Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
Data File : BF130963.D
Acq On : 03 Nov 2022 15:07
Operator : CG\JU
Sample : N5380-07MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Quant Time: Nov 03 17:57:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 03 03:37:09 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	69998	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	229848	20.000	ng		0.00
39) Acenaphthene-d10	9.969	164	87749	20.000	ng		0.00
64) Phenanthrene-d10	11.463	188	141384	20.000	ng		0.00
76) Chrysene-d12	14.116	240	141005	20.000	ng		0.00
86) Perylene-d12	15.627	264	135765	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.546	112	385882	95.570	ng		0.00
7) Phenol-d6	6.551	99	634790	120.982	ng		0.00
23) Nitrobenzene-d5	7.487	82	408630	107.201	ng		0.00
42) 2,4,6-Tribromophenol	10.763	330	104540	141.525	ng		0.00
45) 2-Fluorobiphenyl	9.287	172	477106	82.204	ng		0.00
79) Terphenyl-d14	13.051	244	496198	64.484	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.793	88	90929	50.229	ng		93
3) Pyridine	3.552	79	226941	44.757	ng		99
4) n-Nitrosodimethylamine	3.516	42	145293	51.043	ng	#	100
6) Aniline	6.587	93	286096	44.096	ng		99
8) 2-Chlorophenol	6.710	128	226427	50.341	ng		97
9) Benzaldehyde	6.475	77	175147	52.154	ng		94
10) Phenol	6.563	94	288314	51.062	ng		95
11) bis(2-Chloroethyl)ether	6.657	93	228696	51.958	ng		97
12) 1,3-Dichlorobenzene	6.863	146	262549	51.512	ng		98
13) 1,4-Dichlorobenzene	6.940	146	261573	50.560	ng		99
14) 1,2-Dichlorobenzene	7.093	146	247532	51.662	ng		99
15) Benzyl Alcohol	7.063	79	186113	41.714	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.198	45	371415	47.339	ng		95
17) 2-Methylphenol	7.175	107	185822	48.335	ng		98
18) Hexachloroethane	7.440	117	97208	51.989	ng		93
19) n-Nitroso-di-n-propyla...	7.334	70	157805	44.203	ng		99
20) 3+4-Methylphenols	7.322	107	211849	42.382	ng	#	86
22) Acetophenone	7.334	105	311225	55.848	ng		97
24) Nitrobenzene	7.510	77	245260	58.842	ng		91
25) Isophorone	7.745	82	417326	53.092	ng		99
26) 2-Nitrophenol	7.822	139	108167	64.304	ng		94
27) 2,4-Dimethylphenol	7.857	122	184353	56.354	ng		98
28) bis(2-Chloroethoxy)met...	7.957	93	247994	56.491	ng		99
29) 2,4-Dichlorophenol	8.063	162	163594	48.612	ng		98
30) 1,2,4-Trichlorobenzene	8.151	180	186137	51.437	ng		96
31) Naphthalene	8.234	128	570442	47.569	ng		99
32) Benzoic acid	7.963	122	98418	43.238	ng		95
33) 4-Chloroaniline	8.281	127	171558	36.204	ng		97
34) Hexachlorobutadiene	8.345	225	107974	44.948	ng		99
35) Caprolactam	8.639	113	30868	28.623	ng		94
36) 4-Chloro-3-methylphenol	8.757	107	126858	34.752	ng		99
37) 2-Methylnaphthalene	8.922	142	267329	35.440	ng		97
38) 1-Methylnaphthalene	9.022	142	245965	33.506	ng		98
40) 1,2,4,5-Tetrachloroben...	9.087	216	135022	54.261	ng		99
41) Hexachlorocyclopentadiene	9.075	237	90597	69.292	ng		98
43) 2,4,6-Trichlorophenol	9.198	196	82107	47.485	ng		98

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Sample : N5380-07MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Quant Time: Nov 03 17:57:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 03 03:37:09 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.239	196	87150	47.175	ng		97
46) 1,1'-Biphenyl	9.386	154	317674	50.814	ng		98
47) 2-Chloronaphthalene	9.416	162	246718	49.216	ng		96
48) 2-Nitroaniline	9.510	65	87588	53.789	ng		100
49) Acenaphthylene	9.834	152	382856	48.330	ng		99
50) Dimethylphthalate	9.686	163	283827	47.092	ng		99
51) 2,6-Dinitrotoluene	9.751	165	59844	51.987	ng		93
52) Acenaphthene	10.004	154	254475	51.950	ng		99
53) 3-Nitroaniline	9.922	138	56778	48.365	ng	#	90
54) 2,4-Dinitrophenol	10.028	184	36087	69.980	ng		86
55) Dibenzofuran	10.175	168	316364	44.557	ng		97
56) 4-Nitrophenol	10.081	139	96664	103.993	ng		93
57) 2,4-Dinitrotoluene	10.157	165	78382	53.952	ng		96
58) Fluorene	10.522	166	245806	43.966	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	66530	43.682	ng		99
60) Diethylphthalate	10.386	149	273524	46.145	ng		97
61) 4-Chlorophenyl-phenyle...	10.510	204	125865	47.059	ng		99
62) 4-Nitroaniline	10.533	138	56203	47.280	ng		96
63) Azobenzene	10.675	77	265046	42.835	ng		96
65) 4,6-Dinitro-2-methylph...	10.563	198	24149	42.047	ng		86
66) n-Nitrosodiphenylamine	10.628	169	223027	50.573	ng		99
67) 4-Bromophenyl-phenylether	11.004	248	75721	53.256	ng		95
68) Hexachlorobenzene	11.069	284	82239	52.496	ng		95
69) Atrazine	11.157	200	75687	59.429	ng		97
70) Pentachlorophenol	11.263	266	84840	94.907	ng		97
71) Phenanthrene	11.486	178	358479	49.125	ng		100
72) Anthracene	11.539	178	366423	50.909	ng		99
73) Carbazole	11.692	167	333420	51.728	ng		100
74) Di-n-butylphthalate	12.022	149	410318	52.416	ng		99
75) Fluoranthene	12.680	202	426274	54.980	ng		99
77) Benzidine	12.804	184	258461	75.510	ng		98
78) Pyrene	12.910	202	451008	37.912	ng		99
80) Butylbenzylphthalate	13.527	149	200581	46.865	ng		94
81) Benzo(a)anthracene	14.104	228	461922	49.411	ng		100
82) 3,3'-Dichlorobenzidine	14.069	252	162016	64.212	ng	#	94
83) Chrysene	14.145	228	432123	47.920	ng		99
84) Bis(2-ethylhexyl)phtha...	14.086	149	279759	54.364	ng	#	100
85) Di-n-octyl phthalate	14.704	149	502060	70.690	ng		100
87) Indeno(1,2,3-cd)pyrene	17.168	276	365595	40.550	ng		97
88) Benzo(b)fluoranthene	15.180	252	437547	49.856	ng		99
89) Benzo(k)fluoranthene	15.210	252	435993	50.982	ng		99
90) Benzo(a)pyrene	15.563	252	377667	53.532	ng		98
91) Dibenzo(a,h)anthracene	17.192	278	312228	42.482	ng		97
92) Benzo(g,h,i)perylene	17.639	276	284751	37.976	ng		97

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

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Data File : BF130963.D
Acq On : 03 Nov 2022 15:07
Operator : CG\JU
Sample : N5380-07MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Quant Time: Nov 03 17:57:10 2022
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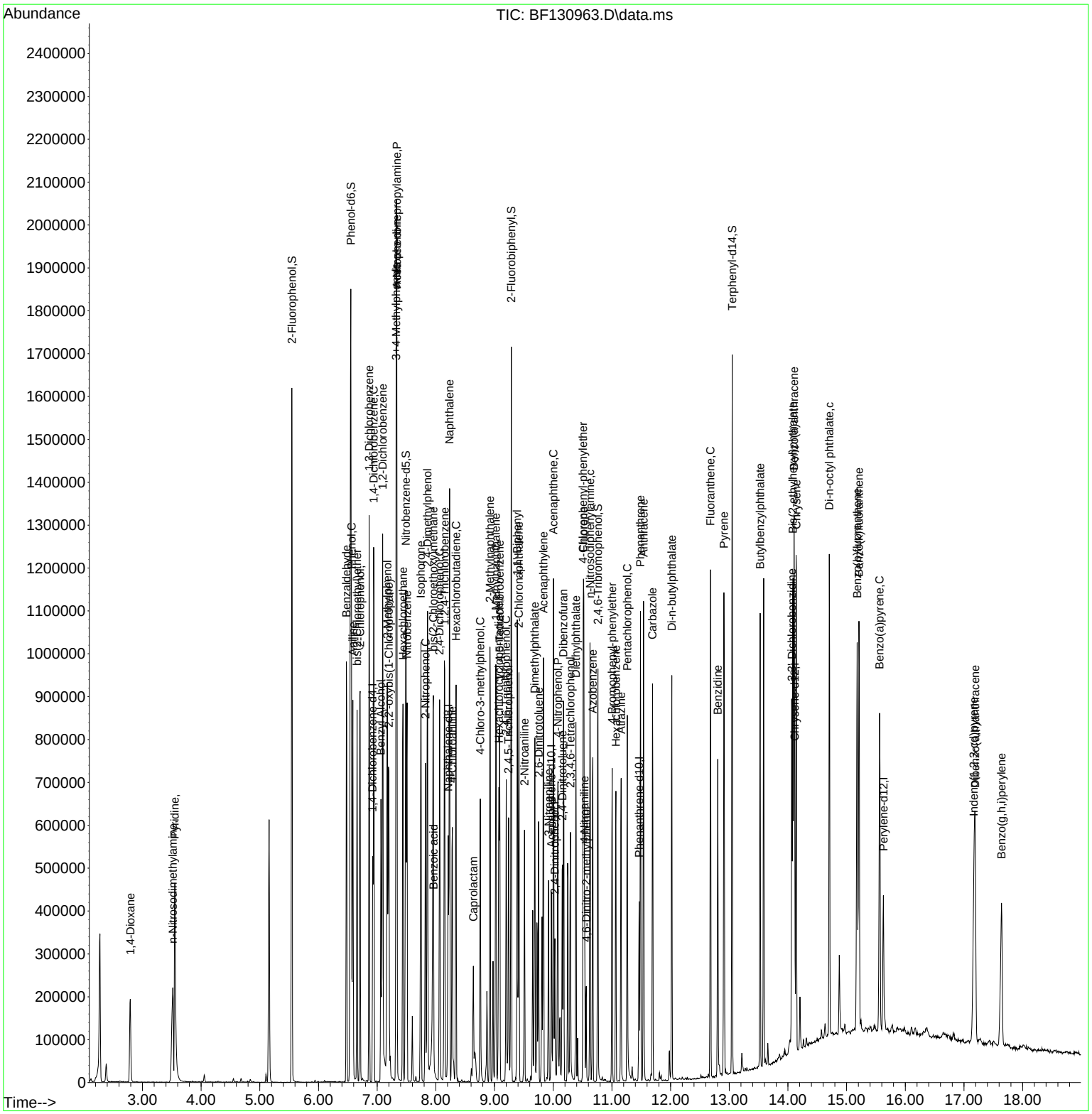
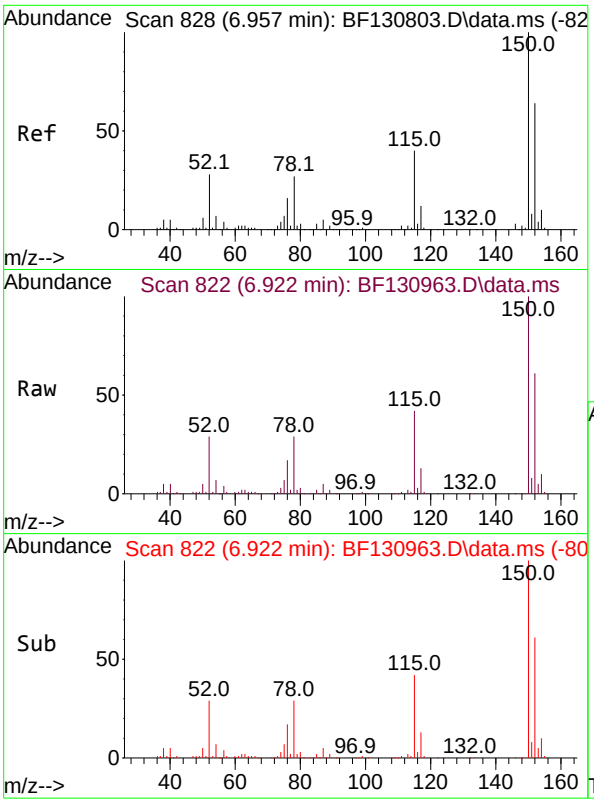
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 03 03:37:09 2022
Response via : Initial Calibration



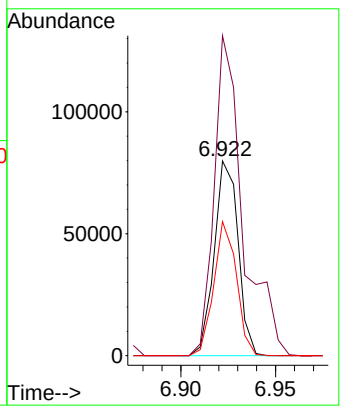


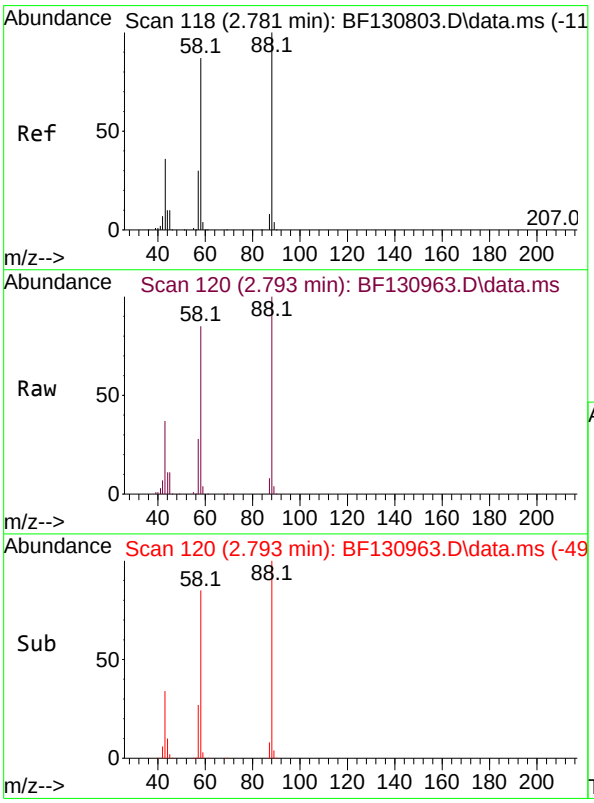
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion:152 Resp: 69998

Ion	Ratio	Lower	Upper
152	100		
150	164.3	124.1	186.1
115	68.9	50.1	75.1

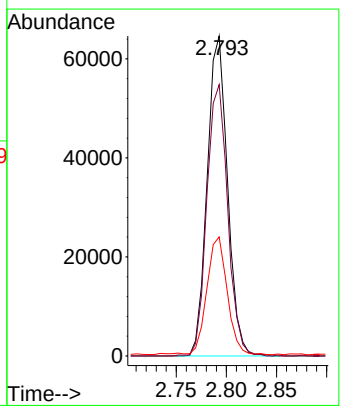


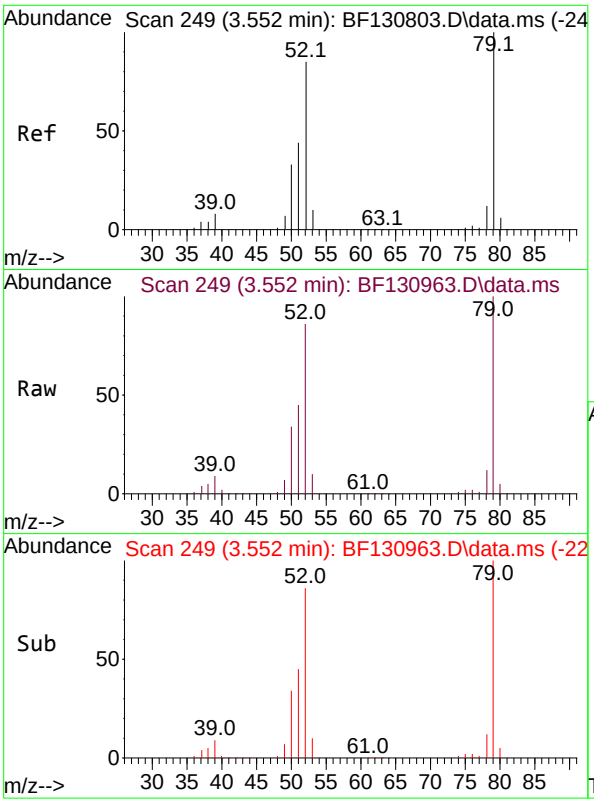


#2
1,4-Dioxane
Concen: 50.229 ng
RT: 2.793 min Scan# 120
Delta R.T. 0.065 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion: 88 Resp: 90929

Ion	Ratio	Lower	Upper
88	100		
58	87.1	64.7	97.1
43	37.3	26.5	39.7



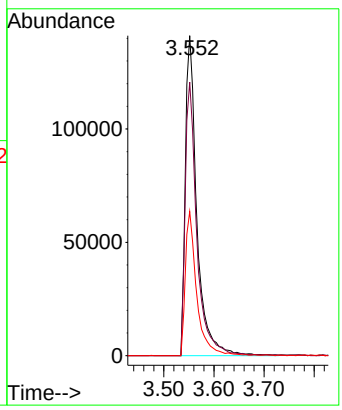


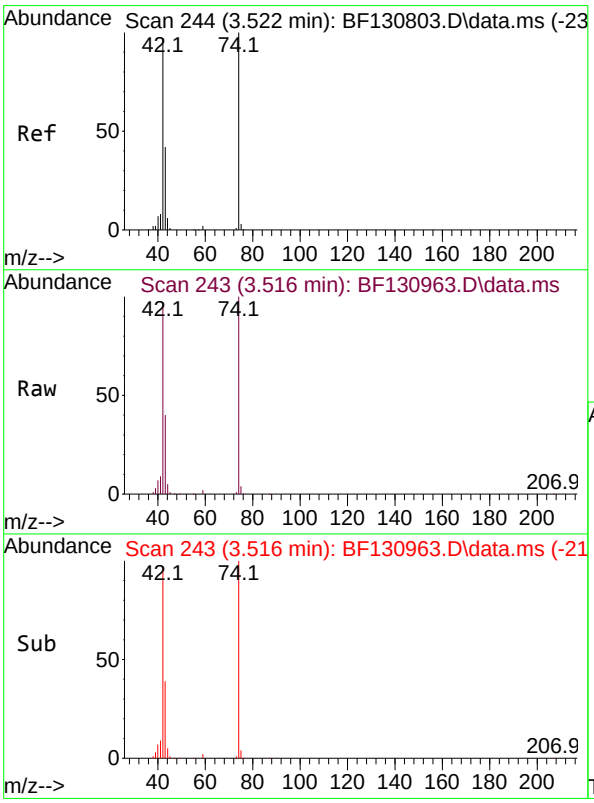
#3
Pyridine
Concen: 44.757 ng
RT: 3.552 min Scan# 24
Delta R.T. 0.053 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion: 79 Resp: 226941

Ion	Ratio	Lower	Upper
79	100		
52	85.5	68.2	102.4
51	45.1	35.2	52.8

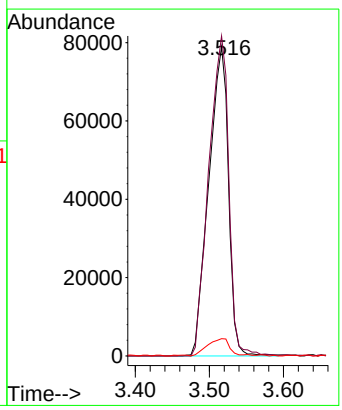


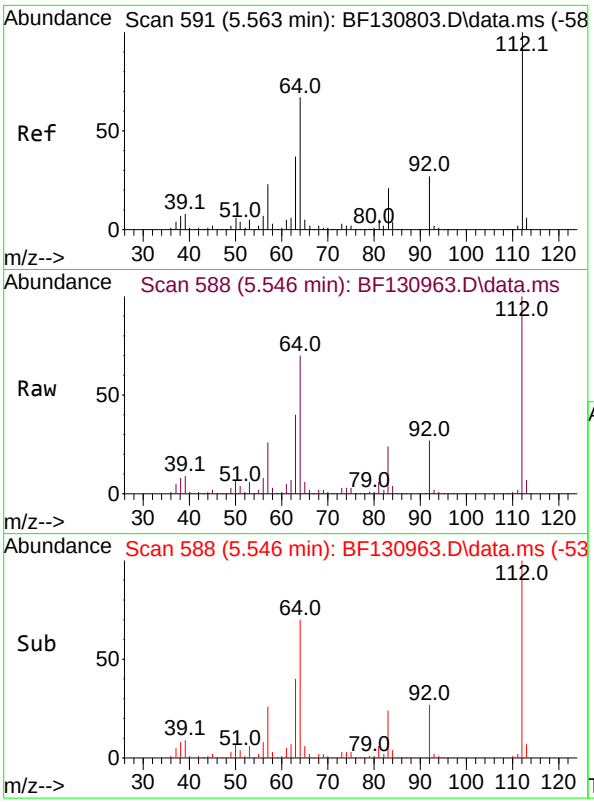


#4
n-Nitrosodimethylamine
Concen: 51.043 ng
RT: 3.516 min Scan# 243
Delta R.T. 0.047 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion: 42 Resp: 145293

Ion	Ratio	Lower	Upper
42	100		
74	103.5	82.8	124.2
44	5.6	6.0	9.0#



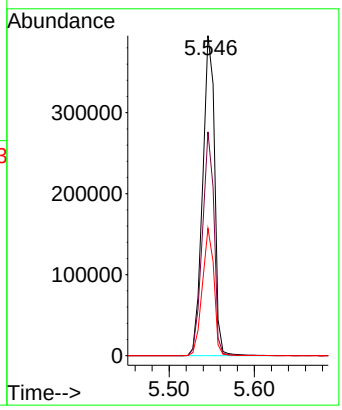


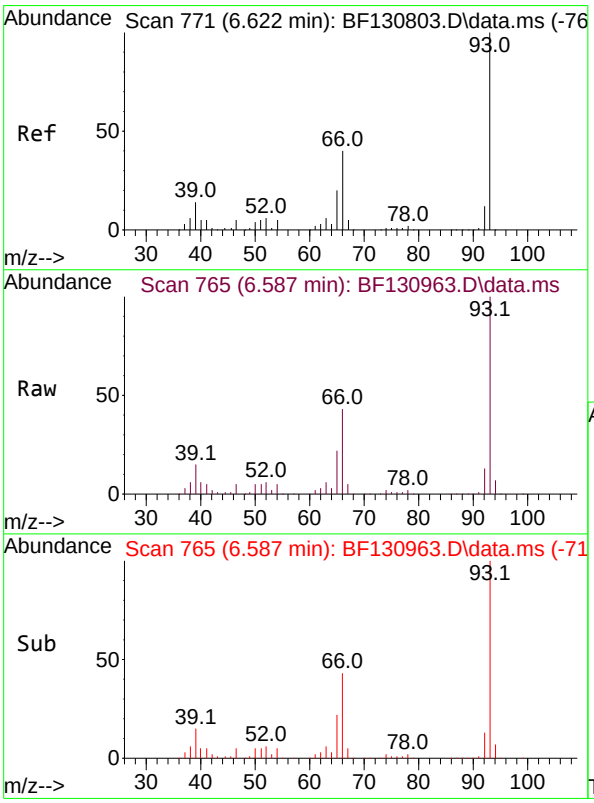
#5
2-Fluorophenol
Concen: 95.570 ng
RT: 5.546 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion:112 Resp: 385882

Ion	Ratio	Lower	Upper
112	100		
64	69.9	53.9	80.9
63	39.8	29.4	44.2

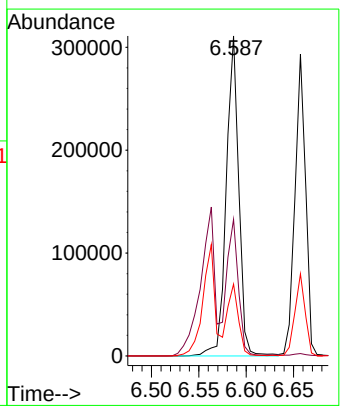


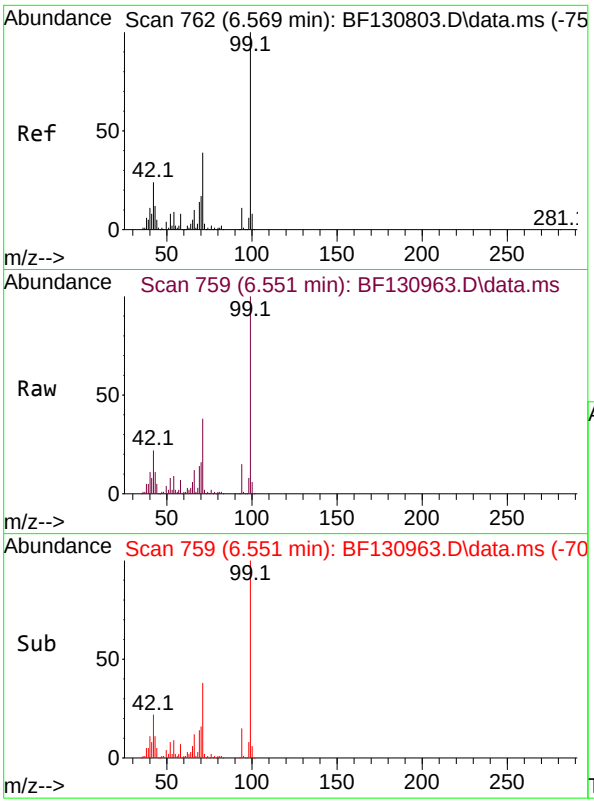


#6
Aniline
Concen: 44.096 ng
RT: 6.587 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion: 93 Resp: 286096

