Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
Data File : BF140434.D
Acq On : 16 Nov 2024 17:08
Operator : RC/JU
Sample : P4823-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-4

Quant Time: Nov 18 00:08:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	117456	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	439698	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	233669	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	392979	20.000	ng		0.00
76) Chrysene-d12	14.045	240	249274	20.000	ng		0.00
86) Perylene-d12	15.527	264	209355	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	588499	85.546	ng		0.01
7) Phenol-d6	6.510	99	769274	82.537	ng		0.00
23) Nitrobenzene-d5	7.434	82	487529	57.771	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	180206	77.553	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	868756	59.767	ng		0.00
79) Terphenyl-d14	12.980	244	703640	48.997	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	65480	11.632	ng	#	75
25) Isophorone	7.434	82	479893	32.086	ng	#	67
51) 2,6-Dinitrotoluene	9.910	165	30492	8.782	ng	#	22
57) 2,4-Dinitrotoluene	9.910	165	30492	6.672	ng	#	20
63) Azobenzene	10.622	77	137806	8.955	ng	#	1
67) 4-Bromophenyl-phenylether	10.698	248	11222	2.857	ng	#	1
71) Phenanthrene	11.422	178	148135	8.024	ng		98
72) Anthracene	11.474	178	44089	2.437	ng		99
75) Fluoranthene	12.616	202	516328	24.930	ng		99
78) Pyrene	12.845	202	478427	22.438	ng		100
81) Benzo(a)anthracene	14.033	228	370746	22.630	ng		98
83) Chrysene	14.068	228	278222	18.613	ng		98
87) Indeno(1,2,3-cd)pyrene	17.021	276	114143	8.826	ng		96
88) Benzo(b)fluoranthene	15.092	252	483177	35.281	ng		98
89) Benzo(k)fluoranthene	15.092	252	483177	43.188	ng		97
90) Benzo(a)pyrene	15.462	252	224000	21.062	ng		98
91) Dibenzo(a,h)anthracene	17.027	278	30934	2.894	ng	#	87
92) Benzo(g,h,i)perylene	17.474	276	104242	9.538	ng		98

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

Quantitation Report (Not Reviewed)

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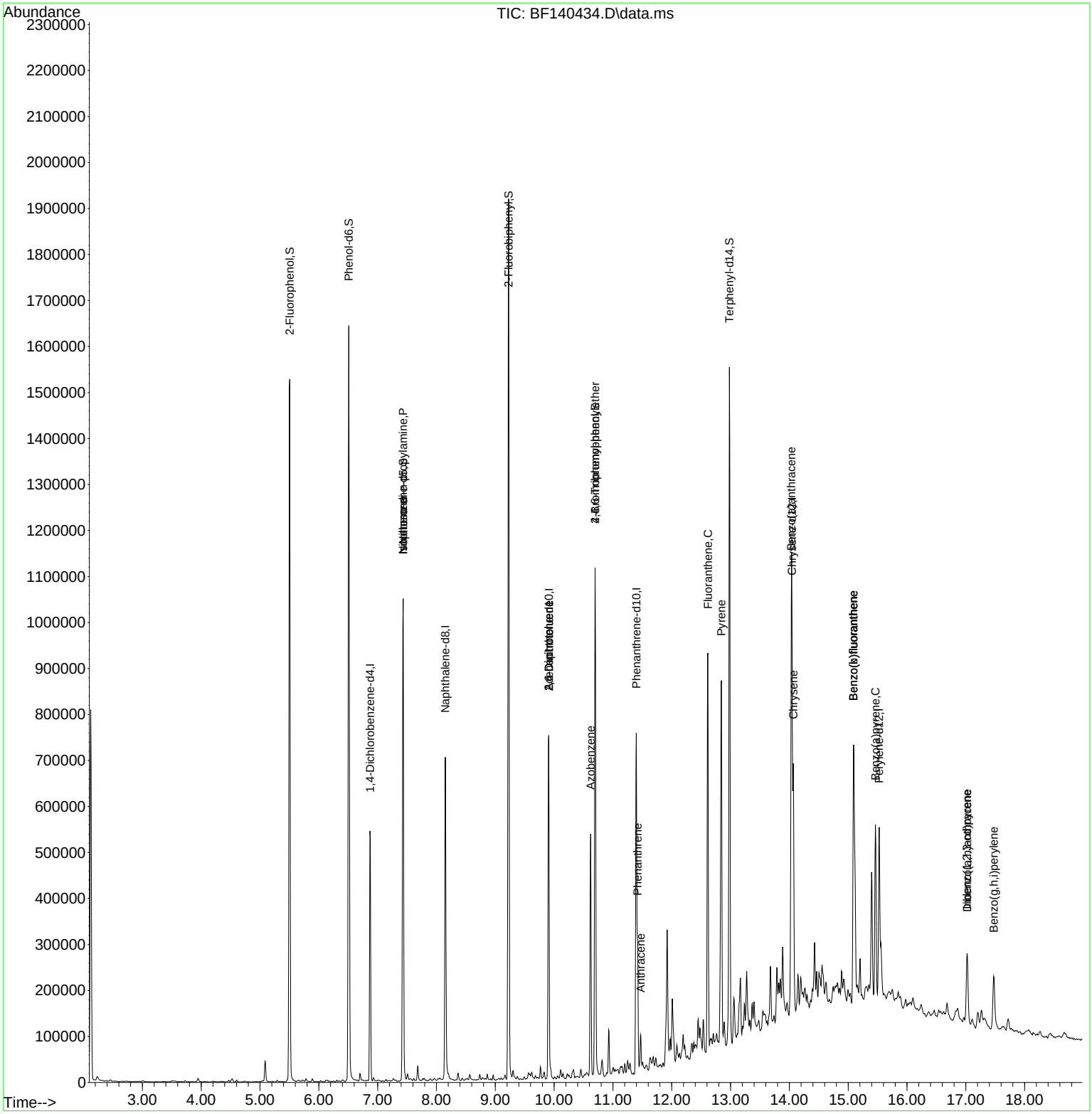
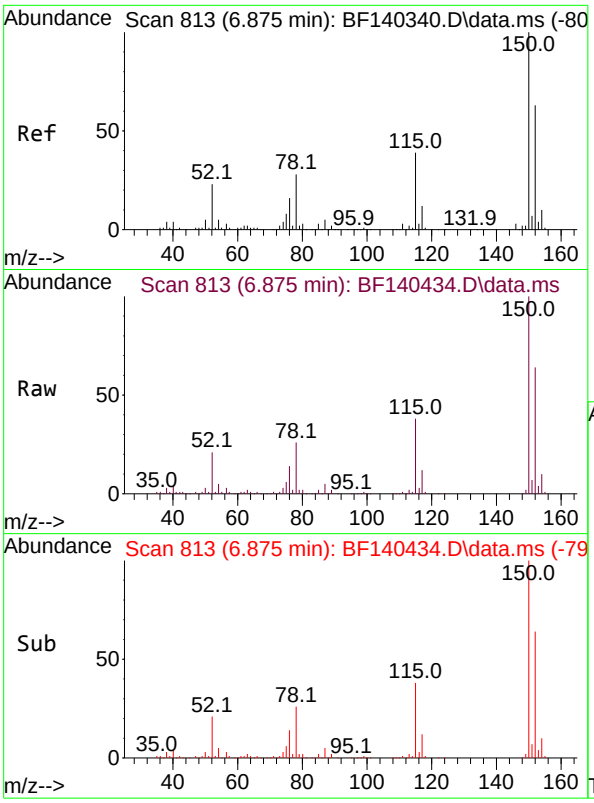


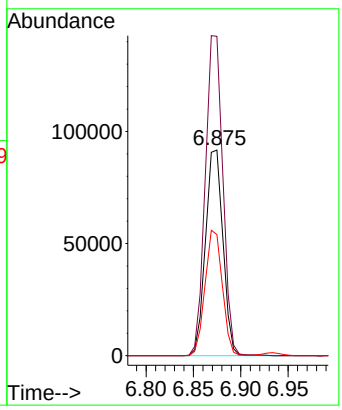


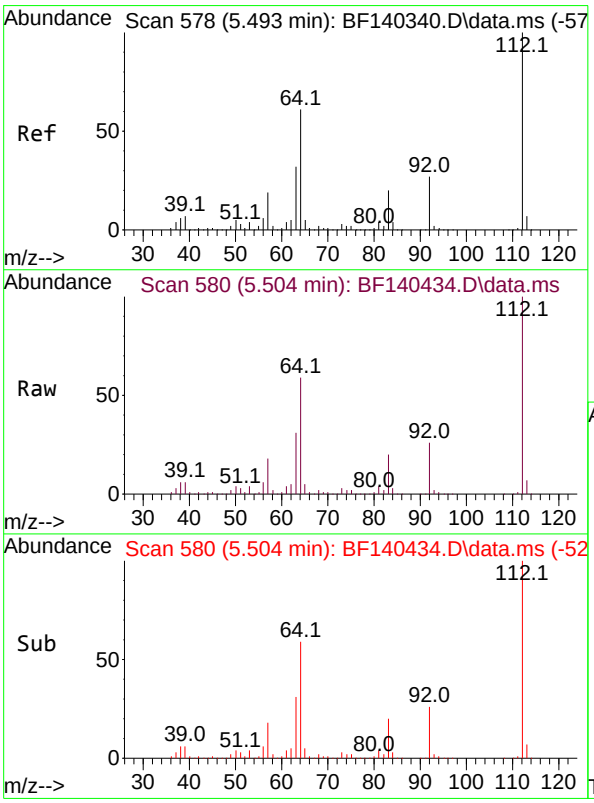
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF140434.D
Acq: 16 Nov 2024 17:08

