Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130506.D
Acq On : 03 Oct 2022 19:01
Operator : CG\JU
Sample : N4907-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Quant Time: Oct 04 03:18:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 02:59:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.634	152	88799	20.000	ng		-0.01
21) Naphthalene-d8	7.916	136	335743	20.000	ng		-0.01
39) Acenaphthene-d10	9.669	164	143774	20.000	ng		-0.01
64) Phenanthrene-d10	11.151	188	186611	20.000	ng		0.00
76) Chrysene-d12	13.786	240	173438	20.000	ng		0.00
86) Perylene-d12	15.174	264	202616	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.240	112	479769	93.711	ng		0.00
7) Phenol-d6	6.281	99	606878	94.737	ng		-0.01
23) Nitrobenzene-d5	7.204	82	369666	56.250	ng		-0.01
42) 2,4,6-Tribromophenol	10.457	330	92470	67.123	ng		-0.01
45) 2-Fluorobiphenyl	8.992	172	544568	55.156	ng		-0.02
79) Terphenyl-d14	12.733	244	368687	35.213	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	7.204	70	50480	11.678	ng	#	75
25) Isophorone	7.204	82	369662	34.900	ng	#	66
31) Naphthalene	7.939	128	404217	23.369	ng		99
33) 4-Chloroaniline	7.939	127	51896	7.889	ng	#	34
37) 2-Methylnaphthalene	8.628	142	139364	12.637	ng		99
38) 1-Methylnaphthalene	8.728	142	103543	9.773	ng		99
46) 1,1'-Biphenyl	9.092	154	41755	3.889	ng		100
49) Acenaphthylene	9.528	152	44184	3.393	ng	#	96
50) Dimethylphthalate	9.669	163	26719	2.690	ng	#	1
51) 2,6-Dinitrotoluene	9.669	165	23471	11.300	ng	#	17
52) Acenaphthene	9.698	154	86311	10.087	ng		98
55) Dibenzofuran	9.875	168	196123	16.478	ng		97
56) 4-Nitrophenol	9.869	139	86914	51.560	ng	#	1
58) Fluorene	10.216	166	272922	28.039	ng		98
67) 4-Bromophenyl-phenylether	10.451	248	5743	2.790	ng	#	1
71) Phenanthrene	11.180	178	1496016	142.789	ng		100
72) Anthracene	11.228	178	320533	31.703	ng		98
73) Carbazole	11.386	167	161170	17.663	ng		98
75) Fluoranthene	12.363	202	1223730	120.874	ng		99
78) Pyrene	12.592	202	1008844	66.492	ng		99
81) Benzo(a)anthracene	13.774	228	587838	50.948	ng		98
83) Chrysene	13.774	228	587838	53.658	ng		98
87) Indeno(1,2,3-cd)pyrene	16.492	276	275089	19.146	ng		94
88) Benzo(b)fluoranthene	14.786	252	866189	65.498	ng		99
89) Benzo(k)fluoranthene	14.786	252	866189	66.584	ng		98
90) Benzo(a)pyrene	15.121	252	487630	46.543	ng		98
91) Dibenzo(a,h)anthracene	16.651	278	50144	4.254	ng		93
92) Benzo(g,h,i)perylene	16.886	276	228223	19.221	ng		97

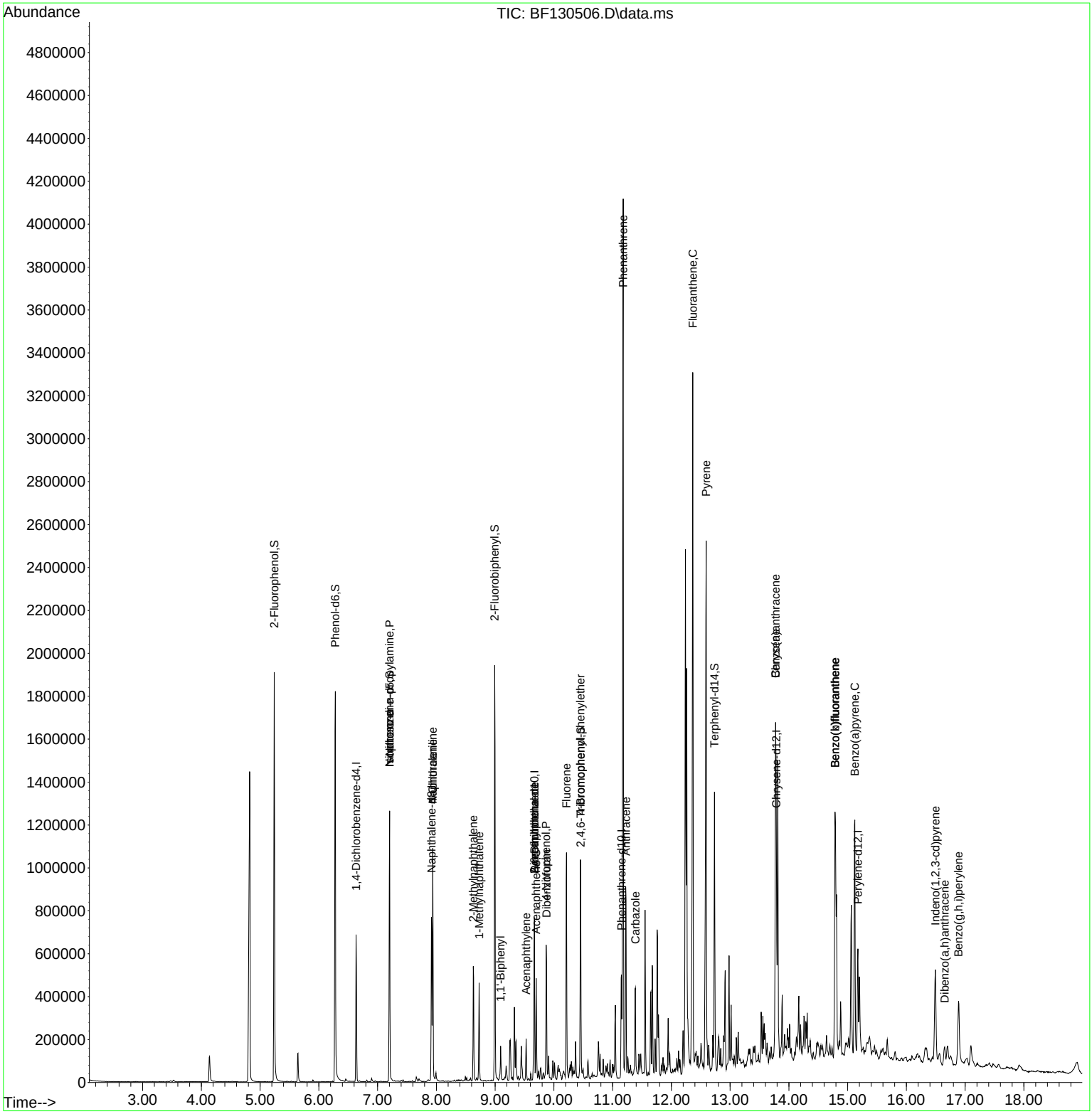
(#) = qualifier out of range (m) = manual integration (+) = signals summed

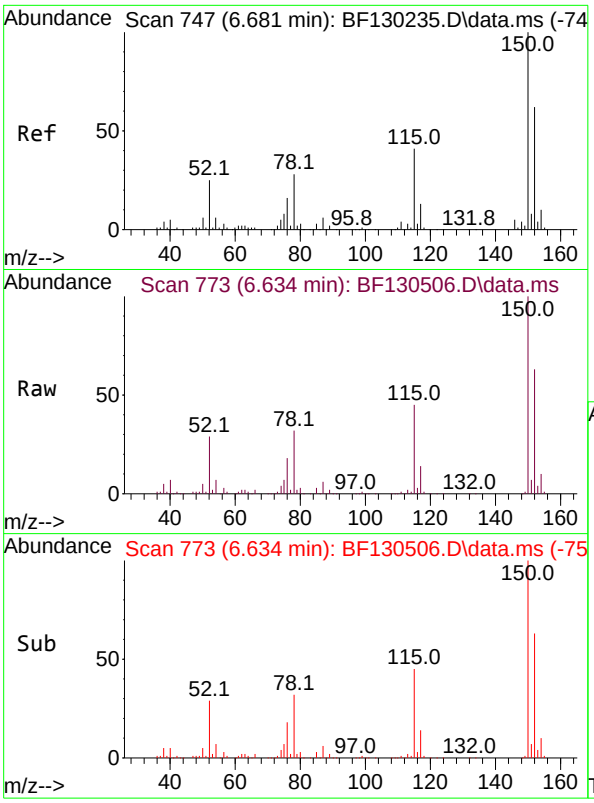
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130506.D
Acq On : 03 Oct 2022 19:01
Operator : CG\JU
Sample : N4907-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Quant Time: Oct 04 03:18:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 02:59:31 2022
Response via : Initial Calibration



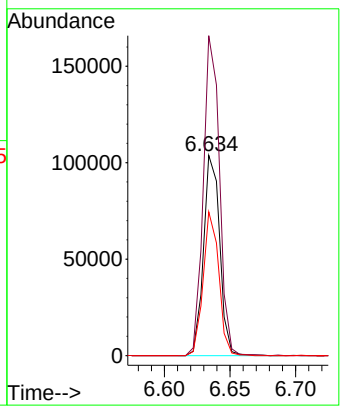


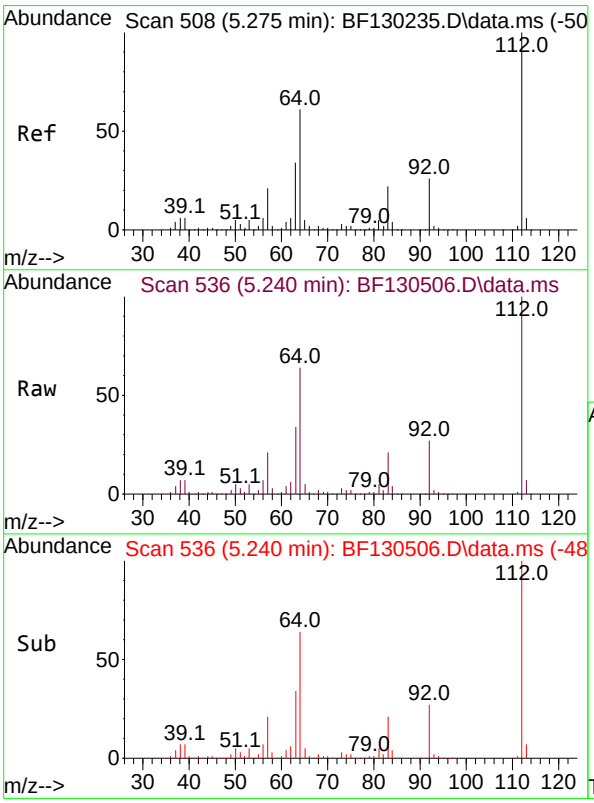
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.634 min Scan# 7
Delta R.T. -0.011 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Tgt Ion:152 Resp: 88799

Ion	Ratio	Lower	Upper
152	100		
150	159.8	122.8	184.2
115	71.7	53.8	80.8

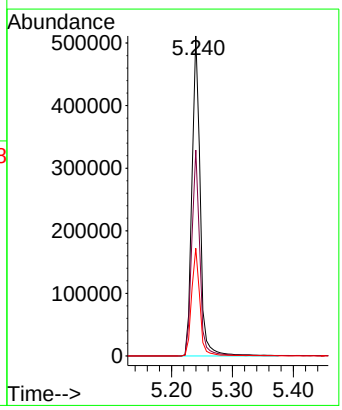


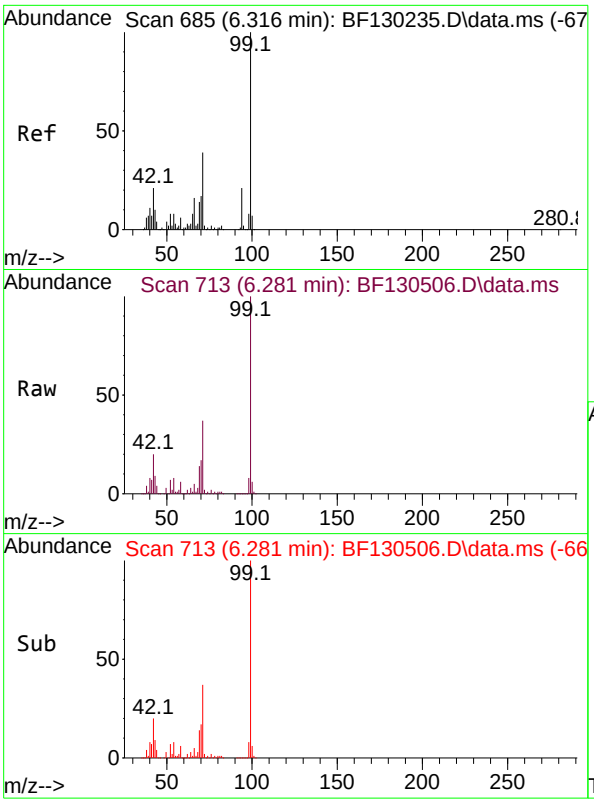


#5
2-Fluorophenol
Concen: 93.711 ng
RT: 5.240 min Scan# 536
Delta R.T. -0.006 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Tgt Ion:112 Resp: 479769