Ion	Ratio	Lower	Upper
93	100		
66	42.7	33.8	50.8
65	22.4	17.2	25.8



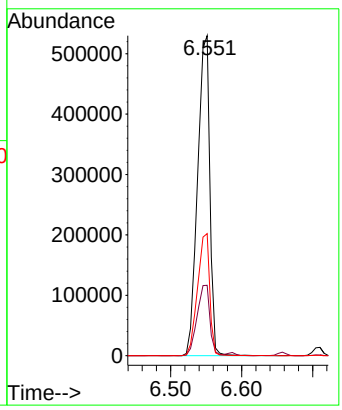


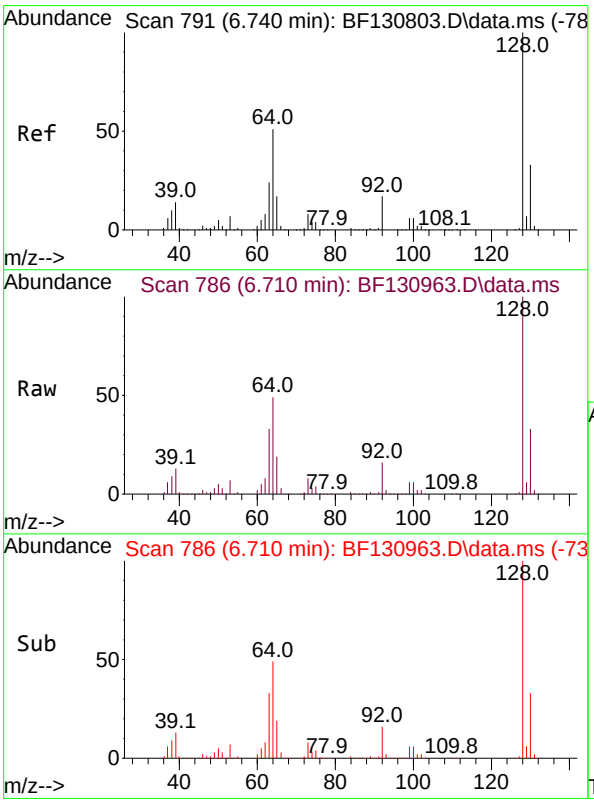
#7
Phenol-d6
Concen: 120.982 ng
RT: 6.551 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion: 99 Resp: 634790

Ion	Ratio	Lower	Upper
99	100		
42	22.0	18.8	28.2
71	38.1	31.4	47.0

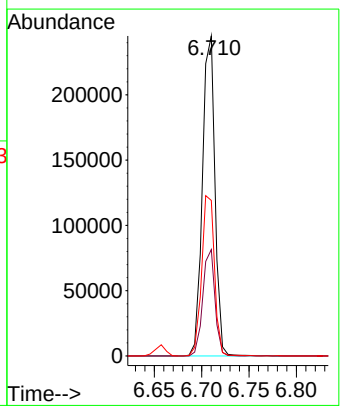


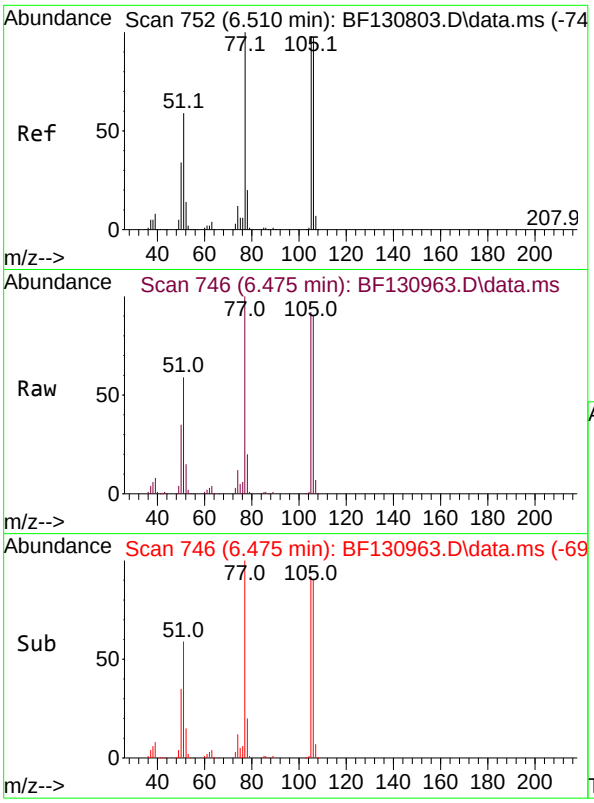


#8
2-Chlorophenol
Concen: 50.341 ng
RT: 6.710 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion:128 Resp: 226427

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.7	52.7
64	48.6	31.3	71.3



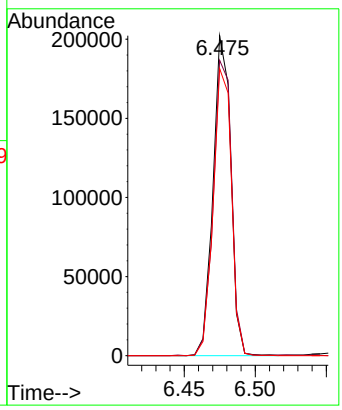


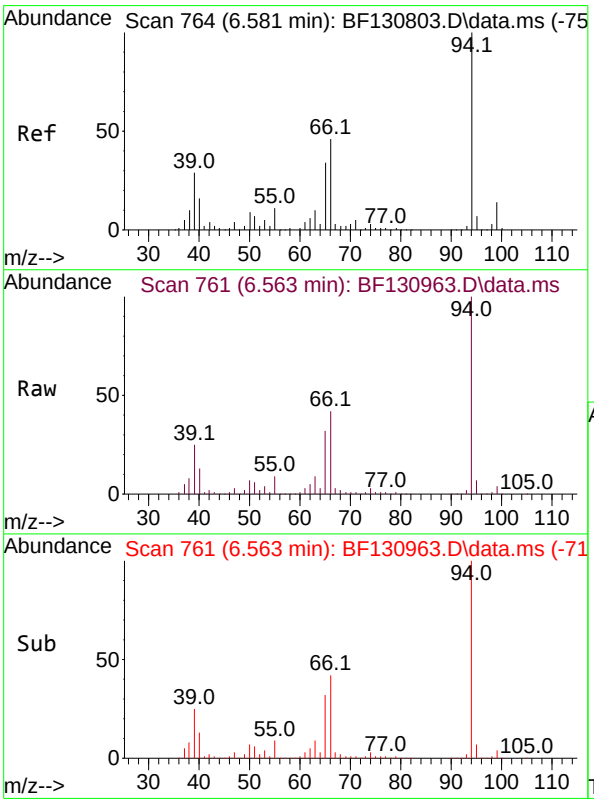
#9
Benzaldehyde
Concen: 52.154 ng
RT: 6.475 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion: 77 Resp: 175147

Ion	Ratio	Lower	Upper
77	100		
105	92.3	78.2	118.2
106	89.7	76.6	116.6

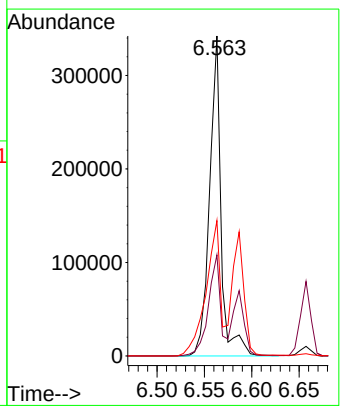


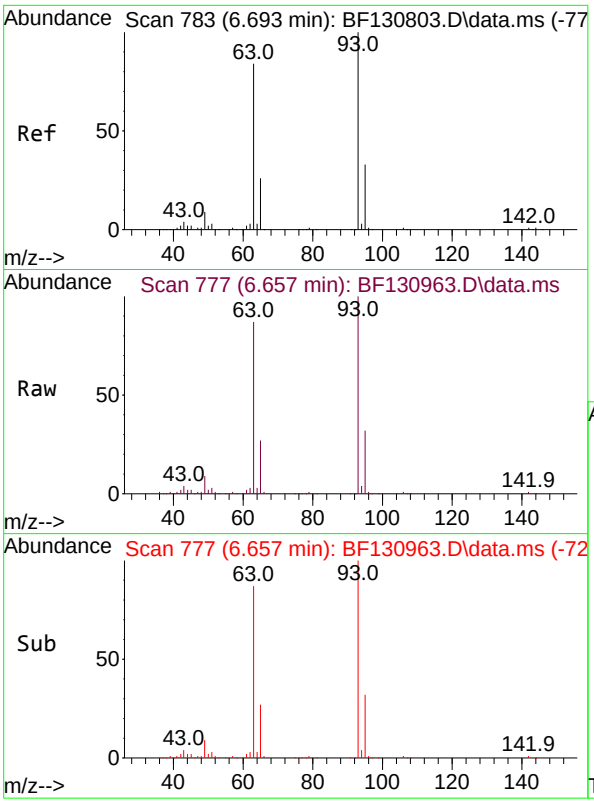


#10
Phenol
Concen: 51.062 ng
RT: 6.563 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion: 94 Resp: 288314

Ion	Ratio	Lower	Upper
94	100		
65	31.6	13.7	53.7
66	42.3	26.5	66.5



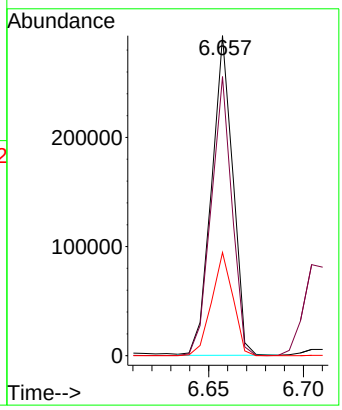


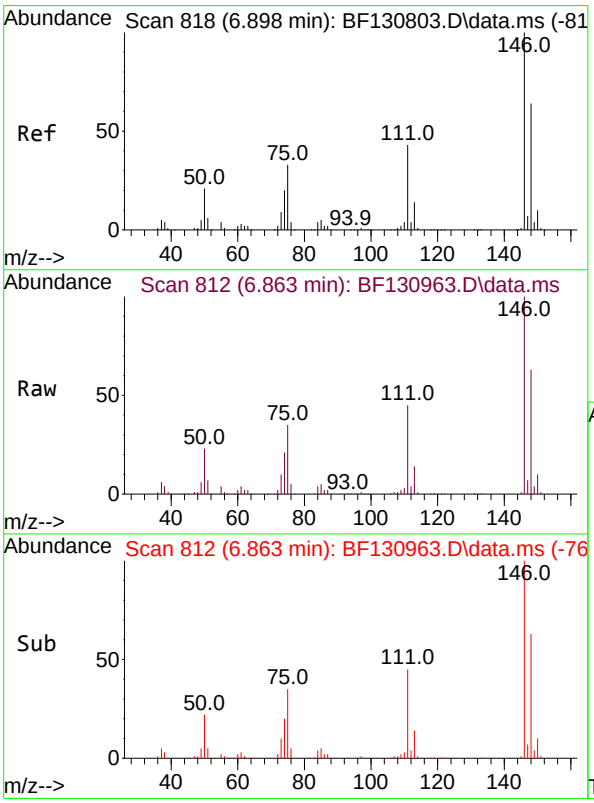
#11
bis(2-Chloroethyl)ether
Concen: 51.958 ng
RT: 6.657 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion: 93 Resp: 228696

Ion	Ratio	Lower	Upper
93	100		
63	87.2	63.4	103.4
95	32.2	12.6	52.6

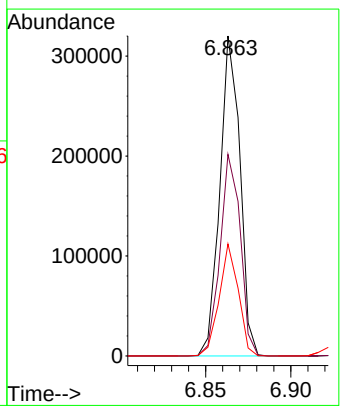


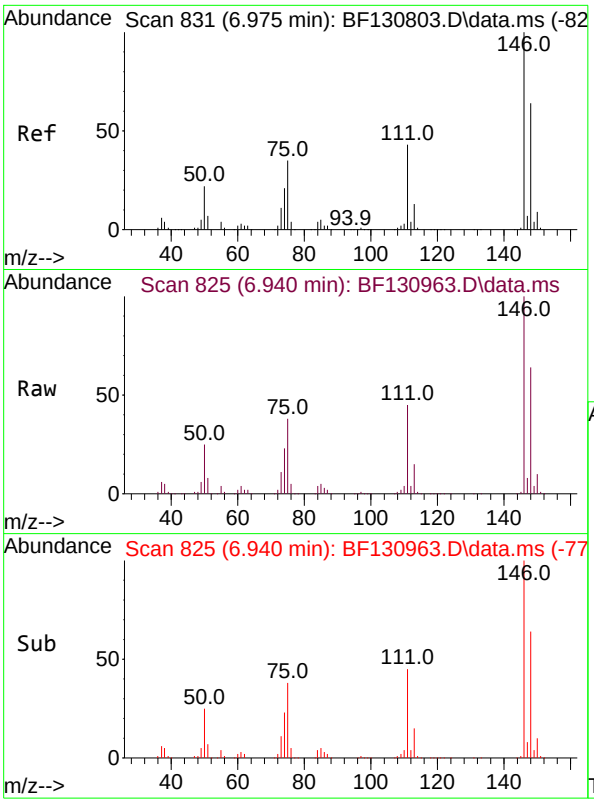


#12
1,3-Dichlorobenzene
Concen: 51.512 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion:146 Resp: 262549

Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.4	77.0
75	35.0	26.6	40.0



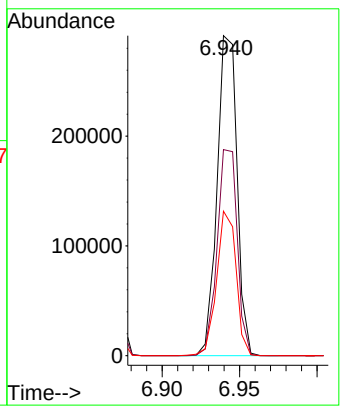


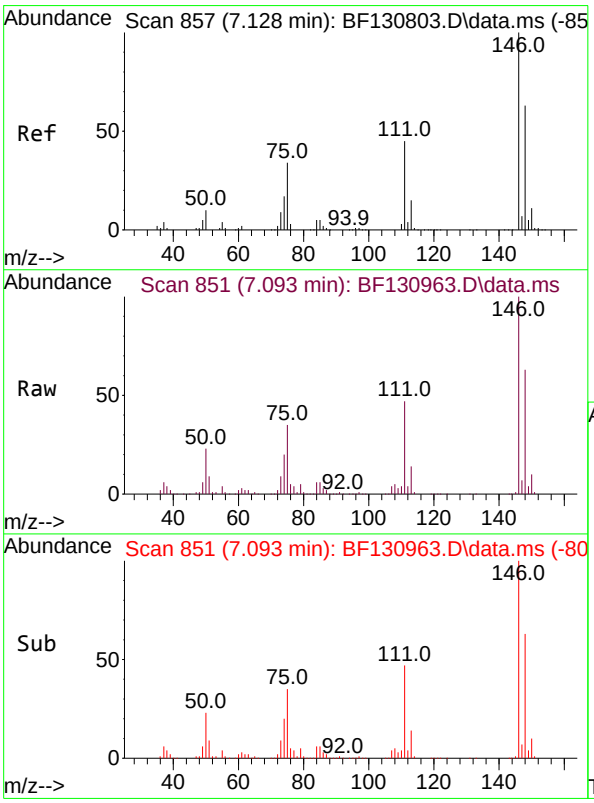
#13
1,4-Dichlorobenzene
Concen: 50.560 ng
RT: 6.940 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion:146 Resp: 261573

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.3	76.9
111	45.2	34.6	51.8

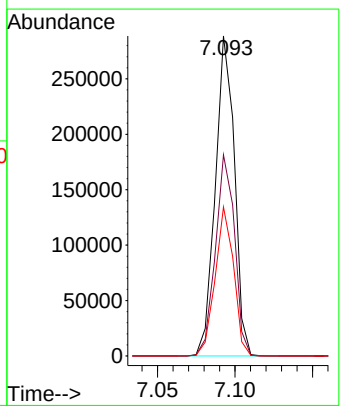


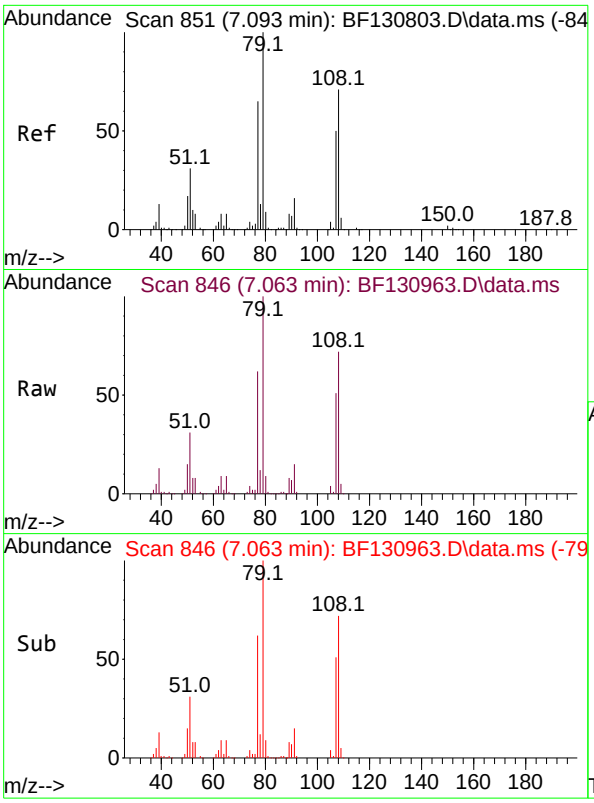


#14
1,2-Dichlorobenzene
Concen: 51.662 ng
RT: 7.093 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion:146 Resp: 247532

Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	76.0
111	46.6	36.3	54.5



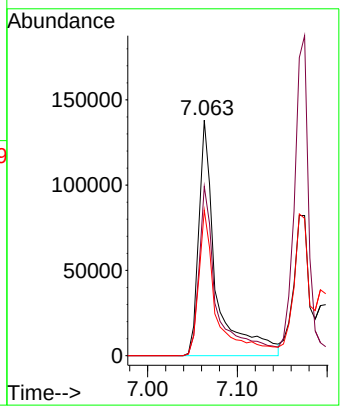


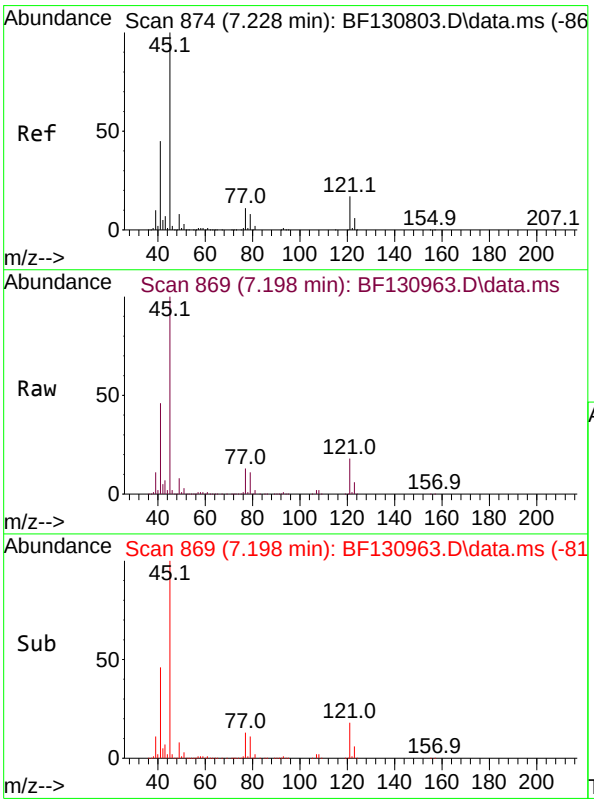
#15
Benzyl Alcohol
Concen: 41.714 ng
RT: 7.063 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion: 79 Resp: 186113

Ion	Ratio	Lower	Upper
79	100		
108	71.9	56.4	84.6
77	61.8	51.8	77.8

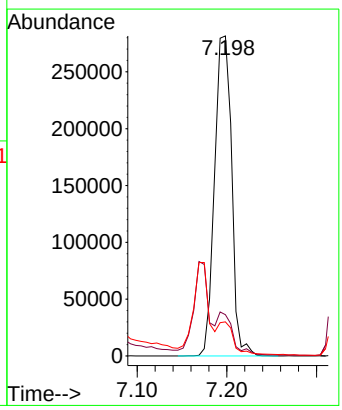


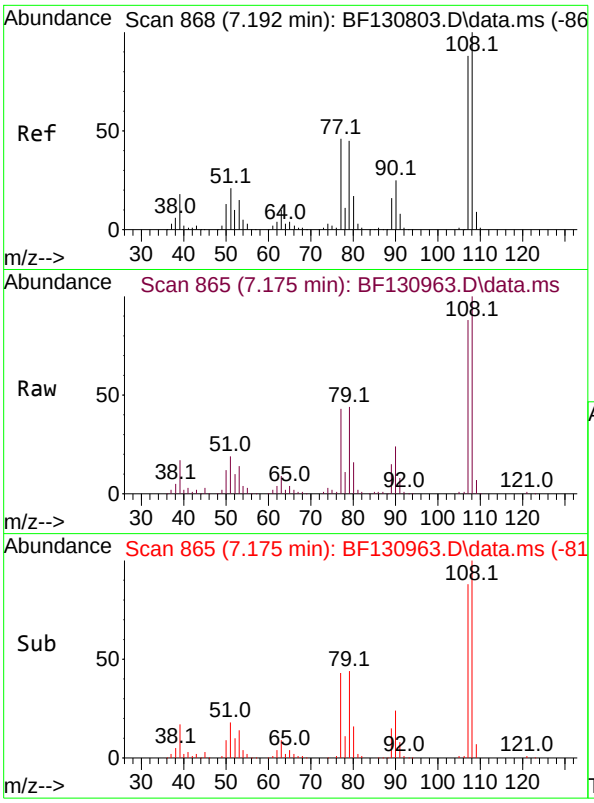


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.339 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion: 45 Resp: 371415

Ion	Ratio	Lower	Upper
45	100		
77	12.9	0.0	31.2
79	10.6	0.0	28.4



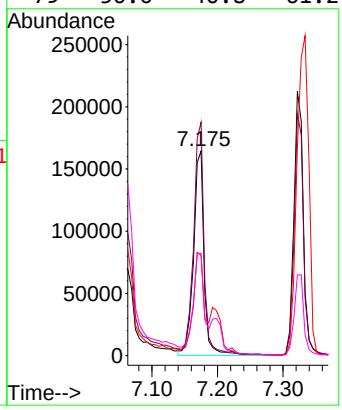


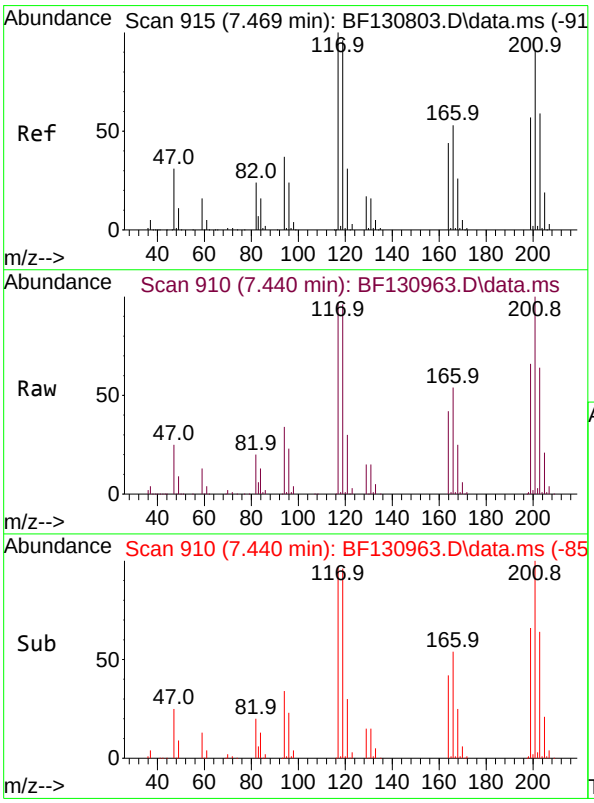
#17
2-Methylphenol
Concen: 48.335 ng
RT: 7.175 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion:107 Resp: 185822

Ion	Ratio	Lower	Upper
107	100		
108	114.1	90.5	135.7
77	49.0	41.2	61.8
79	50.0	40.8	61.2

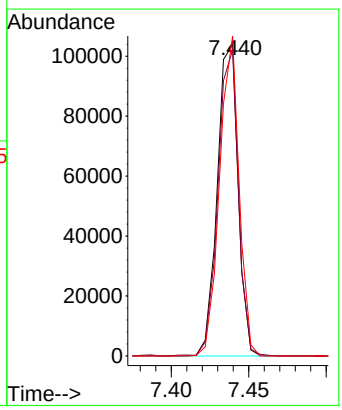


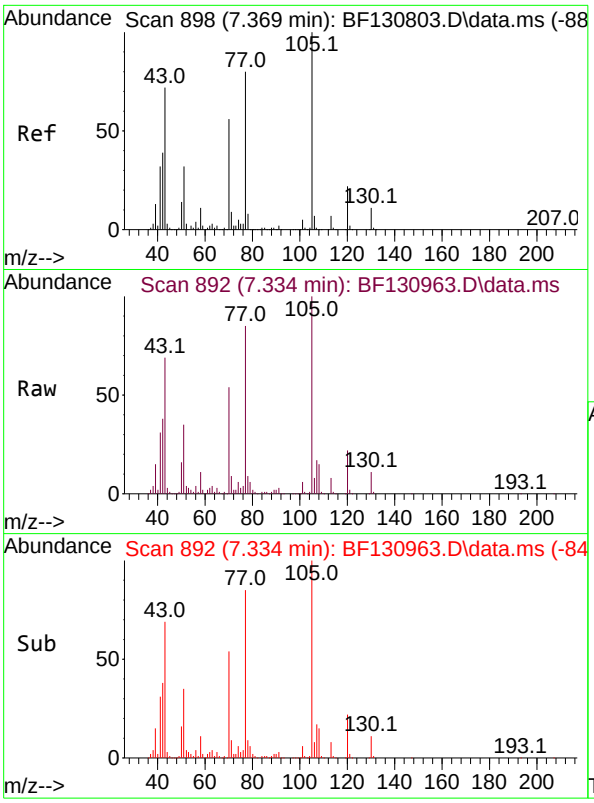


#18
Hexachloroethane
Concen: 51.989 ng
RT: 7.440 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion:117 Resp: 97208

Ion	Ratio	Lower	Upper
117	100		
119	98.3	77.1	115.7
201	102.8	72.9	109.3



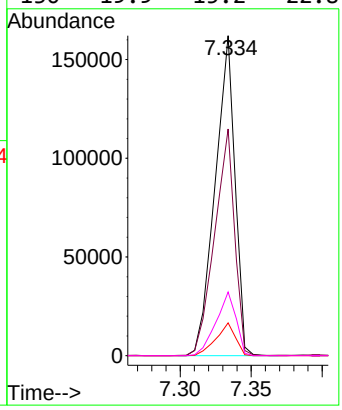


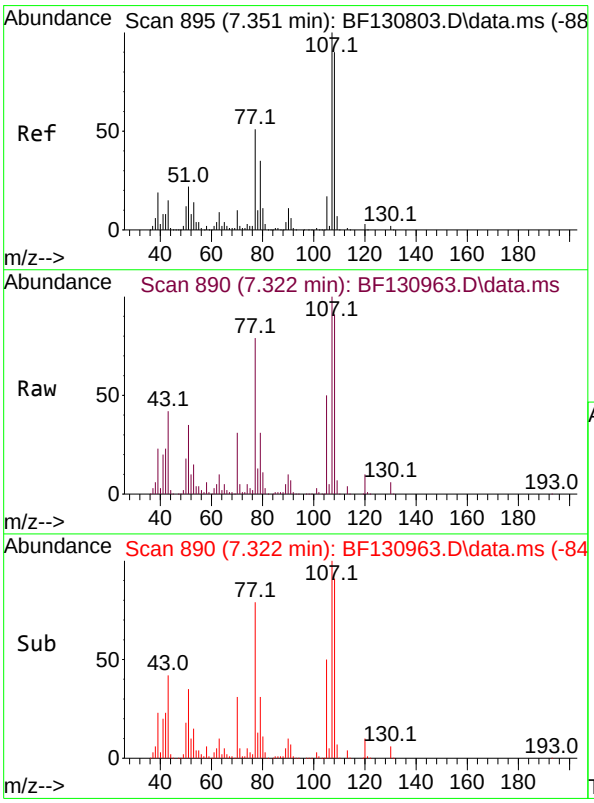
#19
n-Nitroso-di-n-propylamine
Concen: 44.203 ng
RT: 7.334 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion: 70 Resp: 157805