Instrument :
BNA_F
ClientSampleId :
MH-4

Tgt Ion:152 Resp: 117456

Ion	Ratio	Lower	Upper
152	100		
150	155.3	127.4	191.0
115	58.9	47.4	71.2

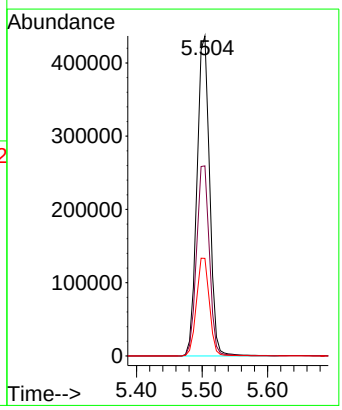


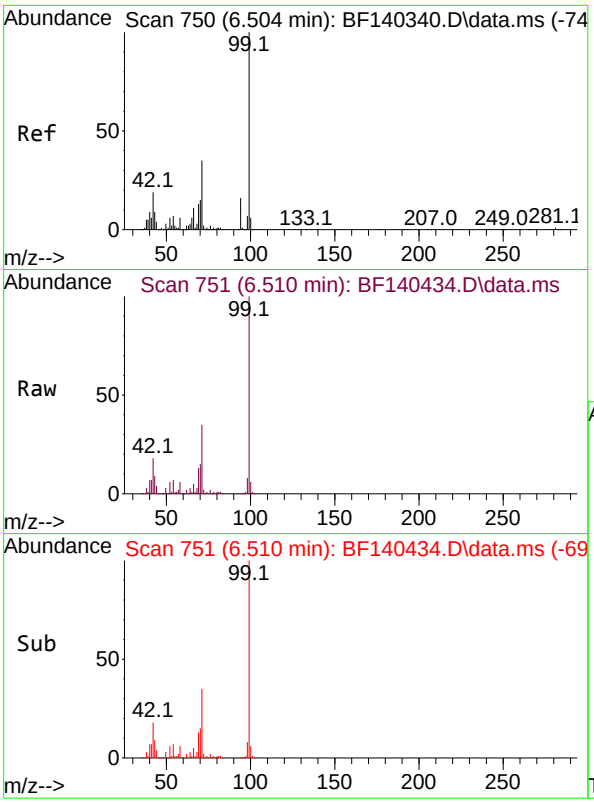


#5
2-Fluorophenol
Concen: 85.546 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140434.D
Acq: 16 Nov 2024 17:08

Tgt Ion:112 Resp: 588499

Ion	Ratio	Lower	Upper
112	100		
64	59.4	49.2	73.8
63	30.5	25.6	38.4



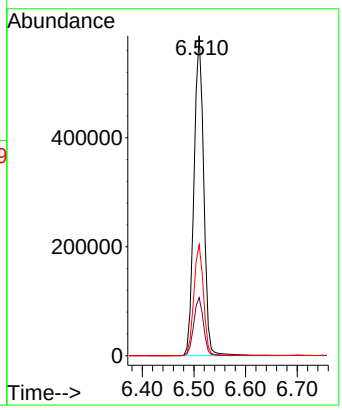


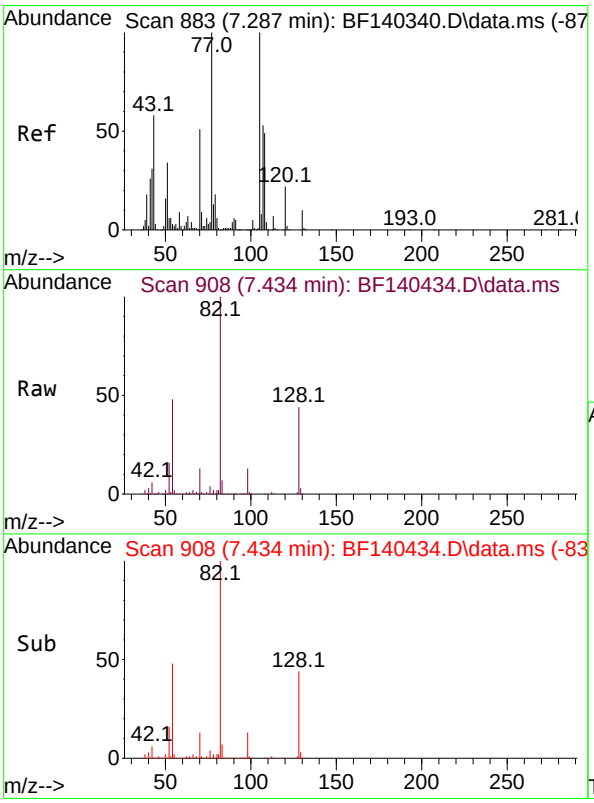
#7
Phenol-d6
Concen: 82.537 ng
RT: 6.510 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF140434.D
Acq: 16 Nov 2024 17:08

Instrument :
BNA_F
ClientSampleId :
MH-4

Tgt Ion: 99 Resp: 769274

Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.1	22.7
71	34.7	27.9	41.9

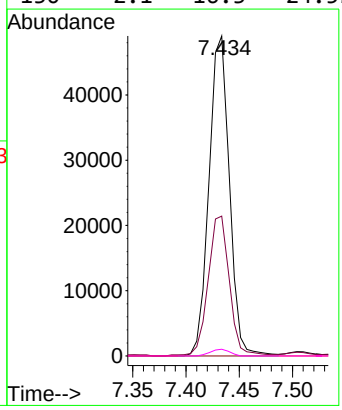


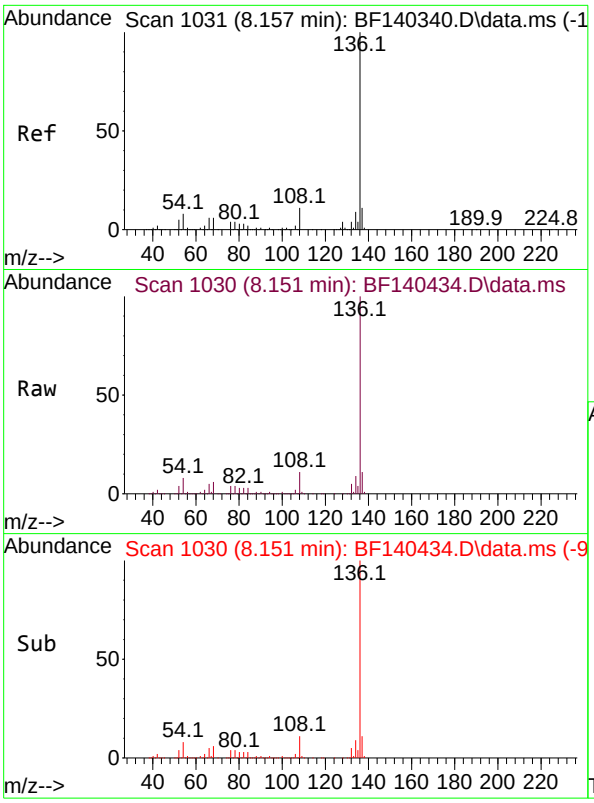


#19
n-Nitroso-di-n-propylamine
Concen: 11.632 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140434.D
Acq: 16 Nov 2024 17:08

Tgt Ion: 70 Resp: 65480

Ion	Ratio	Lower	Upper
70	100		
42	43.7	46.8	70.2#
101	0.0	7.5	11.3#
130	2.1	16.3	24.5#



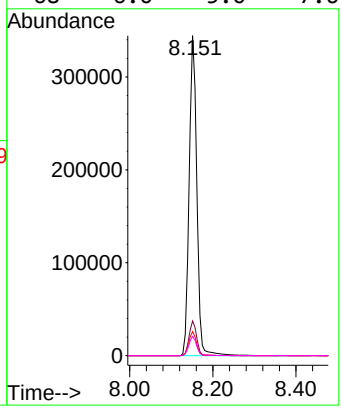


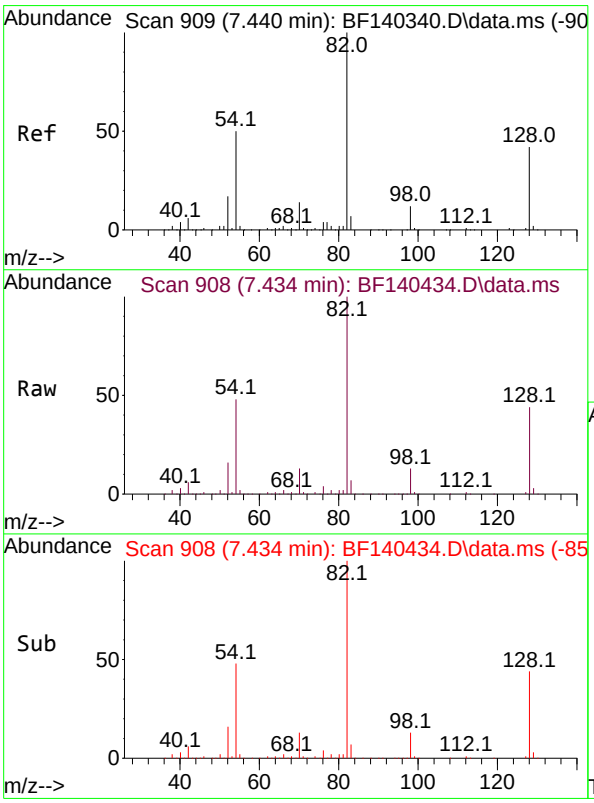
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140434.D
Acq: 16 Nov 2024 17:08

