Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
Data File : BF130460.D
Acq On : 28 Sep 2022 22:08
Operator : CG\JU
Sample : N4844-01DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-092622DL

Quant Time: Sep 29 02:18:58 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

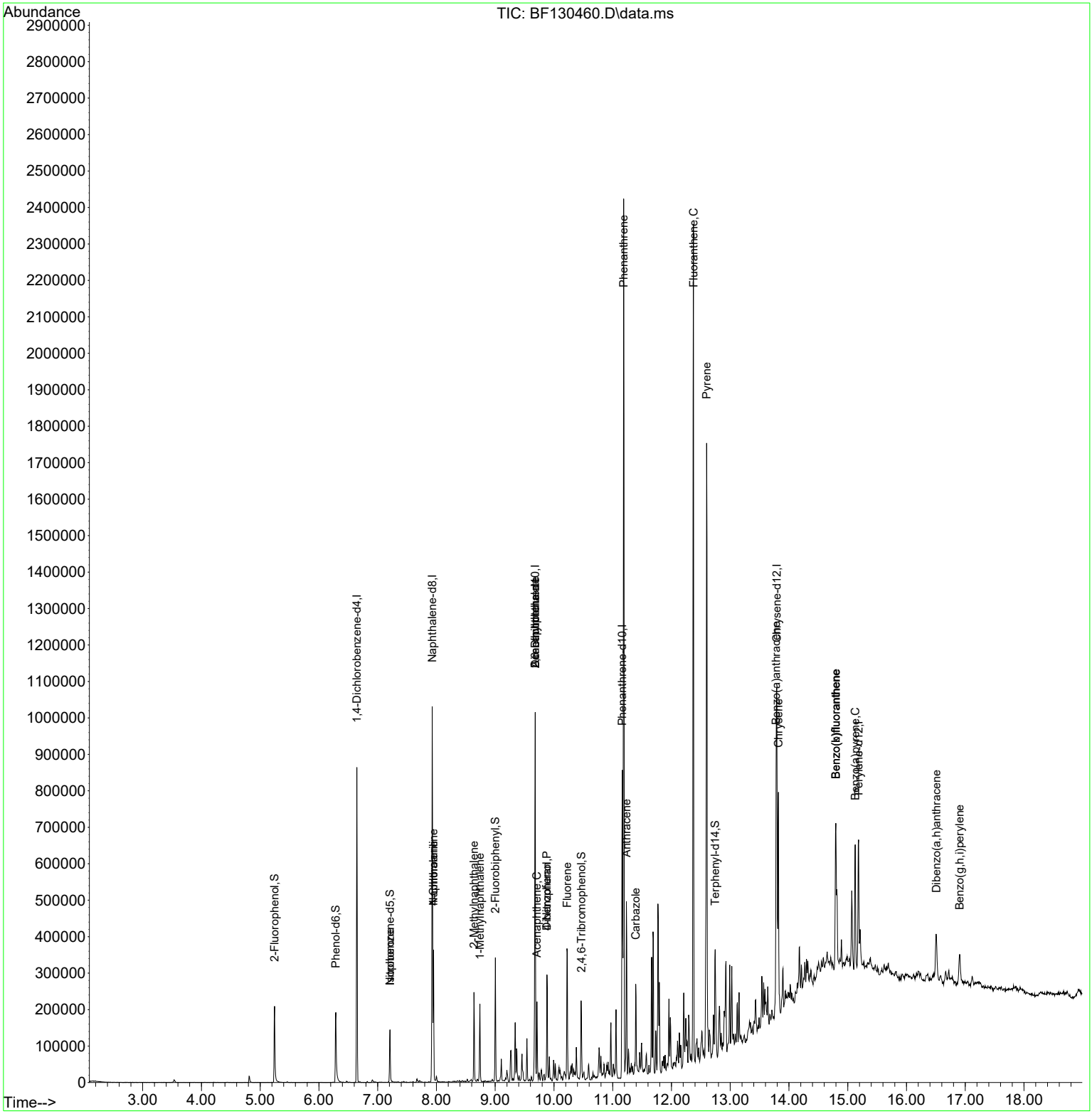
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.645	152	118434	20.000	ng		0.00
21) Naphthalene-d8	7.928	136	423229	20.000	ng		0.00
39) Acenaphthene-d10	9.681	164	192661	20.000	ng		0.00
64) Phenanthrene-d10	11.163	188	308485	20.000	ng		0.00
76) Chrysene-d12	13.792	240	202683	20.000	ng		0.00
86) Perylene-d12	15.186	264	150289	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.246	112	65437	9.583	ng		0.00
7) Phenol-d6	6.287	99	80714	9.447	ng		0.00
23) Nitrobenzene-d5	7.210	82	43939	5.304	ng		0.00
42) 2,4,6-Tribromophenol	10.469	330	15106	8.183	ng		0.00
45) 2-Fluorobiphenyl	9.004	172	90714	6.856	ng		0.00
79) Terphenyl-d14	12.745	244	86632	7.080	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.210	82	43945	3.291	ng	#	66
31) Naphthalene	7.951	128	140772	6.456	ng		98
33) 4-Chloroaniline	7.951	127	17653	2.129	ng	#	33
37) 2-Methylnaphthalene	8.639	142	60691	4.366	ng		100
38) 1-Methylnaphthalene	8.739	142	50586	3.788	ng		97
50) Dimethylphthalate	9.681	163	37384	2.809	ng	#	1
51) 2,6-Dinitrotoluene	9.681	165	27256	9.793	ng	#	16
52) Acenaphthene	9.710	154	37561	3.276	ng		99
55) Dibenzofuran	9.881	168	90741	5.689	ng		98
56) 4-Nitrophenol	9.881	139	37545	16.621	ng	#	1
58) Fluorene	10.228	166	97713	7.491	ng		98
71) Phenanthrene	11.186	178	878342	50.714	ng		100
72) Anthracene	11.233	178	171220	10.244	ng		99
73) Carbazole	11.392	167	92046	6.102	ng		99
75) Fluoranthene	12.374	202	832681	49.754	ng		97
78) Pyrene	12.598	202	704109	39.711	ng		99
81) Benzo(a)anthracene	13.780	228	264588	19.623	ng		98
83) Chrysene	13.821	228	232506	18.161	ng		97
88) Benzo(b)fluoranthene	14.798	252	282564	28.806	ng		99
89) Benzo(k)fluoranthene	14.798	252	282564	29.283	ng		99
90) Benzo(a)pyrene	15.127	252	149348	19.218	ng		97
91) Dibenzo(a,h)anthracene	16.509	278	22981	2.628	ng	#	85
92) Benzo(g,h,i)perylene	16.904	276	74383	8.446	ng		97