Ion	Ratio	Lower	Upper
112	100		
64	64.3	51.4	77.0
63	33.6	28.8	43.2



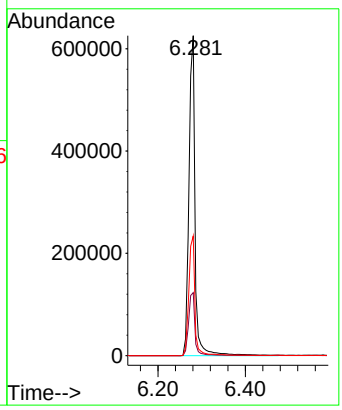


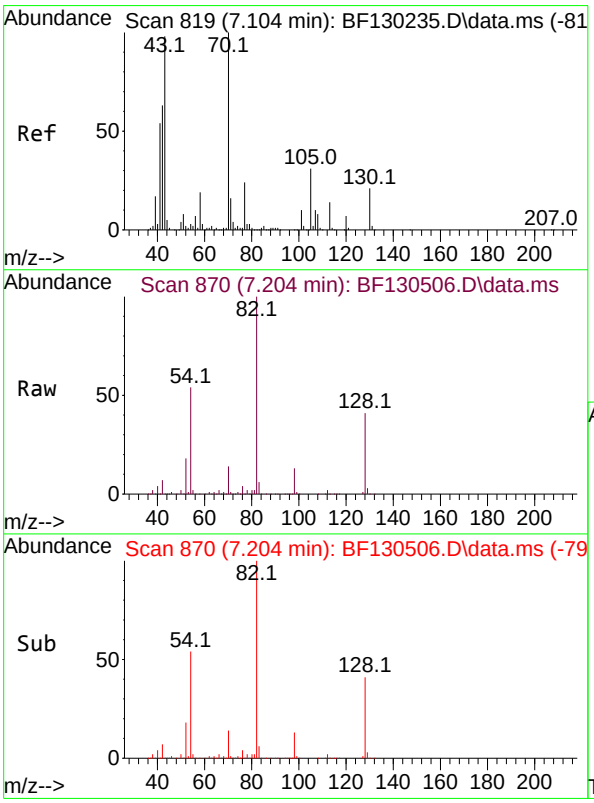
#7
Phenol-d6
Concen: 94.737 ng
RT: 6.281 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Tgt Ion: 99 Resp: 606878

Ion	Ratio	Lower	Upper
99	100		
42	19.7	17.0	25.6
71	37.4	32.3	48.5

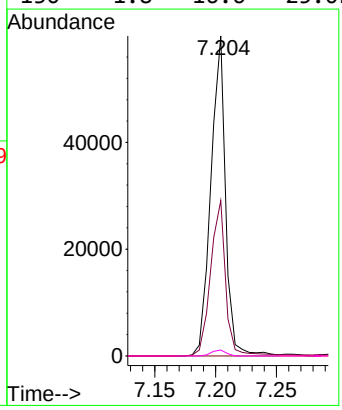


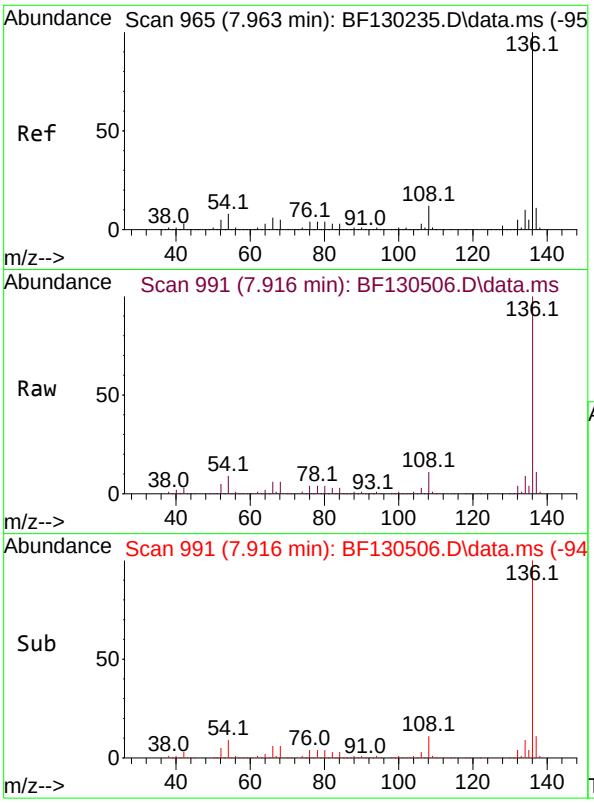


#19
n-Nitroso-di-n-propylamine
Concen: 11.678 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Tgt Ion: 70 Resp: 50480

Ion	Ratio	Lower	Upper
70	100		
42	48.5	50.8	76.2#
101	0.0	8.2	12.4#
130	1.8	16.6	25.0#



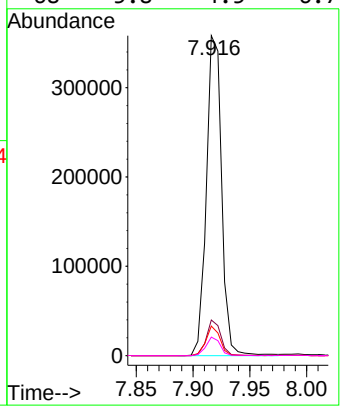


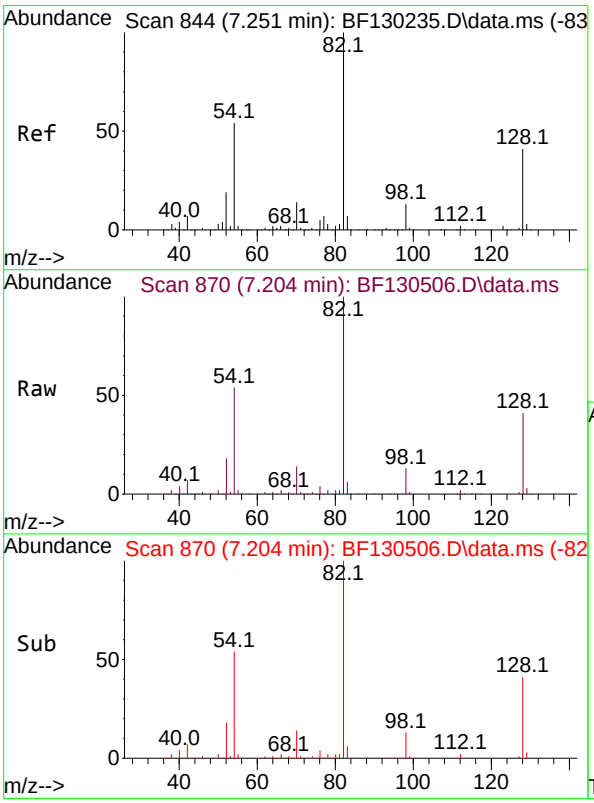
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 99
Delta R.T. -0.012 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Tgt Ion:136 Resp: 335743

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.2	7.1	10.7
68	5.8	4.5	6.7

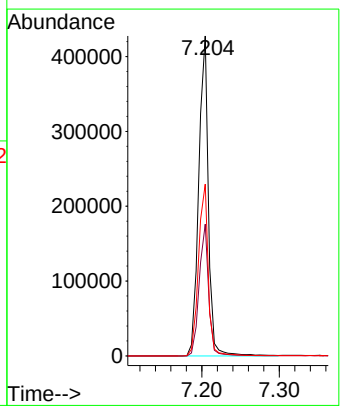


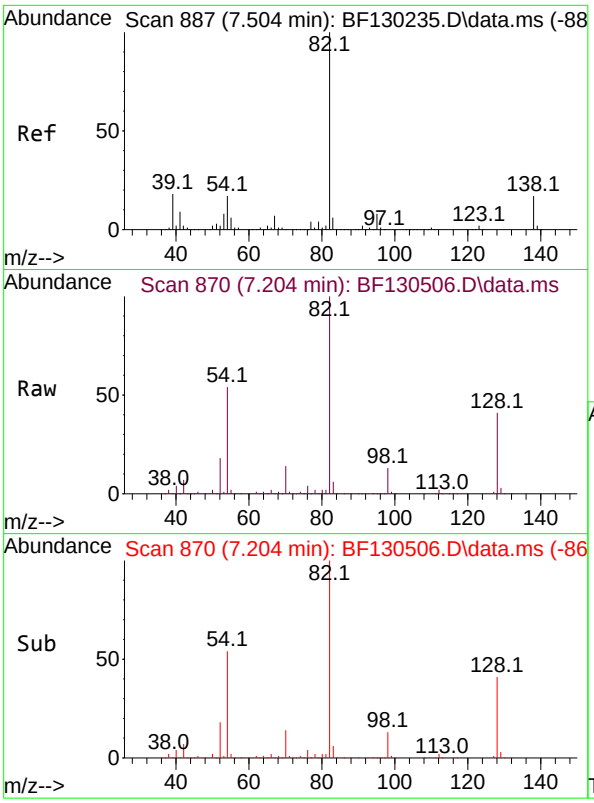


#23
Nitrobenzene-d5
Concen: 56.250 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Tgt Ion: 82 Resp: 369666

Ion	Ratio	Lower	Upper
82	100		
128	41.2	32.6	49.0
54	53.7	43.8	65.6



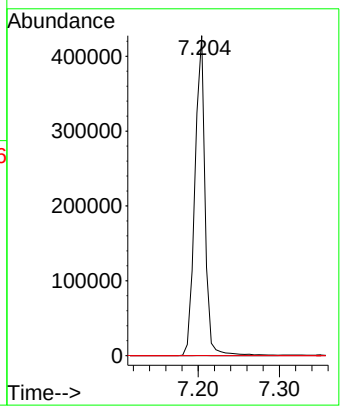


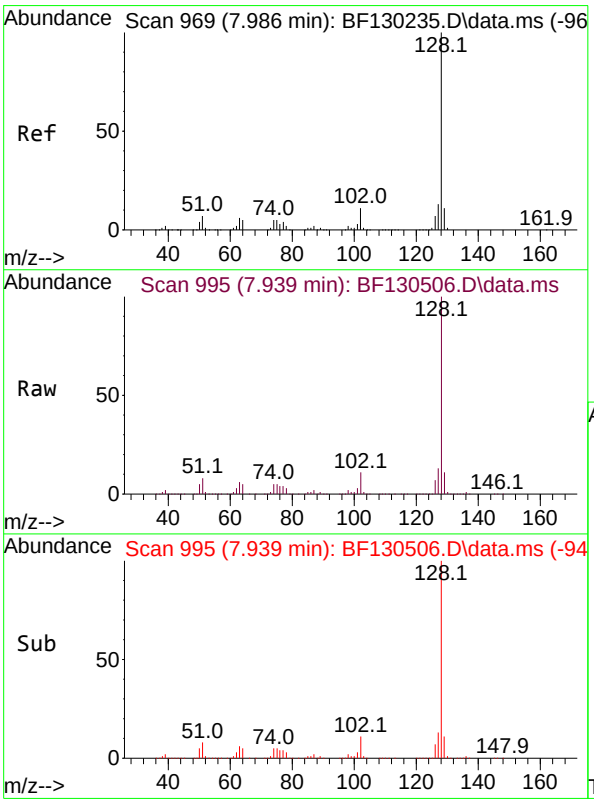
#25
Isophorone
Concen: 34.900 ng
RT: 7.204 min Scan# 8
Delta R.T. -0.270 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Tgt Ion: 82 Resp: 369662