Instrument :
BNA_F
ClientSampleId :
MH-4

Tgt Ion:136 Resp: 439698

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.5	6.5	9.7
68	6.0	5.0	7.6

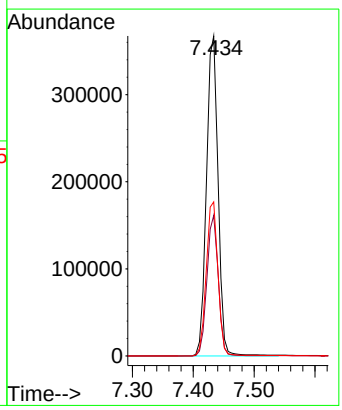


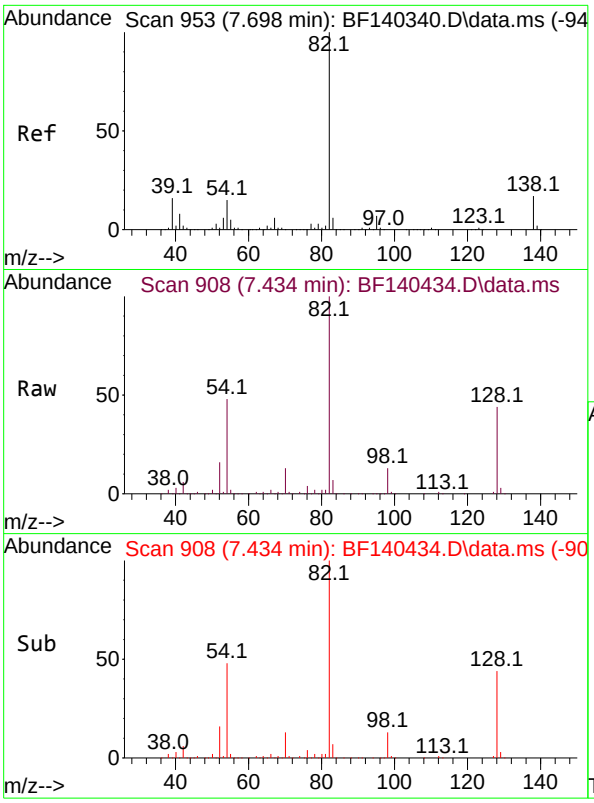


#23
Nitrobenzene-d5
Concen: 57.771 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140434.D
Acq: 16 Nov 2024 17:08

Tgt Ion: 82 Resp: 487529

Ion	Ratio	Lower	Upper
82	100		
128	43.9	33.3	49.9
54	48.2	39.8	59.8



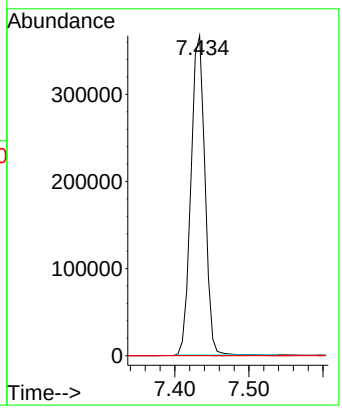


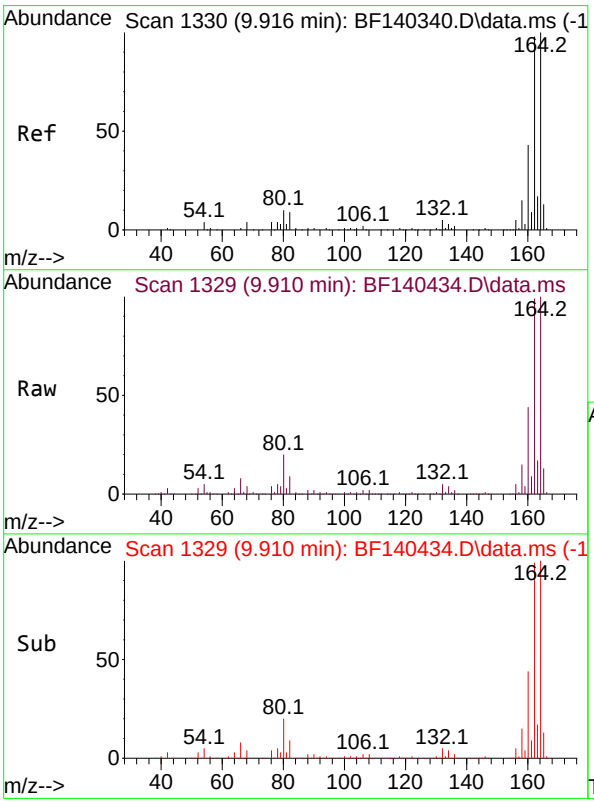
#25
Isophorone
Concen: 32.086 ng
RT: 7.434 min Scan# 9
Delta R.T. -0.265 min
Lab File: BF140434.D
Acq: 16 Nov 2024 17:08

Instrument :
BNA_F
ClientSampleId :
MH-4

Tgt Ion: 82 Resp: 479893

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.9	8.9#
138	0.0	13.4	20.2#

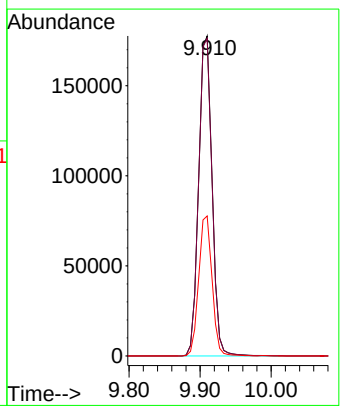


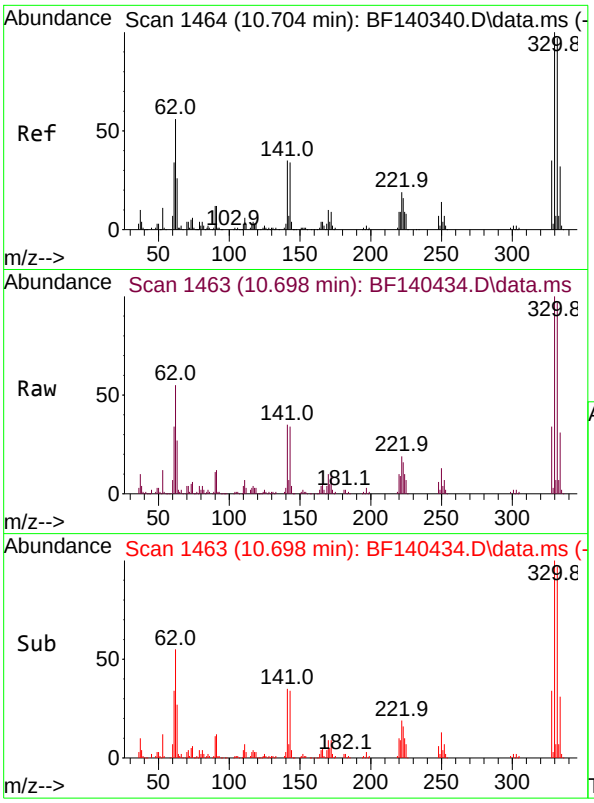


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140434.D
Acq: 16 Nov 2024 17:08

Tgt Ion:164 Resp: 233669

Ion	Ratio	Lower	Upper
164	100		
162	99.2	79.8	119.8
160	43.8	35.4	53.0



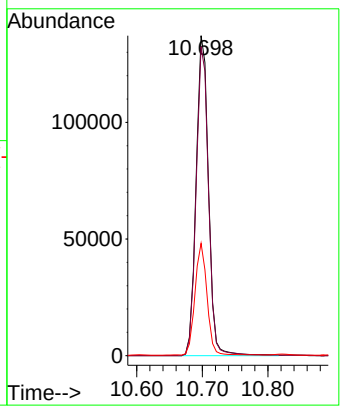


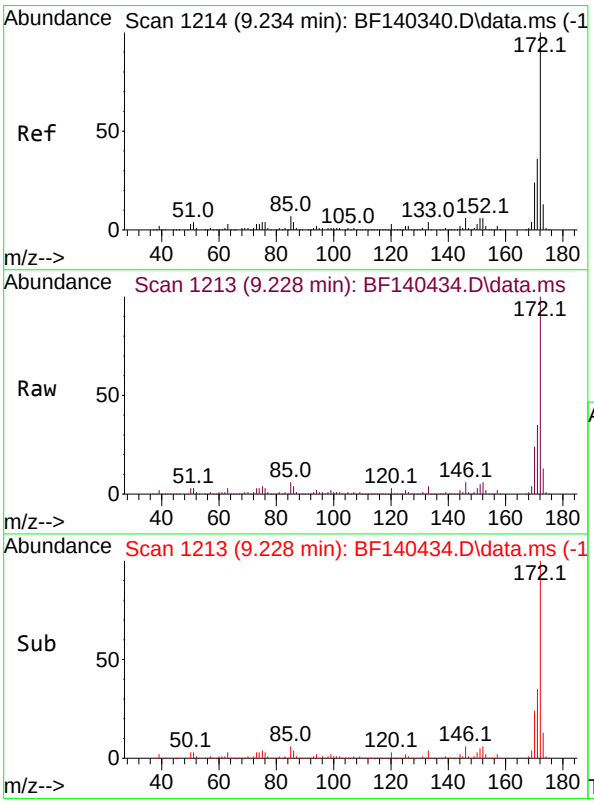
#42
2,4,6-Tribromophenol
Concen: 77.553 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF140434.D
Acq: 16 Nov 2024 17:08