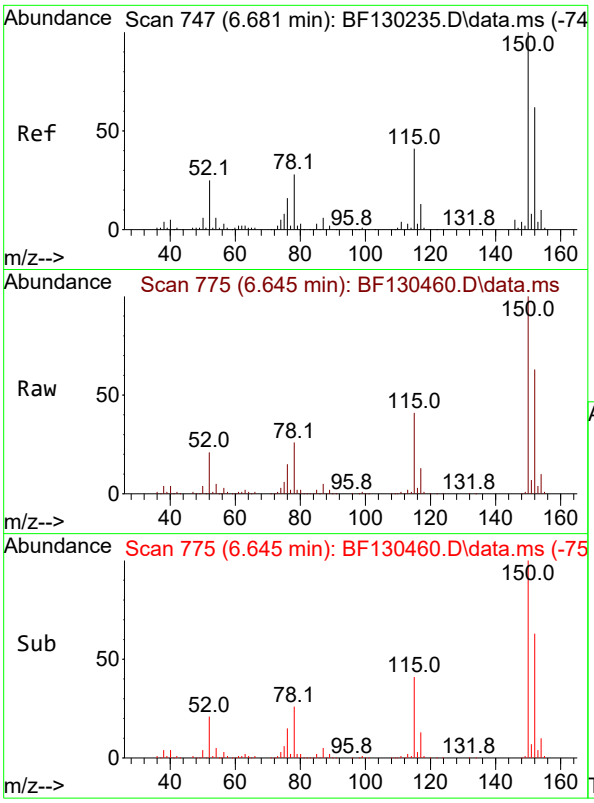
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
Data File : BF130460.D
Acq On : 28 Sep 2022 22:08
Operator : CG\JU
Sample : N4844-01DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-092622DL

Quant Time: Sep 29 02:18:58 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



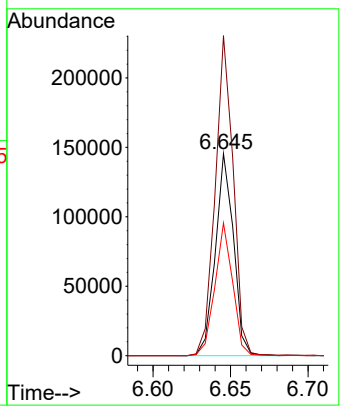


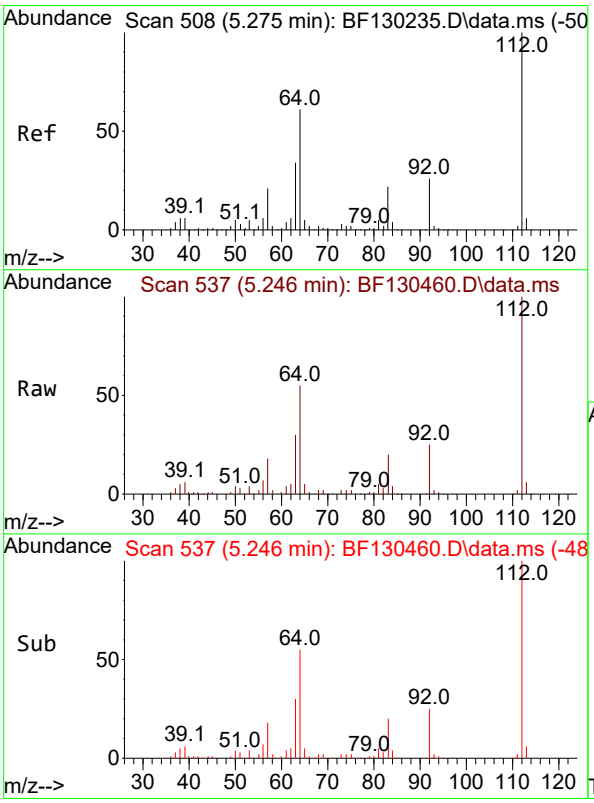
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.645 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF130460.D
Acq: 28 Sep 2022 22:08

Instrument :
BNA_F
ClientSampleId :
SU-04-092622DL

Tgt Ion:152 Resp: 118434

Ion	Ratio	Lower	Upper
152	100		
150	158.4	122.8	184.2
115	65.7	53.8	80.8

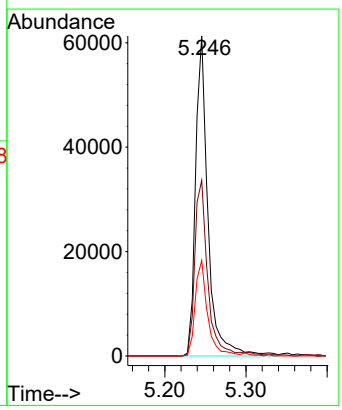


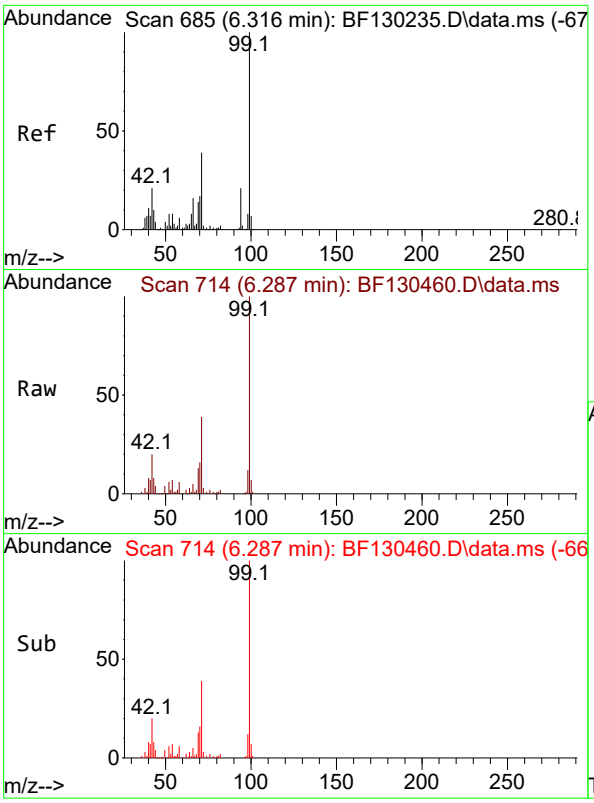


#5
2-Fluorophenol
Concen: 9.583 ng
RT: 5.246 min Scan# 537
Delta R.T. 0.000 min
Lab File: BF130460.D
Acq: 28 Sep 2022 22:08