Ion	Ratio	Lower	Upper
70	100		
42	70.8	56.1	84.1
101	10.3	7.3	10.9
130	19.9	15.2	22.8

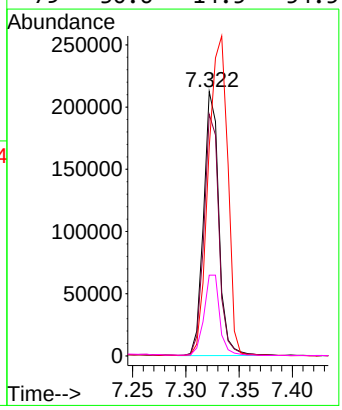


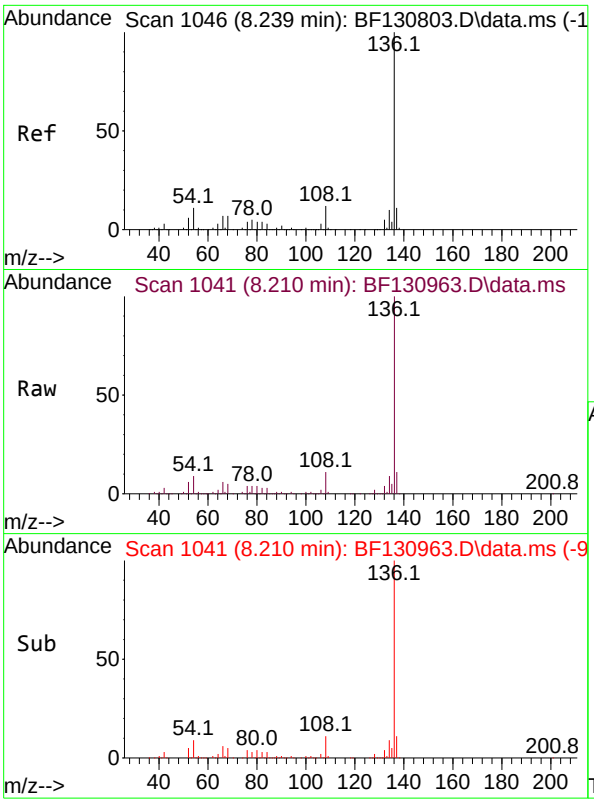


#20
3+4-Methylphenols
Concen: 42.382 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion:107 Resp: 211849

Ion	Ratio	Lower	Upper
107	100		
108	91.4	70.4	110.4
77	79.2	31.1	71.1#
79	30.6	14.5	54.5



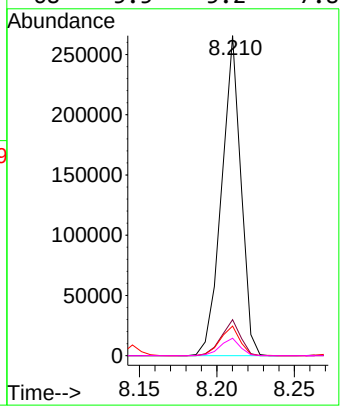


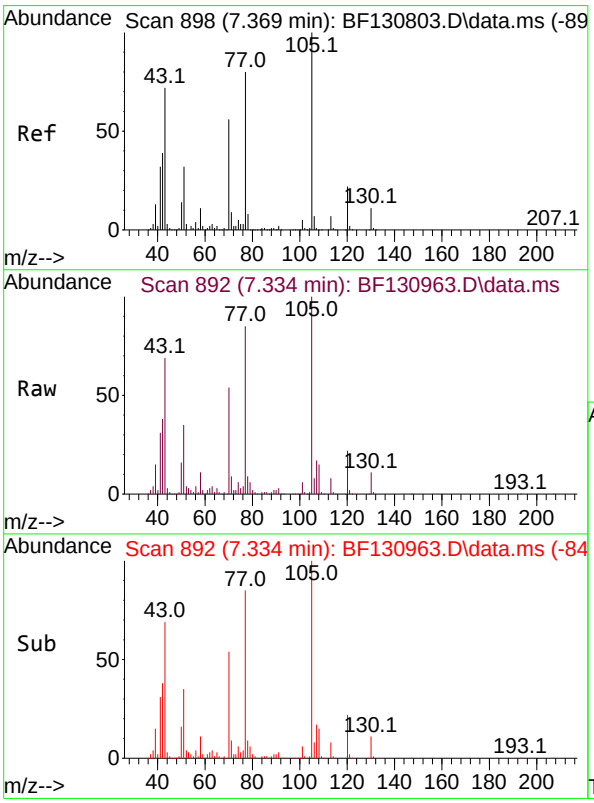
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion:136 Resp: 229848

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	9.2	8.8	13.2
68	5.5	5.2	7.8

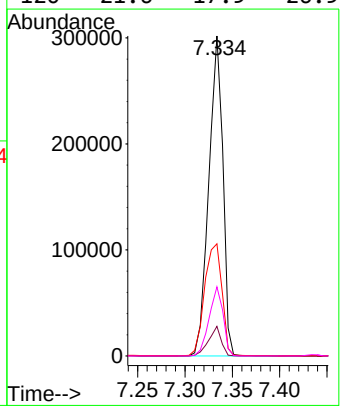


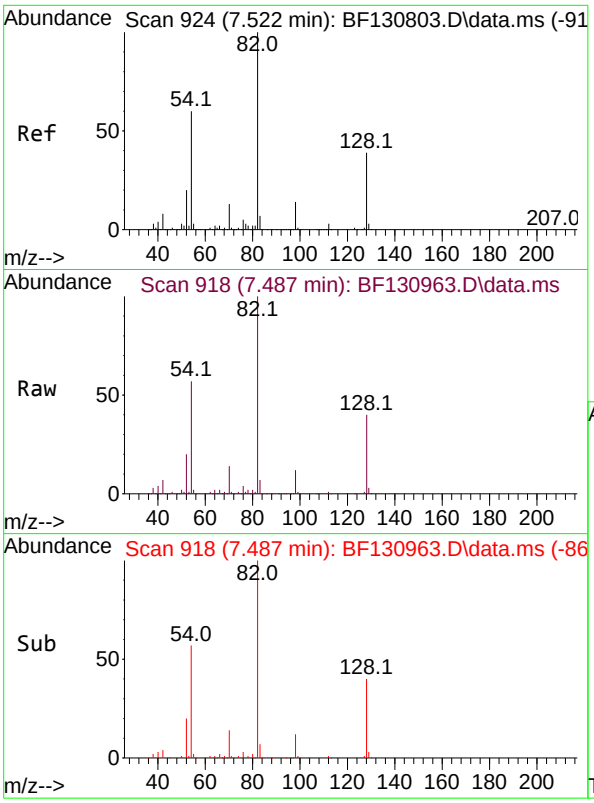


#22
Acetophenone
Concen: 55.848 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion:105 Resp: 311225

Ion	Ratio	Lower	Upper
105	100		
71	9.2	7.2	10.8
51	35.1	25.9	38.9
120	21.6	17.9	26.9



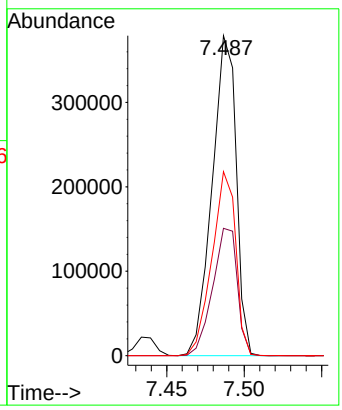


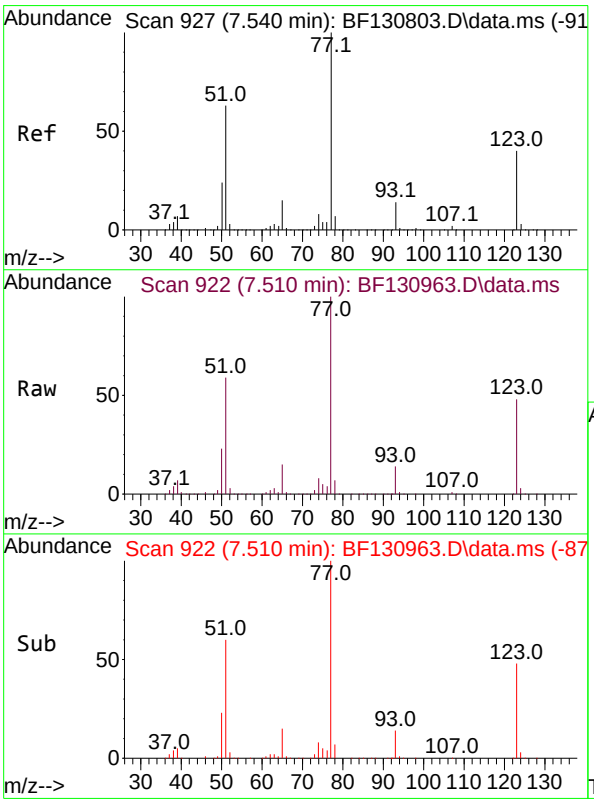
#23
Nitrobenzene-d5
Concen: 107.201 ng
RT: 7.487 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion: 82 Resp: 408630

Ion	Ratio	Lower	Upper
82	100		
128	39.8	31.2	46.8
54	57.5	48.0	72.0

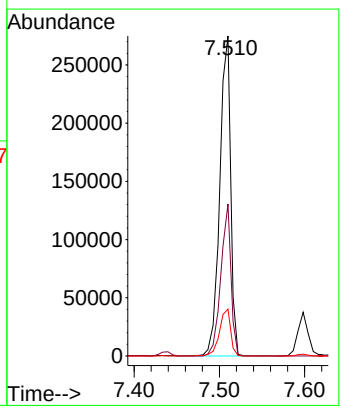


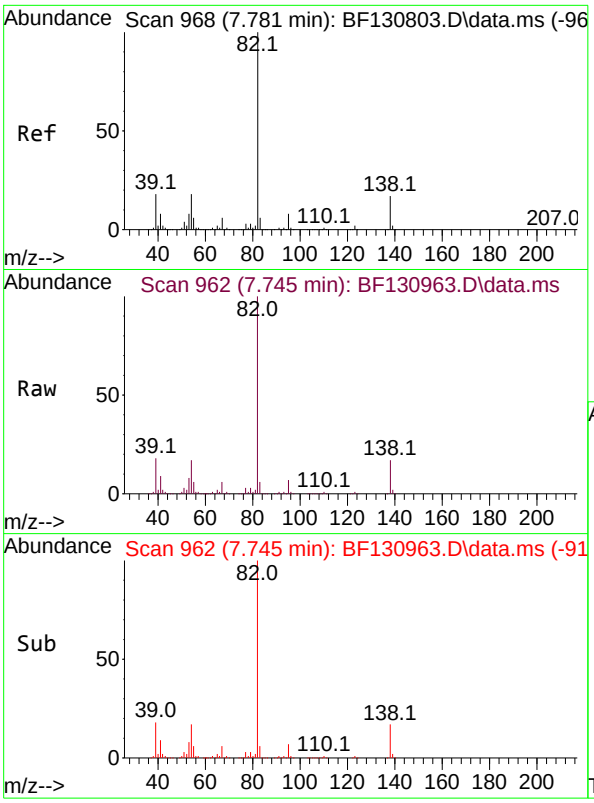


#24
Nitrobenzene
Concen: 58.842 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.000 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion: 77 Resp: 245260

Ion	Ratio	Lower	Upper
77	100		
123	47.5	32.2	48.2
65	14.7	12.0	18.0



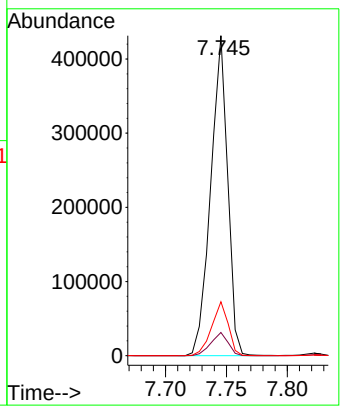


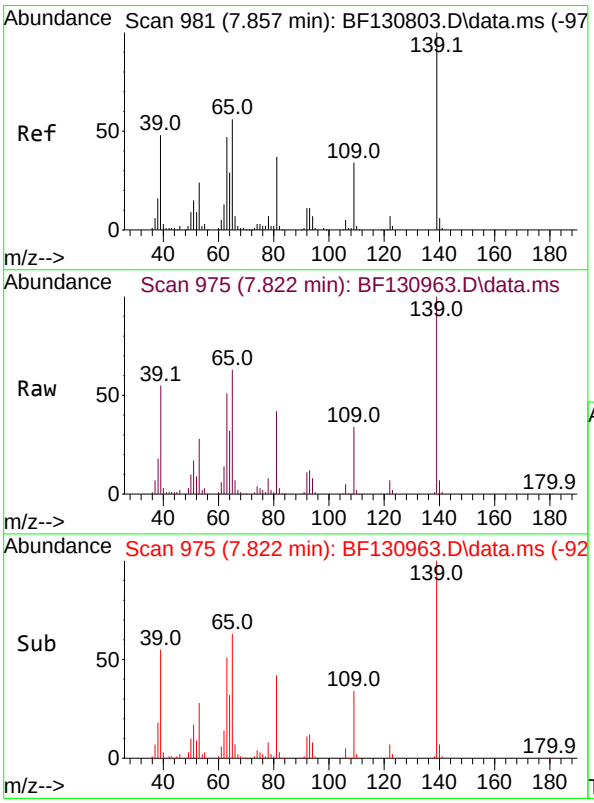
#25
Isophorone
Concen: 53.092 ng
RT: 7.745 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion: 82 Resp: 417326

Ion	Ratio	Lower	Upper
82	100		
95	7.2	6.2	9.4
138	16.9	13.8	20.6

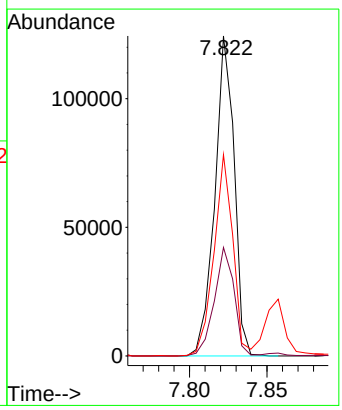


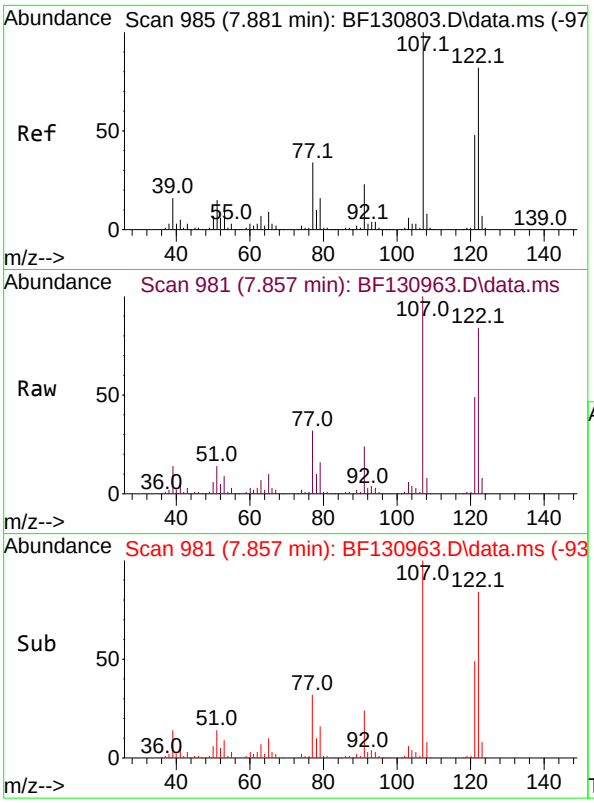


#26
2-Nitrophenol
Concen: 64.304 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion:139 Resp: 108167

Ion	Ratio	Lower	Upper
139	100		
109	33.9	27.3	40.9
65	62.9	44.6	67.0



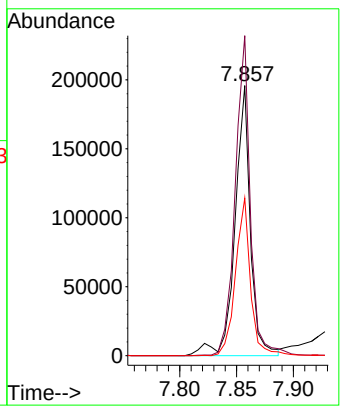


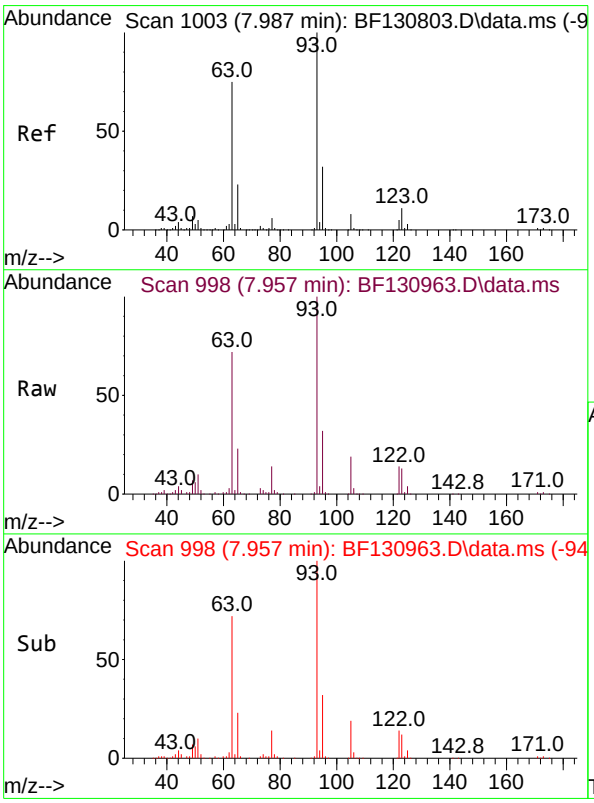
#27
2,4-Dimethylphenol
Concen: 56.354 ng
RT: 7.857 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion:122 Resp: 184353

Ion	Ratio	Lower	Upper
122	100		
107	118.5	97.1	145.7
121	58.4	46.9	70.3

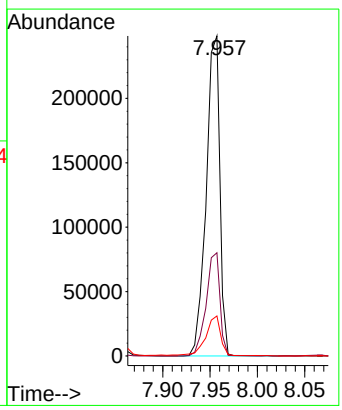


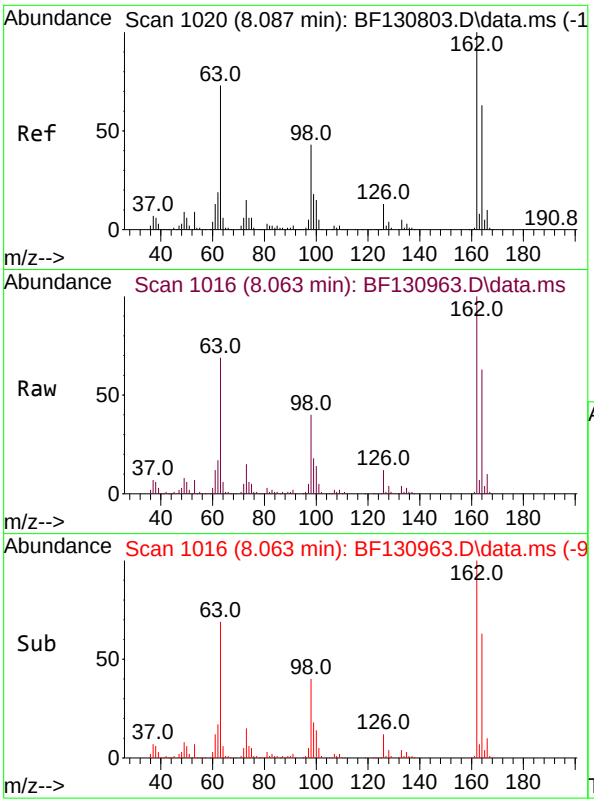


#28
bis(2-Chloroethoxy)methane
Concen: 56.491 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion: 93 Resp: 247994

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.7	38.5
123	12.5	9.4	14.0



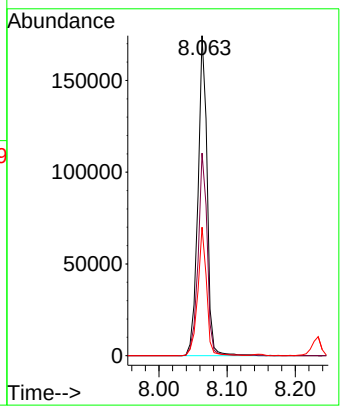


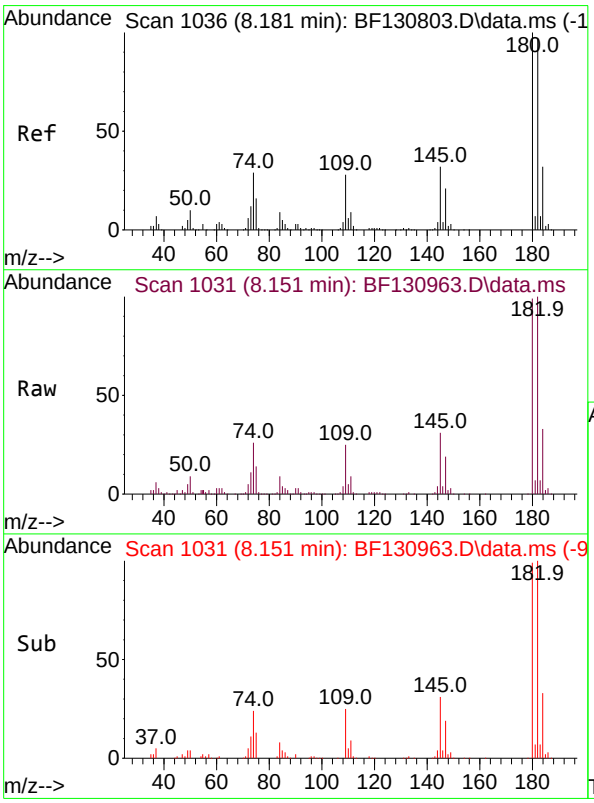
#29
2,4-Dichlorophenol
Concen: 48.612 ng
RT: 8.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion:162 Resp: 163594

Ion	Ratio	Lower	Upper
162	100		
164	63.3	43.2	83.2
98	40.2	22.8	62.8

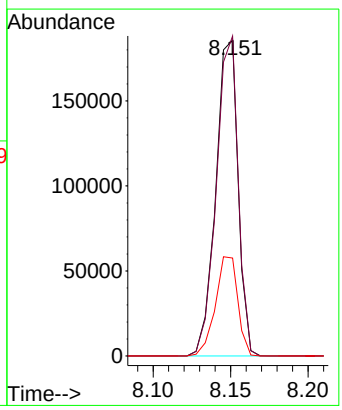


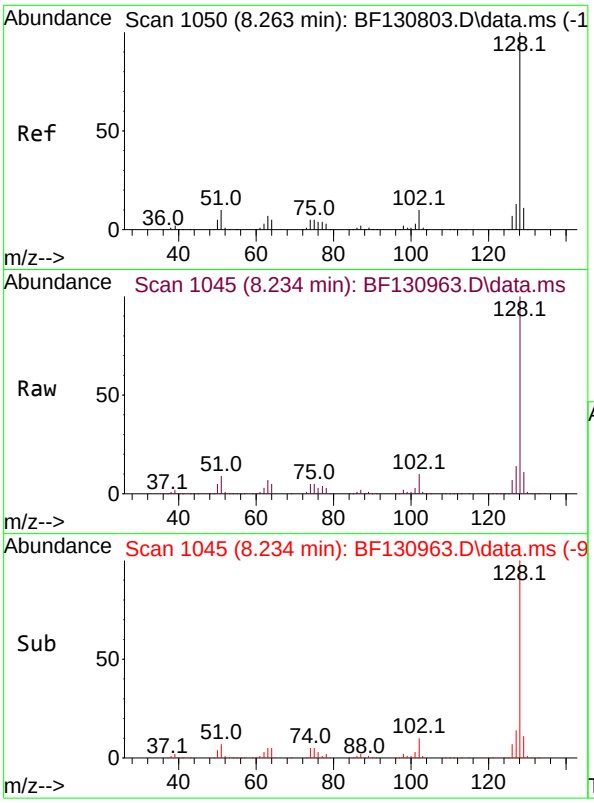


#30
1,2,4-Trichlorobenzene
Concen: 51.437 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion:180 Resp: 186137

Ion	Ratio	Lower	Upper
180	100		
182	101.3	77.7	116.5
145	31.0	25.9	38.9



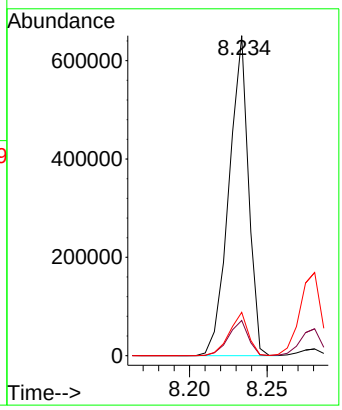


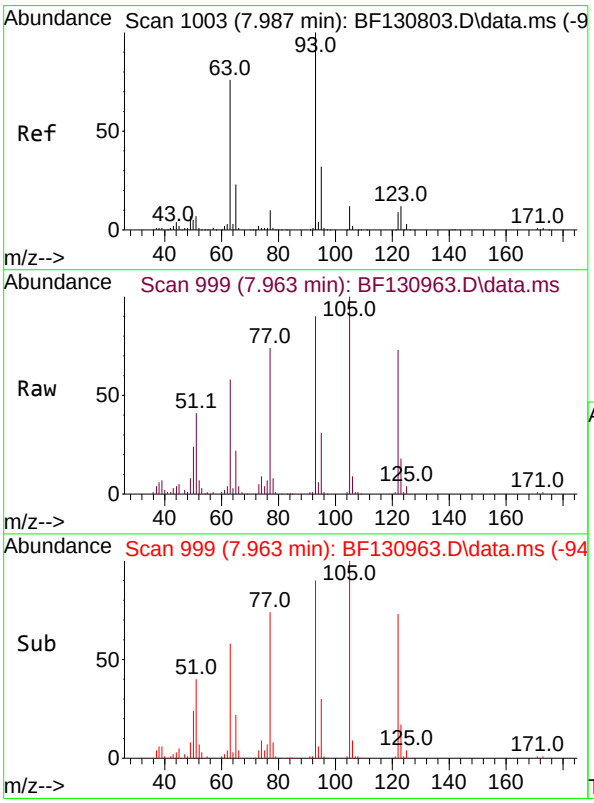
#31
Naphthalene
Concen: 47.569 ng
RT: 8.234 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion:128 Resp: 570442

