Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140294.D
Acq On : 08 Nov 2024 13:13
Operator : RC/JU
Sample : P4695-01DL 5XRE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Z-01DL

Quant Time: Nov 08 13:49:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 16:47:56 2024
Response via : Initial Calibration

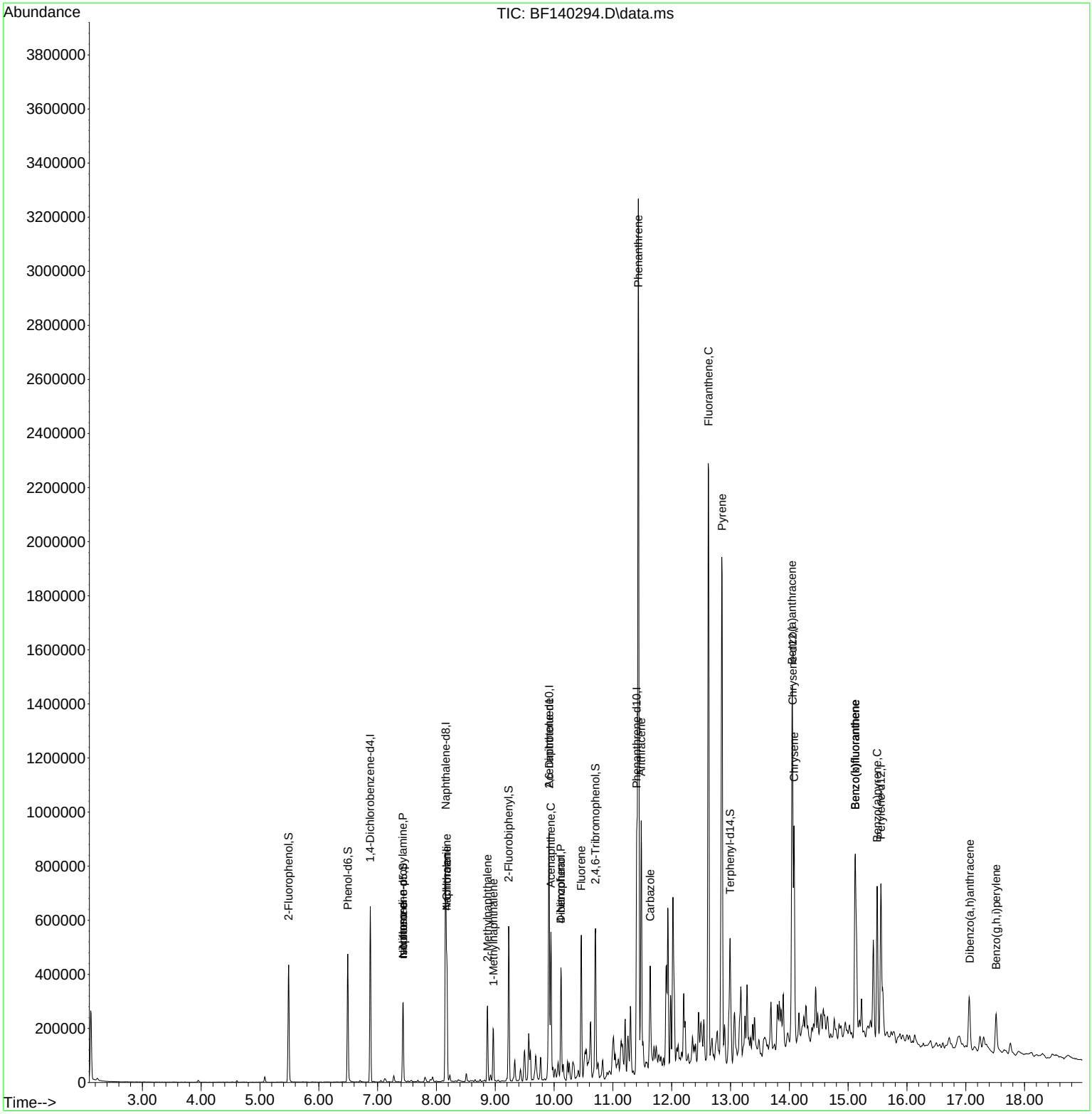
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	129594	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	492100	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	287620	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	500886	20.000	ng		0.00
76) Chrysene-d12	14.057	240	292758	20.000	ng		0.00
86) Perylene-d12	15.557	264	349826	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	156943	20.069	ng		0.00
7) Phenol-d6	6.493	99	204104	20.292	ng		-0.01
23) Nitrobenzene-d5	7.434	82	129961	13.130	ng		-0.01
42) 2,4,6-Tribromophenol	10.704	330	55638	19.570	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	243458	13.516	ng		-0.01
79) Terphenyl-d14	12.992	244	208238	11.652	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	17973	2.801	ng	#	76
25) Isophorone	7.434	82	127258	7.467	ng	#	67
31) Naphthalene	8.175	128	259548	10.214	ng		99
33) 4-Chloroaniline	8.175	127	33644	4.022	ng	#	31
37) 2-Methylnaphthalene	8.869	142	108417	6.537	ng		98
38) 1-Methylnaphthalene	8.969	142	74287	4.570	ng		100
51) 2,6-Dinitrotoluene	9.916	165	41537	9.976	ng	#	22
52) Acenaphthene	9.945	154	160301	10.202	ng		100
55) Dibenzofuran	10.116	168	201147	9.155	ng		97
56) 4-Nitrophenol	10.116	139	76778	27.852	ng	#	1
58) Fluorene	10.463	166	196461	11.233	ng		99
71) Phenanthrene	11.433	178	1723058	72.083	ng		100
72) Anthracene	11.481	178	519653	22.170	ng		99
73) Carbazole	11.633	167	196881	9.193	ng		99
75) Fluoranthene	12.628	202	1322152	52.897	ng		99
78) Pyrene	12.857	202	1119681	46.321	ng		99
81) Benzo(a)anthracene	14.045	228	529649	28.191	ng		99
83) Chrysene	14.080	228	423747	24.085	ng		96
88) Benzo(b)fluoranthene	15.121	252	622458	29.416	ng		99
89) Benzo(k)fluoranthene	15.121	252	622458	32.058	ng		99
90) Benzo(a)pyrene	15.492	252	367009	21.036	ng		97
91) Dibenzo(a,h)anthracene	17.068	278	43681	2.586	ng	#	92
92) Benzo(g,h,i)perylene	17.515	276	127910	7.422	ng		99

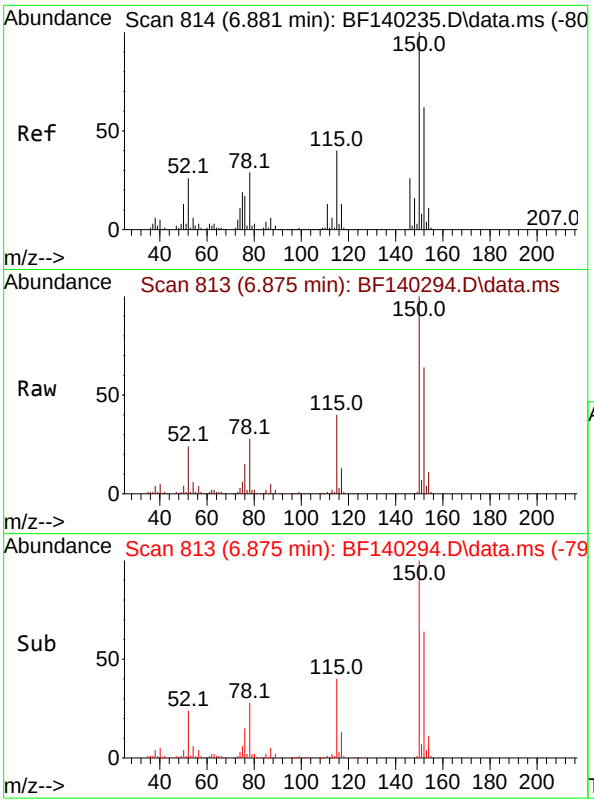
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140294.D
Acq On : 08 Nov 2024 13:13
Operator : RC/JU
Sample : P4695-01DL 5XRE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Z-01DL

Quant Time: Nov 08 13:49:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 16:47:56 2024
Response via : Initial Calibration



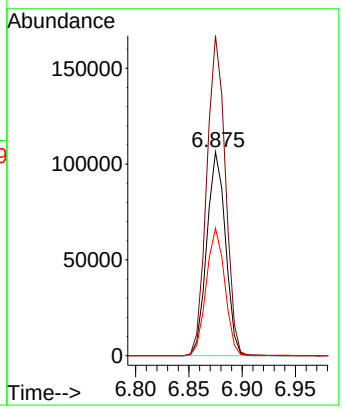


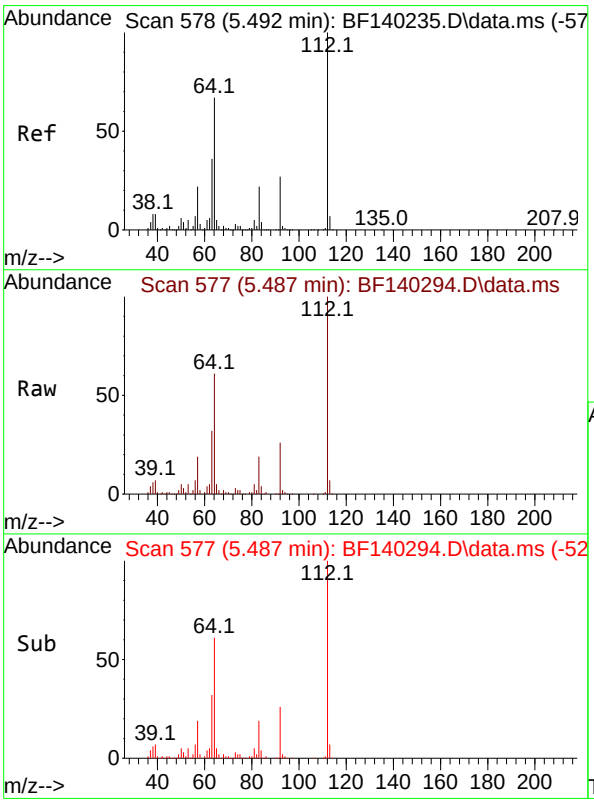
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF140294.D
Acq: 08 Nov 2024 13:13