Tgt Ion:112 Resp: 65437

Ion	Ratio	Lower	Upper
112	100		
64	54.9	51.4	77.0
63	29.9	28.8	43.2



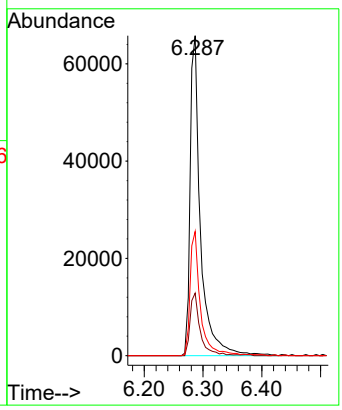


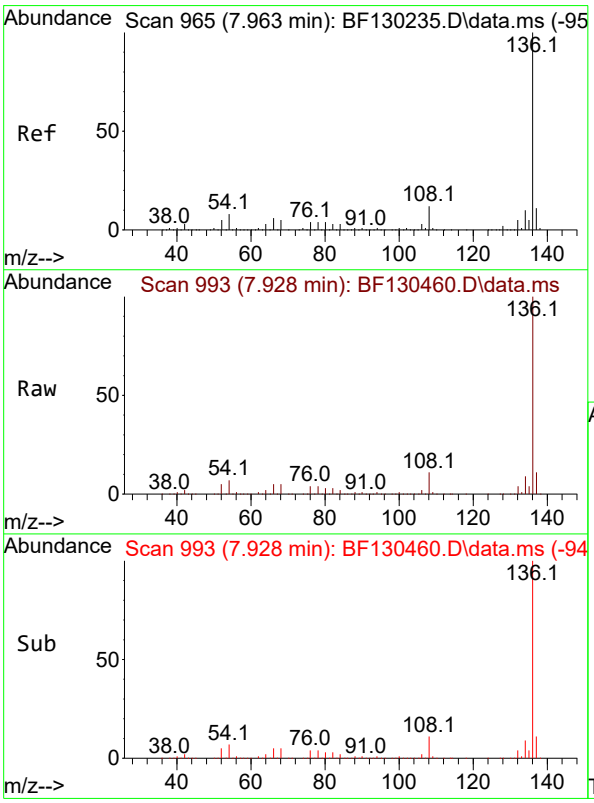
#7
Phenol-d6
Concen: 9.447 ng
RT: 6.287 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF130460.D
Acq: 28 Sep 2022 22:08

Instrument :
BNA_F
ClientSampleId :
SU-04-092622DL

Tgt Ion: 99 Resp: 80714

Ion	Ratio	Lower	Upper
99	100		
42	19.6	17.0	25.6
71	38.8	32.3	48.5

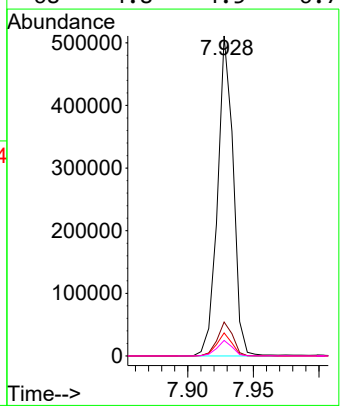


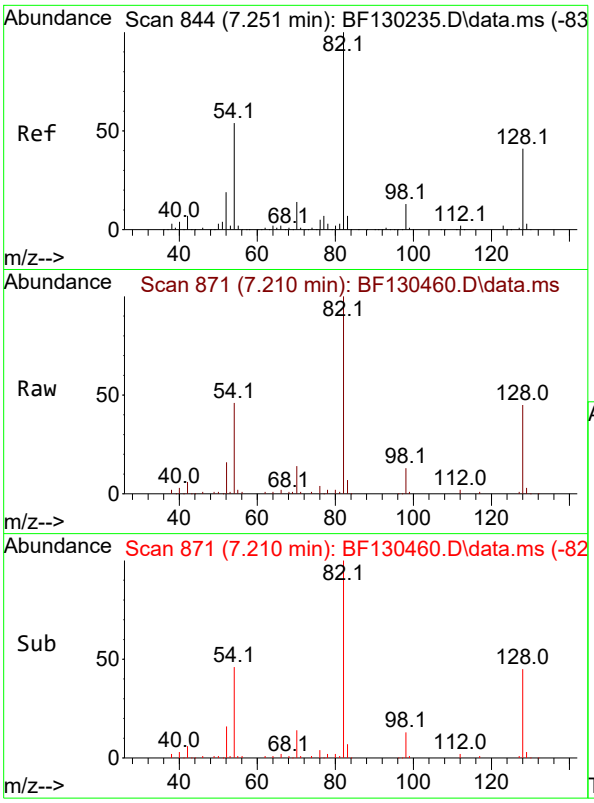


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.928 min Scan# 993
Delta R.T. 0.000 min
Lab File: BF130460.D
Acq: 28 Sep 2022 22:08

Tgt Ion:136 Resp: 423229

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	7.2	7.1	10.7
68	4.8	4.5	6.7



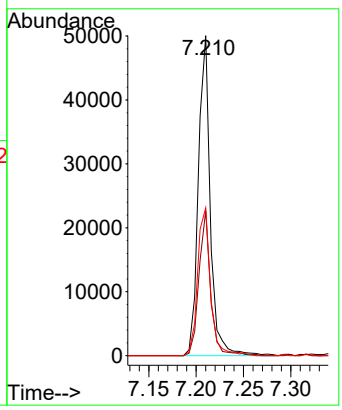


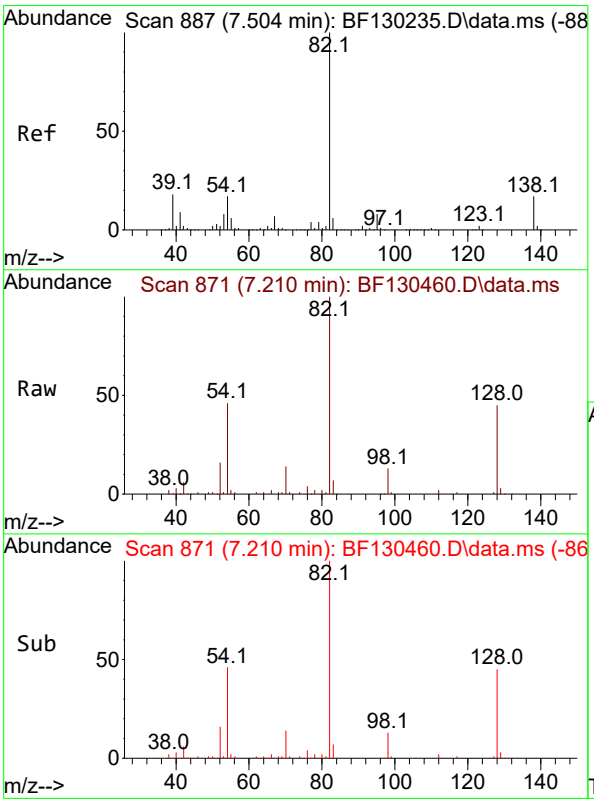
#23
Nitrobenzene-d5
Concen: 5.304 ng
RT: 7.210 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF130460.D
Acq: 28 Sep 2022 22:08