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.4	9.6#
138	0.0	13.8	20.6#

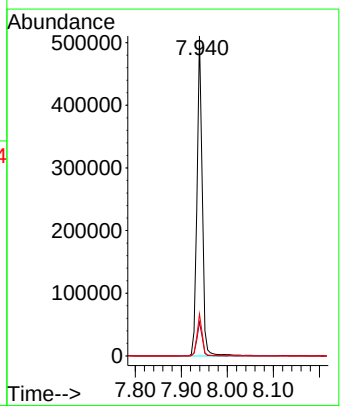


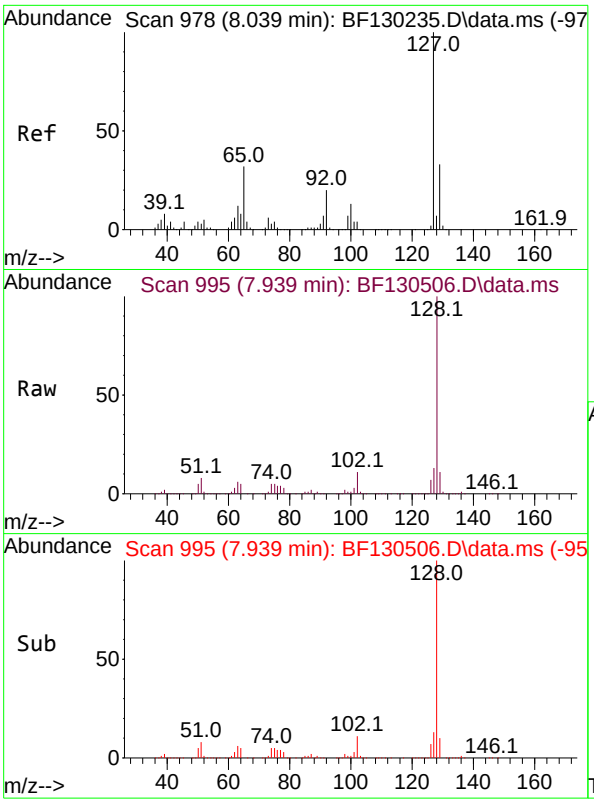


#31
Naphthalene
Concen: 23.369 ng
RT: 7.939 min Scan# 995
Delta R.T. -0.012 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Tgt Ion:128 Resp: 404217

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.1	13.7
127	13.1	10.6	16.0



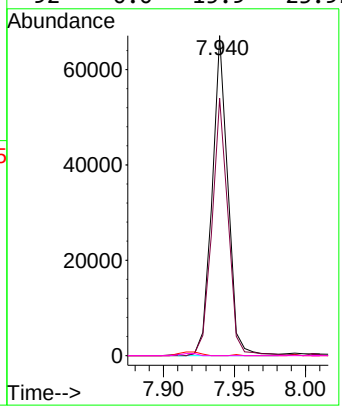


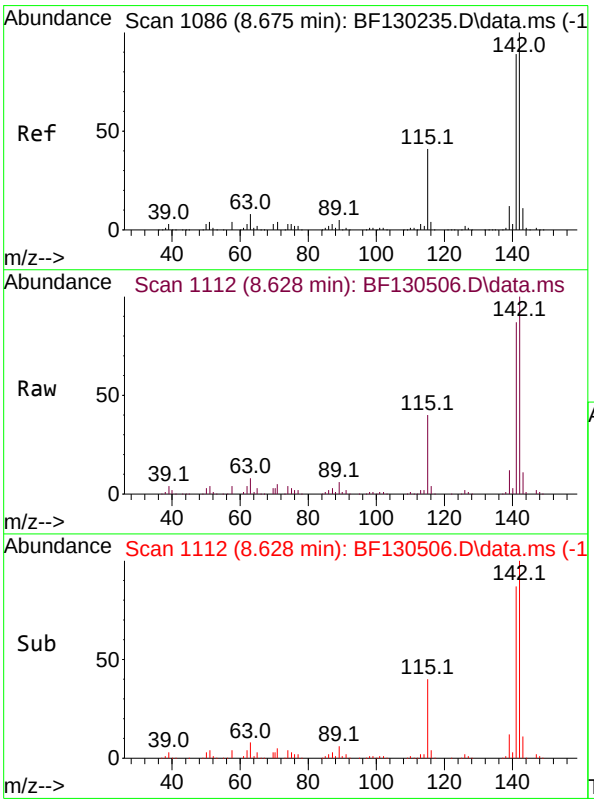
#33
4-Chloroaniline
Concen: 7.889 ng
RT: 7.939 min Scan# 9
Delta R.T. -0.065 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Tgt Ion:127 Resp: 51896

Ion	Ratio	Lower	Upper
127	100		
129	80.4	25.6	38.4#
65	0.0	27.0	40.6#
92	0.0	15.9	23.9#

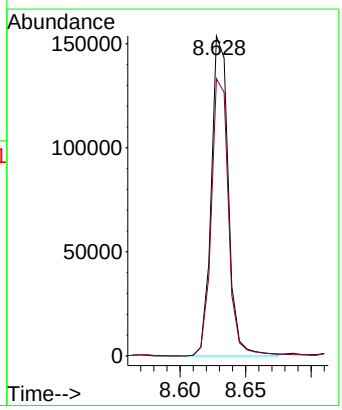


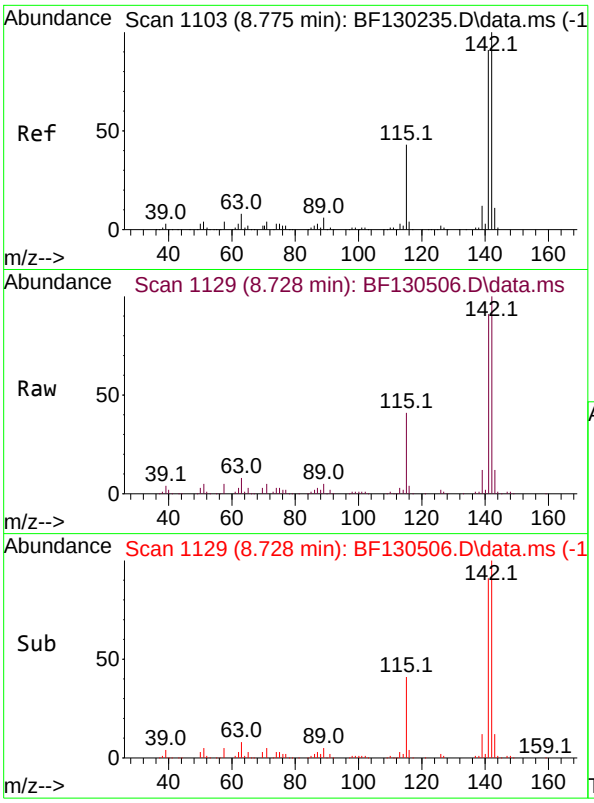


#37
2-Methylnaphthalene
Concen: 12.637 ng
RT: 8.628 min Scan# 1112
Delta R.T. -0.012 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Tgt Ion:142 Resp: 139364

Ion	Ratio	Lower	Upper
142	100		
141	86.6	70.0	105.0



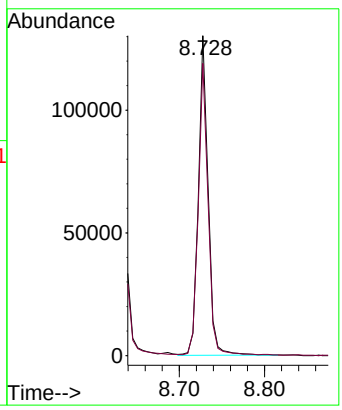


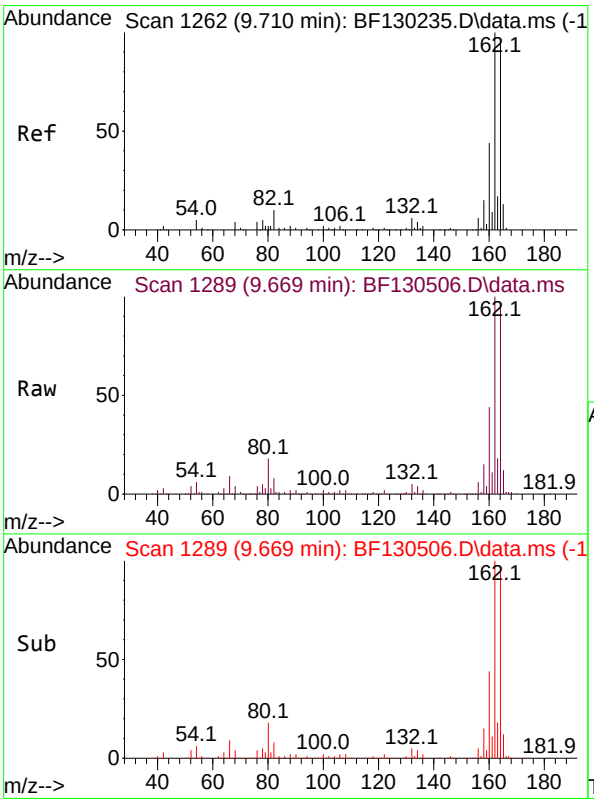
#38
1-Methylnaphthalene
Concen: 9.773 ng
RT: 8.728 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Tgt Ion:142 Resp: 103543

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.8	110.8

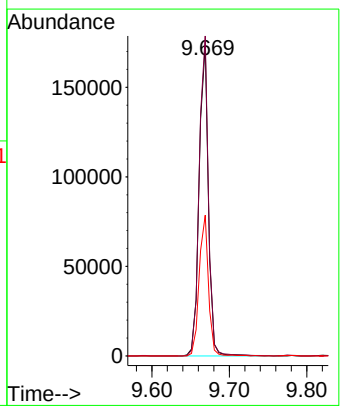


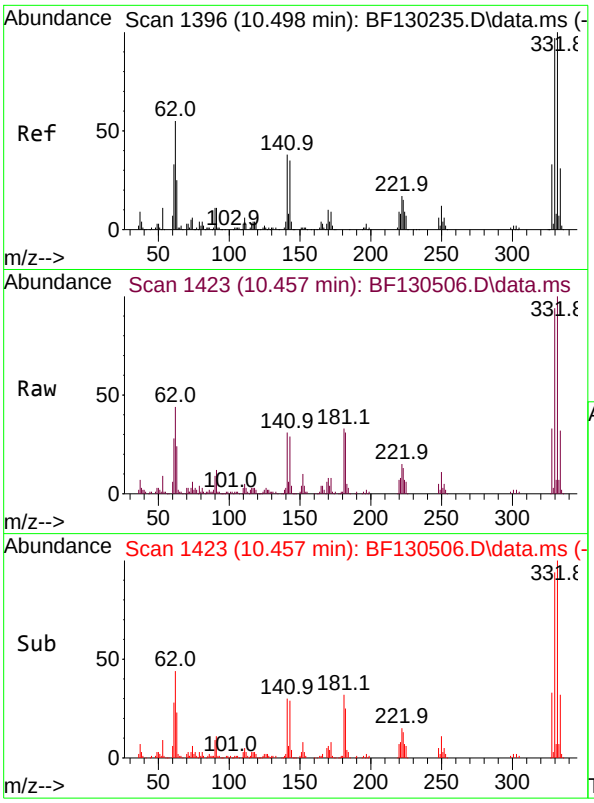


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Tgt Ion:164 Resp: 143774

Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.4	122.0
160	45.3	36.2	54.4



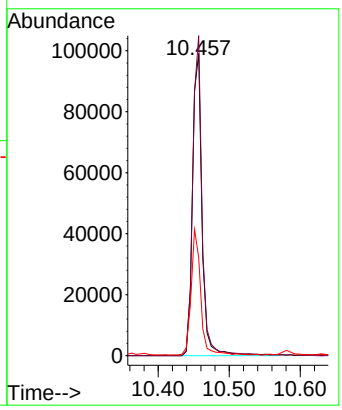


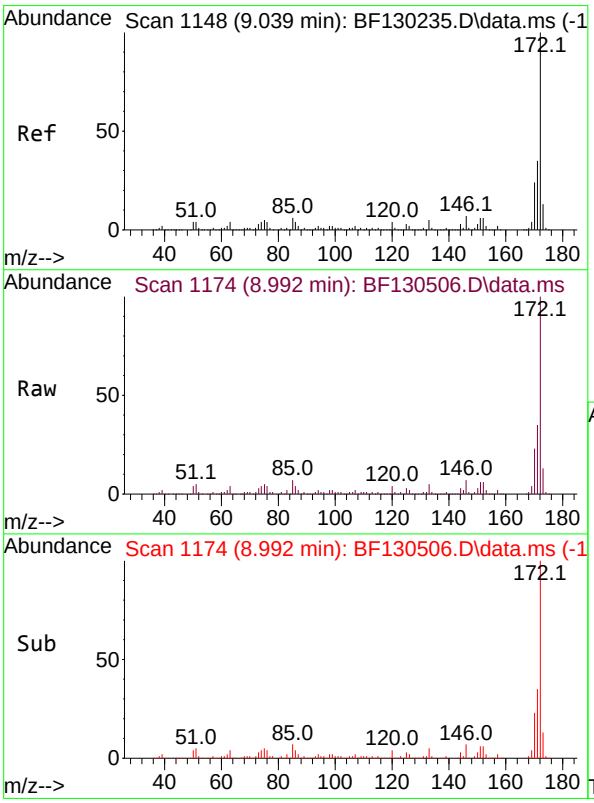
#42
2,4,6-Tribromophenol
Concen: 67.123 ng
RT: 10.457 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Tgt Ion:330 Resp: 92470

