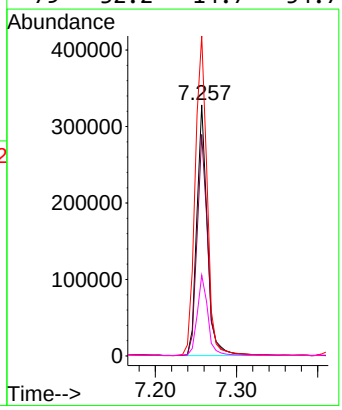
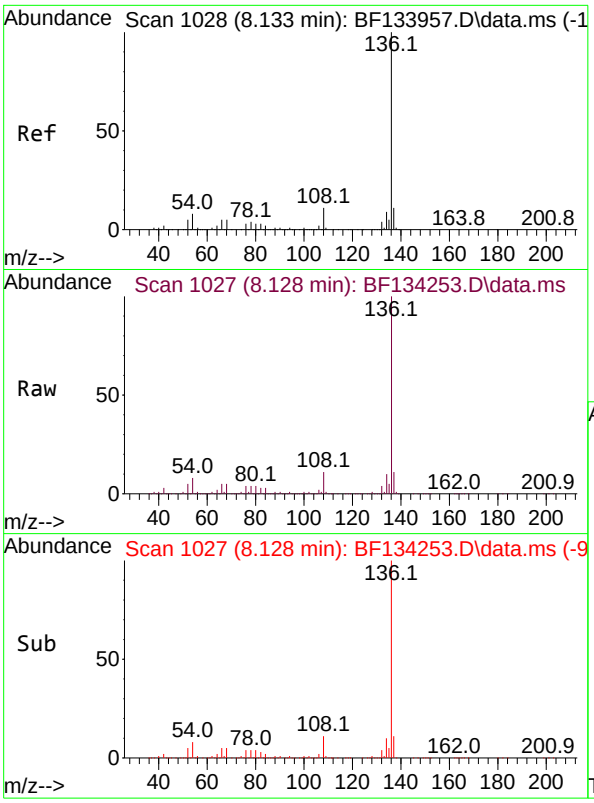


#20
3+4-Methylphenols
Concen: 44.383 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:107 Resp: 296498

Ion	Ratio	Lower	Upper
107	100		
108	88.2	73.2	113.2
77	127.5	118.3	158.3
79	32.2	14.7	54.7

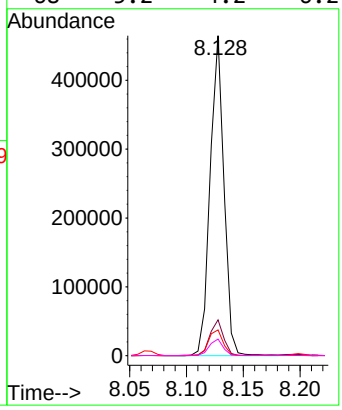




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:136 Resp: 39314

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	8.1	6.5	9.7
68	5.2	4.2	6.2



Instrument :
BNA_F
ClientSampleId :
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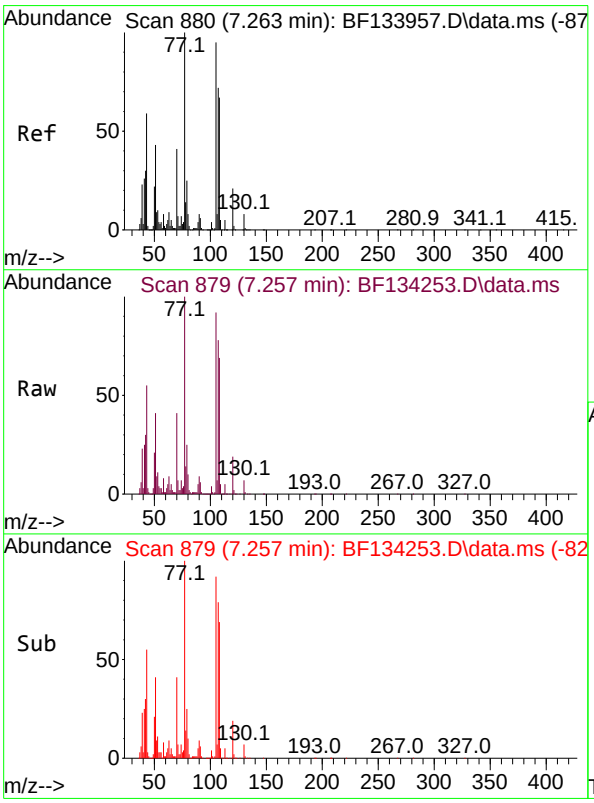
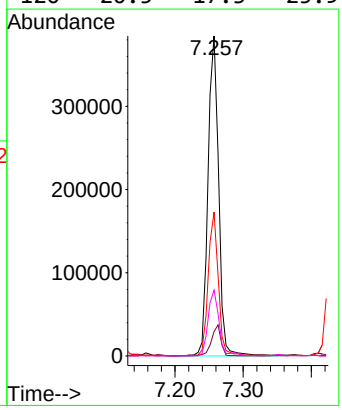
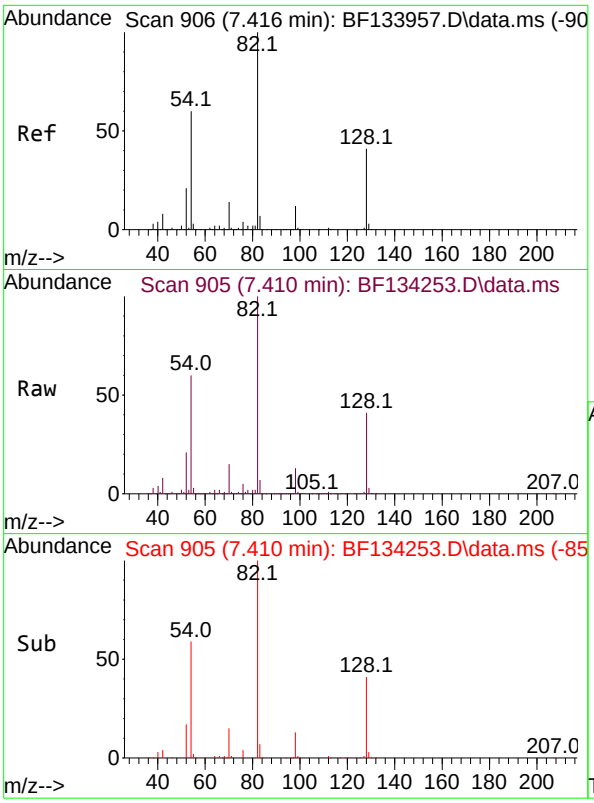


#22
Acetophenone
Concen: 46.778 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:105 Resp: 418241

Ion	Ratio	Lower	Upper
105	100		
71	7.6	5.5	8.3
51	44.9	36.5	54.7
120	20.5	17.3	25.9





#23
Nitrobenzene-d5
Concen: 57.128 ng
RT: 7.410 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion: 82 Resp: 41664

Ion	Ratio	Lower	Upper
82	100		
128	40.9	32.5	48.7
54	59.8	48.2	72.2

Instrument :
BNA_F
ClientSampleId :
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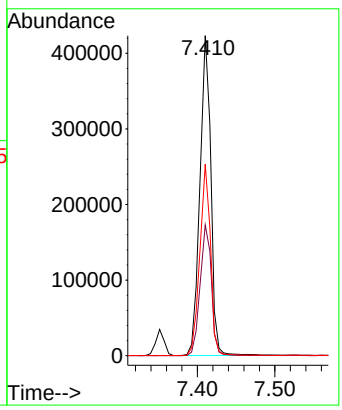
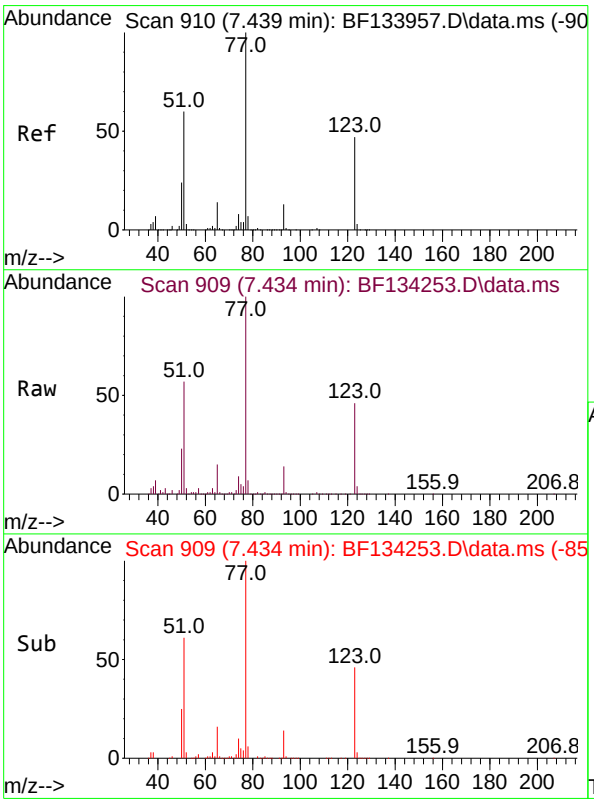
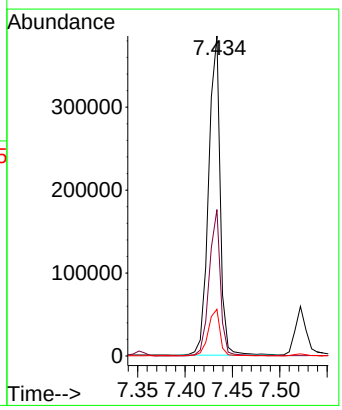


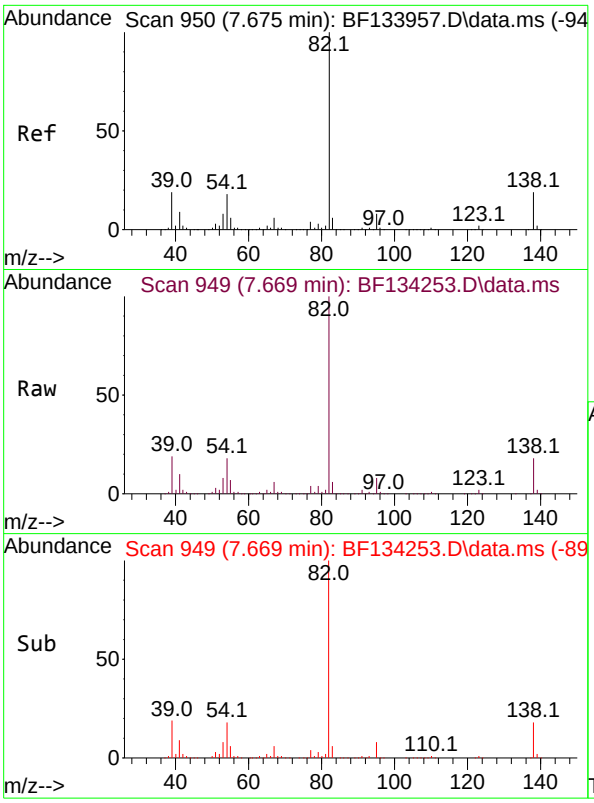


#24
Nitrobenzene
Concen: 44.239 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion: 77 Resp: 326039

Ion	Ratio	Lower	Upper
77	100		
123	45.8	37.8	56.6
65	14.6	11.3	16.9

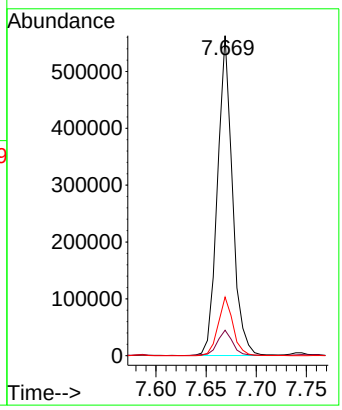




#25
Isophorone
Concen: 44.023 ng
RT: 7.669 min Scan# 94
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion: 82 Resp: 58352

Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.1	9.1
138	18.3	15.2	22.8



Instrument :
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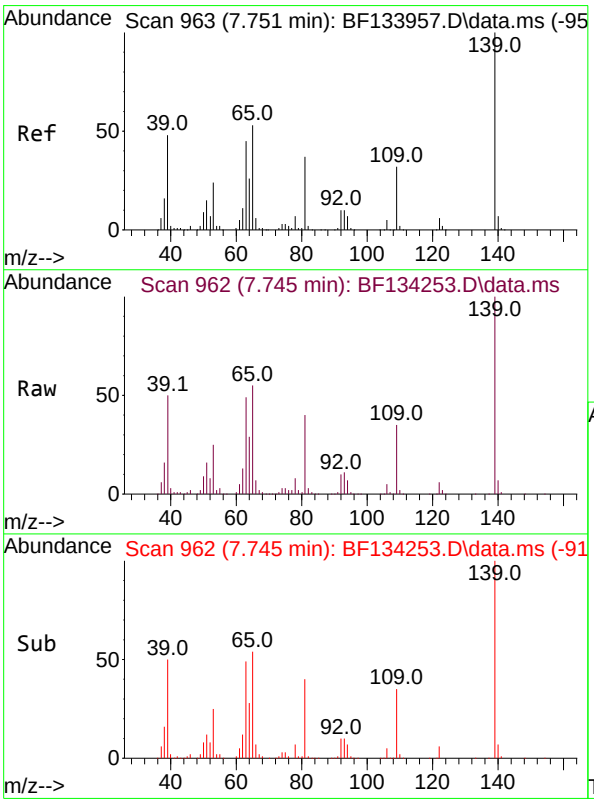
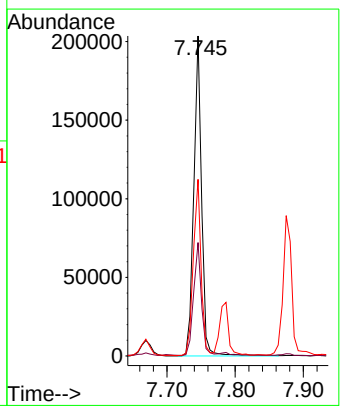
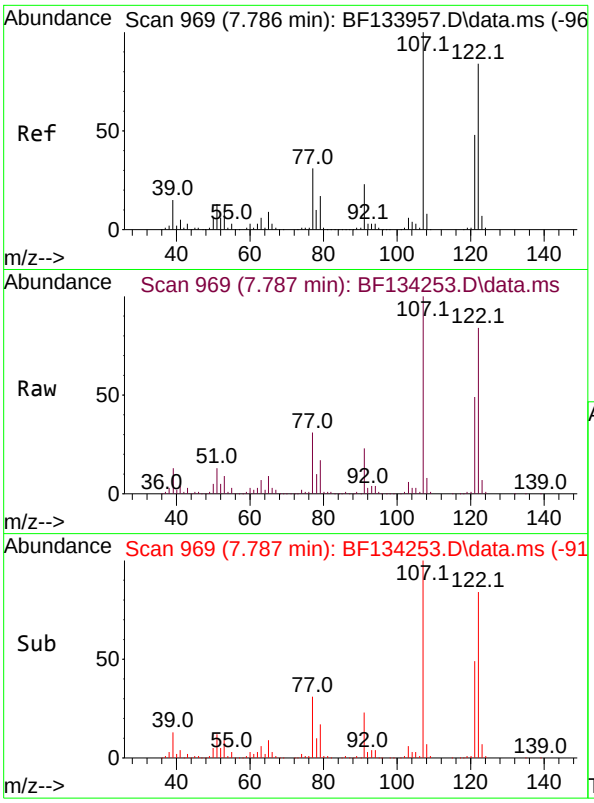


#26
2-Nitrophenol
Concen: 45.802 ng
RT: 7.745 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:139 Resp: 161932

Ion	Ratio	Lower	Upper
139	100		
109	35.4	25.8	38.8
65	55.2	42.4	63.6

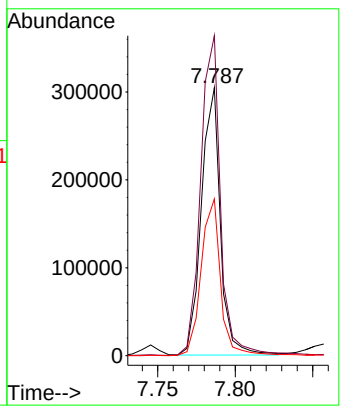




#27
2,4-Dimethylphenol
Concen: 46.395 ng
RT: 7.787 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:122 Resp: 25964

Ion	Ratio	Lower	Upper
122	100		
107	119.4	95.5	143.3
121	58.5	45.5	68.3



Instrument :
BNA_F
ClientSampleId :
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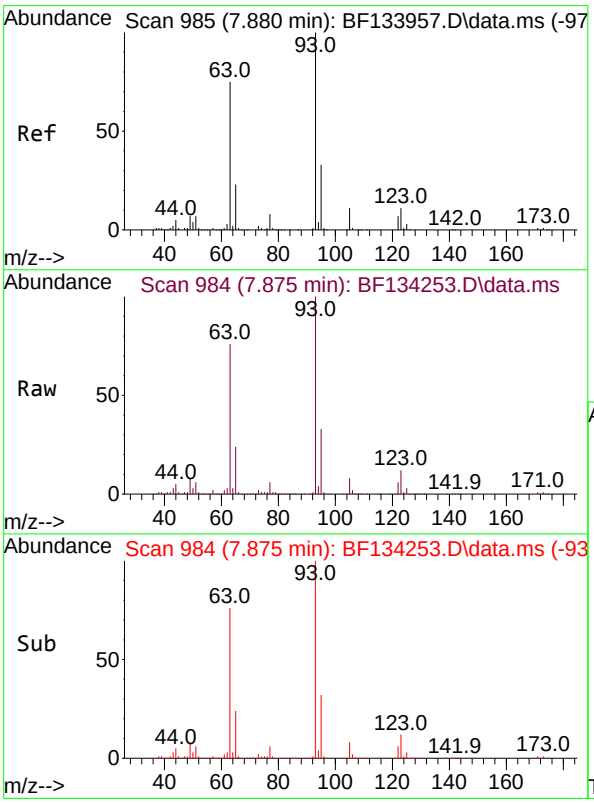
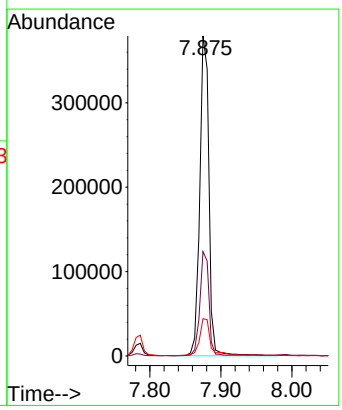
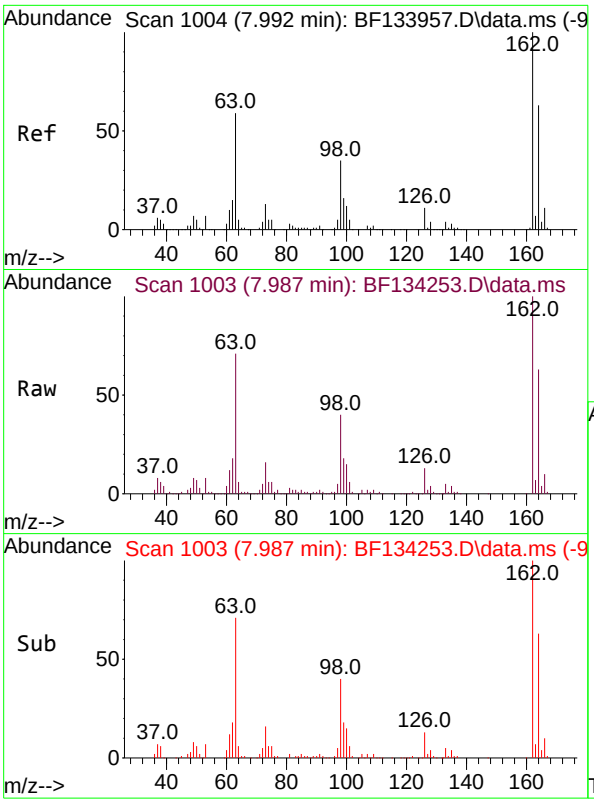


#28
bis(2-Chloroethoxy)methane
Concen: 44.409 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion: 93 Resp: 340840