Instrument :
BNA_F
ClientSampleId :
MH-4

Tgt Ion:330 Resp: 180206

Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.9	113.9
141	33.9	26.9	40.3

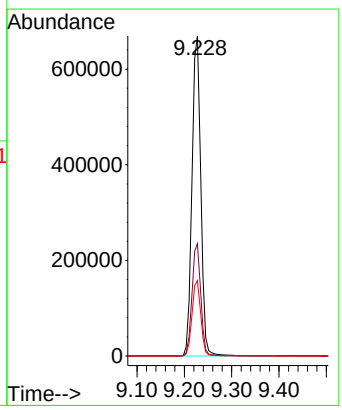


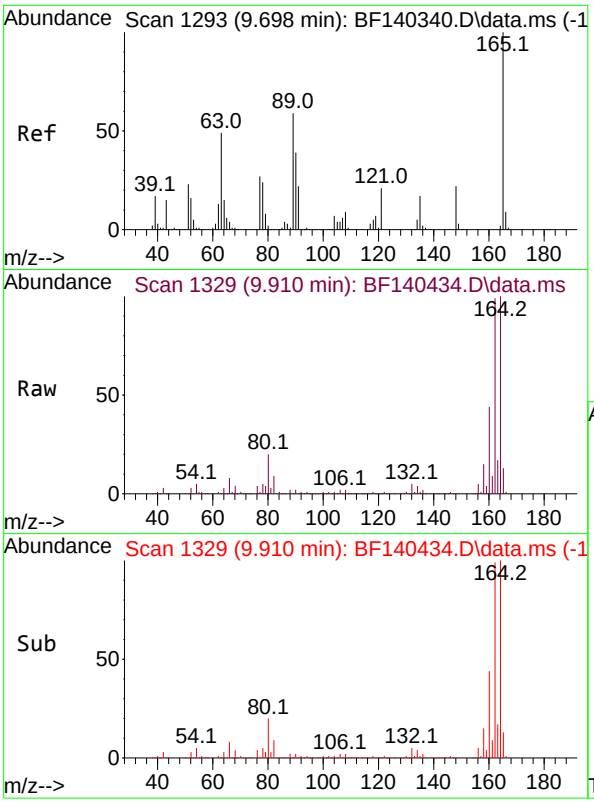


#45
2-Fluorobiphenyl
Concen: 59.767 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140434.D
Acq: 16 Nov 2024 17:08

Tgt Ion:172 Resp: 868756

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.6	19.1	28.7



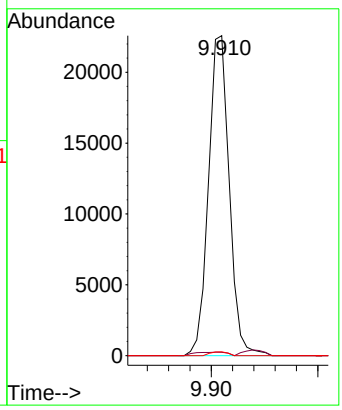


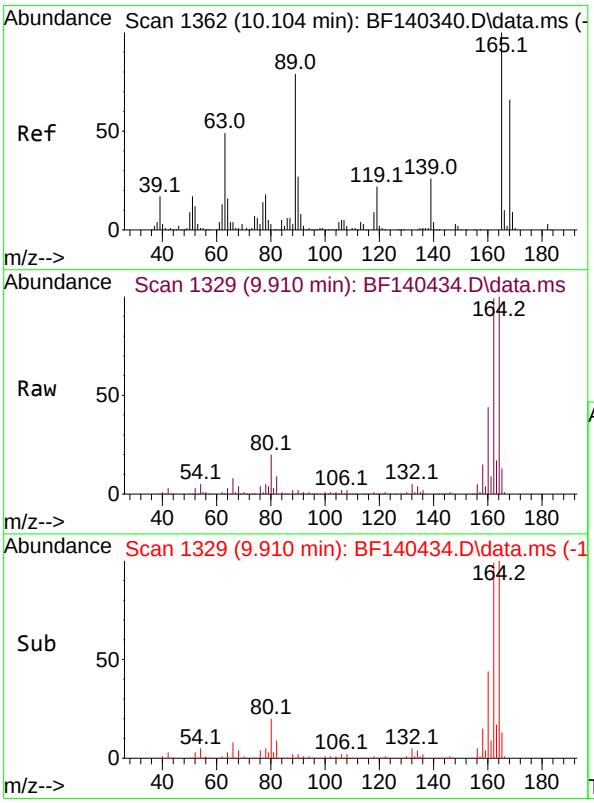
#51
2,6-Dinitrotoluene
Concen: 8.782 ng
RT: 9.910 min Scan# 1
Delta R.T. 0.212 min
Lab File: BF140434.D
Acq: 16 Nov 2024 17:08

Instrument :
BNA_F
ClientSampleId :
MH-4

Tgt Ion:165 Resp: 30492

Ion	Ratio	Lower	Upper
165	100		
63	1.1	47.6	71.4#
89	1.2	48.1	72.1#

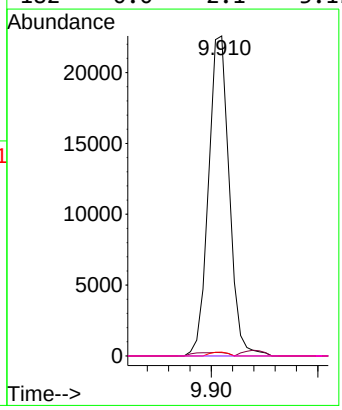


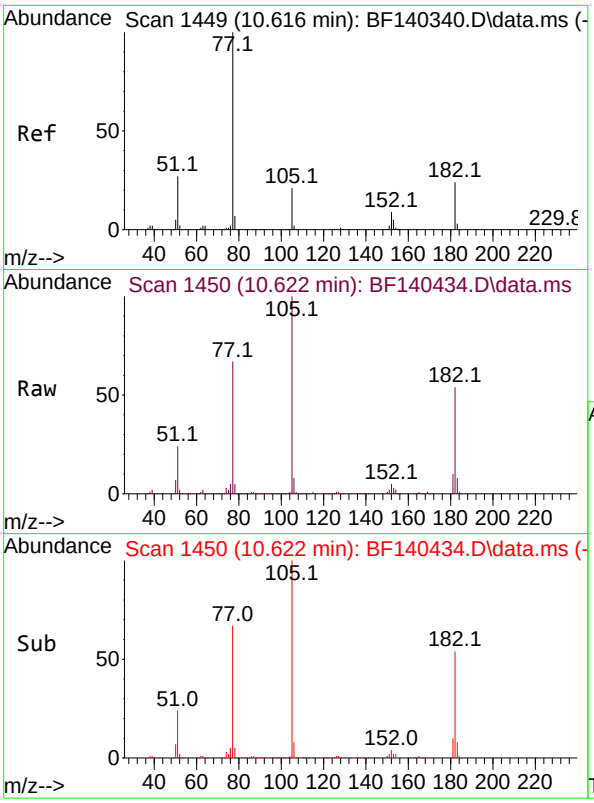


#57
2,4-Dinitrotoluene
Concen: 6.672 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140434.D
Acq: 16 Nov 2024 17:08

Tgt Ion:165 Resp: 30492

Ion	Ratio	Lower	Upper
165	100		
63	1.1	39.4	59.0#
89	1.2	62.4	93.6#
182	0.0	2.1	3.1#



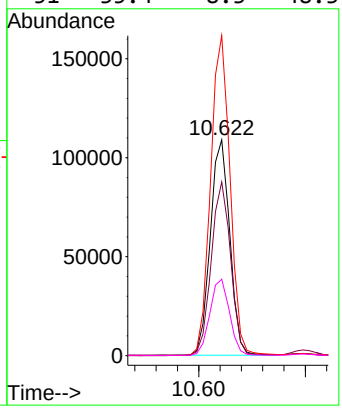


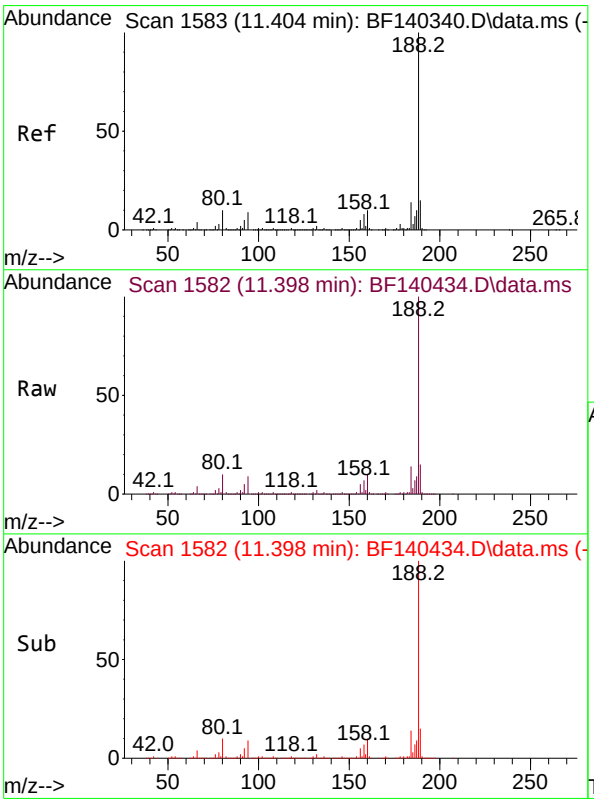
#63
Azobenzene
Concen: 8.955 ng
RT: 10.622 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF140434.D
Acq: 16 Nov 2024 17:08