Ion	Ratio	Lower	Upper
330	100		
332	103.7	83.4	125.2
141	41.8	34.0	51.0

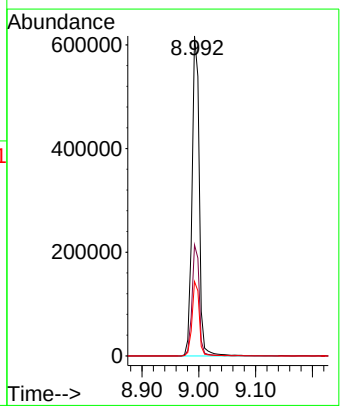


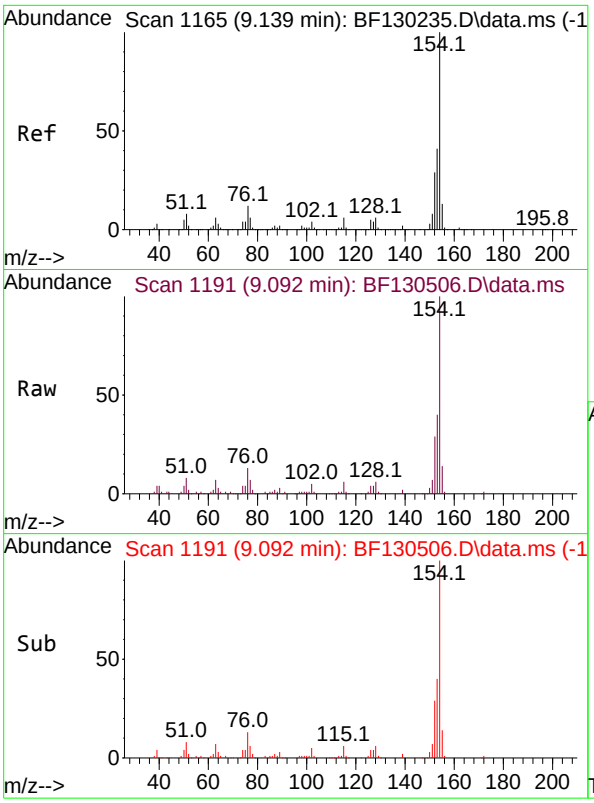


#45
2-Fluorobiphenyl
Concen: 55.156 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.018 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Tgt Ion:172 Resp: 544568

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.3	42.5
170	23.2	18.7	28.1



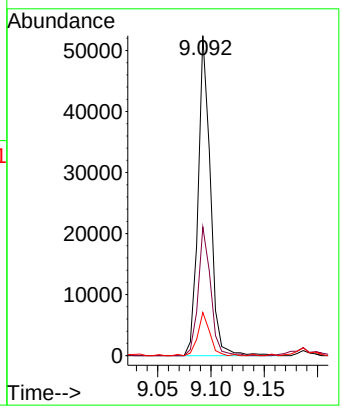


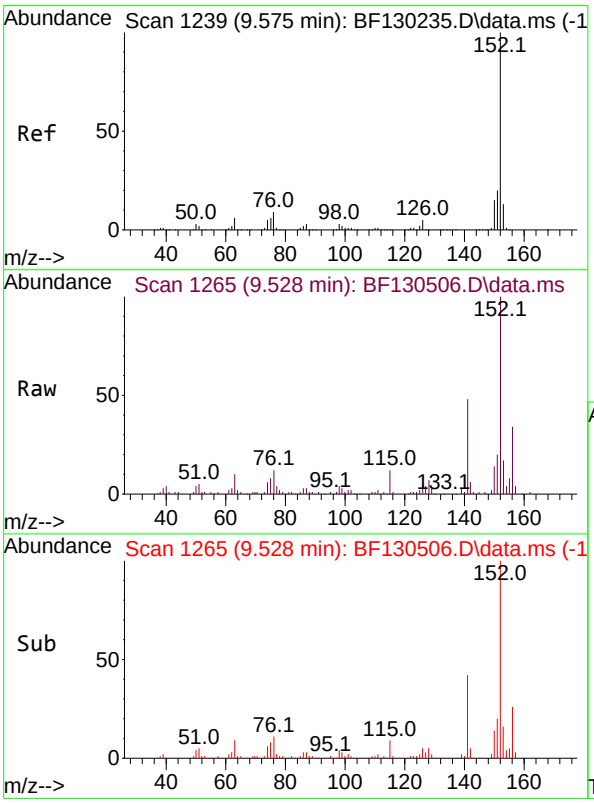
#46
1,1'-Biphenyl
Concen: 3.889 ng
RT: 9.092 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Tgt Ion:154 Resp: 41755

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.0	60.0
76	13.5	0.0	33.3

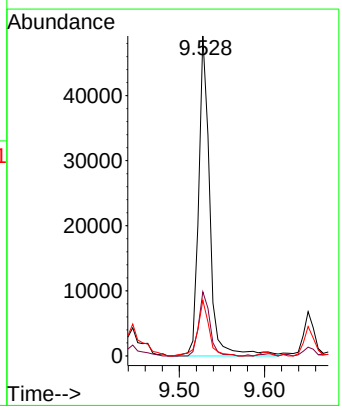


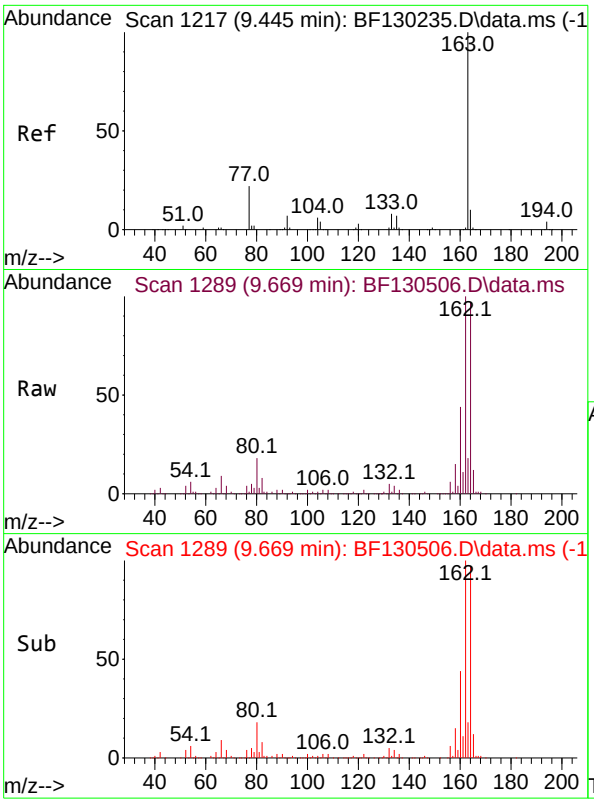


#49
Acenaphthylene
Concen: 3.393 ng
RT: 9.528 min Scan# 1265
Delta R.T. -0.012 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Tgt Ion:152 Resp: 44184

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2
153	17.4	10.6	15.8#



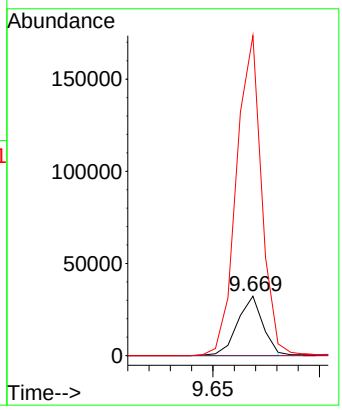


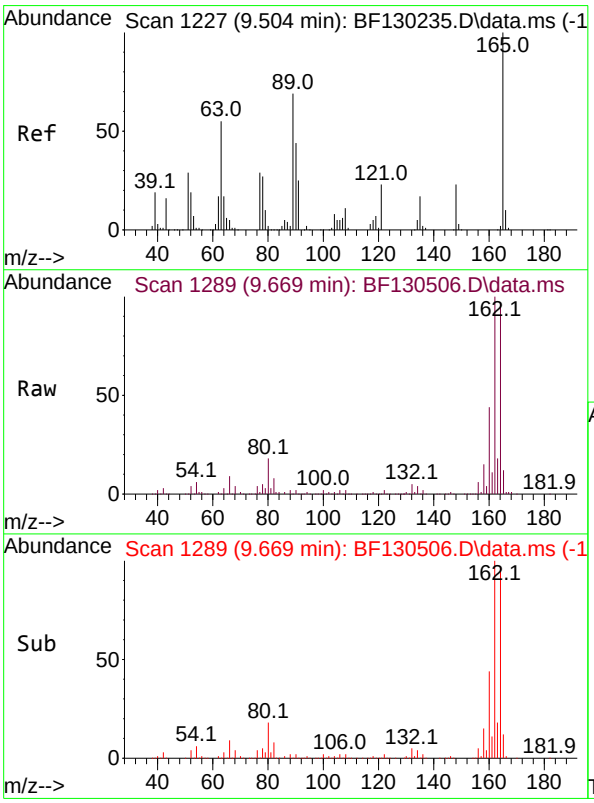
#50
Dimethylphthalate
Concen: 2.690 ng
RT: 9.669 min Scan# 1
Delta R.T. 0.253 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Tgt Ion:163 Resp: 26719

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.8	4.2#
164	538.4	8.2	12.2#

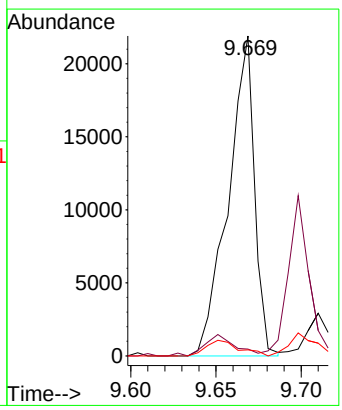


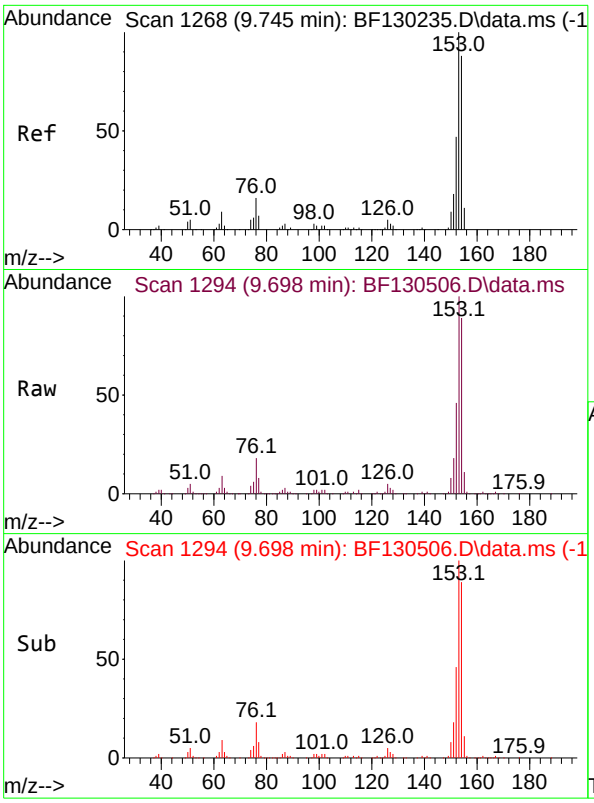


#51
2,6-Dinitrotoluene
Concen: 11.300 ng
RT: 9.669 min Scan# 1289
Delta R.T. 0.194 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Tgt Ion:165 Resp: 23471

