Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041823\
Data File : BF132895.D
Acq On : 18 Apr 2023 10:29
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 18 11:26:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 04:51:21 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	307061	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	1195042	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	601373	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	1047284	20.000	ng	0.00
76) Chrysene-d12	13.927	240	703287	20.000	ng	0.00
86) Perylene-d12	15.351	264	726802	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1606333	81.801	ng	0.00
7) Phenol-d6	6.398	99	2066697	82.477	ng	0.00
23) Nitrobenzene-d5	7.333	82	1876259	81.838	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	520408	86.277	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	2992553	76.445	ng	0.00
79) Terphenyl-d14	12.874	244	3310882	80.317	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.446	88	395021	41.225	ng	100
3) Pyridine	3.157	79	1100270	41.985	ng	99
4) n-Nitrosodimethylamine	3.116	42	519577	41.726	ng	96
6) Aniline	6.434	93	1400353	42.140	ng	99
8) 2-Chlorophenol	6.551	128	824191	41.371	ng	100
9) Benzaldehyde	6.316	77	578511	39.019	ng	97
10) Phenol	6.410	94	1166340	41.397	ng	99
11) bis(2-Chloroethyl)ether	6.504	93	874262	41.087	ng	99
12) 1,3-Dichlorobenzene	6.710	146	898507	41.033	ng	99
13) 1,4-Dichlorobenzene	6.786	146	891558	40.634	ng	98
14) 1,2-Dichlorobenzene	6.939	146	824769	40.260	ng	99
15) Benzyl Alcohol	6.910	79	734746	42.785	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	1528121	41.504	ng	100
17) 2-Methylphenol	7.016	107	758619	41.575	ng	97
18) Hexachloroethane	7.281	117	315122	41.384	ng	99
19) n-Nitroso-di-n-propyla...	7.186	70	643804	41.162	ng	96
20) 3+4-Methylphenols	7.175	107	880846	40.843	ng	99
22) Acetophenone	7.181	105	1103613	39.366	ng	100
24) Nitrobenzene	7.351	77	967367	41.166	ng	99
25) Isophorone	7.592	82	1775334	40.824	ng	100
26) 2-Nitrophenol	7.669	139	380287	42.898	ng	99
27) 2,4-Dimethylphenol	7.704	122	734786	40.633	ng	97
28) bis(2-Chloroethoxy)met...	7.804	93	1055088	40.579	ng	100
29) 2,4-Dichlorophenol	7.910	162	693567	41.206	ng	100
30) 1,2,4-Trichlorobenzene	7.992	180	738940	40.659	ng	99
31) Naphthalene	8.075	128	2407010	39.858	ng	100
32) Benzoic acid	7.822	122	380667m	41.978	ng	
33) 4-Chloroaniline	8.122	127	1010444	40.852	ng	100
34) Hexachlorobutadiene	8.198	225	422465	40.633	ng	99
35) Caprolactam	8.504	113	218589	43.609	ng	100
36) 4-Chloro-3-methylphenol	8.598	107	734551	41.578	ng	98
37) 2-Methylnaphthalene	8.763	142	1662741	40.002	ng	99
38) 1-Methylnaphthalene	8.863	142	1540315	39.770	ng	99
40) 1,2,4,5-Tetrachloroben...	8.933	216	688189	40.459	ng	100
41) Hexachlorocyclopentadiene	8.922	237	390211	43.524	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	456590	42.345	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	540144	42.840	ng	99
46) 1,1'-Biphenyl	9.233	154	1909552	40.055	ng	100
47) 2-Chloronaphthalene	9.257	162	1432279	40.599	ng	99
48) 2-Nitroaniline	9.345	65	458615	44.936	ng	99
49) Acenaphthylene	9.669	152	2263441	40.226	ng	99
50) Dimethylphthalate	9.533	163	1718949	41.344	ng	100
51) 2,6-Dinitrotoluene	9.592	165	390118	42.796	ng	99
52) Acenaphthene	9.839	154	1477403	40.745	ng	99
53) 3-Nitroaniline	9.757	138	454360	43.801	ng	98
54) 2,4-Dinitrophenol	9.857	184	151949	42.791	ng	96
55) Dibenzofuran	10.010	168	2078328	40.400	ng	99
56) 4-Nitrophenol	9.904	139	341633	44.336	ng	88
57) 2,4-Dinitrotoluene	9.992	165	498282	44.290	ng	96
58) Fluorene	10.357	166	1486369	39.443	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.127	232	406055	41.496	ng	99
60) Diethylphthalate	10.233	149	1620899	41.721	ng	99
61) 4-Chlorophenyl-phenyle...	10.345	204	766894	40.010	ng	92
62) 4-Nitroaniline	10.374	138	436062	43.736	ng	99
63) Azobenzene	10.510	77	1772235	40.837	ng	99
65) 4,6-Dinitro-2-methylph...	10.398	198	212275	42.323	ng	98
66) n-Nitrosodiphenylamine	10.469	169	1383997	40.577	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	486263	40.661	ng	99
68) Hexachlorobenzene	10.904	284	506068	40.789	ng	99
69) Atrazine	10.992	200	410192	43.026	ng	98
70) Pentachlorophenol	11.092	266	346629	43.295	ng	99
71) Phenanthrene	11.316	178	2230910	39.603	ng	100
72) Anthracene	11.363	178	2319253	40.218	ng	100
73) Carbazole	11.516	167	2032640	40.737	ng	100
74) Di-n-butylphthalate	11.857	149	2329423	43.549	ng	100
75) Fluoranthene	12.498	202	2303763	41.124	ng	99
77) Benzidine	12.615	184	507826	46.353	ng	98
78) Pyrene	12.727	202	2340188	40.694	ng	100
80) Butylbenzylphthalate	13.351	149	555459	40.878	ng	96
81) Benzo(a)anthracene	13.915	228	2011430	42.055	ng	99
82) 3,3'-Dichlorobenzidine	13.880	252	536318	46.356	ng	100
83) Chrysene	13.951	228	1946412	40.944	ng	100
84) Bis(2-ethylhexyl)phtha...	13.921	149	859970	47.275	ng	99
85) Di-n-octyl phthalate	14.533	149	1591043	41.273	ng	99
87) Indeno(1,2,3-cd)pyrene	16.750	276	1745233	42.024	ng	100
88) Benzo(b)fluoranthene	14.945	252	1834153	40.513	ng	100
89) Benzo(k)fluoranthene	14.974	252	1859698	41.236	ng	100
90) Benzo(a)pyrene	15.298	252	1757661	42.496	ng	99
91) Dibenzo(a,h)anthracene	16.774	278	1478649	41.786	ng	98
92) Benzo(g,h,i)perylene	17.174	276	1378590	40.690	ng	99

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

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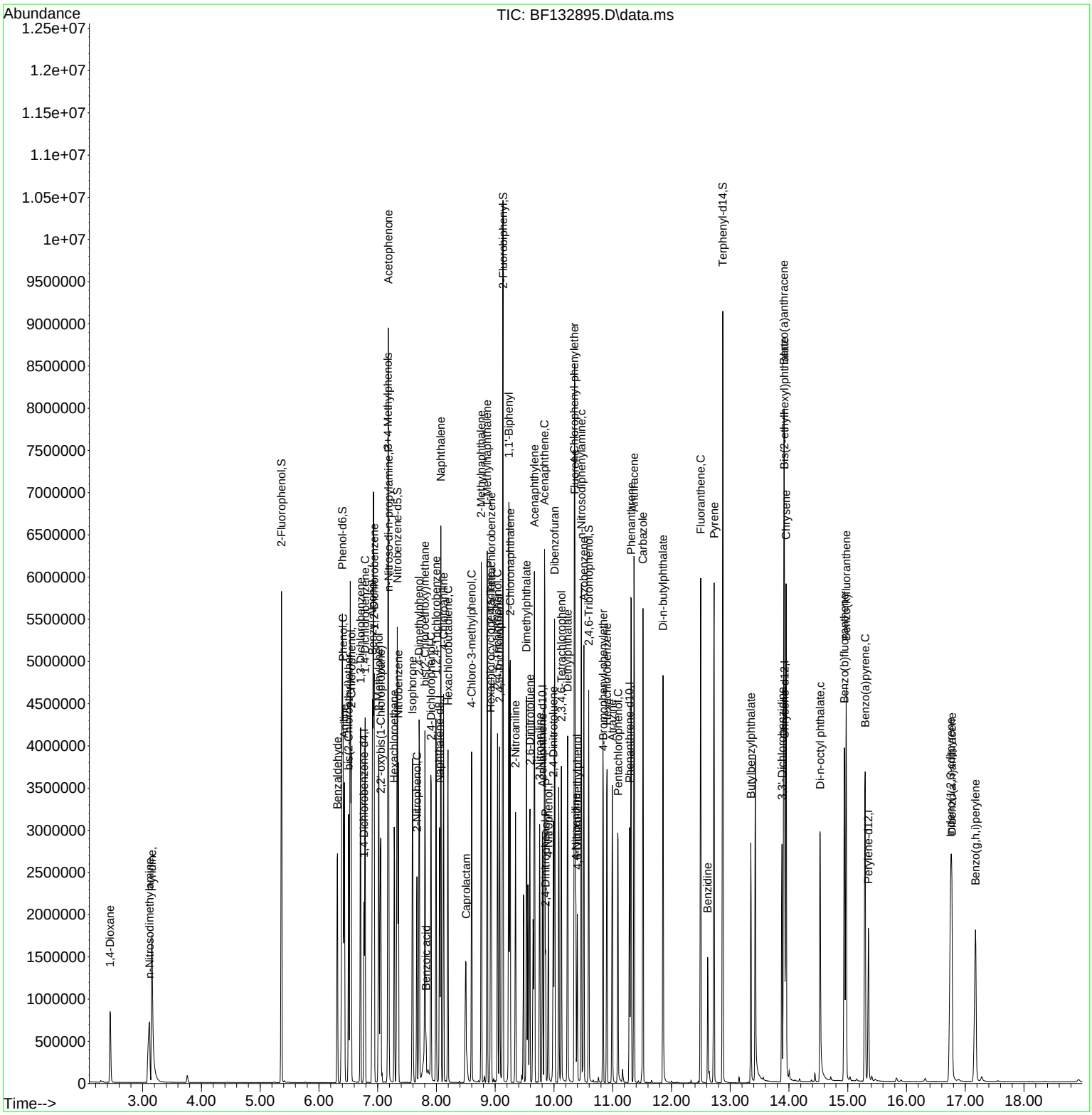
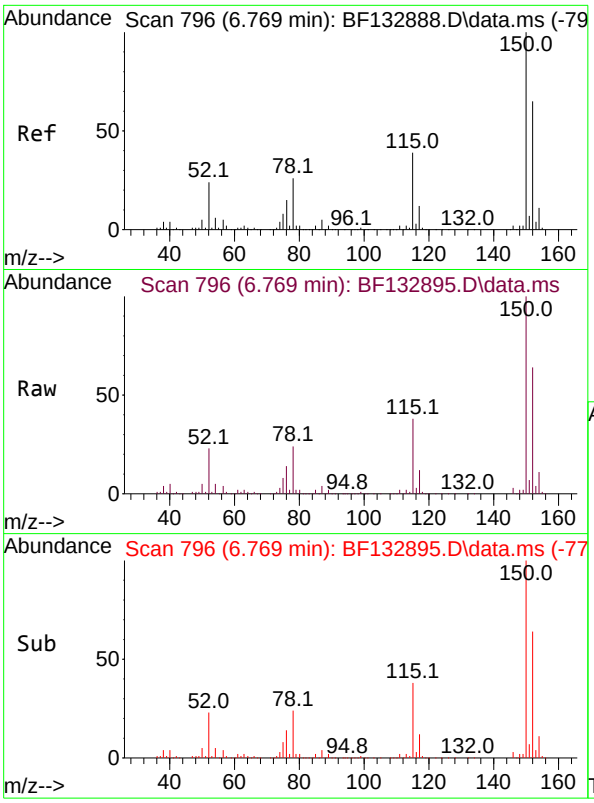
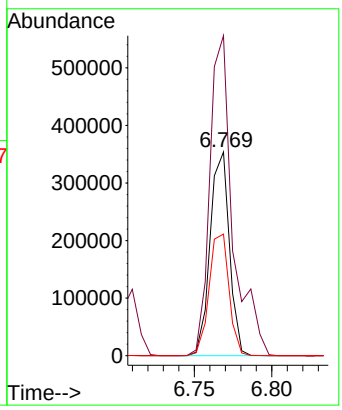




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:152 Resp: 30706

Ion	Ratio	Lower	Upper
152	100		
150	157.1	122.8	184.2
115	59.7	47.3	70.9



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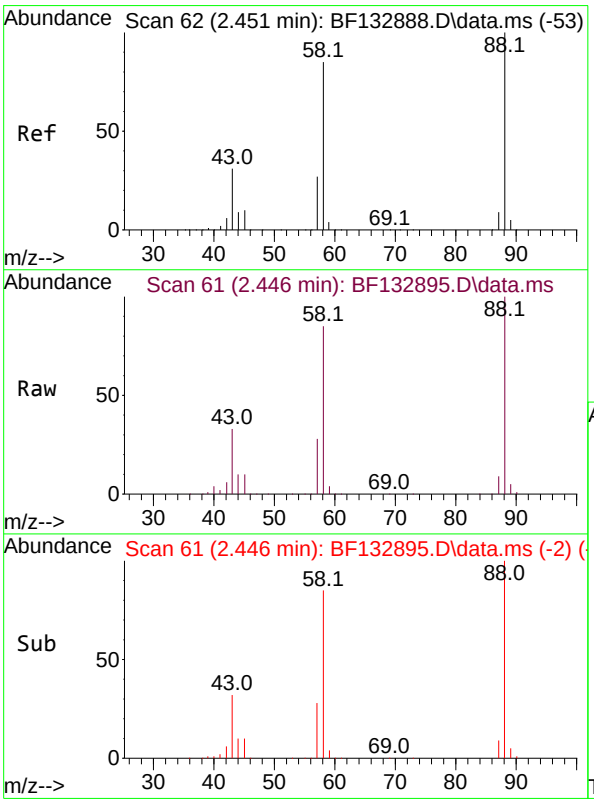
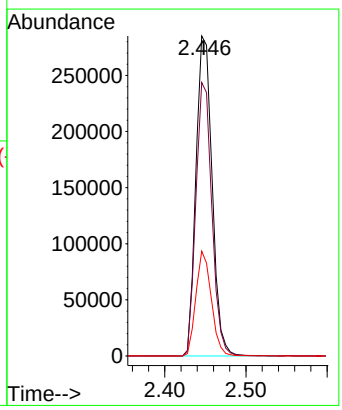
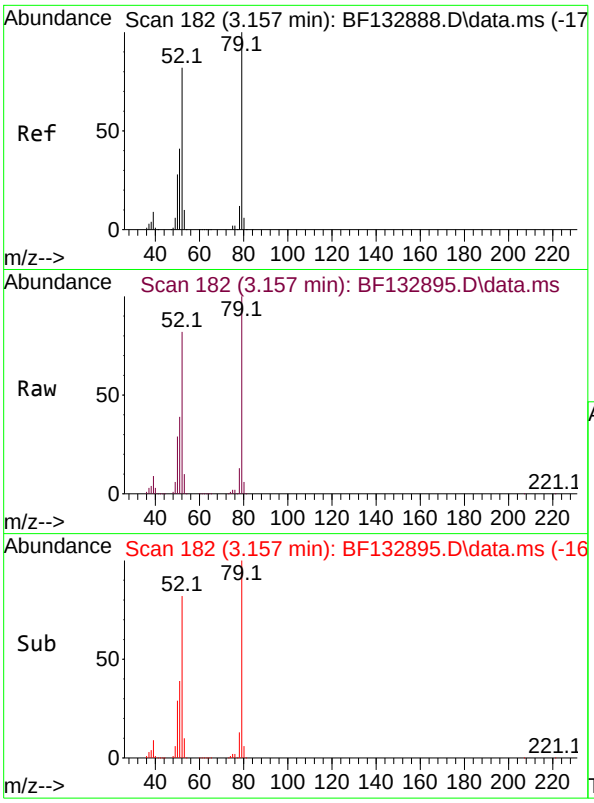


#2
1,4-Dioxane
Concen: 41.225 ng
RT: 2.446 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion: 88 Resp: 395021

Ion	Ratio	Lower	Upper
88	100		
58	84.6	67.8	101.6
43	31.3	25.4	38.0

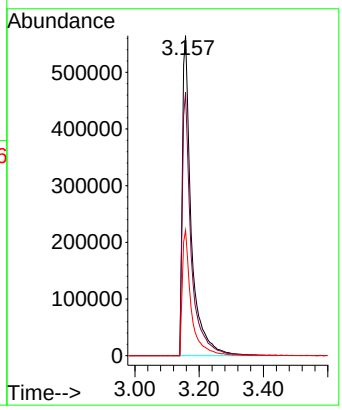




#3
Pyridine
Concen: 41.985 ng
RT: 3.157 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion: 79 Resp: 110027

Ion	Ratio	Lower	Upper
79	100		
52	82.2	65.4	98.0
51	39.2	32.6	48.8



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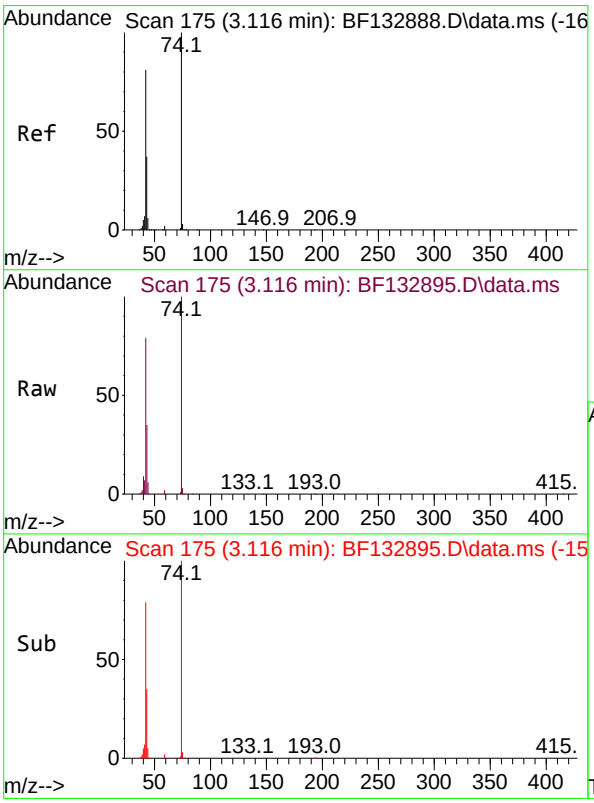
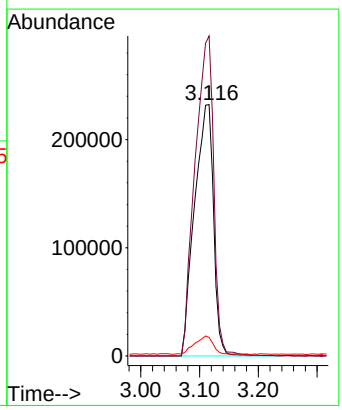
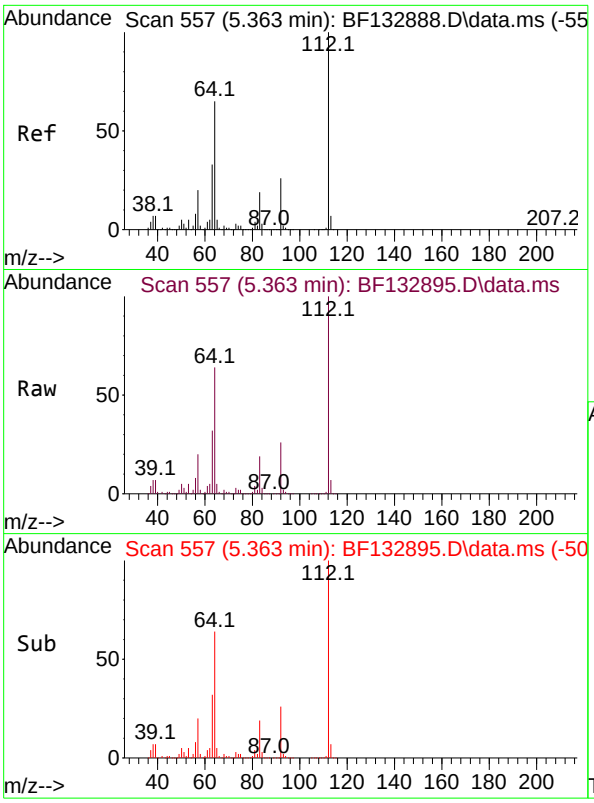


#4
n-Nitrosodimethylamine
Concen: 41.726 ng
RT: 3.116 min Scan# 175
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion: 42 Resp: 519577

Ion	Ratio	Lower	Upper
42	100		
74	127.3	98.4	147.6
44	7.4	6.1	9.1





#5
2-Fluorophenol
Concen: 81.801 ng
RT: 5.363 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:112 Resp: 160633

Ion	Ratio	Lower	Upper
112	100		
64	63.8	51.8	77.8
63	32.1	26.3	39.5

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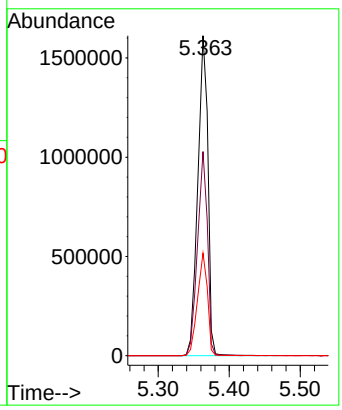
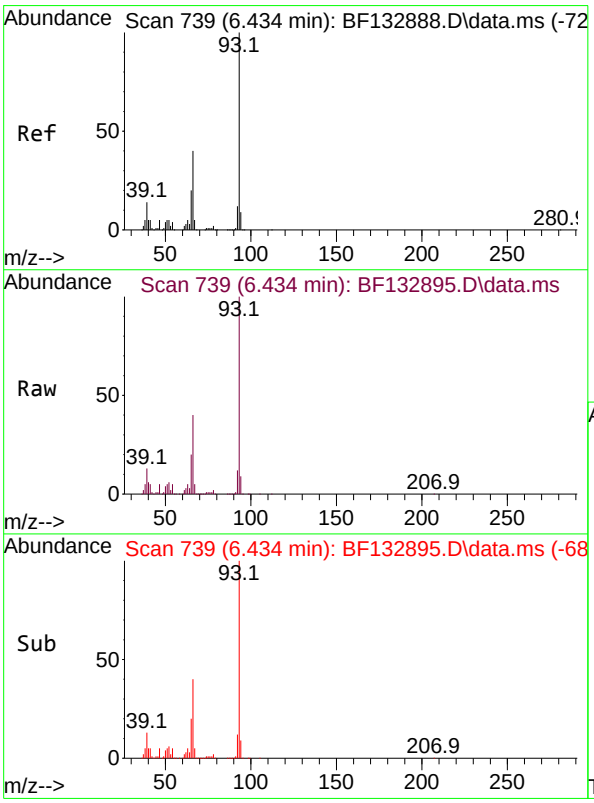
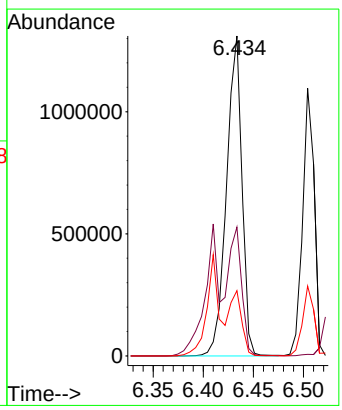


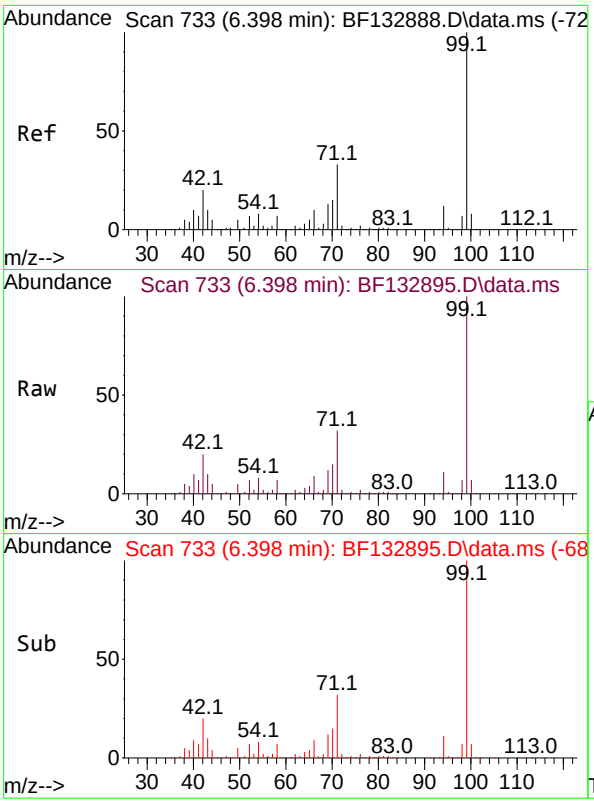


#6
Aniline
Concen: 42.140 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion: 93 Resp: 1400353

Ion	Ratio	Lower	Upper
93	100		
66	40.2	31.8	47.6
65	20.4	16.3	24.5

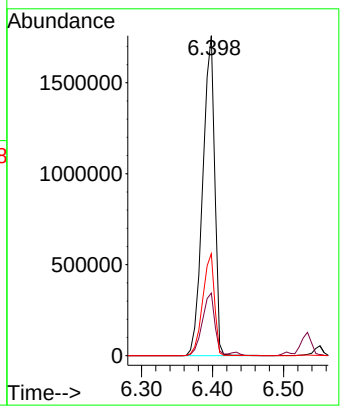




#7
Phenol-d6
Concen: 82.477 ng
RT: 6.398 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion: 99 Resp: 206669