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.6	10.6	16.0

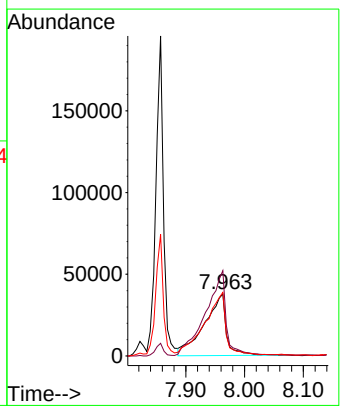


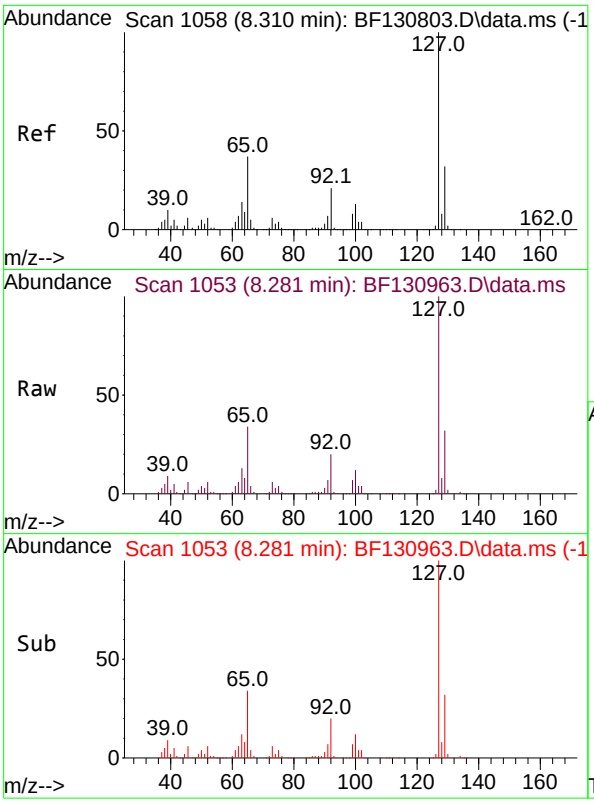


#32
Benzoic acid
Concen: 43.238 ng
RT: 7.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion:122 Resp: 98418

Ion	Ratio	Lower	Upper
122	100		
105	137.6	114.5	154.5
77	102.5	89.8	129.8



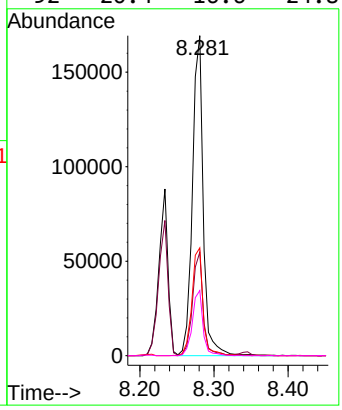


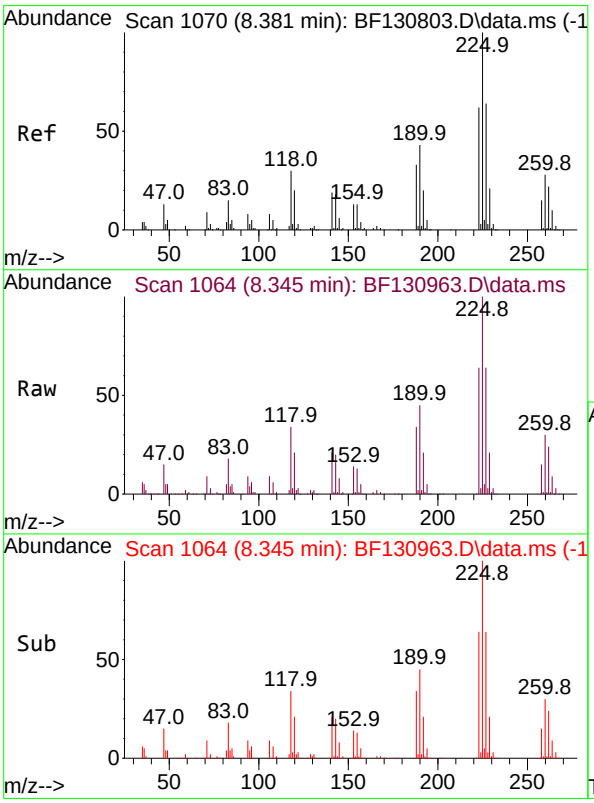
#33
4-Chloroaniline
Concen: 36.204 ng
RT: 8.281 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion:127 Resp: 171558

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.6	38.4
65	33.7	29.4	44.2
92	20.4	16.6	24.8

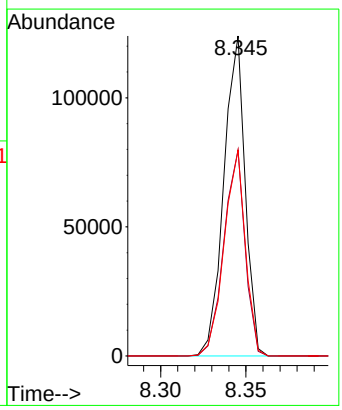


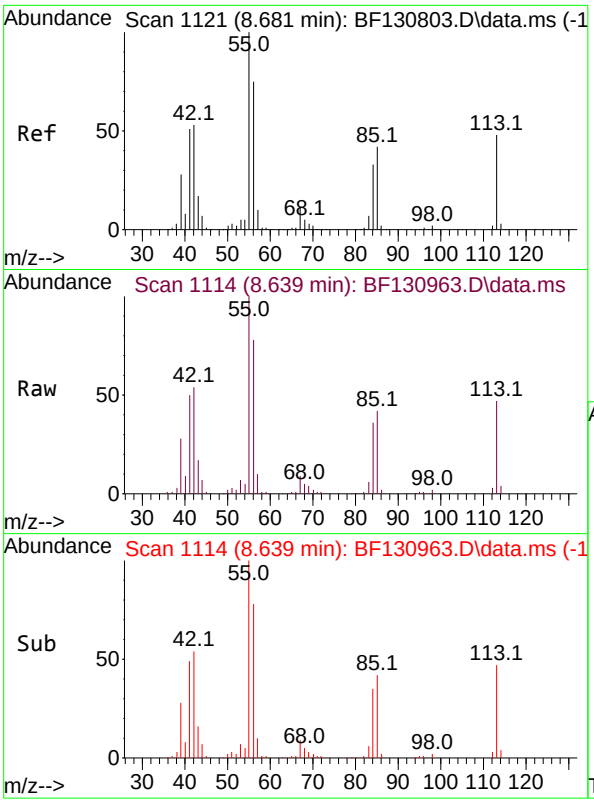


#34
Hexachlorobutadiene
Concen: 44.948 ng
RT: 8.345 min Scan# 1064
Delta R.T. 0.000 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion:225 Resp: 107974

Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.9	74.9
227	64.3	51.5	77.3



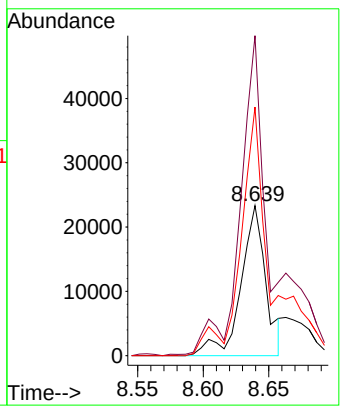


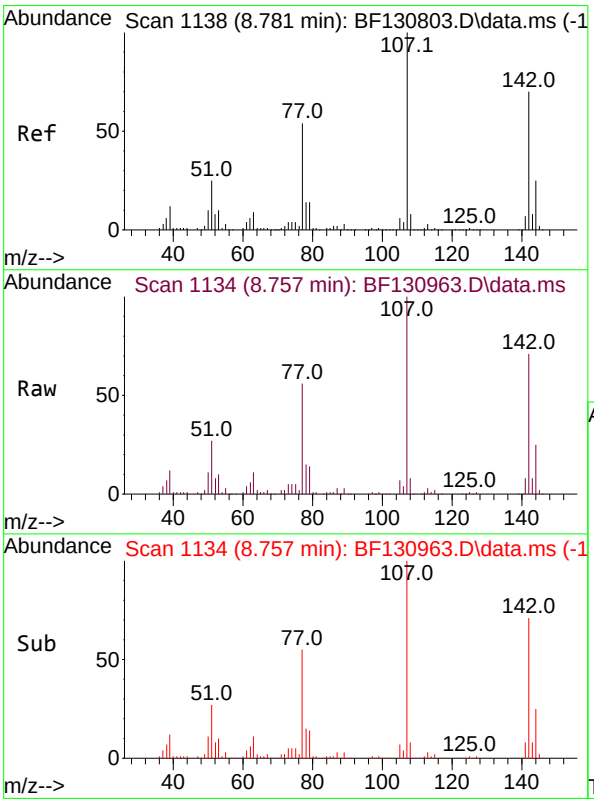
#35
Caprolactam
Concen: 28.623 ng
RT: 8.639 min Scan# 11
Delta R.T. -0.024 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion:113 Resp: 30868

Ion	Ratio	Lower	Upper
113	100		
55	213.3	187.0	227.0
56	165.8	134.2	174.2

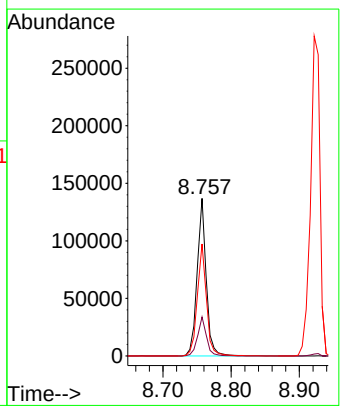


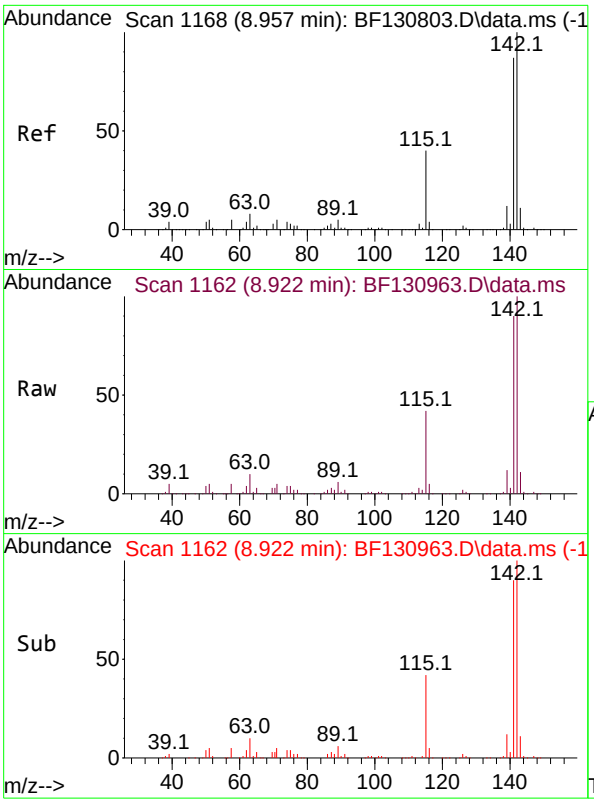


#36
4-Chloro-3-methylphenol
Concen: 34.752 ng
RT: 8.757 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion:107 Resp: 126858

Ion	Ratio	Lower	Upper
107	100		
144	24.8	19.8	29.8
142	71.1	56.0	84.0



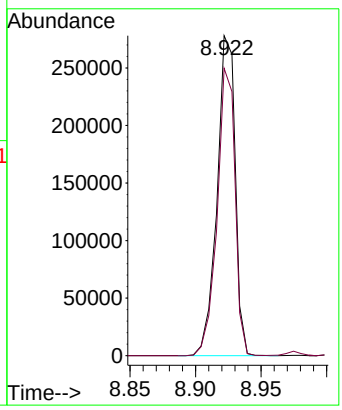


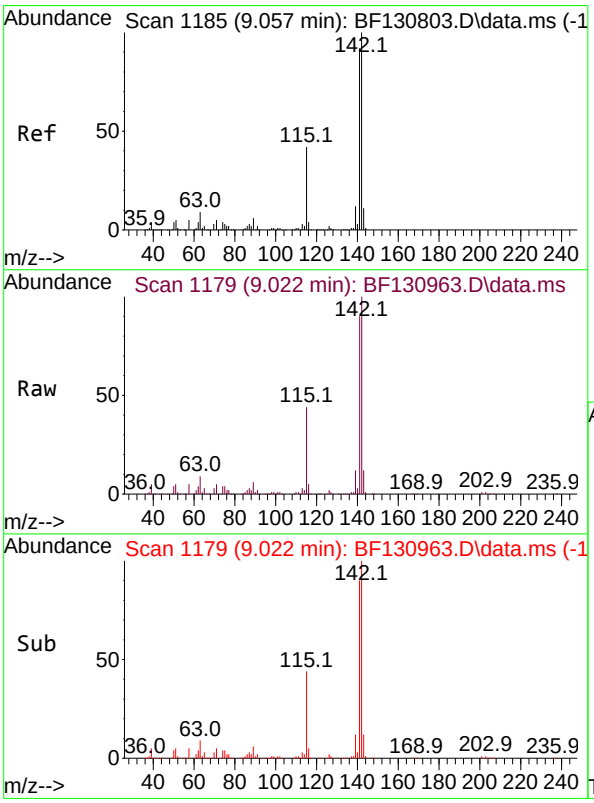
#37
2-Methylnaphthalene
Concen: 35.440 ng
RT: 8.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion:142 Resp: 267329

Ion	Ratio	Lower	Upper
142	100		
141	89.8	69.9	104.9

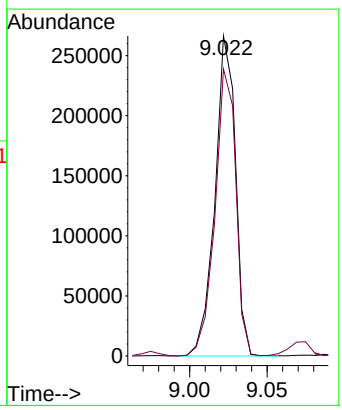


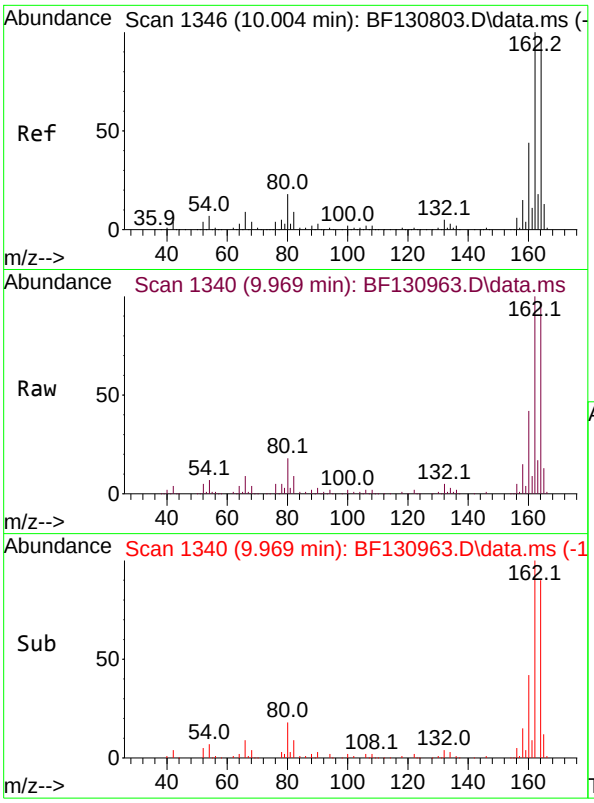


#38
1-Methylnaphthalene
Concen: 33.506 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion:142 Resp: 245965

Ion	Ratio	Lower	Upper
142	100		
141	89.6	73.5	110.3



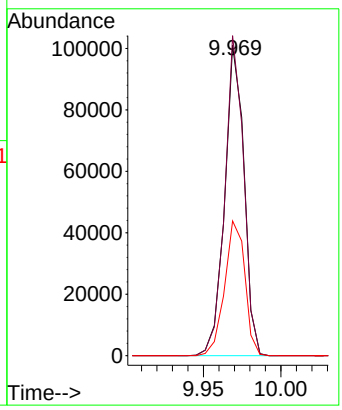


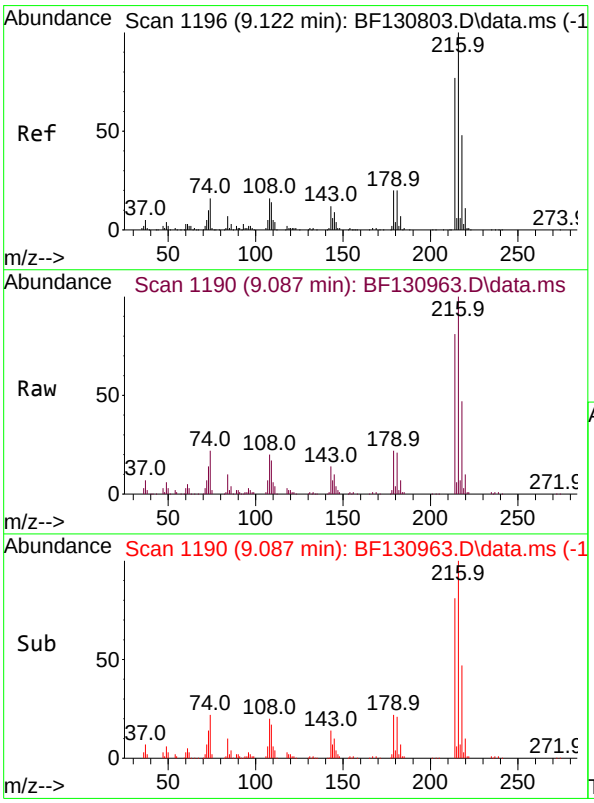
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion:164 Resp: 87749

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.2	123.2
160	43.4	36.6	54.8

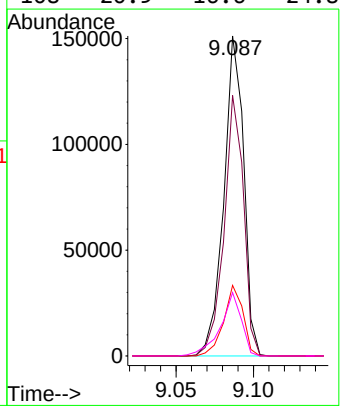


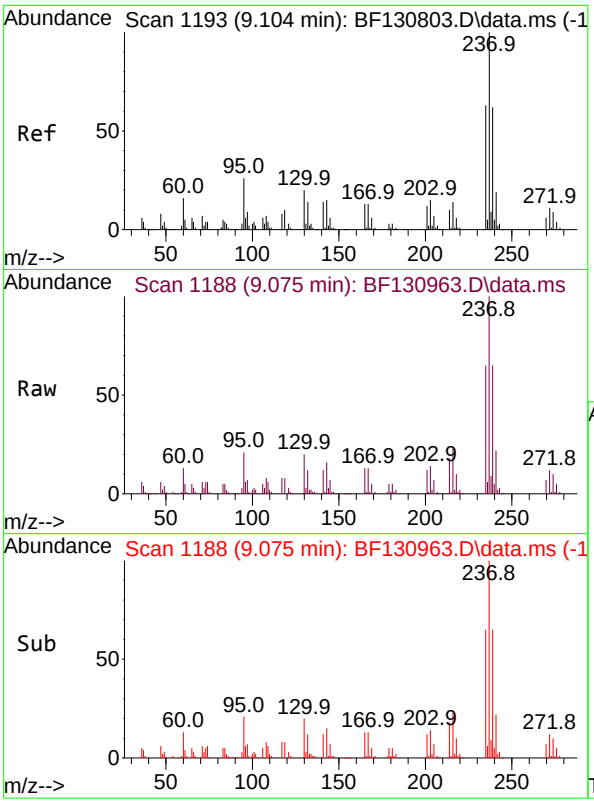


#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.261 ng
RT: 9.087 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion:216 Resp: 135022

Ion	Ratio	Lower	Upper
216	100		
214	79.4	62.7	94.1
179	21.5	16.9	25.3
108	20.9	16.6	24.8



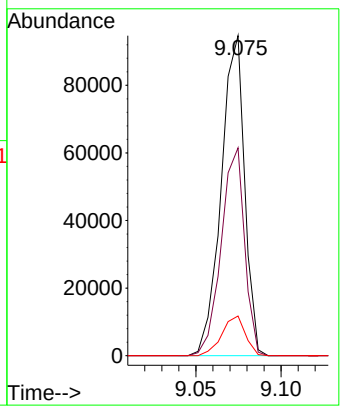


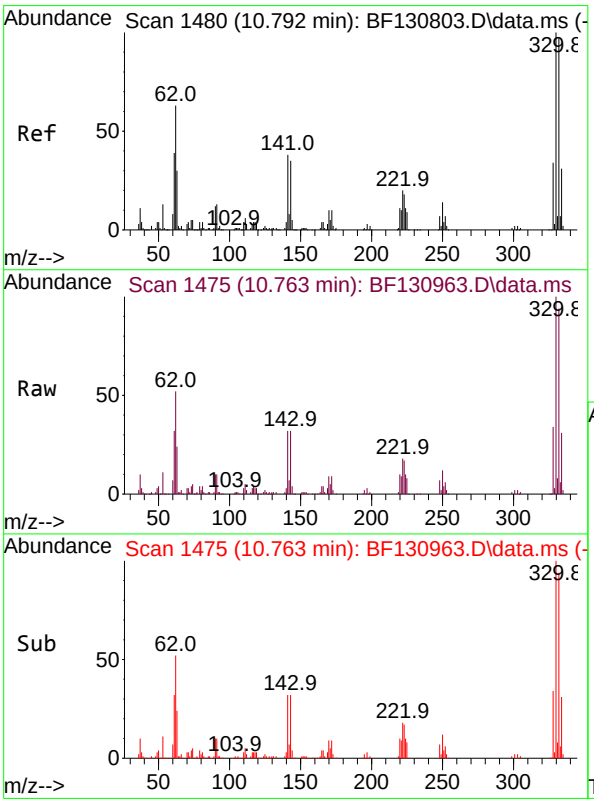
#41
Hexachlorocyclopentadiene
Concen: 69.292 ng
RT: 9.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion:237 Resp: 90597

Ion	Ratio	Lower	Upper
237	100		
235	65.0	43.5	83.5
272	12.4	0.0	31.4

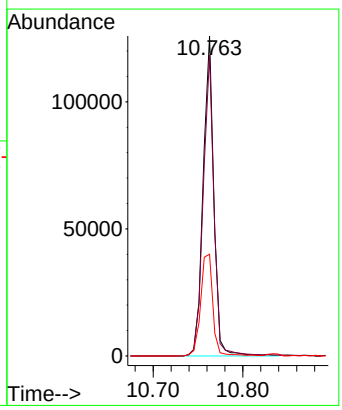


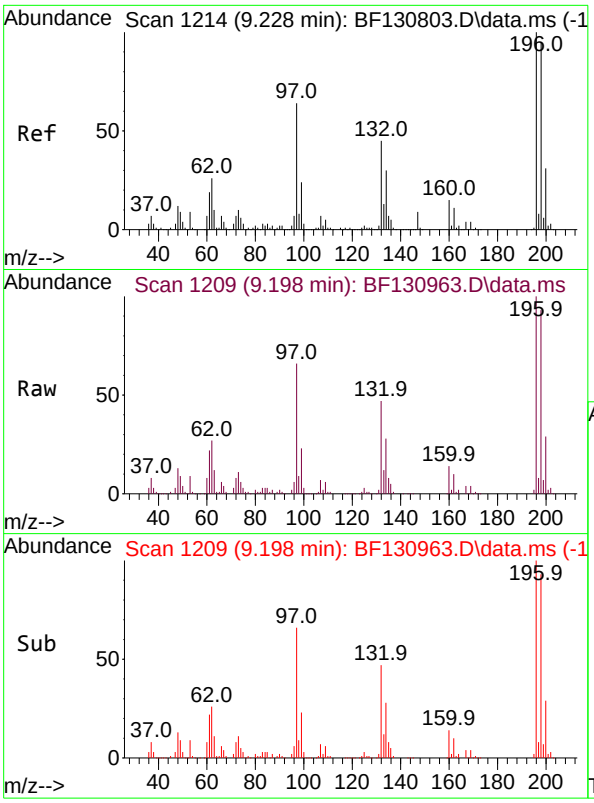


#42
2,4,6-Tribromophenol
Concen: 141.525 ng
RT: 10.763 min Scan# 1475
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion:330 Resp: 104540

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.2	114.4
141	36.4	31.4	47.0



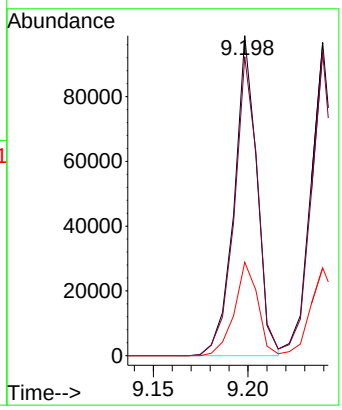


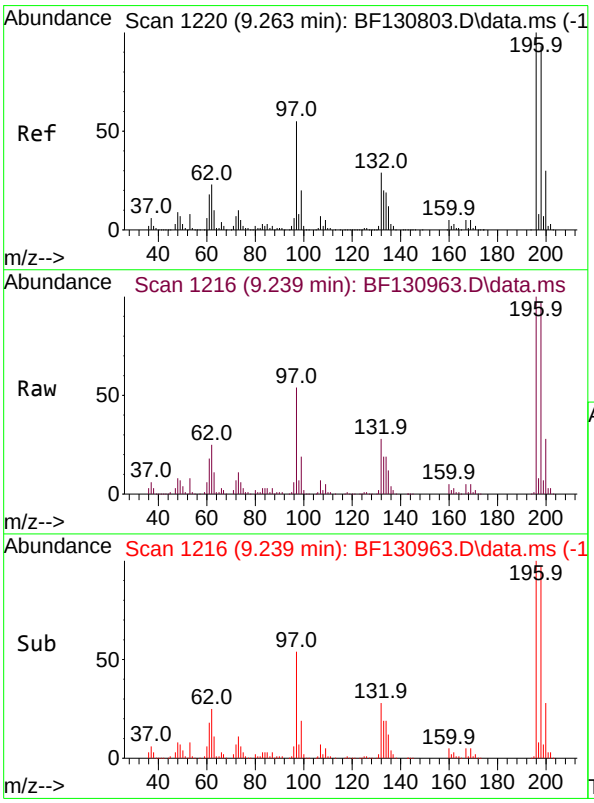
#43
2,4,6-Trichlorophenol
Concen: 47.485 ng
RT: 9.198 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion:196 Resp: 82107