Ion	Ratio	Lower	Upper
165	100		
63	2.1	58.8	88.2#
89	1.9	54.5	81.7#



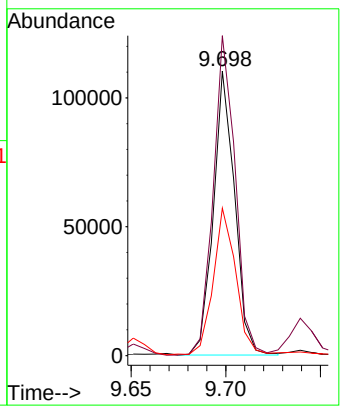


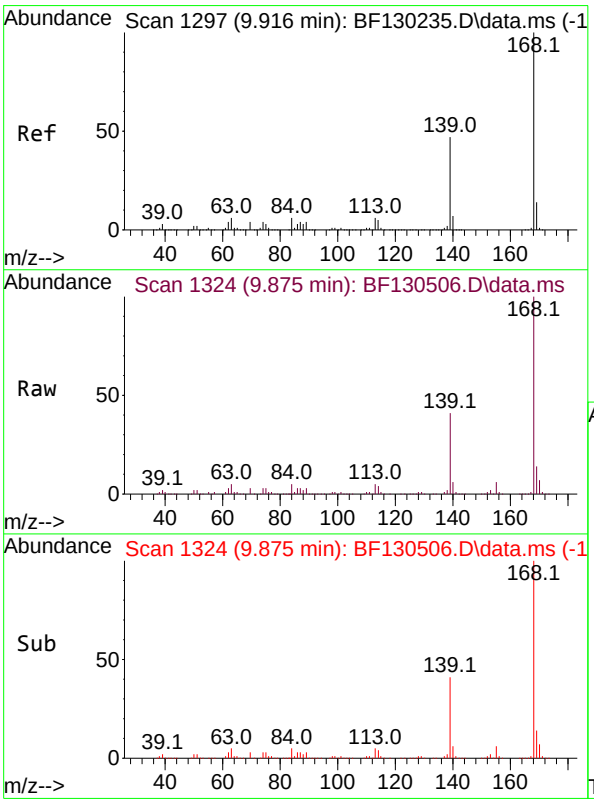
#52
Acenaphthene
Concen: 10.087 ng
RT: 9.698 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Tgt Ion:154 Resp: 86311

Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.6	136.0
152	51.8	43.8	65.6

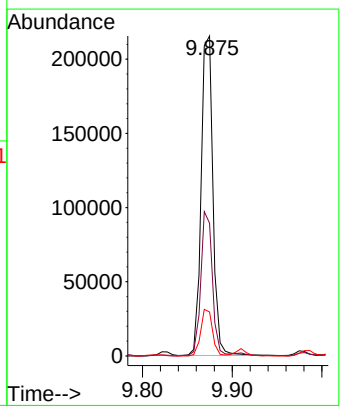


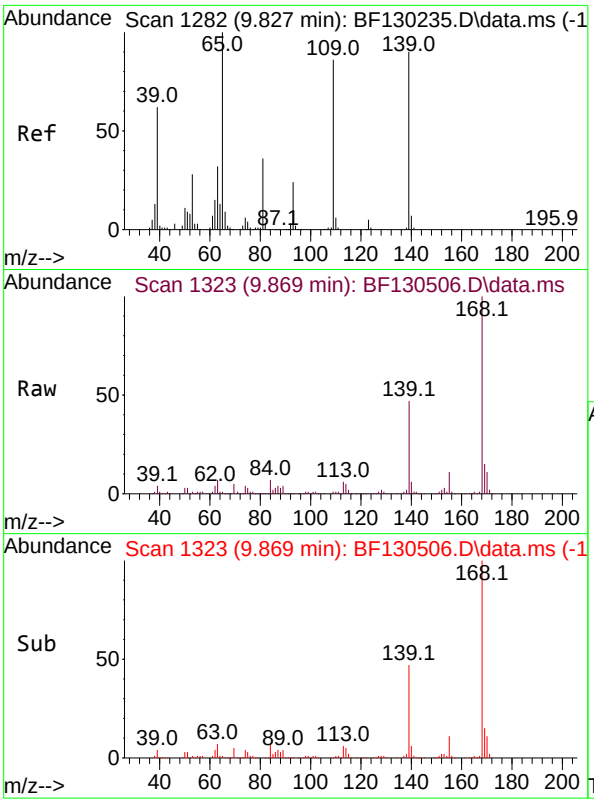


#55
Dibenzofuran
Concen: 16.478 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Tgt Ion:168 Resp: 196123

Ion	Ratio	Lower	Upper
168	100		
139	41.5	35.0	52.4
169	13.7	10.9	16.3



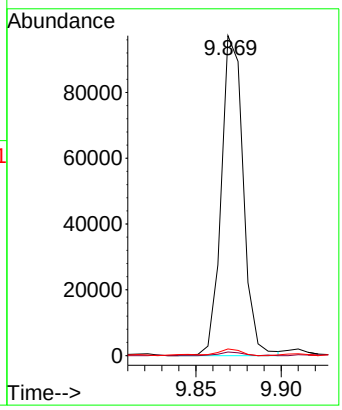


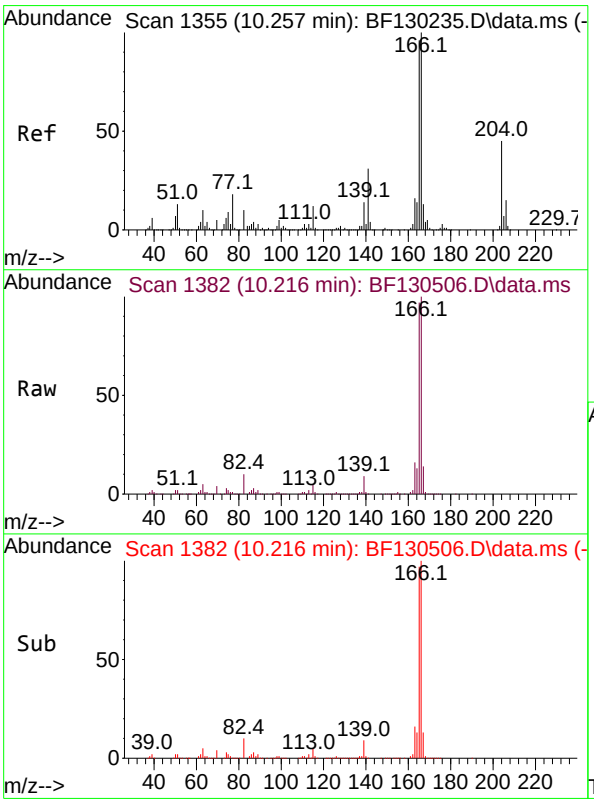
#56
4-Nitrophenol
Concen: 51.560 ng
RT: 9.869 min Scan# 1
Delta R.T. 0.059 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Tgt Ion:139 Resp: 86914

Ion	Ratio	Lower	Upper
139	100		
109	1.1	72.2	112.2#
65	2.1	97.7	137.7#

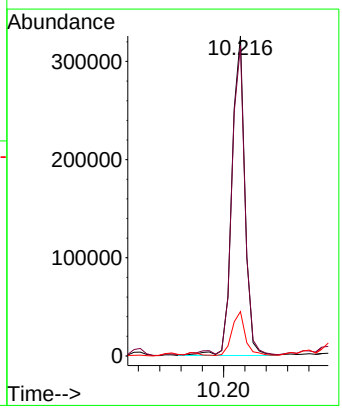


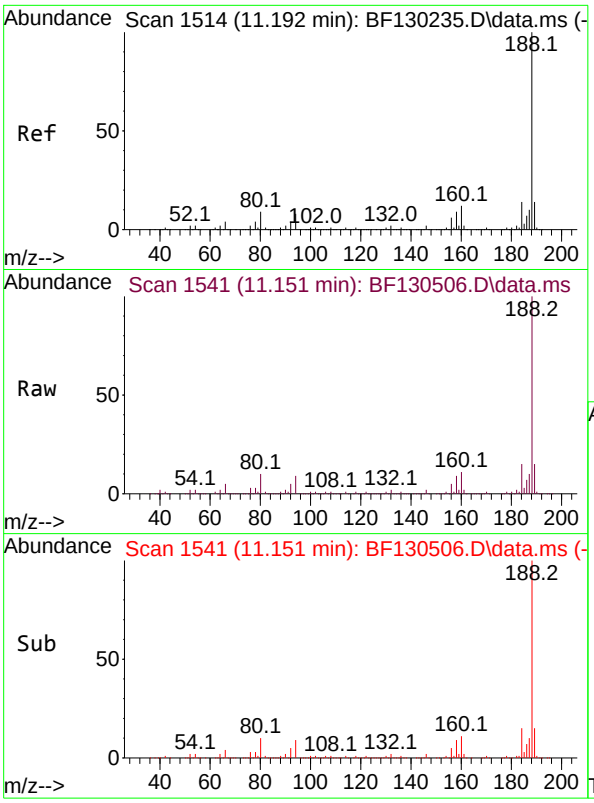


#58
Fluorene
Concen: 28.039 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.012 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Tgt Ion:166 Resp: 272922

Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.8	118.2
167	13.8	10.6	15.8



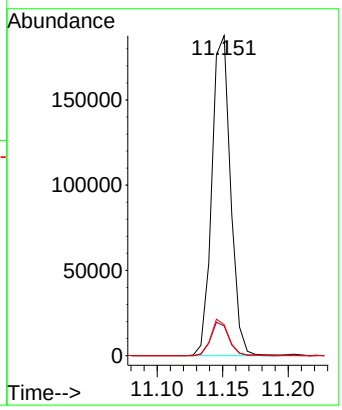


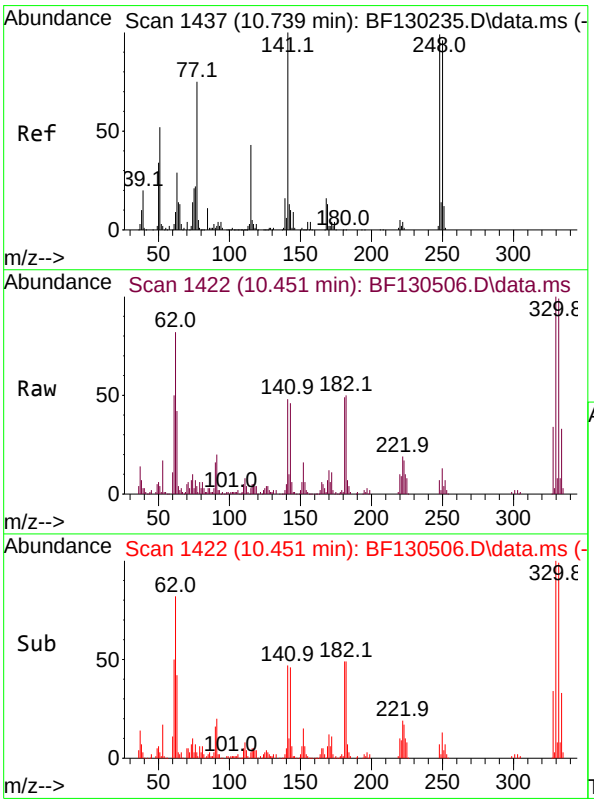
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Tgt Ion:188 Resp: 186611