Instrument :
BNA_F
ClientSampleId :
Z-01DL

Tgt Ion:152 Resp: 129594

Ion	Ratio	Lower	Upper
152	100		
150	157.1	129.4	194.2
115	62.6	51.5	77.3

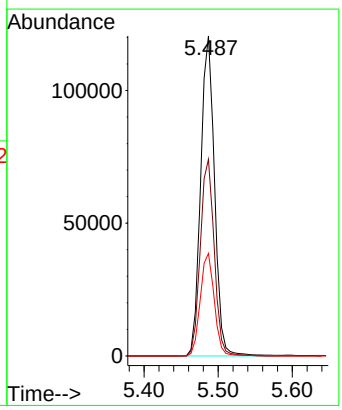


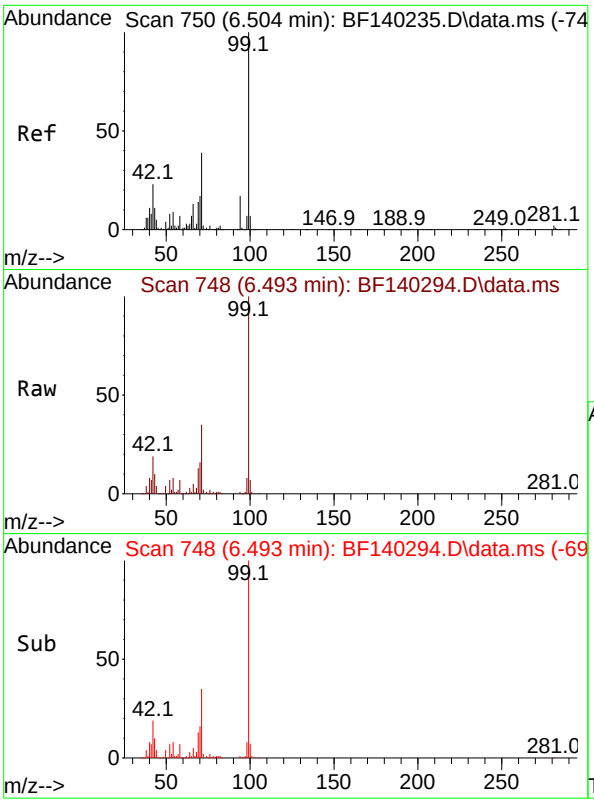


#5
2-Fluorophenol
Concen: 20.069 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF140294.D
Acq: 08 Nov 2024 13:13

Tgt Ion:112 Resp: 156943

Ion	Ratio	Lower	Upper
112	100		
64	61.5	53.4	80.2
63	32.0	28.9	43.3



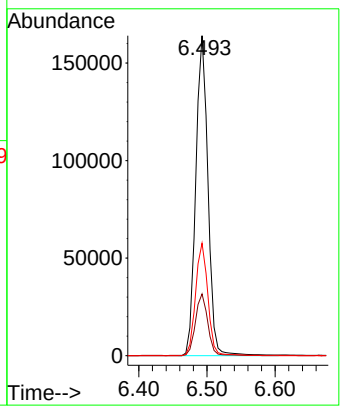


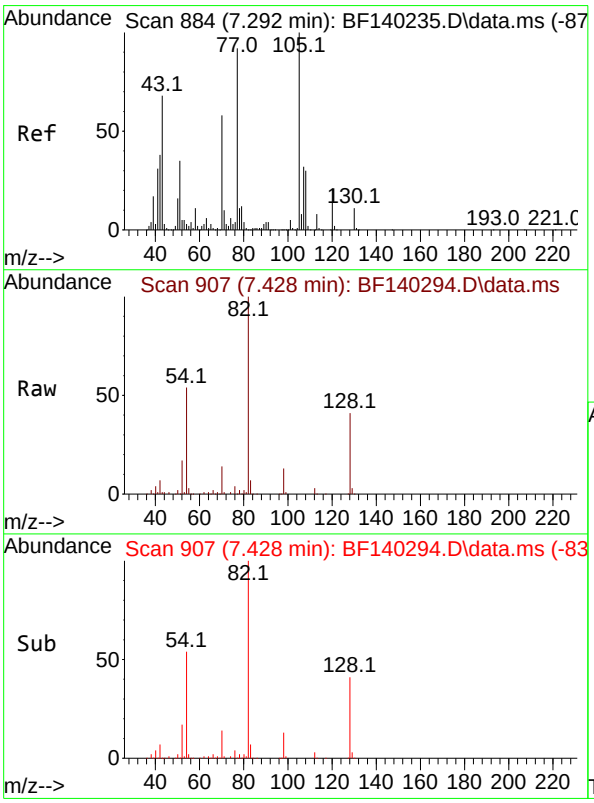
#7
Phenol-d6
Concen: 20.292 ng
RT: 6.493 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF140294.D
Acq: 08 Nov 2024 13:13

Instrument :
BNA_F
ClientSampleId :
Z-01DL

Tgt Ion: 99 Resp: 204104

Ion	Ratio	Lower	Upper
99	100		
42	19.3	18.2	27.2
71	35.1	30.9	46.3

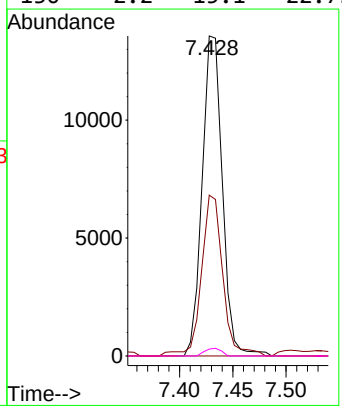


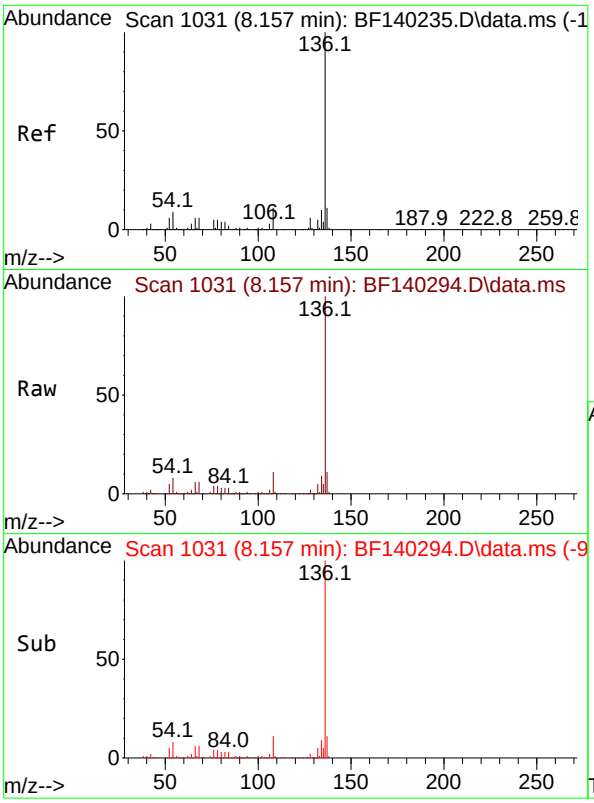


#19
n-Nitroso-di-n-propylamine
Concen: 2.801 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.135 min
Lab File: BF140294.D
Acq: 08 Nov 2024 13:13

Tgt Ion: 70 Resp: 17973

Ion	Ratio	Lower	Upper
70	100		
42	50.3	52.8	79.2#
101	0.0	7.4	11.2#
130	2.2	15.1	22.7#



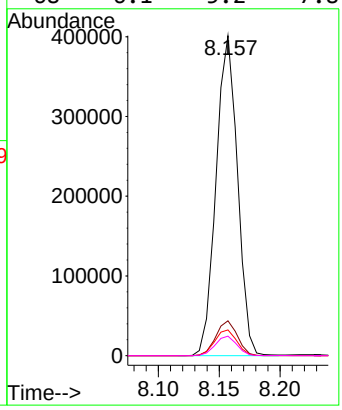


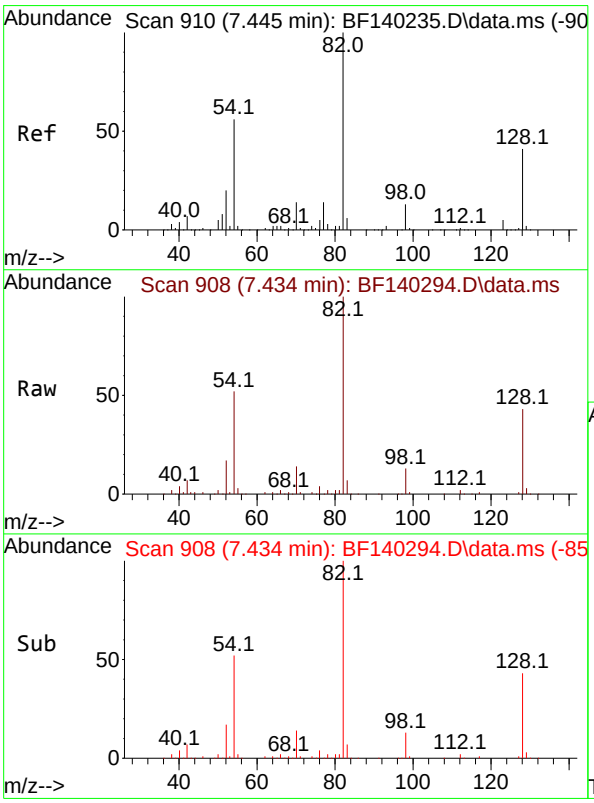
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140294.D
Acq: 08 Nov 2024 13:13

Instrument :
BNA_F
ClientSampleId :
Z-01DL

Tgt Ion:136 Resp: 492100

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	8.1	7.7	11.5
68	6.1	5.2	7.8

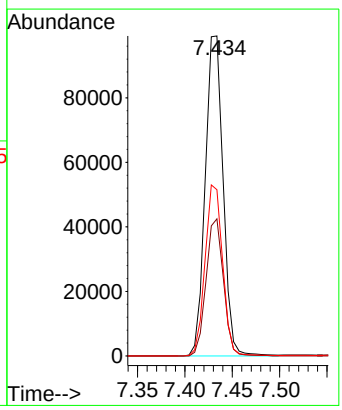


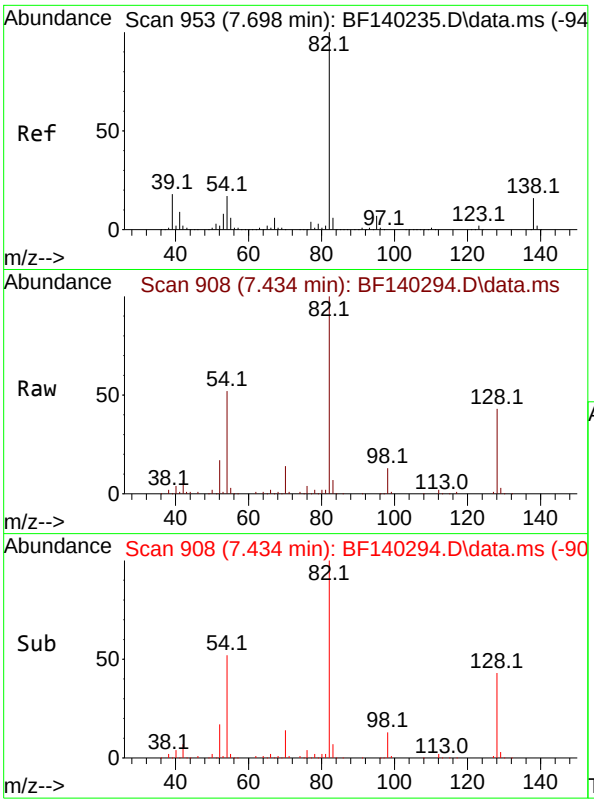


#23
Nitrobenzene-d5
Concen: 13.130 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF140294.D
Acq: 08 Nov 2024 13:13