Ion	Ratio	Lower	Upper
99	100		
42	19.5	16.1	24.1
71	31.8	26.1	39.1



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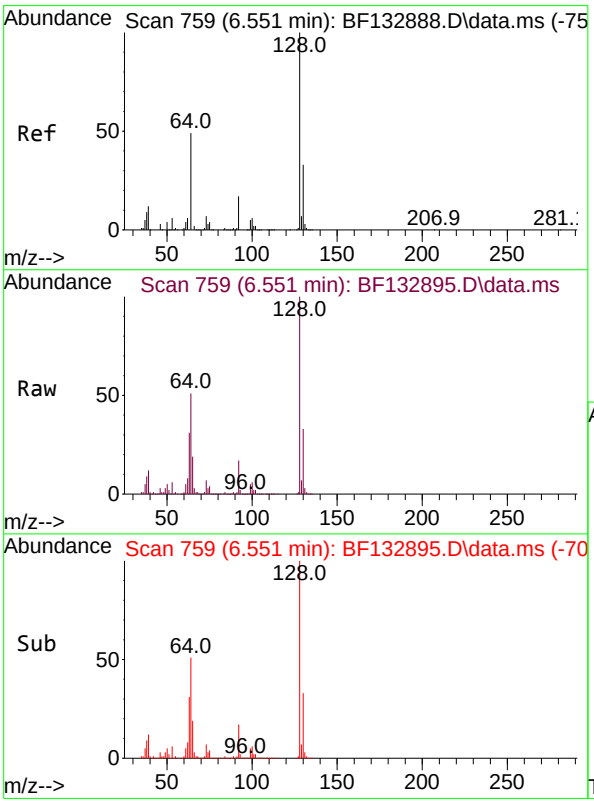
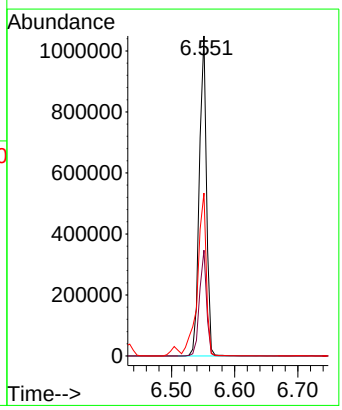
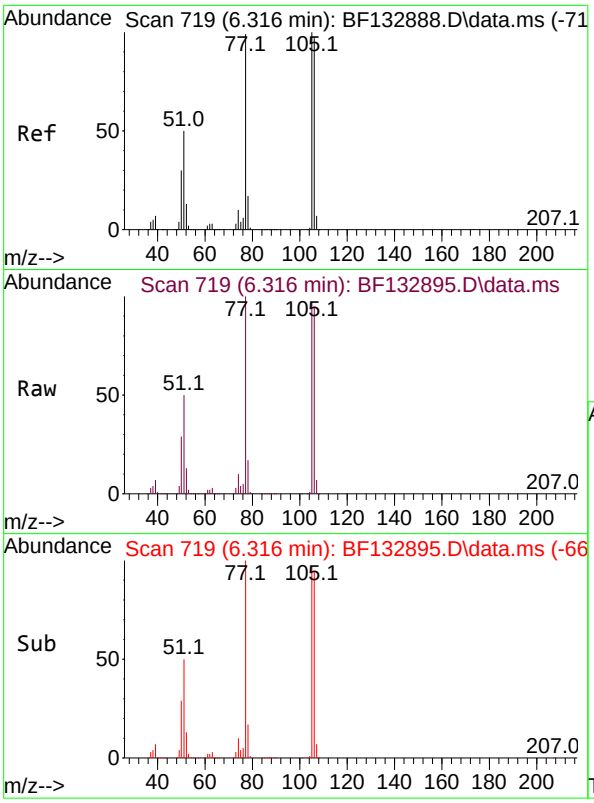


#8
2-Chlorophenol
Concen: 41.371 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:128 Resp: 824191

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.2	53.2
64	50.9	30.9	70.9

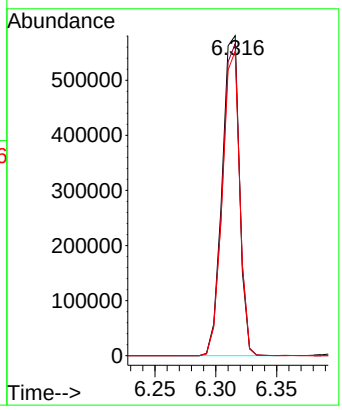




#9
Benzaldehyde
Concen: 39.019 ng
RT: 6.316 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion: 77 Resp: 57851

Ion	Ratio	Lower	Upper
77	100		
105	97.4	80.8	120.8
106	95.2	77.9	117.9



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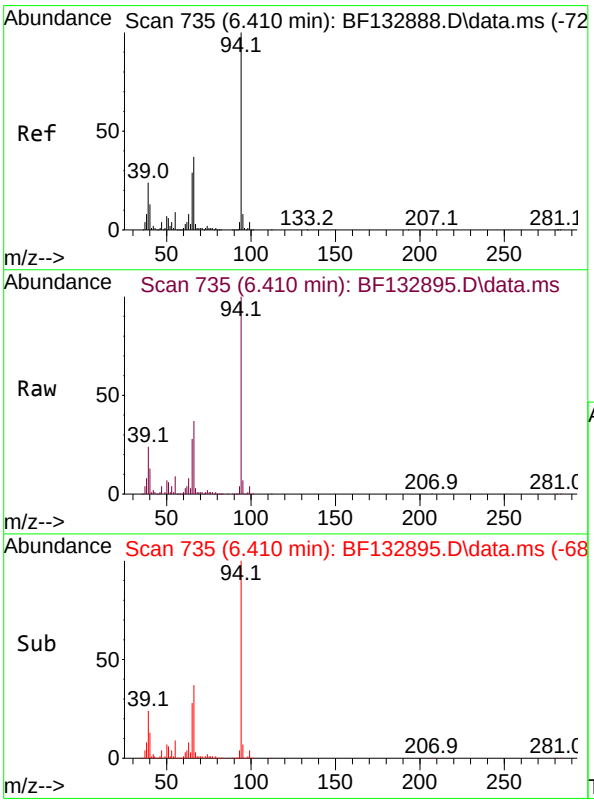
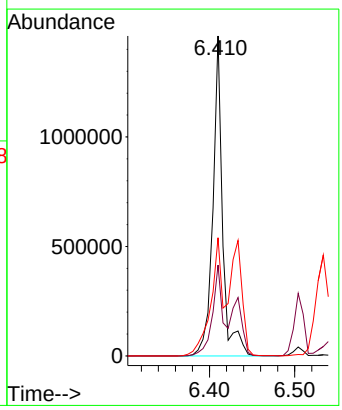
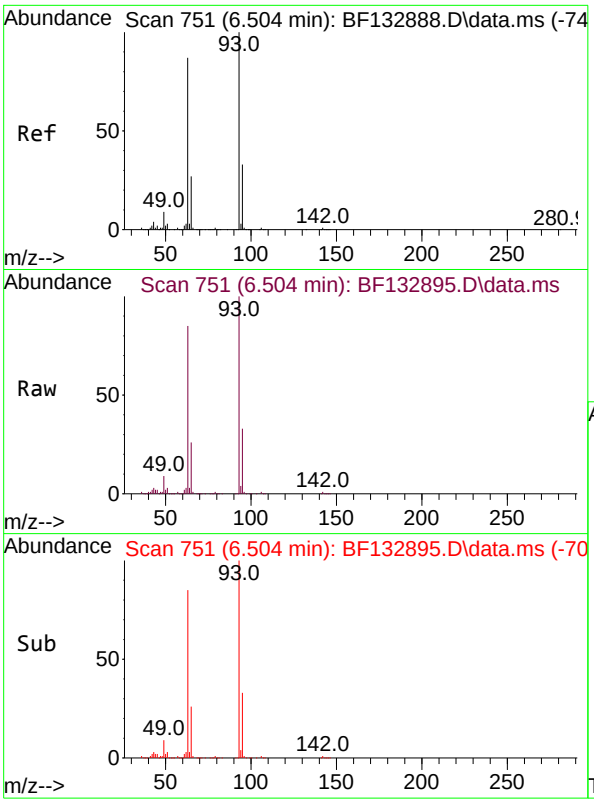


#10
Phenol
Concen: 41.397 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion: 94 Resp: 1166340

Ion	Ratio	Lower	Upper
94	100		
65	28.4	9.0	49.0
66	37.0	17.1	57.1

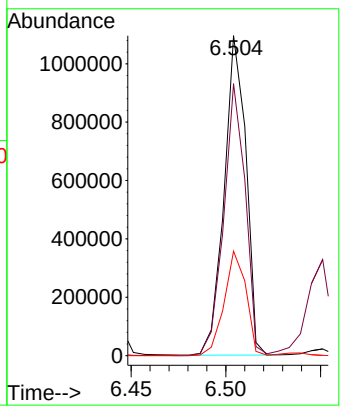




#11
bis(2-Chloroethyl)ether
Concen: 41.087 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion: 93 Resp: 87426

Ion	Ratio	Lower	Upper
93	100		
63	85.0	66.7	106.7
95	32.7	12.8	52.8



Instrument :
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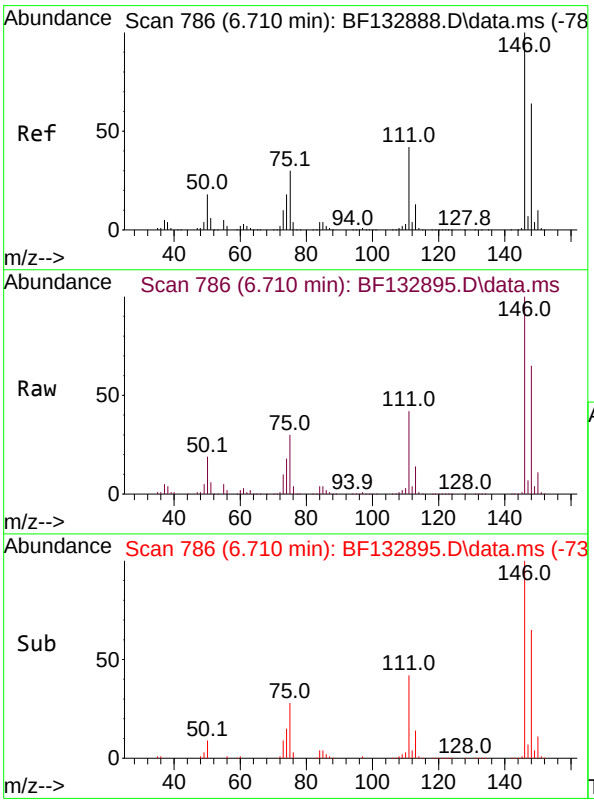
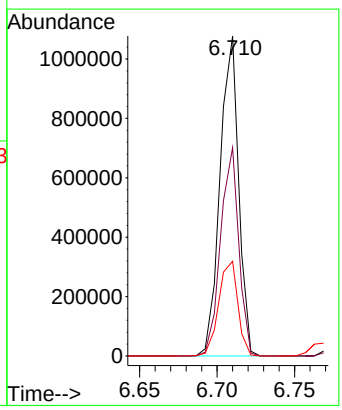
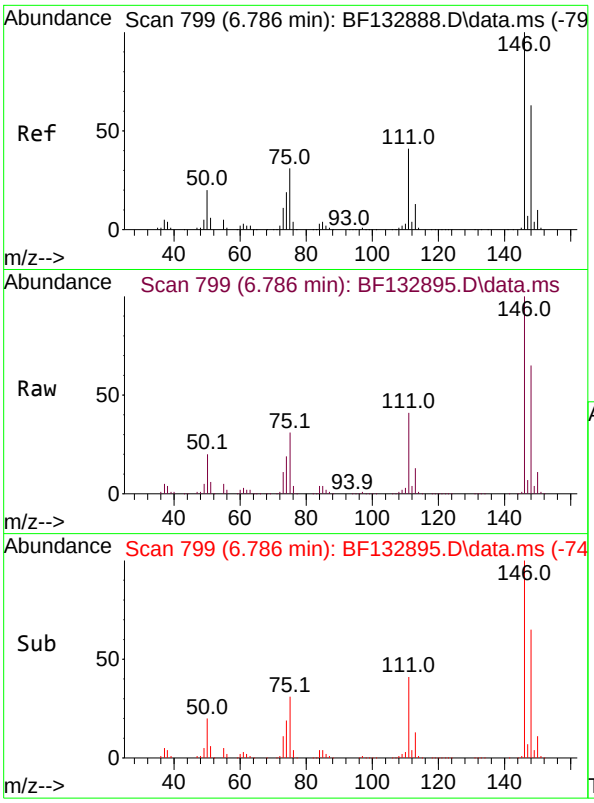


#12
1,3-Dichlorobenzene
Concen: 41.033 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:146 Resp: 898507

Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.1	76.7
75	29.6	23.9	35.9

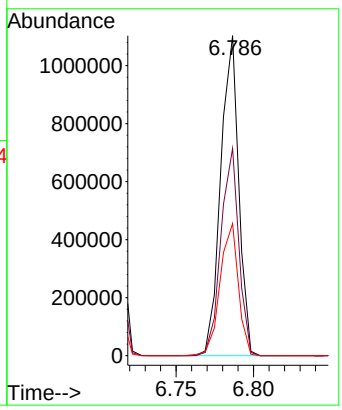




#13
1,4-Dichlorobenzene
Concen: 40.634 ng
RT: 6.786 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:146 Resp: 89155

Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.7	76.1
111	41.3	32.5	48.7



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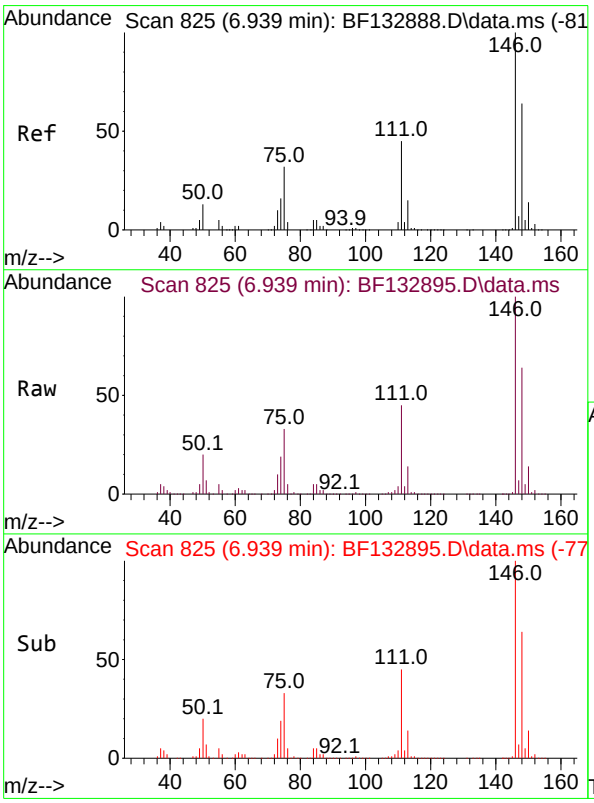
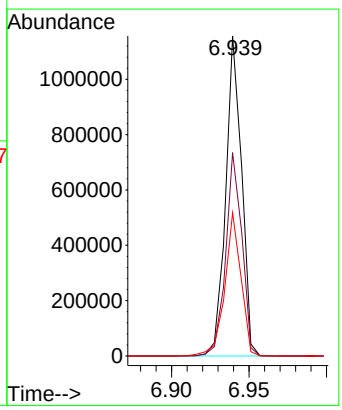
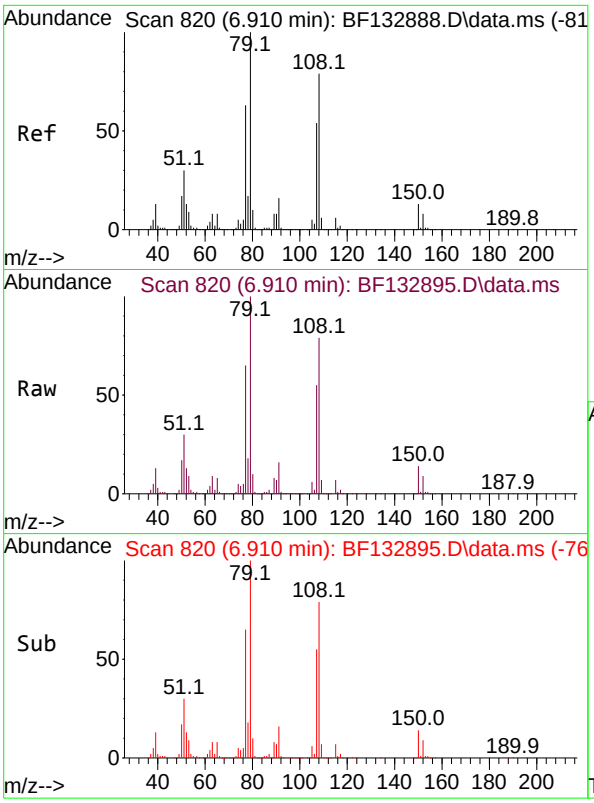


#14
1,2-Dichlorobenzene
Concen: 40.260 ng
RT: 6.939 min Scan# 825
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:146 Resp: 824769

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.3	76.9
111	44.8	36.0	54.0





#15
Benzyl Alcohol
Concen: 42.785 ng
RT: 6.910 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion: 79 Resp: 73474

Ion	Ratio	Lower	Upper
79	100		
108	78.7	63.0	94.6
77	65.3	50.4	75.6

Instrument :
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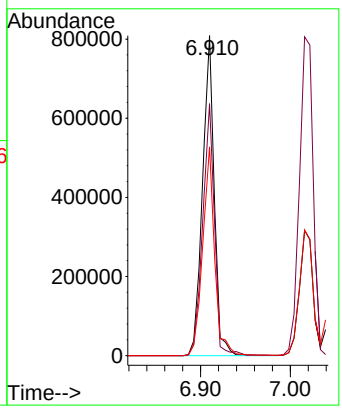
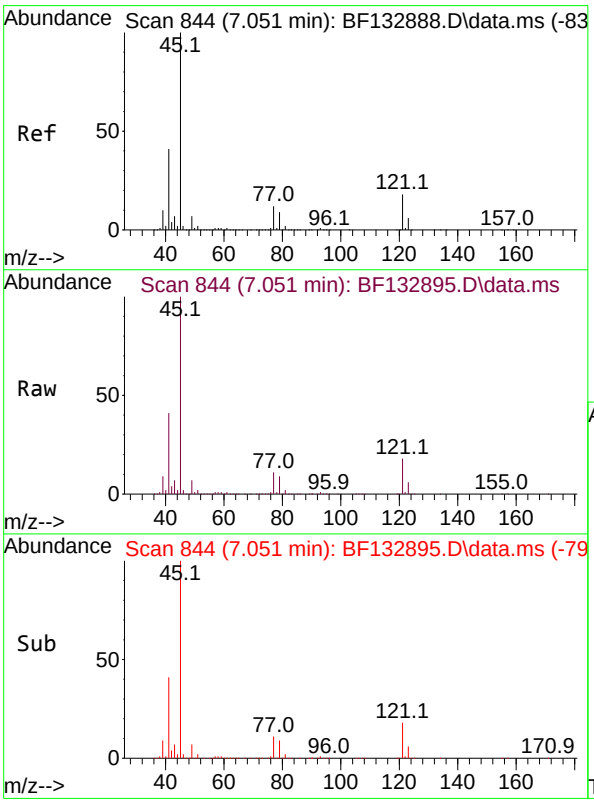
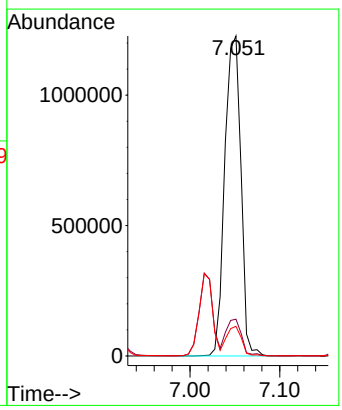


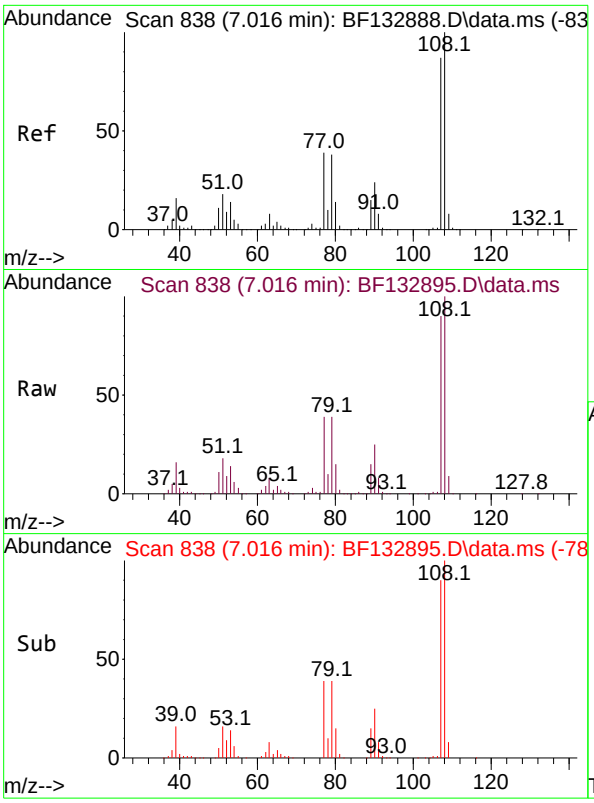


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.504 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion: 45 Resp: 1528121

Ion	Ratio	Lower	Upper
45	100		
77	11.5	0.0	31.6
79	9.2	0.0	29.2

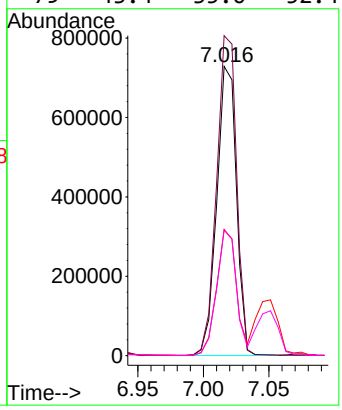




#17
2-Methylphenol
Concen: 41.575 ng
RT: 7.016 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:107 Resp: 75861

Ion	Ratio	Lower	Upper
107	100		
108	110.6	91.7	137.5
77	43.6	35.8	53.8
79	43.4	35.0	52.4



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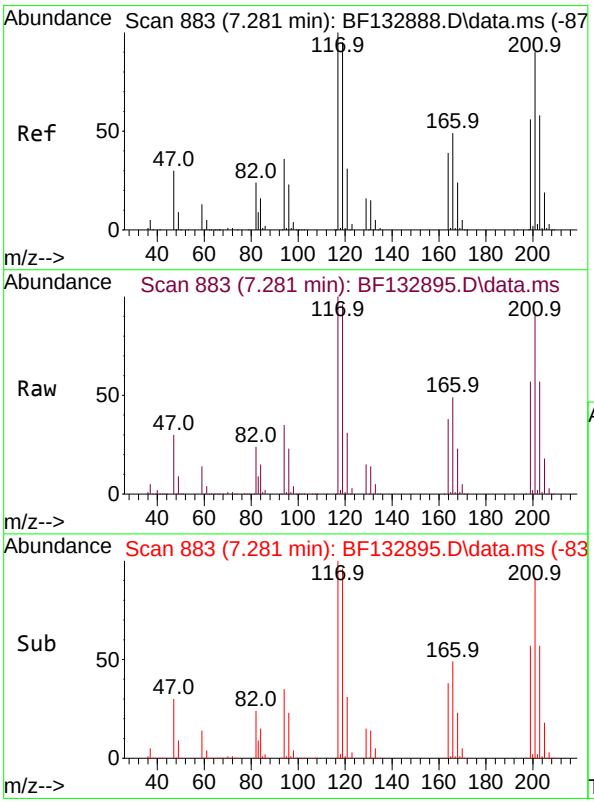
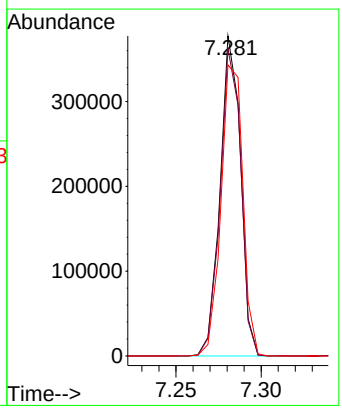
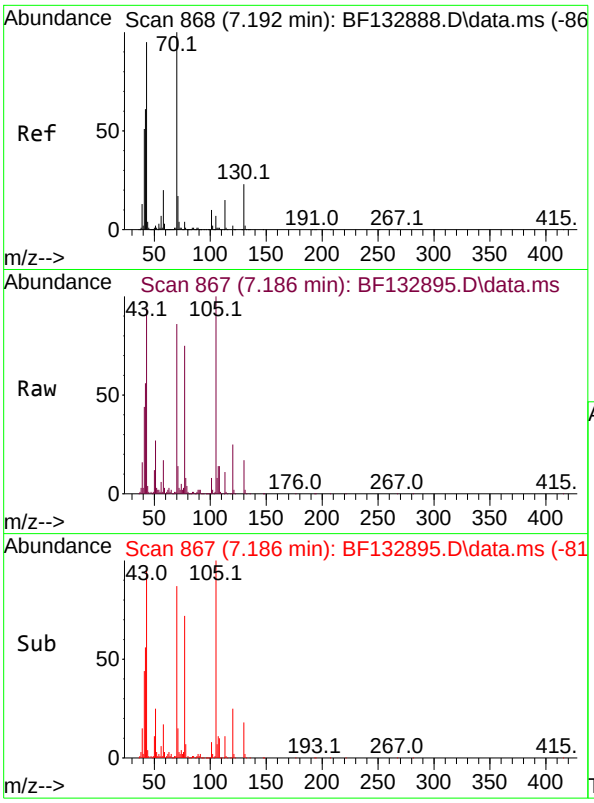


#18
Hexachloroethane
Concen: 41.384 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:117 Resp: 315122

Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.1	114.1
201	91.0	71.8	107.6

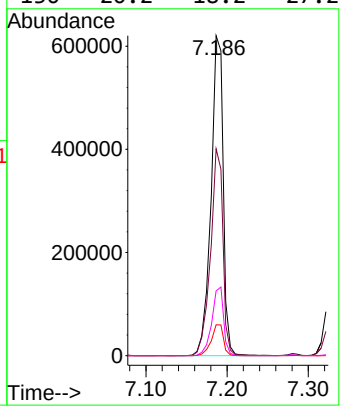




#19
n-Nitroso-di-n-propylamine
Concen: 41.162 ng
RT: 7.186 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion: 70 Resp: 64380

Ion	Ratio	Lower	Upper
70	100		
42	64.7	49.0	73.6
101	9.6	8.1	12.1
130	20.2	18.2	27.2