Instrument :
BNA_F
ClientSampleId :
MH-4

Tgt Ion: 77 Resp: 137806

Ion	Ratio	Lower	Upper
77	100		
182	80.5	4.6	44.6#
105	148.2	0.9	40.9#
51	35.4	8.3	48.3

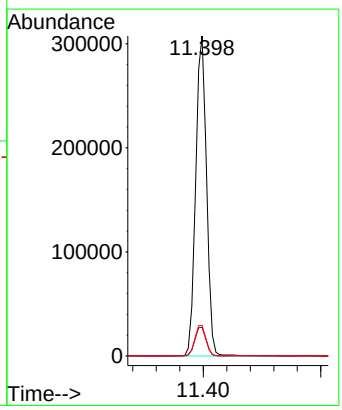


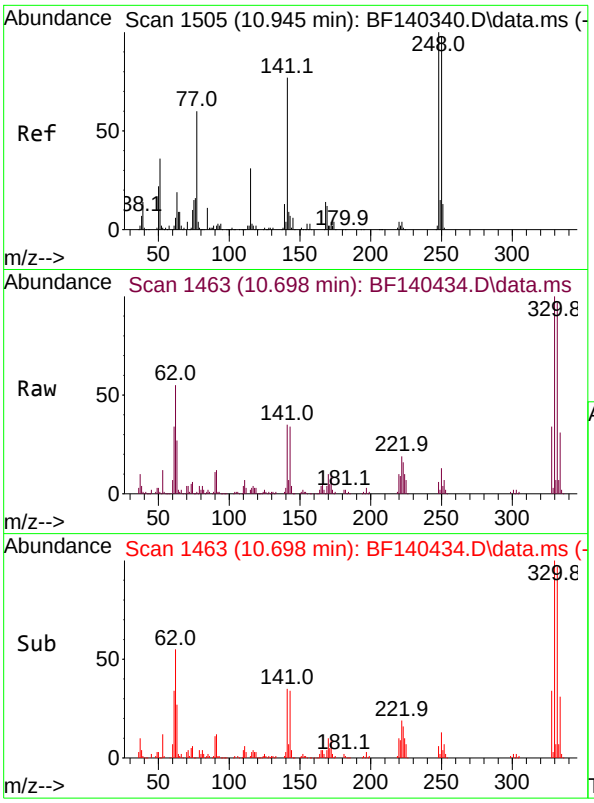


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140434.D
Acq: 16 Nov 2024 17:08

Tgt Ion:188 Resp: 392979

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.6	11.4
80	9.5	8.0	12.0



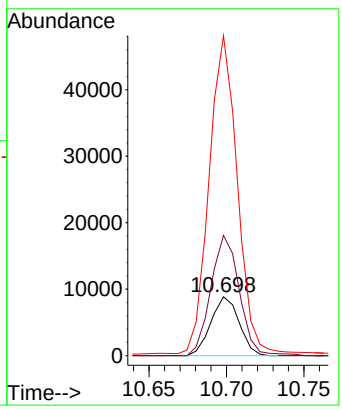


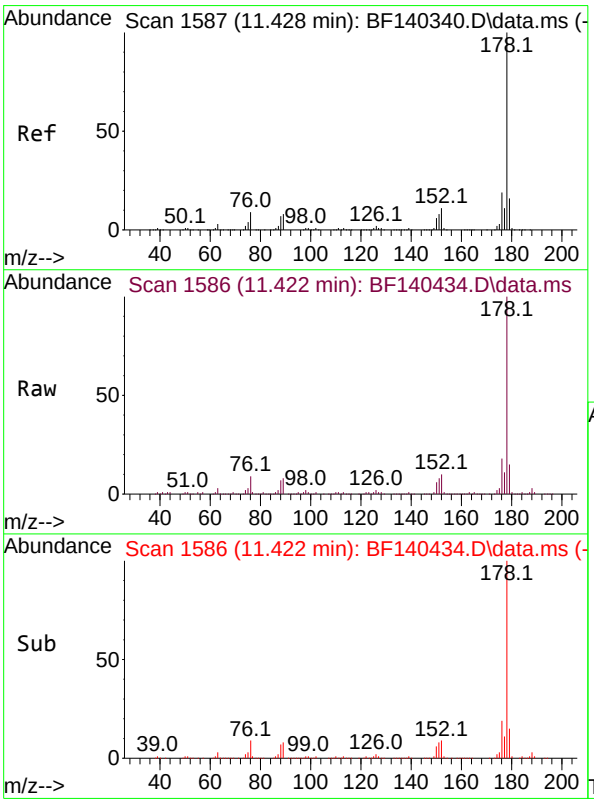
#67
4-Bromophenyl-phenylether
Concen: 2.857 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140434.D
Acq: 16 Nov 2024 17:08

Instrument :
BNA_F
ClientSampleId :
MH-4

Tgt Ion:248 Resp: 11222

Ion	Ratio	Lower	Upper
248	100		
250	204.3	77.9	116.9#
141	543.1	61.8	92.6#

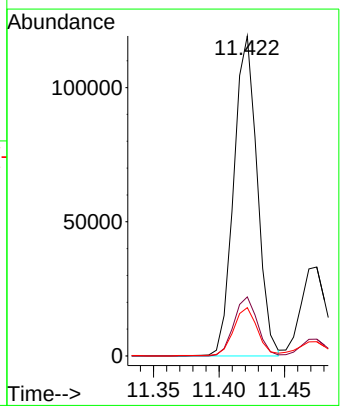


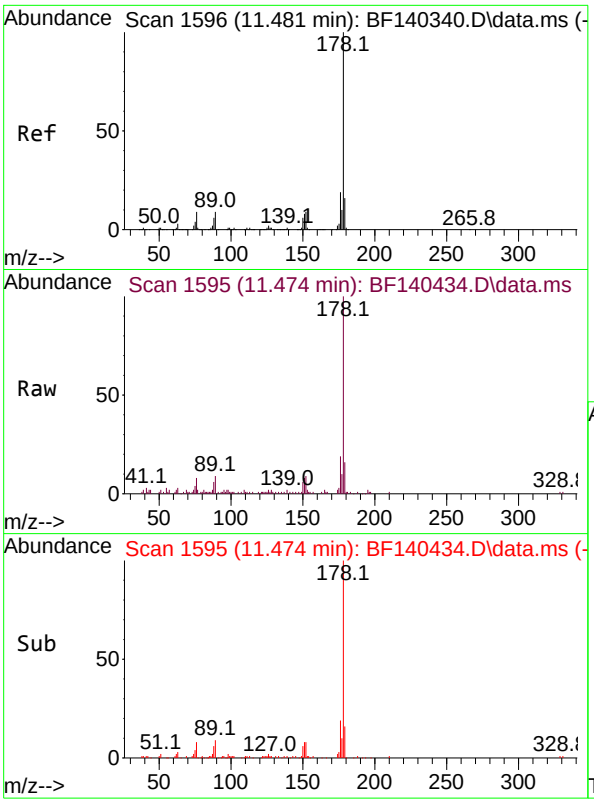


#71
Phenanthrene
Concen: 8.024 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140434.D
Acq: 16 Nov 2024 17:08

Tgt Ion:178 Resp: 148135

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.5	23.3
179	15.1	12.4	18.6



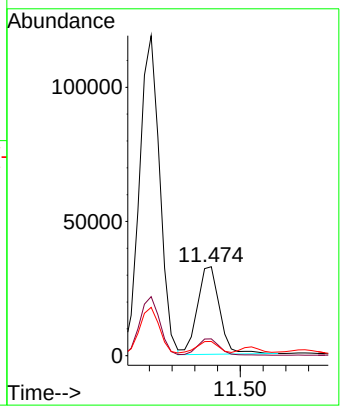


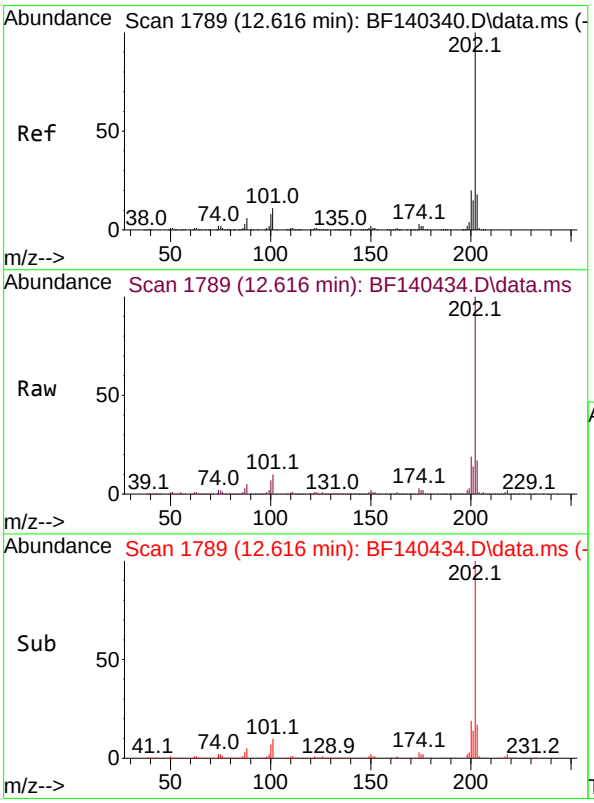
#72
Anthracene
Concen: 2.437 ng
RT: 11.474 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140434.D
Acq: 16 Nov 2024 17:08