Tgt Ion: 82 Resp: 129961

Ion	Ratio	Lower	Upper
82	100		
128	42.9	32.8	49.2
54	52.0	44.3	66.5



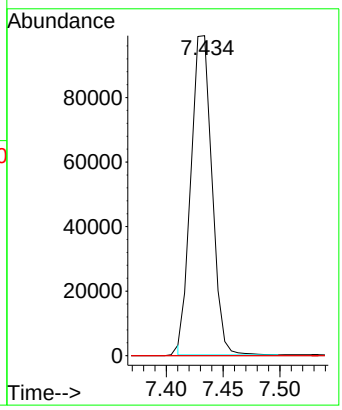


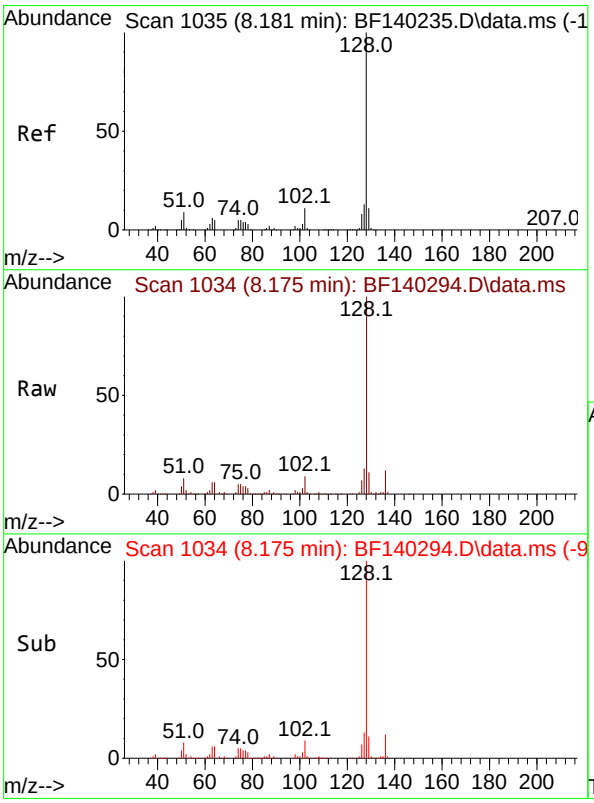
#25
Isophorone
Concen: 7.467 ng
RT: 7.434 min Scan# 9
Delta R.T. -0.265 min
Lab File: BF140294.D
Acq: 08 Nov 2024 13:13

Instrument :
BNA_F
ClientSampleId :
Z-01DL

Tgt Ion: 82 Resp: 127258

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.0	9.0#
138	0.0	12.9	19.3#

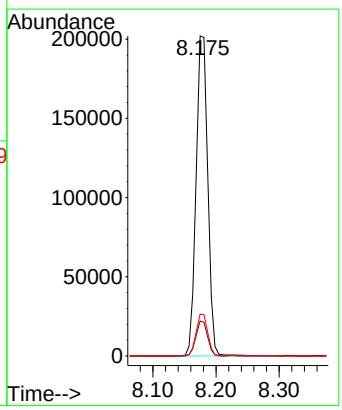


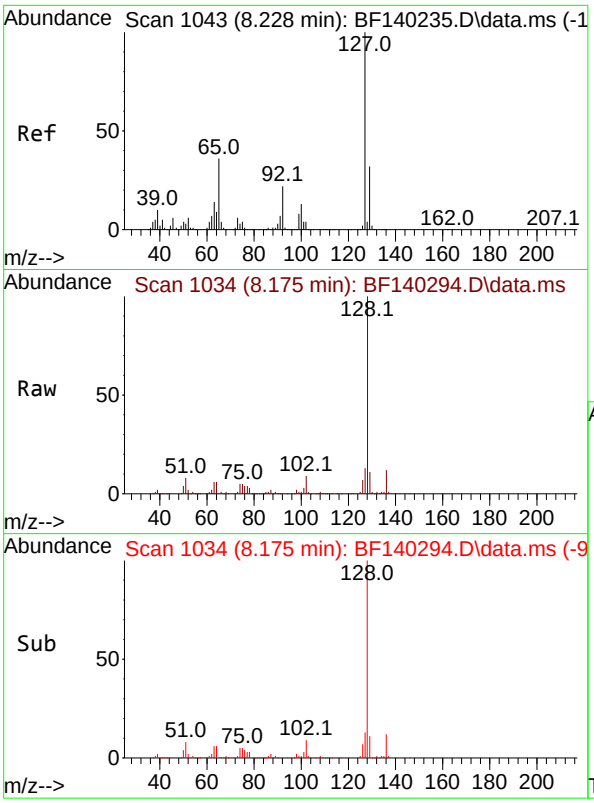


#31
Naphthalene
Concen: 10.214 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140294.D
Acq: 08 Nov 2024 13:13

Tgt Ion:128 Resp: 259548

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	13.0	10.7	16.1



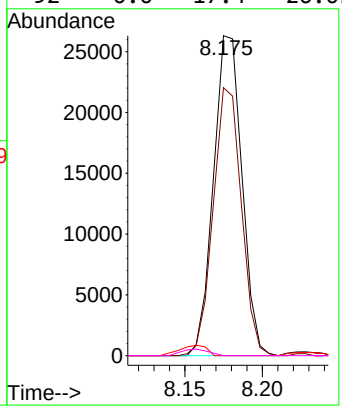


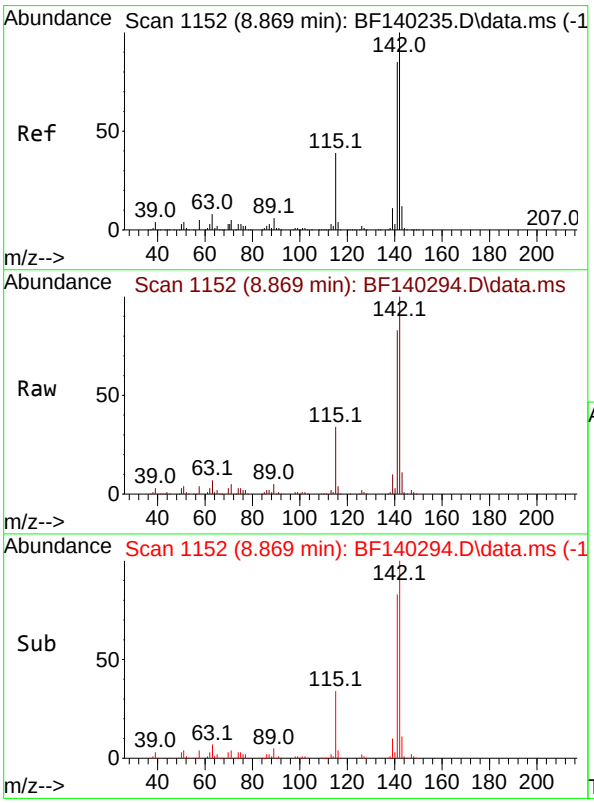
#33
4-Chloroaniline
Concen: 4.022 ng
RT: 8.175 min Scan# 1
Delta R.T. -0.053 min
Lab File: BF140294.D
Acq: 08 Nov 2024 13:13

Instrument :
BNA_F
ClientSampleId :
Z-01DL

Tgt Ion:127 Resp: 33644

Ion	Ratio	Lower	Upper
127	100		
129	83.7	25.8	38.6#
65	0.0	29.0	43.6#
92	0.0	17.4	26.0#

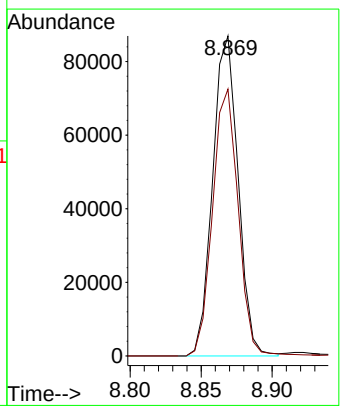


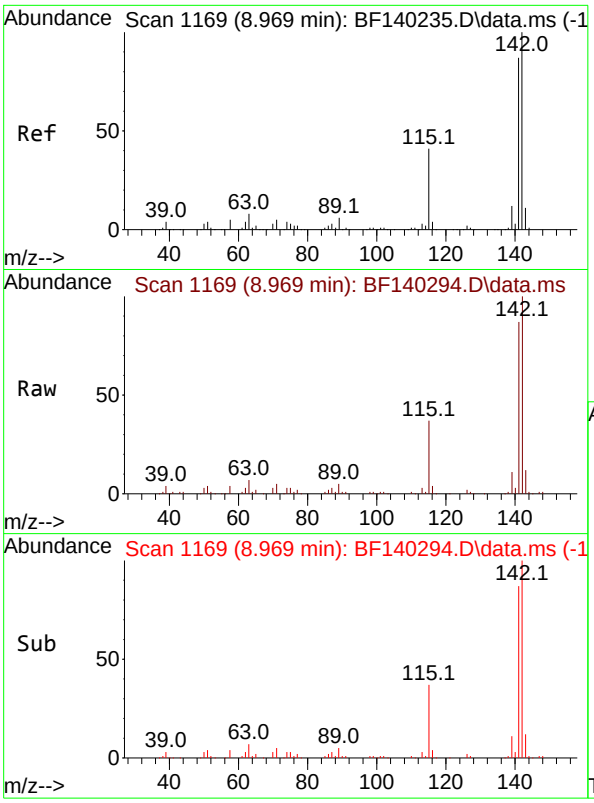


#37
2-Methylnaphthalene
Concen: 6.537 ng
RT: 8.869 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF140294.D
Acq: 08 Nov 2024 13:13

Tgt Ion:142 Resp: 108417

Ion	Ratio	Lower	Upper
142	100		
141	83.4	67.8	101.8



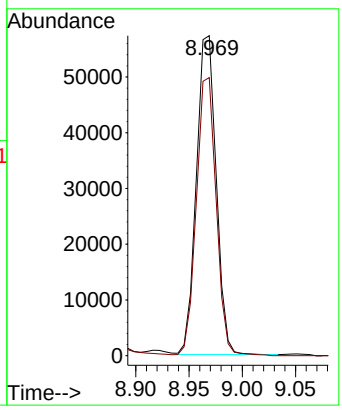


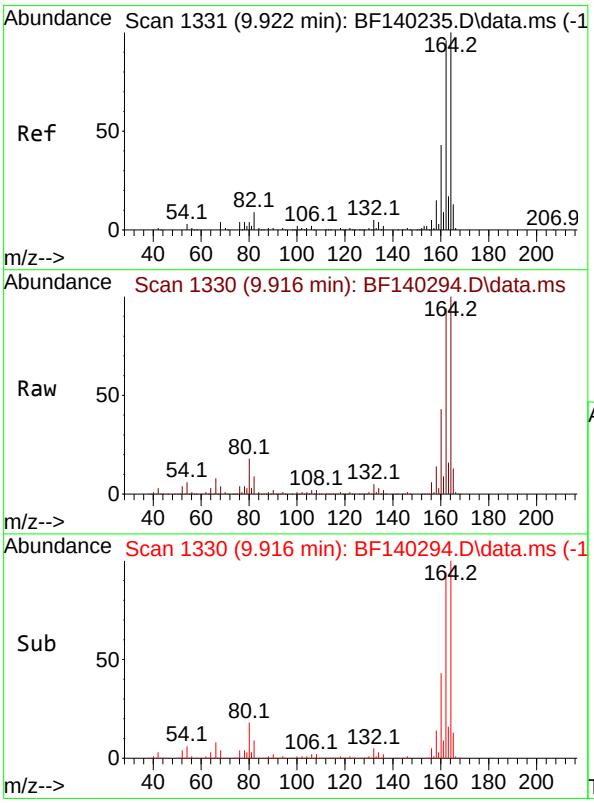
#38
1-Methylnaphthalene
Concen: 4.570 ng
RT: 8.969 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140294.D
Acq: 08 Nov 2024 13:13