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.5	39.7
123	11.7	9.1	13.7

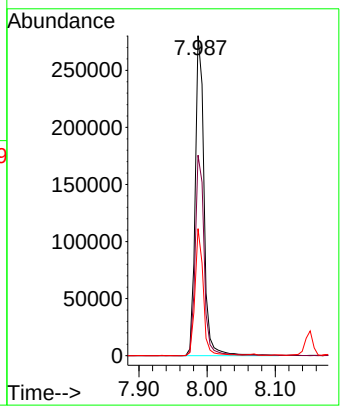




#29
2,4-Dichlorophenol
Concen: 44.845 ng
RT: 7.987 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:162 Resp: 24886

Ion	Ratio	Lower	Upper
162	100		
164	62.7	43.2	83.2
98	39.7	14.9	54.9



Instrument :
BNA_F
ClientSampleId :
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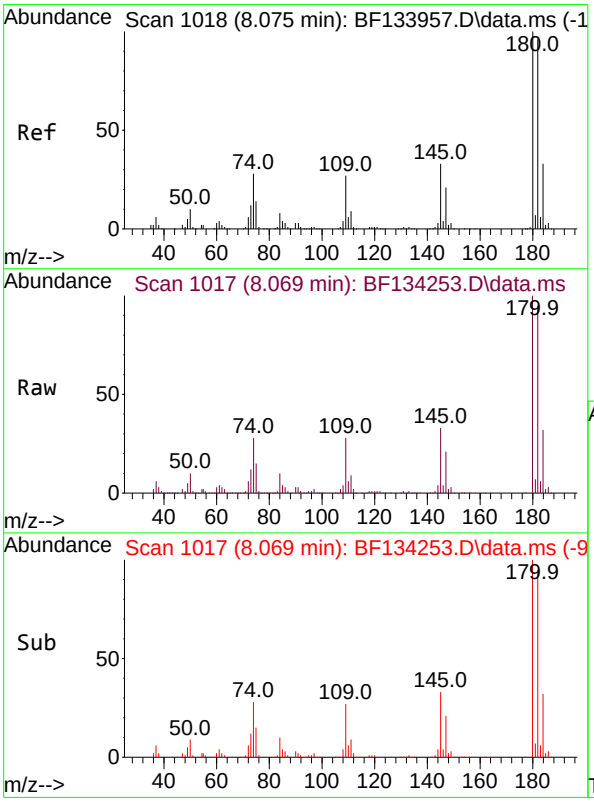
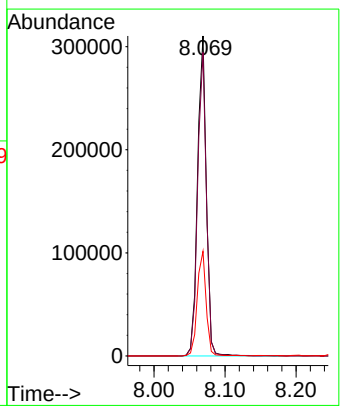
Supervised By :mohammad ahmed 07/13/2023

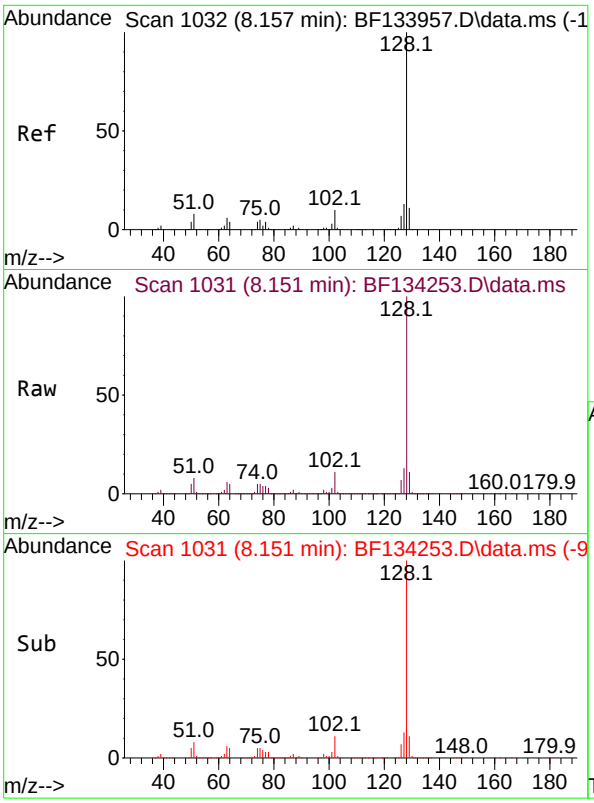


#30
1,2,4-Trichlorobenzene
Concen: 46.678 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:180 Resp: 267285

Ion	Ratio	Lower	Upper
180	100		
182	94.9	77.1	115.7
145	32.7	26.0	39.0

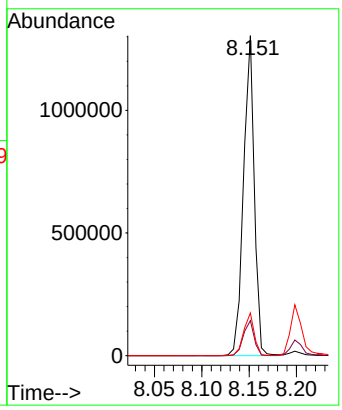




#31
Naphthalene
Concen: 54.204 ng
RT: 8.151 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:128 Resp: 102933

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.4	10.6	15.8



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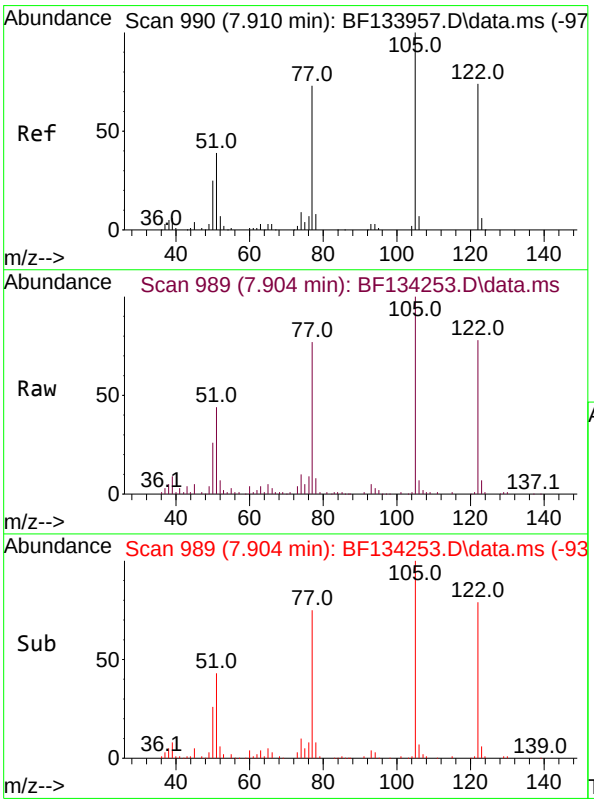
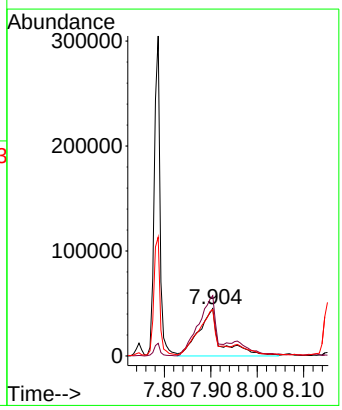
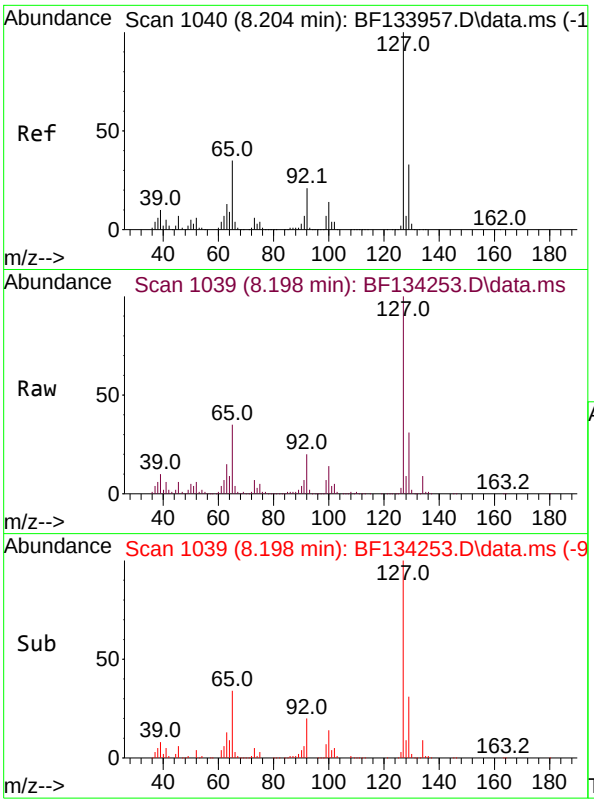


#32
Benzoic acid
Concen: 36.233 ng m
RT: 7.904 min Scan# 989
Delta R.T. 0.012 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:122 Resp: 151945

Ion	Ratio	Lower	Upper
122	100		
105	127.4	109.7	149.7
77	97.9	76.0	116.0

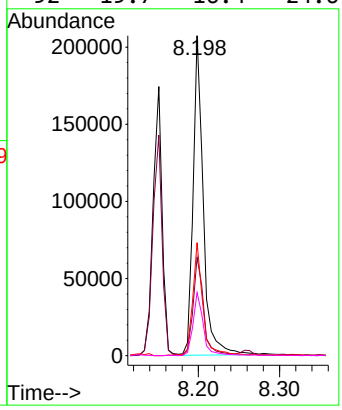




#33
4-Chloroaniline
Concen: 22.390 ng
RT: 8.198 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:127 Resp: 18187

Ion	Ratio	Lower	Upper
127	100		
129	30.7	26.4	39.6
65	35.3	27.8	41.8
92	19.7	16.4	24.6



Instrument :
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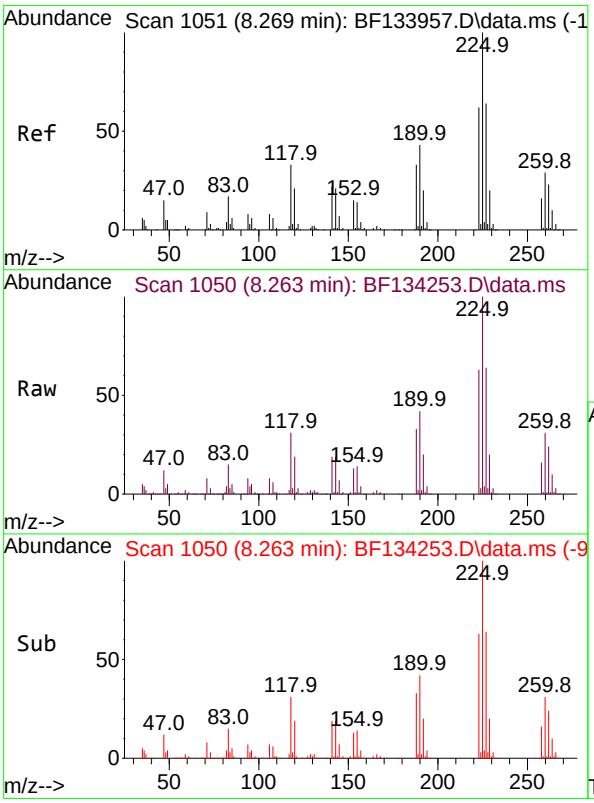
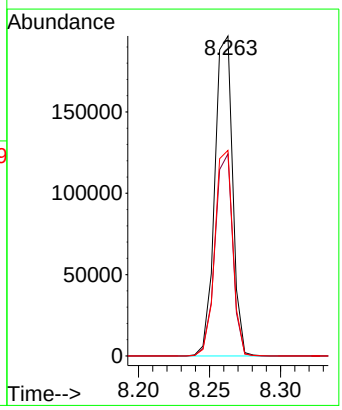
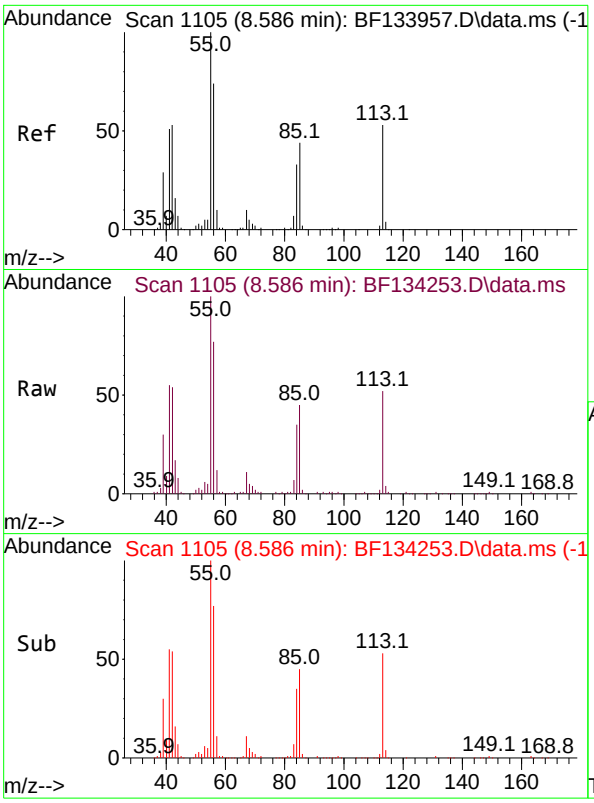


#34
Hexachlorobutadiene
Concen: 47.516 ng
RT: 8.263 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:225 Resp: 171632

Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.8	74.8
227	64.3	51.0	76.4





#35
Caprolactam
Concen: 43.080 ng m
RT: 8.586 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:113 Resp: 7871

Ion	Ratio	Lower	Upper
113	100		
55	191.5	170.2	210.2
56	146.5	121.4	161.4

Instrument :
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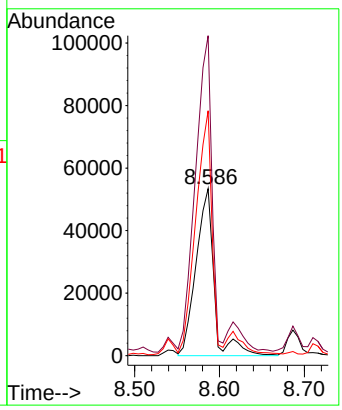
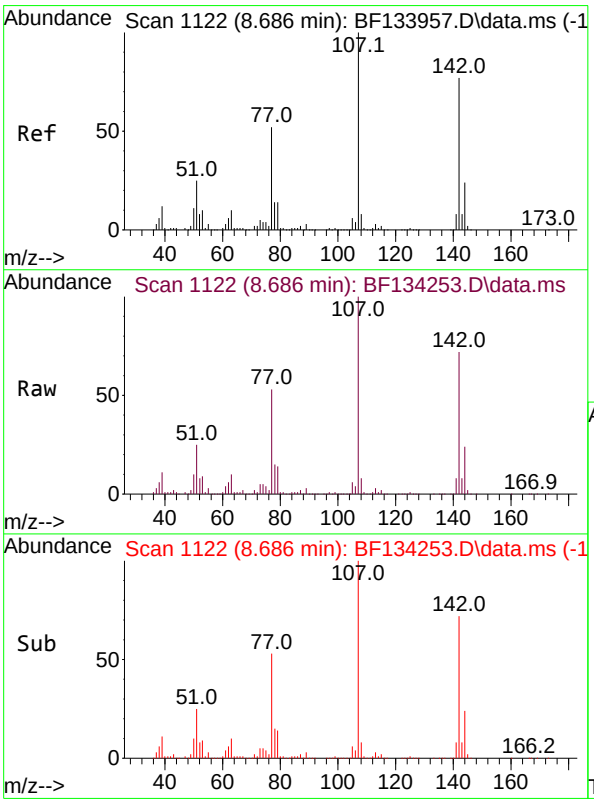
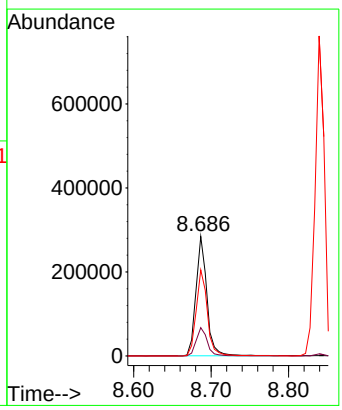


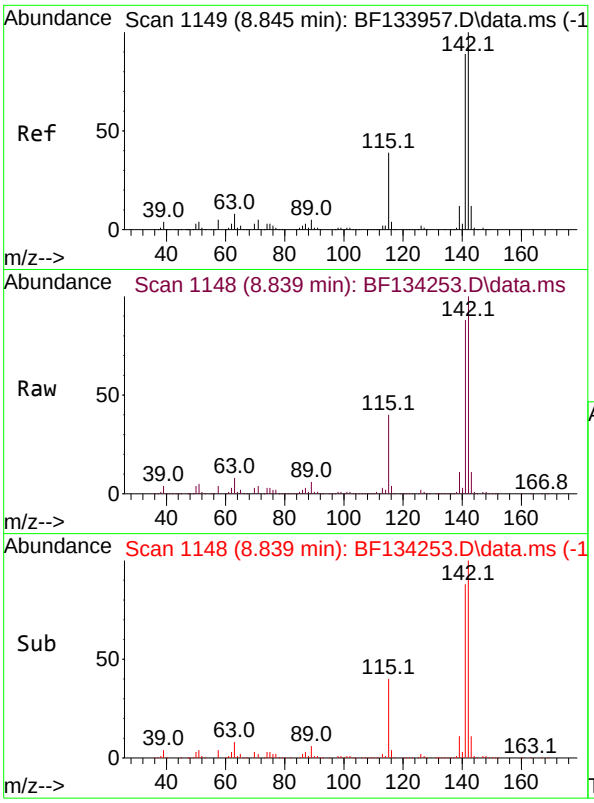


#36
4-Chloro-3-methylphenol
Concen: 44.821 ng
RT: 8.686 min Scan# 1122
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:107 Resp: 279428

Ion	Ratio	Lower	Upper
107	100		
144	23.7	19.6	29.4
142	72.0	61.4	92.2





#37
2-Methylnaphthalene
Concen: 47.085 ng
RT: 8.839 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:142 Resp: 63229

Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.0	106.4

Instrument :
BNA_F
ClientSampleId :
ETGI-369MS

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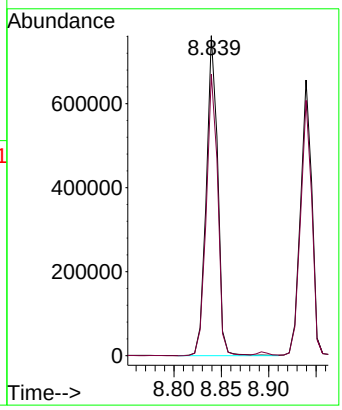
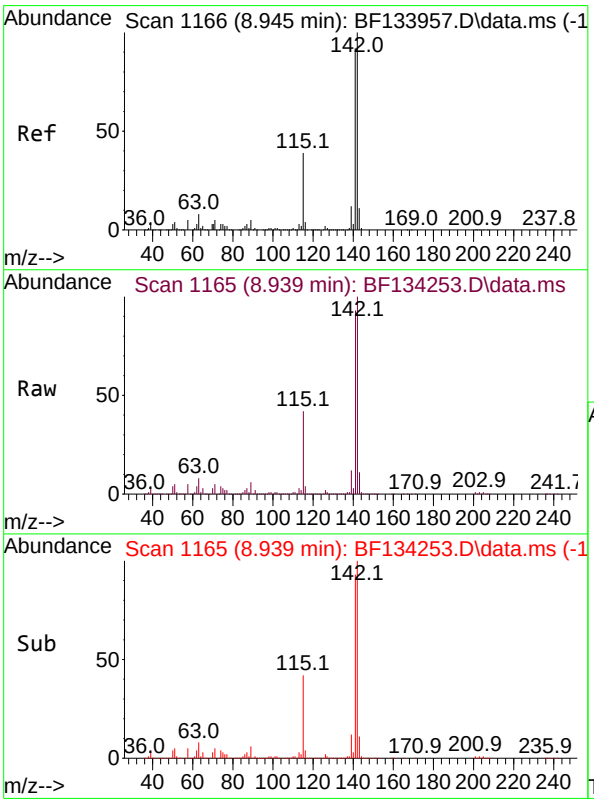
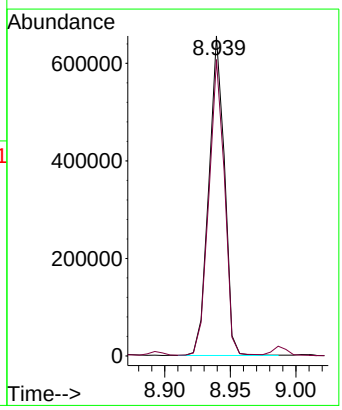