Instrument :
BNA_F
ClientSampleId :
SU-04-092622DL

Tgt Ion: 82 Resp: 43939

Ion	Ratio	Lower	Upper
82	100		
128	45.3	32.6	49.0
54	46.2	43.8	65.6

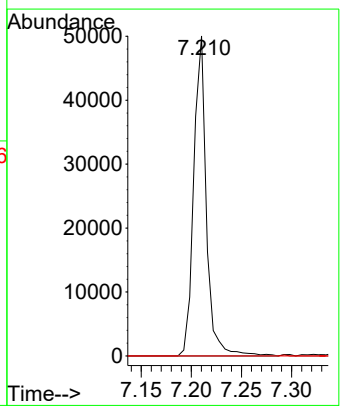


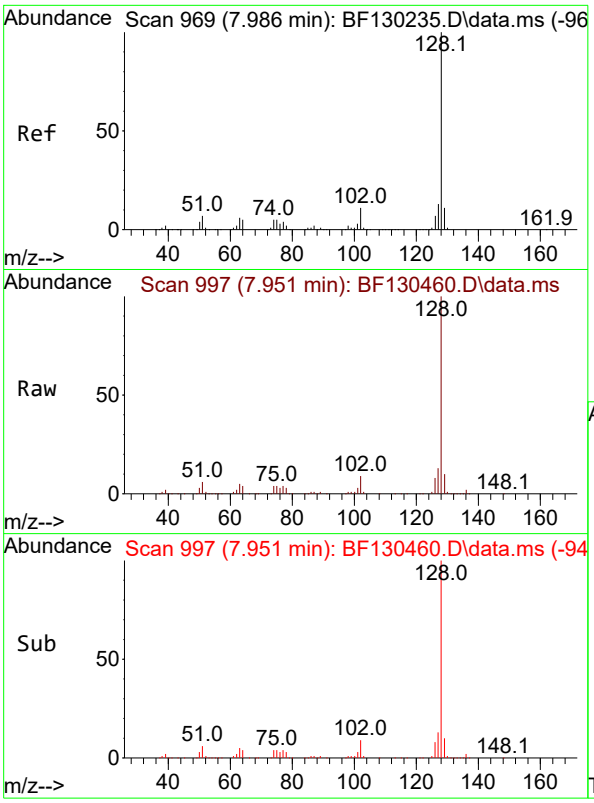


#25
Isophorone
Concen: 3.291 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.265 min
Lab File: BF130460.D
Acq: 28 Sep 2022 22:08

Tgt Ion: 82 Resp: 43945

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



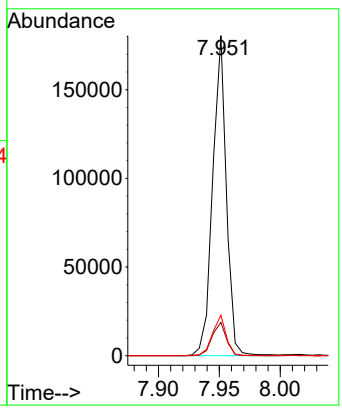


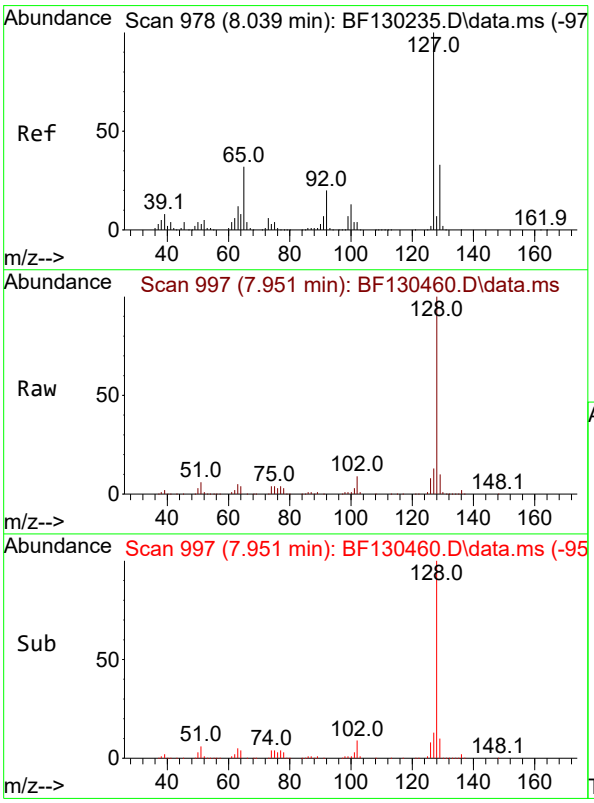
#31
Naphthalene
Concen: 6.456 ng
RT: 7.951 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF130460.D
Acq: 28 Sep 2022 22:08

Instrument :
BNA_F
ClientSampleId :
SU-04-092622DL

Tgt Ion:128 Resp: 140772

Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.1	13.7
127	12.7	10.6	16.0

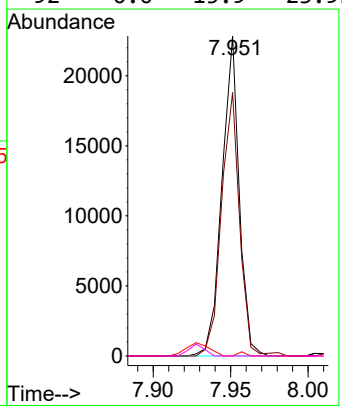


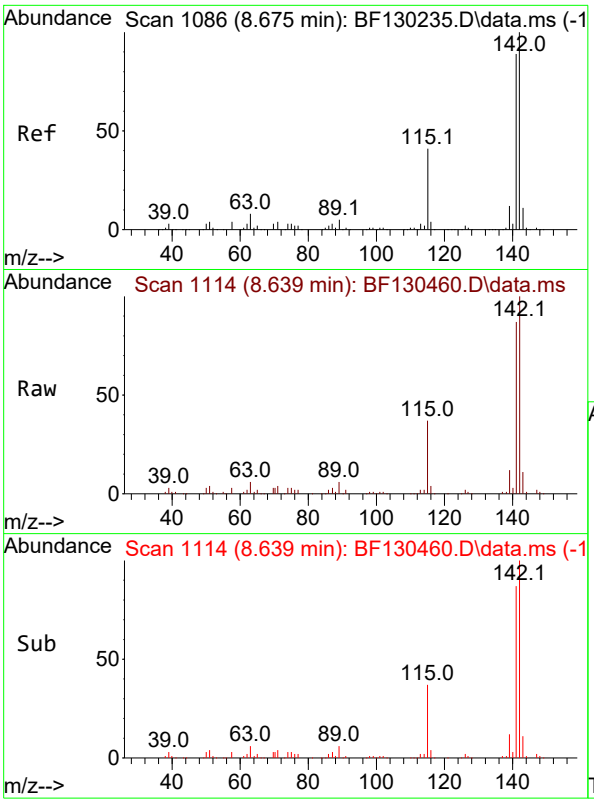


#33
4-Chloroaniline
Concen: 2.129 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.053 min
Lab File: BF130460.D
Acq: 28 Sep 2022 22:08