Instrument :
BNA_F
ClientSampleId :
MH-4

Tgt Ion:178 Resp: 44089

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	16.0	12.6	18.8

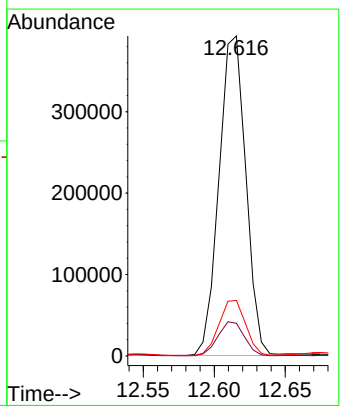


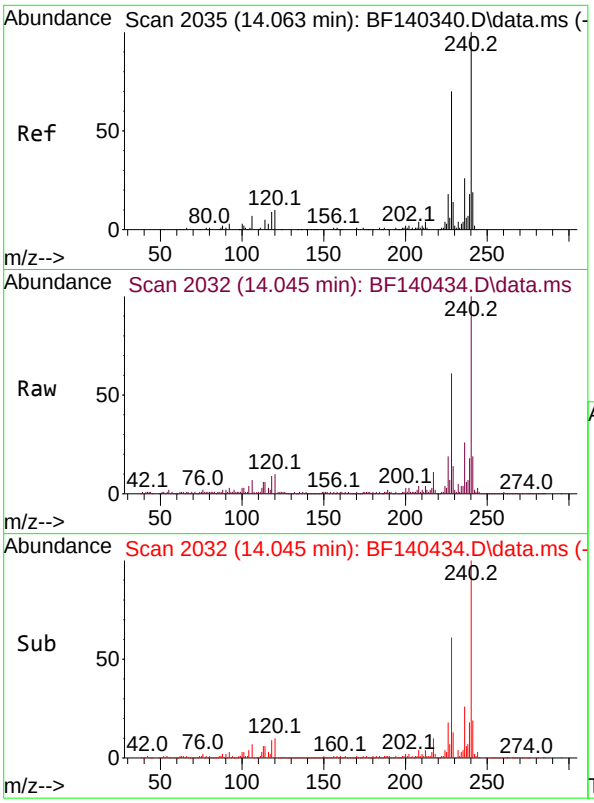


#75
Fluoranthene
Concen: 24.930 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF140434.D
Acq: 16 Nov 2024 17:08

Tgt Ion:202 Resp: 516328

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.7
203	17.4	0.0	37.7



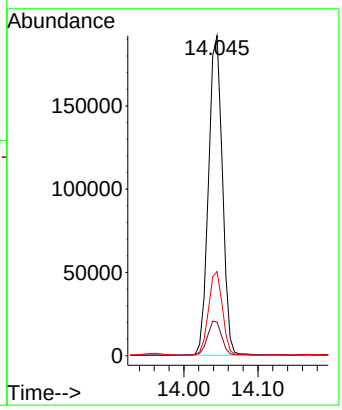


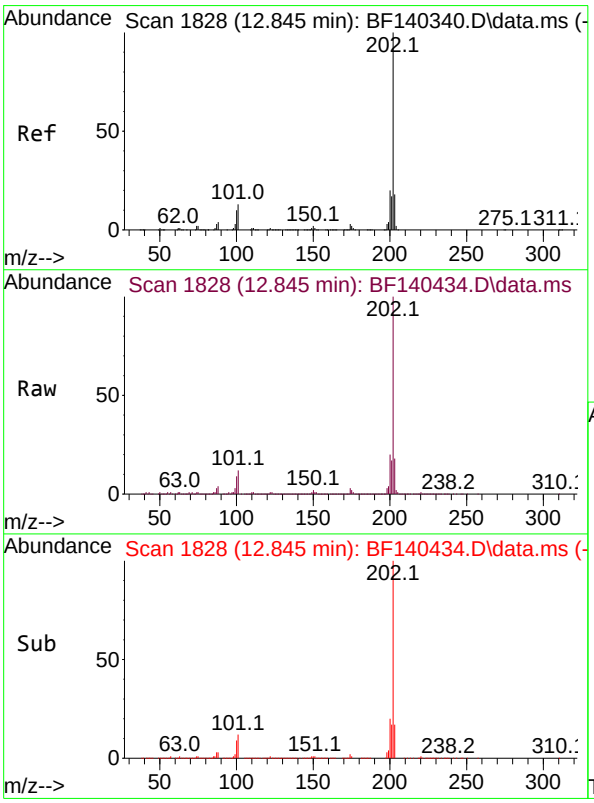
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF140434.D
Acq: 16 Nov 2024 17:08

Instrument :
BNA_F
ClientSampleId :
MH-4

Tgt Ion:240 Resp: 249274

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.8	13.2
236	26.3	20.9	31.3

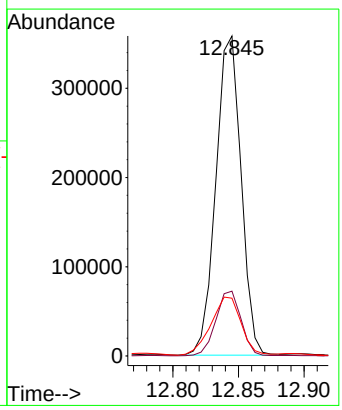


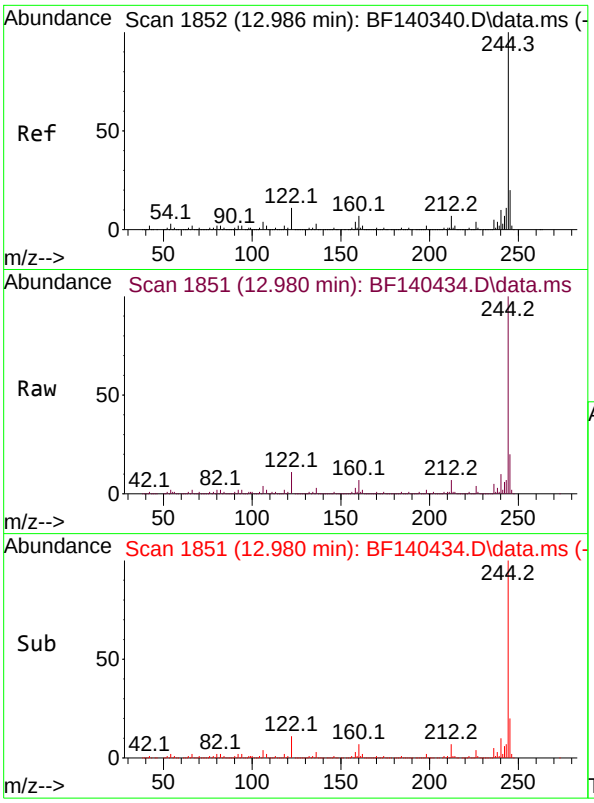


#78
Pyrene
Concen: 22.438 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF140434.D
Acq: 16 Nov 2024 17:08

Tgt Ion:202 Resp: 478427

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.2
203	18.0	14.2	21.4



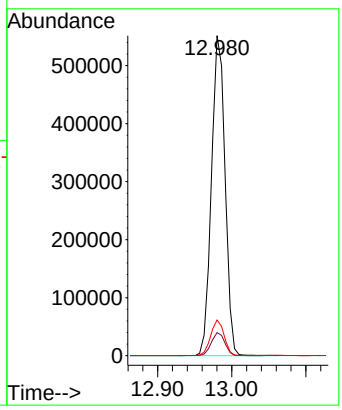


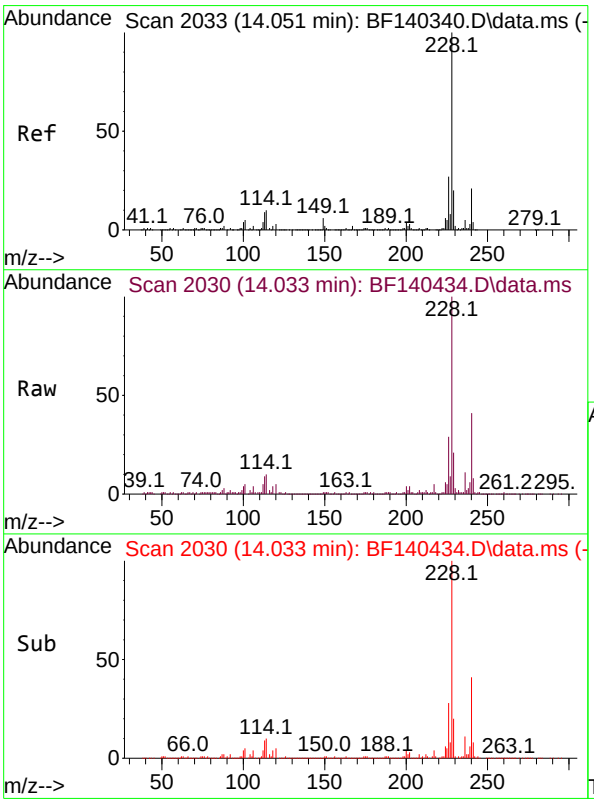
#79
Terphenyl-d14
Concen: 48.997 ng
RT: 12.980 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140434.D
Acq: 16 Nov 2024 17:08