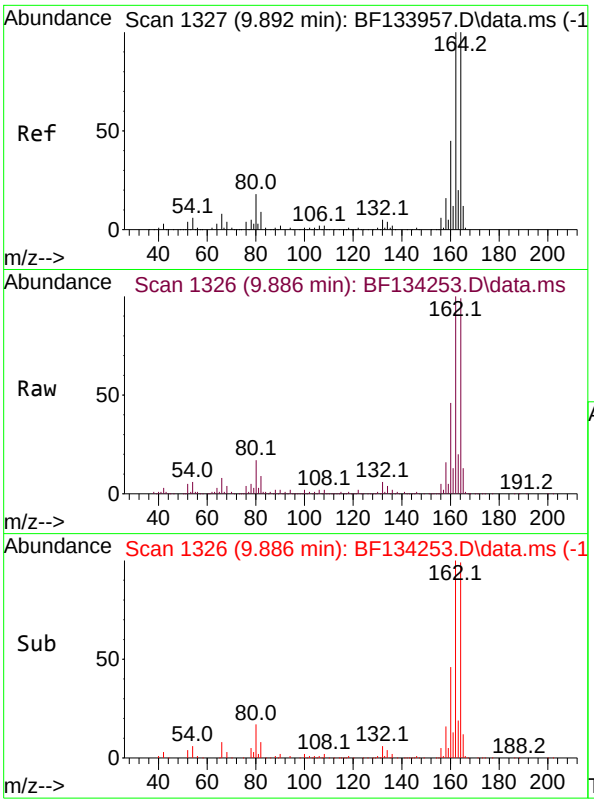


#38
1-Methylnaphthalene
Concen: 43.662 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:142 Resp: 545081

Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.5	110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:164 Resp: 19325

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.0	120.0
160	46.1	35.9	53.9

Instrument :
BNA_F
ClientSampleId :
ETGI-369MS

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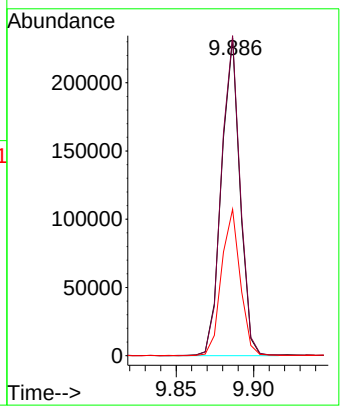
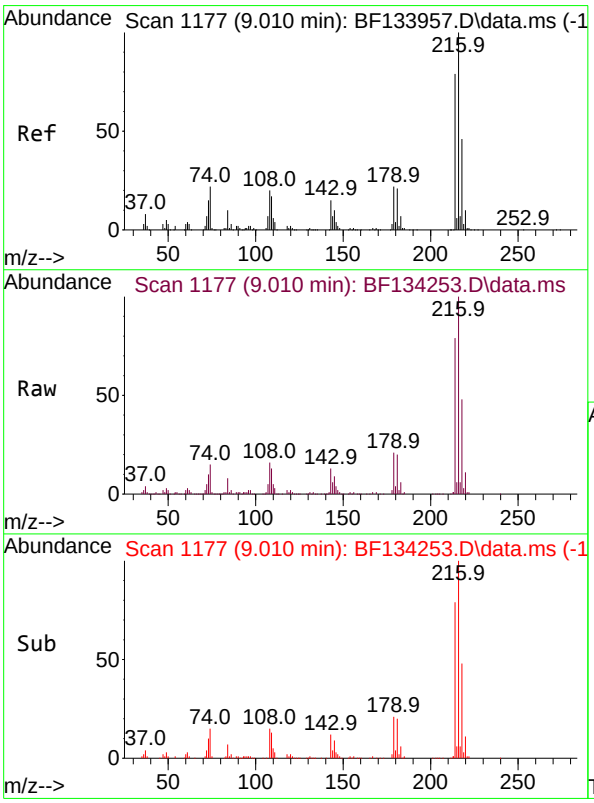
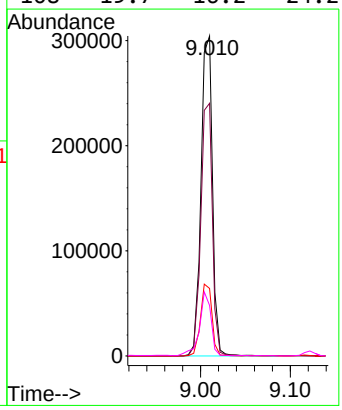


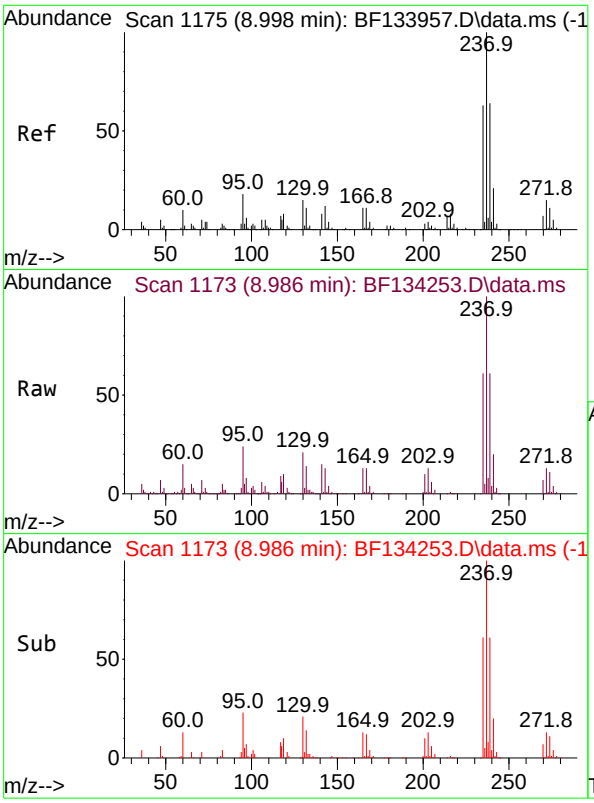


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.255 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:216 Resp: 270553

Ion	Ratio	Lower	Upper
216	100		
214	80.0	64.1	96.1
179	22.5	17.3	25.9
108	19.7	16.2	24.2





#41
Hexachlorocyclopentadiene
Concen: 42.477 ng
RT: 8.986 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:237 Resp: 11537

Ion	Ratio	Lower	Upper
237	100		
235	61.0	42.8	82.8
272	12.7	0.0	34.6

Instrument :
BNA_F
ClientSampleId :
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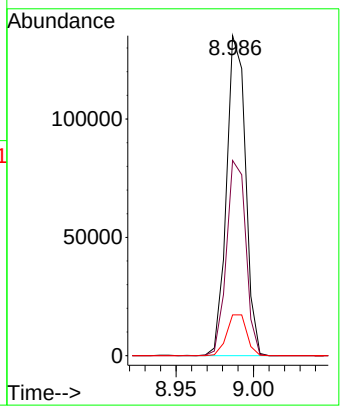
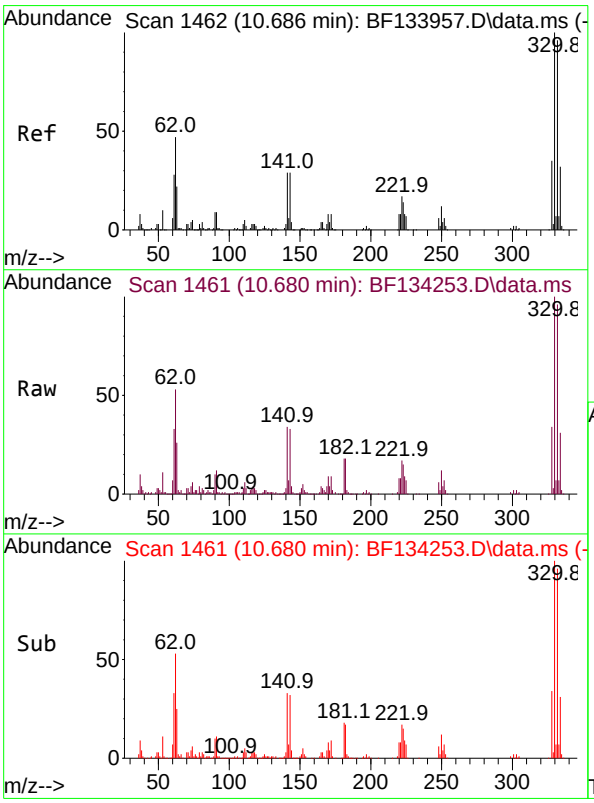
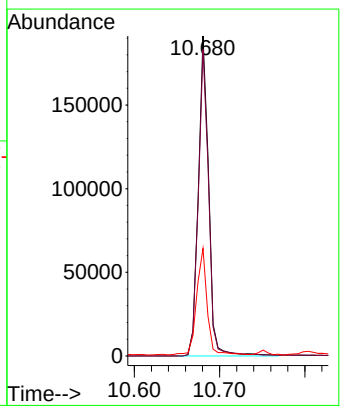


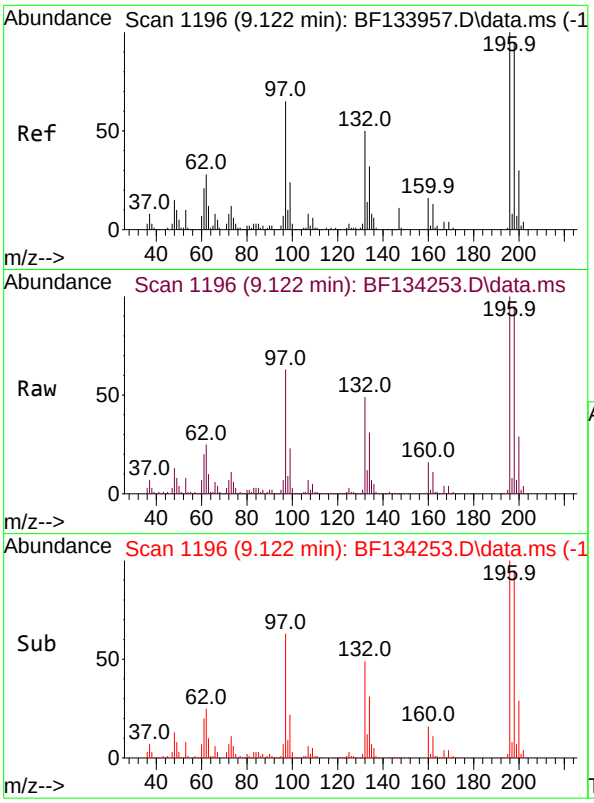


#42
2,4,6-Tribromophenol
Concen: 66.837 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:330 Resp: 161946

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	33.6	26.3	39.5

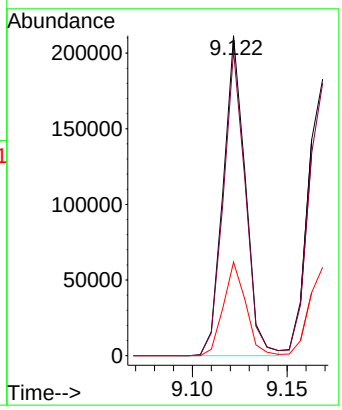




#43
2,4,6-Trichlorophenol
Concen: 43.944 ng
RT: 9.122 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:196 Resp: 17127

Ion	Ratio	Lower	Upper
196	100		
198	95.4	75.6	113.4
200	29.3	24.4	36.6



Instrument :
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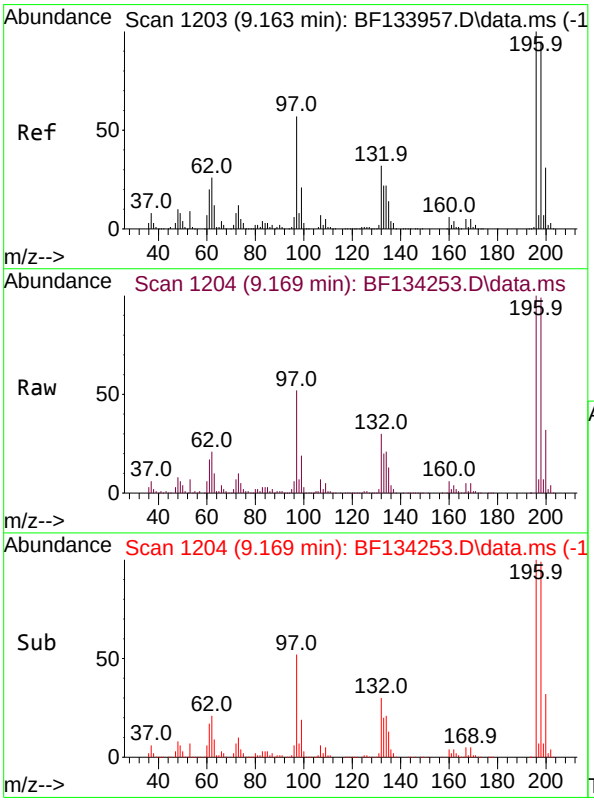
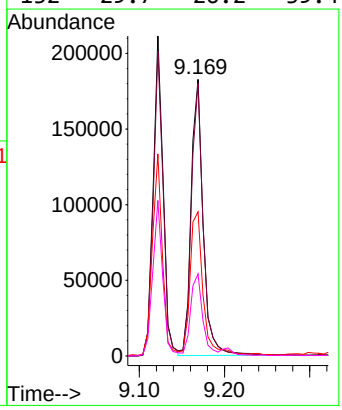
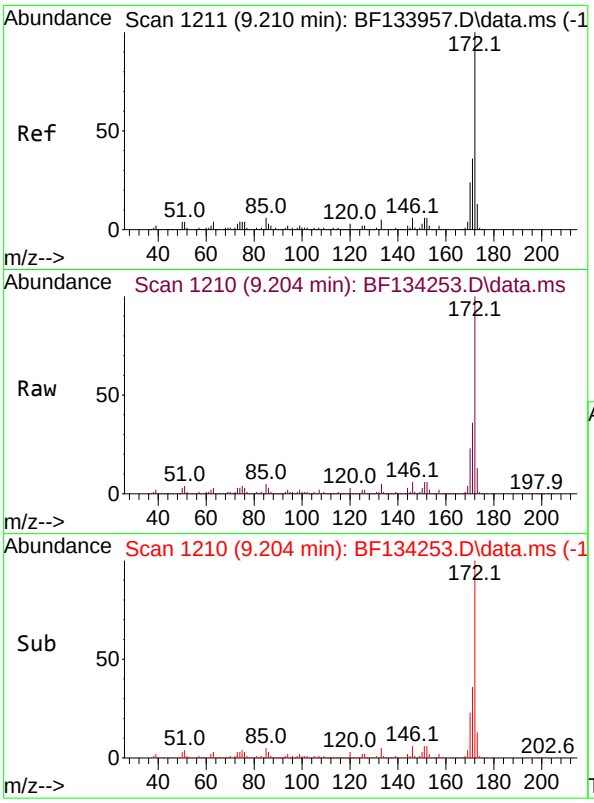


#44
2,4,5-Trichlorophenol
Concen: 39.108 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:196 Resp: 179293

Ion	Ratio	Lower	Upper
196	100		
198	98.6	75.7	113.5
97	52.1	45.8	68.6
132	29.7	26.2	39.4

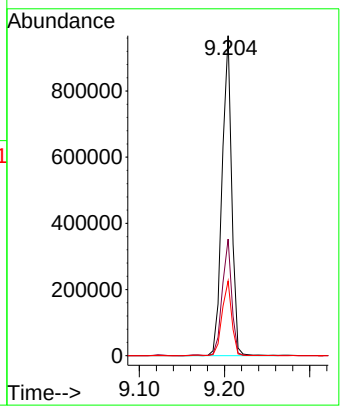




#45
2-Fluorobiphenyl
Concen: 57.073 ng
RT: 9.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:172 Resp: 75861

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	23.4	19.4	29.0



Instrument :
BNA_F
ClientSampleId :
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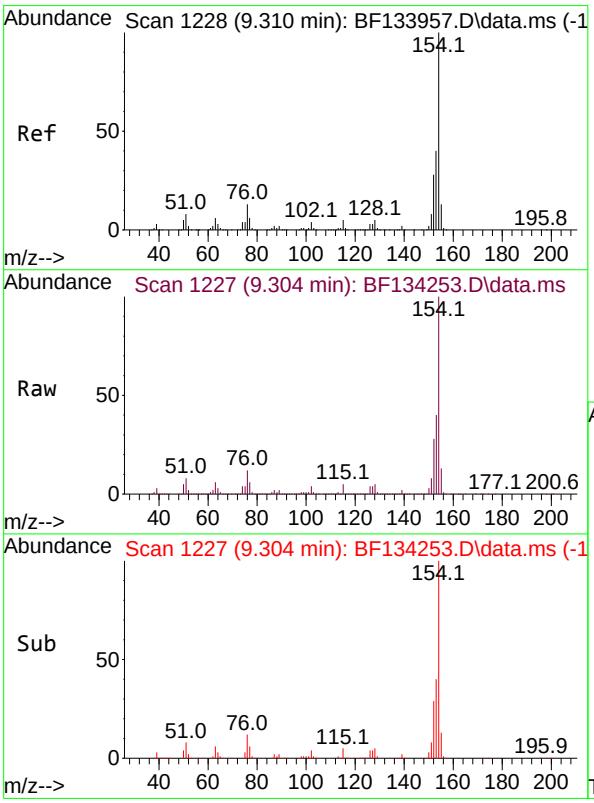
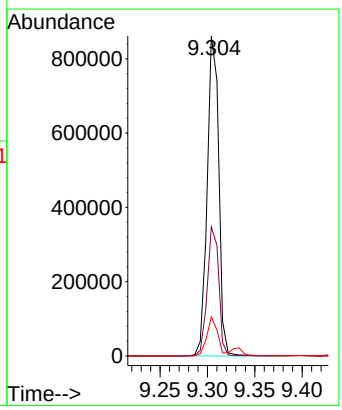
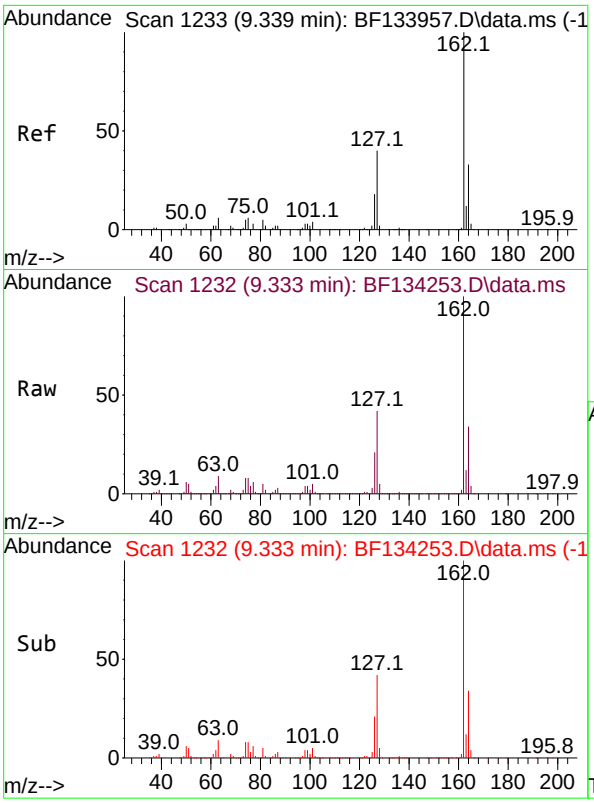


#46
1,1'-Biphenyl
Concen: 47.238 ng
RT: 9.304 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:154 Resp: 732283

Ion	Ratio	Lower	Upper
154	100		
153	40.4	19.8	59.8
76	12.2	0.0	32.9

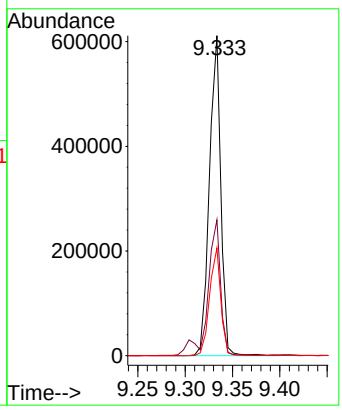




#47
2-Chloronaphthalene
Concen: 45.131 ng
RT: 9.333 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:162 Resp: 51188