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.4	11.2
80	9.7	7.9	11.9

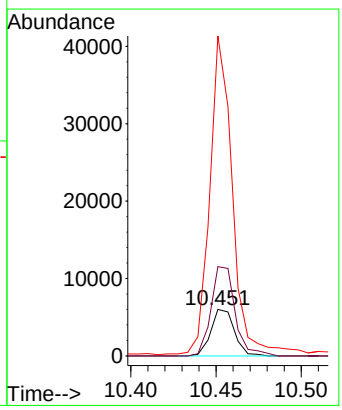


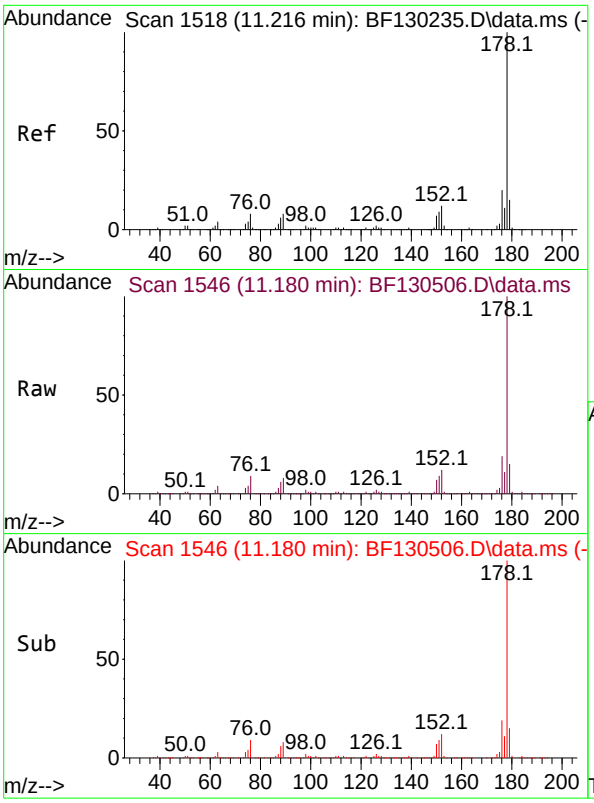


#67
4-Bromophenyl-phenylether
Concen: 2.790 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.259 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Tgt Ion:248 Resp: 5743

Ion	Ratio	Lower	Upper
248	100		
250	191.9	80.0	120.0#
141	688.2	68.5	102.7#



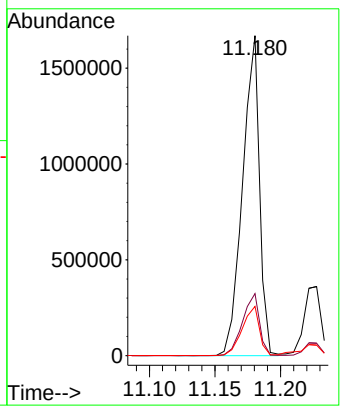


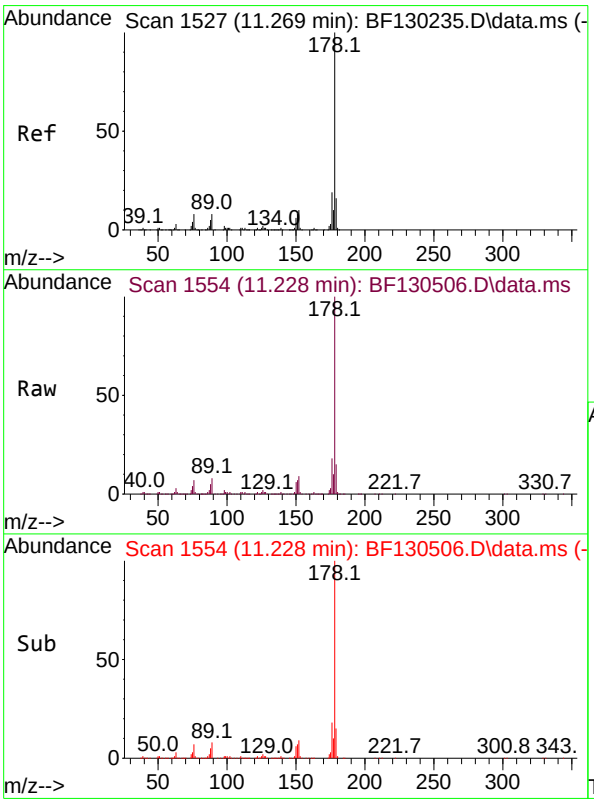
#71
Phenanthrene
Concen: 142.789 ng
RT: 11.180 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Tgt Ion:178 Resp: 1496016

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.4	12.4	18.6

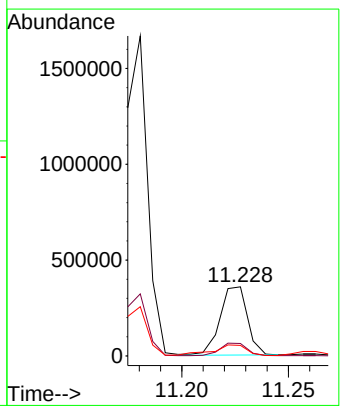


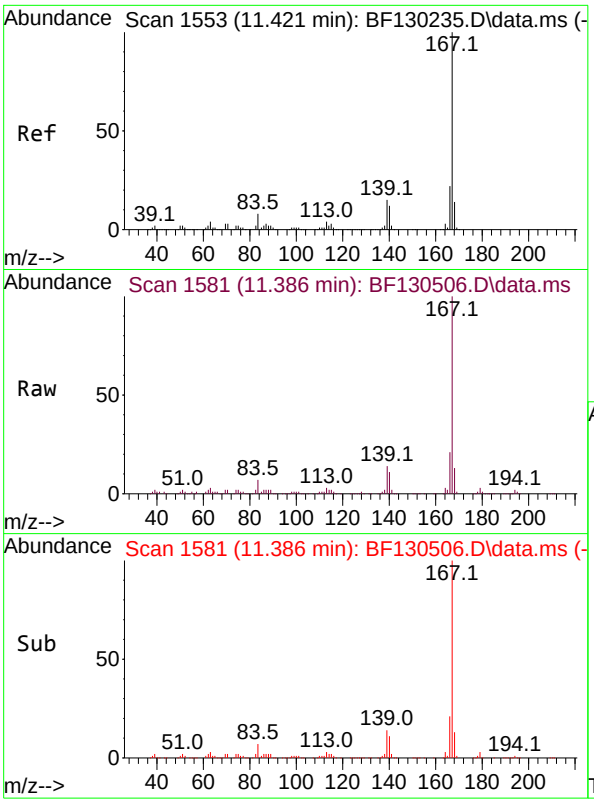


#72
Anthracene
Concen: 31.703 ng
RT: 11.228 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Tgt Ion:178 Resp: 320533

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.0	22.6
179	15.1	12.7	19.1



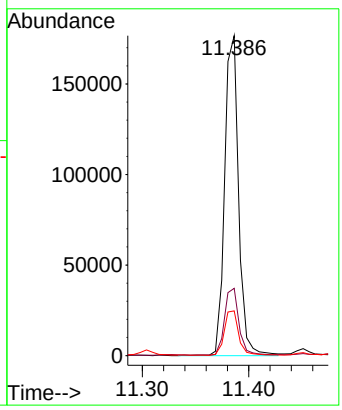


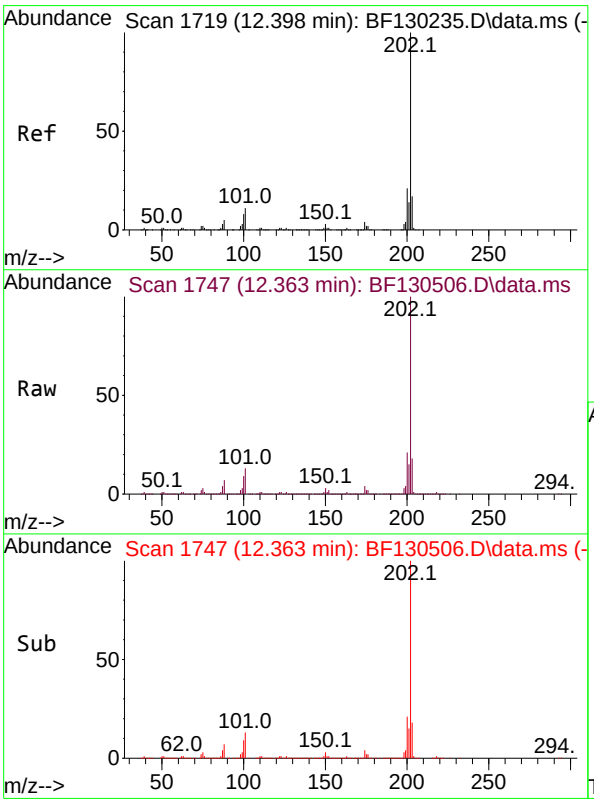
#73
Carbazole
Concen: 17.663 ng
RT: 11.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Tgt Ion:167 Resp: 161170

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.4	26.2
139	14.0	11.6	17.4

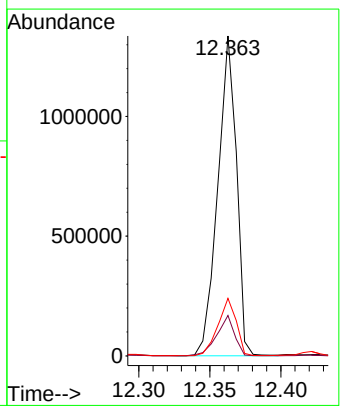


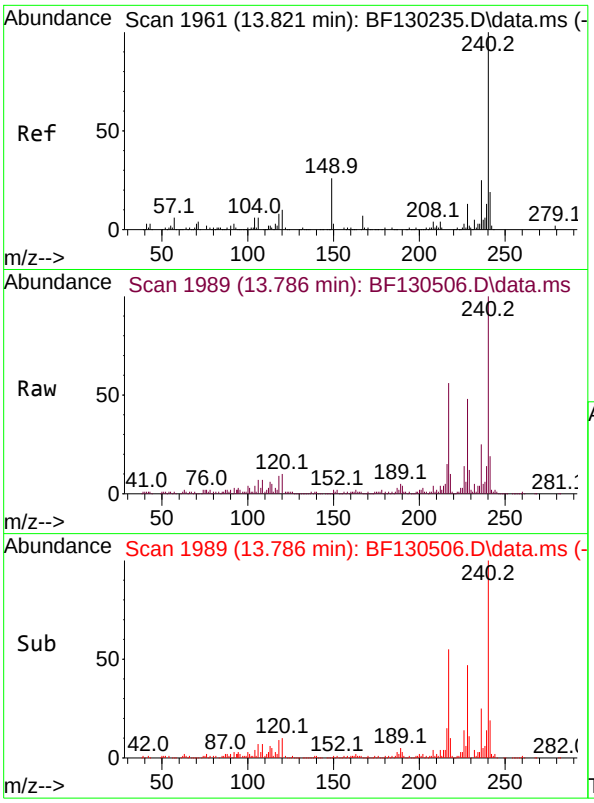


#75
Fluoranthene
Concen: 120.874 ng
RT: 12.363 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Tgt Ion:202 Resp: 1223730