Ion	Ratio	Lower	Upper
196	100		
198	93.5	76.1	114.1
200	29.2	24.5	36.7

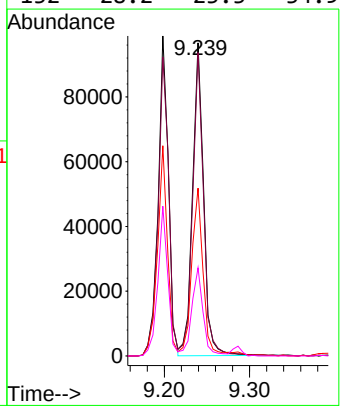


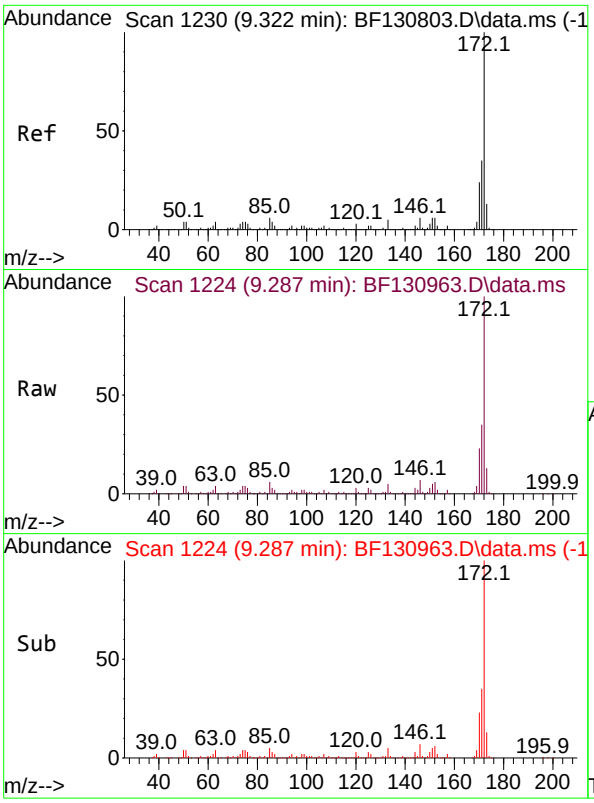


#44
2,4,5-Trichlorophenol
Concen: 47.175 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion:196 Resp: 87150

Ion	Ratio	Lower	Upper
196	100		
198	96.9	74.6	112.0
97	53.6	44.7	67.1
132	28.2	23.3	34.9



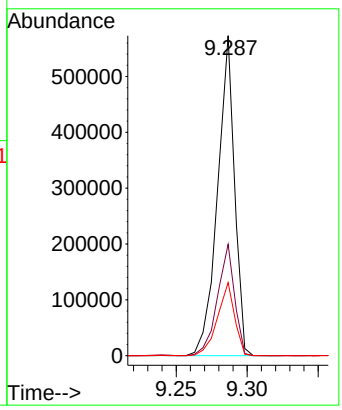


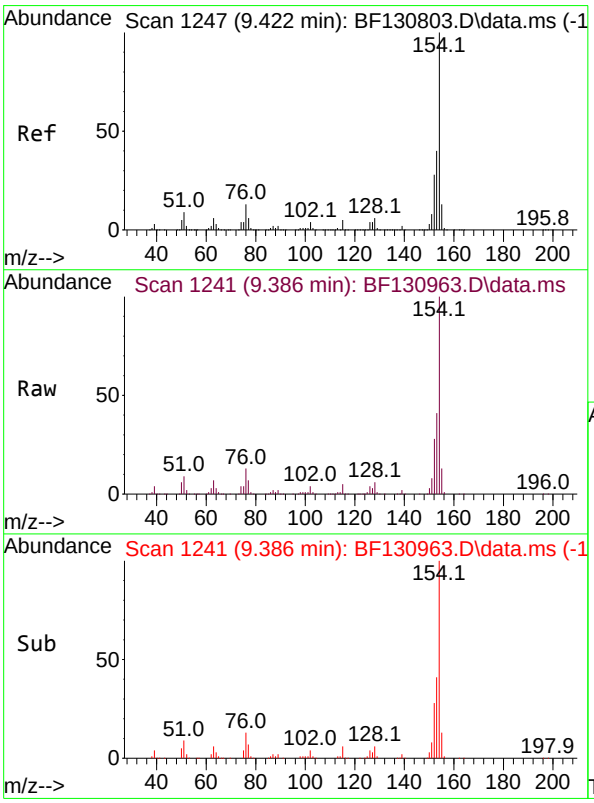
#45
2-Fluorobiphenyl
Concen: 82.204 ng
RT: 9.287 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion:172 Resp: 477106

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.1	42.1
170	22.9	19.0	28.4

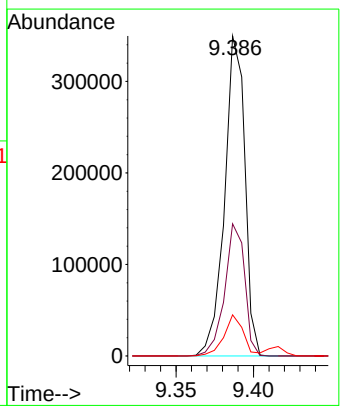


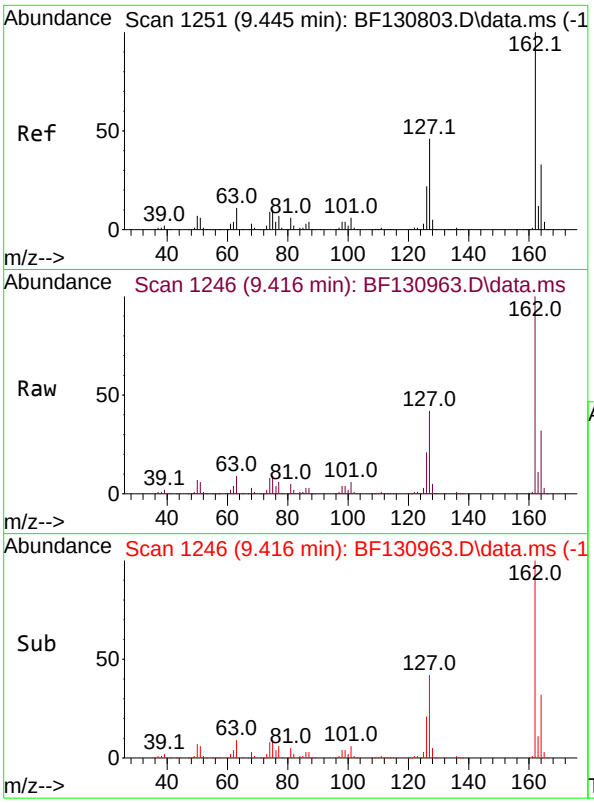


#46
1,1'-Biphenyl
Concen: 50.814 ng
RT: 9.386 min Scan# 1241
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion:154 Resp: 317674

Ion	Ratio	Lower	Upper
154	100		
153	41.3	19.9	59.9
76	12.8	0.0	32.5



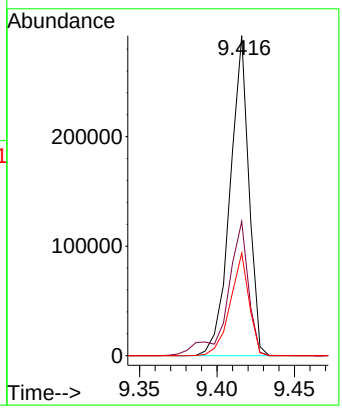


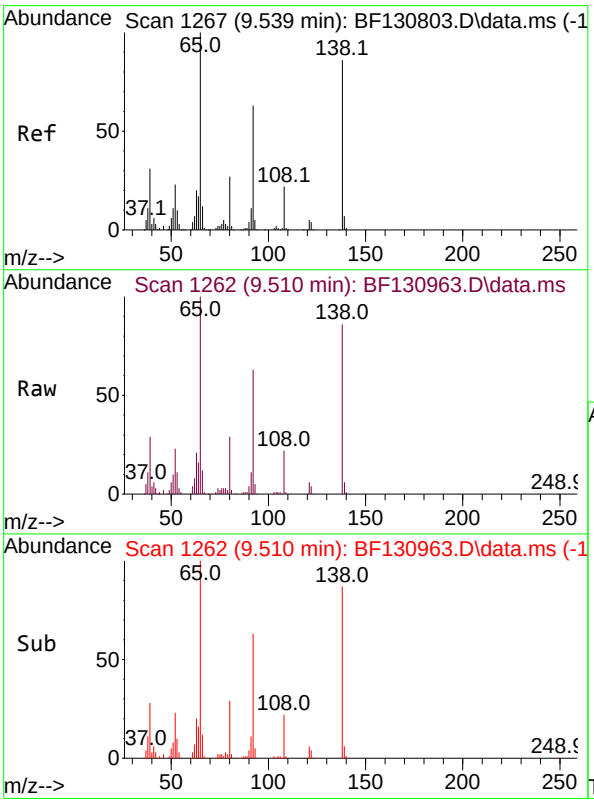
#47
2-Chloronaphthalene
Concen: 49.216 ng
RT: 9.416 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion:162 Resp: 246718

Ion	Ratio	Lower	Upper
162	100		
127	41.9	36.6	54.8
164	32.1	26.5	39.7

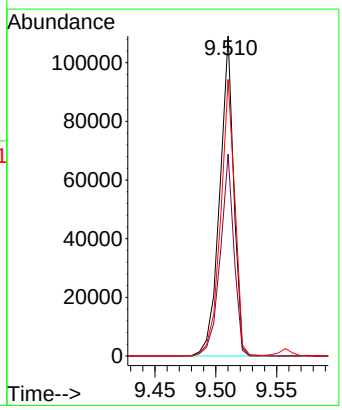


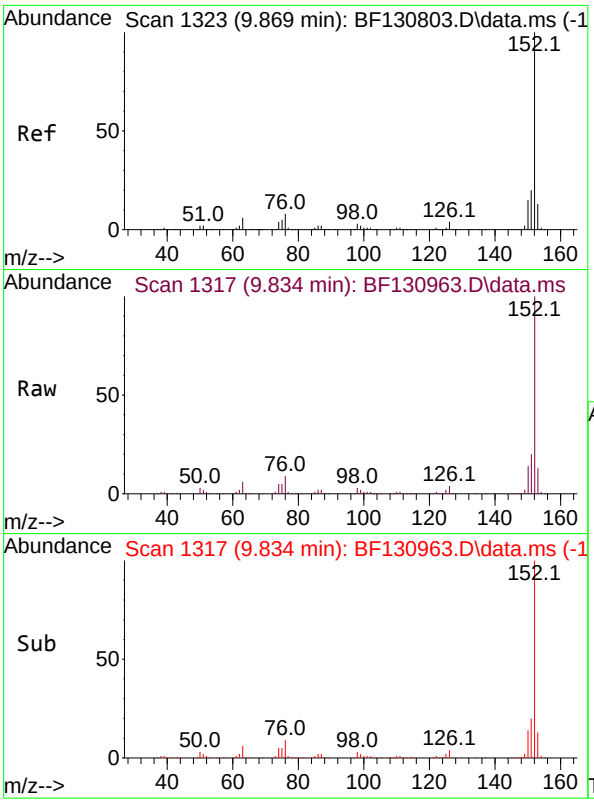


#48
2-Nitroaniline
Concen: 53.789 ng
RT: 9.510 min Scan# 1262
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion: 65 Resp: 87588

Ion	Ratio	Lower	Upper
65	100		
92	63.1	50.1	75.1
138	86.4	69.2	103.8



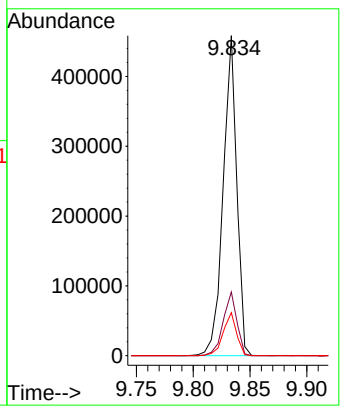


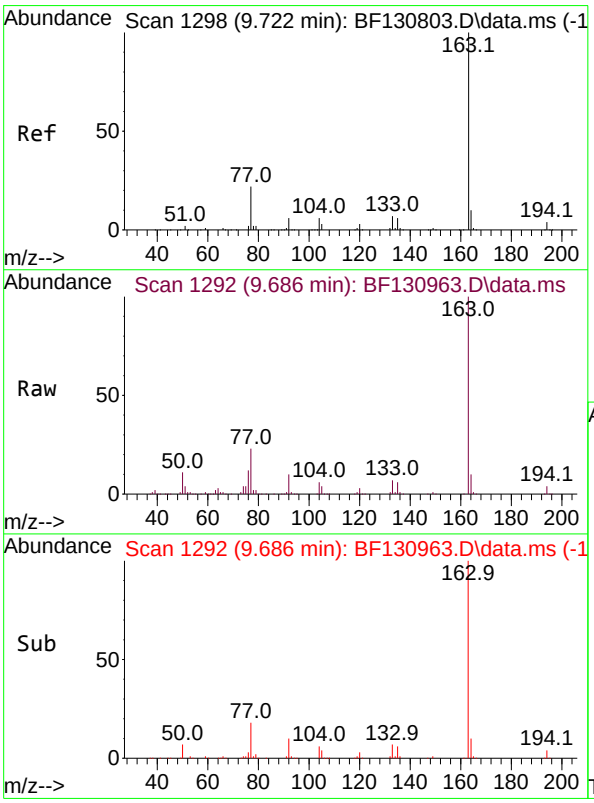
#49
Acenaphthylene
Concen: 48.330 ng
RT: 9.834 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion:152 Resp: 382856

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	13.5	10.2	15.4

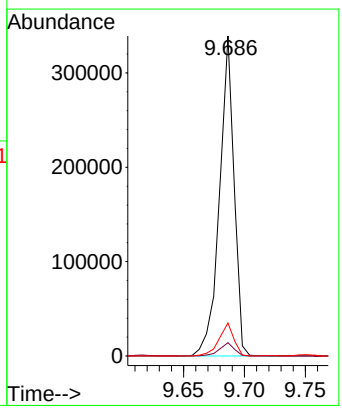


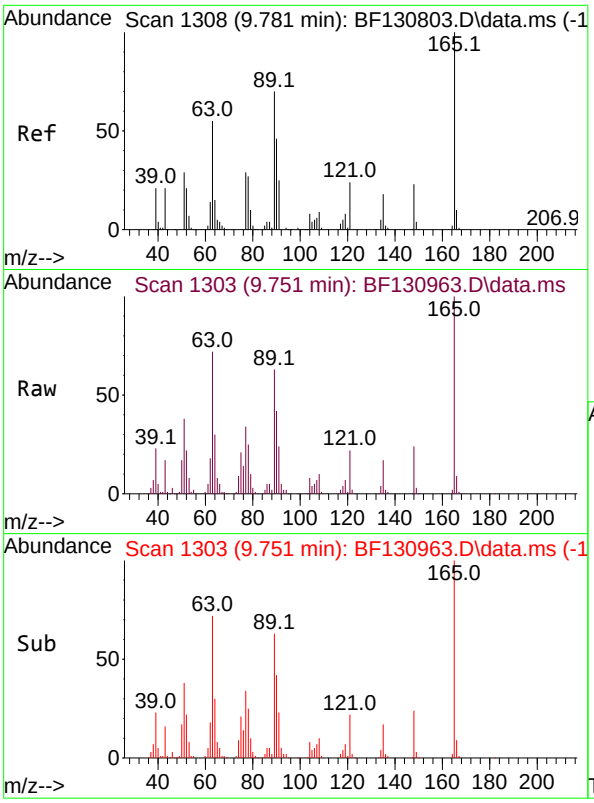


#50
Dimethylphthalate
Concen: 47.092 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion:163 Resp: 283827

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.3	8.0	12.0



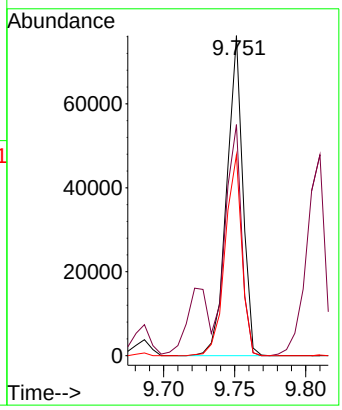


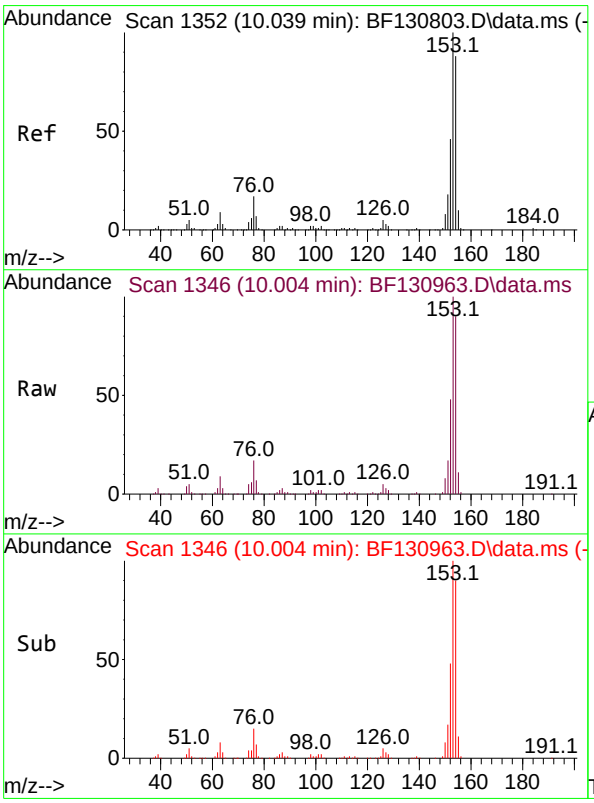
#51
2,6-Dinitrotoluene
Concen: 51.987 ng
RT: 9.751 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion:165 Resp: 59844

Ion	Ratio	Lower	Upper
165	100		
63	72.2	61.8	92.8
89	62.8	56.2	84.4

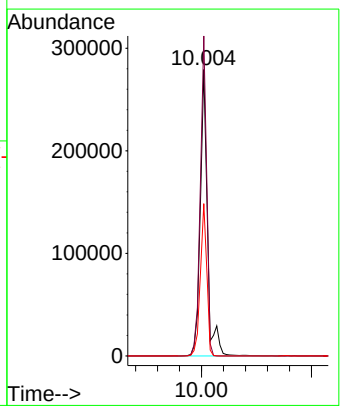


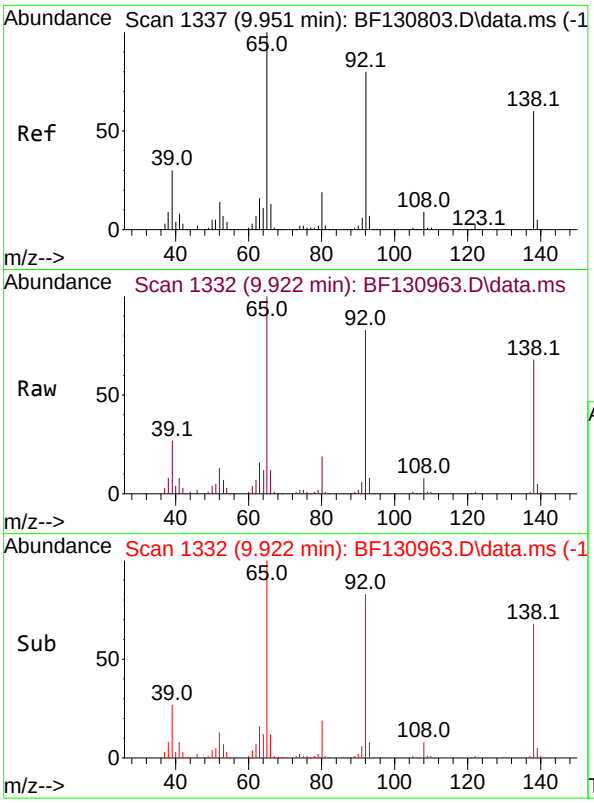


#52
Acenaphthene
Concen: 51.950 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion:154 Resp: 254475

Ion	Ratio	Lower	Upper
154	100		
153	111.7	90.5	135.7
152	53.2	42.0	63.0



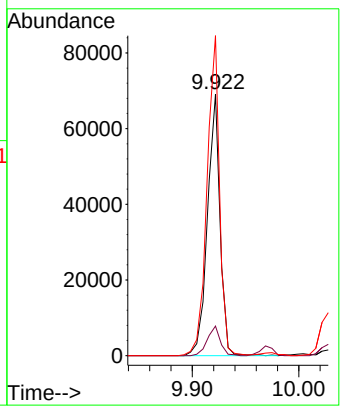


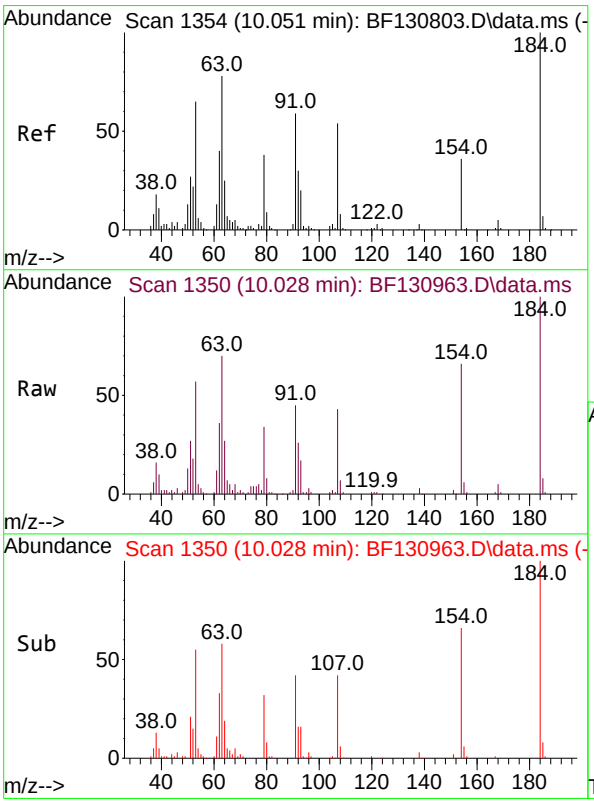
#53
3-Nitroaniline
Concen: 48.365 ng
RT: 9.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion:138 Resp: 56778

Ion	Ratio	Lower	Upper
138	100		
108	11.3	12.7	19.1#
92	122.4	107.8	161.8

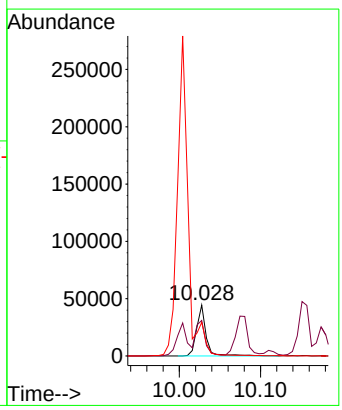


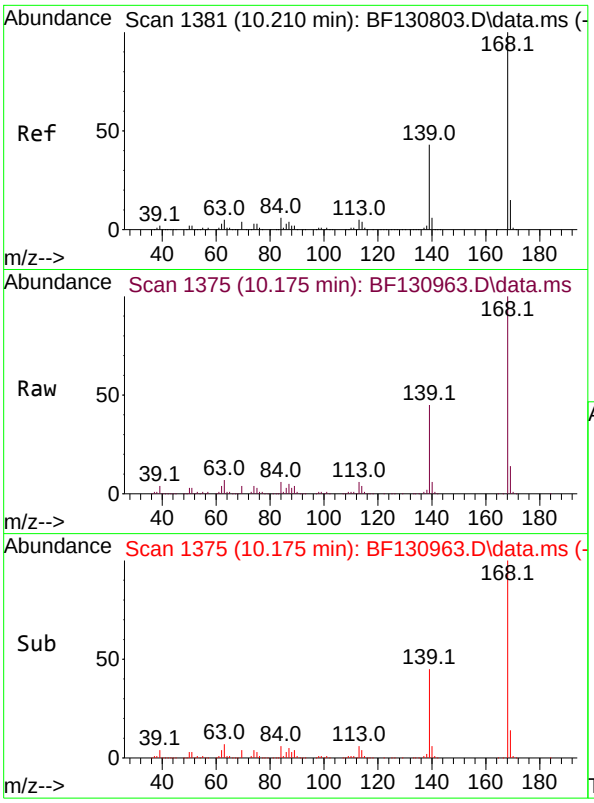


#54
2,4-Dinitrophenol
Concen: 69.980 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion:184 Resp: 36087

Ion	Ratio	Lower	Upper
184	100		
63	69.9	66.7	100.1
154	66.1	62.2	93.2



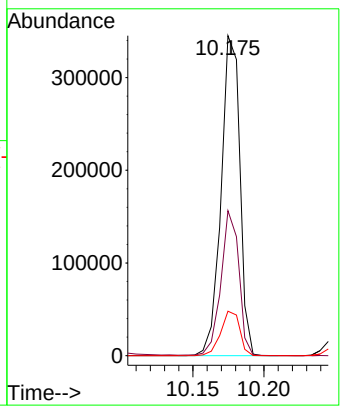


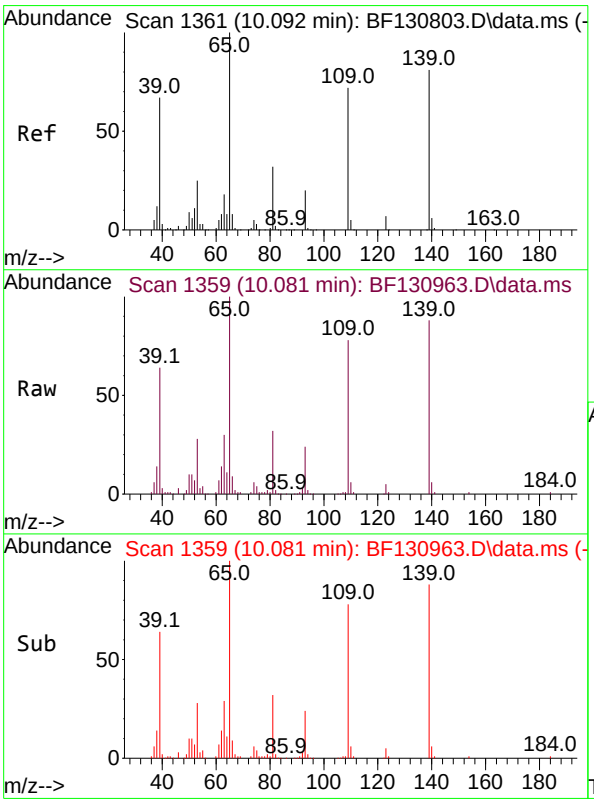
#55
Dibenzofuran
Concen: 44.557 ng
RT: 10.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion:168 Resp: 316364