Instrument :
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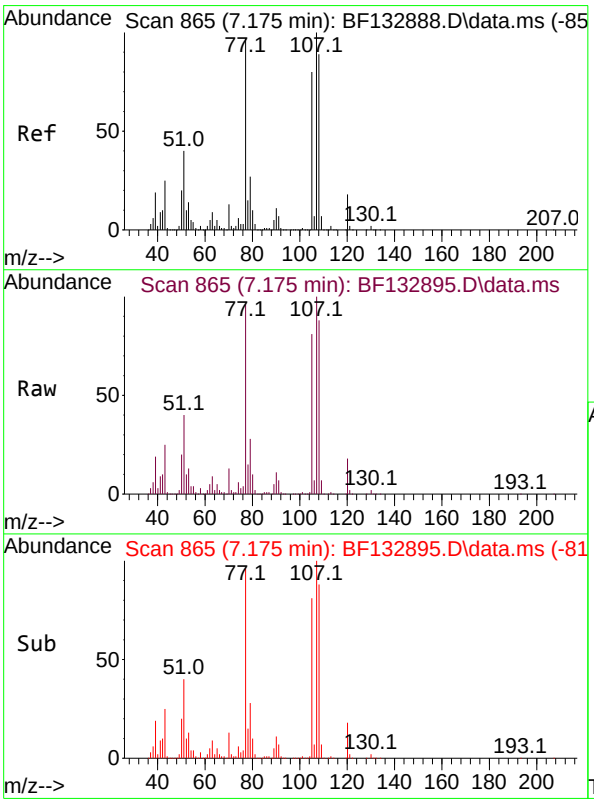
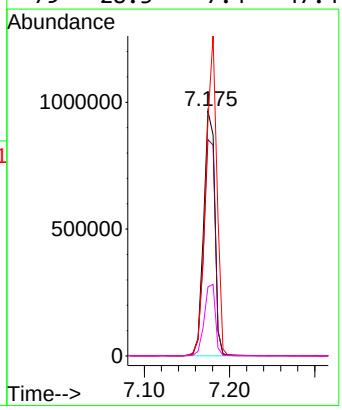
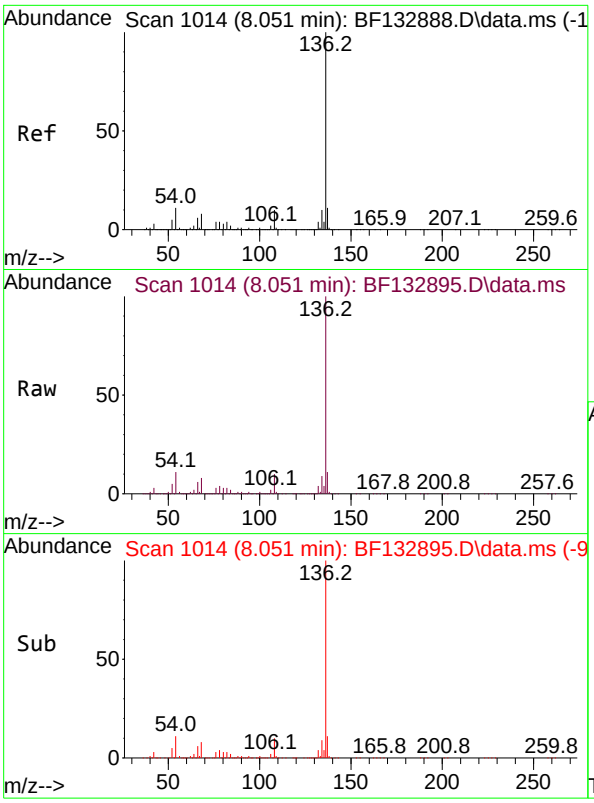


#20
3+4-Methylphenols
Concen: 40.843 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:107 Resp: 880846

Ion	Ratio	Lower	Upper
107	100		
108	88.4	68.5	108.5
77	96.4	77.1	117.1
79	28.3	7.4	47.4

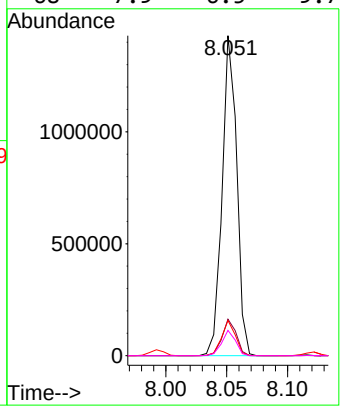




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:136 Resp: 119504

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	11.0	8.9	13.3
68	7.9	6.5	9.7



Instrument :
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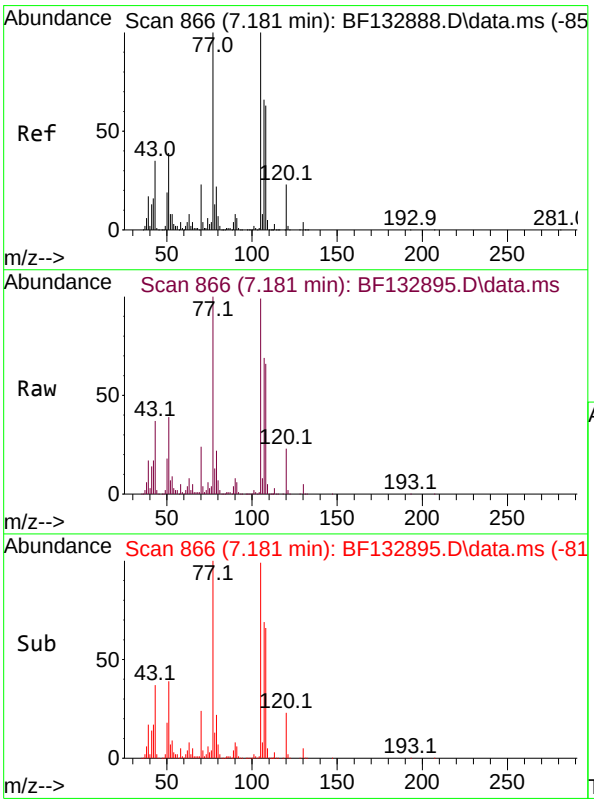
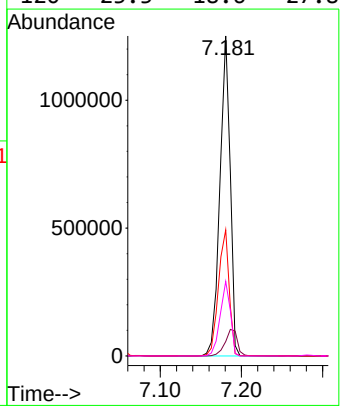
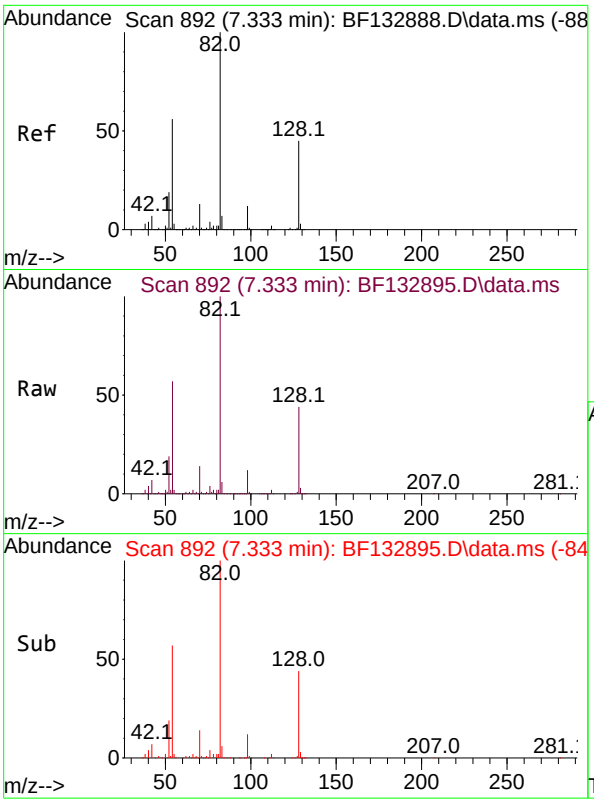


#22
Acetophenone
Concen: 39.366 ng
RT: 7.181 min Scan# 866
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:105 Resp: 1103613

Ion	Ratio	Lower	Upper
105	100		
71	4.5	3.1	4.7
51	39.4	31.4	47.2
120	23.3	18.6	27.8





#23
Nitrobenzene-d5
Concen: 81.838 ng
RT: 7.333 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion: 82 Resp: 187625

Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.7	53.5
54	56.7	44.7	67.1

Instrument :
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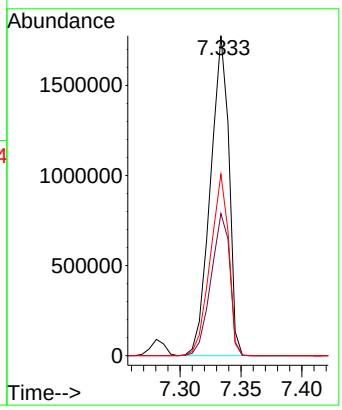
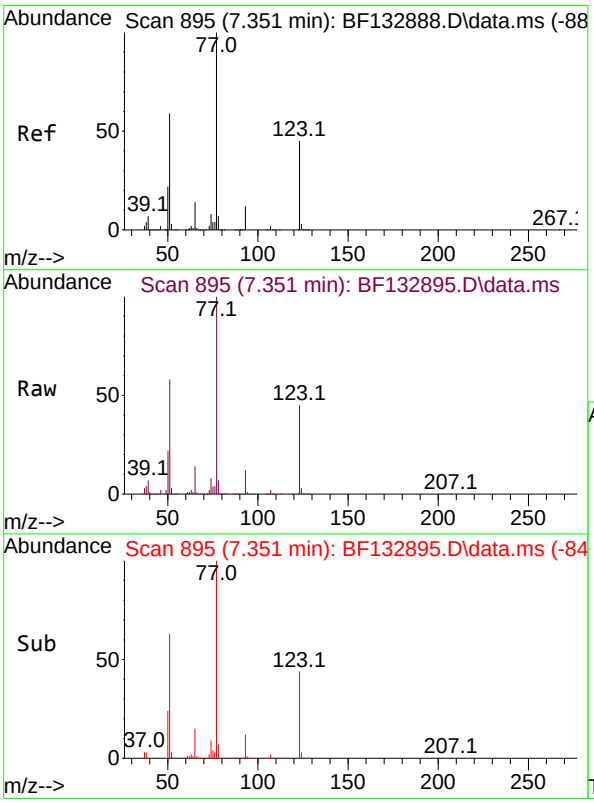
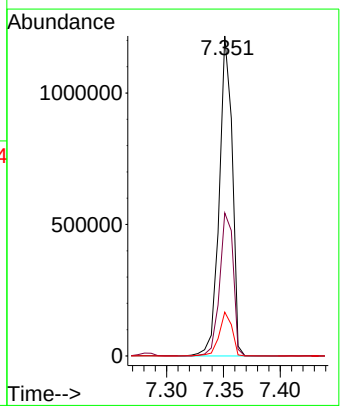


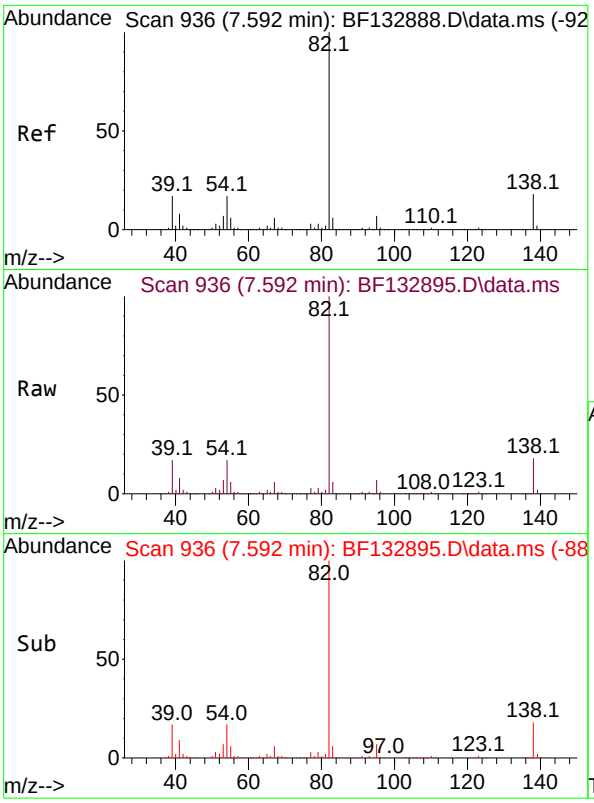


#24
Nitrobenzene
Concen: 41.166 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion: 77 Resp: 967367

Ion	Ratio	Lower	Upper
77	100		
123	44.7	36.3	54.5
65	13.7	11.2	16.8

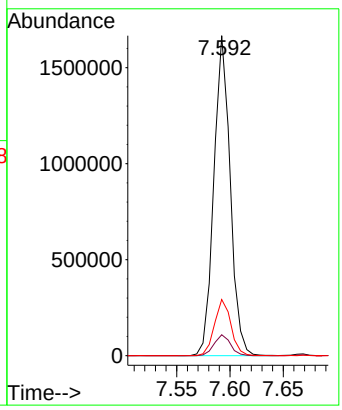




#25
Isophorone
Concen: 40.824 ng
RT: 7.592 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion: 82 Resp: 177533

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.3	7.9
138	17.6	14.2	21.2



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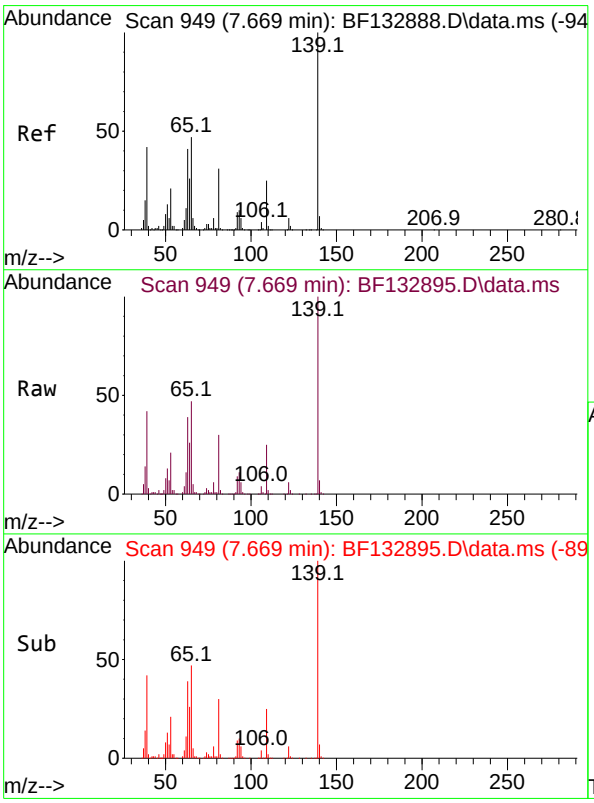
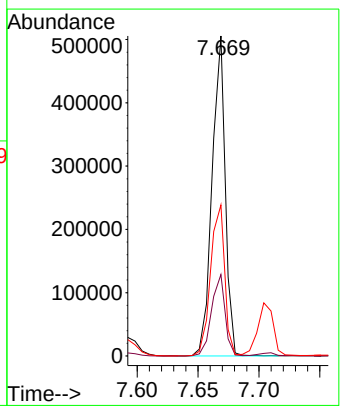
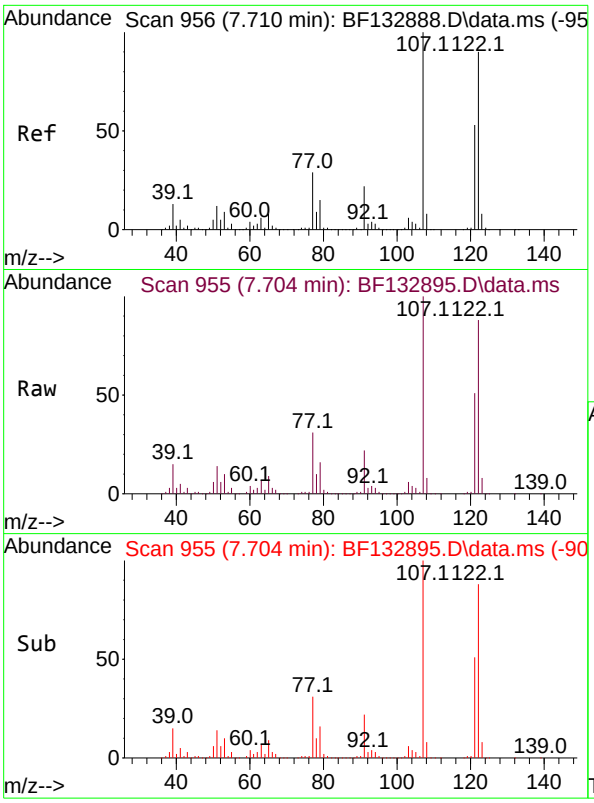


#26
2-Nitrophenol
Concen: 42.898 ng
RT: 7.669 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:139 Resp: 380287

Ion	Ratio	Lower	Upper
139	100		
109	25.4	20.1	30.1
65	47.2	38.0	57.0

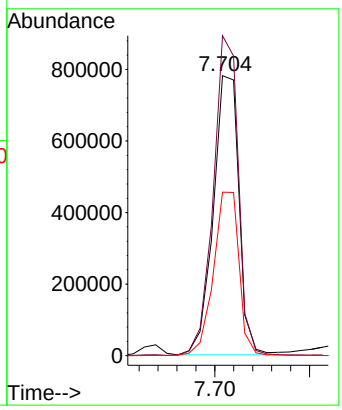




#27
2,4-Dimethylphenol
Concen: 40.633 ng
RT: 7.704 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:122 Resp: 73478

Ion	Ratio	Lower	Upper
122	100		
107	114.3	88.5	132.7
121	58.4	47.2	70.8



Instrument :
BNA_F
ClientSampleId :
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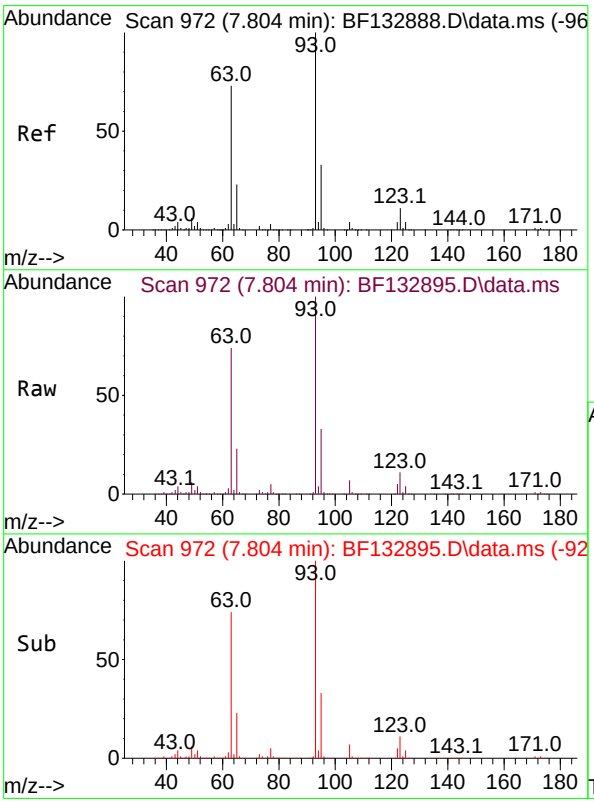
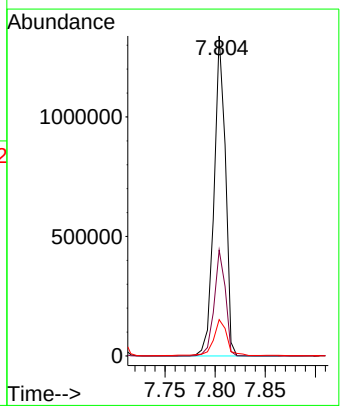
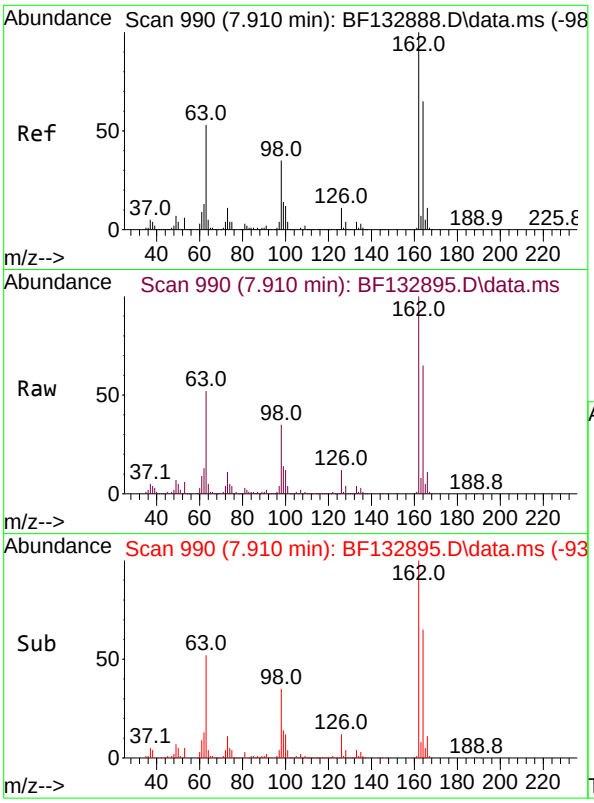


#28
bis(2-Chloroethoxy)methane
Concen: 40.579 ng
RT: 7.804 min Scan# 972
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion: 93 Resp: 1055088

Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.3	39.5
123	11.3	9.3	13.9





#29
2,4-Dichlorophenol
Concen: 41.206 ng
RT: 7.910 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:162 Resp: 69356

Ion	Ratio	Lower	Upper
162	100		
164	65.0	45.2	85.2
98	35.3	14.8	54.8

Instrument :
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ClientSampleId :
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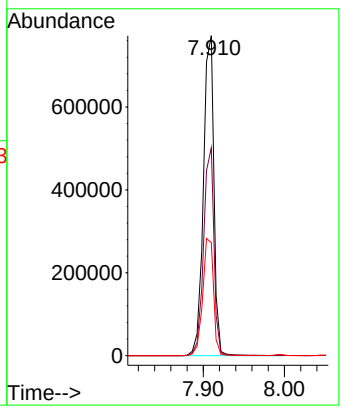
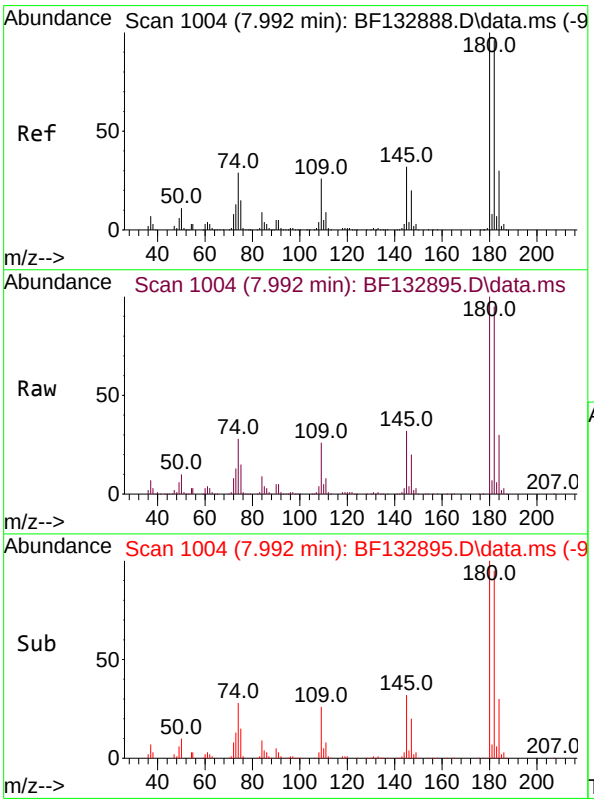
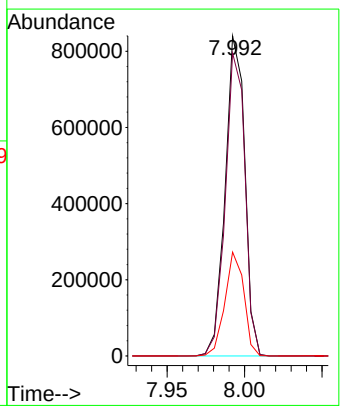


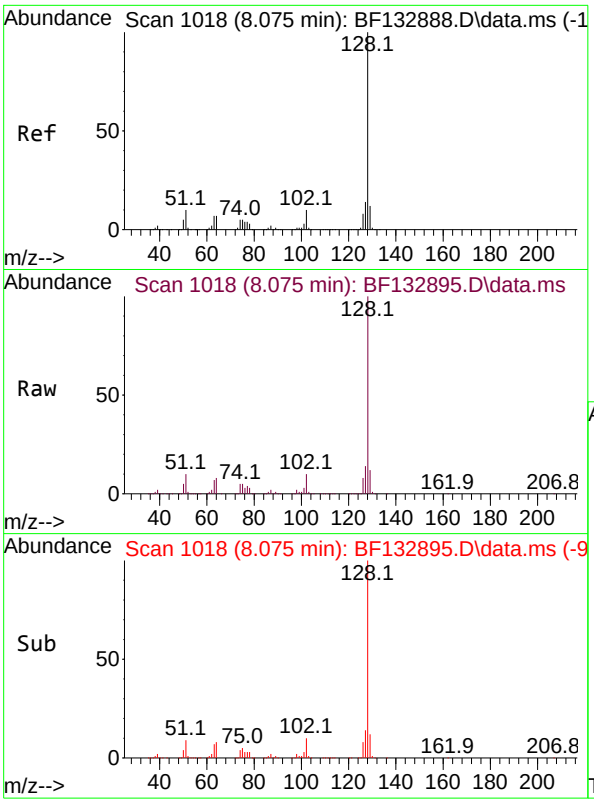


#30
1,2,4-Trichlorobenzene
Concen: 40.659 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:180 Resp: 738940

Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.6	114.8
145	32.5	25.4	38.0

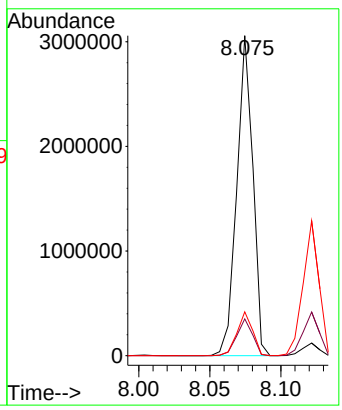




#31
Naphthalene
Concen: 39.858 ng
RT: 8.075 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:128 Resp: 240701