Tgt Ion:127 Resp: 17653

Ion	Ratio	Lower	Upper
127	100		
129	82.3	25.6	38.4#
65	0.0	27.0	40.6#
92	0.0	15.9	23.9#



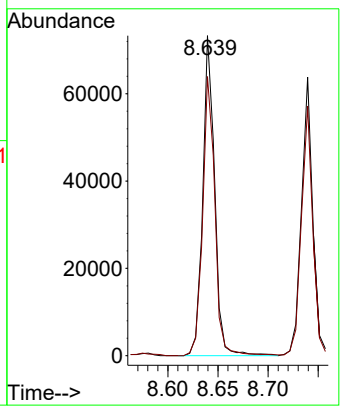


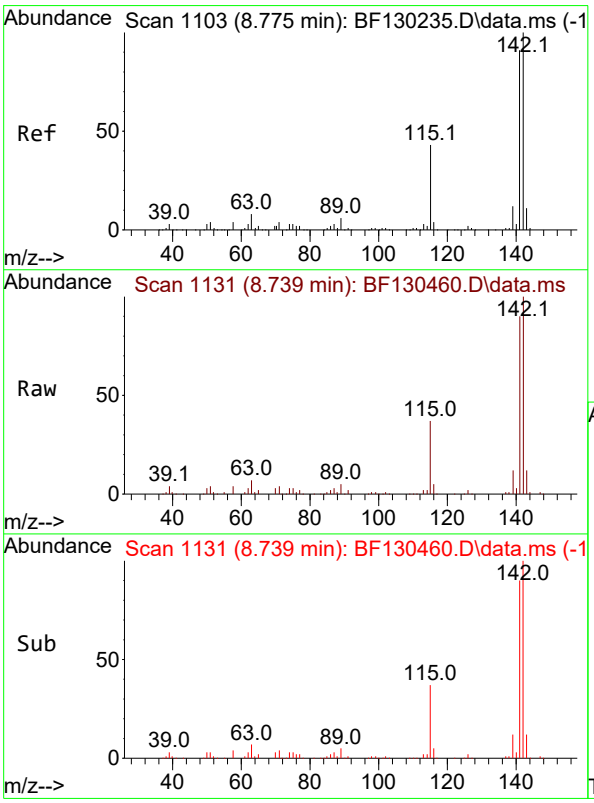
#37
2-Methylnaphthalene
Concen: 4.366 ng
RT: 8.639 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130460.D
Acq: 28 Sep 2022 22:08

Instrument :
BNA_F
ClientSampleId :
SU-04-092622DL

Tgt Ion:142 Resp: 60691

Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.0	105.0

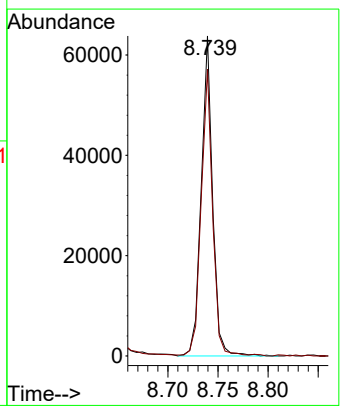


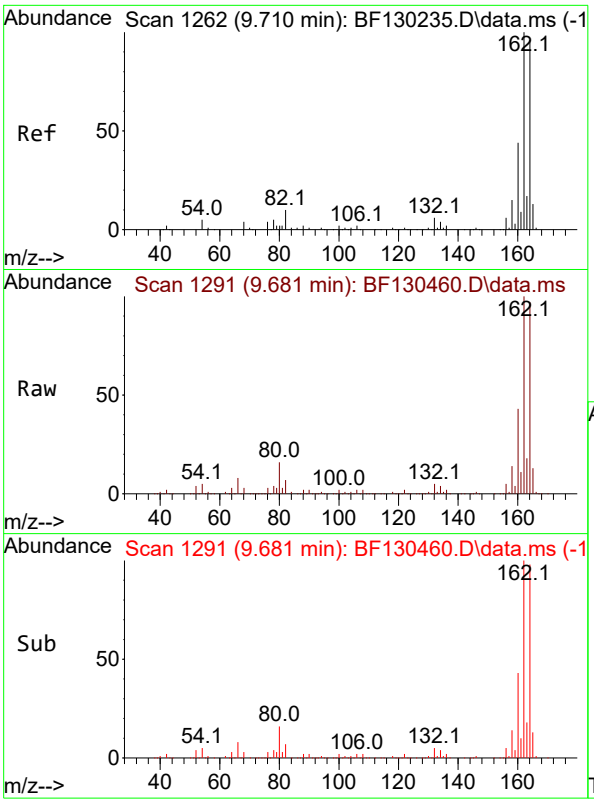


#38
1-Methylnaphthalene
Concen: 3.788 ng
RT: 8.739 min Scan# 1131
Delta R.T. 0.000 min
Lab File: BF130460.D
Acq: 28 Sep 2022 22:08

Tgt Ion:142 Resp: 50586

Ion	Ratio	Lower	Upper
142	100		
141	89.6	73.8	110.8



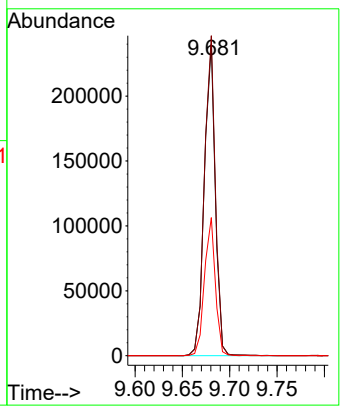


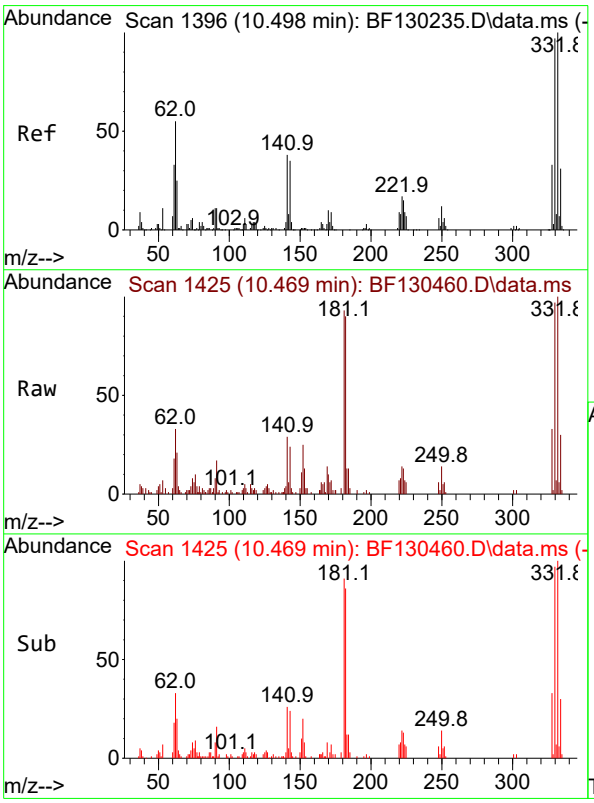
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.681 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF130460.D
Acq: 28 Sep 2022 22:08