Ion	Ratio	Lower	Upper
162	100		
127	42.4	32.9	49.3
164	33.7	26.1	39.1



Instrument :
BNA_F
ClientSampleId :
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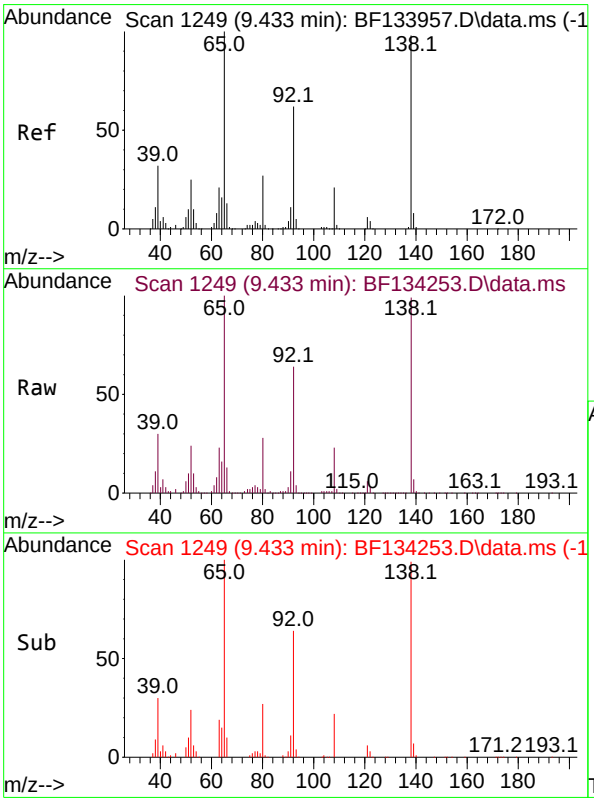
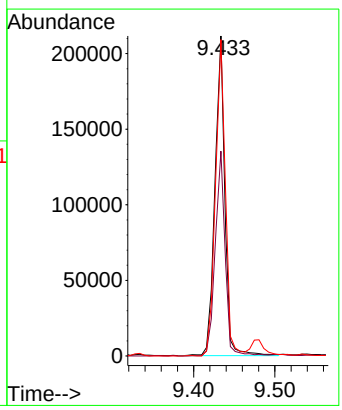
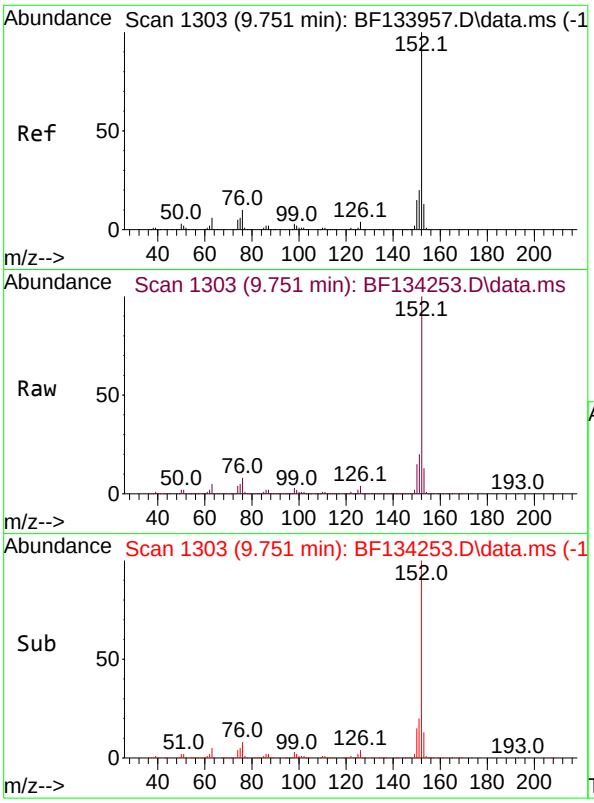


#48
2-Nitroaniline
Concen: 43.440 ng
RT: 9.433 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion: 65 Resp: 179563

Ion	Ratio	Lower	Upper
65	100		
92	64.0	49.5	74.3
138	98.9	78.0	117.0

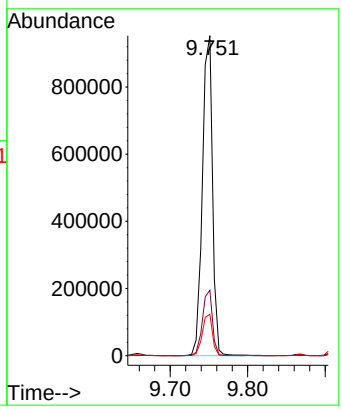




#49
Acenaphthylene
Concen: 44.623 ng
RT: 9.751 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:152 Resp: 86458

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.2
153	13.0	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
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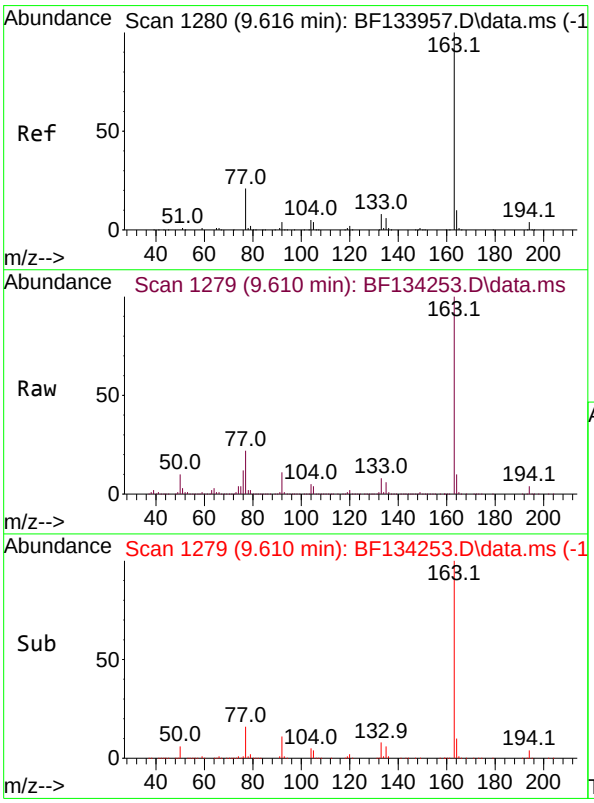
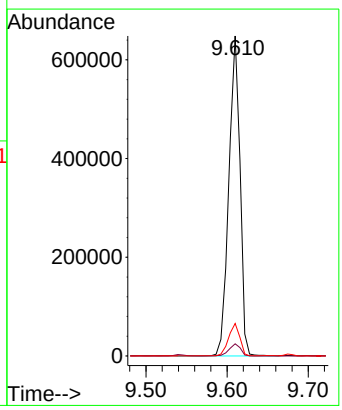
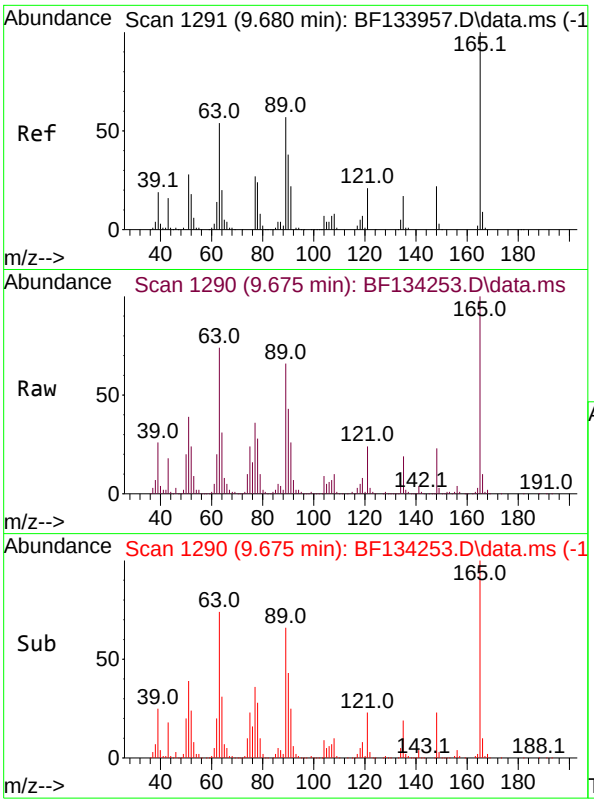


#50
Dimethylphthalate
Concen: 44.214 ng
RT: 9.610 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:163 Resp: 620239

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.1	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 43.047 ng
RT: 9.675 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:165 Resp: 13006

Ion	Ratio	Lower	Upper
165	100		
63	74.1	48.5	72.7
89	65.9	45.5	68.3

Instrument :
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ClientSampleId :
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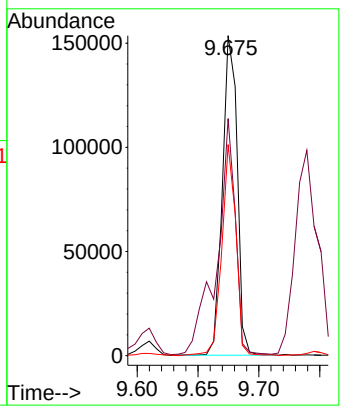
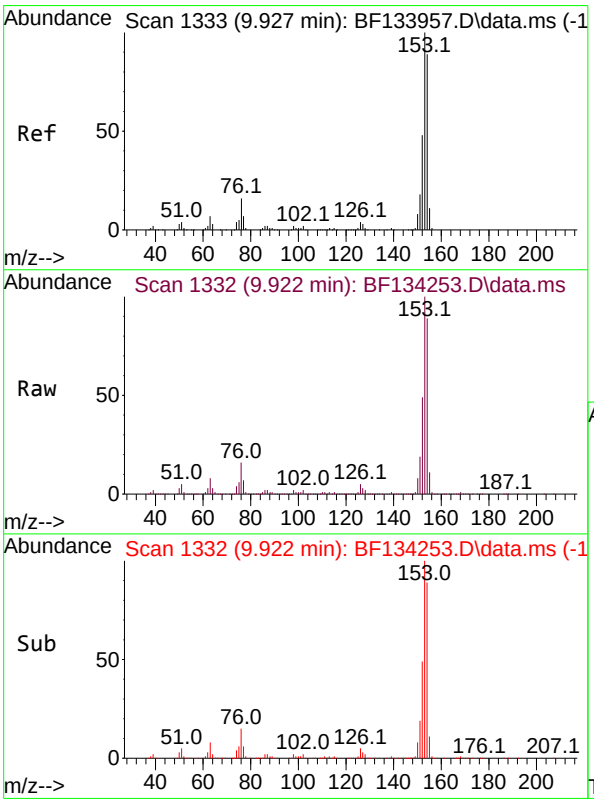
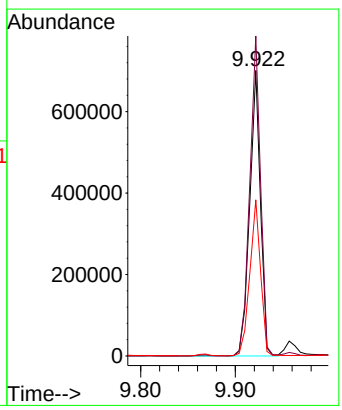


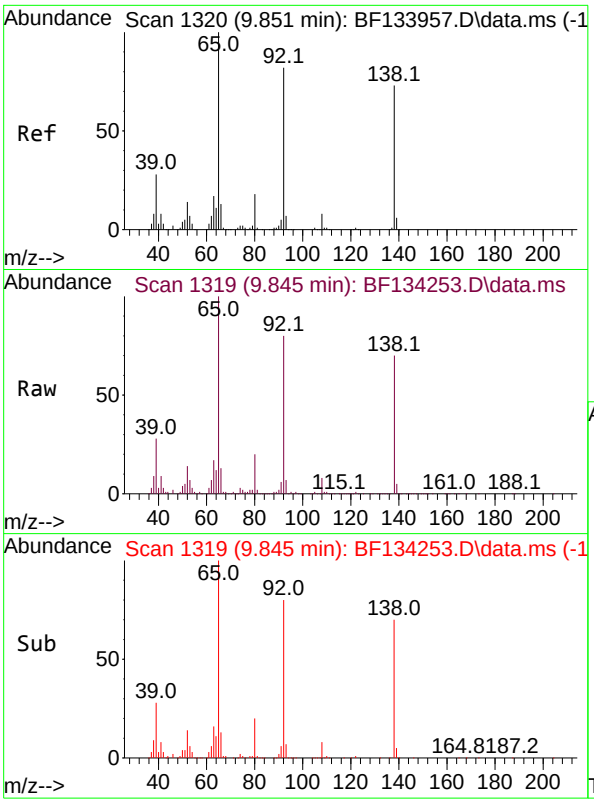


#52
Acenaphthene
Concen: 49.554 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:154 Resp: 557118

Ion	Ratio	Lower	Upper
154	100		
153	112.1	89.4	134.2
152	54.7	42.8	64.2





#53
3-Nitroaniline
Concen: 33.193 ng
RT: 9.845 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:138 Resp: 12031

Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.4	12.6
92	114.7	90.1	135.1

Instrument :
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ClientSampleId :
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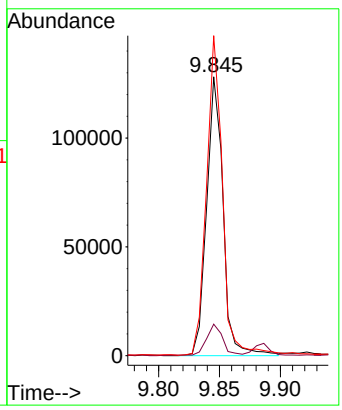
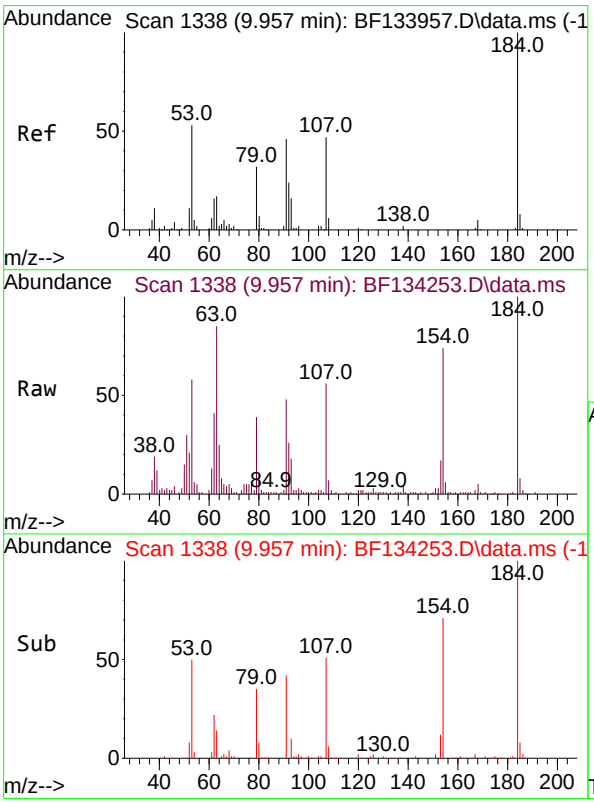
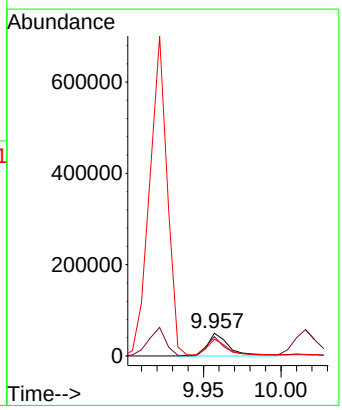


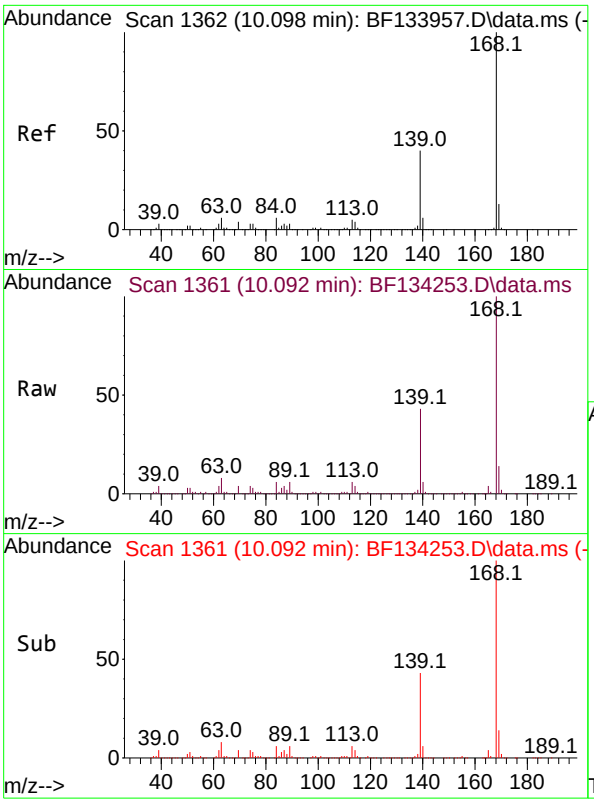


#54
2,4-Dinitrophenol
Concen: 29.584 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:184 Resp: 47156

Ion	Ratio	Lower	Upper
184	100		
63	85.1	56.9	85.3
154	73.9	55.4	83.0





#55
Dibenzofuran
Concen: 49.628 ng
RT: 10.092 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:168 Resp: 87198

Ion	Ratio	Lower	Upper
168	100		
139	42.8	32.0	48.0
169	14.0	10.6	16.0

Instrument :
BNA_F
ClientSampleId :
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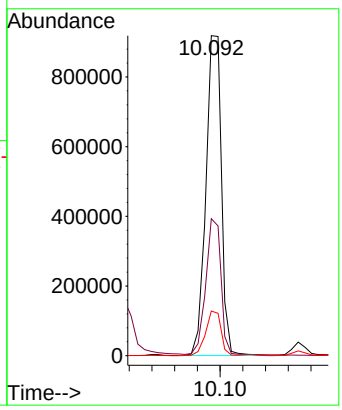
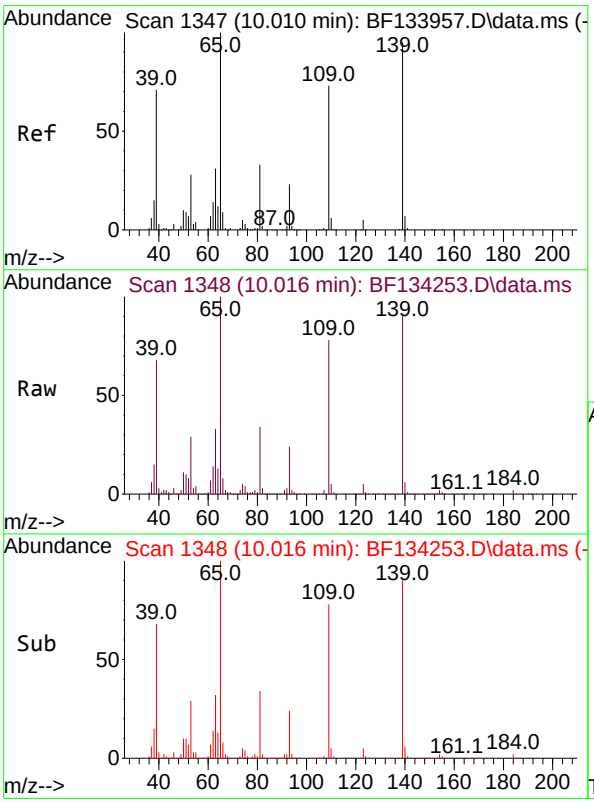
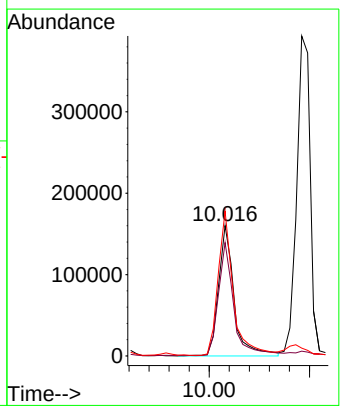