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.0
127	13.7	11.0	16.6



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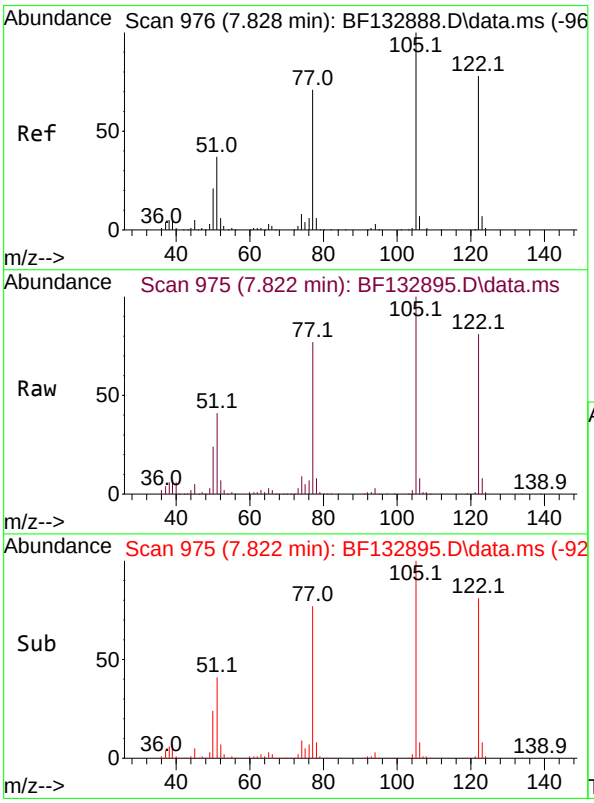
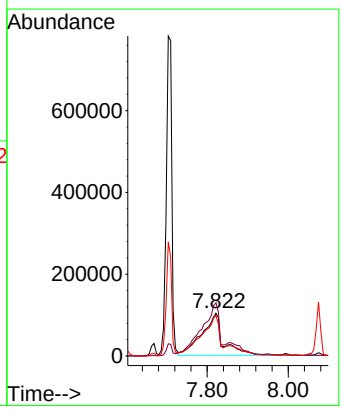
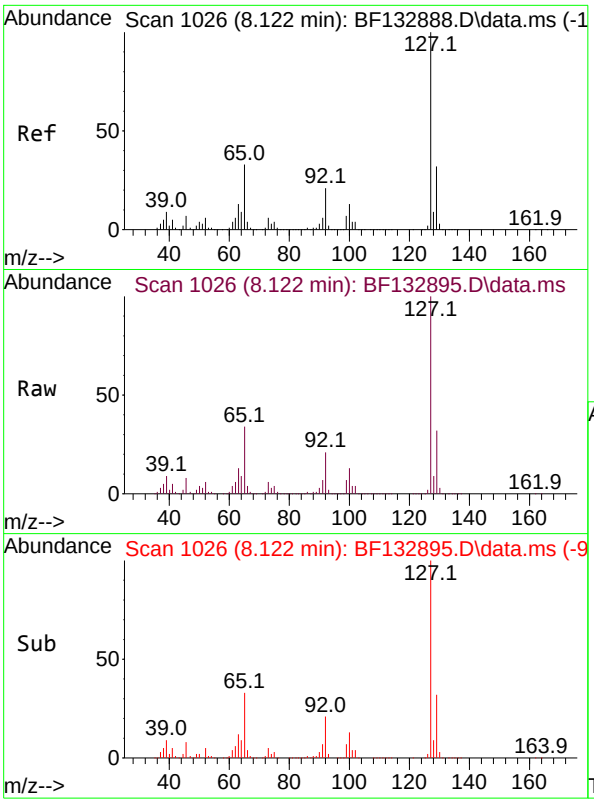


#32
Benzoic acid
Concen: 41.978 ng m
RT: 7.822 min Scan# 975
Delta R.T. -0.006 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:122 Resp: 380667

Ion	Ratio	Lower	Upper
122	100		
105	124.1	104.5	144.5
77	95.2	71.2	111.2

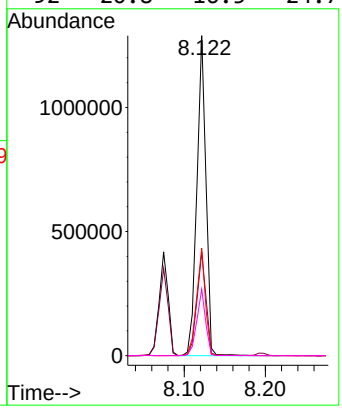




#33
4-Chloroaniline
Concen: 40.852 ng
RT: 8.122 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:127 Resp: 101044

Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	33.6	26.7	40.1
92	20.8	16.5	24.7



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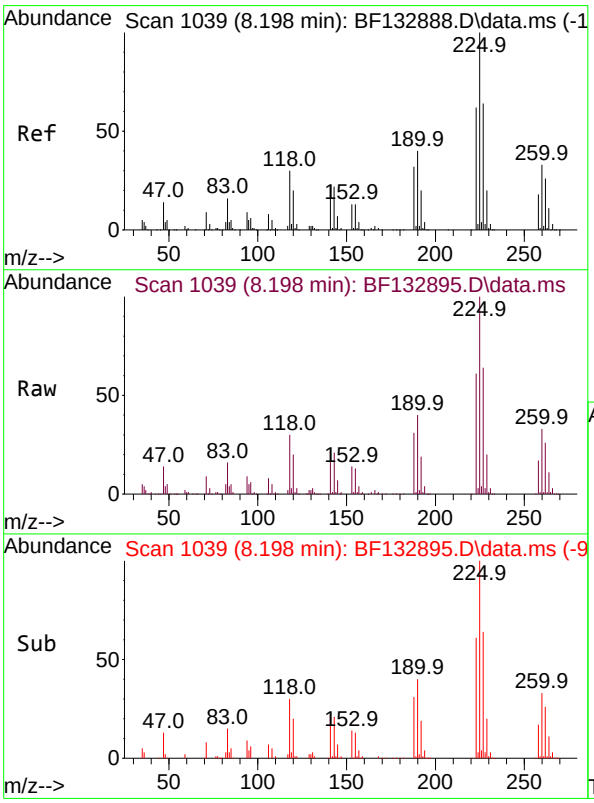
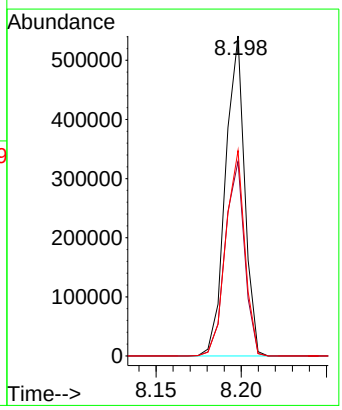
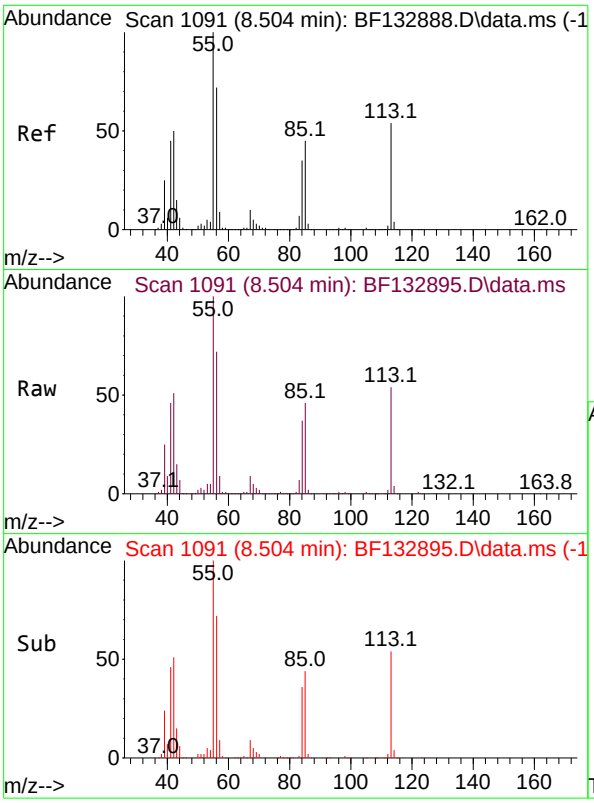


#34
Hexachlorobutadiene
Concen: 40.633 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:225 Resp: 422465

Ion	Ratio	Lower	Upper
225	100		
223	60.8	49.6	74.4
227	64.2	51.6	77.4

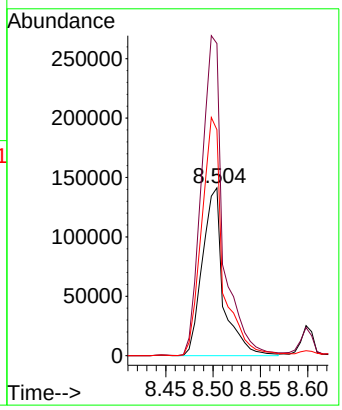




#35
Caprolactam
Concen: 43.609 ng
RT: 8.504 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:113 Resp: 21858

Ion	Ratio	Lower	Upper
113	100		
55	186.0	166.0	206.0
56	134.7	114.5	154.5



Instrument :
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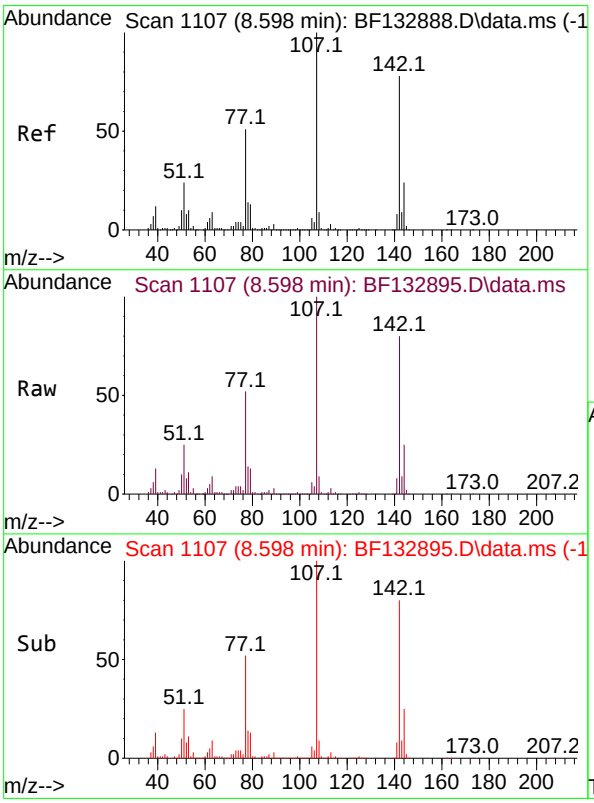
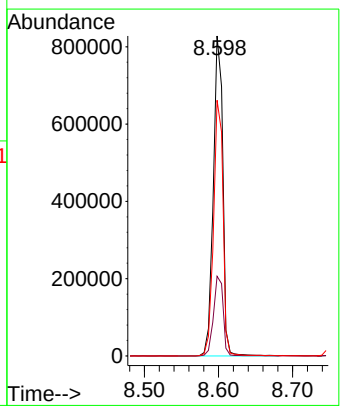
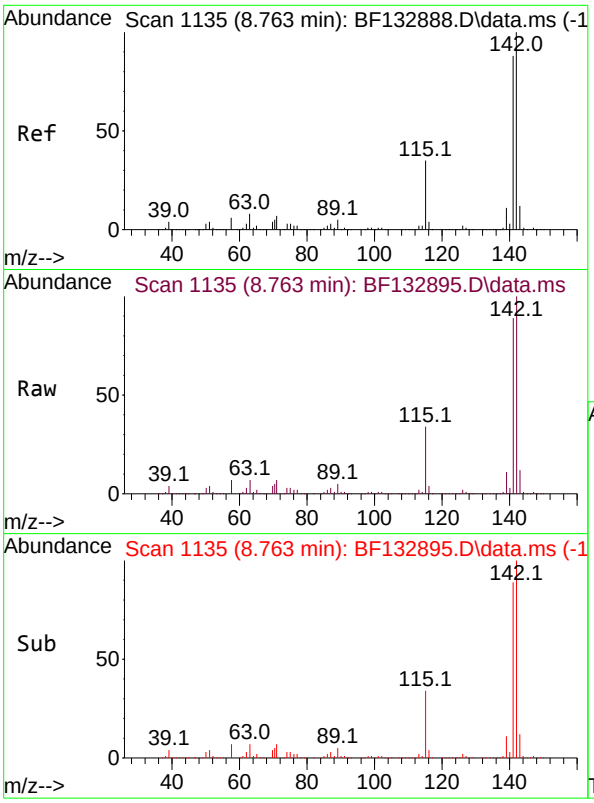


#36
4-Chloro-3-methylphenol
Concen: 41.578 ng
RT: 8.598 min Scan# 1107
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:107 Resp: 734551

Ion	Ratio	Lower	Upper
107	100		
144	24.9	19.4	29.0
142	79.9	62.2	93.2





#37
2-Methylnaphthalene
Concen: 40.002 ng
RT: 8.763 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:142 Resp: 166274

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.4	105.6

Instrument :
BNA_F
ClientSampleId :
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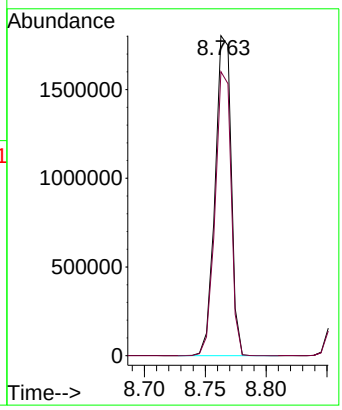
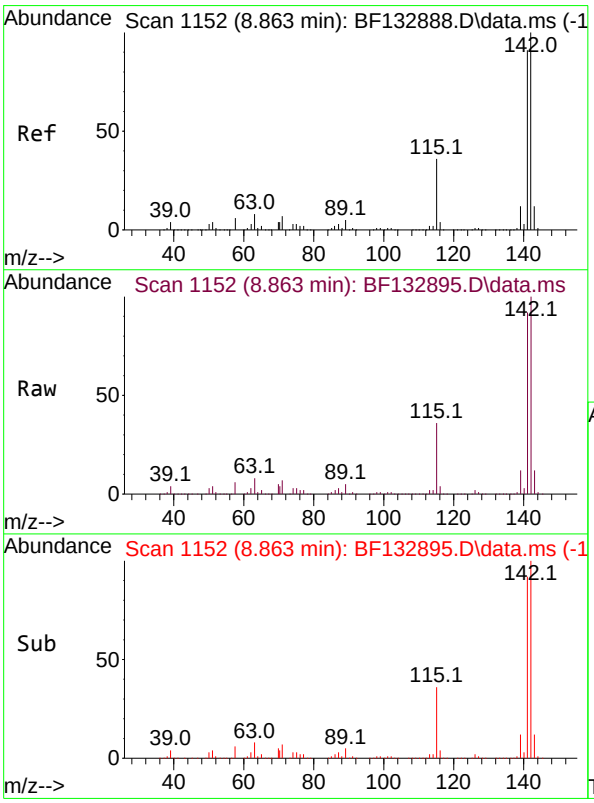
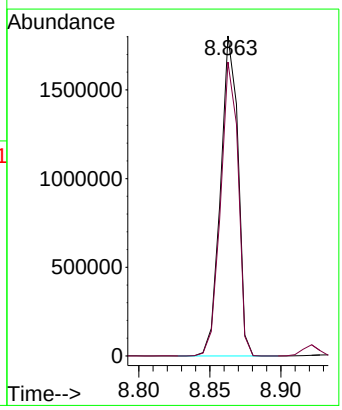


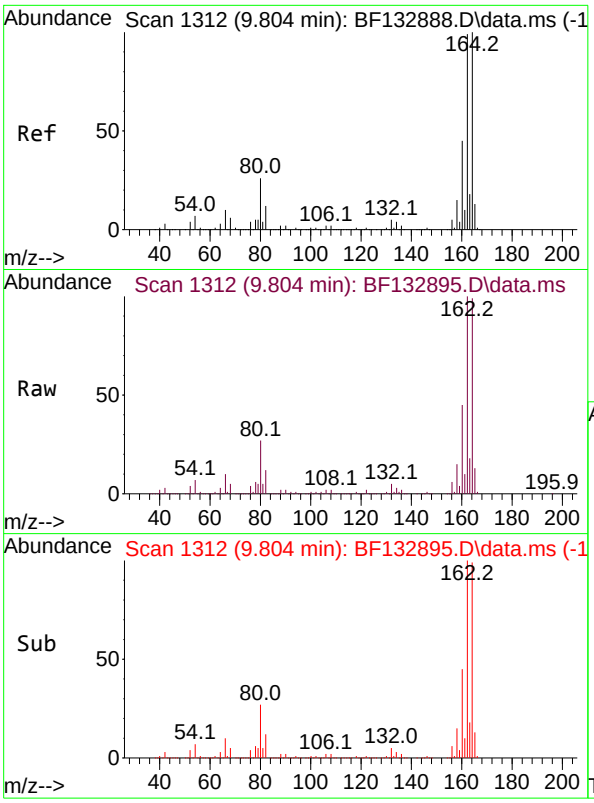


#38
1-Methylnaphthalene
Concen: 39.770 ng
RT: 8.863 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:142 Resp: 1540315

Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.6	109.0

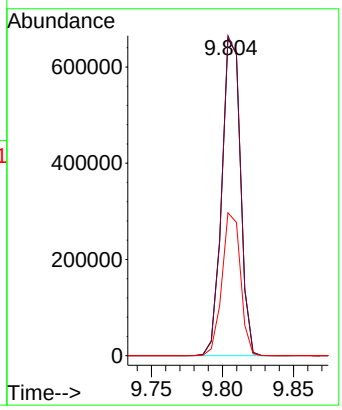




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:164 Resp: 60137

Ion	Ratio	Lower	Upper
164	100		
162	100.9	79.1	118.7
160	45.0	35.6	53.4



Instrument :
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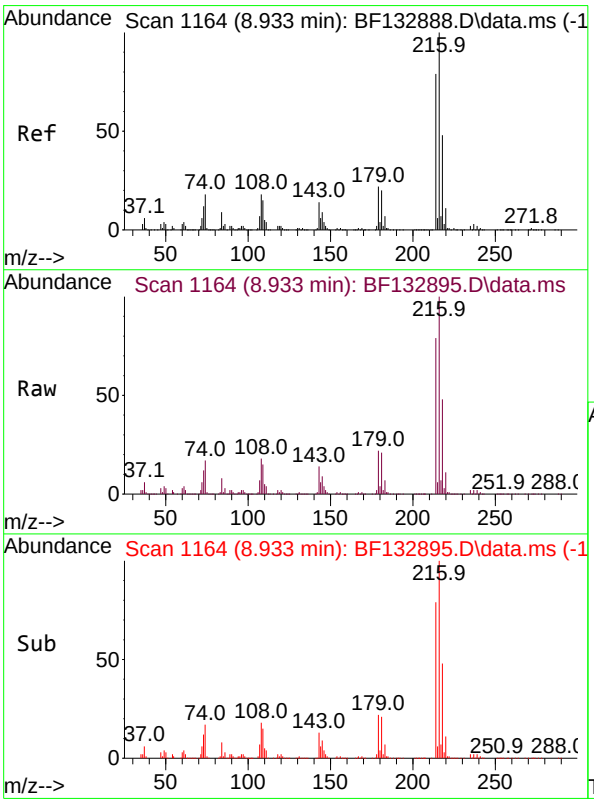
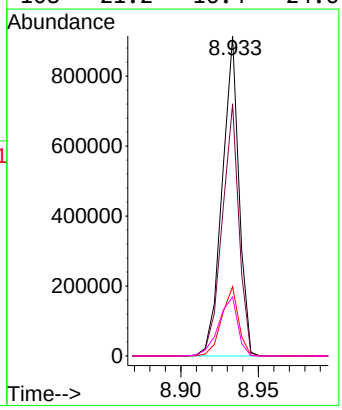
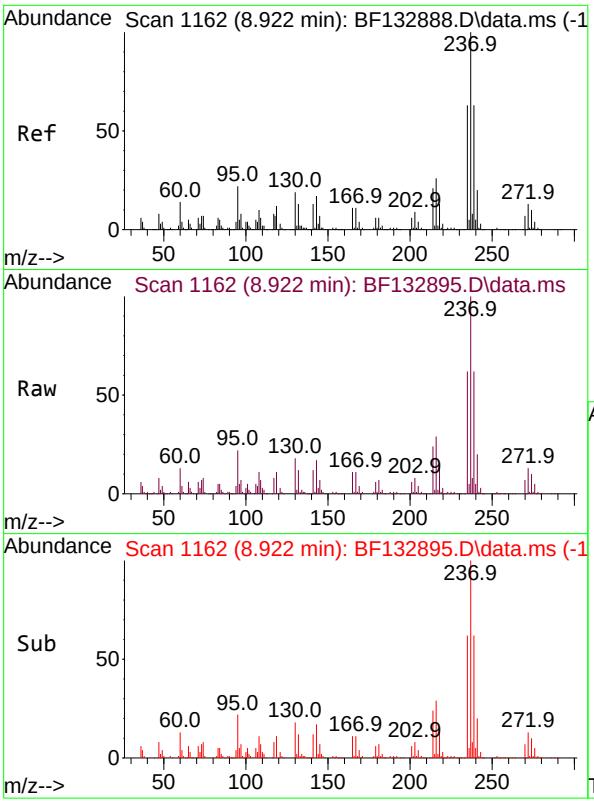


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.459 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:216 Resp: 688189

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.1	94.7
179	21.6	17.4	26.2
108	21.2	16.4	24.6





#41
Hexachlorocyclopentadiene
Concen: 43.524 ng
RT: 8.922 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:237 Resp: 39021

Ion	Ratio	Lower	Upper
237	100		
235	62.3	43.2	83.2
272	13.4	0.0	32.8

Instrument :
BNA_F
ClientSampleId :
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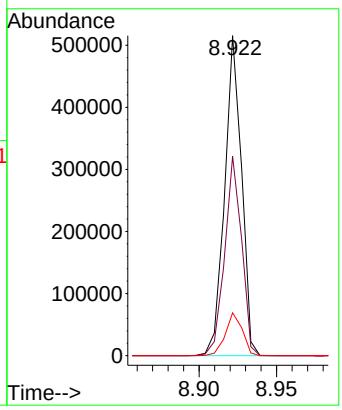
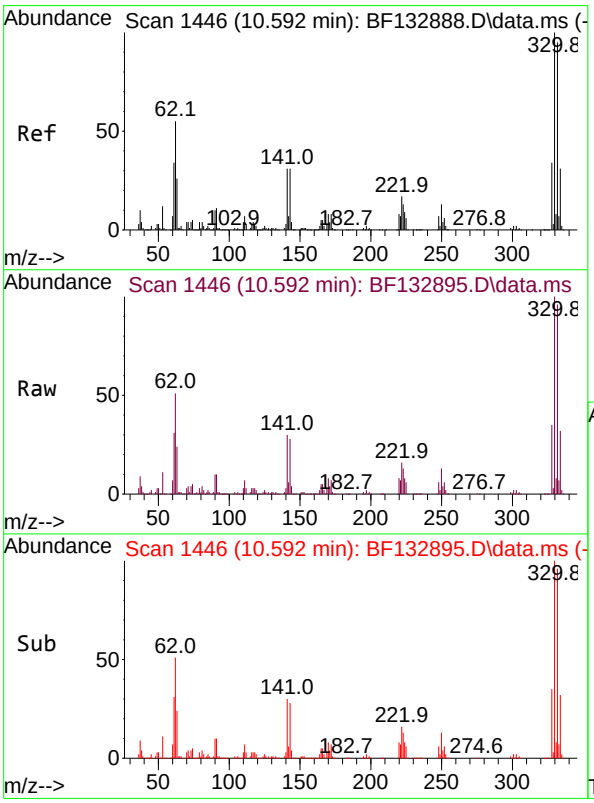
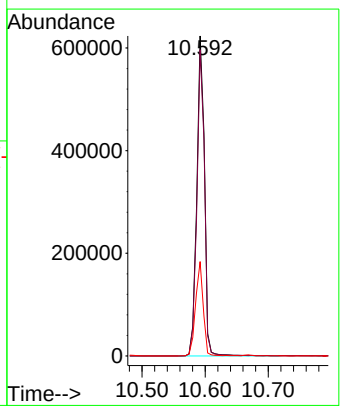


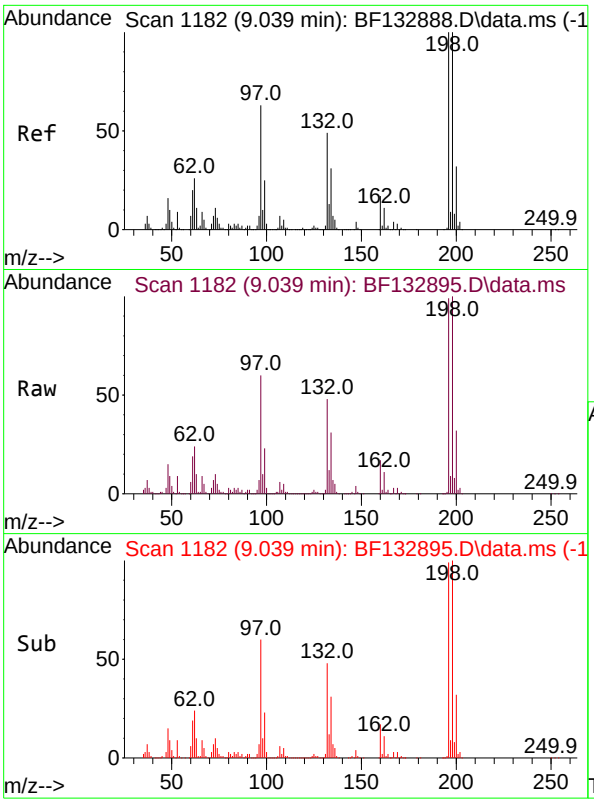


#42
2,4,6-Tribromophenol
Concen: 86.277 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:330 Resp: 520408

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.3	114.5
141	29.7	23.9	35.9

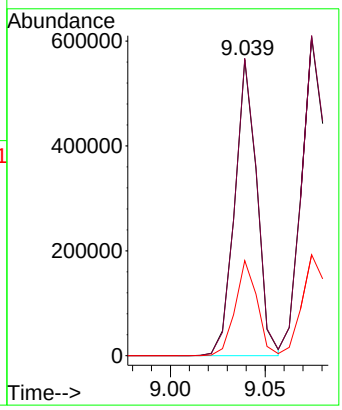




#43
2,4,6-Trichlorophenol
Concen: 42.345 ng
RT: 9.039 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:196 Resp: 45659