Ion	Ratio	Lower	Upper
168	100		
139	45.3	34.3	51.5
169	13.9	11.9	17.9

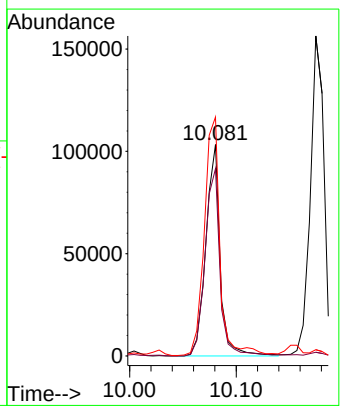


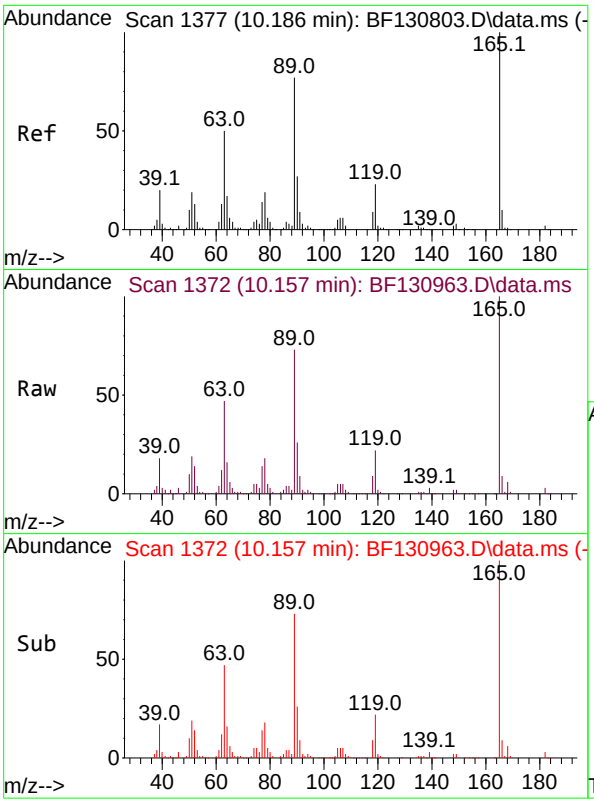


#56
4-Nitrophenol
Concen: 103.993 ng
RT: 10.081 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion:139 Resp: 96664

Ion	Ratio	Lower	Upper
139	100		
109	88.6	69.3	109.3
65	113.1	105.3	145.3



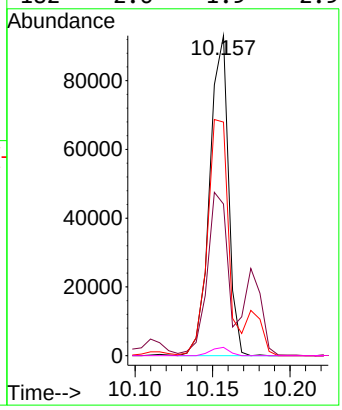


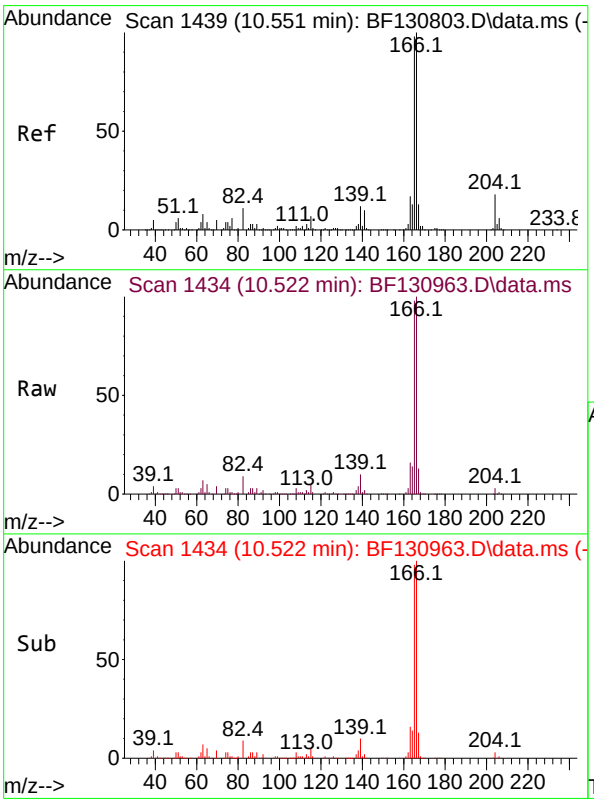
#57
2,4-Dinitrotoluene
Concen: 53.952 ng
RT: 10.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion:165 Resp: 78382

Ion	Ratio	Lower	Upper
165	100		
63	47.4	39.8	59.6
89	73.0	61.9	92.9
182	2.6	1.9	2.9

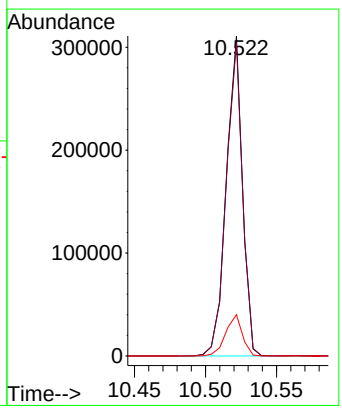


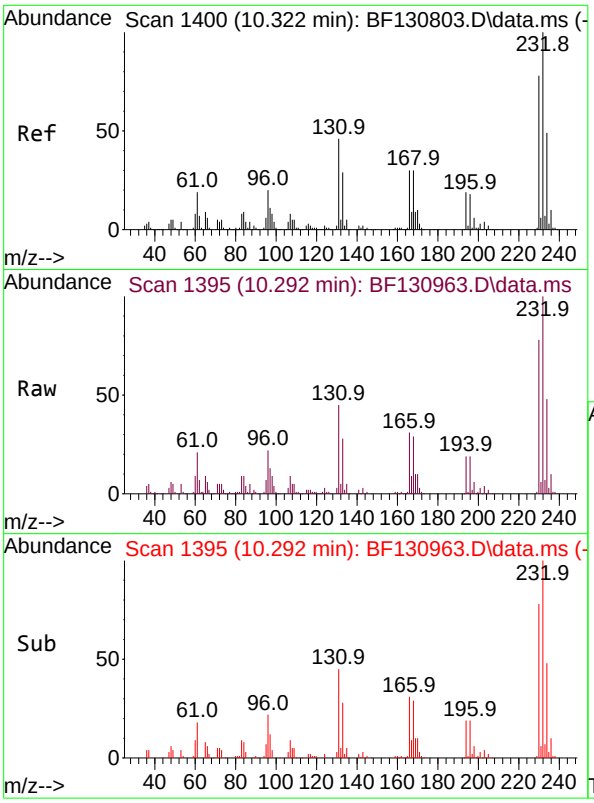


#58
Fluorene
Concen: 43.966 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion:166 Resp: 245806

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.1	117.1
167	12.9	10.4	15.6



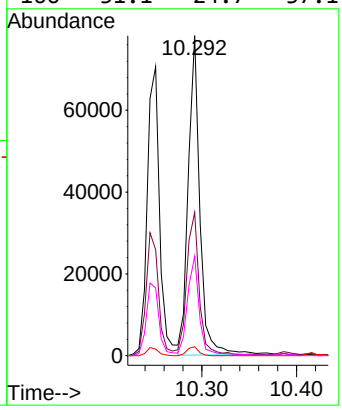


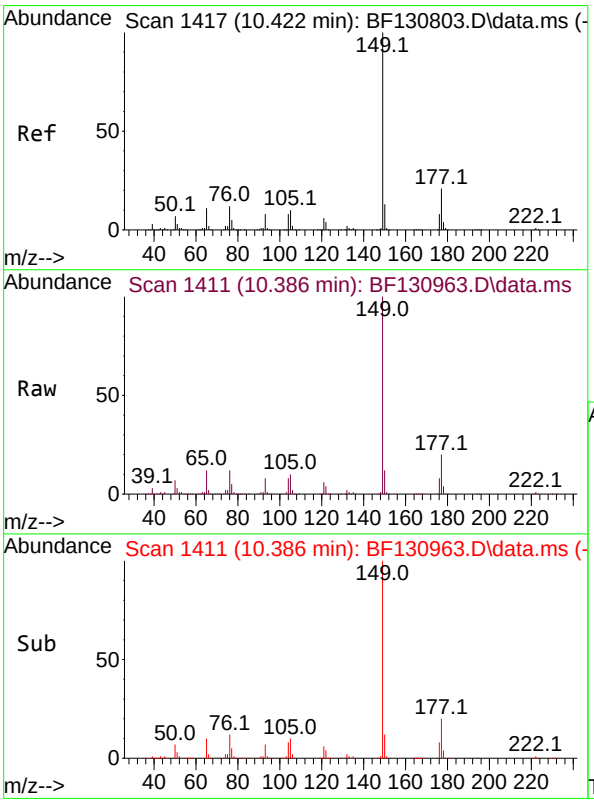
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.682 ng
RT: 10.292 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion:232 Resp: 66530

Ion	Ratio	Lower	Upper
232	100		
131	48.4	39.6	59.4
130	2.8	2.1	3.1
166	31.1	24.7	37.1

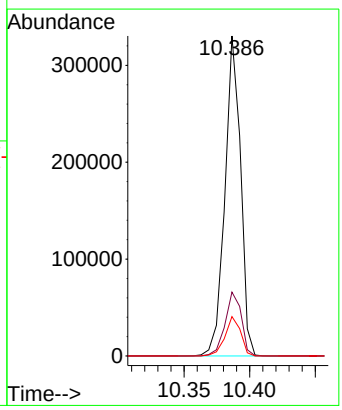


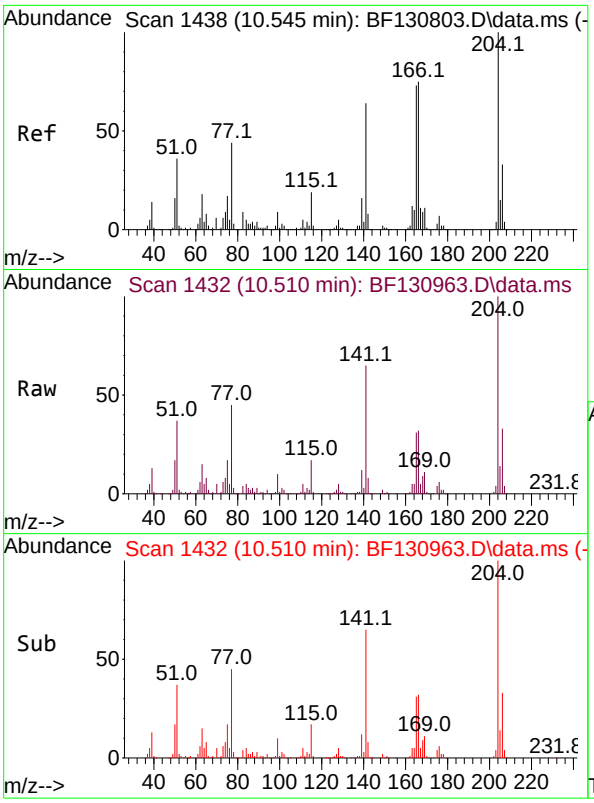


#60
Diethylphthalate
Concen: 46.145 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion:149 Resp: 273524

Ion	Ratio	Lower	Upper
149	100		
177	20.0	17.2	25.8
150	12.3	10.8	16.2



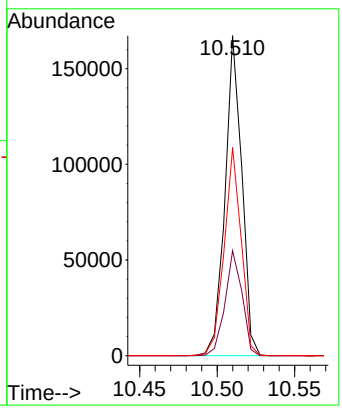


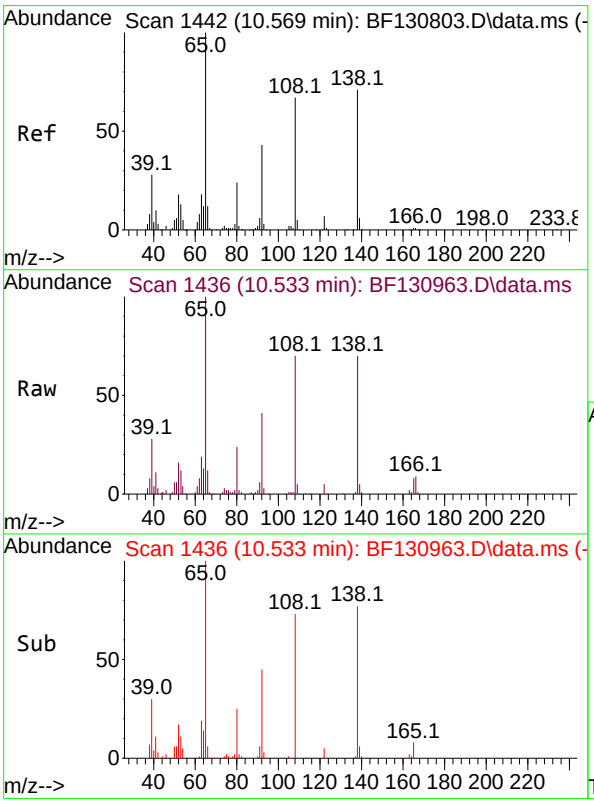
#61
4-Chlorophenyl-phenylether
Concen: 47.059 ng
RT: 10.510 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion:204 Resp: 125865

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.6	39.8
141	65.0	51.3	76.9

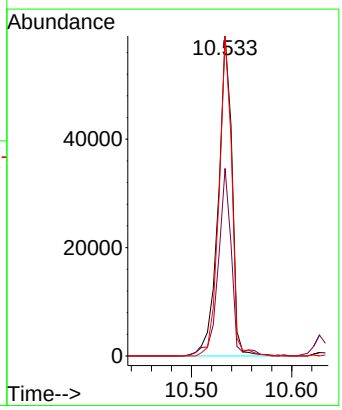


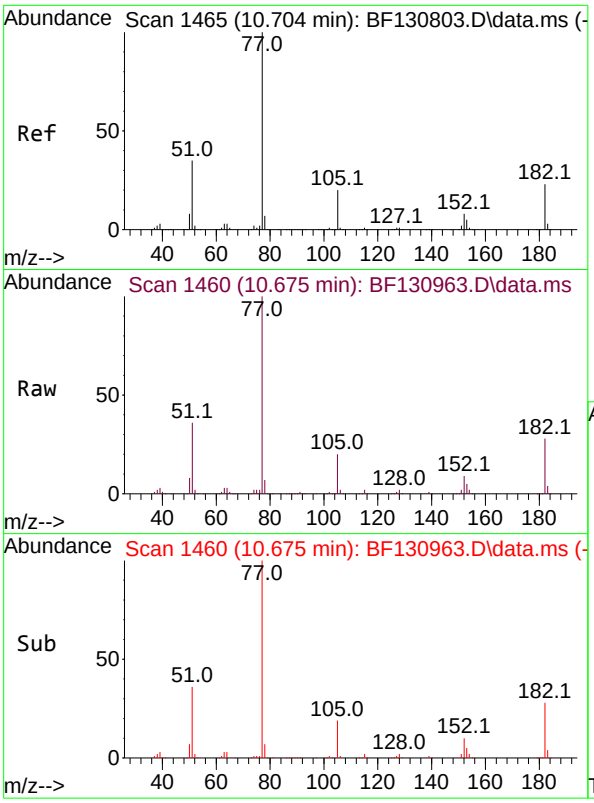


#62
4-Nitroaniline
Concen: 47.280 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion:138 Resp: 56203

Ion	Ratio	Lower	Upper
138	100		
92	58.6	40.6	80.6
108	100.1	74.7	114.7



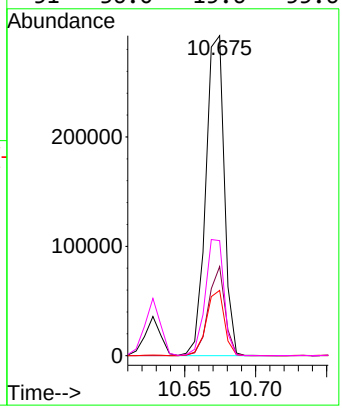


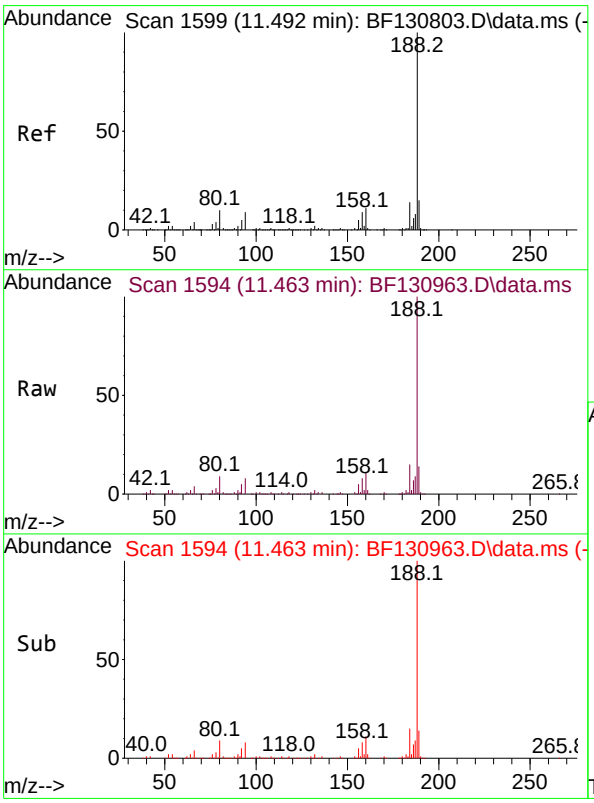
#63
Azobenzene
Concen: 42.835 ng
RT: 10.675 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion: 77 Resp: 265046

Ion	Ratio	Lower	Upper
77	100		
182	27.9	2.6	42.6
105	20.4	0.0	40.0
51	36.0	15.6	55.6

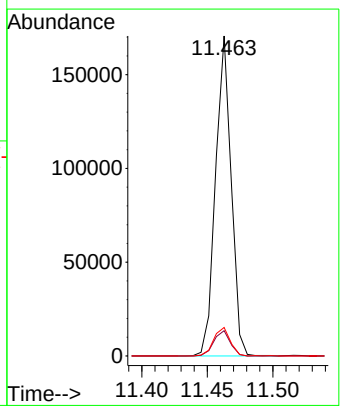


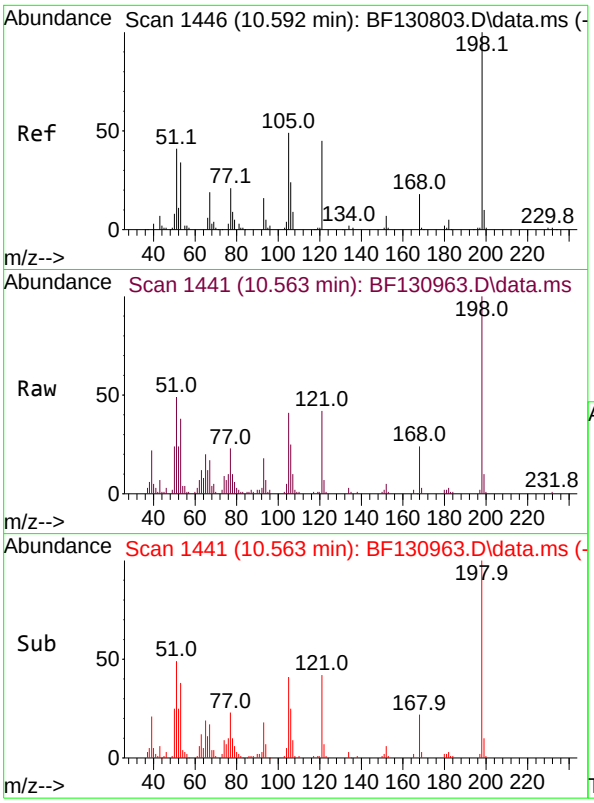


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion:188 Resp: 141384

Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.4	11.2
80	8.9	8.0	12.0



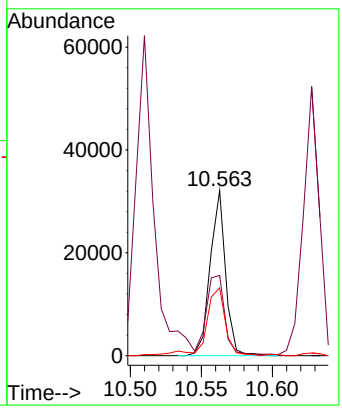


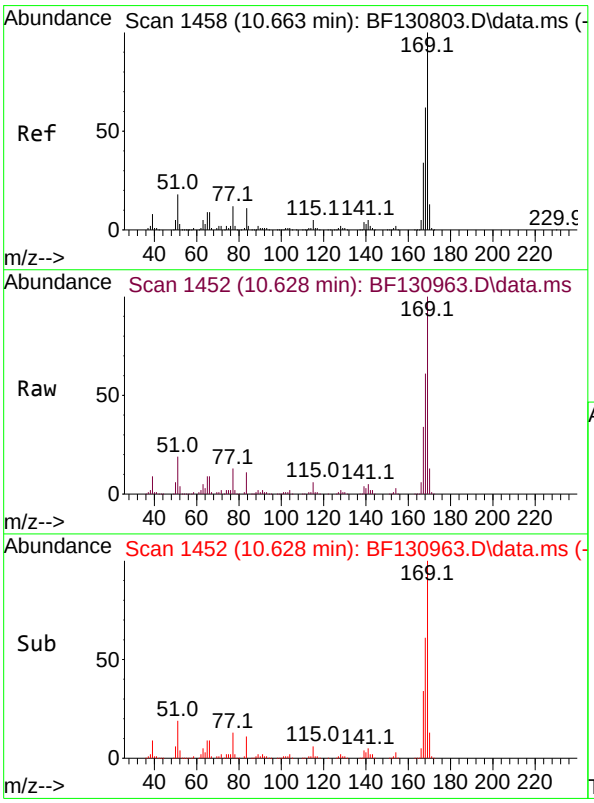
#65
4,6-Dinitro-2-methylphenol
Concen: 42.047 ng
RT: 10.563 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion:198 Resp: 24149

Ion	Ratio	Lower	Upper
198	100		
51	48.6	39.0	79.0
105	41.1	30.6	70.6

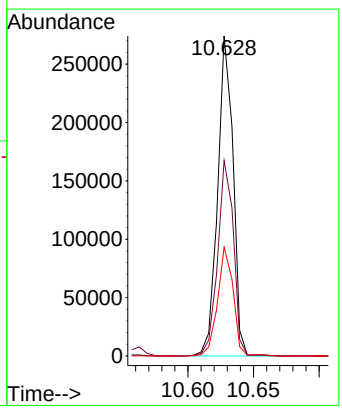


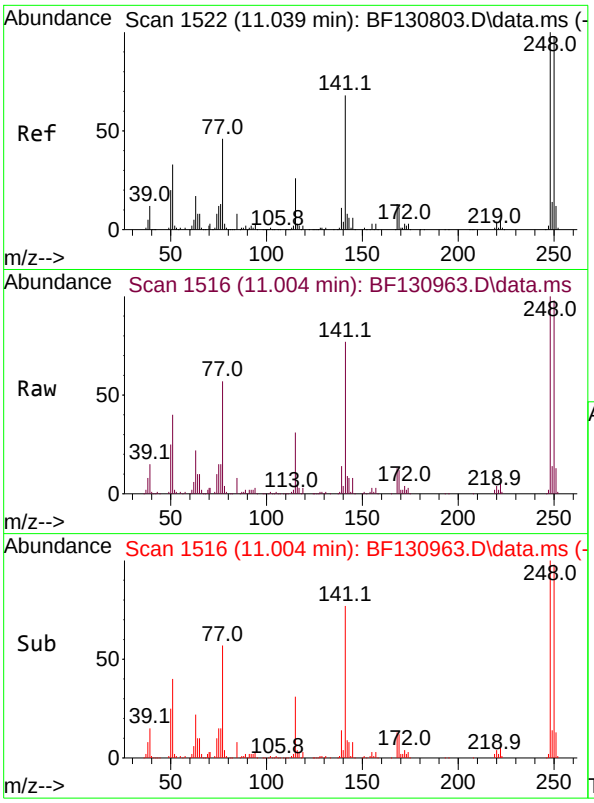


#66
n-Nitrosodiphenylamine
Concen: 50.573 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion:169 Resp: 223027

Ion	Ratio	Lower	Upper
169	100		
168	61.0	49.4	74.0
167	34.0	27.4	41.2



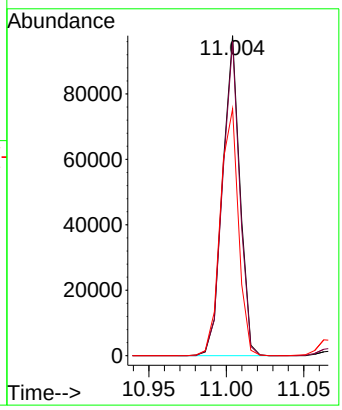


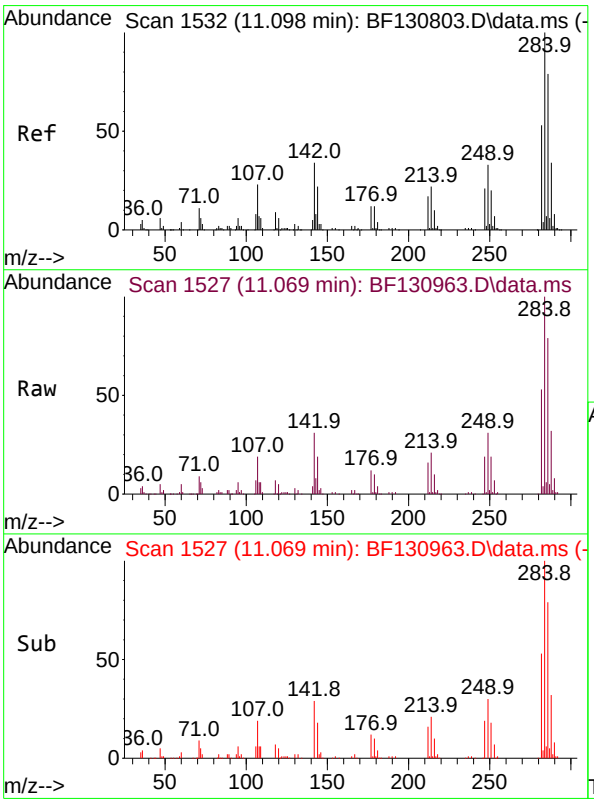
#67
4-Bromophenyl-phenylether
Concen: 53.256 ng
RT: 11.004 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion:248 Resp: 75721

Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.6	117.8
141	77.2	54.2	81.4

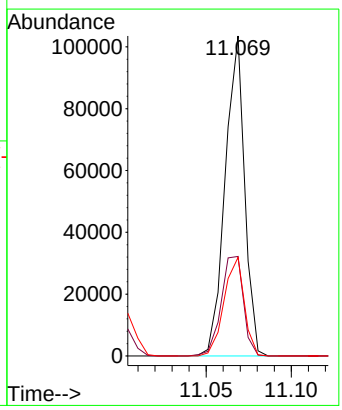


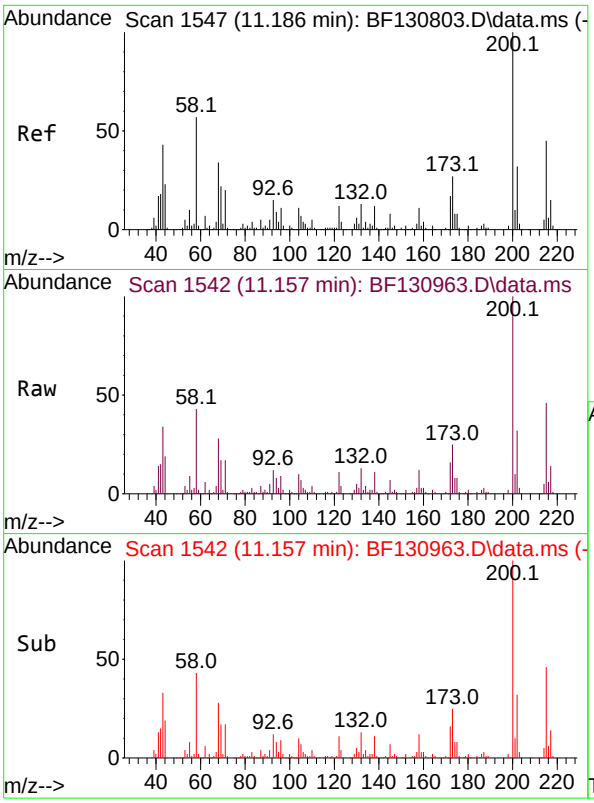


#68
Hexachlorobenzene
Concen: 52.496 ng
RT: 11.069 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion:284 Resp: 82239

Ion	Ratio	Lower	Upper
284	100		
142	31.1	27.1	40.7
249	30.8	26.6	39.8



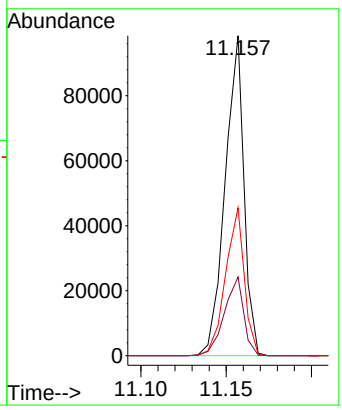


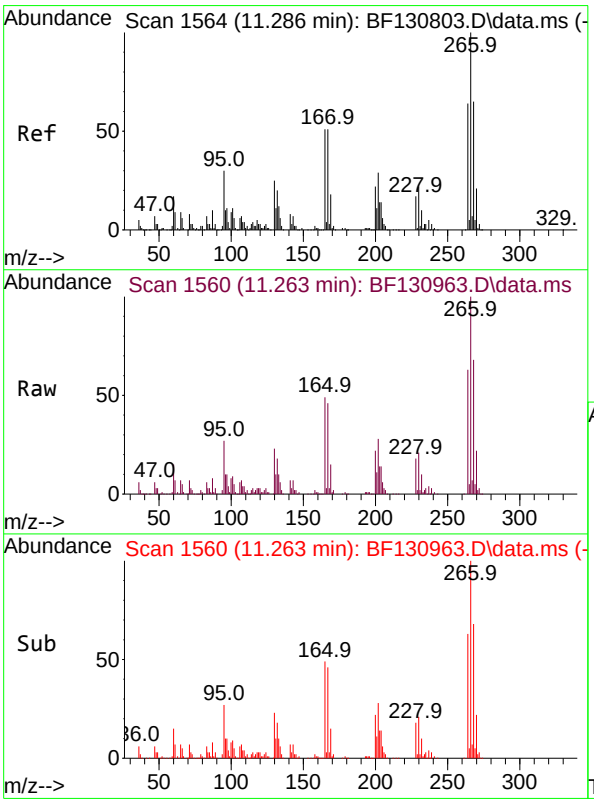
#69
Atrazine
Concen: 59.429 ng
RT: 11.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion:200 Resp: 75687

Ion	Ratio	Lower	Upper
200	100		
173	24.6	7.1	47.1
215	46.2	25.4	65.4

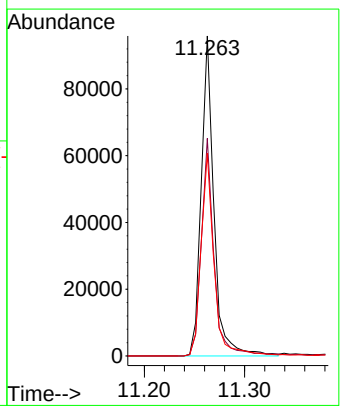


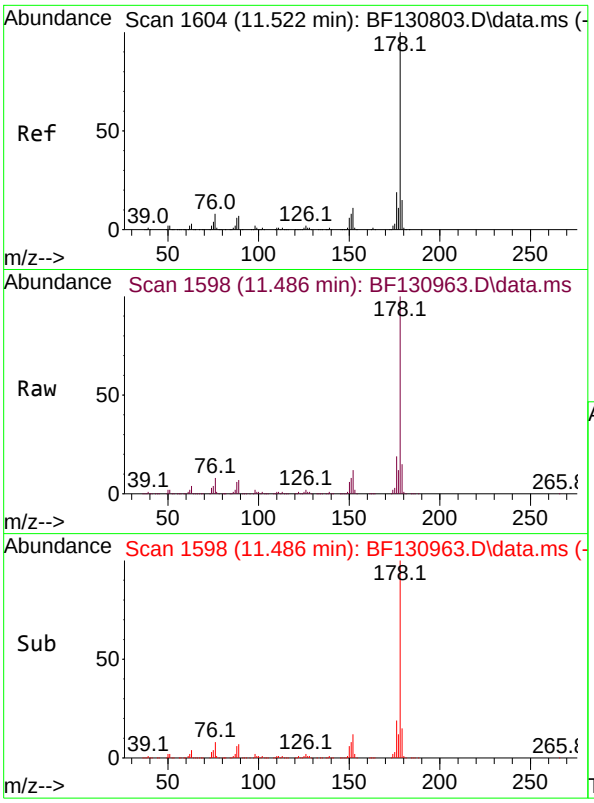


#70
Pentachlorophenol
Concen: 94.907 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion:266 Resp: 84840

Ion	Ratio	Lower	Upper
266	100		
268	68.0	51.8	77.6
264	63.4	51.6	77.4



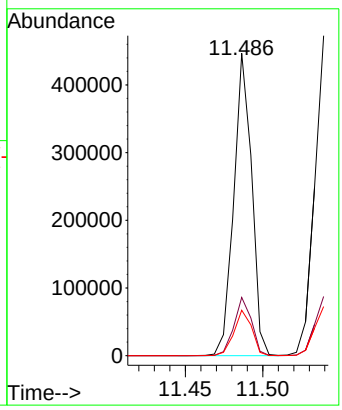


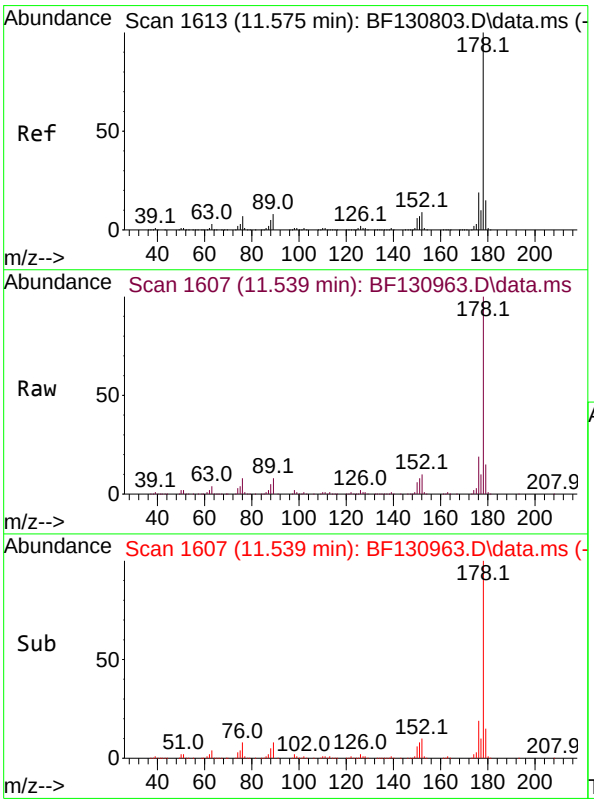
#71
Phenanthrene
Concen: 49.125 ng
RT: 11.486 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion:178 Resp: 358479

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.0	12.2	18.2

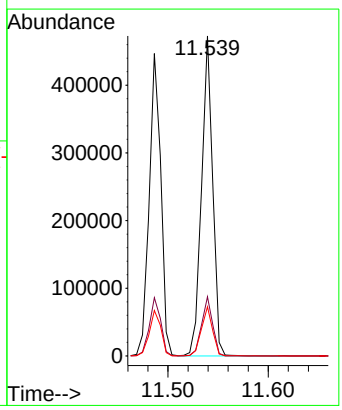


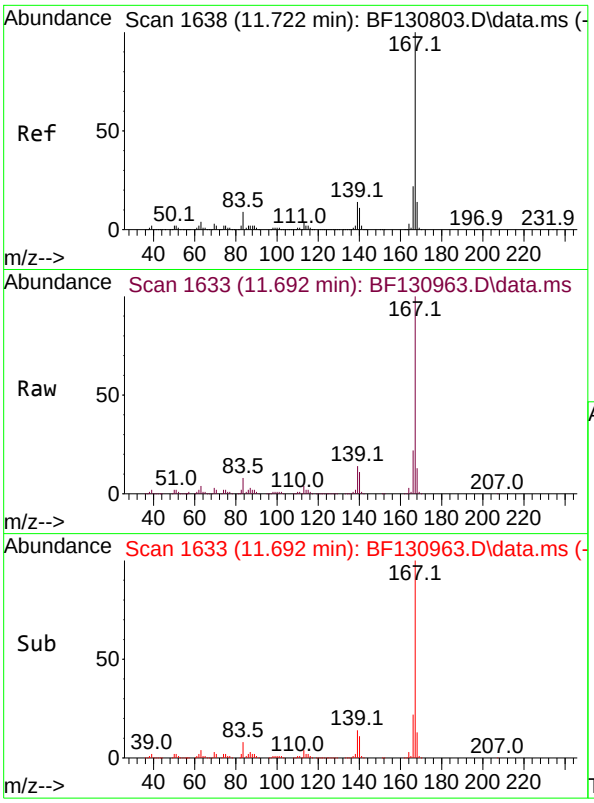


#72
Anthracene
Concen: 50.909 ng
RT: 11.539 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion:178 Resp: 366423

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.0
179	15.4	12.2	18.4



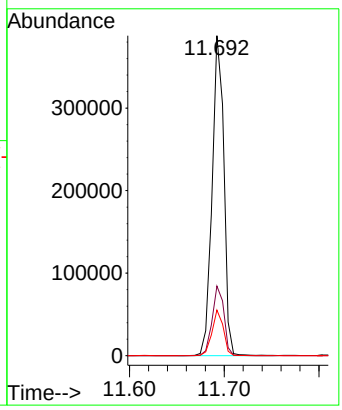


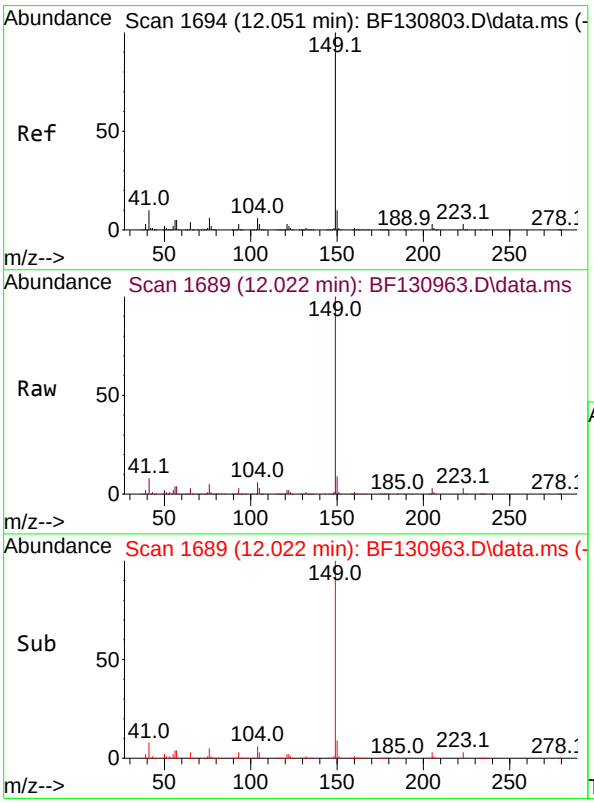
#73
Carbazole
Concen: 51.728 ng
RT: 11.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion:167 Resp: 333420

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	14.3	11.3	16.9

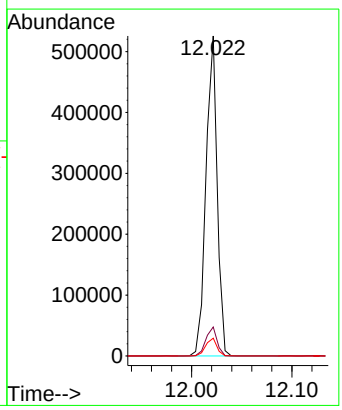


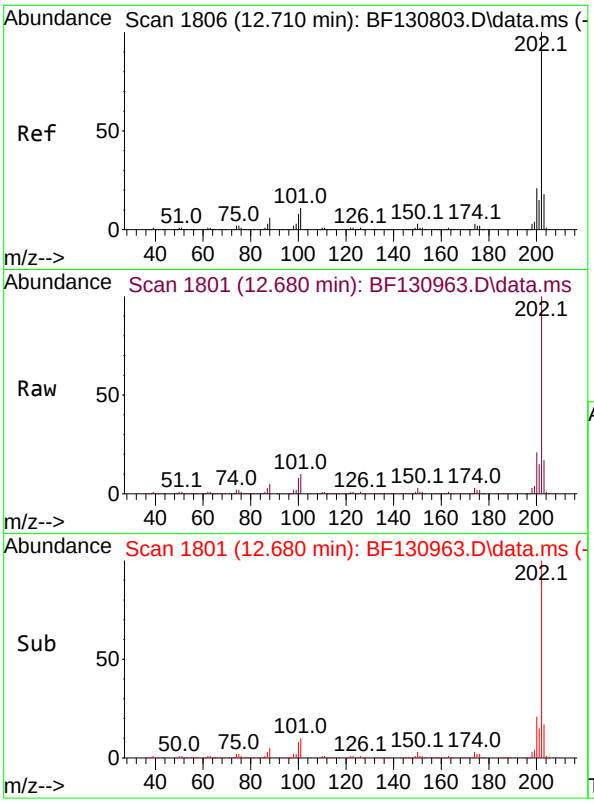


#74
Di-n-butylphthalate
Concen: 52.416 ng
RT: 12.022 min Scan# 1689
Delta R.T. 0.000 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion:149 Resp: 410318

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.8	11.6
104	5.5	4.6	6.8



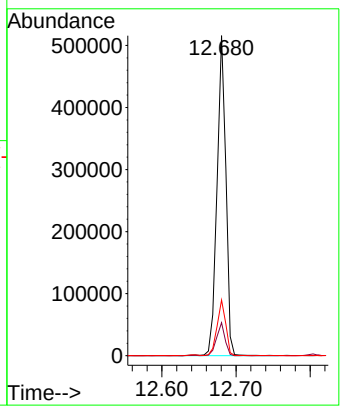


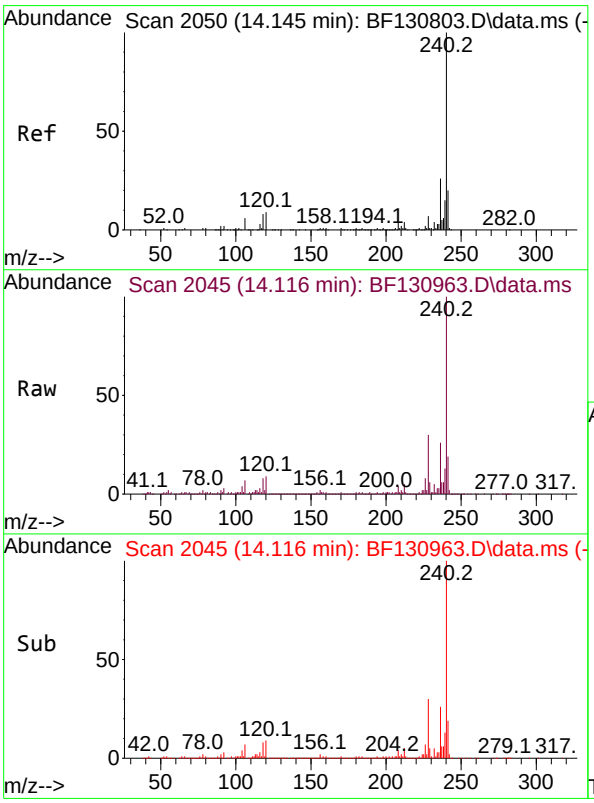
#75
Fluoranthene
Concen: 54.980 ng
RT: 12.680 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion:202 Resp: 426274

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	30.9
203	17.4	0.0	37.7

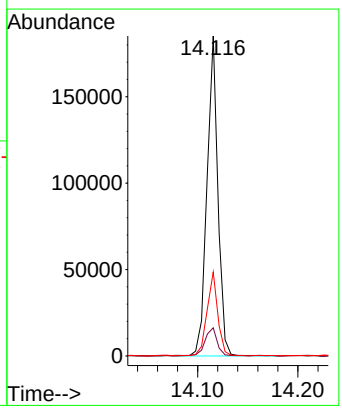


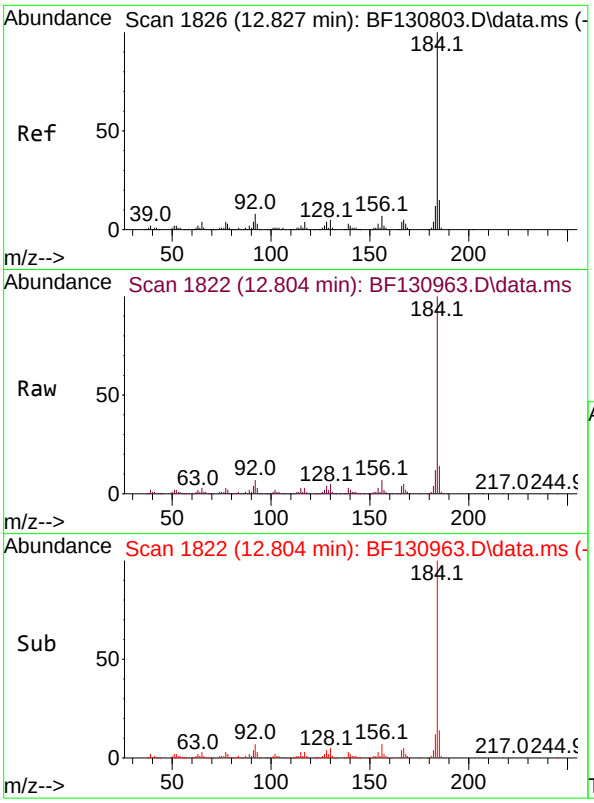


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2045
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion:240 Resp: 141005

Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.0	10.4
236	26.3	20.5	30.7



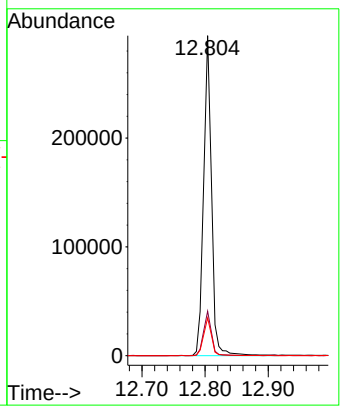


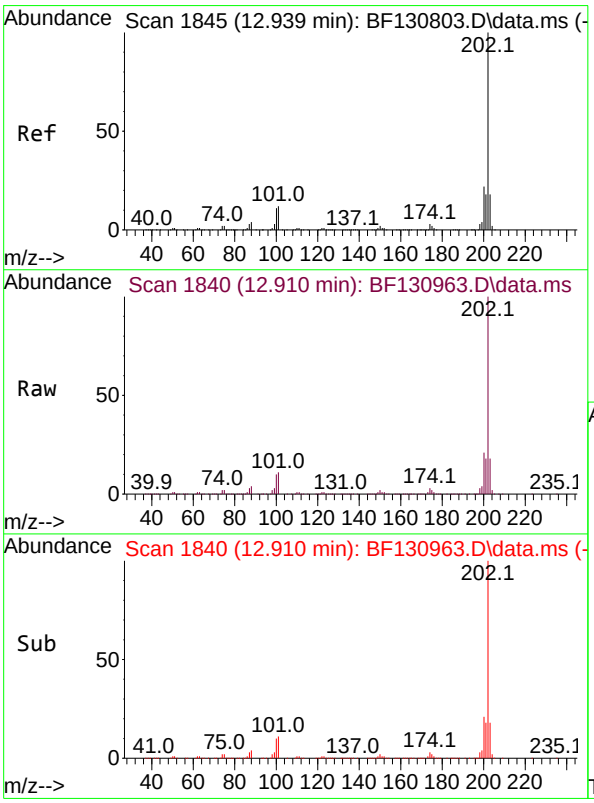
#77
Benzidine
Concen: 75.510 ng
RT: 12.804 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion:184 Resp: 258461

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.8	17.8
183	11.8	9.7	14.5

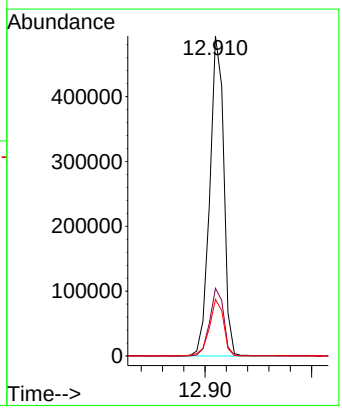


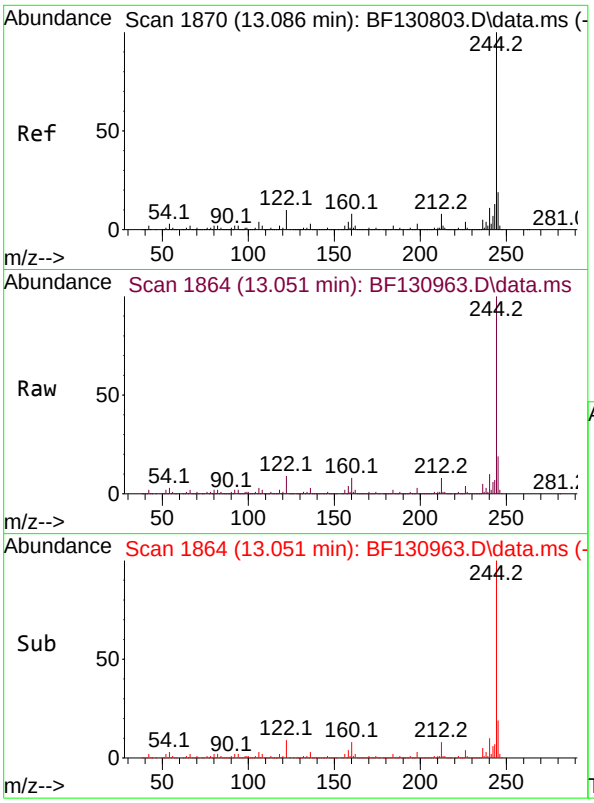


#78
Pyrene
Concen: 37.912 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion:202 Resp: 451008

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.2	25.8
203	17.7	14.5	21.7



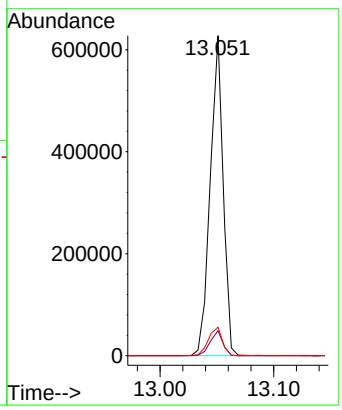


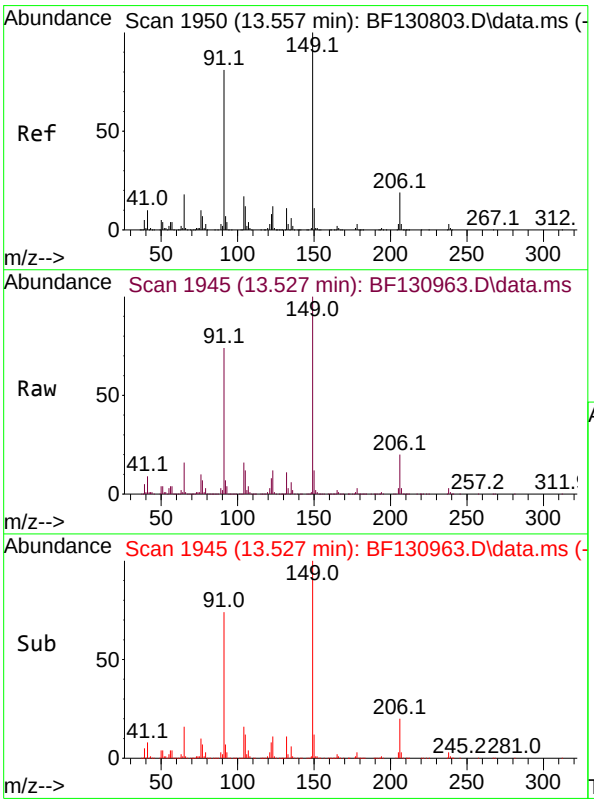
#79
Terphenyl-d14
Concen: 64.484 ng
RT: 13.051 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion:244 Resp: 496198