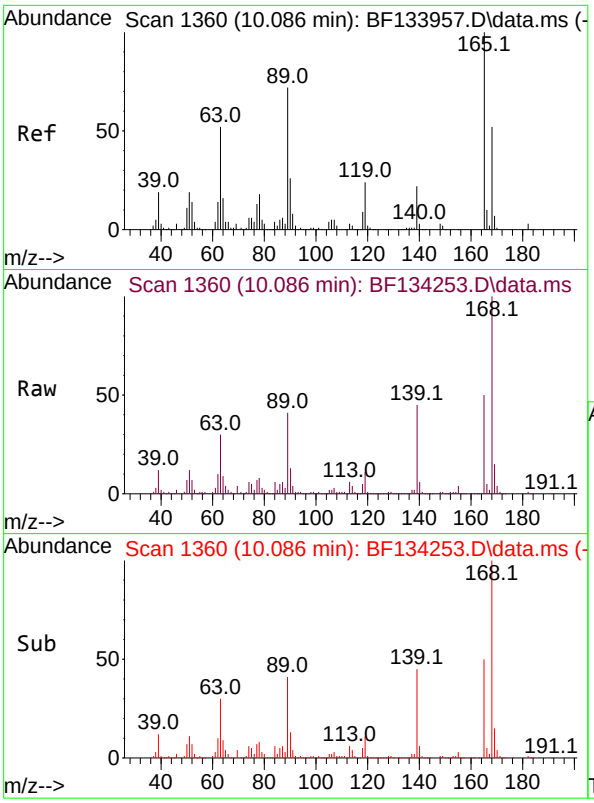


#56
4-Nitrophenol
Concen: 67.933 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:139 Resp: 172239

Ion	Ratio	Lower	Upper
139	100		
109	87.1	56.8	96.8
65	111.2	86.1	126.1

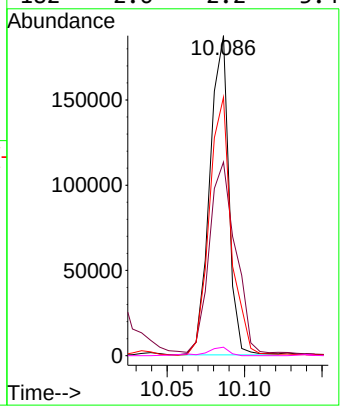




#57
2,4-Dinitrotoluene
Concen: 40.118 ng
RT: 10.086 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:165 Resp: 16007

Ion	Ratio	Lower	Upper
165	100		
63	60.5	42.2	63.2
89	80.8	57.4	86.2
182	2.6	2.2	3.4



Instrument :
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ClientSampleId :
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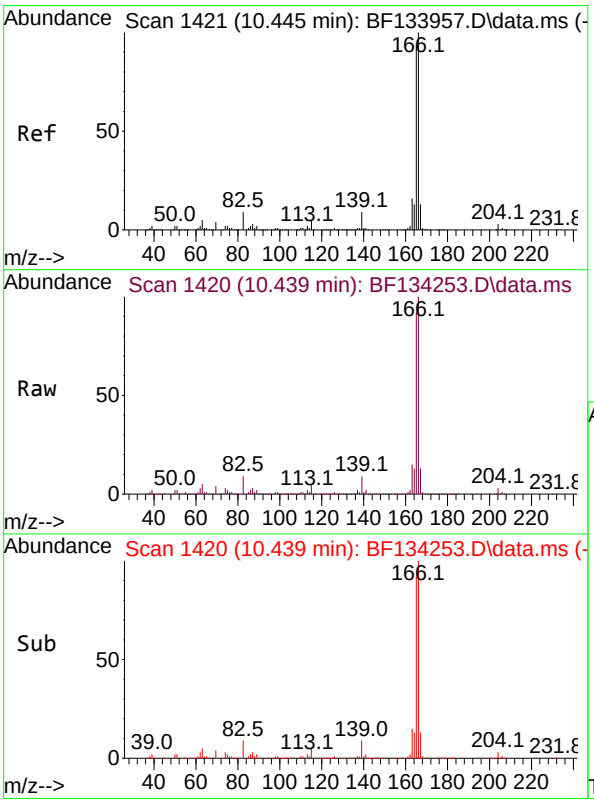
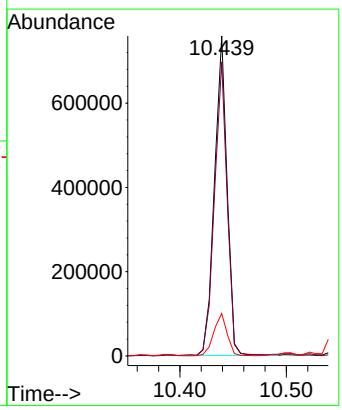
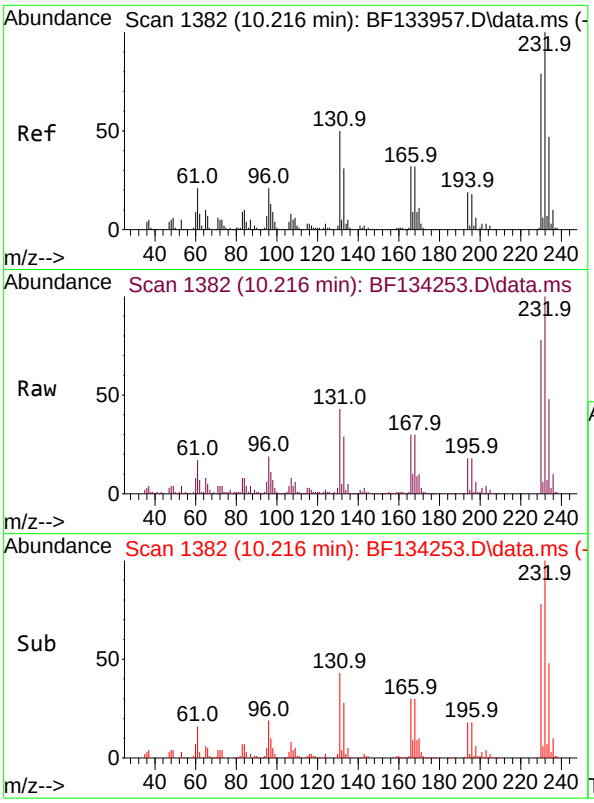


#58
Fluorene
Concen: 45.440 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:166 Resp: 621143

Ion	Ratio	Lower	Upper
166	100		
165	91.9	75.0	112.4
167	13.2	10.6	15.8

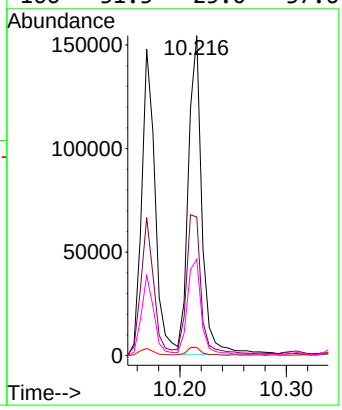




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.455 ng
RT: 10.216 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:232 Resp: 13544

Ion	Ratio	Lower	Upper
232	100		
131	46.8	39.3	58.9
130	2.8	1.8	2.6
166	31.3	25.0	37.6



Instrument :
BNA_F
ClientSampleId :
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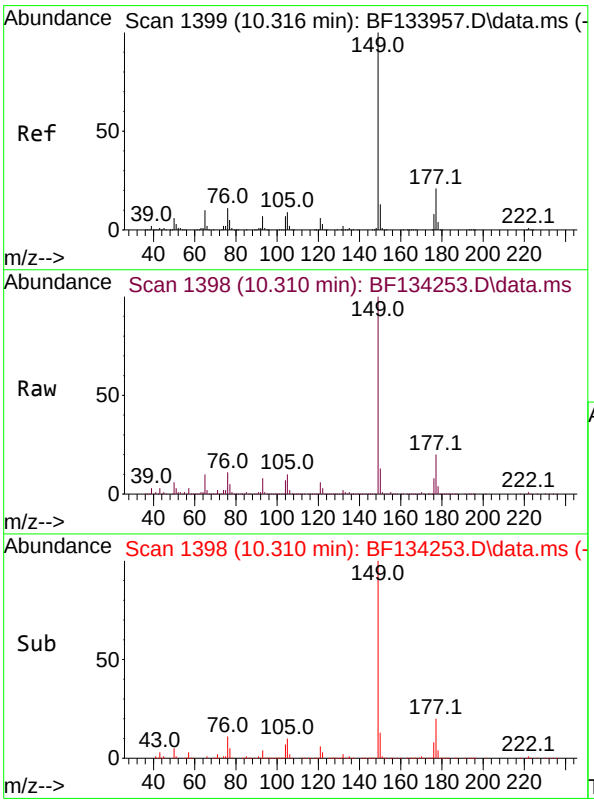
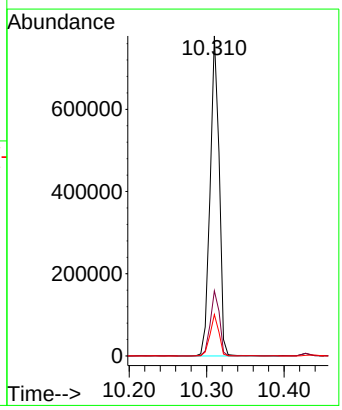
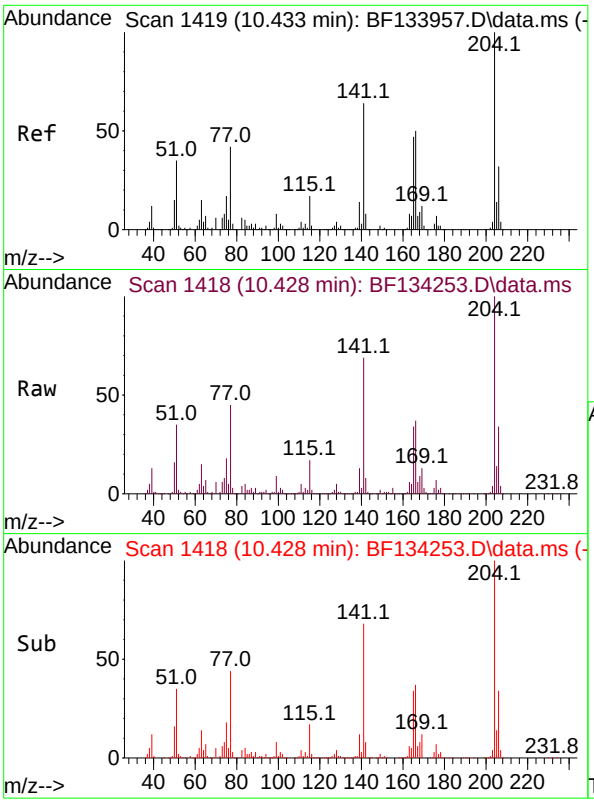


#60
Diethylphthalate
Concen: 43.124 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:149 Resp: 630259

Ion	Ratio	Lower	Upper
149	100		
177	20.3	17.0	25.6
150	12.9	10.2	15.2





#61
4-Chlorophenyl-phenylether
Concen: 42.088 ng
RT: 10.428 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:204 Resp: 27726

Ion	Ratio	Lower	Upper
204	100		
206	33.6	25.8	38.6
141	68.5	51.5	77.3

Instrument :
BNA_F
ClientSampleId :
ETGI-369MS

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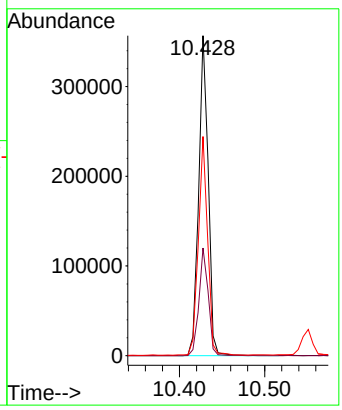
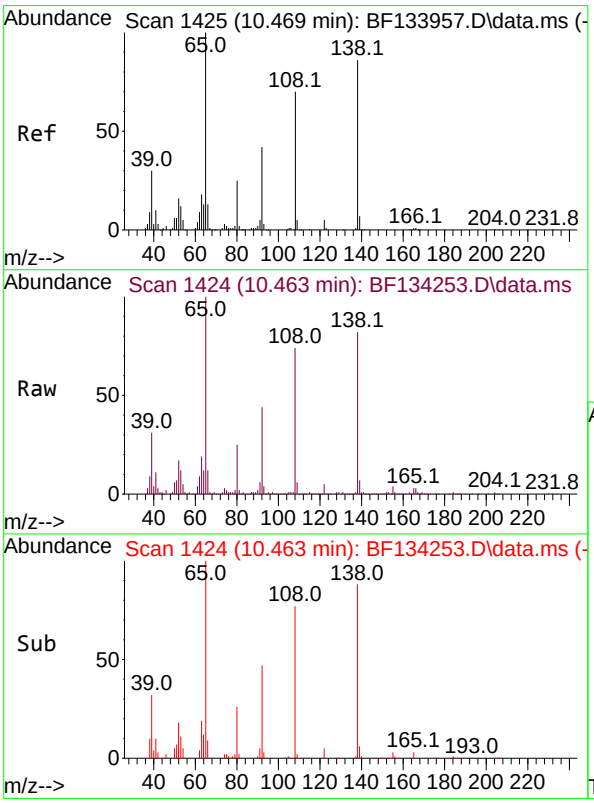
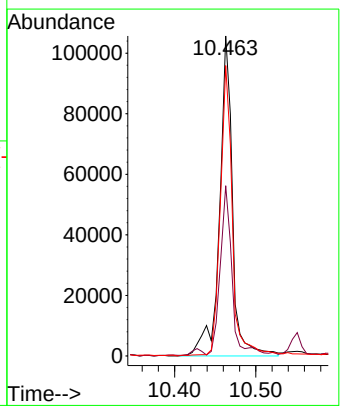


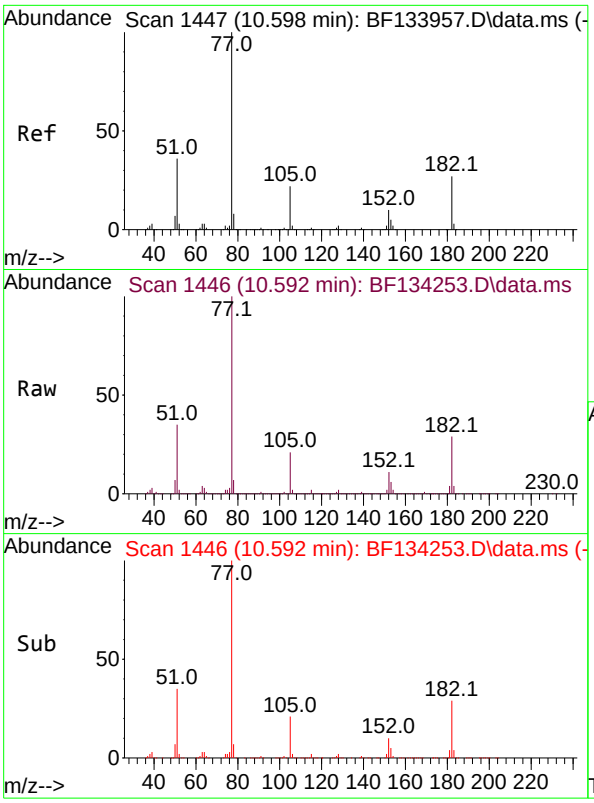


#62
4-Nitroaniline
Concen: 32.204 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:138 Resp: 117639

Ion	Ratio	Lower	Upper
138	100		
92	53.2	29.7	69.7
108	90.7	62.1	102.1

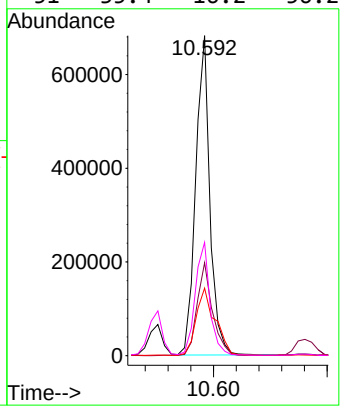




#63
Azobenzene
Concen: 42.831 ng
RT: 10.592 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion: 77 Resp: 59212

Ion	Ratio	Lower	Upper
77	100		
182	29.0	6.8	46.8
105	21.1	2.3	42.3
51	35.4	16.2	56.2



Instrument :
BNA_F
ClientSampleId :
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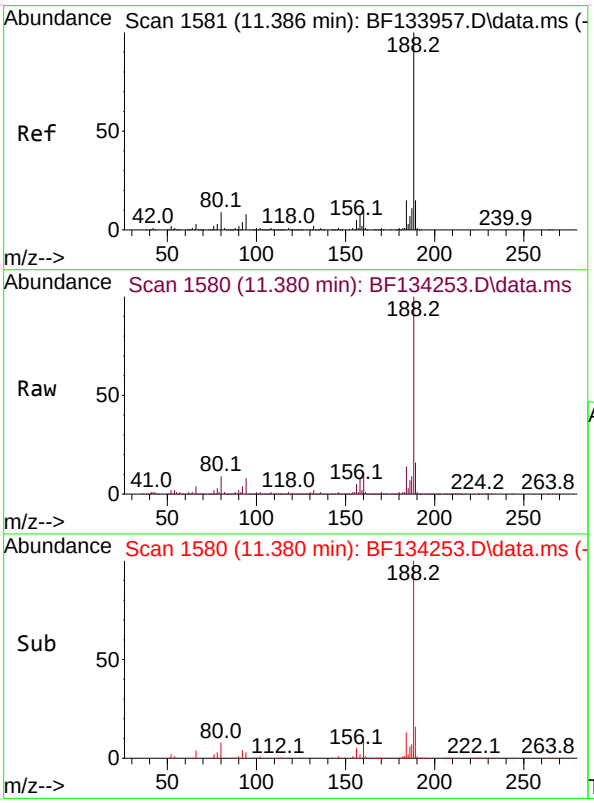
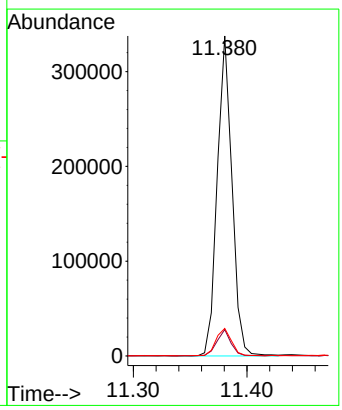
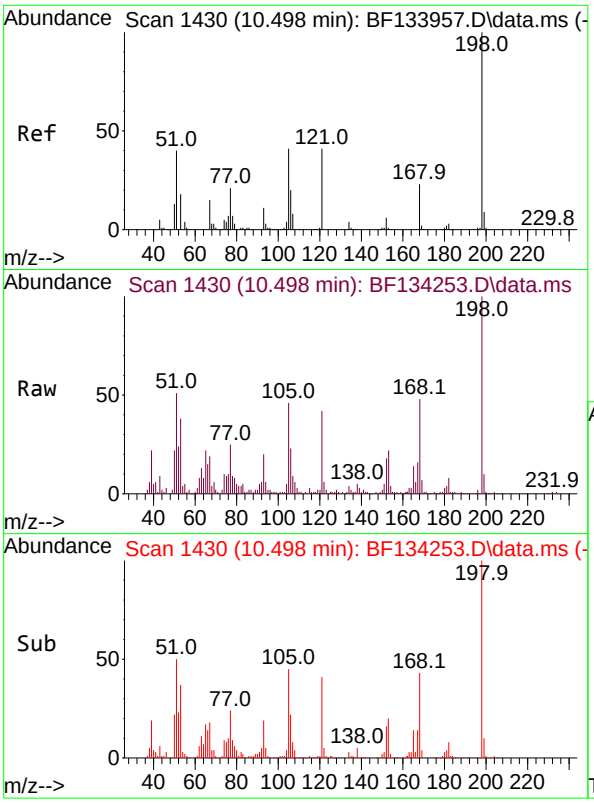


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:188 Resp: 305504

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.4	9.6
80	8.6	7.3	10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 25.204 ng
RT: 10.498 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:198 Resp: 4198