Ion	Ratio	Lower	Upper
196	100		
198	100.5	79.8	119.6
200	32.1	25.4	38.2



Instrument :
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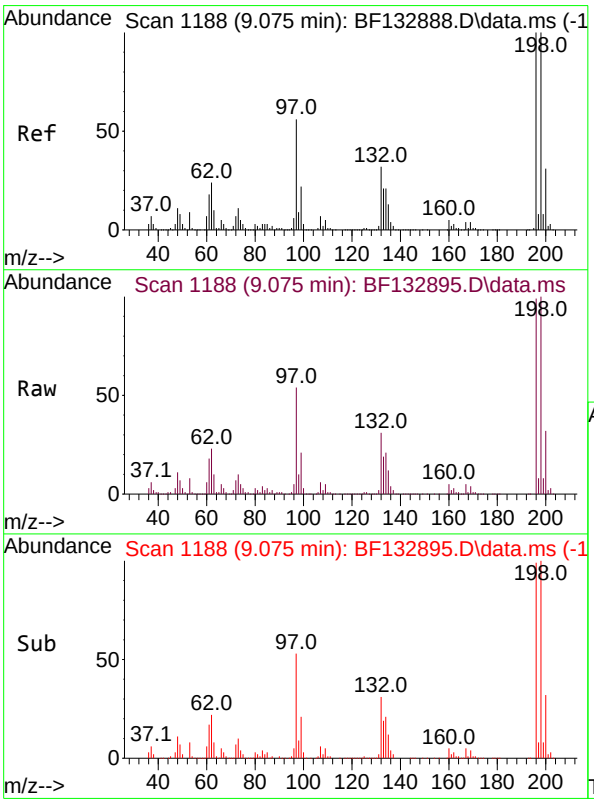
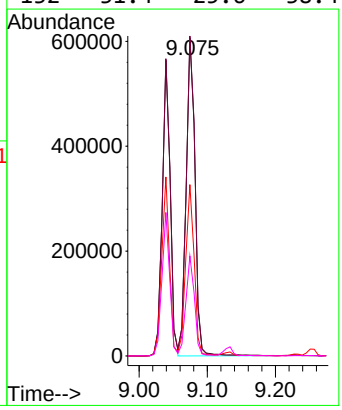
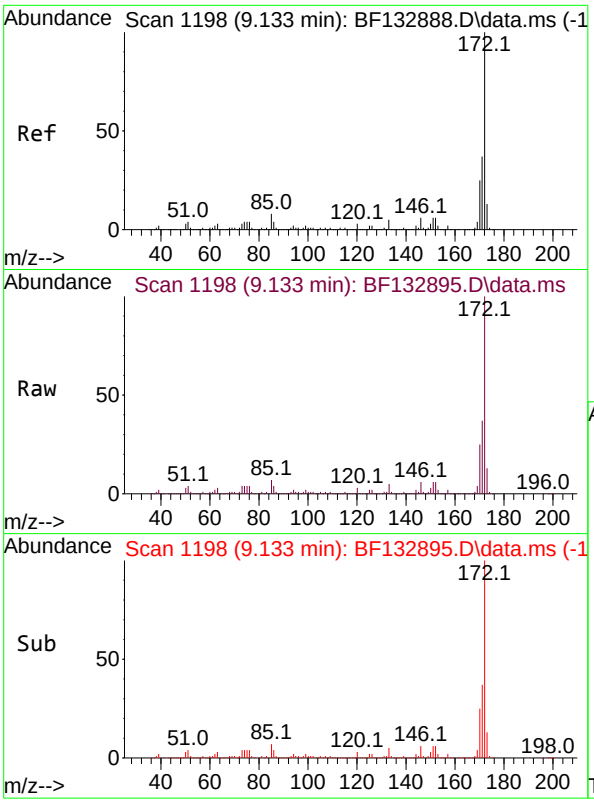


#44
2,4,5-Trichlorophenol
Concen: 42.840 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:196 Resp: 540144

Ion	Ratio	Lower	Upper
196	100		
198	100.5	80.2	120.2
97	53.8	45.0	67.6
132	31.4	25.6	38.4

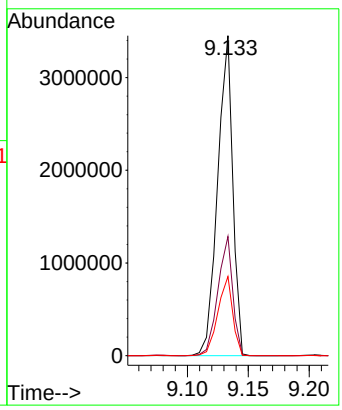




#45
2-Fluorobiphenyl
Concen: 76.445 ng
RT: 9.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:172 Resp: 299255

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.4	44.0
170	24.8	20.1	30.1



Instrument :
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ClientSampleId :
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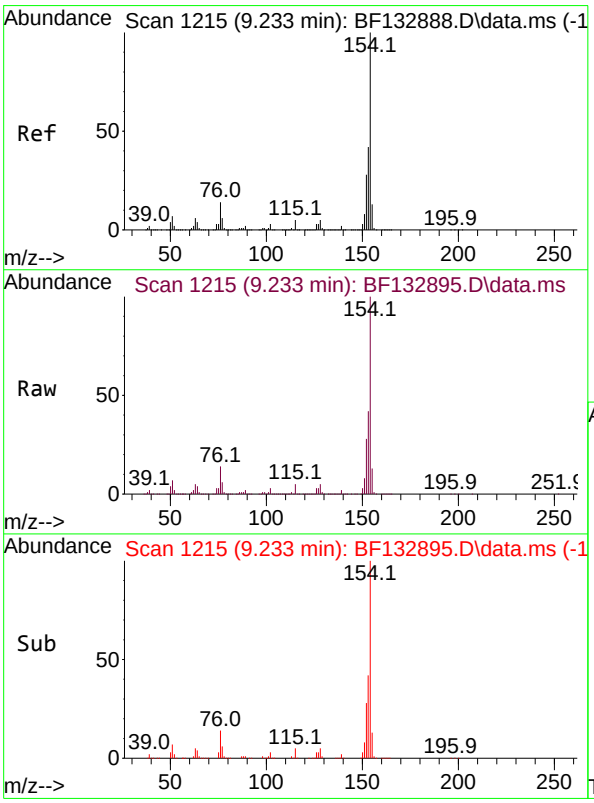
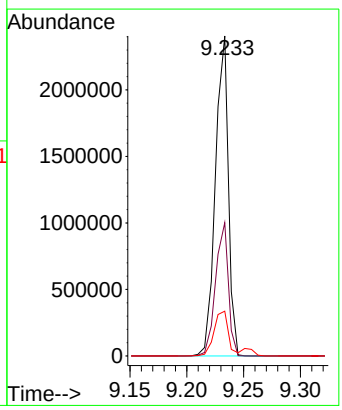
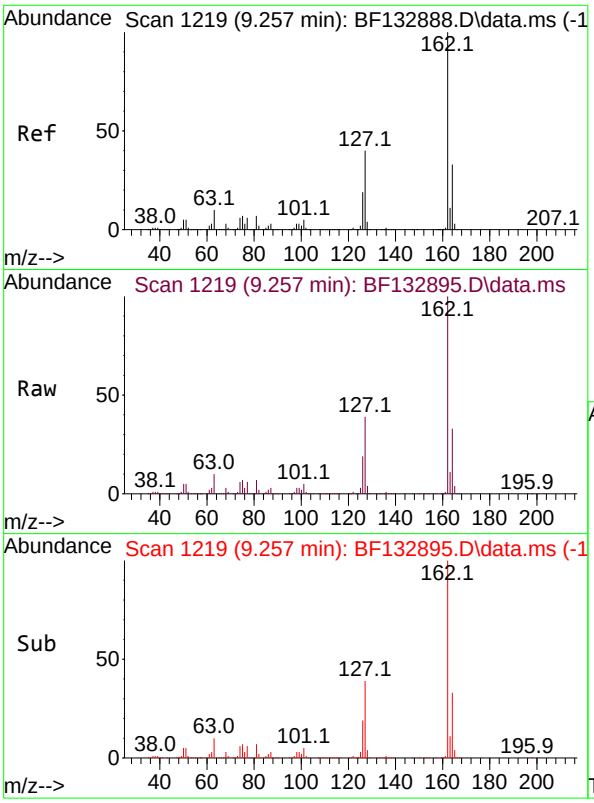


#46
1,1'-Biphenyl
Concen: 40.055 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:154 Resp: 1909552

Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.8	61.8
76	14.0	0.0	34.0

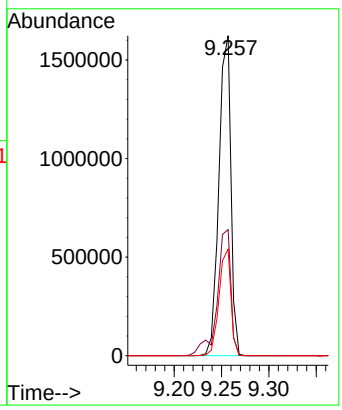




#47
2-Chloronaphthalene
Concen: 40.599 ng
RT: 9.257 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:162 Resp: 143227

Ion	Ratio	Lower	Upper
162	100		
127	39.4	32.2	48.2
164	33.3	26.5	39.7



Instrument :
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ClientSampleId :
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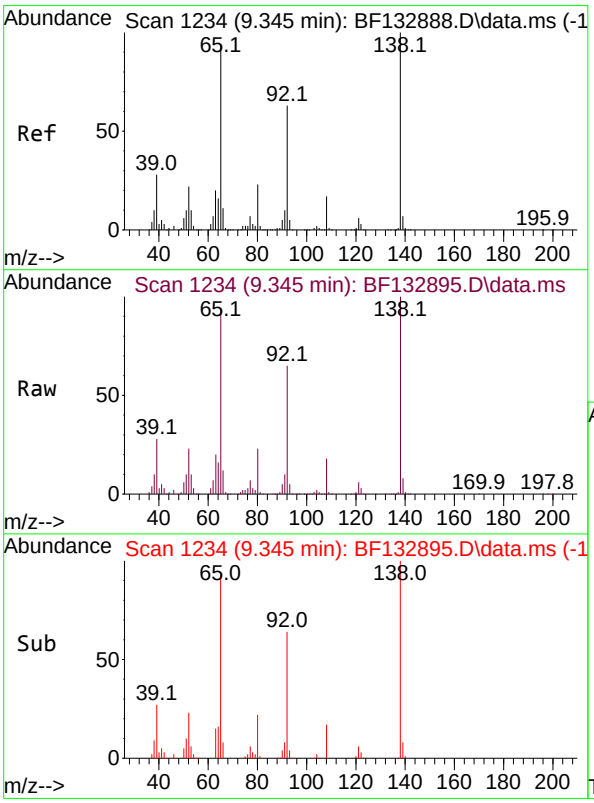
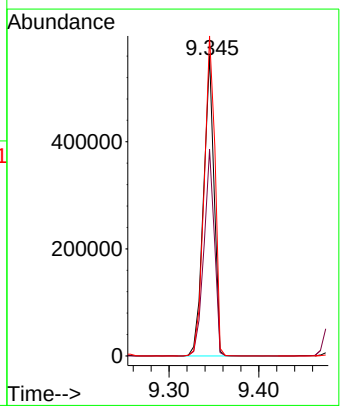
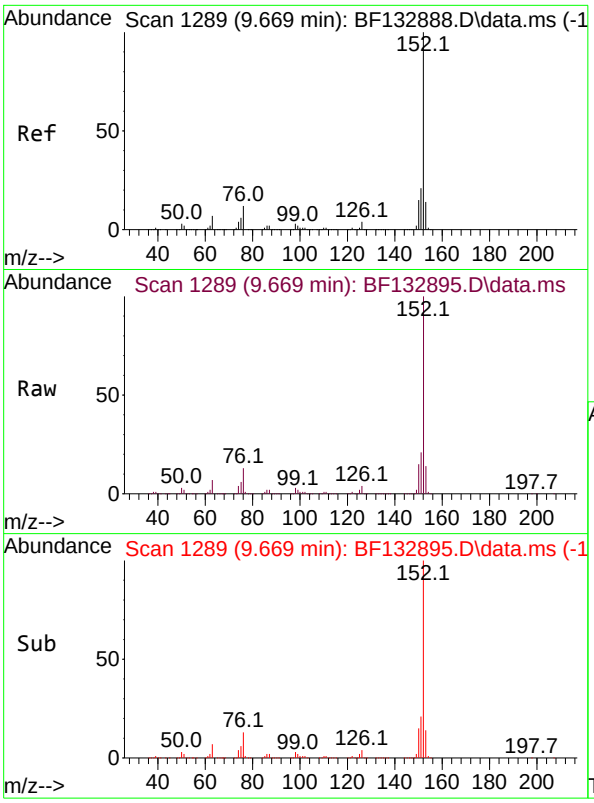


#48
2-Nitroaniline
Concen: 44.936 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion: 65 Resp: 458615

Ion	Ratio	Lower	Upper
65	100		
92	68.8	53.5	80.3
138	106.5	84.8	127.2

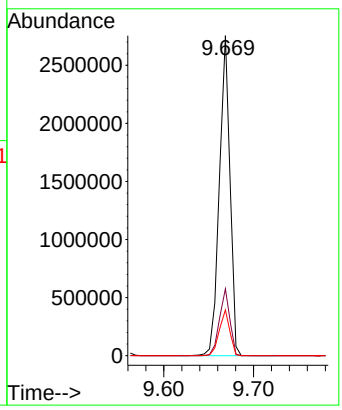




#49
Acenaphthylene
Concen: 40.226 ng
RT: 9.669 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:152 Resp: 226344

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.4	24.6
153	14.3	11.4	17.0



Instrument :
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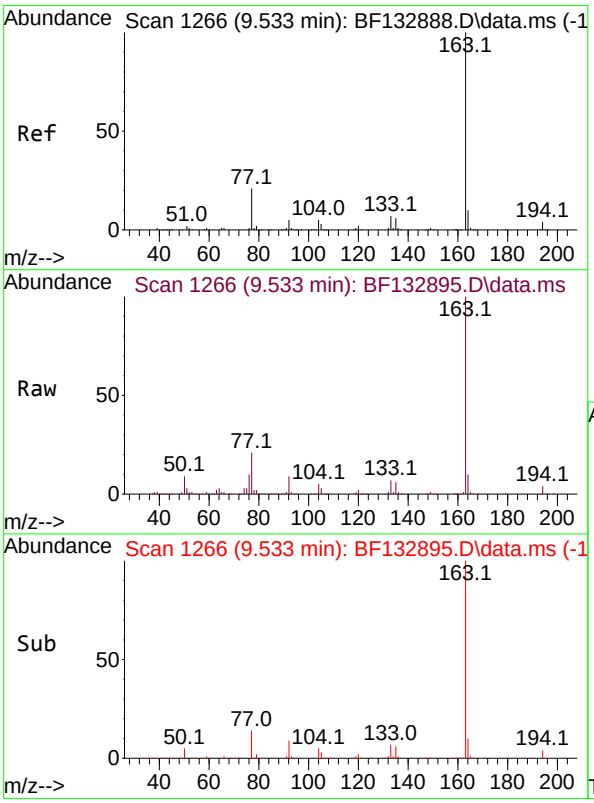
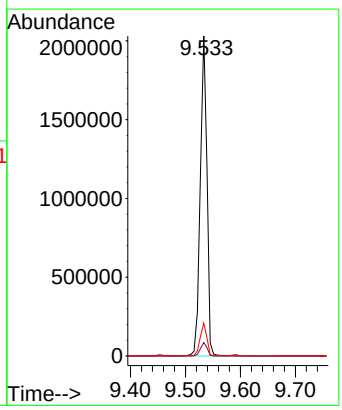
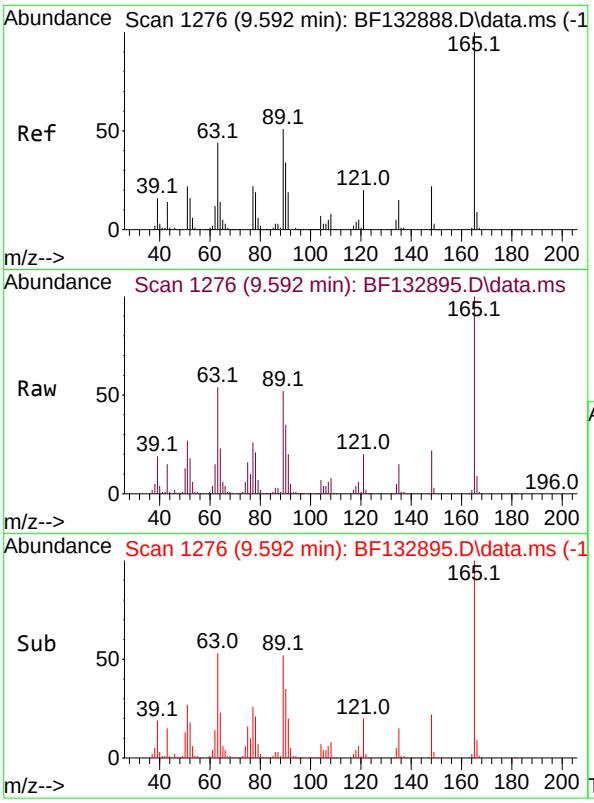


#50
Dimethylphthalate
Concen: 41.344 ng
RT: 9.533 min Scan# 1266
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:163 Resp: 1718949

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.2	8.3	12.5





#51
2,6-Dinitrotoluene
Concen: 42.796 ng
RT: 9.592 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:165 Resp: 39011

Ion	Ratio	Lower	Upper
165	100		
63	53.5	42.6	63.8
89	52.3	41.0	61.4

Instrument :
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ClientSampleId :
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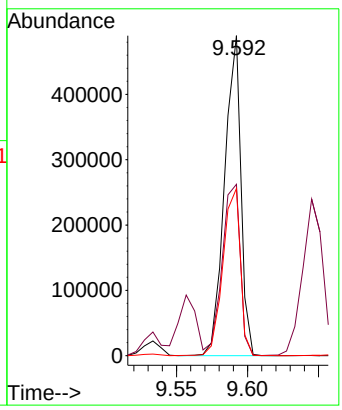
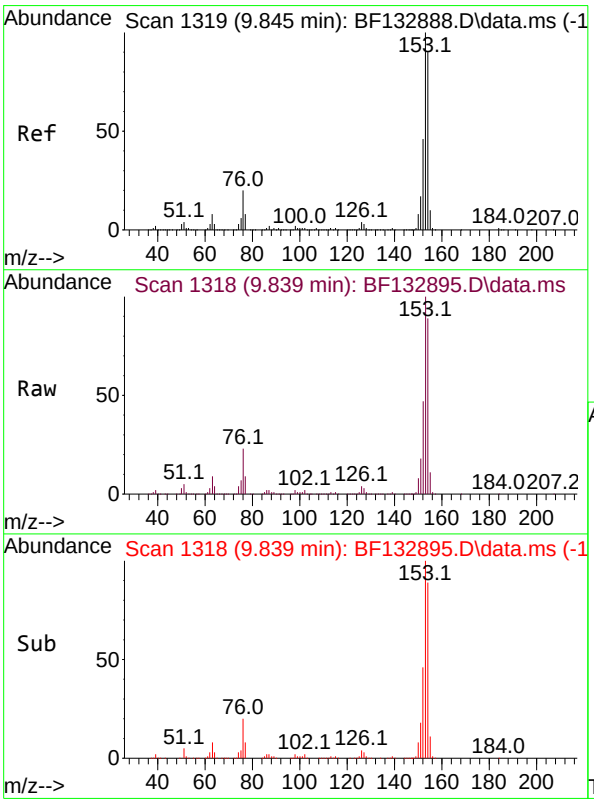
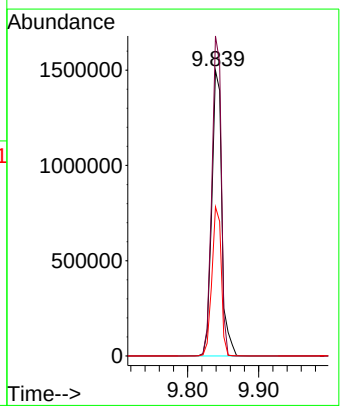


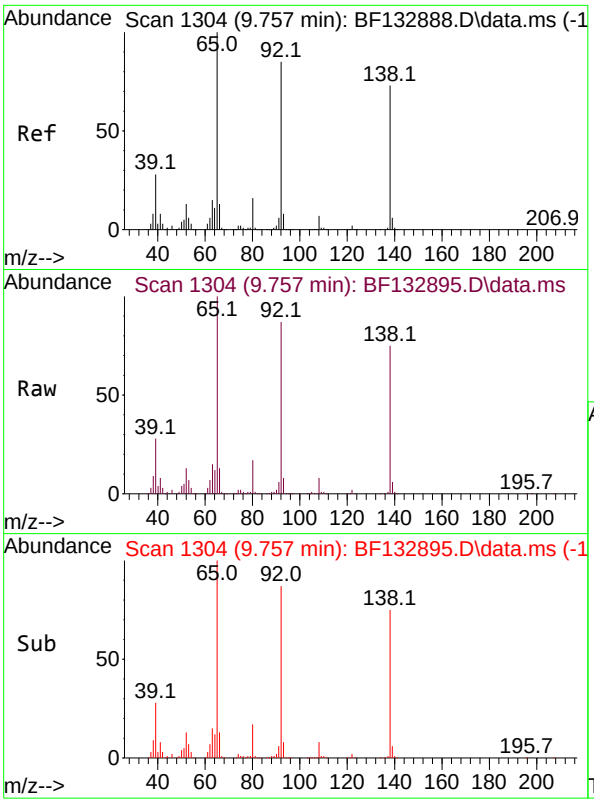


#52
Acenaphthene
Concen: 40.745 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:154 Resp: 1477403

Ion	Ratio	Lower	Upper
154	100		
153	112.1	88.8	133.2
152	52.3	41.2	61.8





#53
3-Nitroaniline
Concen: 43.801 ng
RT: 9.757 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:138 Resp: 45436

Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.2	12.2
92	115.0	93.8	140.8

Instrument :
BNA_F
ClientSampleId :
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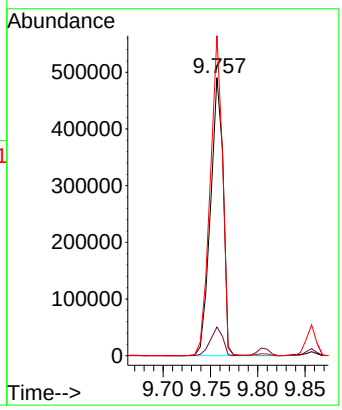
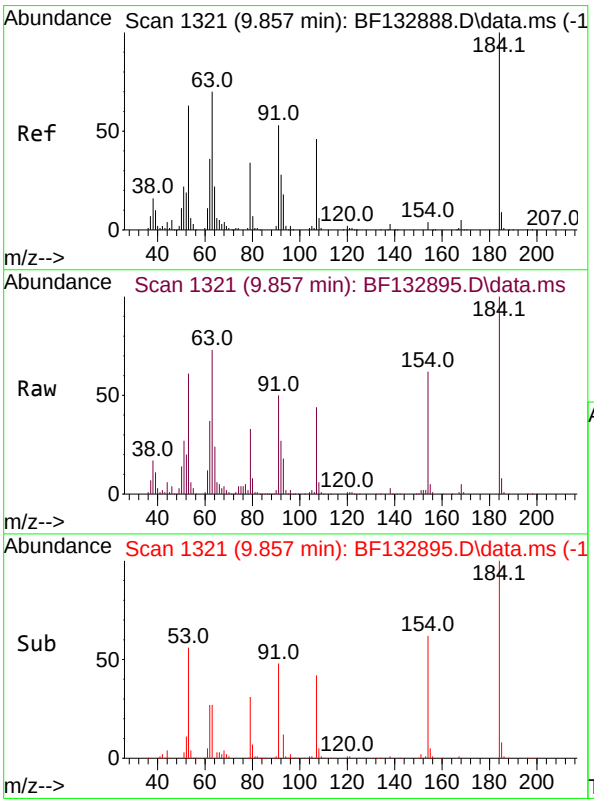
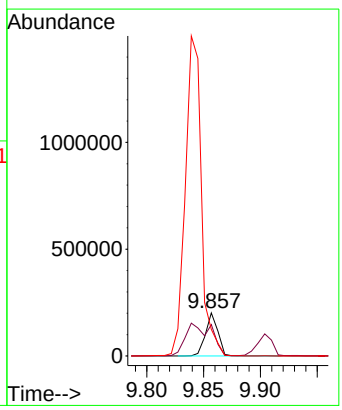


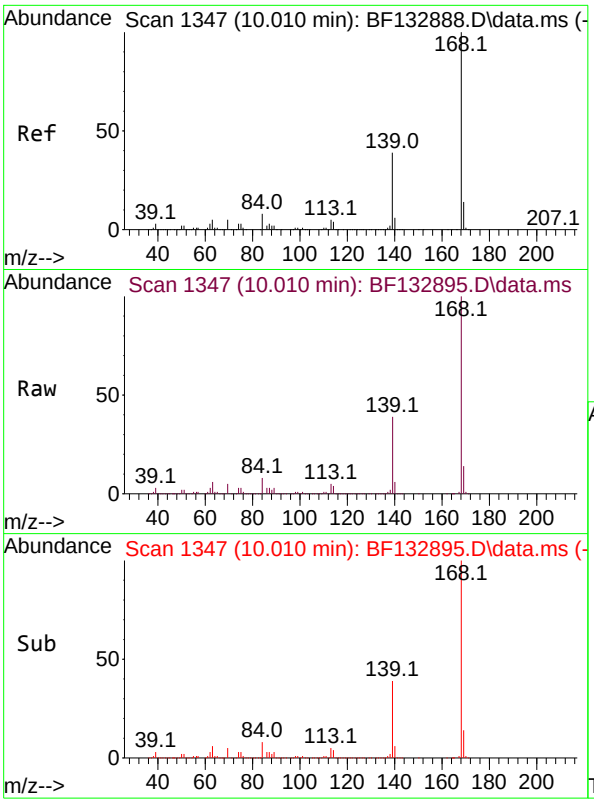


#54
2,4-Dinitrophenol
Concen: 42.791 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:184 Resp: 151949

Ion	Ratio	Lower	Upper
184	100		
63	72.8	62.7	94.1
154	61.7	49.9	74.9

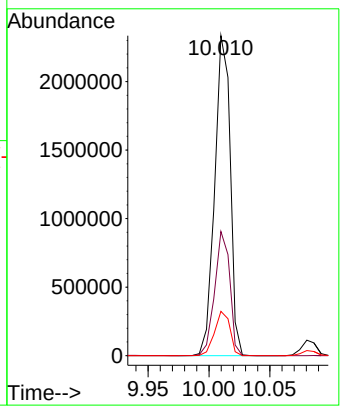




#55
Dibenzofuran
Concen: 40.400 ng
RT: 10.010 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:168 Resp: 207832