Instrument :
BNA_F
ClientSampleId :
SU-04-092622DL

Tgt Ion:164 Resp: 192661

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.4	122.0
160	44.3	36.2	54.4

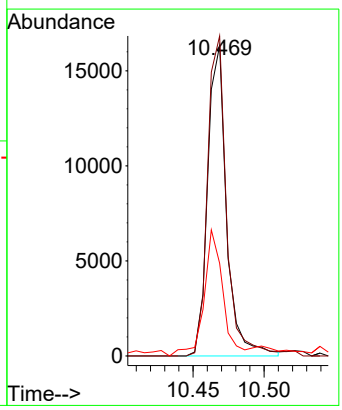


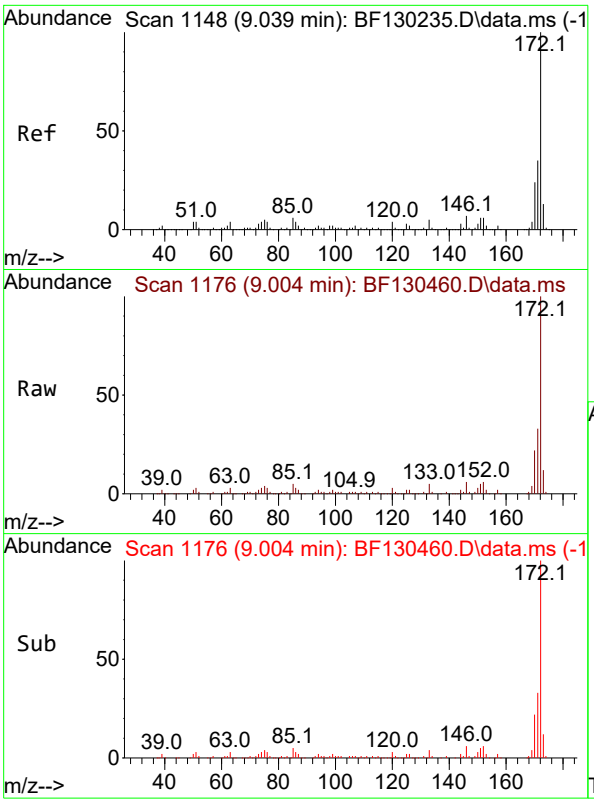


#42
2,4,6-Tribromophenol
Concen: 8.183 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF130460.D
Acq: 28 Sep 2022 22:08

Tgt Ion:330 Resp: 15106

Ion	Ratio	Lower	Upper
330	100		
332	104.2	83.4	125.2
141	40.1	34.0	51.0



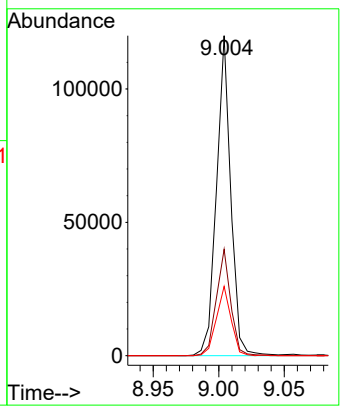


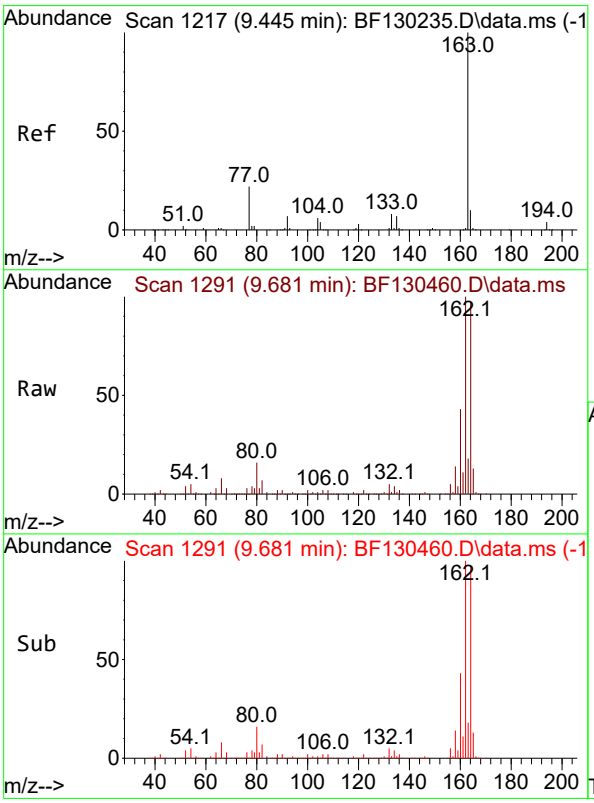
#45
2-Fluorobiphenyl
Concen: 6.856 ng
RT: 9.004 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130460.D
Acq: 28 Sep 2022 22:08

Instrument :
BNA_F
ClientSampleId :
SU-04-092622DL

Tgt Ion:172 Resp: 90714

Ion	Ratio	Lower	Upper
172	100		
171	33.2	28.3	42.5
170	21.7	18.7	28.1

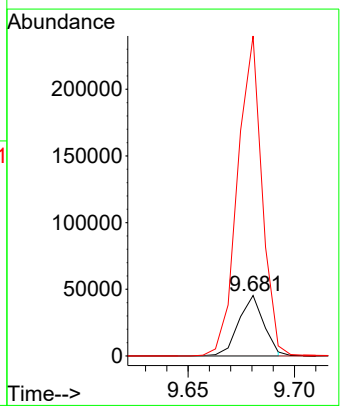


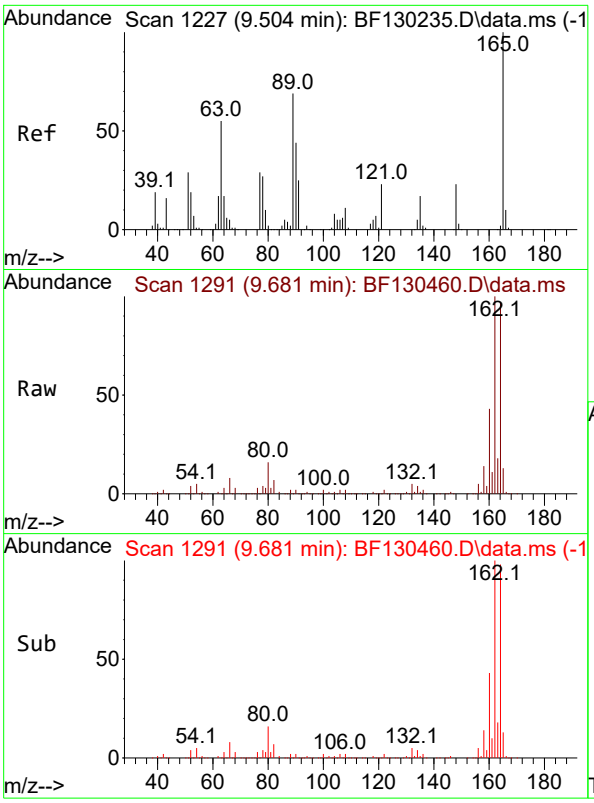


#50
Dimethylphthalate
Concen: 2.809 ng
RT: 9.681 min Scan# 1291
Delta R.T. 0.265 min
Lab File: BF130460.D
Acq: 28 Sep 2022 22:08