Ion	Ratio	Lower	Upper
198	100		
51	51.1	29.3	69.3
105	46.1	22.4	62.4

Instrument :
BNA_F
ClientSampleId :
ETGI-369MS

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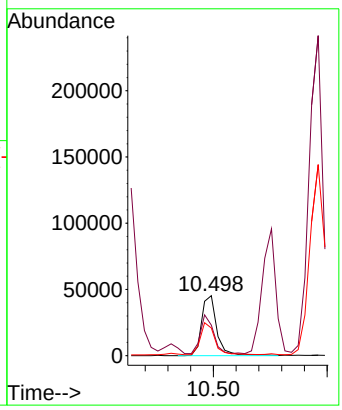
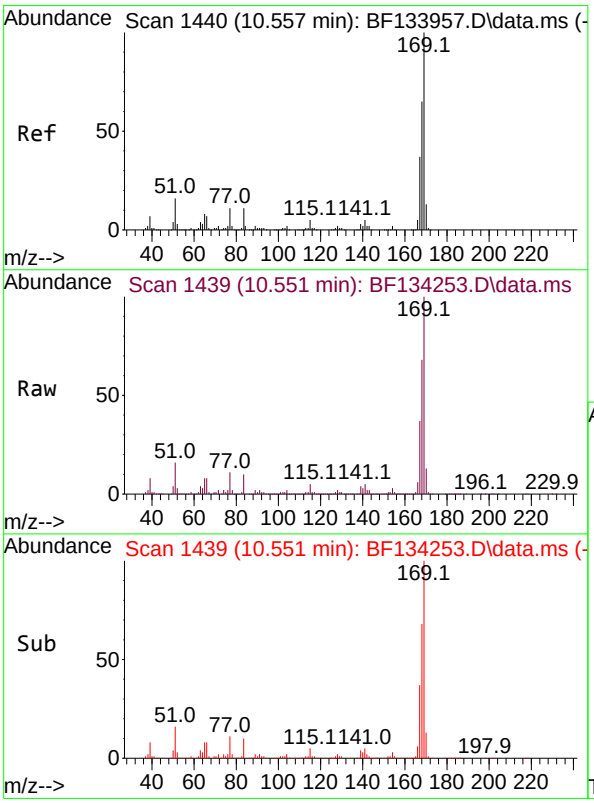
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

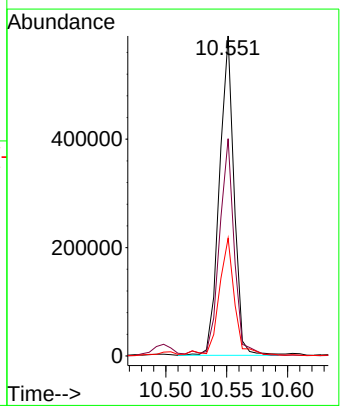


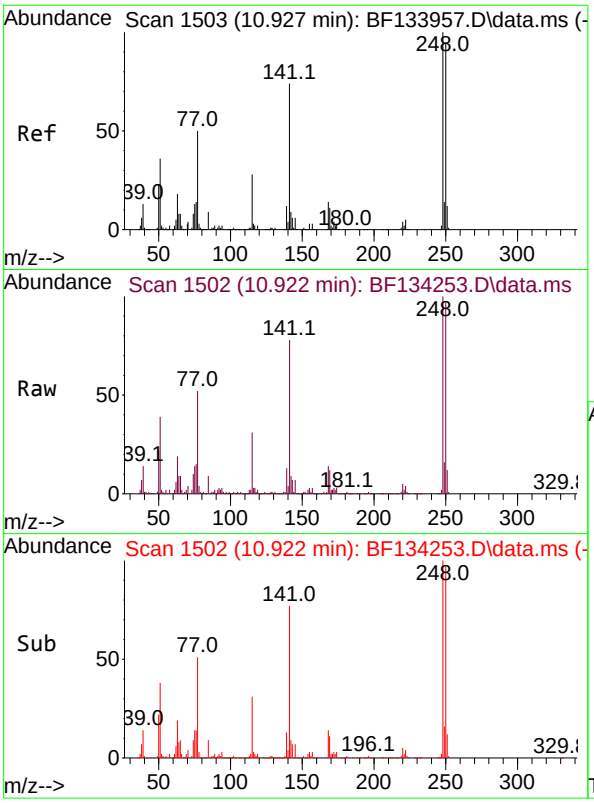


#66
n-Nitrosodiphenylamine
Concen: 50.630 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:169 Resp: 494200

Ion	Ratio	Lower	Upper
169	100		
168	67.9	52.3	78.5
167	36.8	29.4	44.0





#67
4-Bromophenyl-phenylether
Concen: 51.151 ng
RT: 10.922 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:248 Resp: 16609

Ion	Ratio	Lower	Upper
248	100		
250	96.9	76.2	114.4
141	77.8	59.0	88.4

Instrument :
BNA_F
ClientSampleId :
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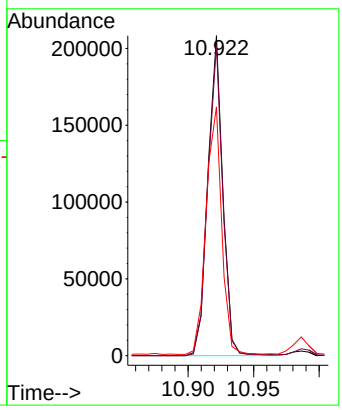
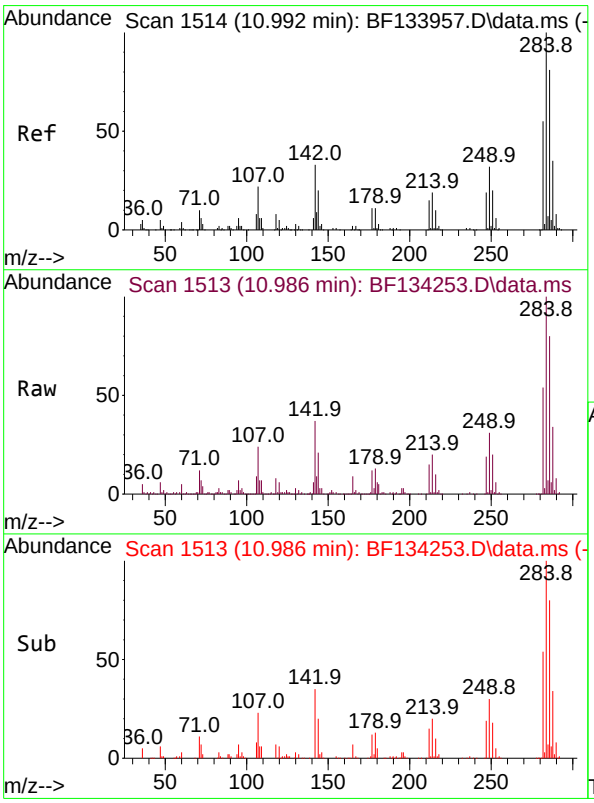
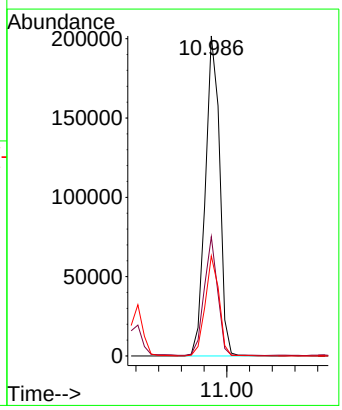


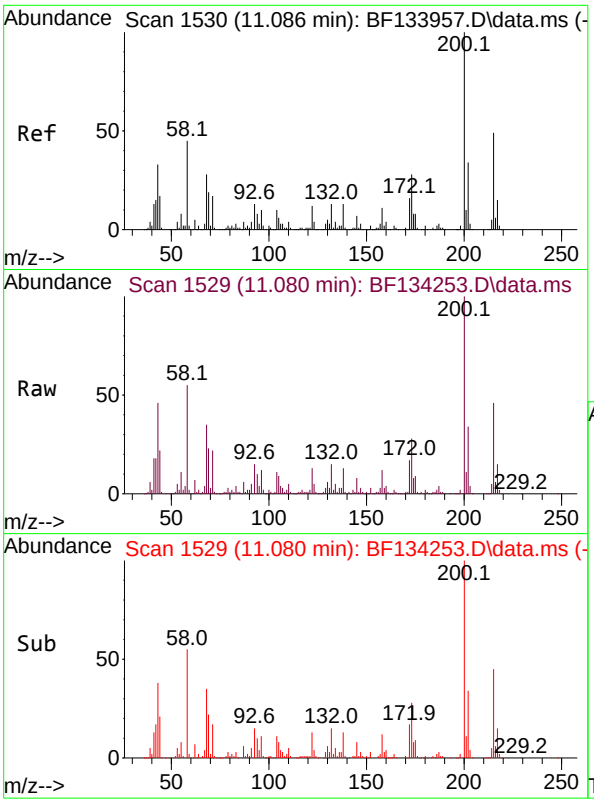


#68
Hexachlorobenzene
Concen: 51.060 ng
RT: 10.986 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:284 Resp: 176039

Ion	Ratio	Lower	Upper
284	100		
142	37.3	26.6	40.0
249	31.3	25.5	38.3

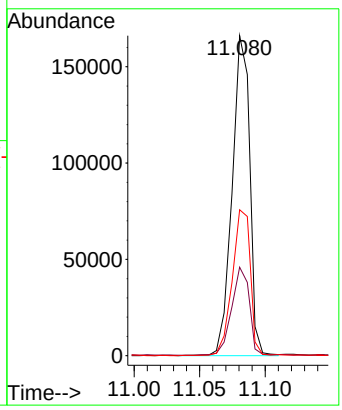




#69
Atrazine
Concen: 57.507 ng
RT: 11.080 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:200 Resp: 15526

Ion	Ratio	Lower	Upper
200	100		
173	27.7	8.0	48.0
215	45.6	29.3	69.3



Instrument :
BNA_F
ClientSampleId :
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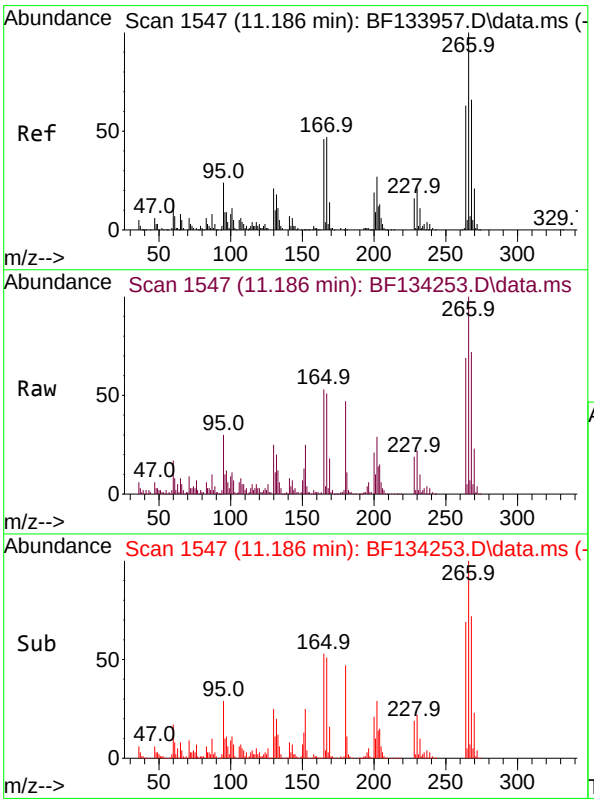
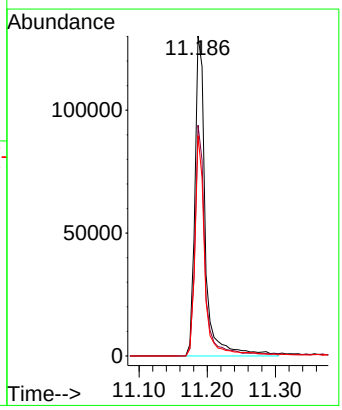
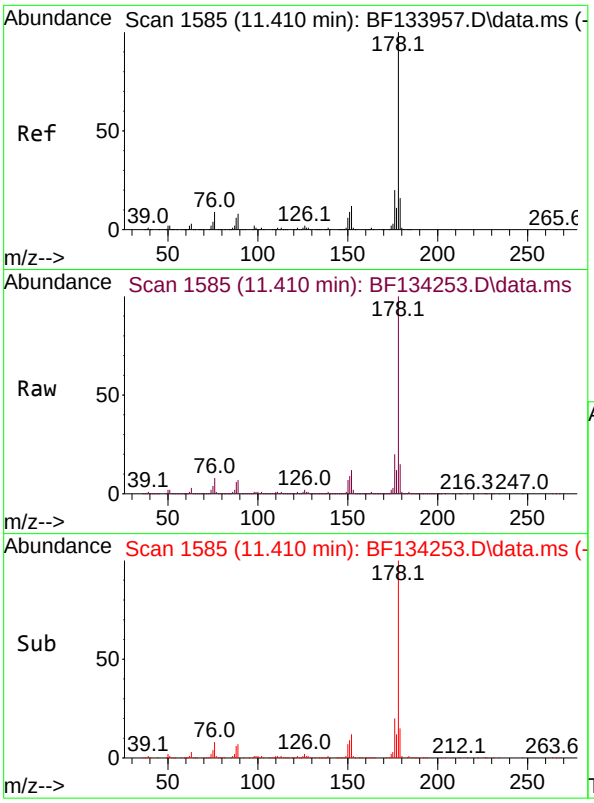


#70
Pentachlorophenol
Concen: 67.448 ng
RT: 11.186 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:266 Resp: 139041

Ion	Ratio	Lower	Upper
266	100		
268	72.1	52.6	79.0
264	68.9	50.6	76.0

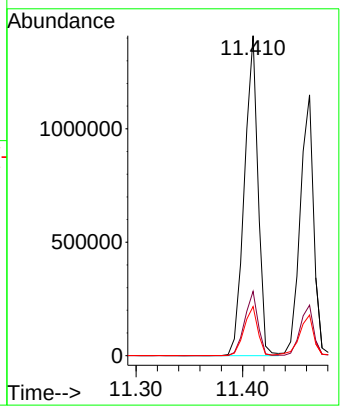




#71
Phenanthrene
Concen: 81.498 ng
RT: 11.410 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:178 Resp: 125341

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.0	24.0
179	15.3	12.4	18.6



Instrument :
BNA_F
ClientSampleId :
ETGI-369MS

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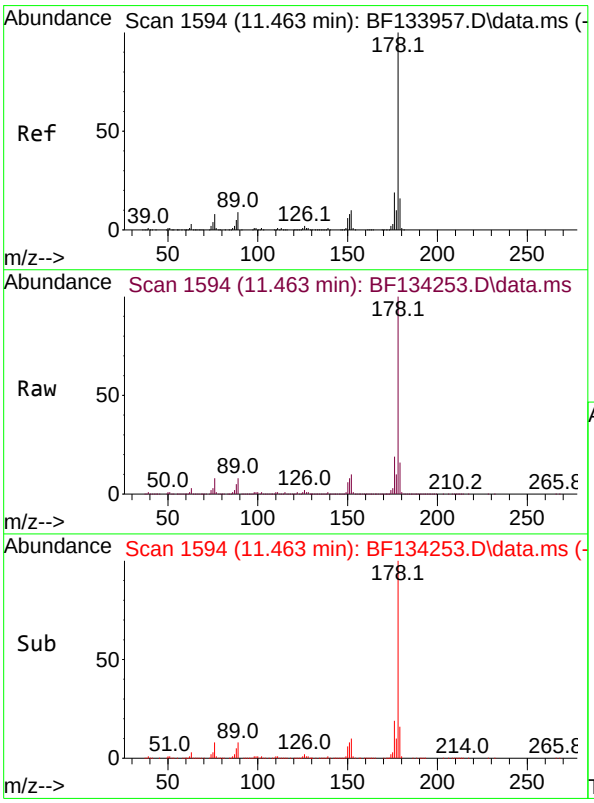
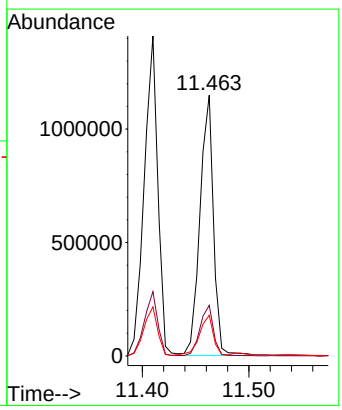
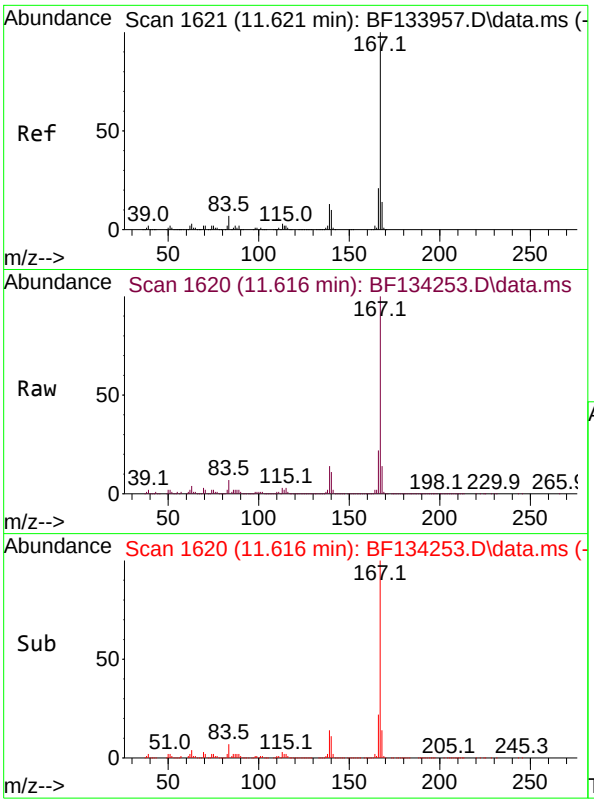


#72
Anthracene
Concen: 63.554 ng
RT: 11.463 min Scan# 1594
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:178 Resp: 1016649

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.6	12.4	18.6





#73
Carbazole
Concen: 44.858 ng
RT: 11.616 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:167 Resp: 65680

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.0	25.6
139	14.0	10.4	15.6

Instrument :
BNA_F
ClientSampleId :
ETGI-369MS

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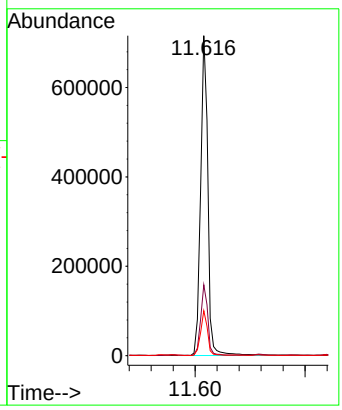
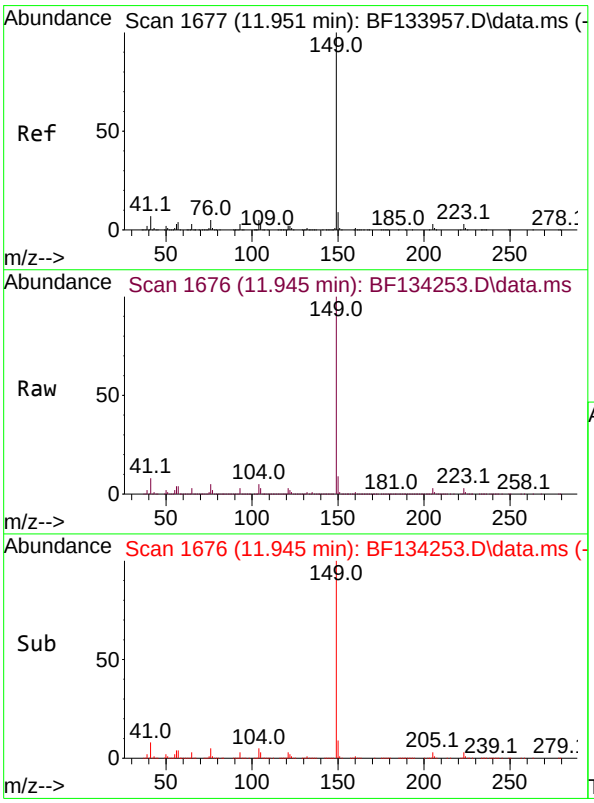
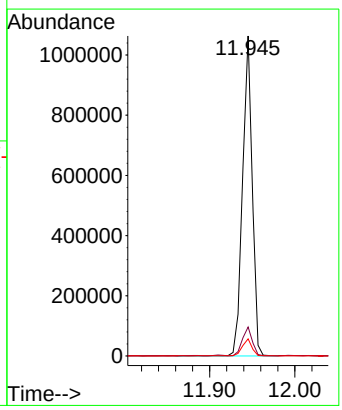