Ion	Ratio	Lower	Upper
168	100		
139	38.8	31.4	47.0
169	13.8	11.2	16.8



Instrument :
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ClientSampleId :
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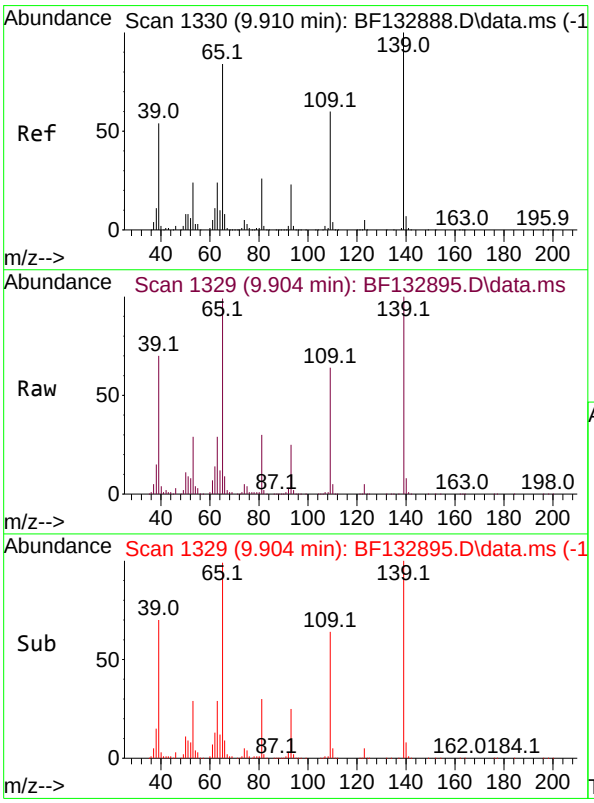
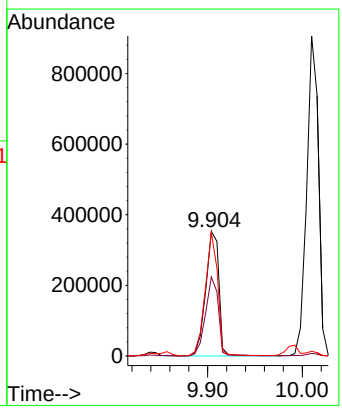
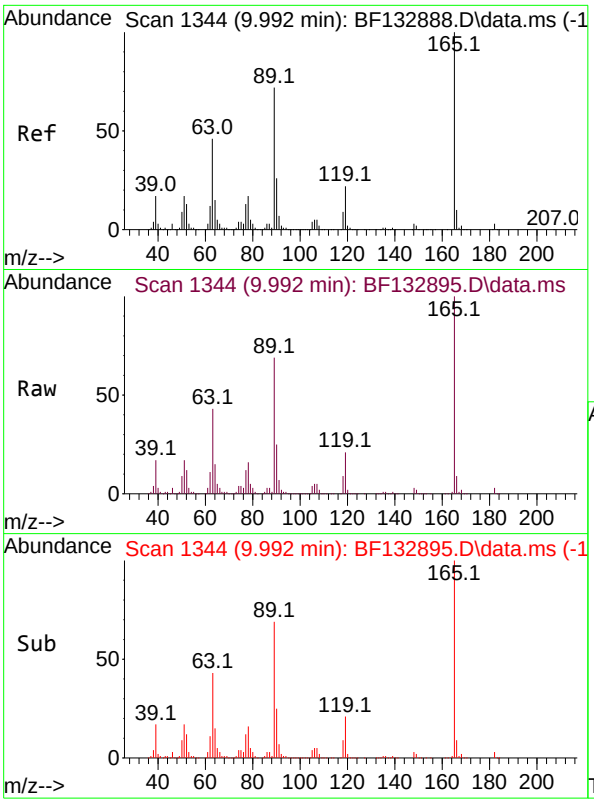


#56
4-Nitrophenol
Concen: 44.336 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:139 Resp: 341633

Ion	Ratio	Lower	Upper
139	100		
109	63.5	40.4	80.4
65	99.5	64.2	104.2

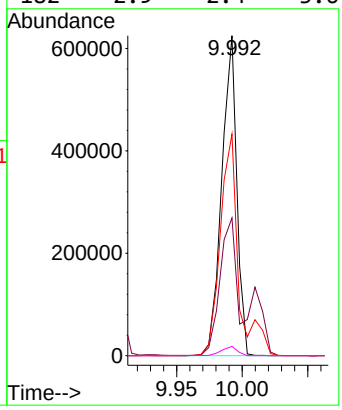




#57
2,4-Dinitrotoluene
Concen: 44.290 ng
RT: 9.992 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:165 Resp: 49828

Ion	Ratio	Lower	Upper
165	100		
63	43.1	37.0	55.6
89	69.2	57.8	86.6
182	2.9	2.4	3.6



Instrument :
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ClientSampleId :
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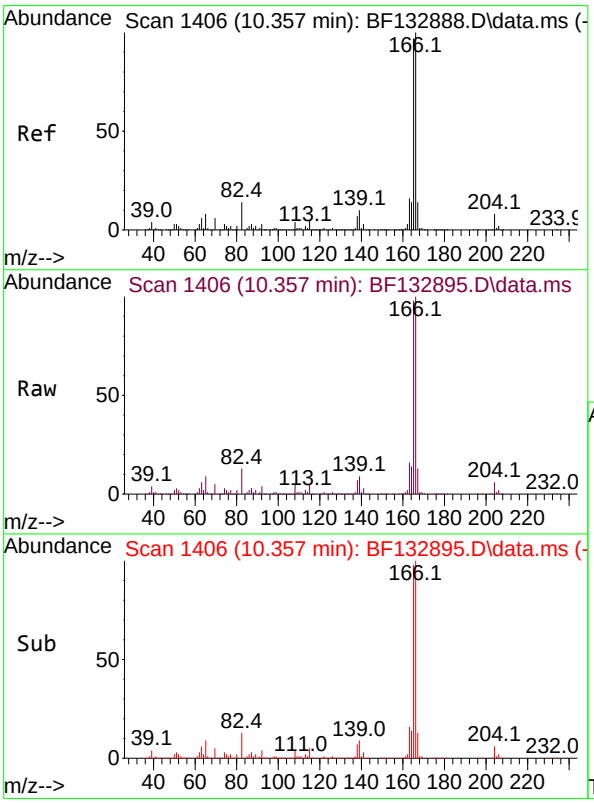
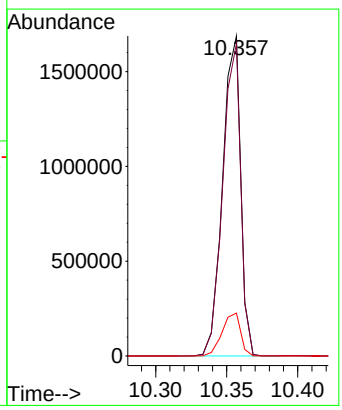
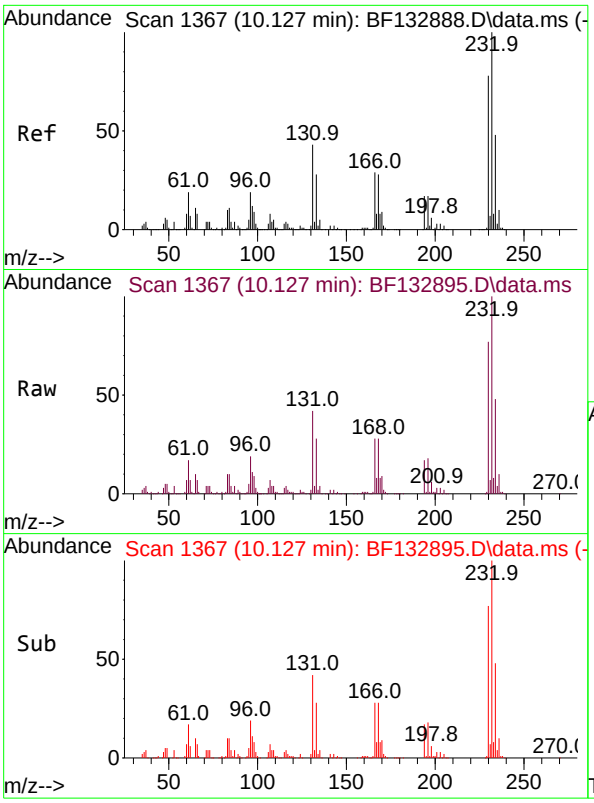


#58
Fluorene
Concen: 39.443 ng
RT: 10.357 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:166 Resp: 1486369

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.0	117.0
167	13.4	11.0	16.4

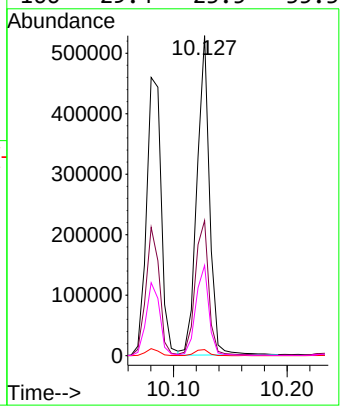




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.496 ng
RT: 10.127 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:232 Resp: 40605

Ion	Ratio	Lower	Upper
232	100		
131	45.7	35.9	53.9
130	2.1	1.8	2.8
166	29.4	23.5	35.3



Instrument :
BNA_F
ClientSampleId :
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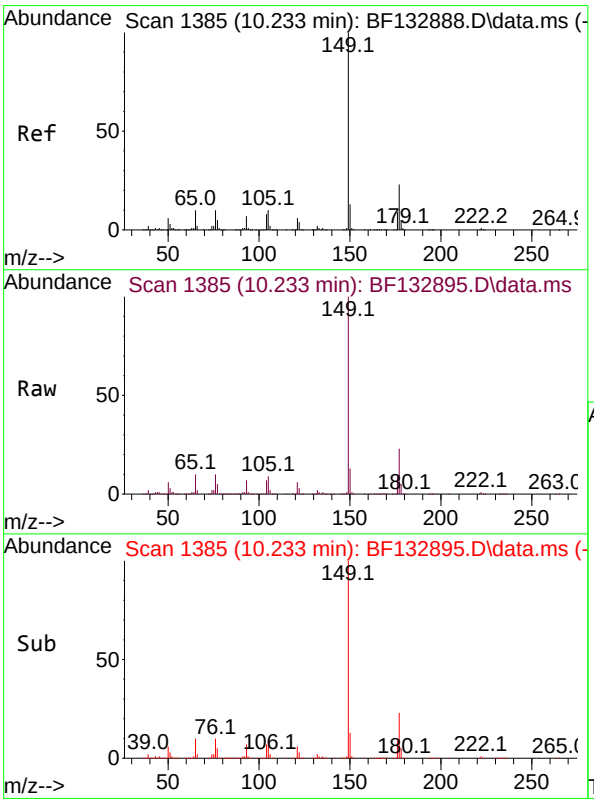
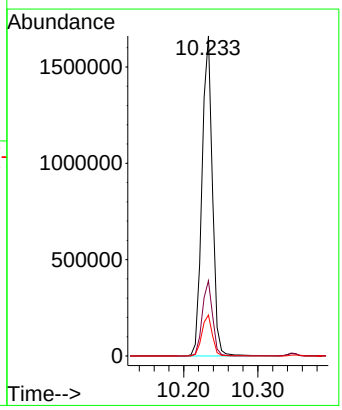
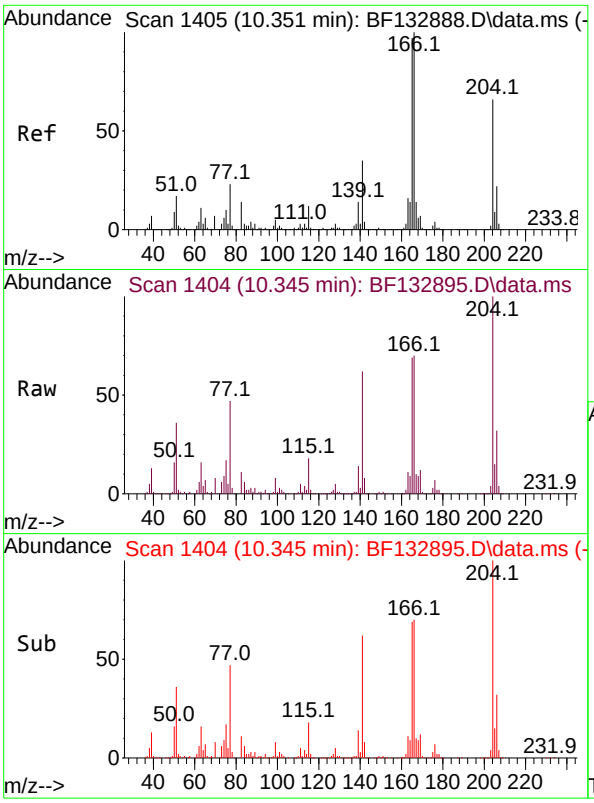


#60
Diethylphthalate
Concen: 41.721 ng
RT: 10.233 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:149 Resp: 1620899

Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.5	27.7
150	12.8	10.3	15.5





#61
4-Chlorophenyl-phenylether
Concen: 40.010 ng
RT: 10.345 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:204 Resp: 76689

Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.6	40.0
141	62.2	43.1	64.7

Instrument :
BNA_F
ClientSampleId :
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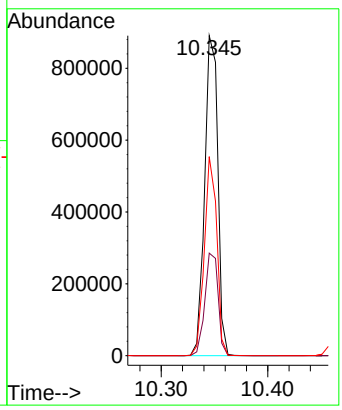
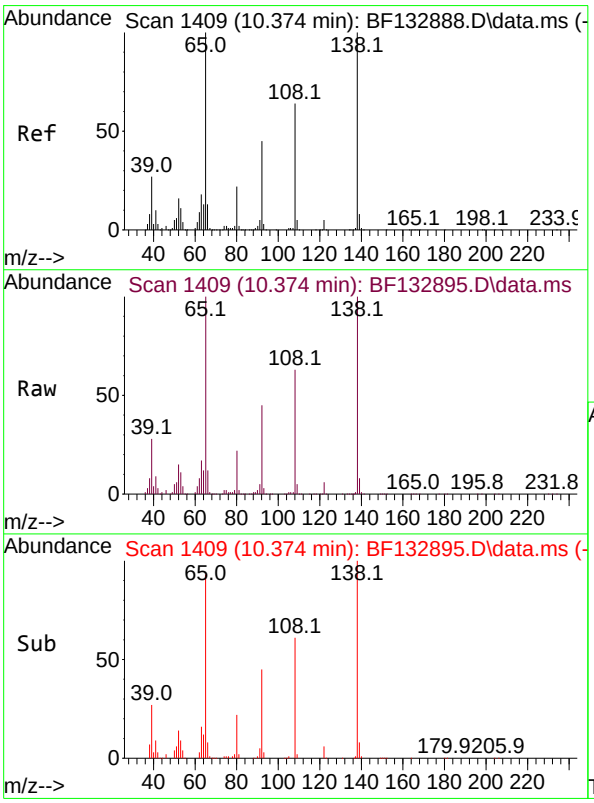
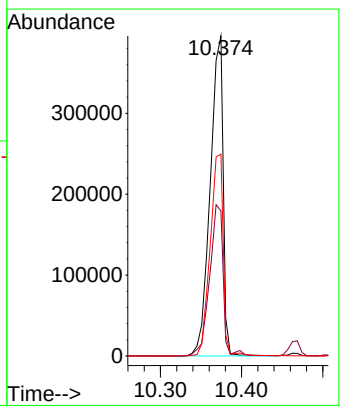


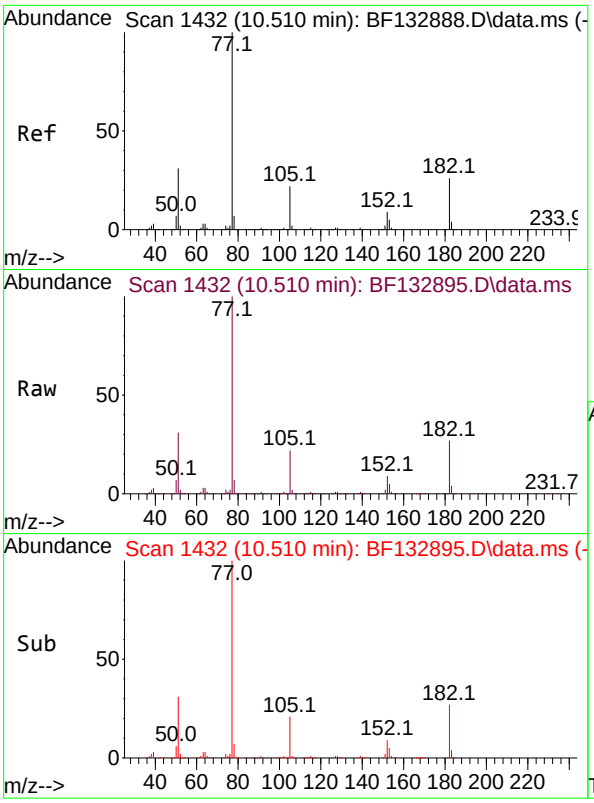


#62
4-Nitroaniline
Concen: 43.736 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:138 Resp: 436062

Ion	Ratio	Lower	Upper
138	100		
92	45.4	25.0	65.0
108	63.0	44.2	84.2

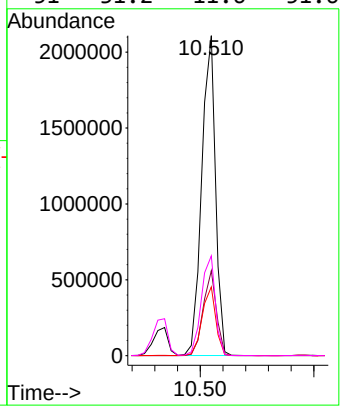




#63
Azobenzene
Concen: 40.837 ng
RT: 10.510 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion: 77 Resp: 177223

Ion	Ratio	Lower	Upper
77	100		
182	26.5	6.0	46.0
105	21.5	1.6	41.6
51	31.2	11.6	51.6



Instrument :
BNA_F
ClientSampleId :
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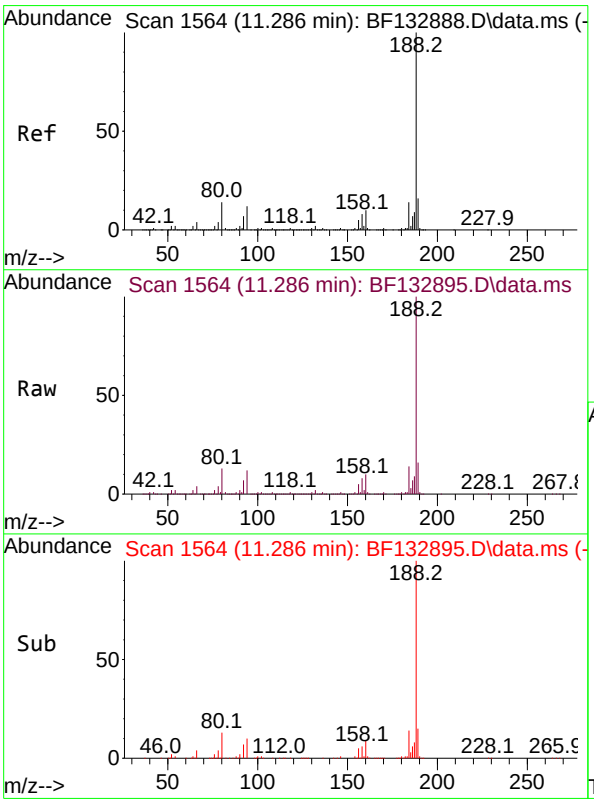
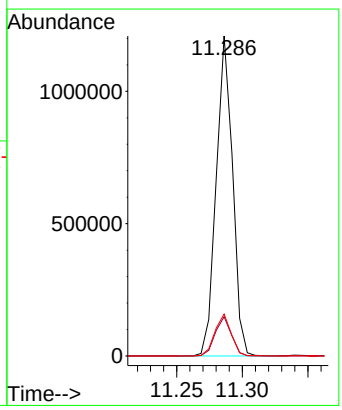
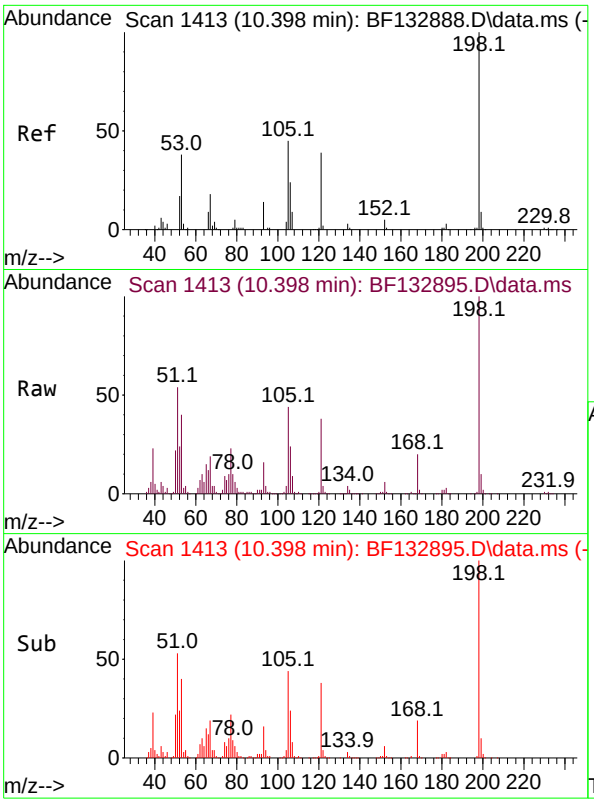


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:188 Resp: 1047284

Ion	Ratio	Lower	Upper
188	100		
94	12.3	9.9	14.9
80	13.1	10.8	16.2

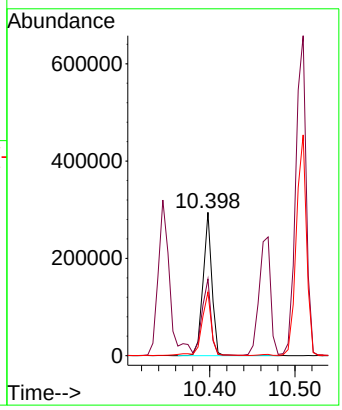




#65
4,6-Dinitro-2-methylphenol
Concen: 42.323 ng
RT: 10.398 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:198 Resp: 21227

Ion	Ratio	Lower	Upper
198	100		
51	53.5	34.6	74.6
105	44.3	25.6	65.6



Instrument :
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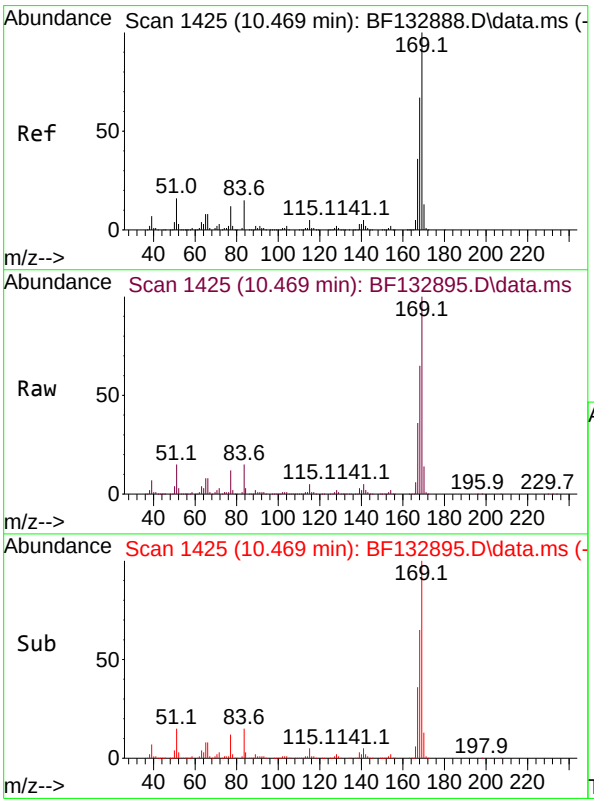
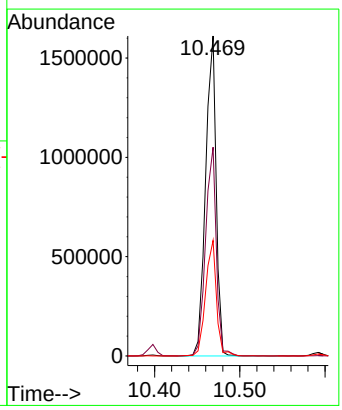
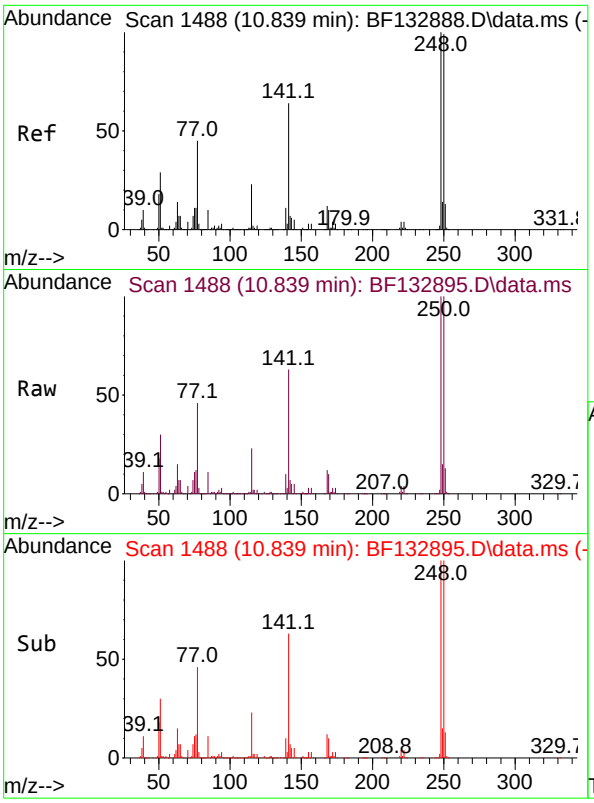


#66
n-Nitrosodiphenylamine
Concen: 40.577 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:169 Resp: 1383997

Ion	Ratio	Lower	Upper
169	100		
168	65.2	53.4	80.0
167	36.1	29.0	43.6





#67
4-Bromophenyl-phenylether
Concen: 40.661 ng
RT: 10.839 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:248 Resp: 48626

Ion	Ratio	Lower	Upper
248	100		
250	100.1	79.1	118.7
141	62.9	51.0	76.6

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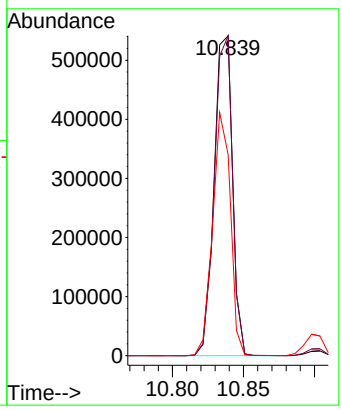
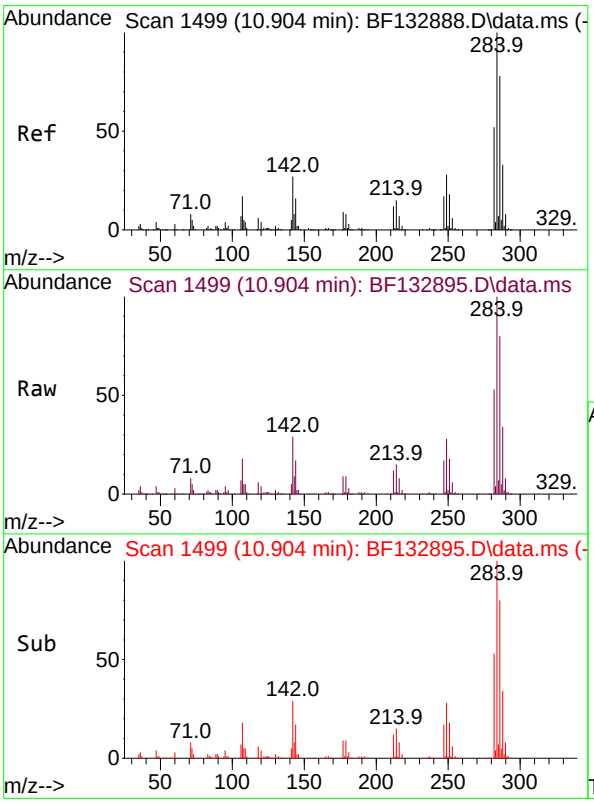
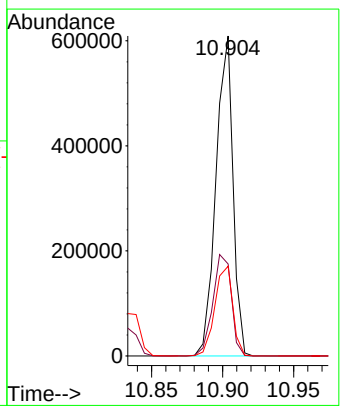