Instrument :
BNA_F
ClientSampleId :
Z-01DL

Tgt Ion:142 Resp: 74287

Ion	Ratio	Lower	Upper
142	100		
141	86.9	69.7	104.5

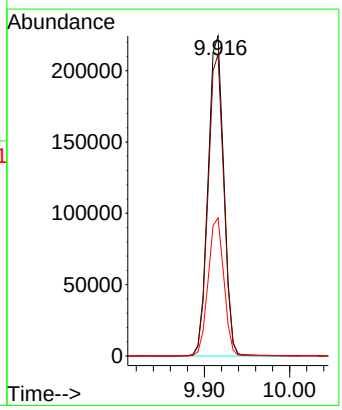


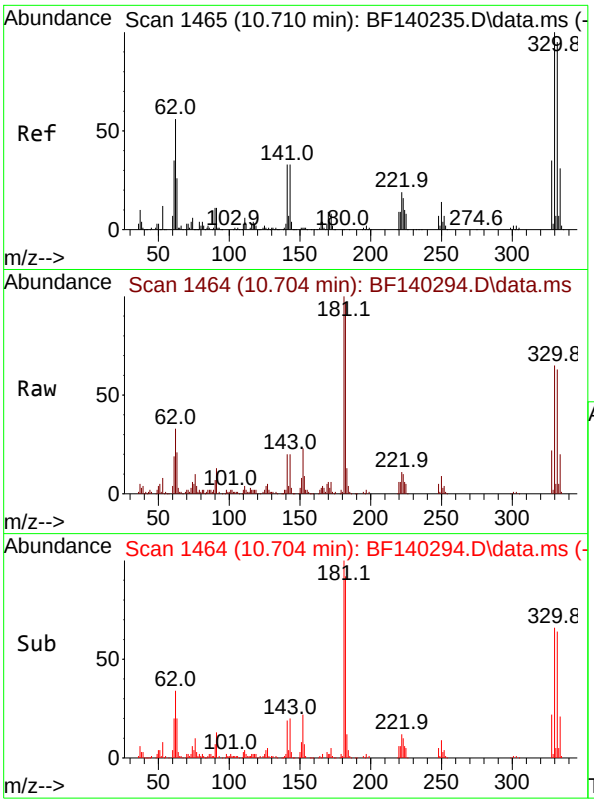


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF140294.D
Acq: 08 Nov 2024 13:13

Tgt Ion:164 Resp: 287620

Ion	Ratio	Lower	Upper
164	100		
162	94.3	77.0	115.4
160	43.1	34.1	51.1



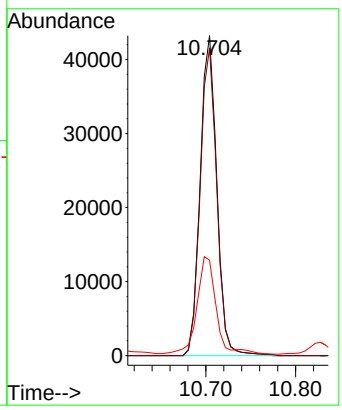


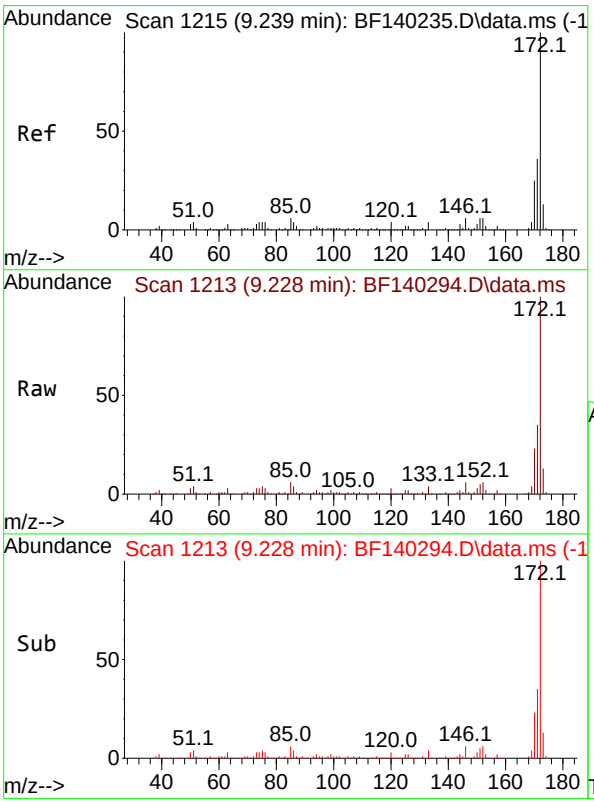
#42
2,4,6-Tribromophenol
Concen: 19.570 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF140294.D
Acq: 08 Nov 2024 13:13

Instrument :
BNA_F
ClientSampleId :
Z-01DL

Tgt Ion:330 Resp: 55638

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.4	114.6
141	35.1	27.0	40.4

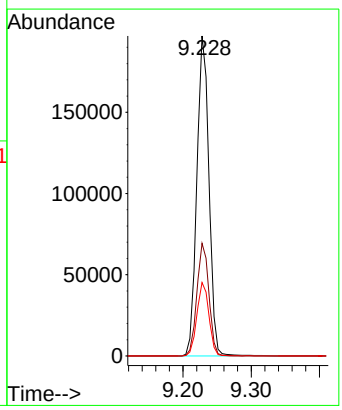


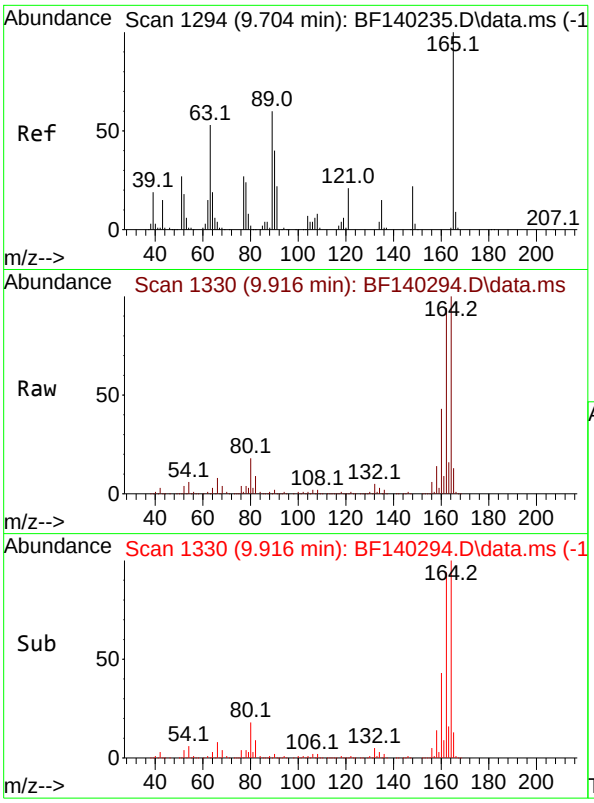


#45
2-Fluorobiphenyl
Concen: 13.516 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF140294.D
Acq: 08 Nov 2024 13:13

Tgt Ion:172 Resp: 243458

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.8	43.2
170	23.0	19.6	29.4



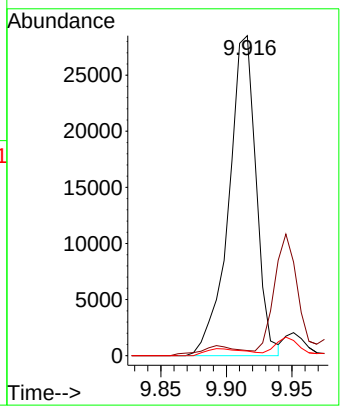


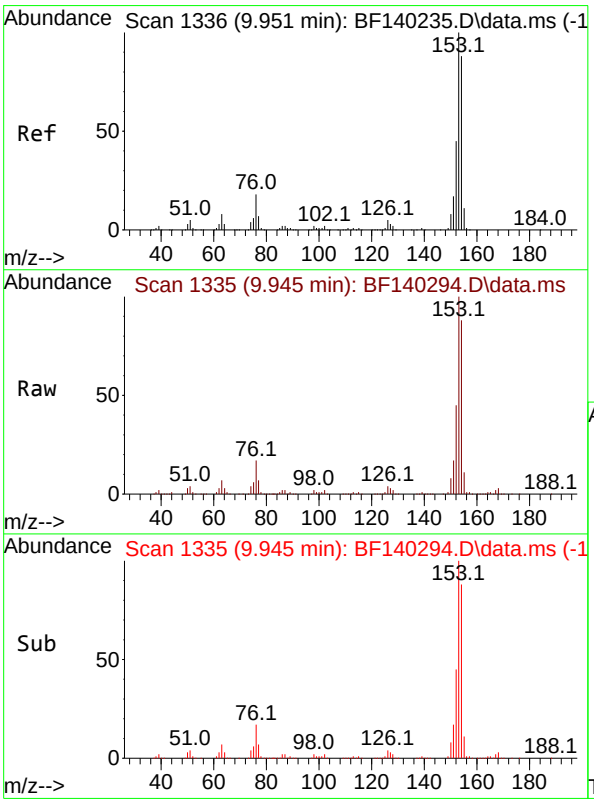
#51
2,6-Dinitrotoluene
Concen: 9.976 ng
RT: 9.916 min Scan# 1
Delta R.T. 0.212 min
Lab File: BF140294.D
Acq: 08 Nov 2024 13:13