Instrument :
BNA_F
ClientSampleId :
MH-4

Tgt Ion:244 Resp: 703640

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	11.2	8.8	13.2

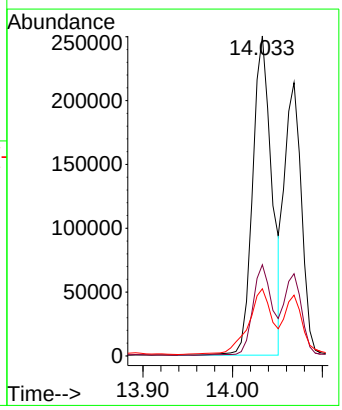


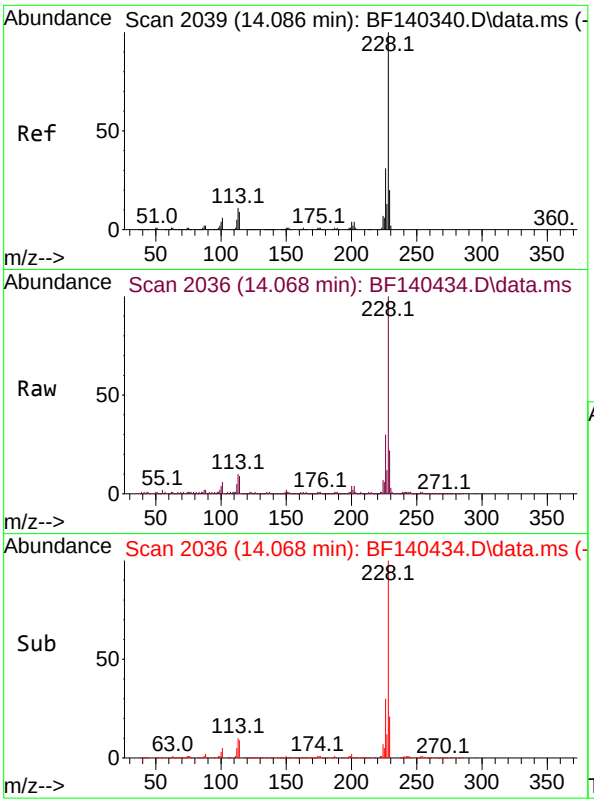


#81
Benzo(a)anthracene
Concen: 22.630 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF140434.D
Acq: 16 Nov 2024 17:08

Tgt Ion:228 Resp: 370746

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.2	33.4
229	21.0	15.8	23.6



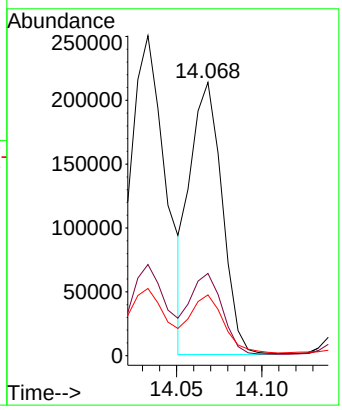


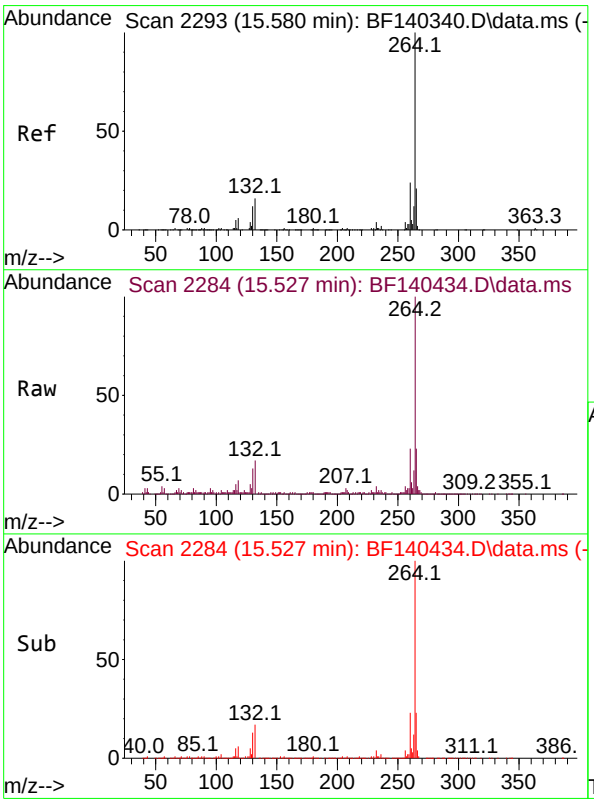
#83
Chrysene
Concen: 18.613 ng
RT: 14.068 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF140434.D
Acq: 16 Nov 2024 17:08

Instrument :
BNA_F
ClientSampleId :
MH-4

Tgt Ion:228 Resp: 278222

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.5	36.7
229	22.3	16.0	24.0

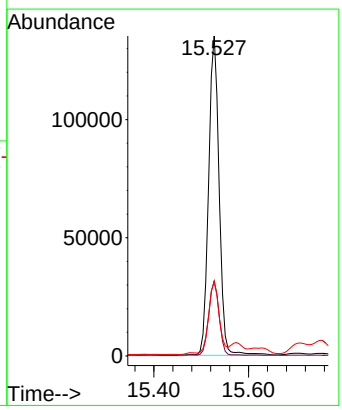


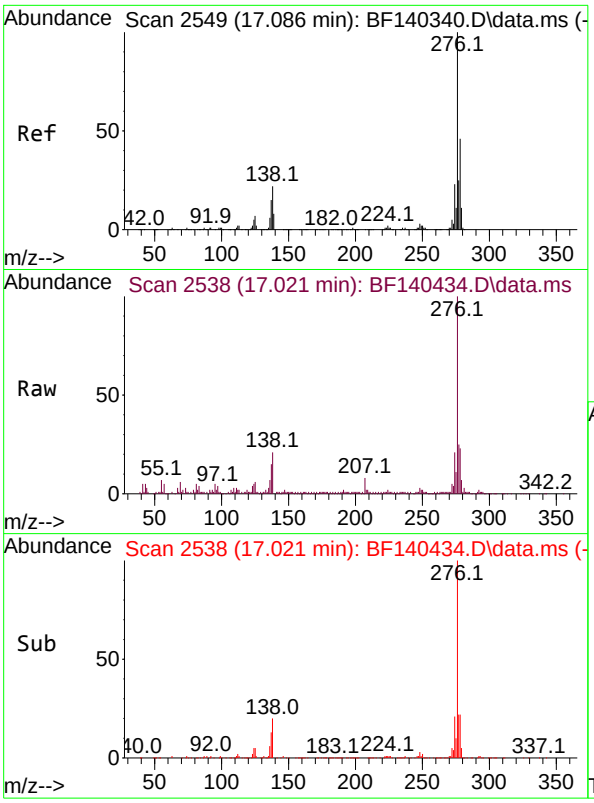


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2284
Delta R.T. -0.030 min
Lab File: BF140434.D
Acq: 16 Nov 2024 17:08

Tgt Ion:264 Resp: 209355

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	23.2	17.1	25.7



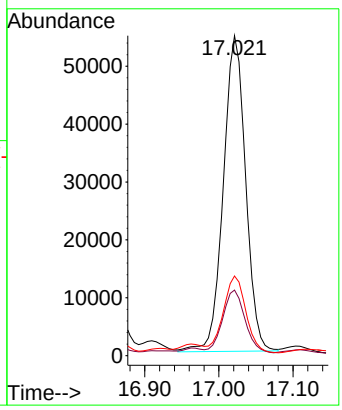


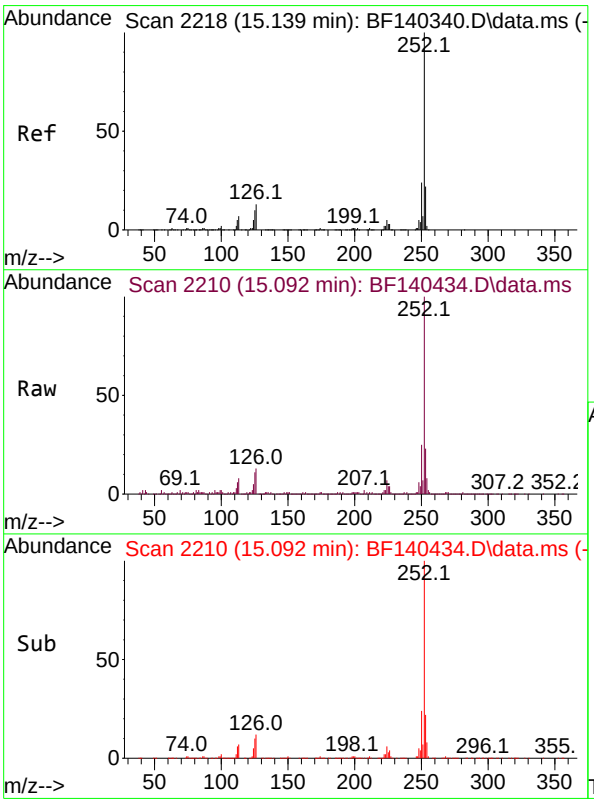
#87
Indeno(1,2,3-cd)pyrene
Concen: 8.826 ng
RT: 17.021 min Scan# 2
Delta R.T. -0.035 min
Lab File: BF140434.D
Acq: 16 Nov 2024 17:08