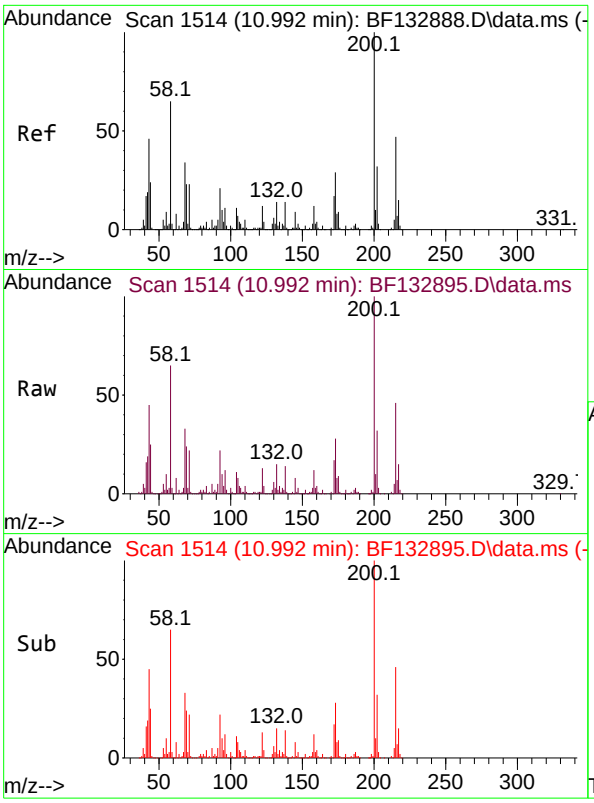


#68
Hexachlorobenzene
Concen: 40.789 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:284 Resp: 506068

Ion	Ratio	Lower	Upper
284	100		
142	28.7	22.0	33.0
249	28.0	22.6	34.0

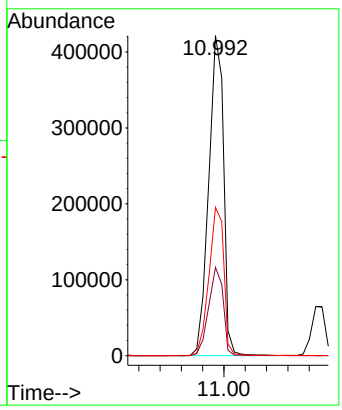




#69
Atrazine
Concen: 43.026 ng
RT: 10.992 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:200 Resp: 41019

Ion	Ratio	Lower	Upper
200	100		
173	27.6	8.7	48.7
215	46.4	27.2	67.2



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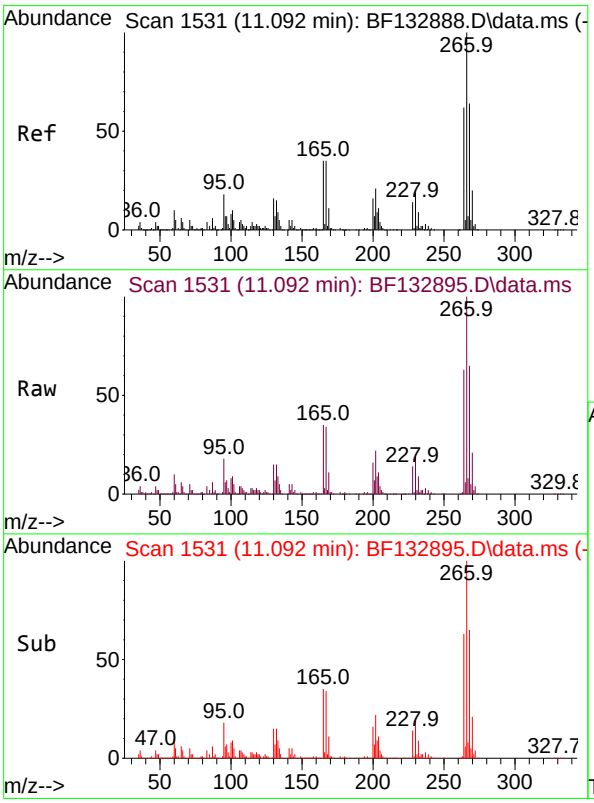
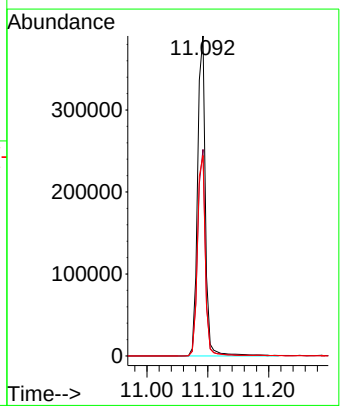
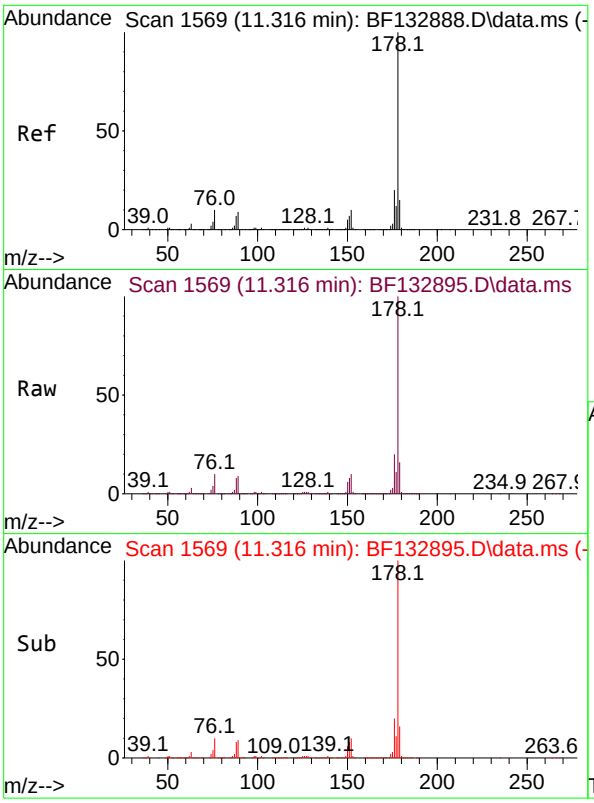


#70
Pentachlorophenol
Concen: 43.295 ng
RT: 11.092 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:266 Resp: 346629

Ion	Ratio	Lower	Upper
266	100		
268	64.5	50.9	76.3
264	62.6	49.8	74.6

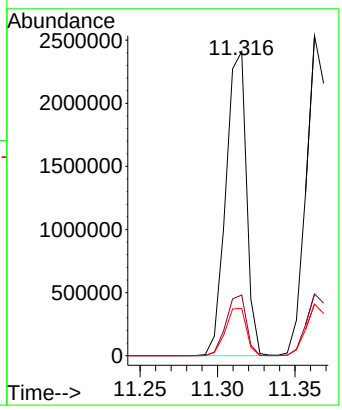




#71
Phenanthrene
Concen: 39.603 ng
RT: 11.316 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:178 Resp: 223091

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.6	12.3	18.5



Instrument :
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ClientSampleId :
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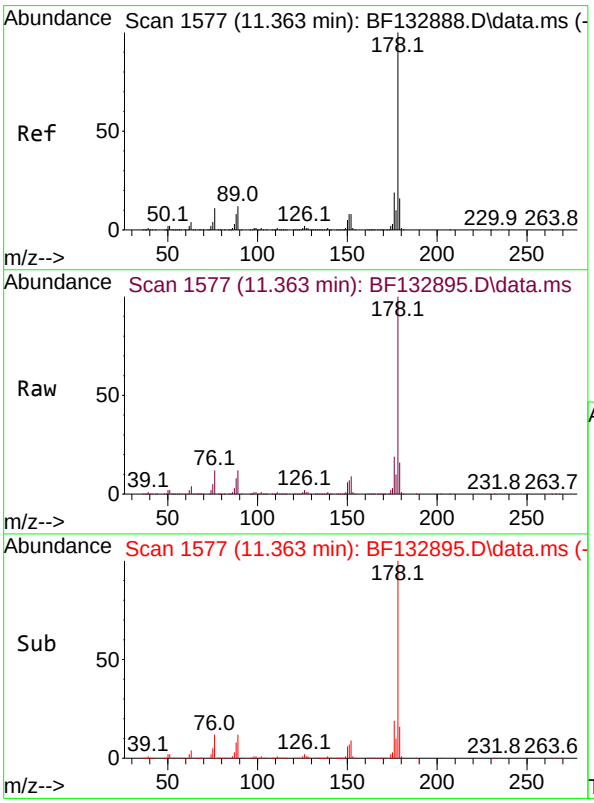
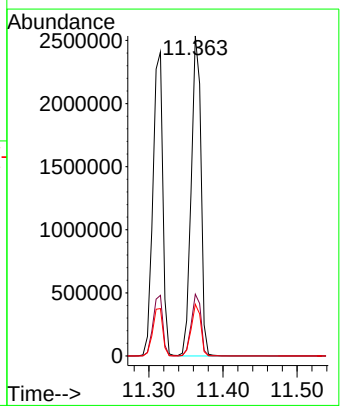
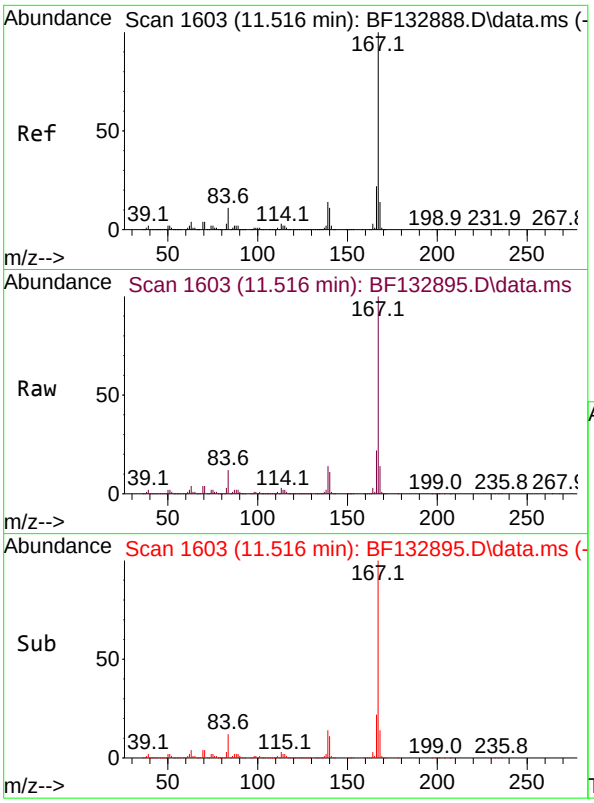


#72
Anthracene
Concen: 40.218 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:178 Resp: 2319253

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	16.1	12.8	19.2

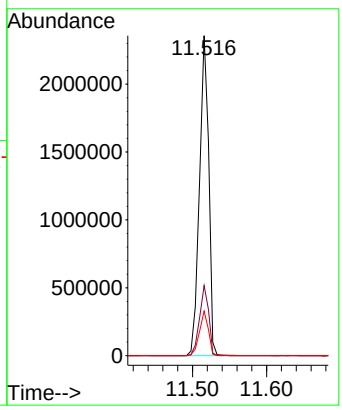




#73
Carbazole
Concen: 40.737 ng
RT: 11.516 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:167 Resp: 203264

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.2
139	13.9	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
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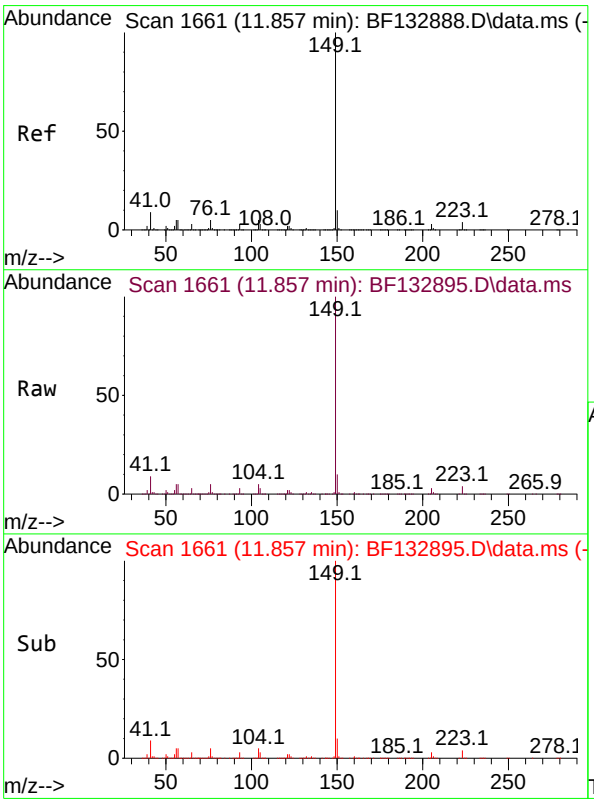
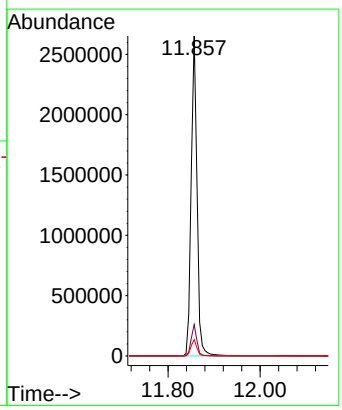
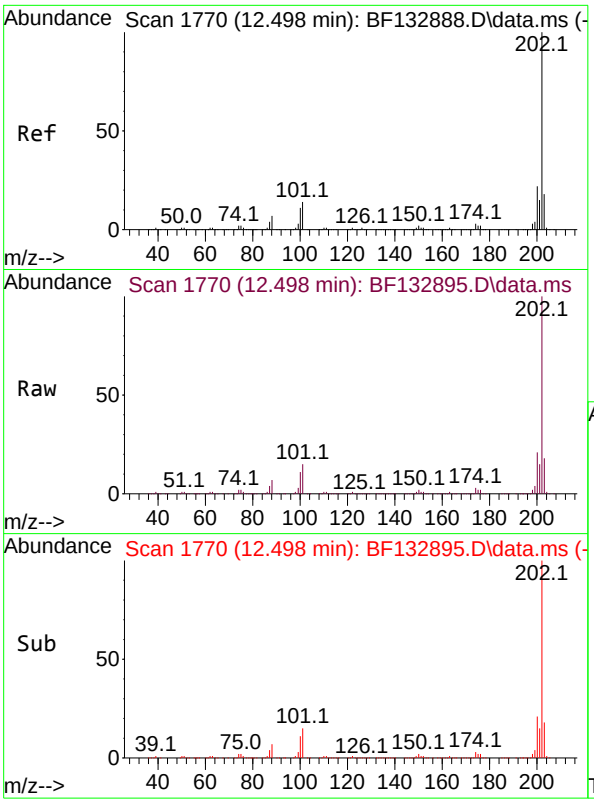


#74
Di-n-butylphthalate
Concen: 43.549 ng
RT: 11.857 min Scan# 1661
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:149 Resp: 2329423

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	5.1	4.2	6.2

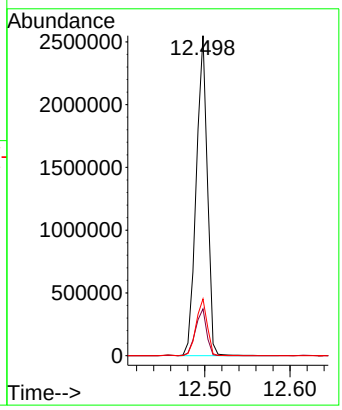




#75
Fluoranthene
Concen: 41.124 ng
RT: 12.498 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:202 Resp: 230376

Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	34.5
203	17.8	0.0	38.2



Instrument :
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ClientSampleId :
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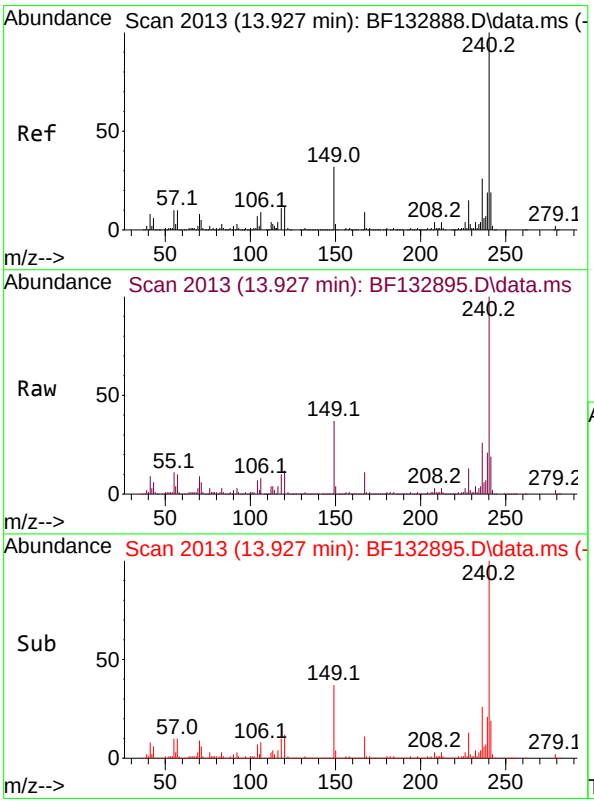
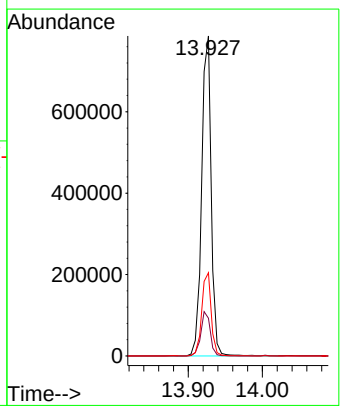
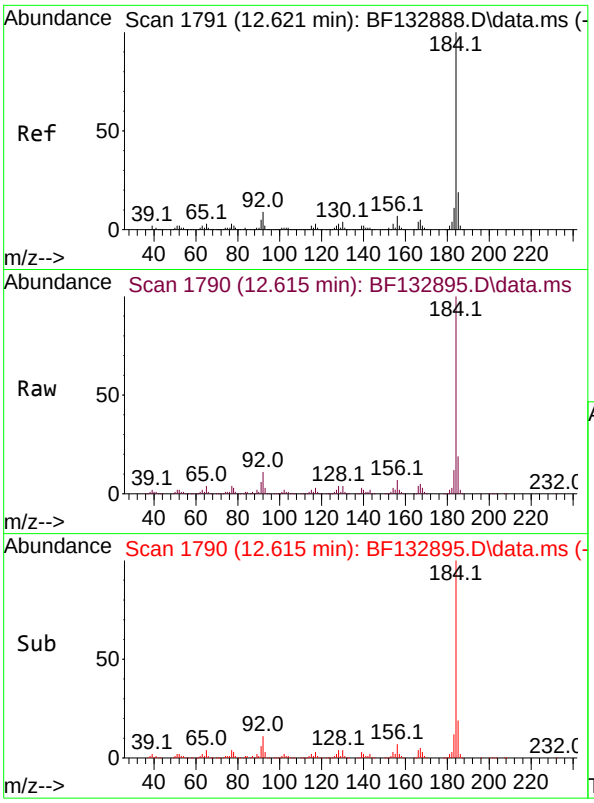


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:240 Resp: 703287

Ion	Ratio	Lower	Upper
240	100		
120	11.8	10.0	15.0
236	26.0	20.8	31.2

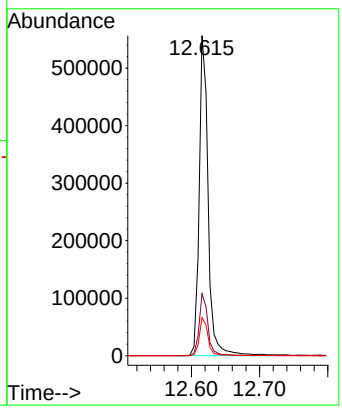




#77
Benzidine
Concen: 46.353 ng
RT: 12.615 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:184 Resp: 50782

Ion	Ratio	Lower	Upper
184	100		
185	19.3	14.9	22.3
183	11.9	9.0	13.6



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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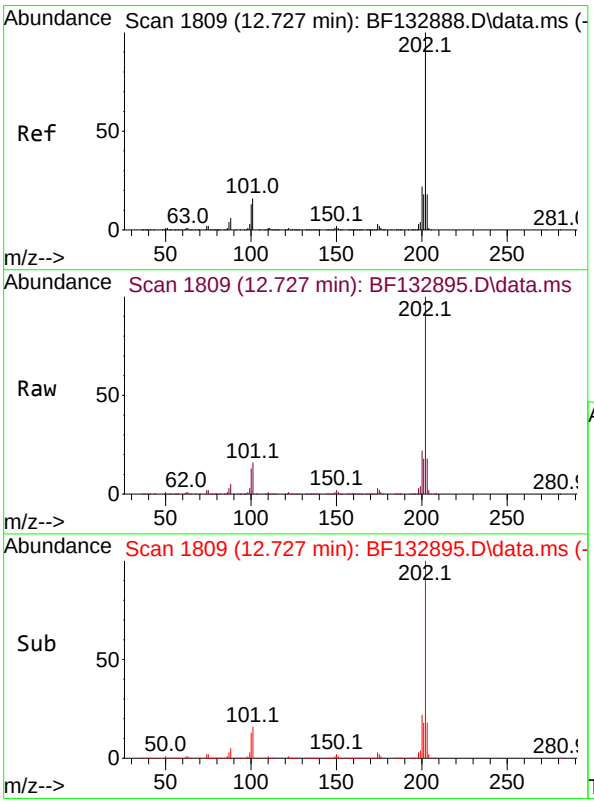
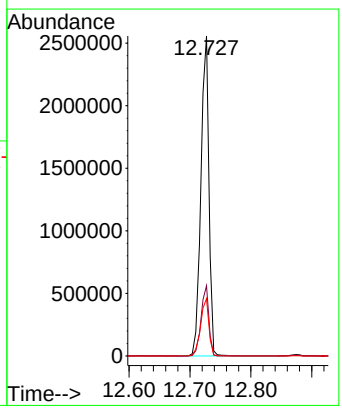
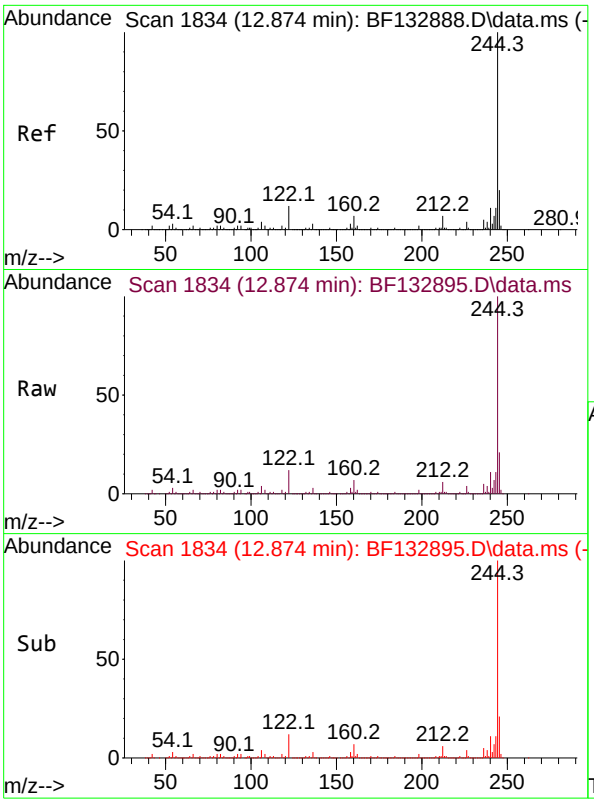


#78
Pyrene
Concen: 40.694 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:202 Resp: 2340188

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	17.9	14.6	22.0

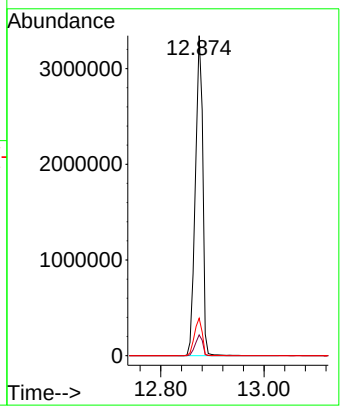




#79
Terphenyl-d14
Concen: 80.317 ng
RT: 12.874 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:244 Resp: 331088

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	11.7	9.6	14.4



Instrument :
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ClientSampleId :
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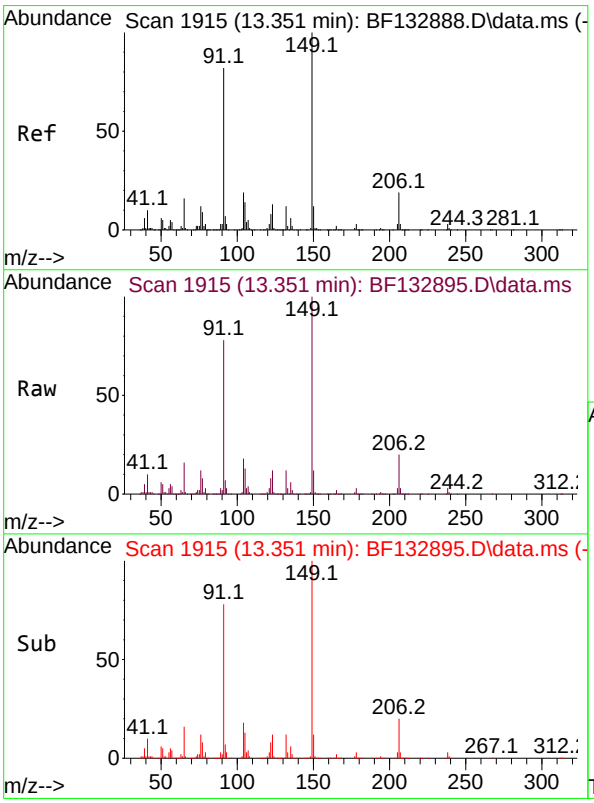
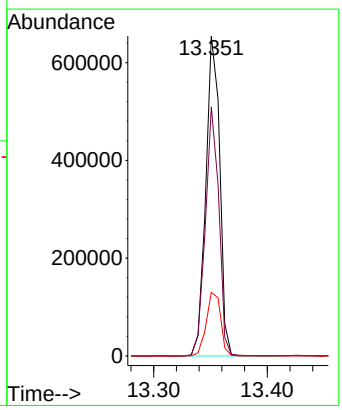
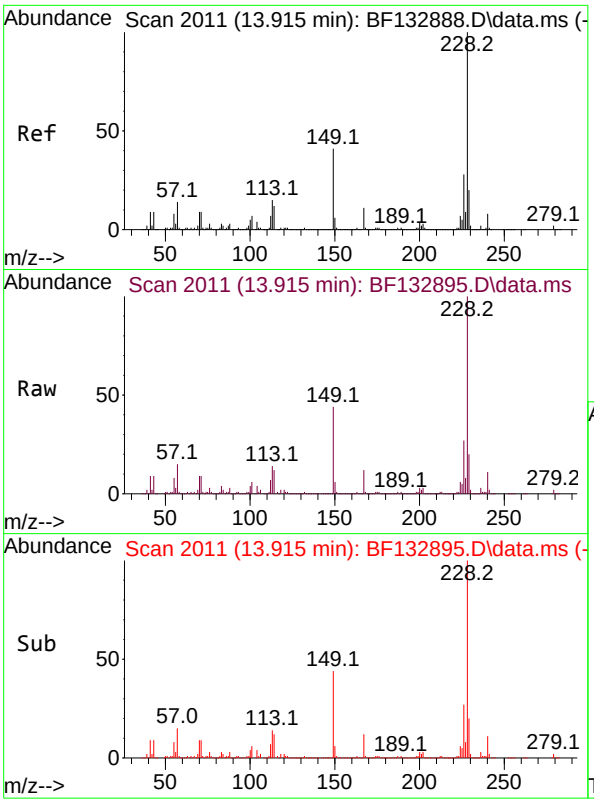