Instrument :
BNA_F
ClientSampleId :
Z-01DL

Tgt Ion:165 Resp: 41537

Ion	Ratio	Lower	Upper
165	100		
63	1.6	48.8	73.2#
89	1.5	48.1	72.1#

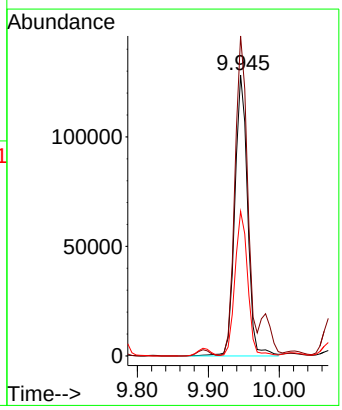


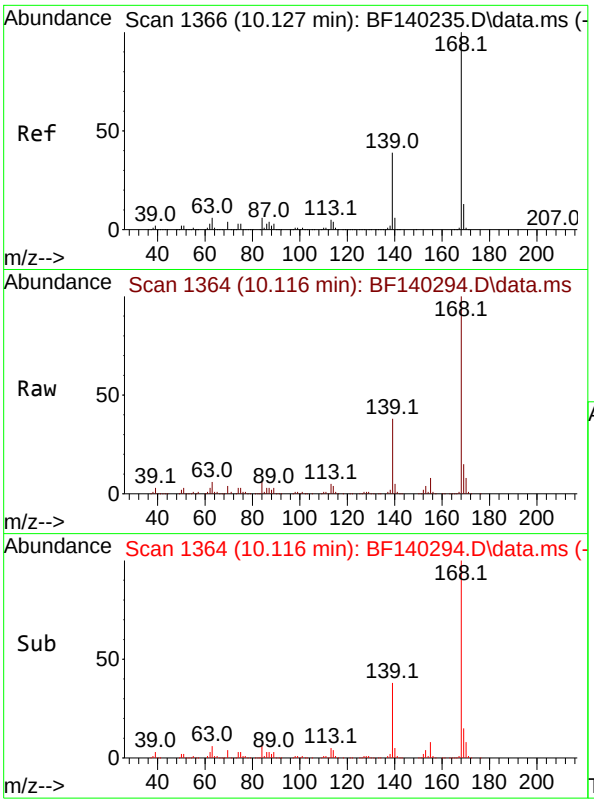


#52
Acenaphthene
Concen: 10.202 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF140294.D
Acq: 08 Nov 2024 13:13

Tgt Ion:154 Resp: 160301

Ion	Ratio	Lower	Upper
154	100		
153	113.9	91.3	136.9
152	51.5	41.4	62.2



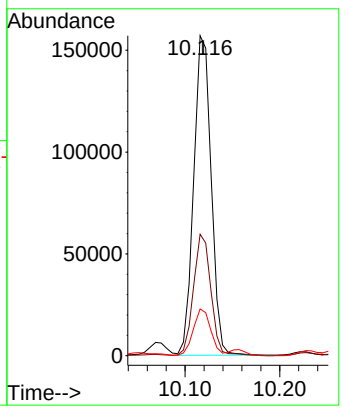


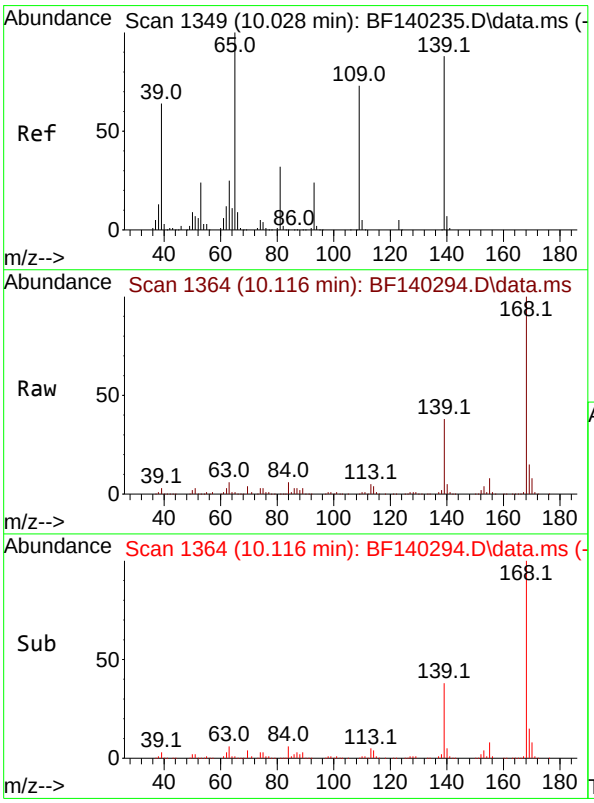
#55
Dibenzofuran
Concen: 9.155 ng
RT: 10.116 min Scan# 1
Delta R.T. -0.011 min
Lab File: BF140294.D
Acq: 08 Nov 2024 13:13

Instrument :
BNA_F
ClientSampleId :
Z-01DL

Tgt Ion:168 Resp: 201147

Ion	Ratio	Lower	Upper
168	100		
139	37.9	31.5	47.3
169	14.6	10.6	15.8

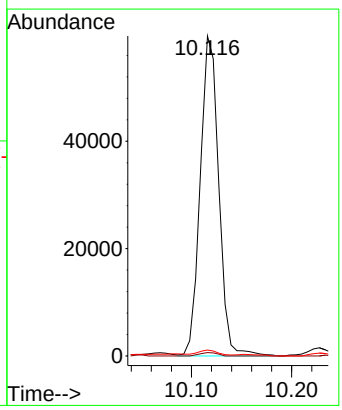


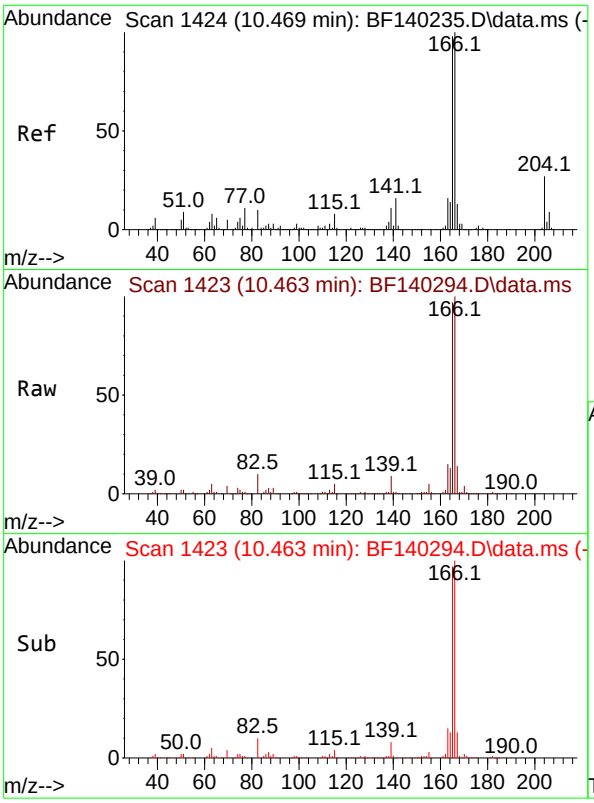


#56
4-Nitrophenol
Concen: 27.852 ng
RT: 10.116 min Scan# 1364
Delta R.T. 0.088 min
Lab File: BF140294.D
Acq: 08 Nov 2024 13:13

Tgt Ion:139 Resp: 76778

Ion	Ratio	Lower	Upper
139	100		
109	1.1	63.8	103.8#
65	1.8	94.7	134.7#



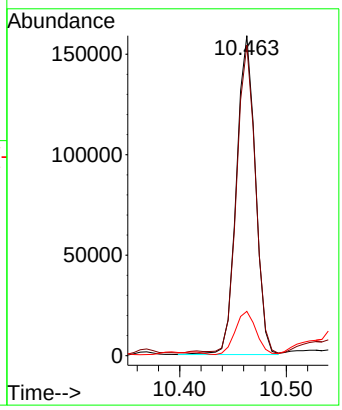


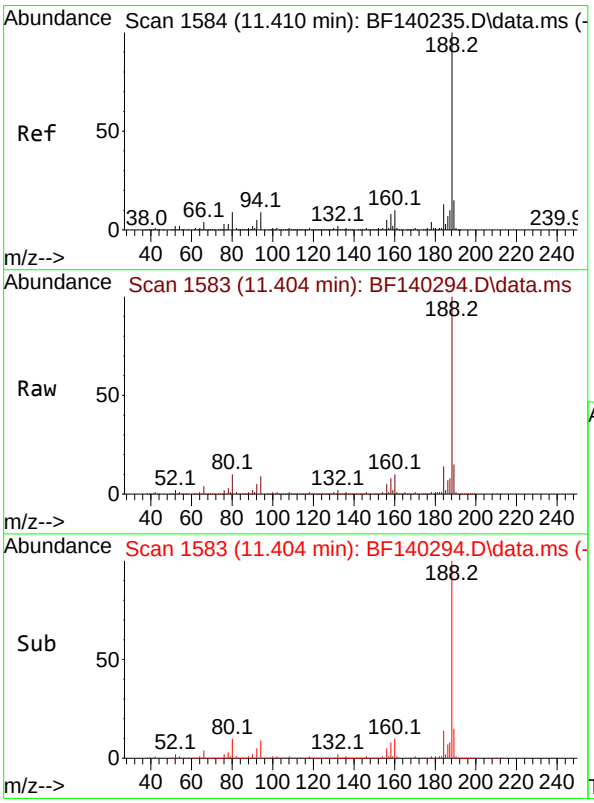
#58
Fluorene
Concen: 11.233 ng
RT: 10.463 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF140294.D
Acq: 08 Nov 2024 13:13

Instrument :
BNA_F
ClientSampleId :
Z-01DL

Tgt Ion:166 Resp: 196461

Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.7	118.1
167	13.8	10.8	16.2

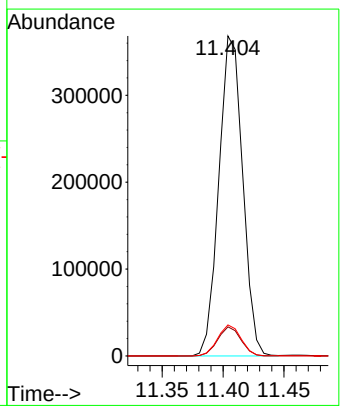


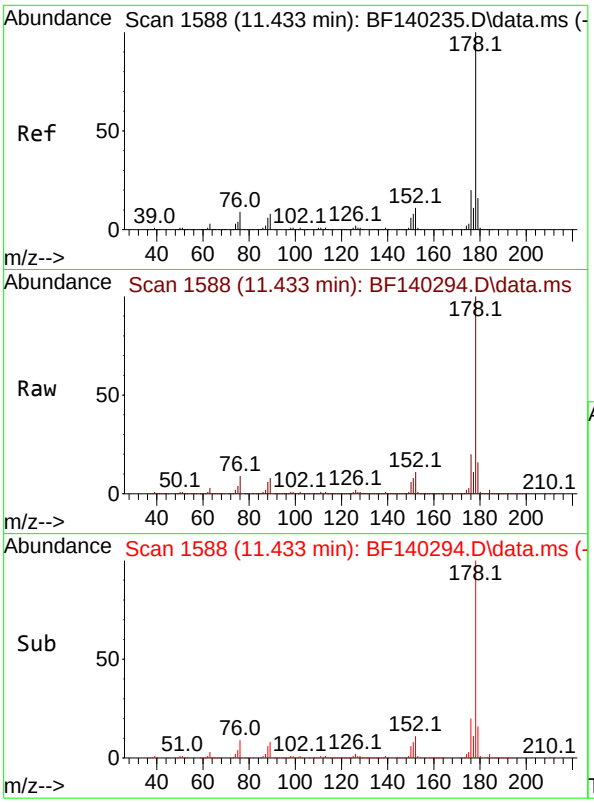


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF140294.D
Acq: 08 Nov 2024 13:13