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	8.9	7.9	11.9

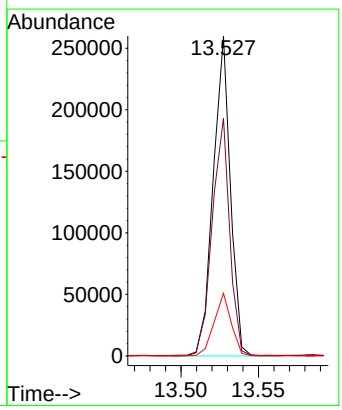


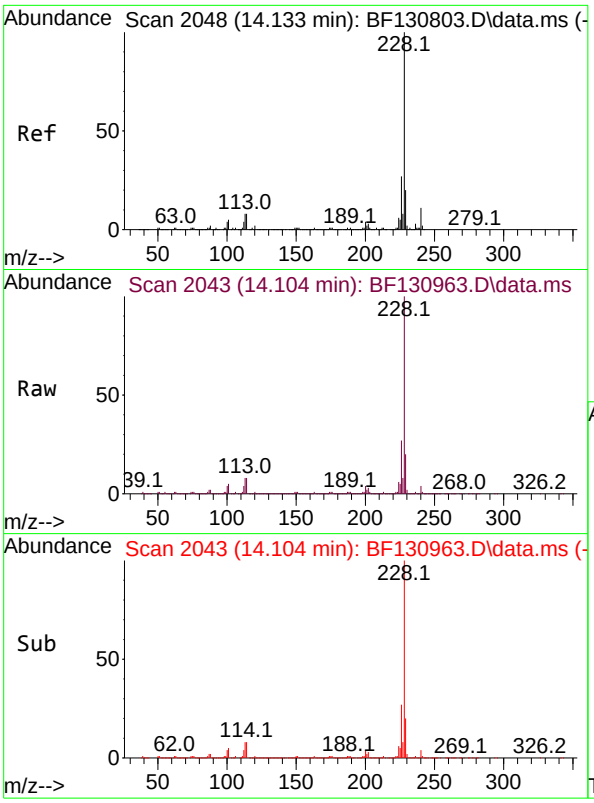


#80
Butylbenzylphthalate
Concen: 46.865 ng
RT: 13.527 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion:149 Resp: 200581

Ion	Ratio	Lower	Upper
149	100		
91	74.4	64.5	96.7
206	19.6	15.3	22.9



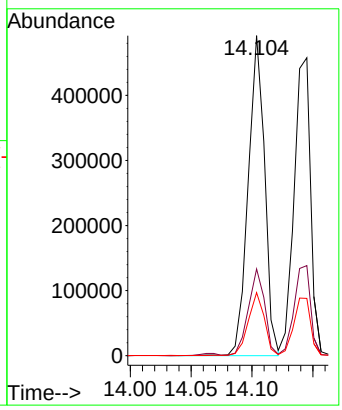


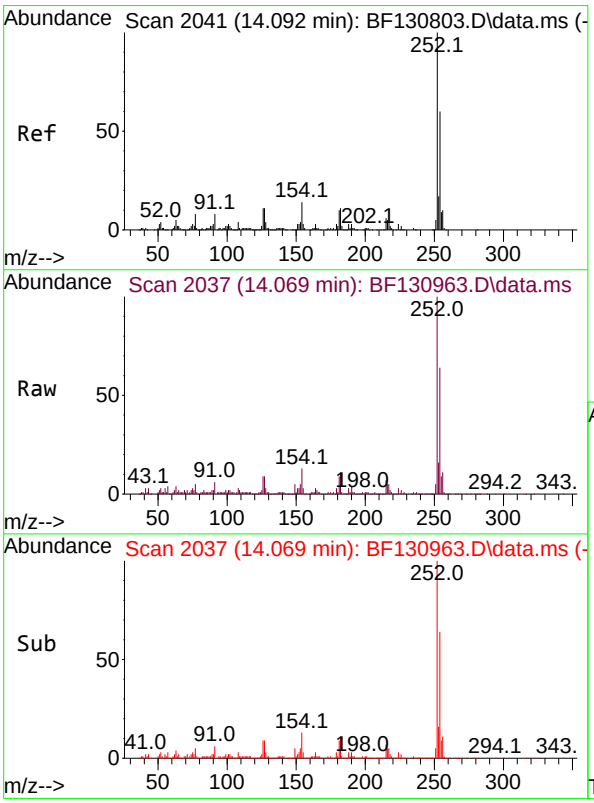
#81
Benzo(a)anthracene
Concen: 49.411 ng
RT: 14.104 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion:228 Resp: 461922

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.4	32.2
229	19.7	15.8	23.6

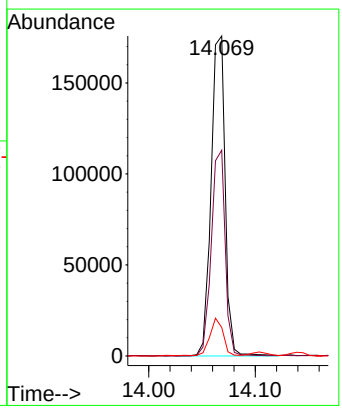


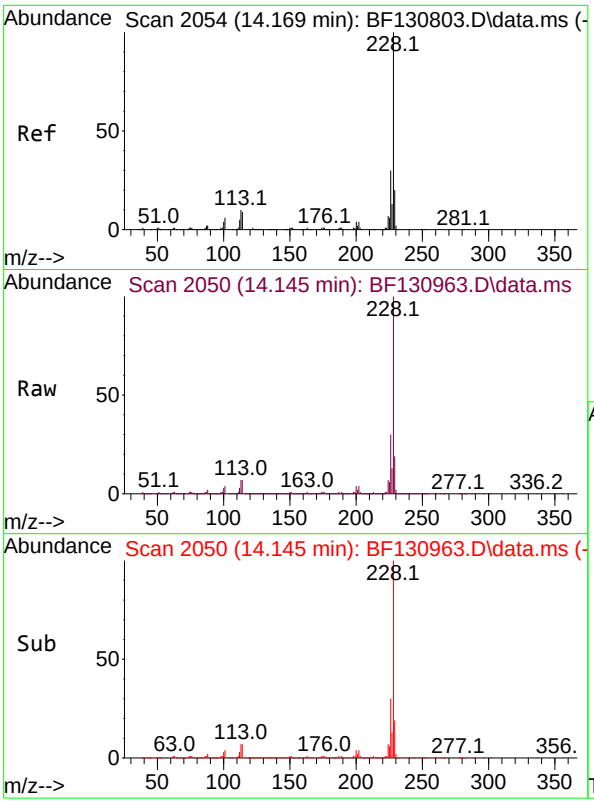


#82
3,3'-Dichlorobenzidine
Concen: 64.212 ng
RT: 14.069 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion:252 Resp: 162016

Ion	Ratio	Lower	Upper
252	100		
254	64.3	47.8	71.6
126	8.9	9.0	13.6#



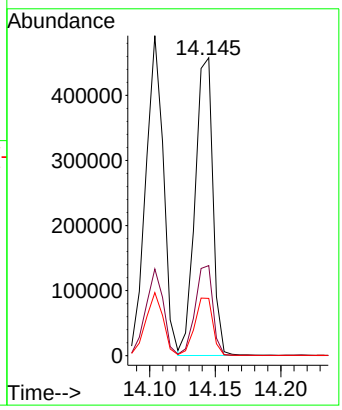


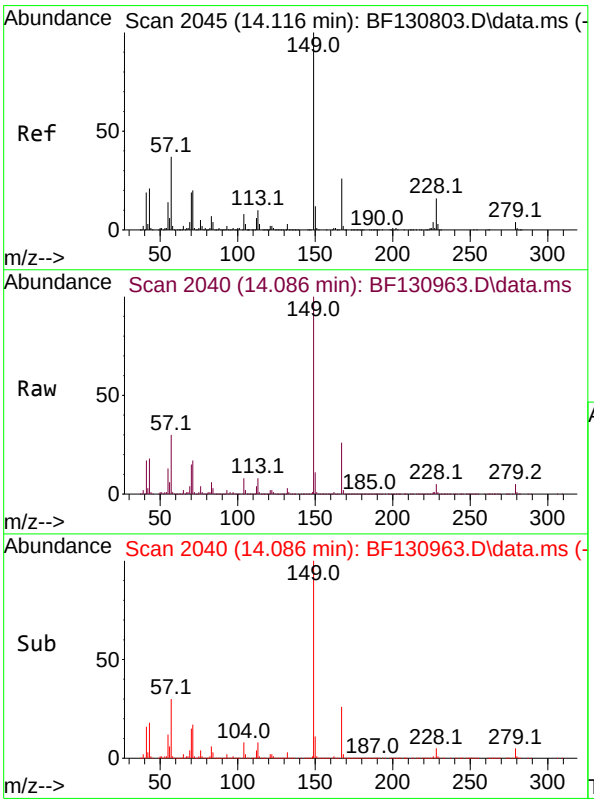
#83
Chrysene
Concen: 47.920 ng
RT: 14.145 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion:228 Resp: 432123

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	19.2	15.8	23.6

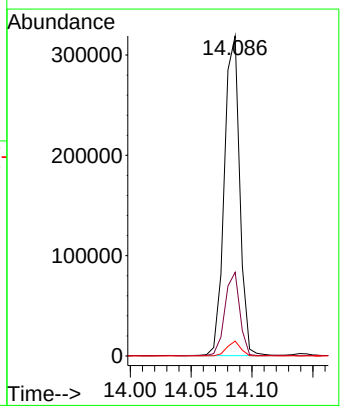


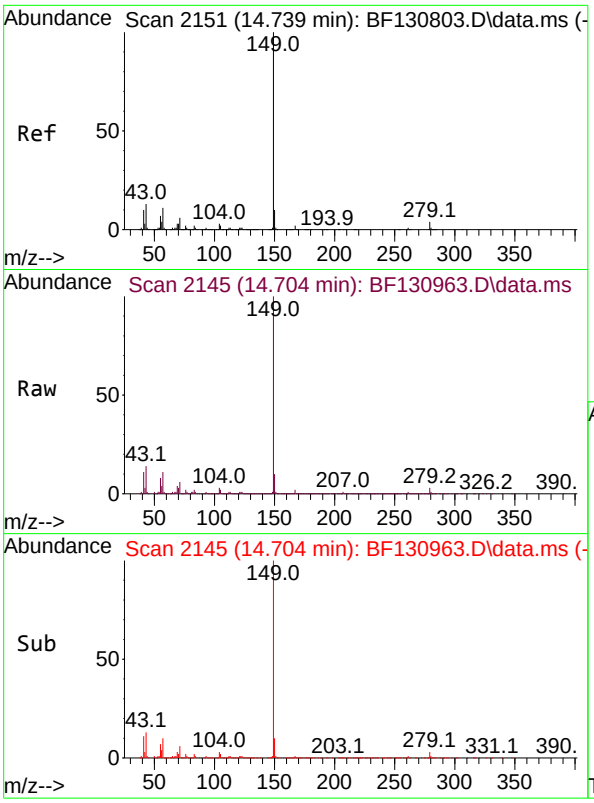


#84
Bis(2-ethylhexyl)phthalate
Concen: 54.364 ng
RT: 14.086 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion:149 Resp: 279759

Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.0	31.4
279	4.7	3.0	4.6#



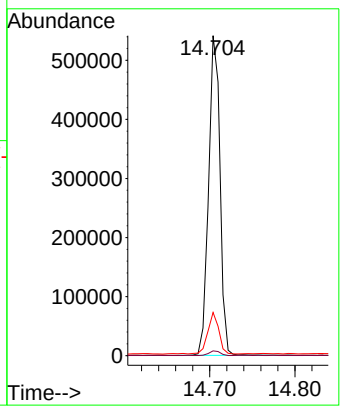


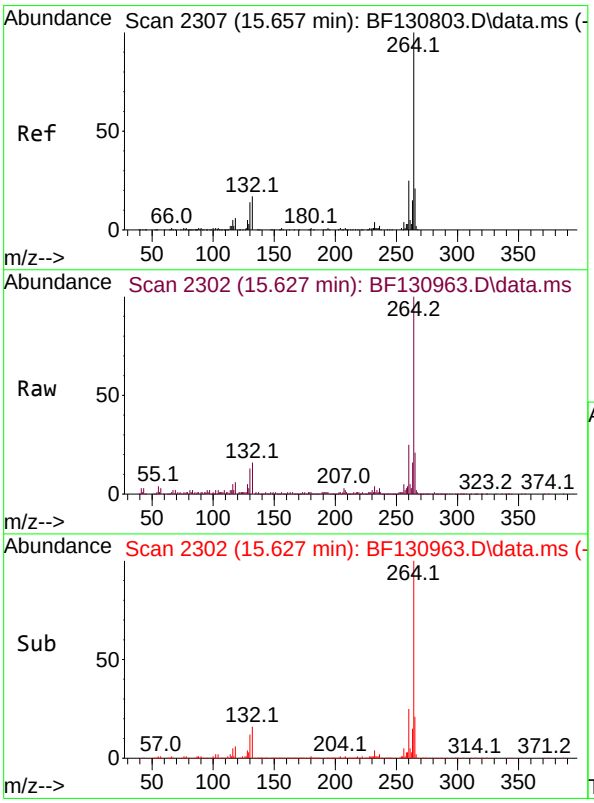
#85
Di-n-octyl phthalate
Concen: 70.690 ng
RT: 14.704 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion:149 Resp: 502060

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.3	1.9
43	12.9	10.2	15.2

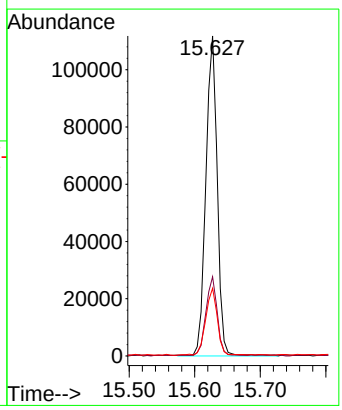


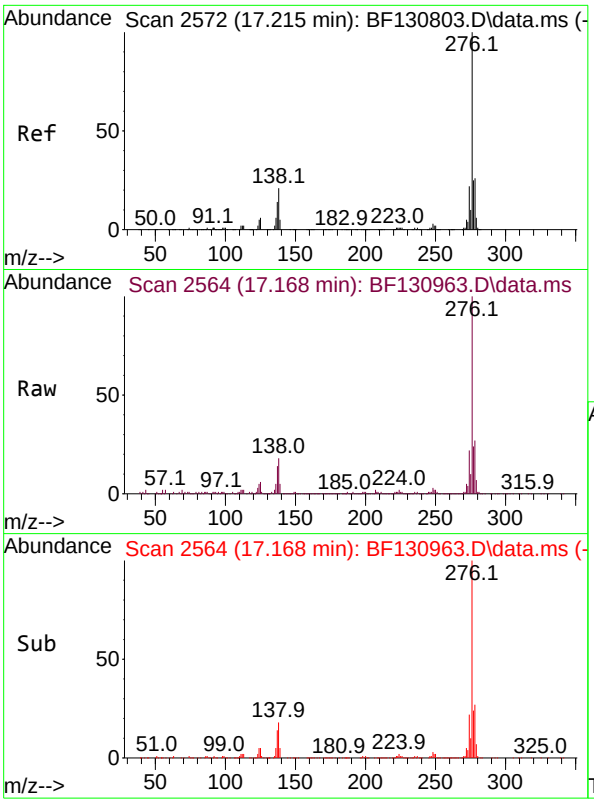


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2302
Delta R.T. 0.000 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion:264 Resp: 135765

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.9	29.9
265	21.2	17.0	25.6



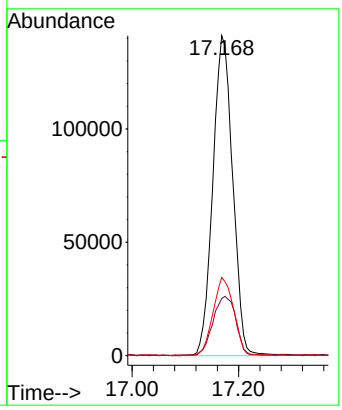


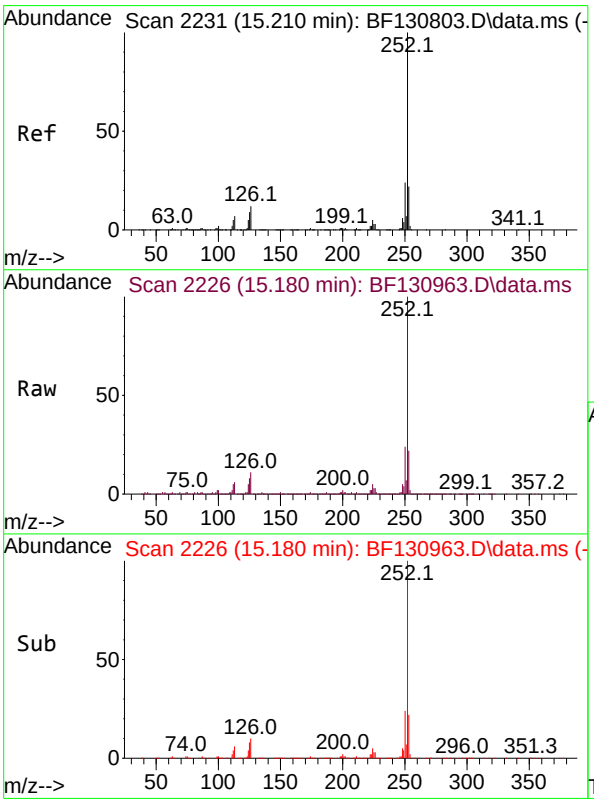
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.550 ng
RT: 17.168 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion:276 Resp: 365595

Ion	Ratio	Lower	Upper
276	100		
138	20.8	19.1	28.7
277	25.2	20.1	30.1

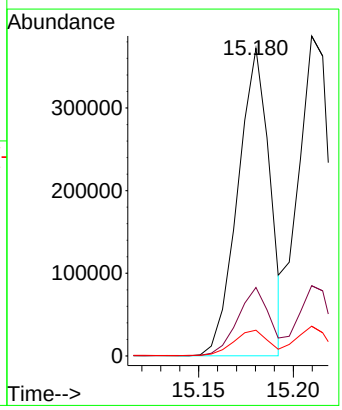


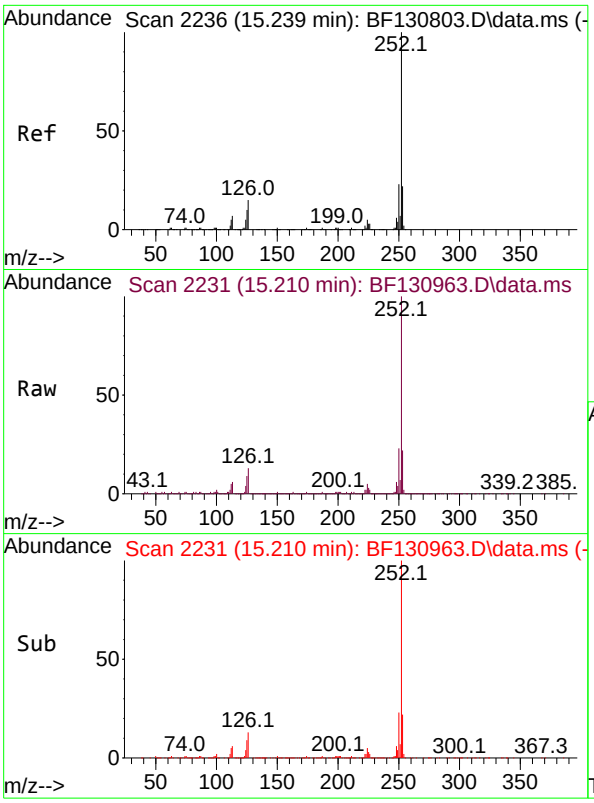


#88
Benzo(b)fluoranthene
Concen: 49.856 ng
RT: 15.180 min Scan# 2226
Delta R.T. 0.000 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion:252 Resp: 437547

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	8.4	7.0	10.4



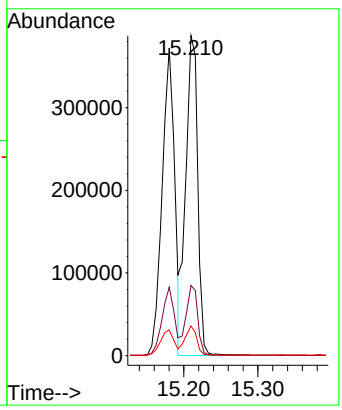


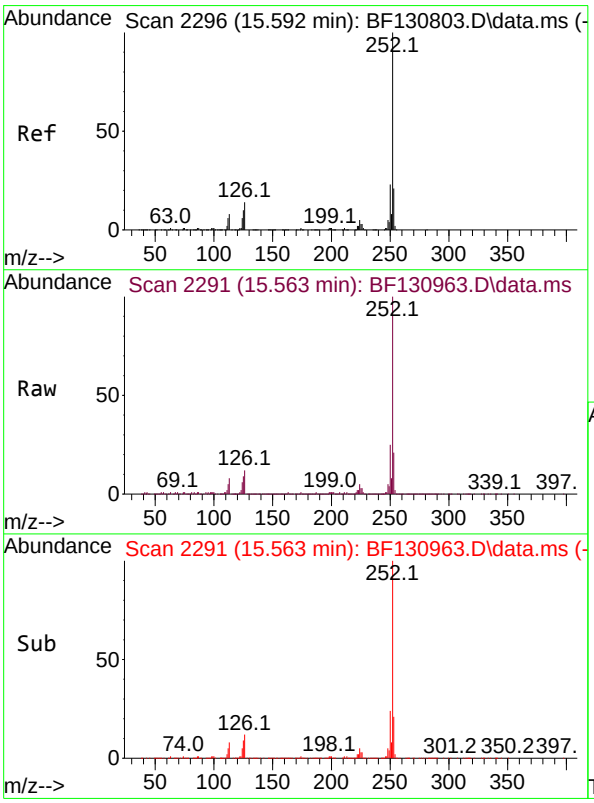
#89
Benzo(k)fluoranthene
Concen: 50.982 ng
RT: 15.210 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

Tgt Ion:252 Resp: 435993

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	9.3	8.0	12.0

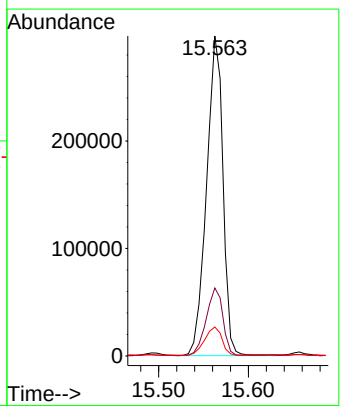


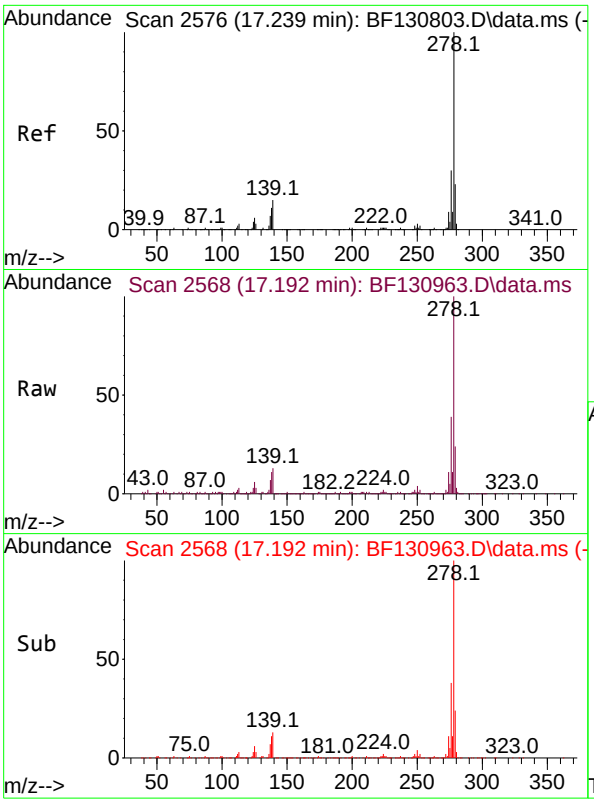


#90
Benzo(a)pyrene
Concen: 53.532 ng
RT: 15.563 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion:252 Resp: 377667

Ion	Ratio	Lower	Upper
252	100		
253	21.3	16.8	25.2
125	9.1	8.3	12.5



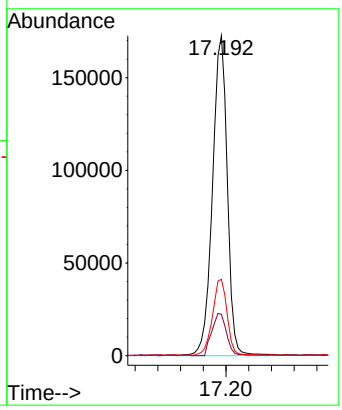


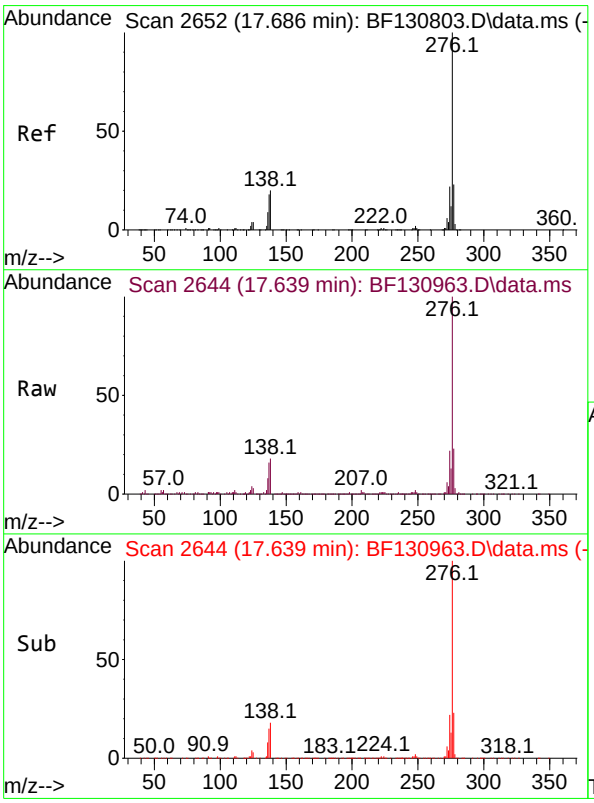
#91
Dibenzo(a,h)anthracene
Concen: 42.482 ng
RT: 17.192 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Instrument :
BNA_F
ClientSampleId :
TP-CMSD

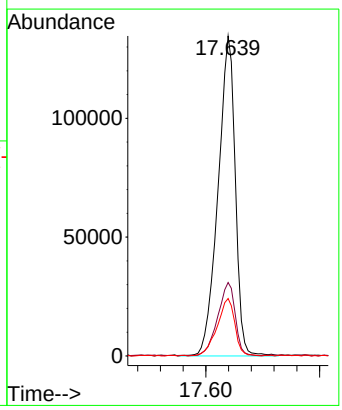
Tgt Ion:278 Resp: 312228

Ion	Ratio	Lower	Upper
278	100		
139	12.9	11.9	17.9
279	23.9	18.6	28.0





#92
Benzo(g,h,i)perylene
Concen: 37.976 ng
RT: 17.639 min Scan# 2644
Delta R.T. -0.012 min
Lab File: BF130963.D
Acq: 03 Nov 2022 15:07

Tgt Ion:276 Resp: 284751

Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.8	28.2
138	17.9	16.3	24.5