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	31.8
203	18.0	0.0	37.8



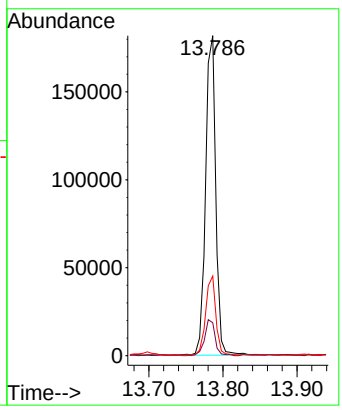


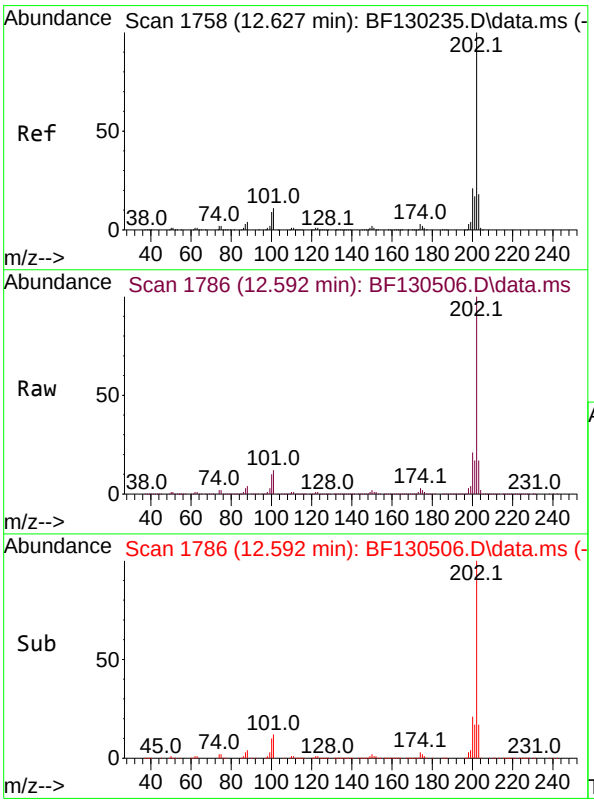
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.786 min Scan# 19
Delta R.T. -0.006 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Tgt Ion:240 Resp: 173438

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.7	13.1
236	24.9	20.9	31.3

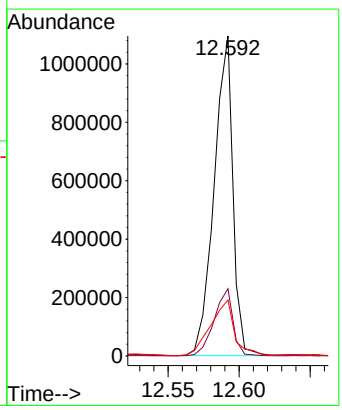


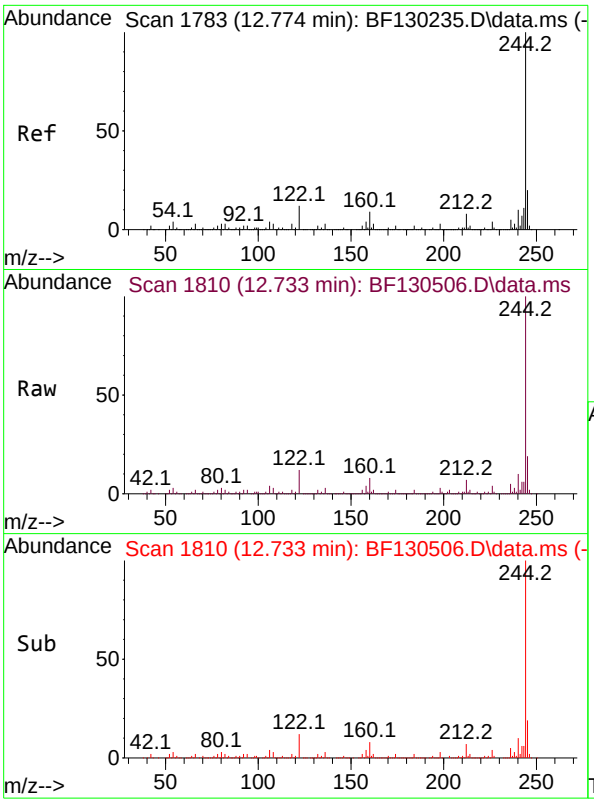


#78
Pyrene
Concen: 66.492 ng
RT: 12.592 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Tgt Ion:202 Resp: 1008844

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.2	25.8
203	17.5	14.3	21.5



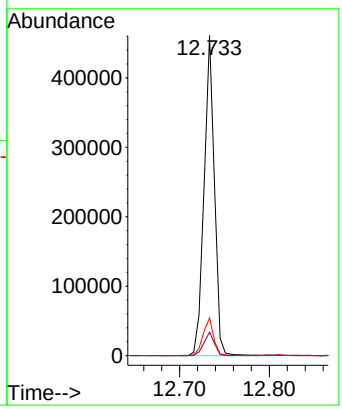


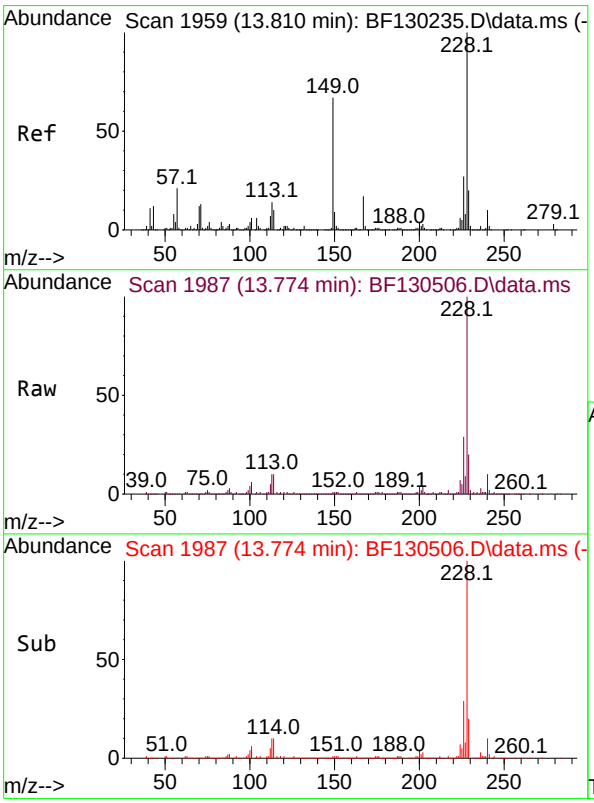
#79
Terphenyl-d14
Concen: 35.213 ng
RT: 12.733 min Scan# 18
Delta R.T. -0.012 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Tgt Ion:244 Resp: 368687

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	11.8	8.5	12.7

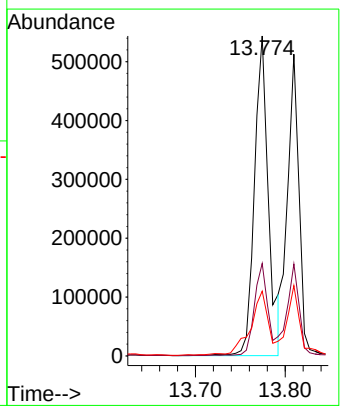


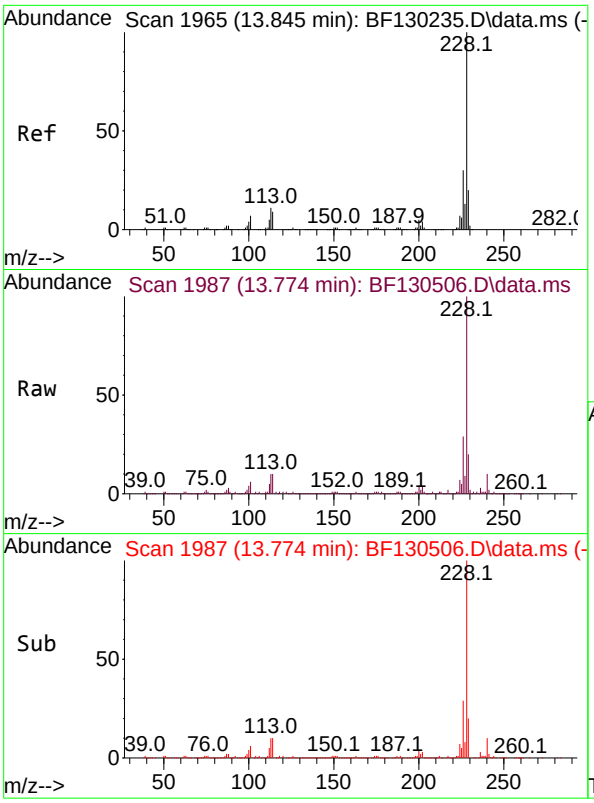


#81
Benzo(a)anthracene
Concen: 50.948 ng
RT: 13.774 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Tgt Ion:228 Resp: 587838

Ion	Ratio	Lower	Upper
228	100		
226	28.9	21.9	32.9
229	20.2	16.1	24.1



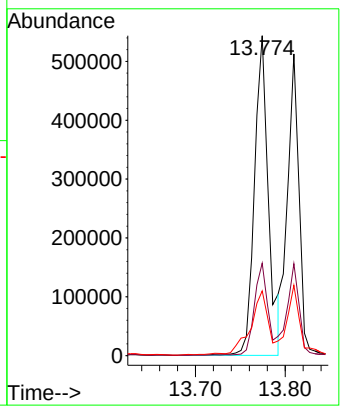


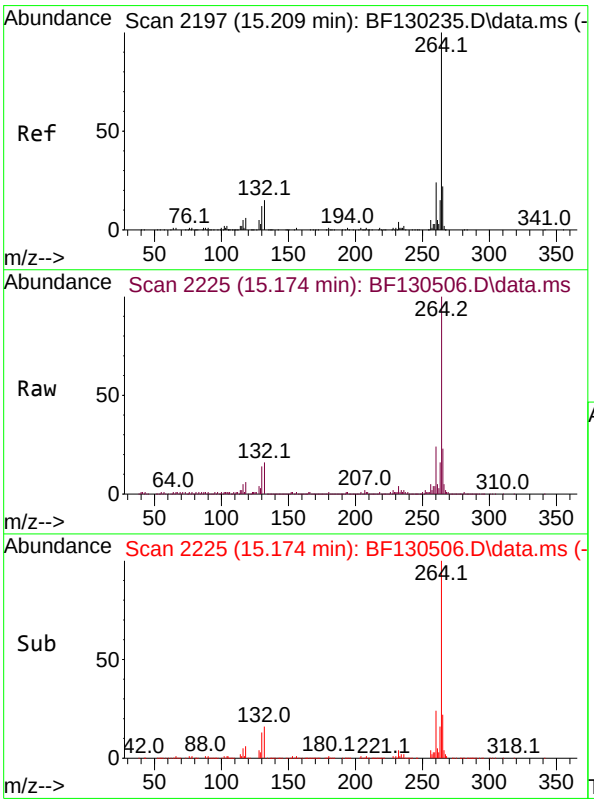
#83
Chrysene
Concen: 53.658 ng
RT: 13.774 min Scan# 19
Delta R.T. -0.041 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Tgt Ion:228 Resp: 587838

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.8	35.8
229	20.2	15.3	22.9

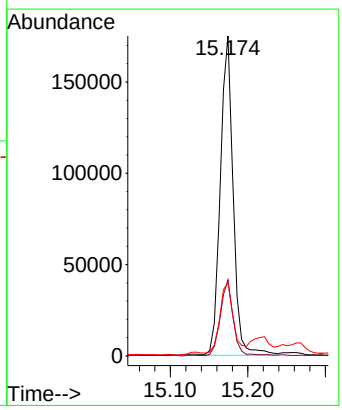


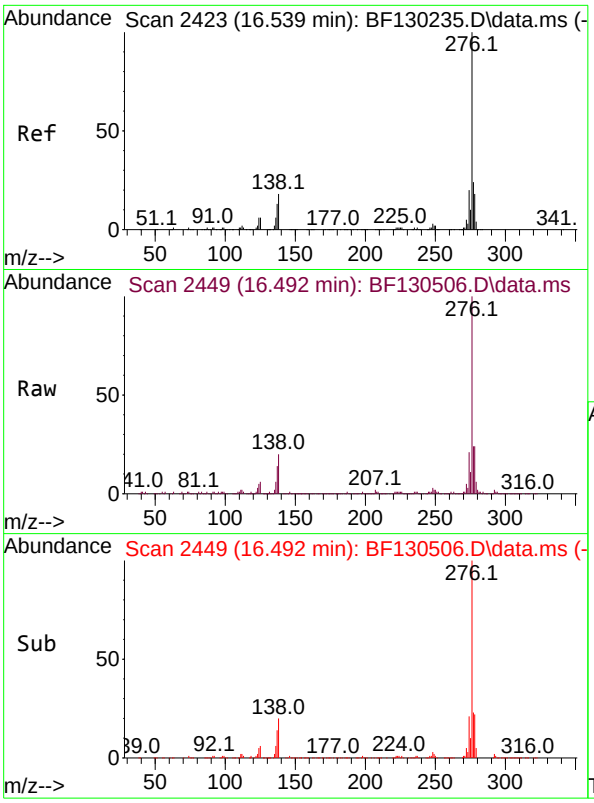


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.174 min Scan# 2225
Delta R.T. 0.000 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Tgt Ion:264 Resp: 202616