Tgt Ion:188 Resp: 500886

Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.9	10.3
80	9.7	7.5	11.3



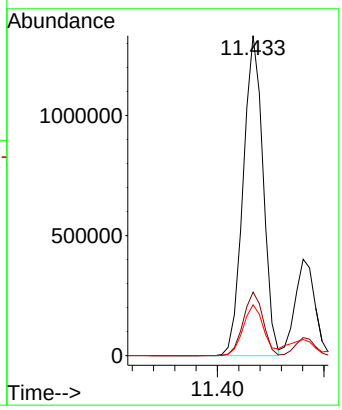


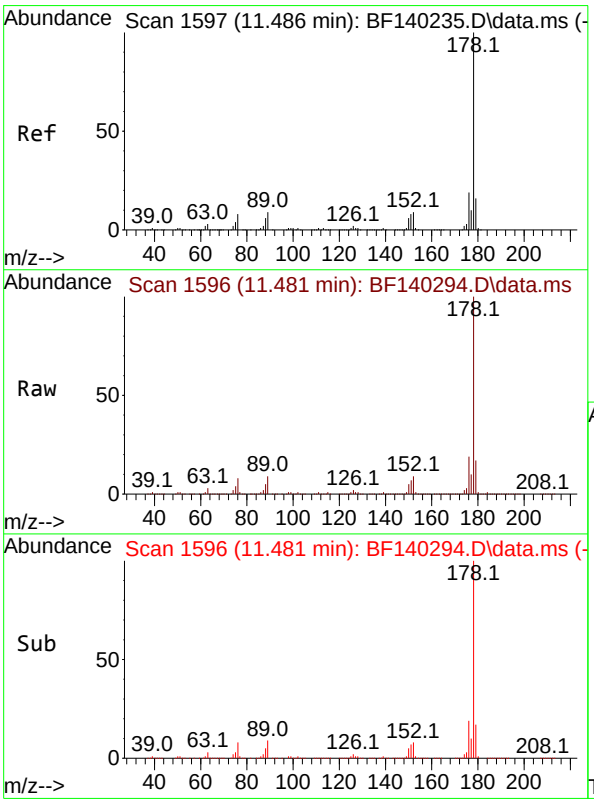
#71
Phenanthrene
Concen: 72.083 ng
RT: 11.433 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140294.D
Acq: 08 Nov 2024 13:13

Instrument :
BNA_F
ClientSampleId :
Z-01DL

Tgt Ion:178 Resp: 1723058

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	15.9	12.6	18.8

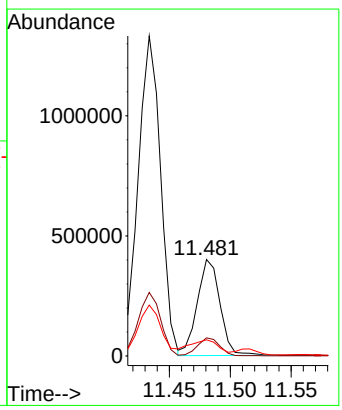


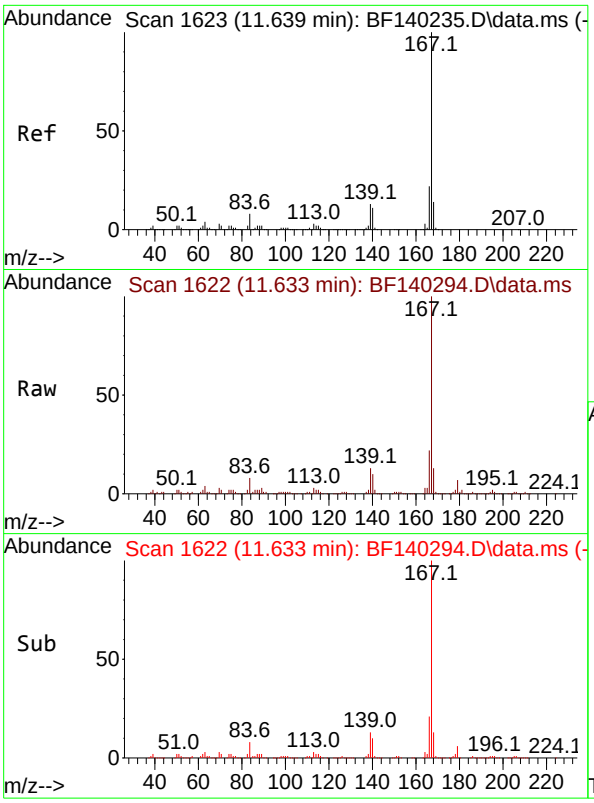


#72
Anthracene
Concen: 22.170 ng
RT: 11.481 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BF140294.D
Acq: 08 Nov 2024 13:13

Tgt Ion:178 Resp: 519653

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	16.7	12.7	19.1



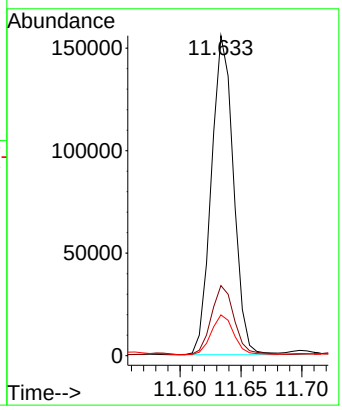


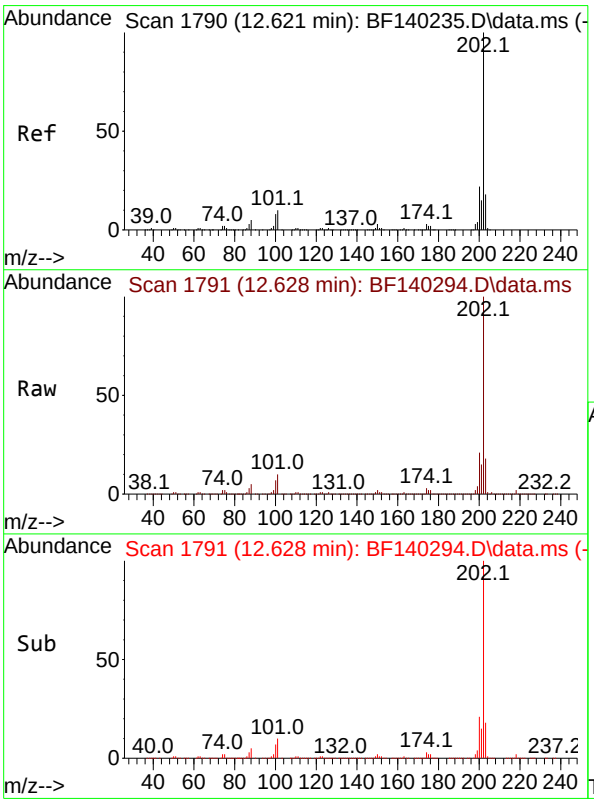
#73
Carbazole
Concen: 9.193 ng
RT: 11.633 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140294.D
Acq: 08 Nov 2024 13:13

Instrument :
BNA_F
ClientSampleId :
Z-01DL

Tgt Ion:167 Resp: 196881

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.3	25.9
139	12.8	10.7	16.1

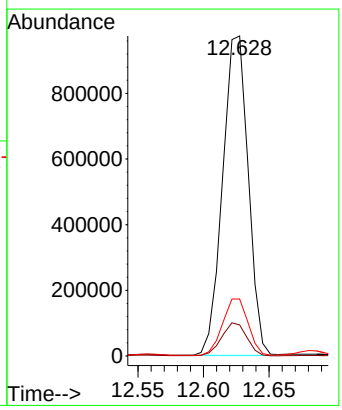


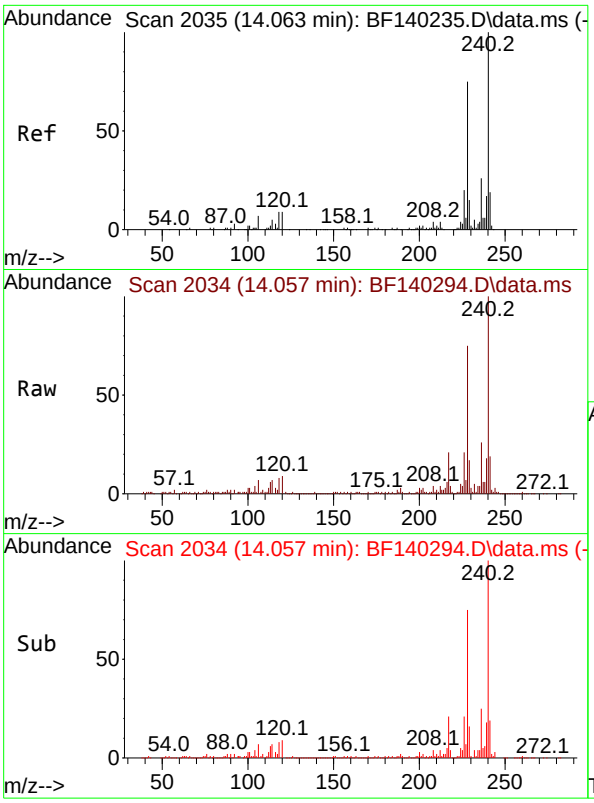


#75
Fluoranthene
Concen: 52.897 ng
RT: 12.628 min Scan# 1791
Delta R.T. 0.006 min
Lab File: BF140294.D
Acq: 08 Nov 2024 13:13

Tgt Ion:202 Resp: 1322152

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	30.4
203	17.8	0.0	38.0



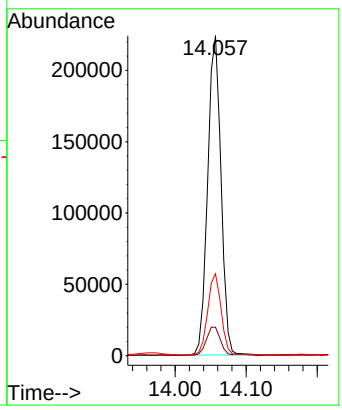


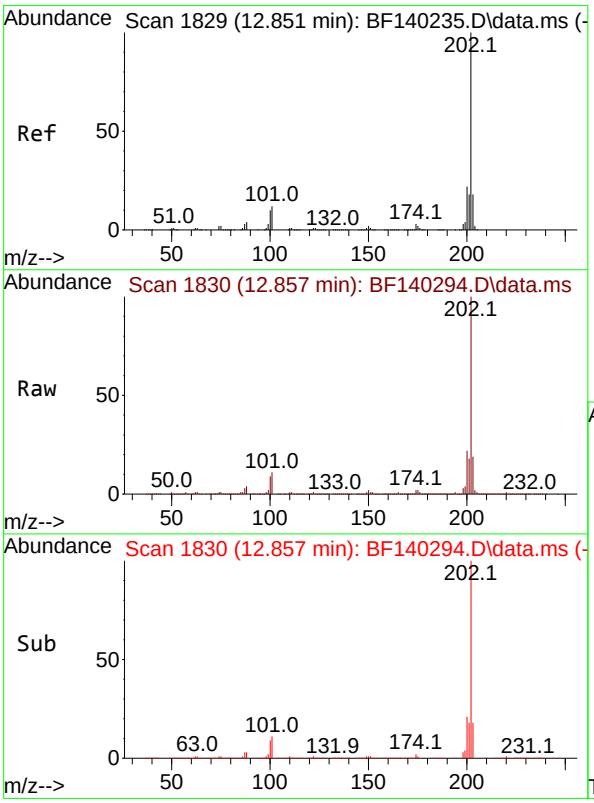
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF140294.D
Acq: 08 Nov 2024 13:13