Instrument :
BNA_F
ClientSampleId :
MH-4

Tgt Ion:276 Resp: 114143

Ion	Ratio	Lower	Upper
276	100		
138	19.8	18.8	28.2
277	24.7	20.2	30.2

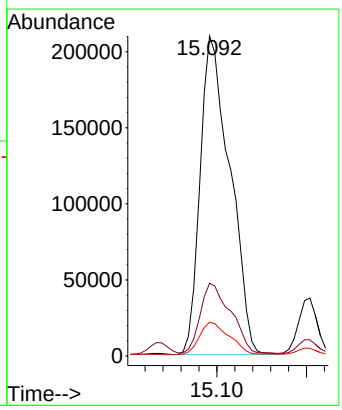


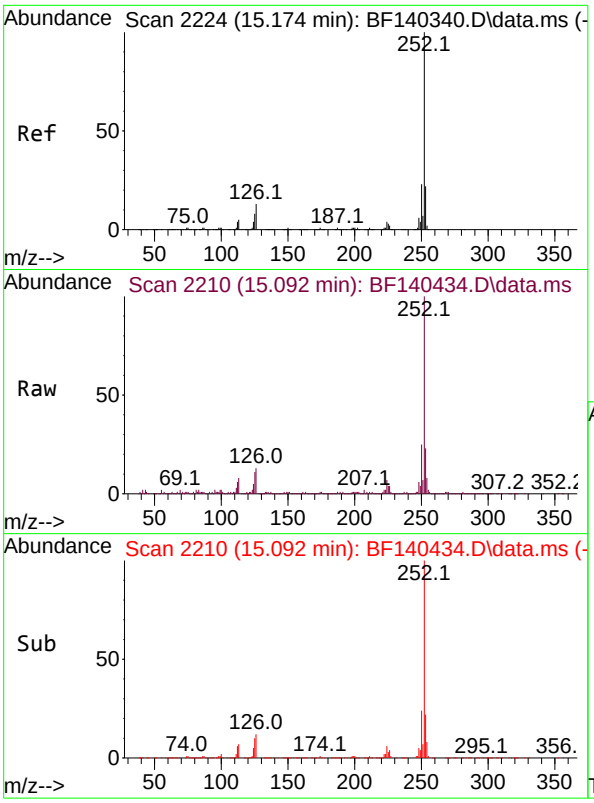


#88
Benzo(b)fluoranthene
Concen: 35.281 ng
RT: 15.092 min Scan# 2210
Delta R.T. -0.024 min
Lab File: BF140434.D
Acq: 16 Nov 2024 17:08

Tgt Ion:252 Resp: 483177

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	10.6	8.0	12.0



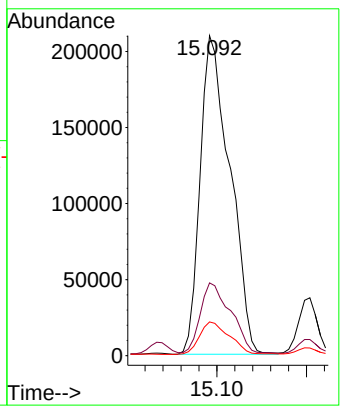


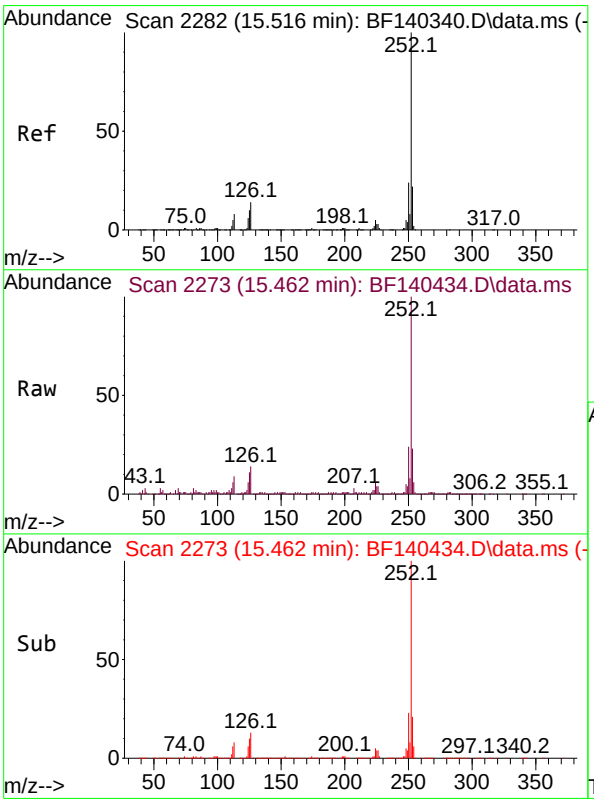
#89
Benzo(k)fluoranthene
Concen: 43.188 ng
RT: 15.092 min Scan# 2
Delta R.T. -0.059 min
Lab File: BF140434.D
Acq: 16 Nov 2024 17:08

Instrument :
BNA_F
ClientSampleId :
MH-4

Tgt Ion:252 Resp: 483177

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	10.6	7.4	11.2

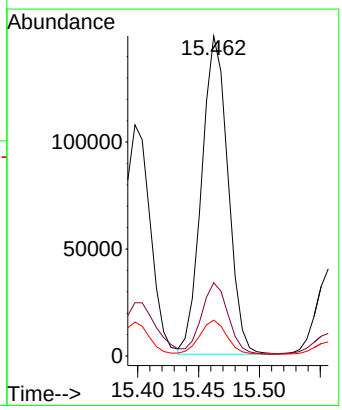


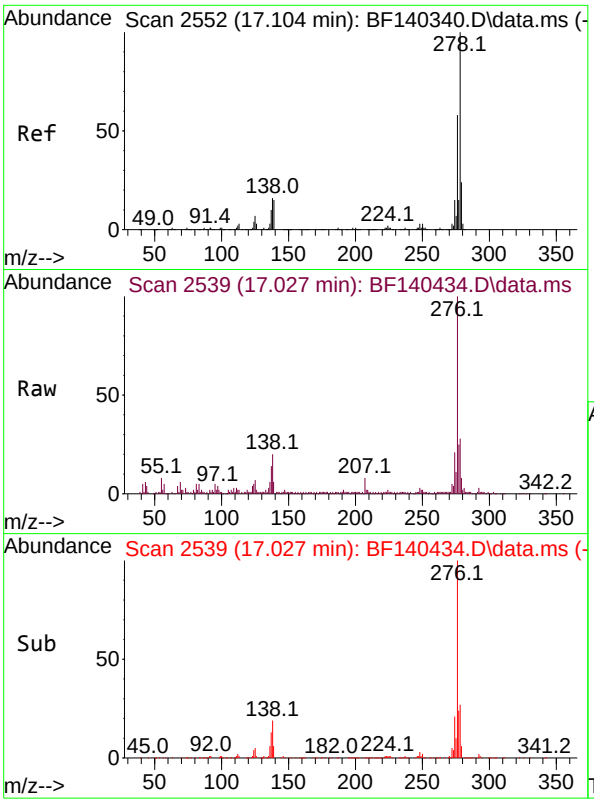


#90
Benzo(a)pyrene
Concen: 21.062 ng
RT: 15.462 min Scan# 2273
Delta R.T. -0.030 min
Lab File: BF140434.D
Acq: 16 Nov 2024 17:08

Tgt Ion:252 Resp: 224000

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	11.2	8.4	12.6



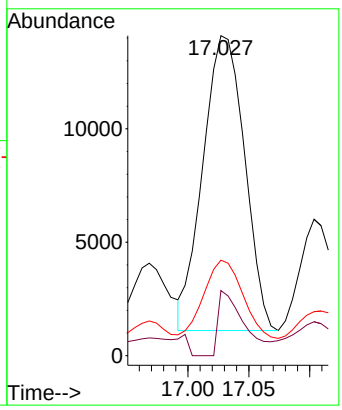


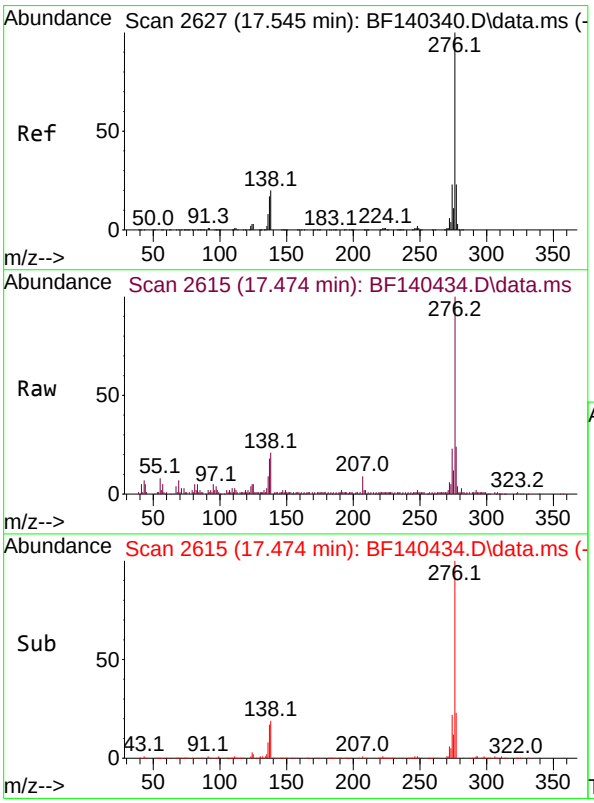
#91
Dibenzo(a,h)anthracene
Concen: 2.894 ng
RT: 17.027 min Scan# 2
Delta R.T. -0.047 min
Lab File: BF140434.D
Acq: 16 Nov 2024 17:08

Instrument :
BNA_F
ClientSampleId :
MH-4

Tgt Ion:278 Resp: 30934

Ion	Ratio	Lower	Upper
278	100		
139	20.4	11.8	17.8#
279	29.9	18.9	28.3#





#92
Benzo(g,h,i)perylene
Concen: 9.538 ng
RT: 17.474 min Scan# 2615
Delta R.T. -0.041 min
Lab File: BF140434.D
Acq: 16 Nov 2024 17:08

Tgt Ion:276 Resp: 104242

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	28.0
138	20.9	16.0	24.0