Tgt Ion:163 Resp: 37384

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.8	4.2#
164	528.4	8.2	12.2#



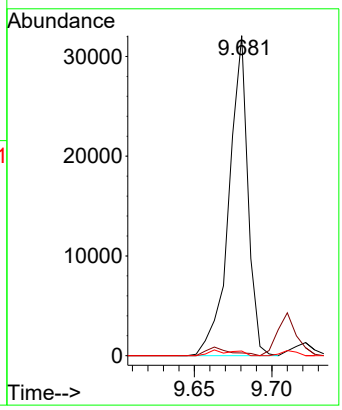


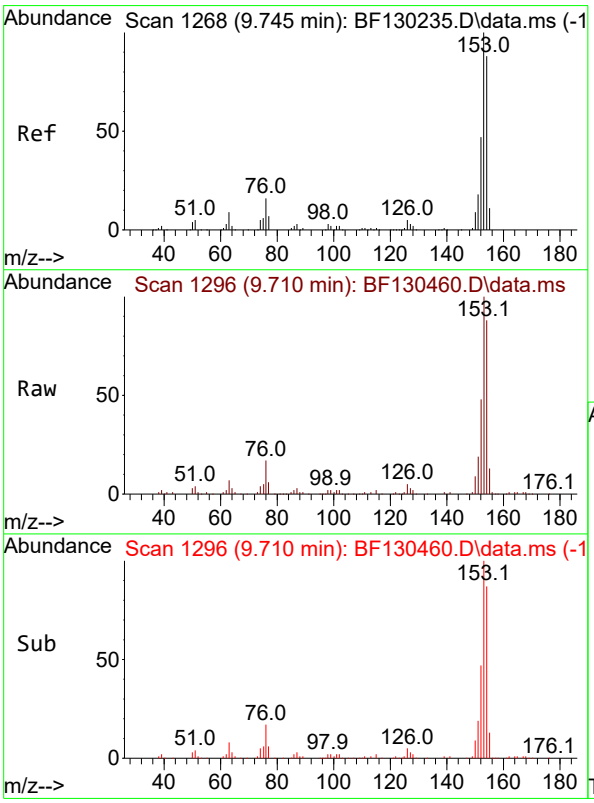
#51
2,6-Dinitrotoluene
Concen: 9.793 ng
RT: 9.681 min Scan# 1
Delta R.T. 0.206 min
Lab File: BF130460.D
Acq: 28 Sep 2022 22:08

Instrument :
BNA_F
ClientSampleId :
SU-04-092622DL

Tgt Ion:165 Resp: 27256

Ion	Ratio	Lower	Upper
165	100		
63	0.9	58.8	88.2#
89	1.5	54.5	81.7#

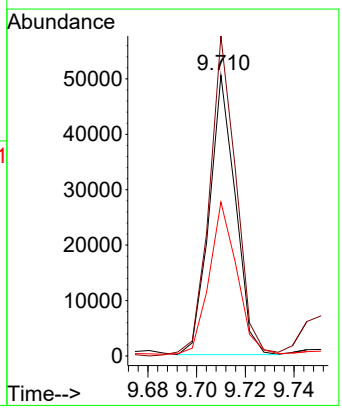


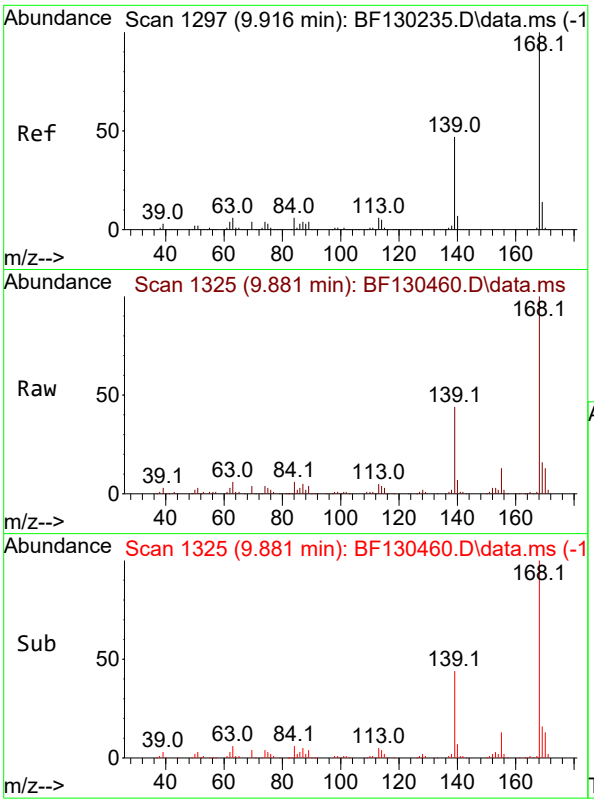


#52
Acenaphthene
Concen: 3.276 ng
RT: 9.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF130460.D
Acq: 28 Sep 2022 22:08