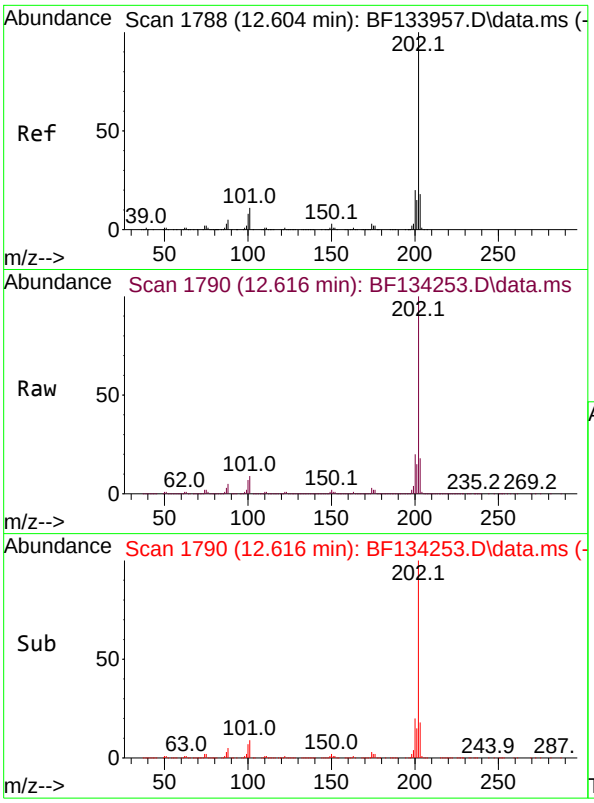


#74
Di-n-butylphthalate
Concen: 47.997 ng
RT: 11.945 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:149 Resp: 835720

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.1	10.7
104	5.4	4.0	6.0





#75
Fluoranthene
Concen: 138.178 ng
RT: 12.616 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:202 Resp: 229745

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	31.0
203	17.6	0.0	37.6

Instrument :
BNA_F
ClientSampleId :
ETGI-369MS

Manual Integrations
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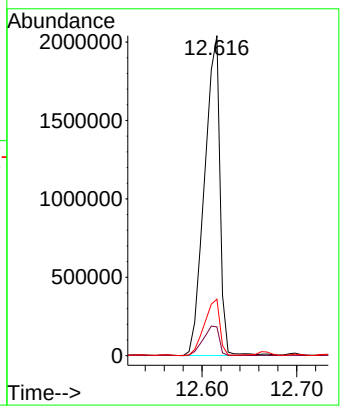
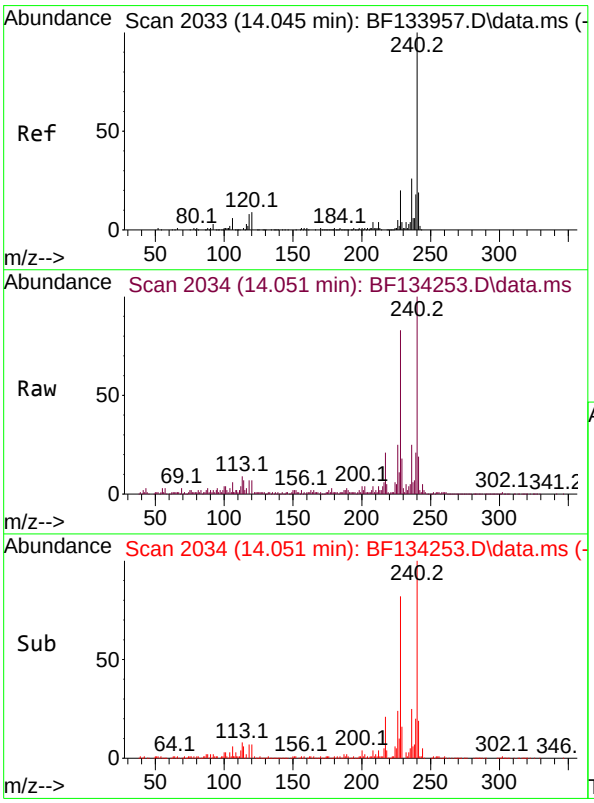
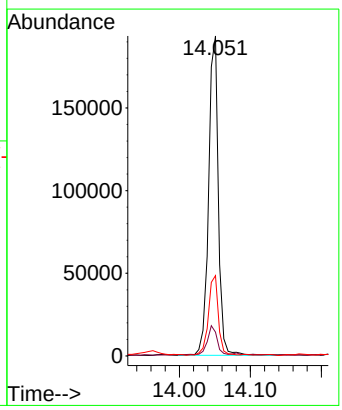


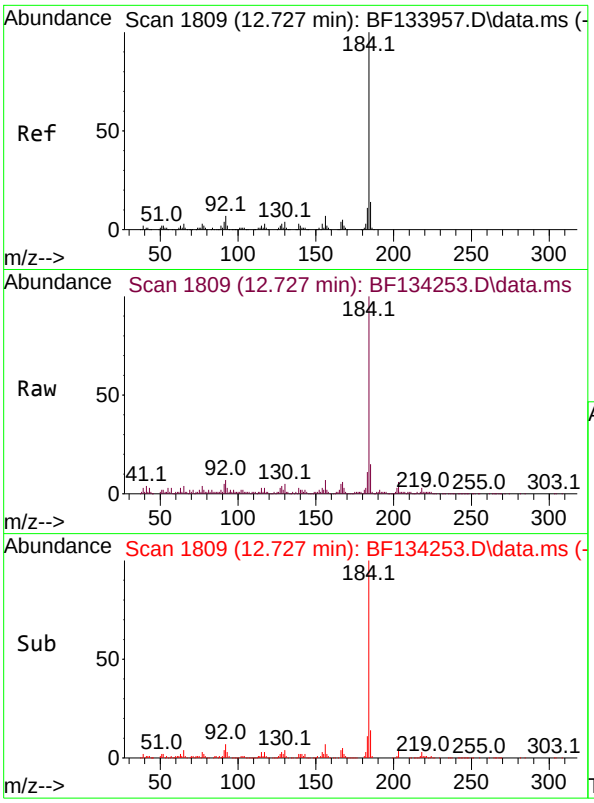


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.012 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:240 Resp: 184957

Ion	Ratio	Lower	Upper
240	100		
120	7.5	7.4	11.0
236	25.1	21.0	31.6





#77
Benzidine
Concen: 35.150 ng
RT: 12.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:184 Resp: 15469

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.6	17.4
183	11.2	8.8	13.2

Instrument :
BNA_F
ClientSampleId :
ETGI-369MS

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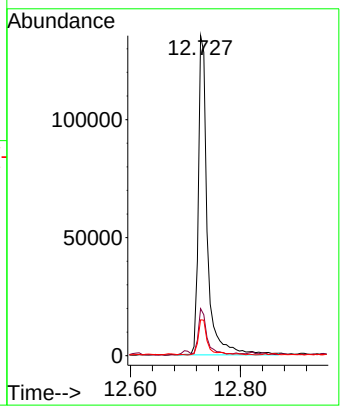
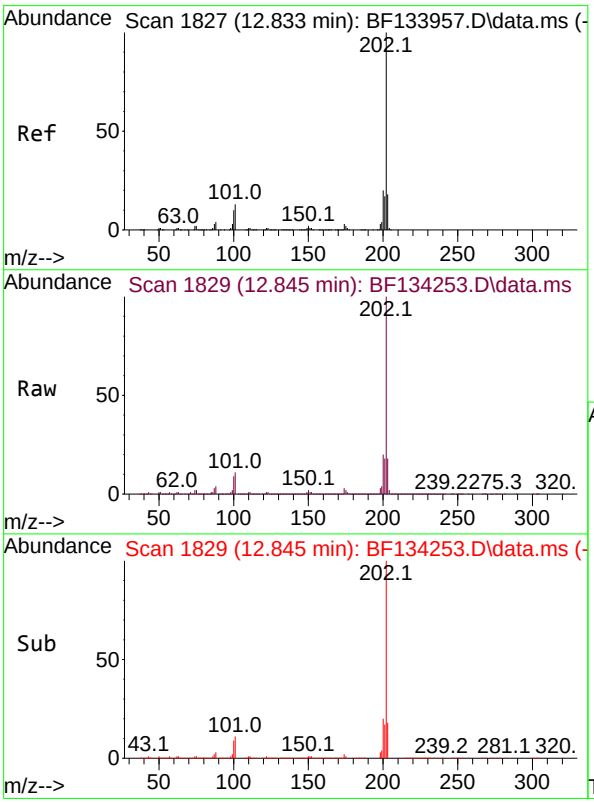
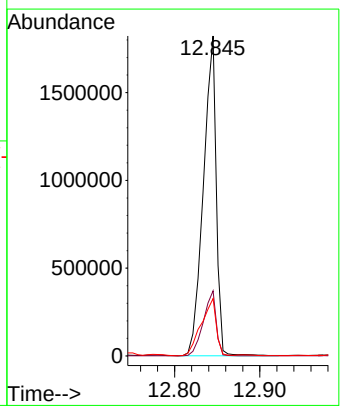


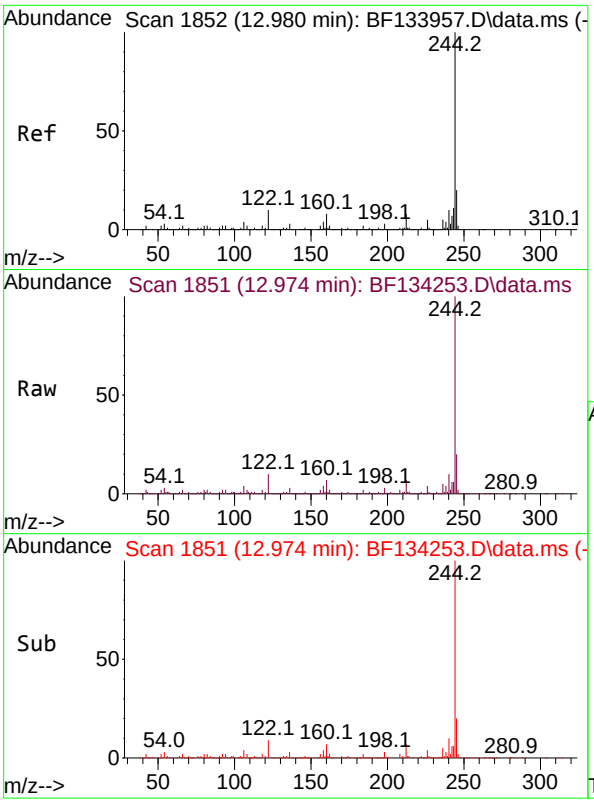


#78
Pyrene
Concen: 110.817 ng
RT: 12.845 min Scan# 1829
Delta R.T. 0.012 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:202 Resp: 1907469

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.1	24.1
203	17.9	14.3	21.5

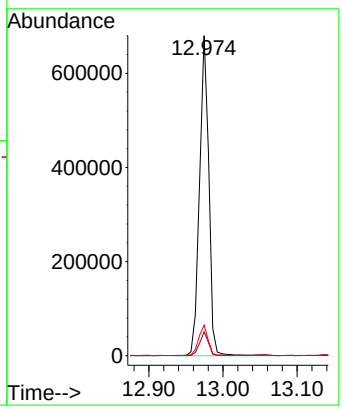




#79
Terphenyl-d14
Concen: 51.419 ng
RT: 12.974 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:244 Resp: 59091

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	9.5	8.3	12.5



Instrument :
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ClientSampleId :
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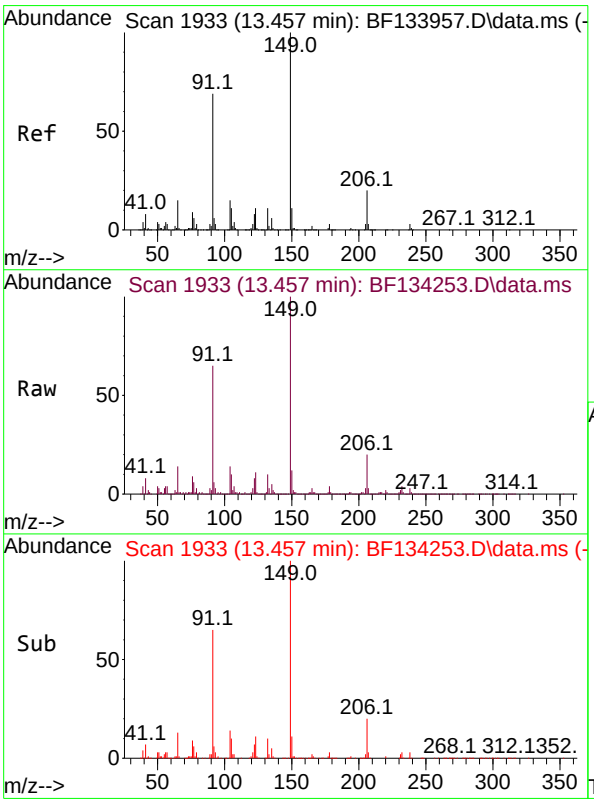
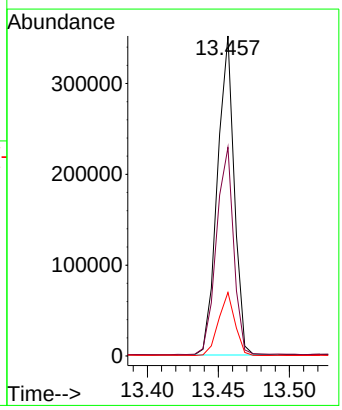
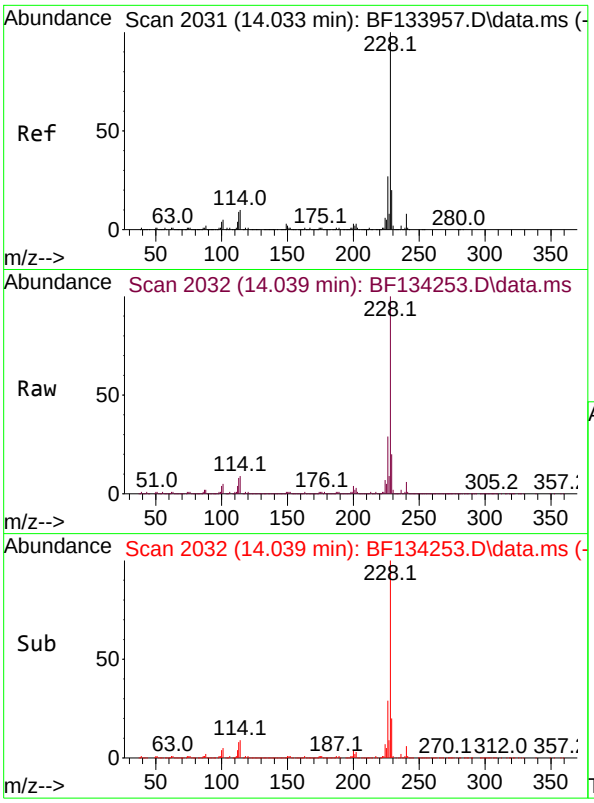


#80
Butylbenzylphthalate
Concen: 44.766 ng
RT: 13.457 min Scan# 1933
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:149 Resp: 288989

Ion	Ratio	Lower	Upper
149	100		
91	65.2	55.1	82.7
206	19.8	15.7	23.5

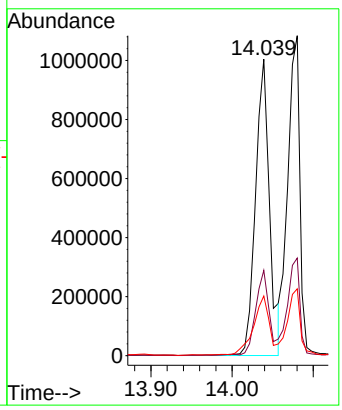




#81
Benzo(a)anthracene
Concen: 93.500 ng
RT: 14.039 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:228 Resp: 119933

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.0	33.0
229	20.1	16.3	24.5



Instrument :
BNA_F
ClientSampleId :
ETGI-369MS

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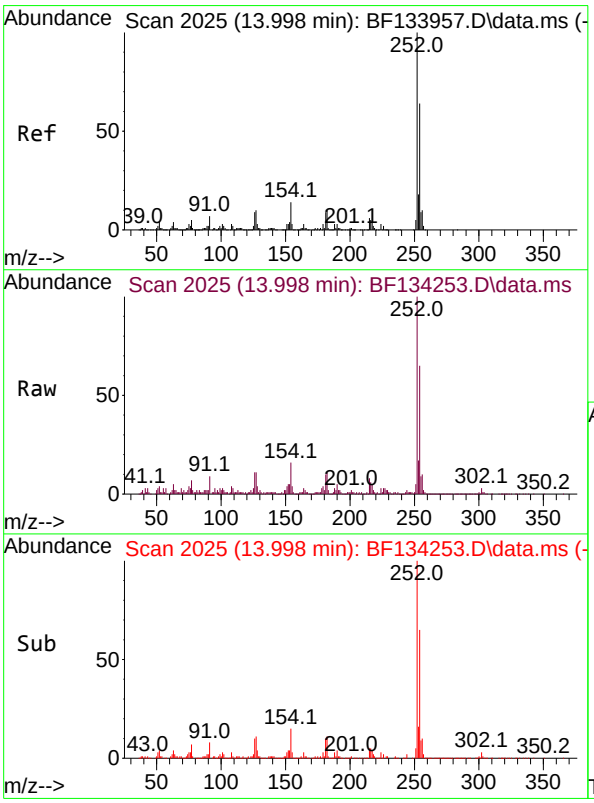
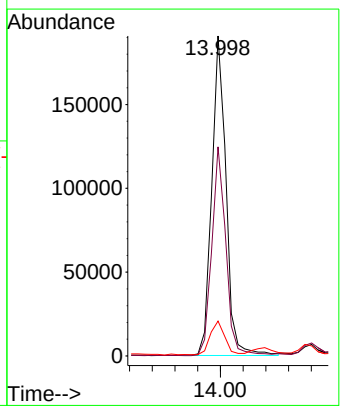
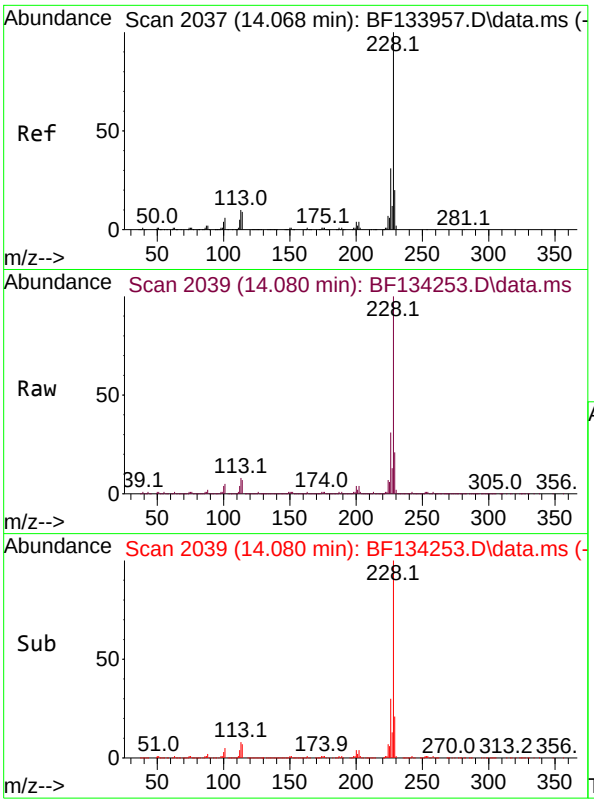


#82
3,3'-Dichlorobenzidine
Concen: 40.802 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:252 Resp: 165813

Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.4	77.0
126	10.9	7.4	11.2

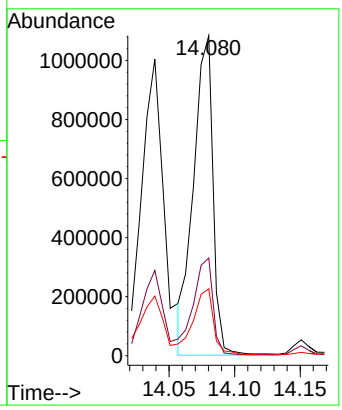




#83
Chrysene
Concen: 90.569 ng
RT: 14.080 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:228 Resp: 112522