Instrument :
BNA_F
ClientSampleId :
Z-01DL

Tgt Ion:240 Resp: 292758

Ion	Ratio	Lower	Upper
240	100		
120	8.9	7.5	11.3
236	25.6	20.9	31.3

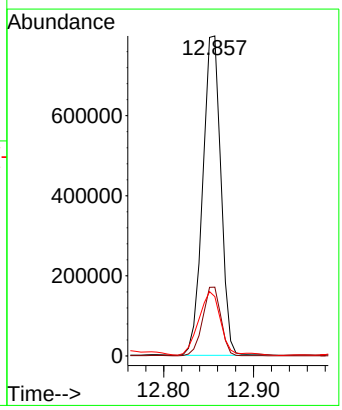


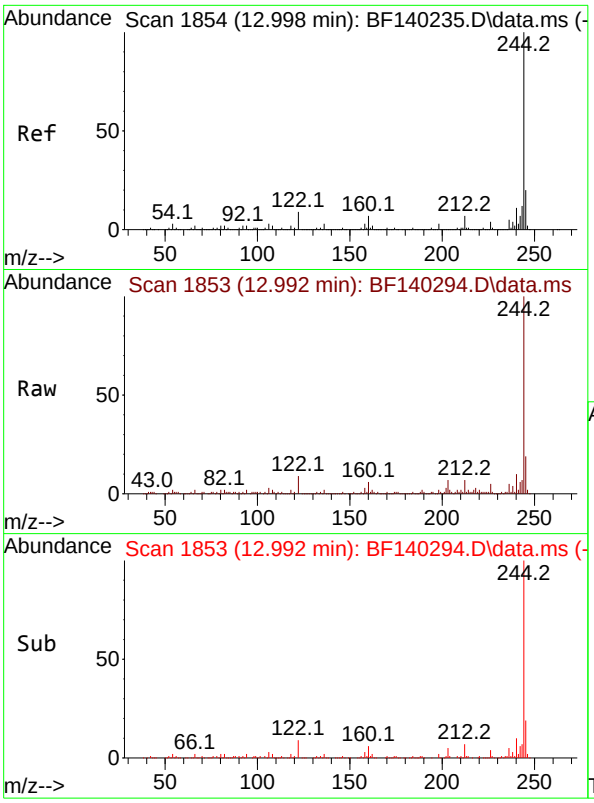


#78
Pyrene
Concen: 46.321 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.006 min
Lab File: BF140294.D
Acq: 08 Nov 2024 13:13

Tgt Ion:202 Resp: 1119681

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.5	26.3
203	18.5	14.4	21.6



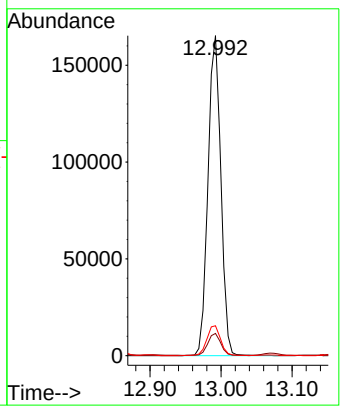


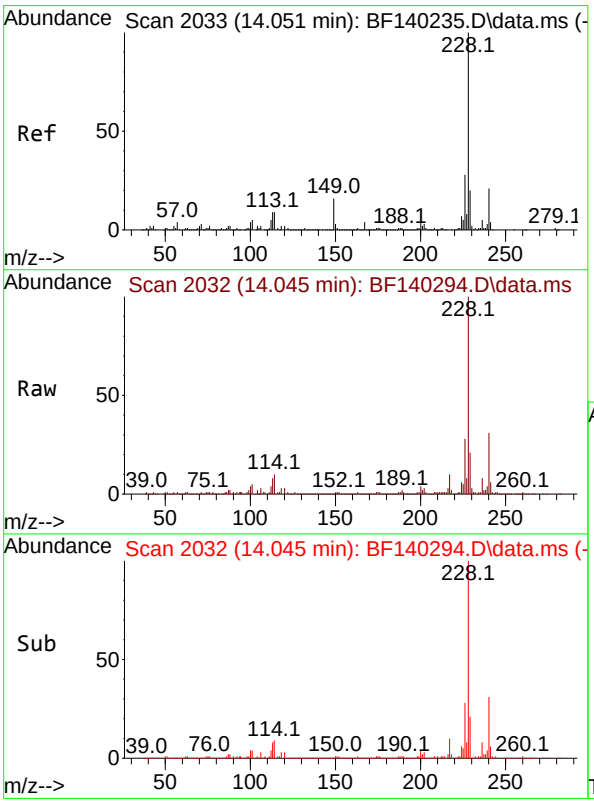
#79
Terphenyl-d14
Concen: 11.652 ng
RT: 12.992 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140294.D
Acq: 08 Nov 2024 13:13

Instrument :
BNA_F
ClientSampleId :
Z-01DL

Tgt Ion:244 Resp: 208238

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	9.3	7.6	11.4

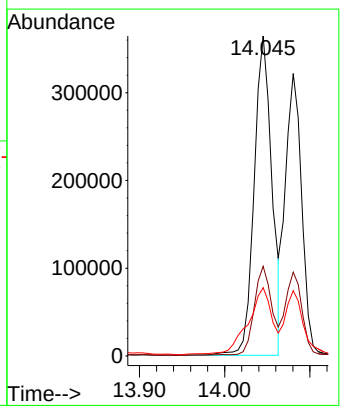


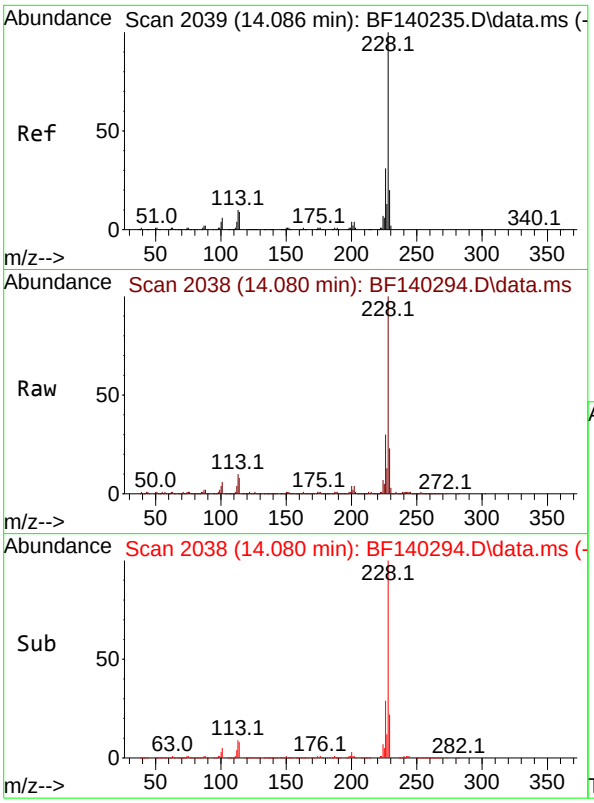


#81
Benzo(a)anthracene
Concen: 28.191 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140294.D
Acq: 08 Nov 2024 13:13

Tgt Ion:228 Resp: 529649

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.3	33.5
229	21.3	16.1	24.1



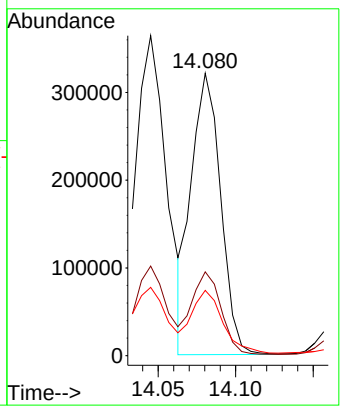


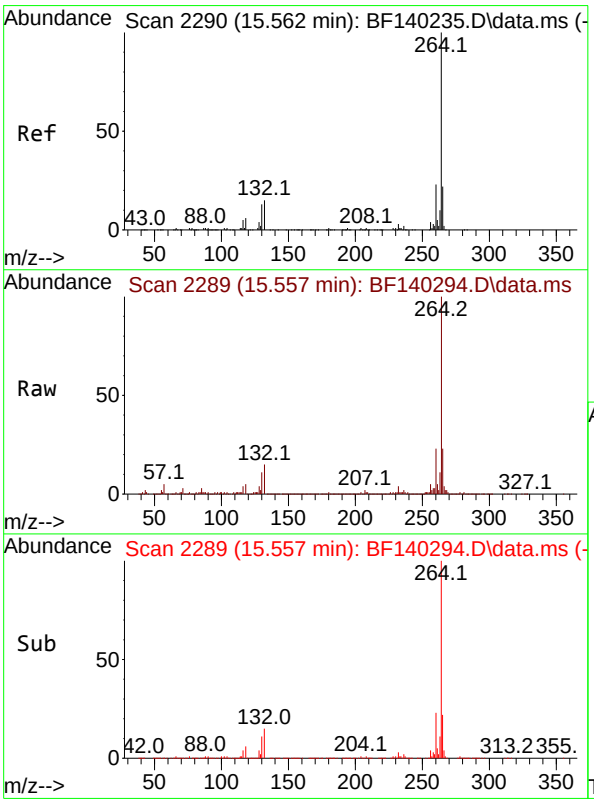
#83
Chrysene
Concen: 24.085 ng
RT: 14.080 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF140294.D
Acq: 08 Nov 2024 13:13

Instrument :
BNA_F
ClientSampleId :
Z-01DL

Tgt Ion:228 Resp: 423747

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.6	36.8
229	23.1	16.1	24.1

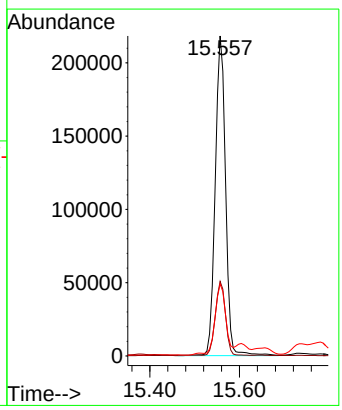


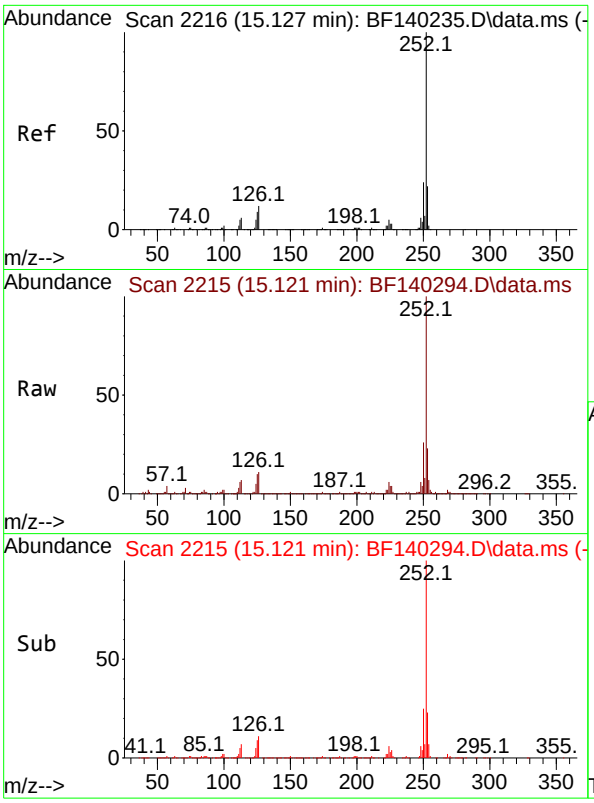


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2289
Delta R.T. -0.006 min
Lab File: BF140294.D
Acq: 08 Nov 2024 13:13