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	22.9	17.0	25.4



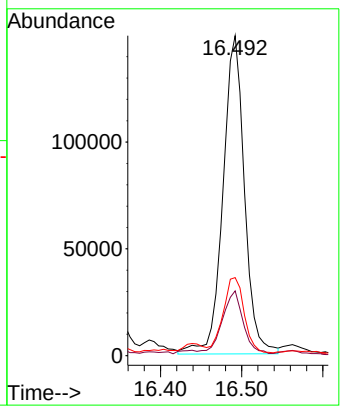


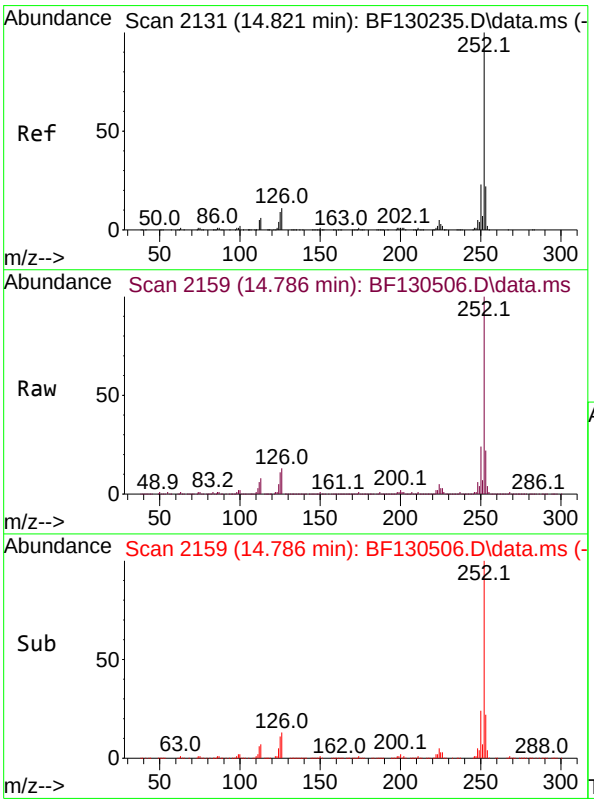
#87
Indeno(1,2,3-cd)pyrene
Concen: 19.146 ng
RT: 16.492 min Scan# 24
Delta R.T. -0.006 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Tgt Ion:276 Resp: 275089

Ion	Ratio	Lower	Upper
276	100		
138	18.9	18.5	27.7
277	23.6	20.2	30.4

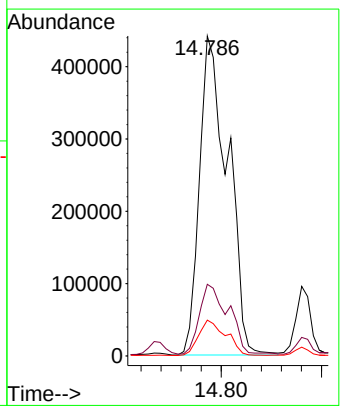


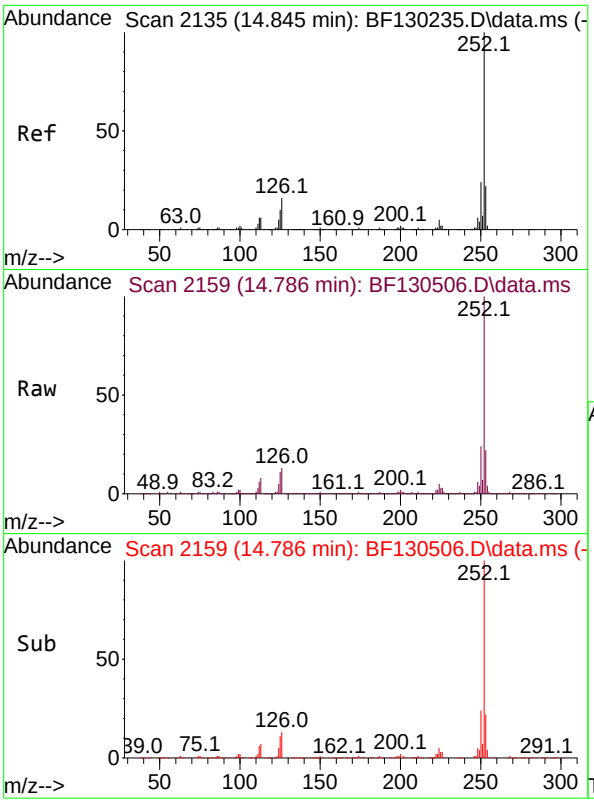


#88
Benzo(b)fluoranthene
Concen: 65.498 ng
RT: 14.786 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Tgt Ion:252 Resp: 866189

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	11.2	8.1	12.1



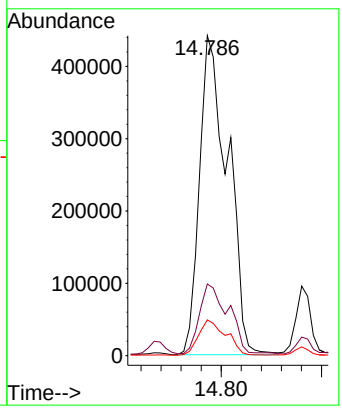


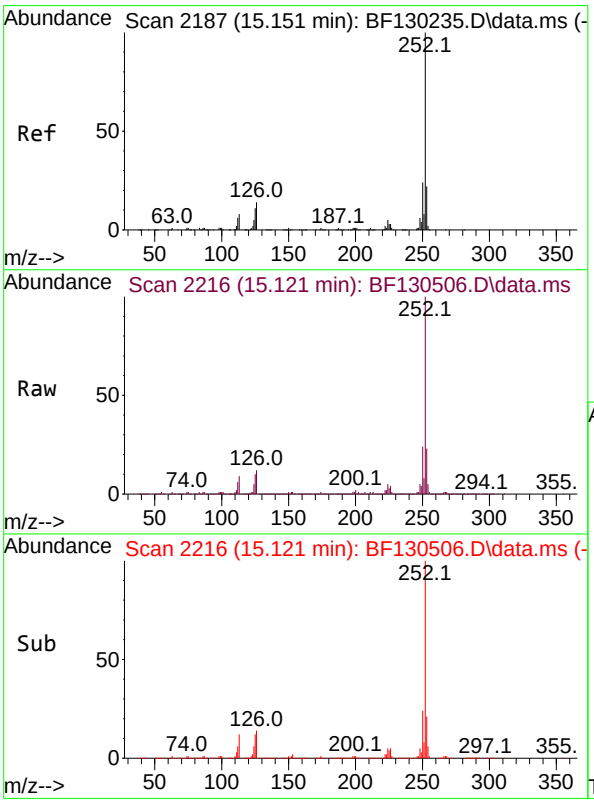
#89
Benzo(k)fluoranthene
Concen: 66.584 ng
RT: 14.786 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Tgt Ion:252 Resp: 866189

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	11.2	7.9	11.9

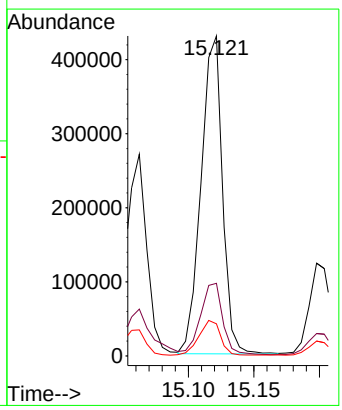


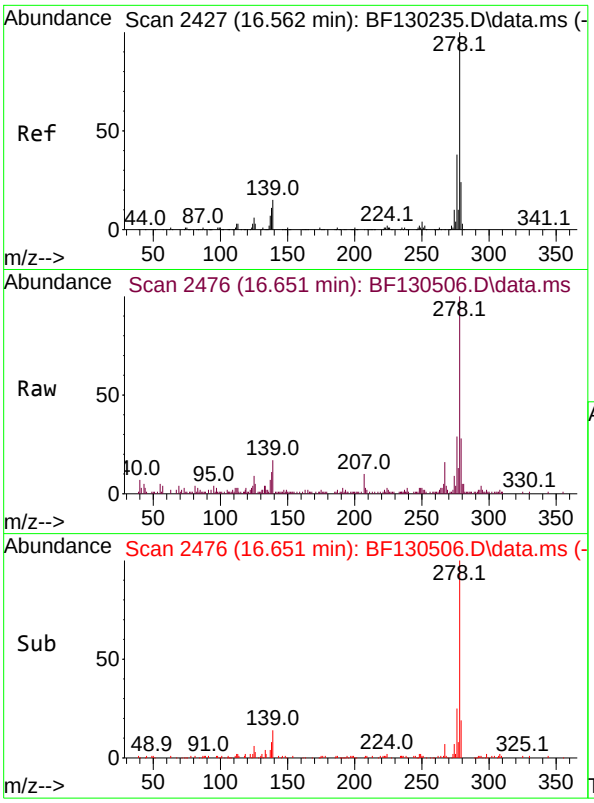


#90
Benzo(a)pyrene
Concen: 46.543 ng
RT: 15.121 min Scan# 2216
Delta R.T. 0.006 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Tgt Ion:252 Resp: 487630

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	10.0	9.0	13.6



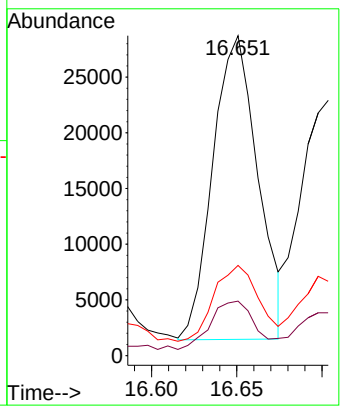


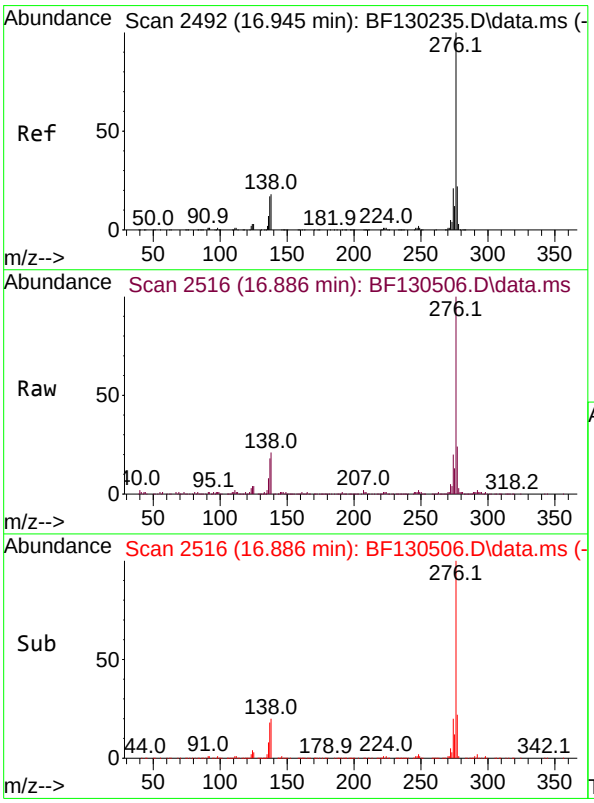
#91
Dibenzo(a,h)anthracene
Concen: 4.254 ng
RT: 16.651 min Scan# 24
Delta R.T. 0.141 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Instrument :
BNA_F
ClientSampleId :
VNJ-232

Tgt Ion:278 Resp: 50144

Ion	Ratio	Lower	Upper
278	100		
139	17.0	11.8	17.8
279	28.2	19.4	29.0





#92
Benzo(g,h,i)perylene
Concen: 19.221 ng
RT: 16.886 min Scan# 2516
Delta R.T. -0.006 min
Lab File: BF130506.D
Acq: 03 Oct 2022 19:01

Tgt Ion:276 Resp: 228223

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	27.8
138	20.5	14.6	21.8