#80
Butylbenzylphthalate
Concen: 40.878 ng
RT: 13.351 min Scan# 1915
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:149 Resp: 555459

Ion	Ratio	Lower	Upper
149	100		
91	77.9	65.4	98.0
206	19.9	15.6	23.4

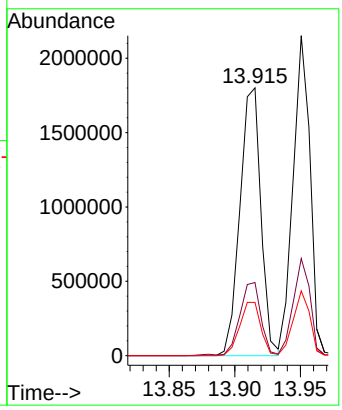




#81
Benzo(a)anthracene
Concen: 42.055 ng
RT: 13.915 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:228 Resp: 201143

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.4	33.6
229	19.9	16.2	24.2



Instrument :
BNA_F
ClientSampleId :
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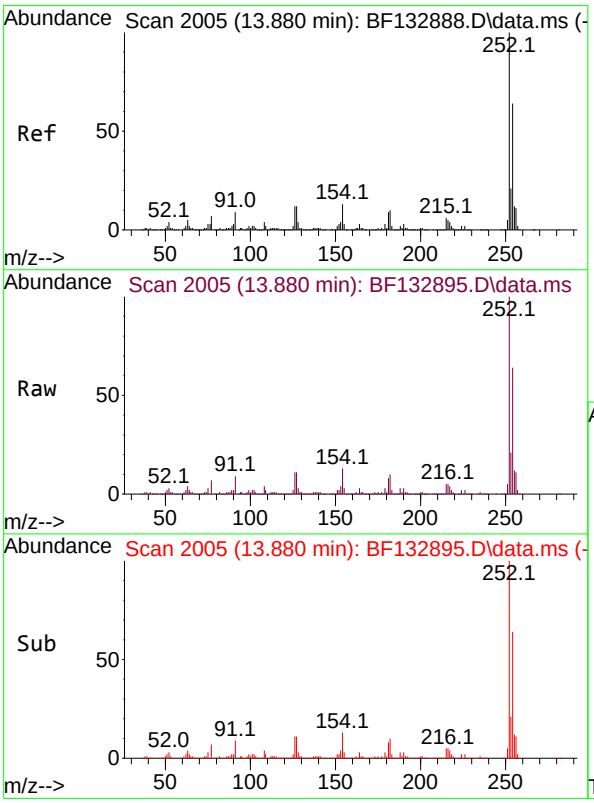
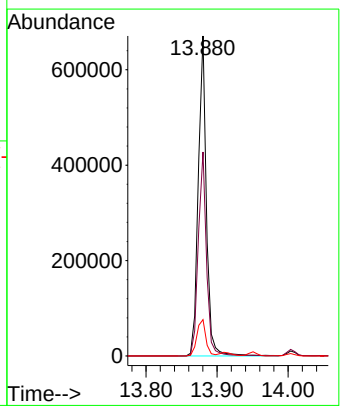
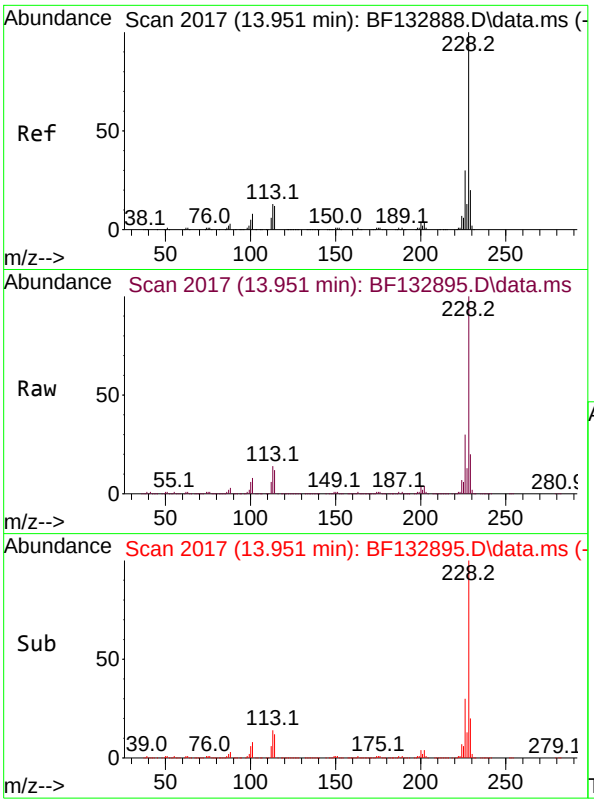


#82
3,3'-Dichlorobenzidine
Concen: 46.356 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:252 Resp: 536318

Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.0	76.6
126	11.4	9.8	14.6





#83
Chrysene
Concen: 40.944 ng
RT: 13.951 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:228 Resp: 194641

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.3	36.5
229	20.2	16.2	24.4

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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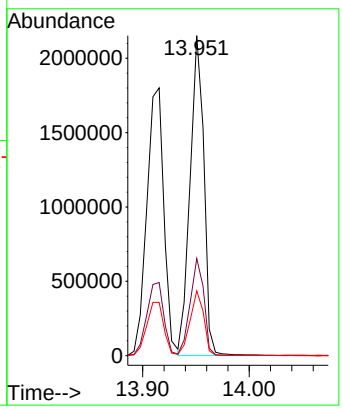
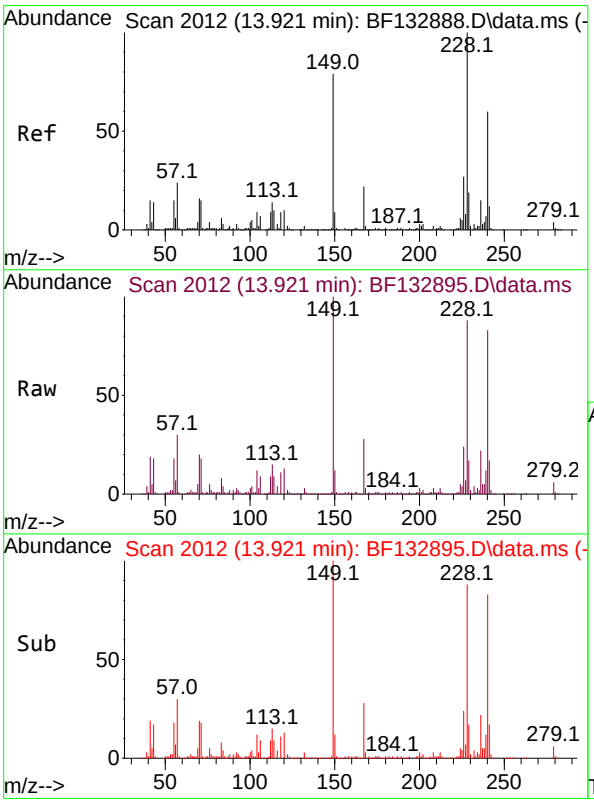
Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023

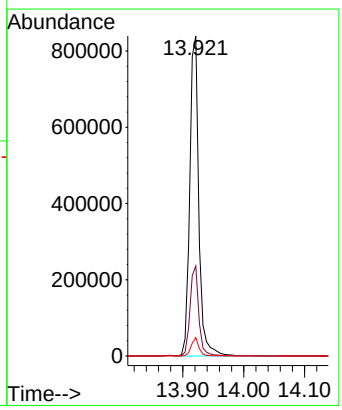


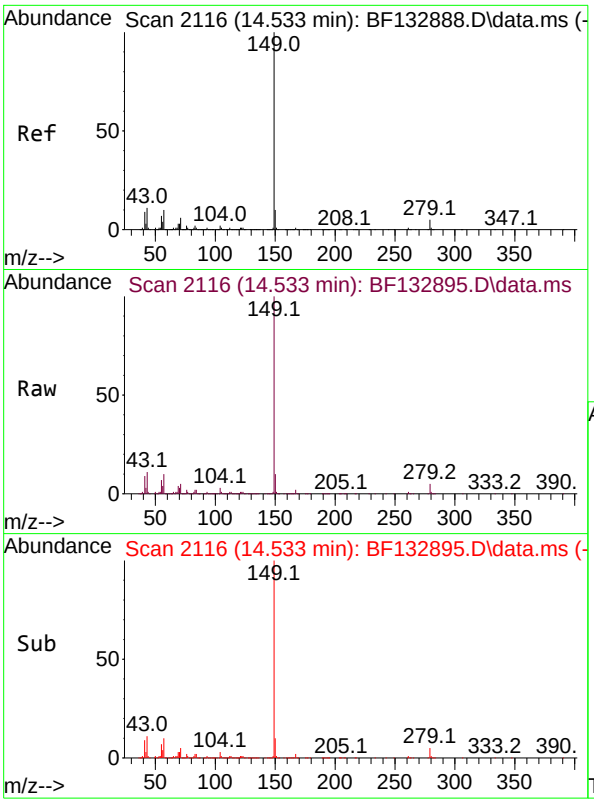


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.275 ng
RT: 13.921 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:149 Resp: 859970

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.2	33.4
279	5.7	4.2	6.2





#85
Di-n-octyl phthalate
Concen: 41.273 ng
RT: 14.533 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:149 Resp: 159104

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	13.9	11.5	17.3

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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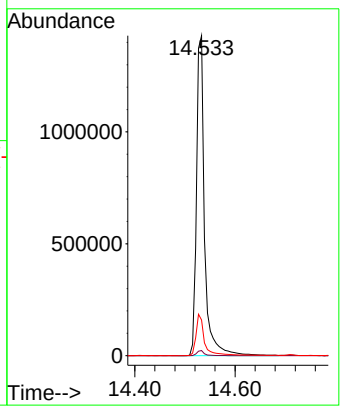
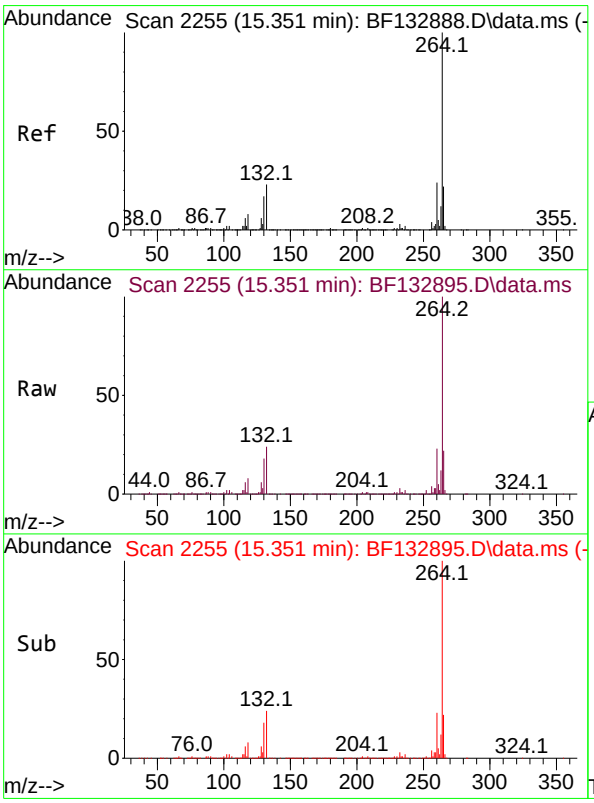
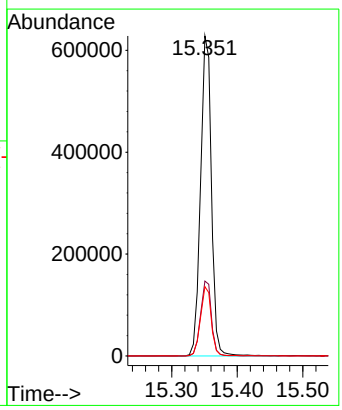


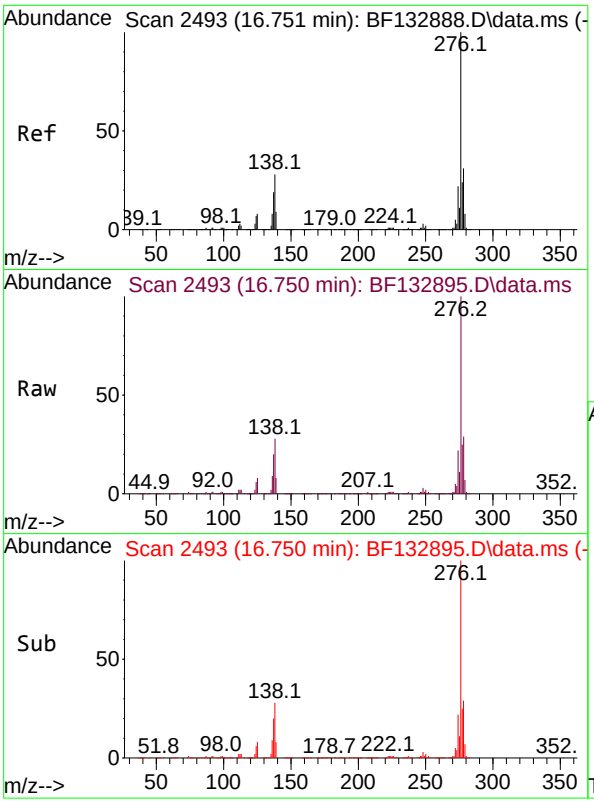


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.351 min Scan# 2255
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:264 Resp: 726802

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	21.7	17.7	26.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.024 ng
RT: 16.750 min Scan# 24
Delta R.T. -0.001 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:276 Resp: 174523

Ion	Ratio	Lower	Upper
276	100		
138	31.9	25.5	38.3
277	25.5	20.3	30.5

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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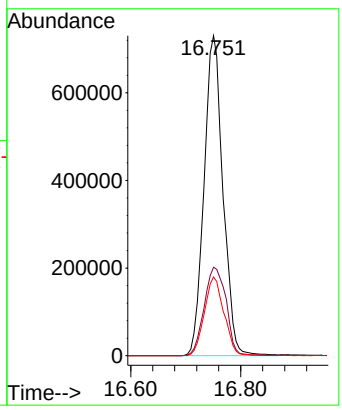
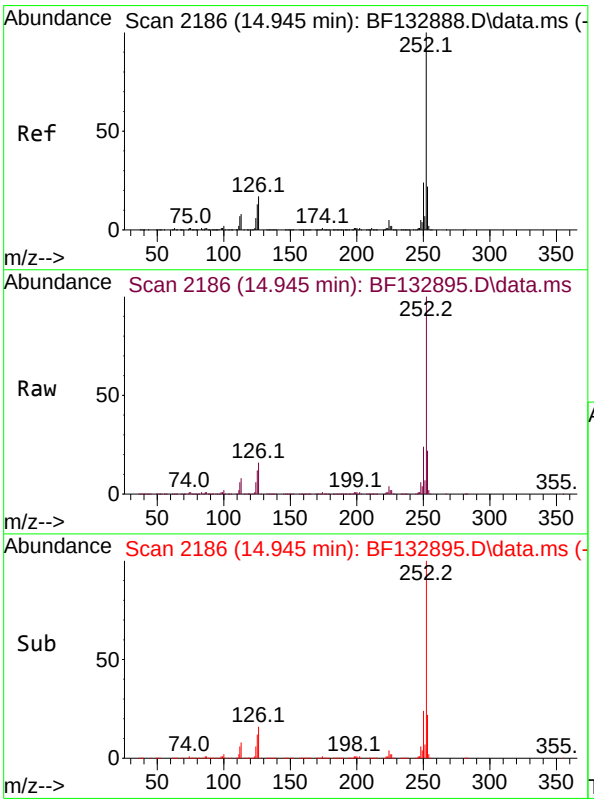
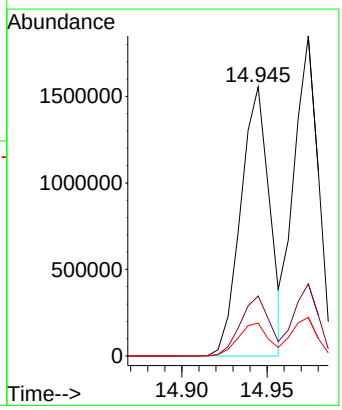


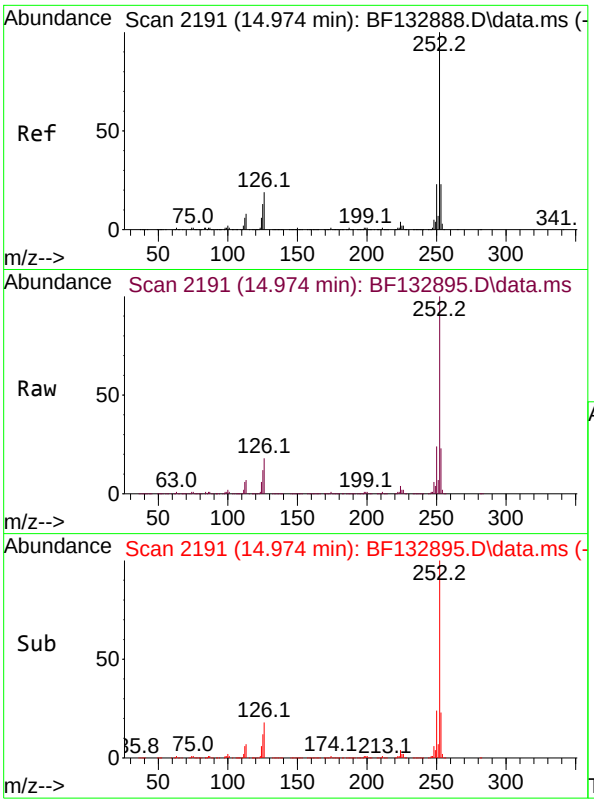


#88
Benzo(b)fluoranthene
Concen: 40.513 ng
RT: 14.945 min Scan# 2186
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:252 Resp: 1834153

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	12.2	10.0	15.0

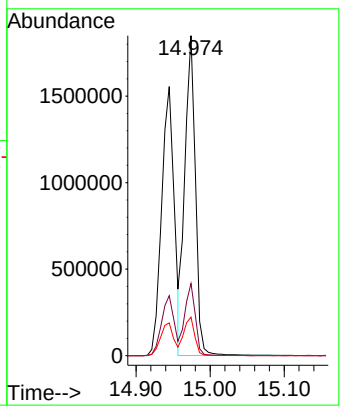




#89
Benzo(k)fluoranthene
Concen: 41.236 ng
RT: 14.974 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:252 Resp: 185969

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	12.1	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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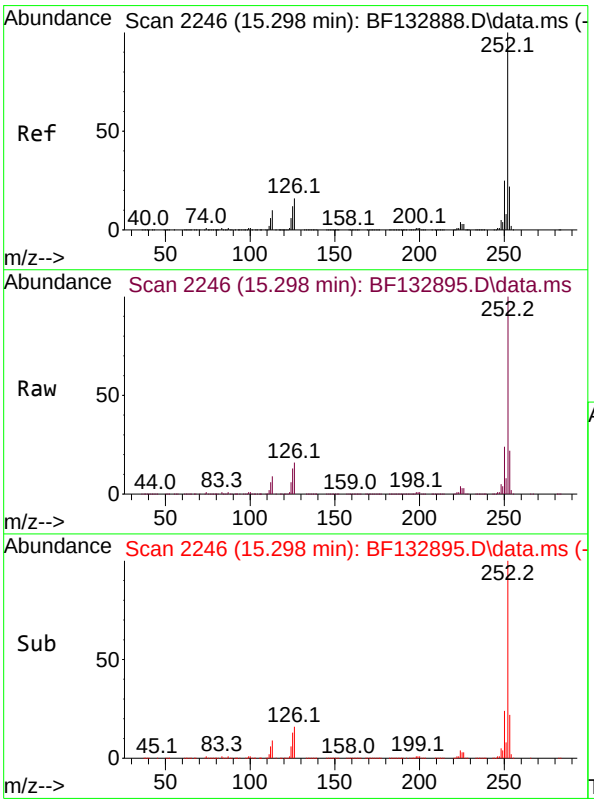
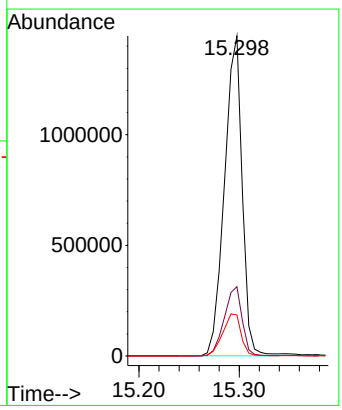
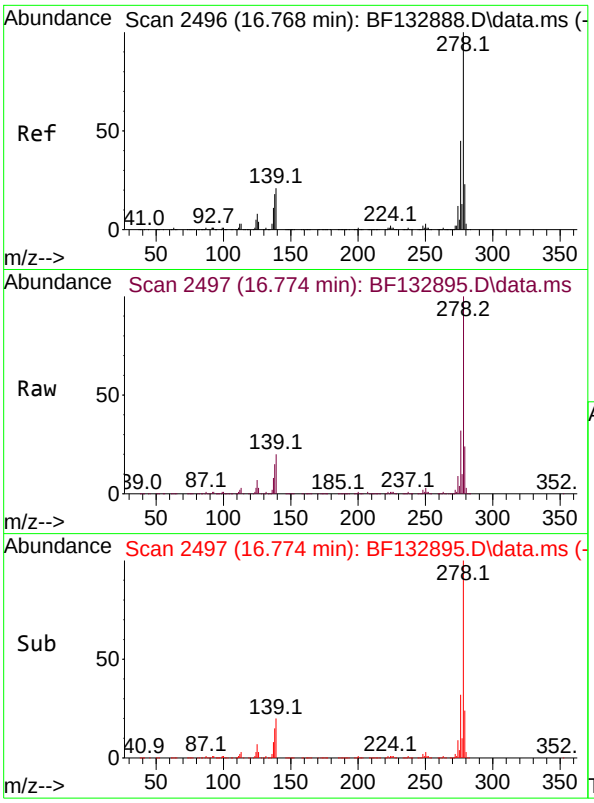


#90
Benzo(a)pyrene
Concen: 42.496 ng
RT: 15.298 min Scan# 2246
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:252 Resp: 1757661

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	12.8	9.9	14.9

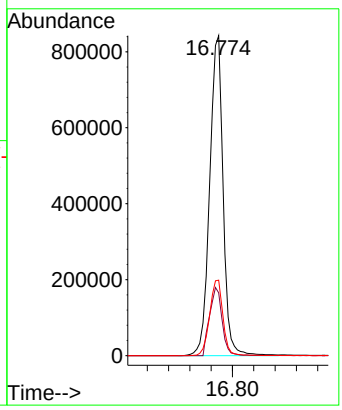




#91
Dibenzo(a,h)anthracene
Concen: 41.786 ng
RT: 16.774 min Scan# 24
Delta R.T. 0.006 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:278 Resp: 147864

Ion	Ratio	Lower	Upper
278	100		
139	19.7	16.7	25.1
279	23.6	18.4	27.6



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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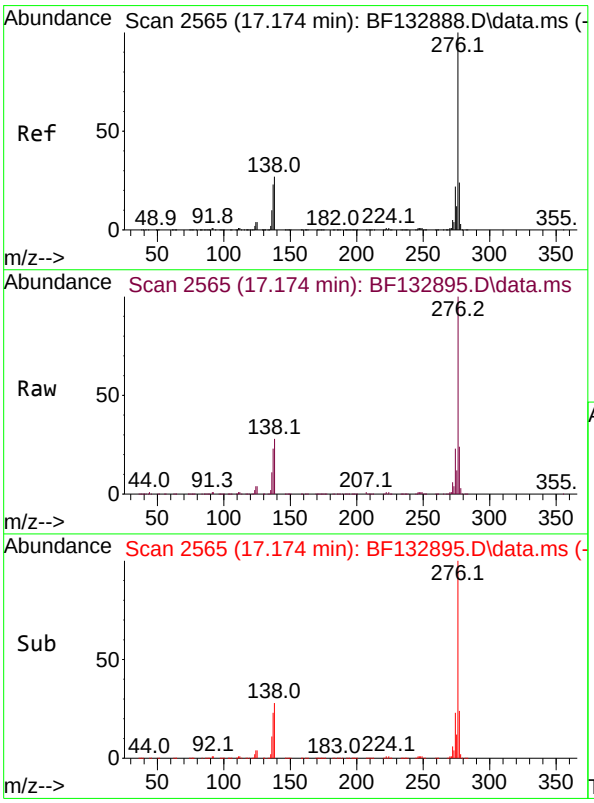
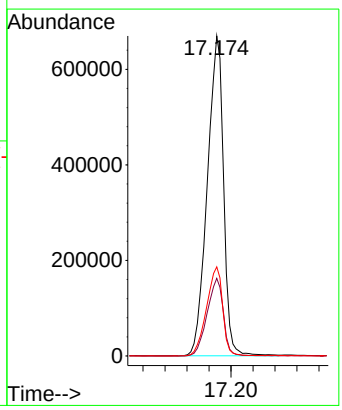


#92
Benzo(g,h,i)perylene
Concen: 40.690 ng
RT: 17.174 min Scan# 2565
Delta R.T. -0.000 min
Lab File: BF132895.D
Acq: 18 Apr 2023 10:29

Tgt Ion:276 Resp: 1378590

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.9	28.3
138	27.8	21.7	32.5