Tgt Ion:264 Resp: 349826

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	22.5	17.3	25.9



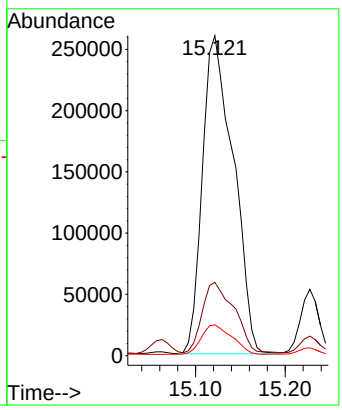


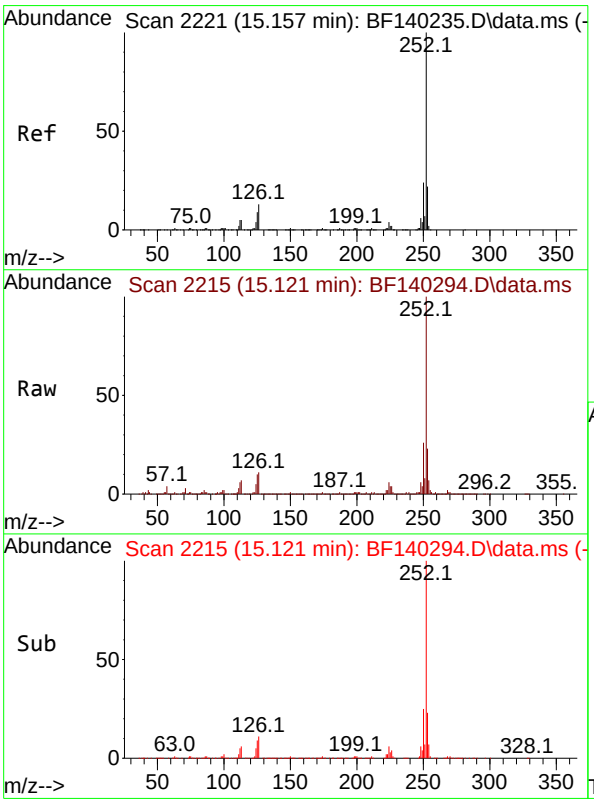
#88
Benzo(b)fluoranthene
Concen: 29.416 ng
RT: 15.121 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF140294.D
Acq: 08 Nov 2024 13:13

Instrument :
BNA_F
ClientSampleId :
Z-01DL

Tgt Ion:252 Resp: 622458

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	9.6	7.0	10.6

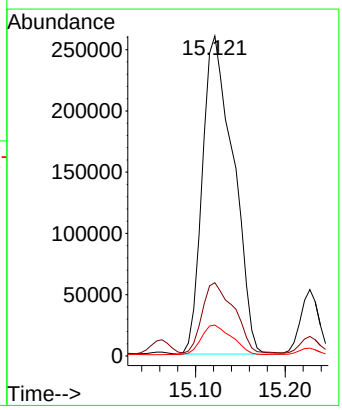


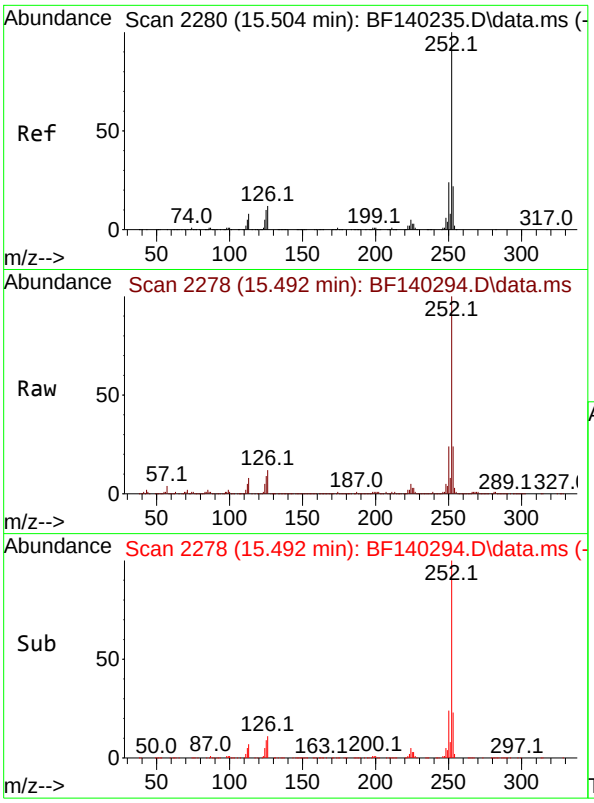


#89
Benzo(k)fluoranthene
Concen: 32.058 ng
RT: 15.121 min Scan# 2215
Delta R.T. -0.035 min
Lab File: BF140294.D
Acq: 08 Nov 2024 13:13

Tgt Ion:252 Resp: 622458

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	9.6	7.2	10.8



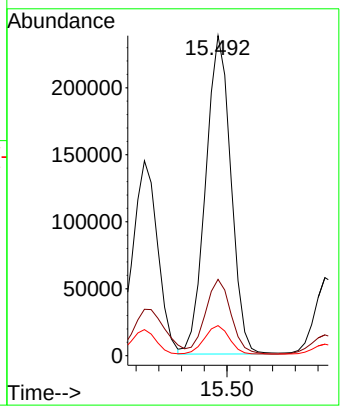


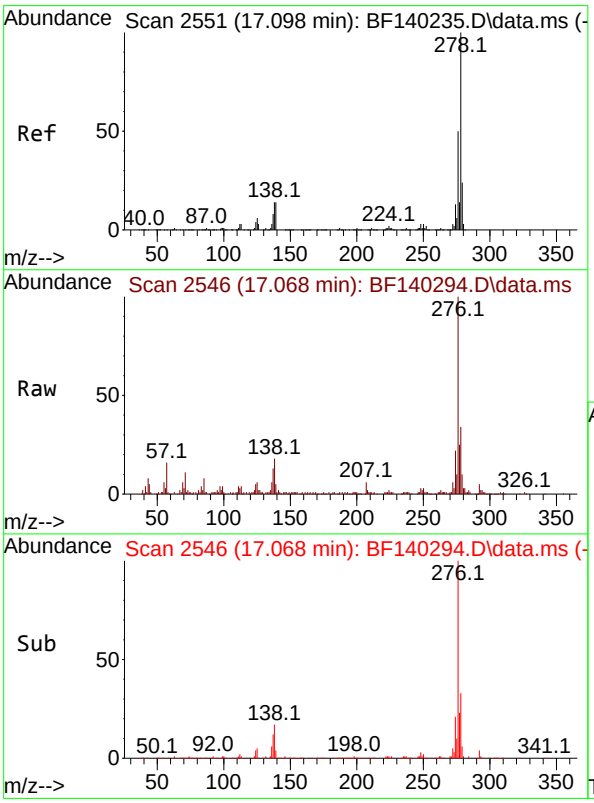
#90
Benzo(a)pyrene
Concen: 21.036 ng
RT: 15.492 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF140294.D
Acq: 08 Nov 2024 13:13

Instrument :
BNA_F
ClientSampleId :
Z-01DL

Tgt Ion:252 Resp: 367009

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.0
125	9.4	7.6	11.4

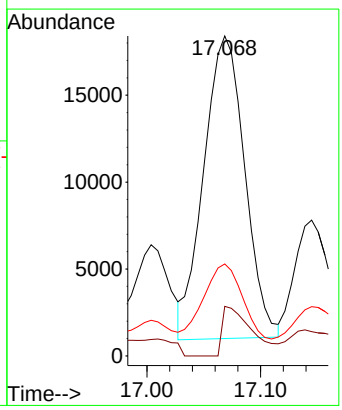


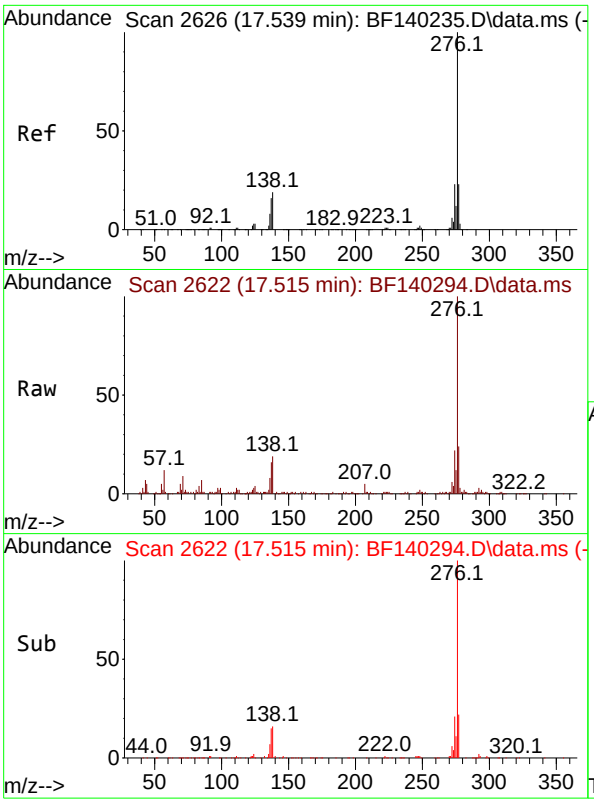


#91
Dibenzo(a,h)anthracene
Concen: 2.586 ng
RT: 17.068 min Scan# 2546
Delta R.T. -0.029 min
Lab File: BF140294.D
Acq: 08 Nov 2024 13:13

Tgt Ion:278 Resp: 43681

Ion	Ratio	Lower	Upper
278	100		
139	15.5	11.1	16.7
279	28.8	19.1	28.7#





#92
Benzo(g,h,i)perylene
Concen: 7.422 ng
RT: 17.515 min Scan# 2
Delta R.T. -0.023 min
Lab File: BF140294.D
Acq: 08 Nov 2024 13:13

Instrument :
BNA_F
ClientSampleId :
Z-01DL

Tgt Ion:276 Resp: 127910

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	18.8	15.3	22.9