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	20.9	16.1	24.1



Instrument :
BNA_F
ClientSampleId :
ETGI-369MS

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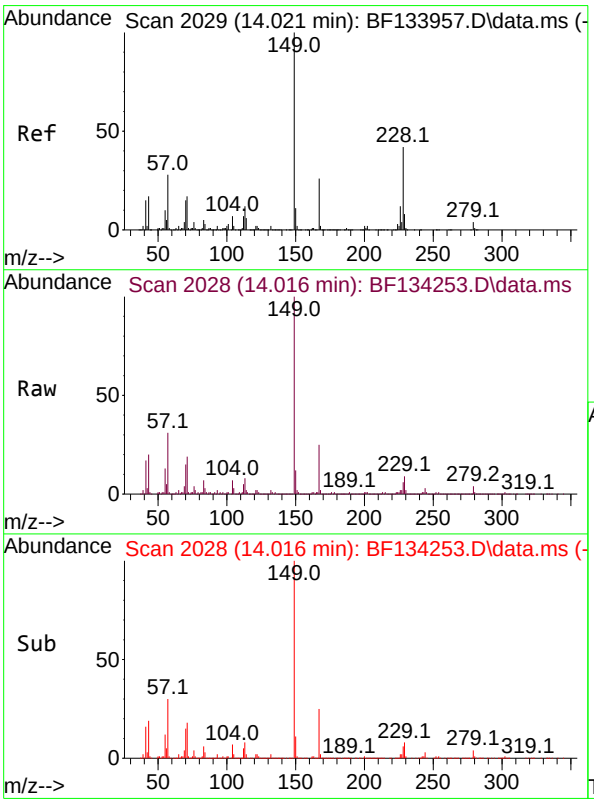
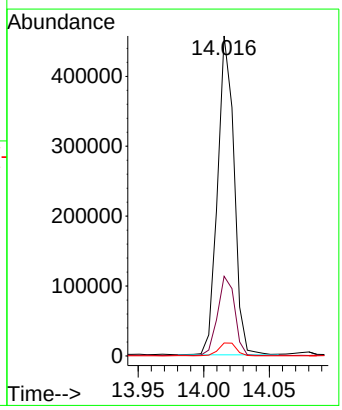
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

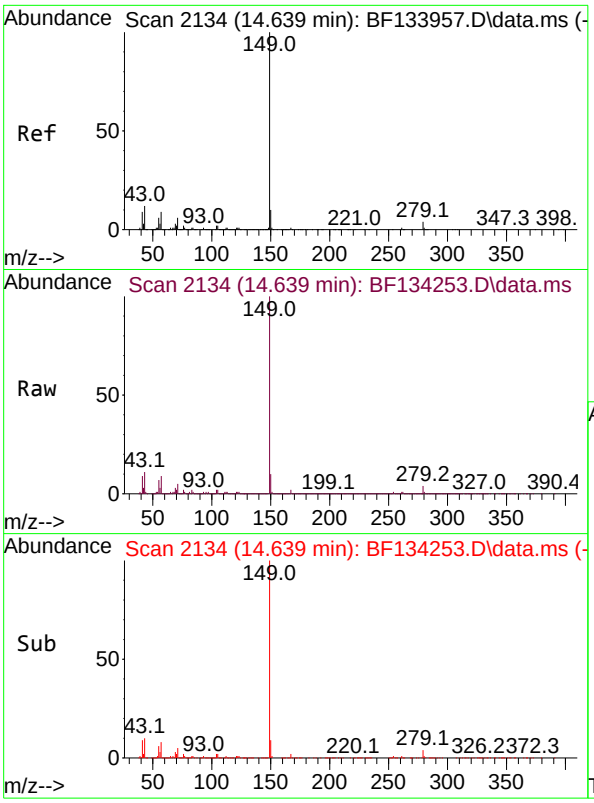


#84
Bis(2-ethylhexyl)phthalate
Concen: 53.735 ng
RT: 14.016 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:149 Resp: 398599

Ion	Ratio	Lower	Upper
149	100		
167	24.9	21.0	31.4
279	4.1	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 61.873 ng
RT: 14.639 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:149 Resp: 67438

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.3	9.0	13.4

Instrument :
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ClientSampleId :
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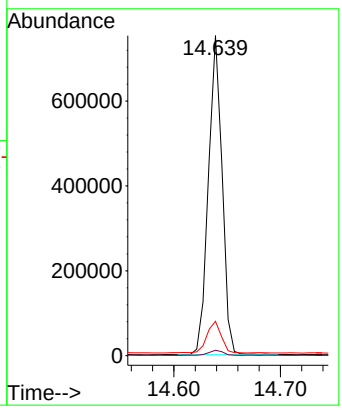
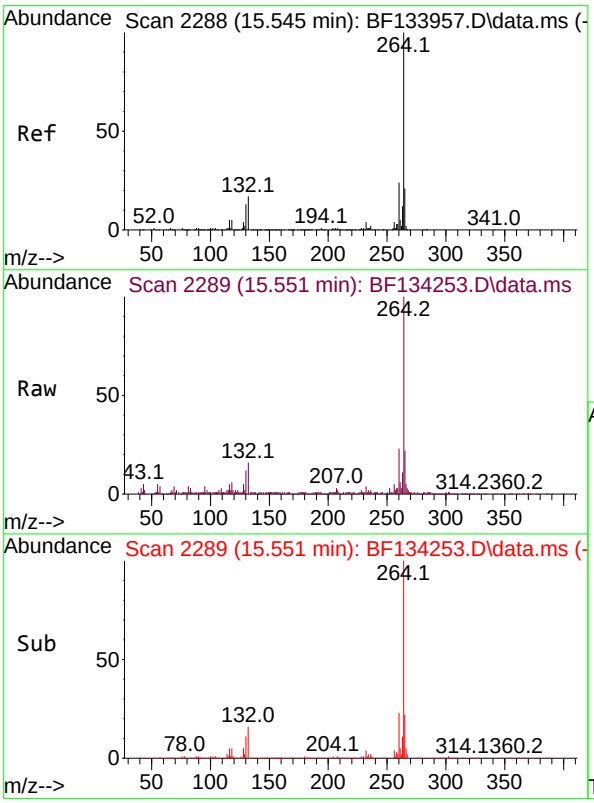
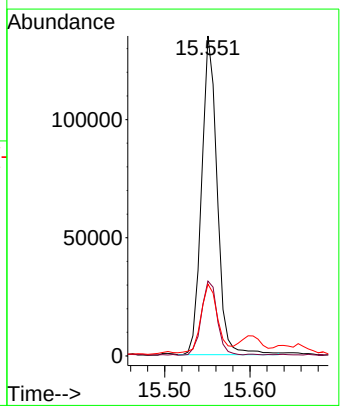


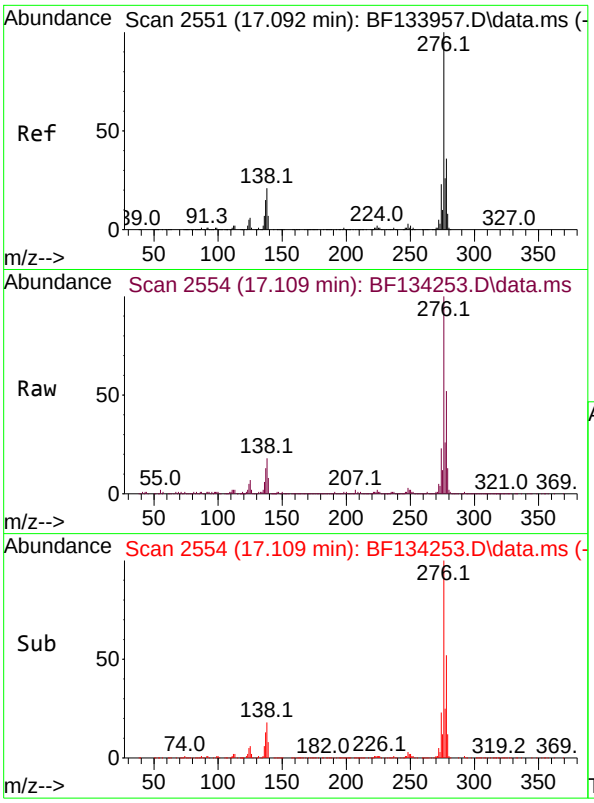


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2289
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:264 Resp: 170837

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	22.4	16.6	25.0

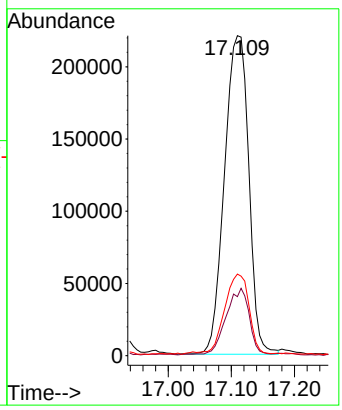




#87
Indeno(1,2,3-cd)pyrene
Concen: 49.846 ng
RT: 17.109 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:276 Resp: 59089

Ion	Ratio	Lower	Upper
276	100		
138	20.0	18.7	28.1
277	25.4	19.9	29.9



Instrument :
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ClientSampleId :
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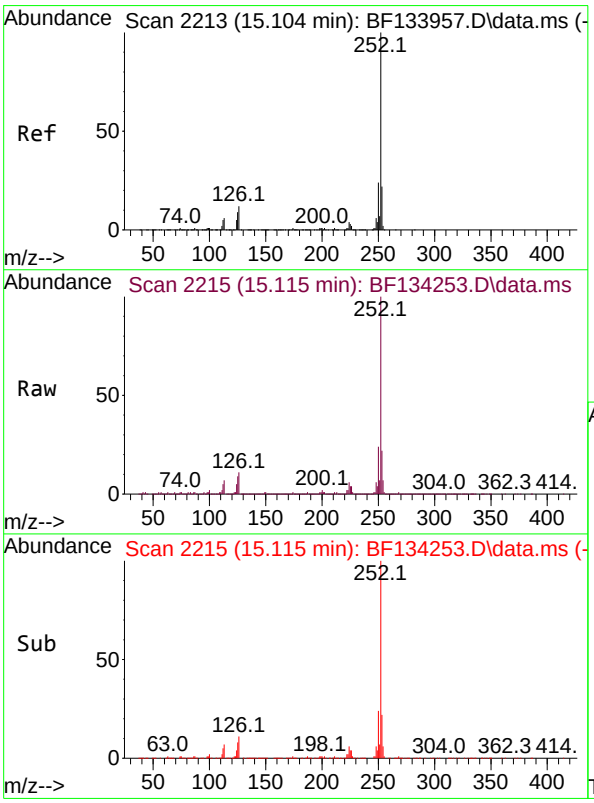
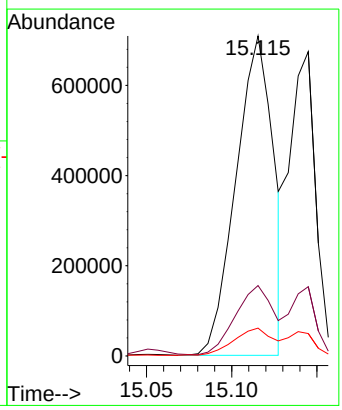
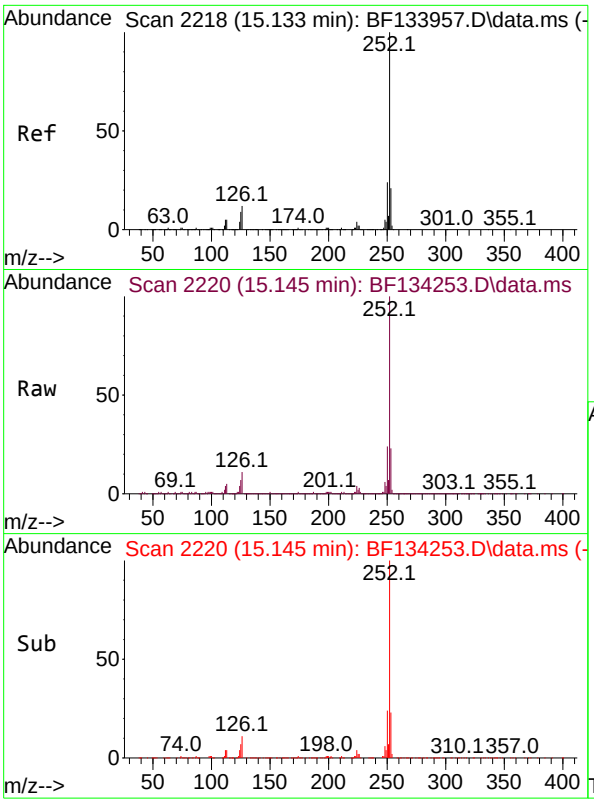


#88
Benzo(b)fluoranthene
Concen: 107.413 ng
RT: 15.115 min Scan# 2215
Delta R.T. 0.012 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:252 Resp: 1078999

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	8.7	7.1	10.7

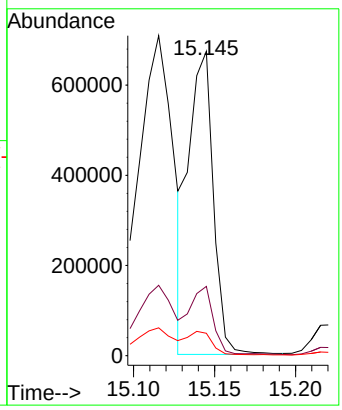




#89
Benzo(k)fluoranthene
Concen: 69.250 ng m
RT: 15.145 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:252 Resp: 70826

Ion	Ratio	Lower	Upper
252	100		
253	22.8	16.9	25.3
125	7.4	7.4	11.2



Instrument :
BNA_F
ClientSampleId :
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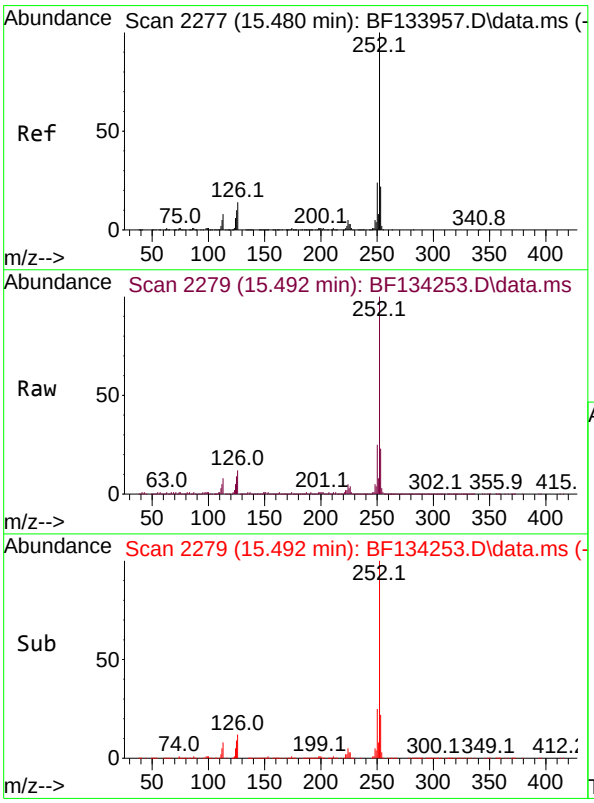
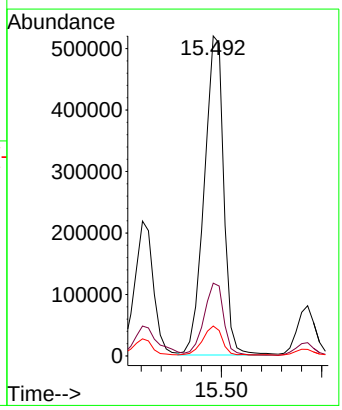
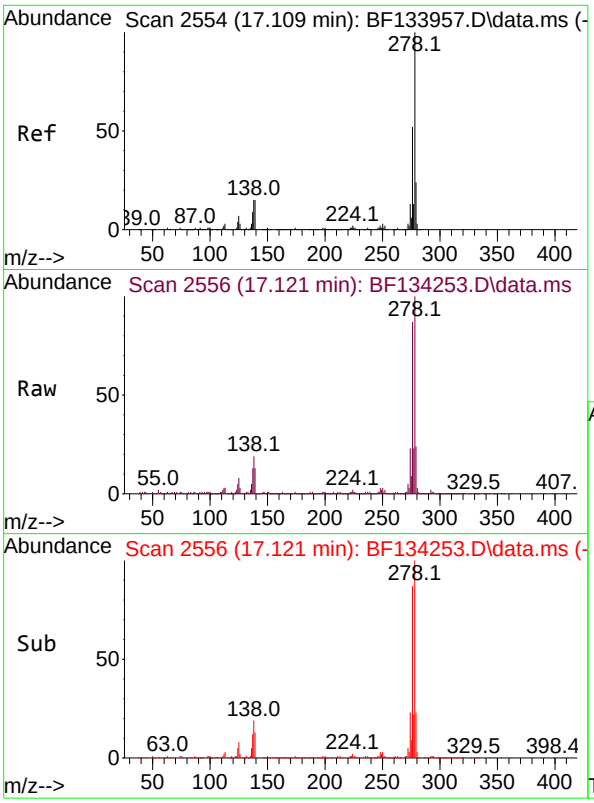


#90
Benzo(a)pyrene
Concen: 72.355 ng
RT: 15.492 min Scan# 2279
Delta R.T. 0.012 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:252 Resp: 702834

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	9.4	8.4	12.6





#91
Dibenzo(a,h)anthracene
Concen: 39.981 ng
RT: 17.121 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:278 Resp: 38711

Ion	Ratio	Lower	Upper
278	100		
139	13.3	12.2	18.4
279	23.7	19.4	29.2

Instrument :
BNA_F
ClientSampleId :
ETGI-369MS

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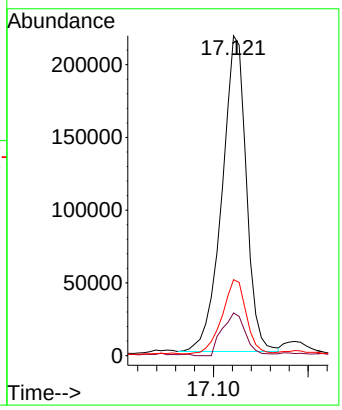
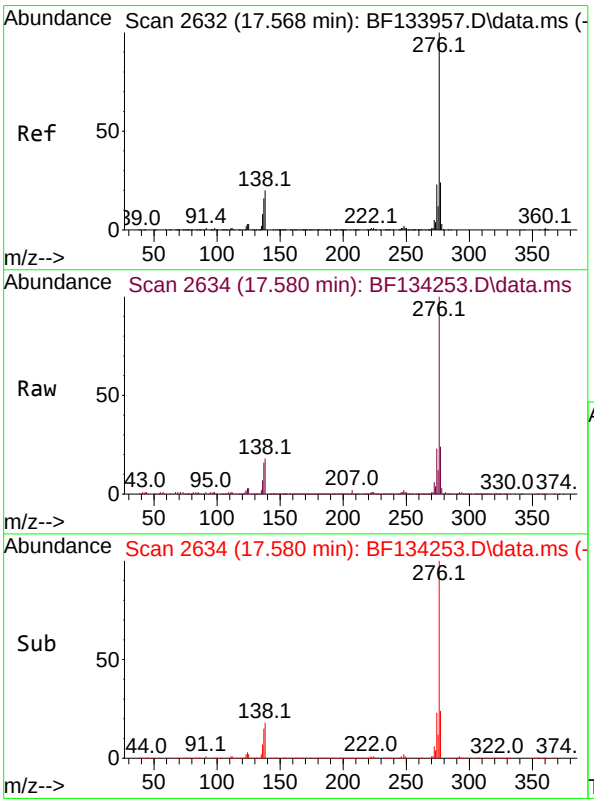
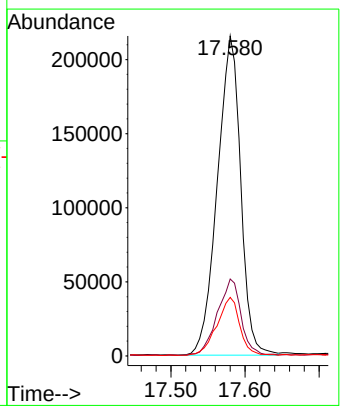
Supervised By :mohammad ahmed 07/13/2023





#92
Benzo(g,h,i)perylene
Concen: 47.134 ng
RT: 17.580 min Scan# 2634
Delta R.T. 0.012 min
Lab File: BF134253.D
Acq: 12 Jul 2023 18:38

Tgt Ion:276 Resp: 470632

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.0	28.6
138	18.3	16.2	24.2