Tgt Ion:154 Resp: 37561

Ion	Ratio	Lower	Upper
154	100		
153	114.0	90.6	136.0
152	54.9	43.8	65.6



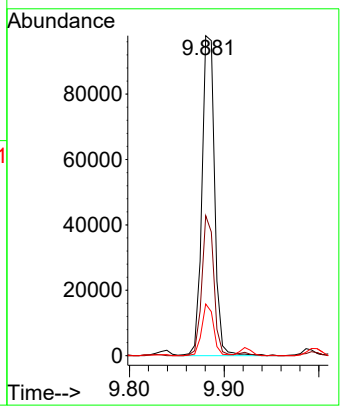


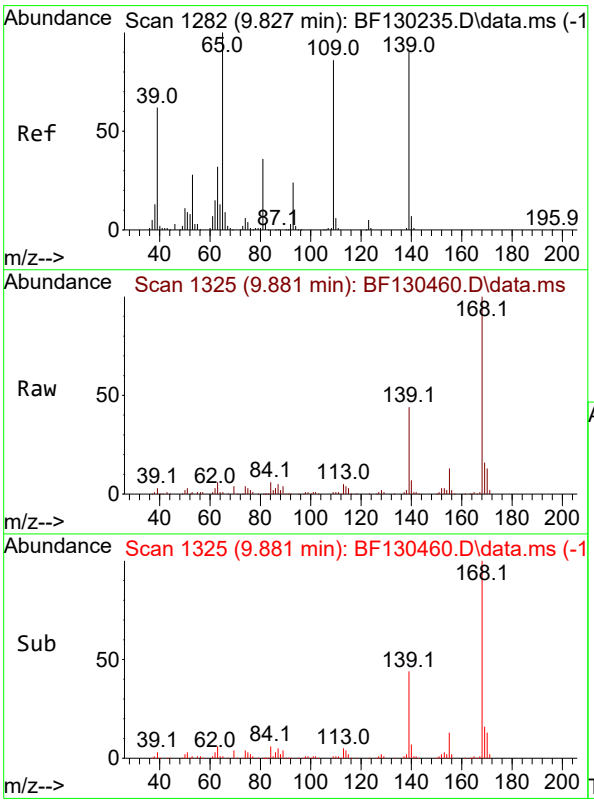
#55
Dibenzofuran
Concen: 5.689 ng
RT: 9.881 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130460.D
Acq: 28 Sep 2022 22:08

Instrument :
BNA_F
ClientSampleId :
SU-04-092622DL

Tgt Ion:168 Resp: 90741

Ion	Ratio	Lower	Upper
168	100		
139	43.7	35.0	52.4
169	16.1	10.9	16.3

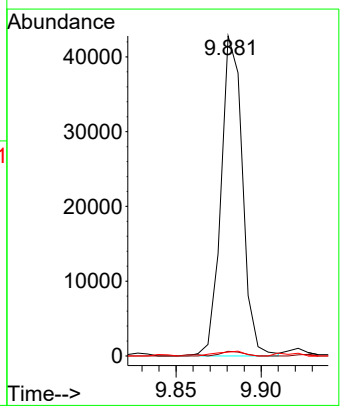


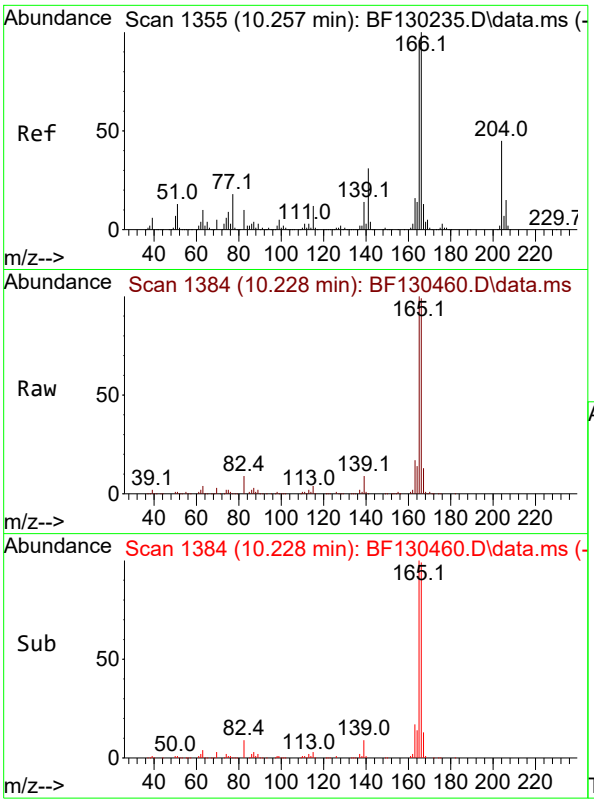


#56
4-Nitrophenol
Concen: 16.621 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.071 min
Lab File: BF130460.D
Acq: 28 Sep 2022 22:08

Tgt Ion:139 Resp: 37545

Ion	Ratio	Lower	Upper
139	100		
109	1.5	72.2	112.2#
65	1.2	97.7	137.7#



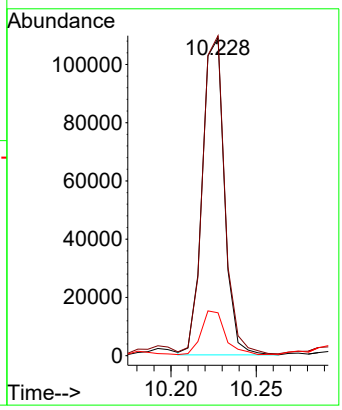


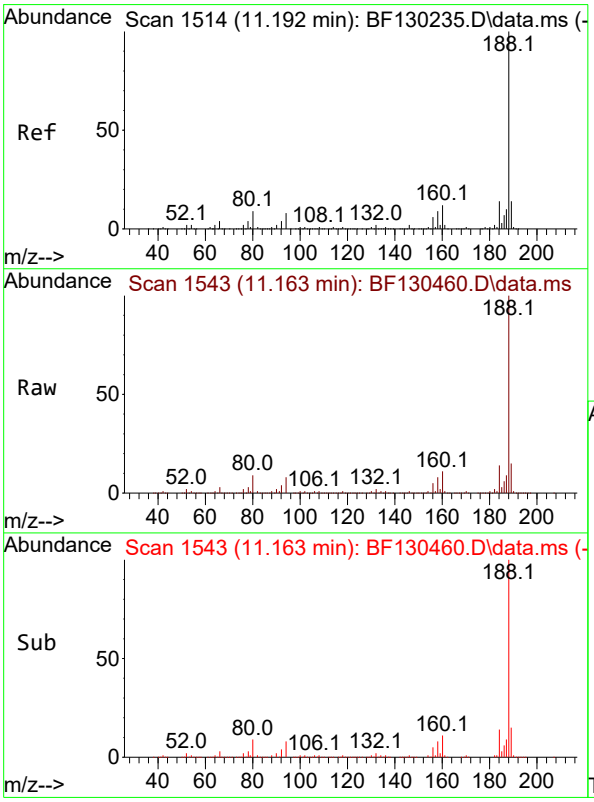
#58
Fluorene
Concen: 7.491 ng
RT: 10.228 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF130460.D
Acq: 28 Sep 2022 22:08

Instrument :
BNA_F
ClientSampleId :
SU-04-092622DL

Tgt Ion:166 Resp: 97713

Ion	Ratio	Lower	Upper
166	100		
165	100.7	78.8	118.2
167	13.5	10.6	15.8

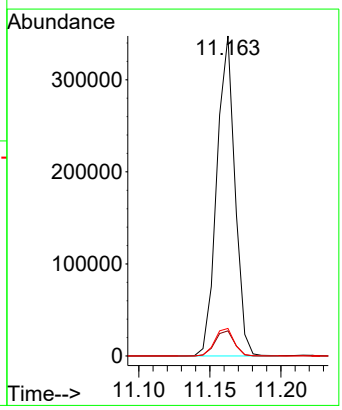


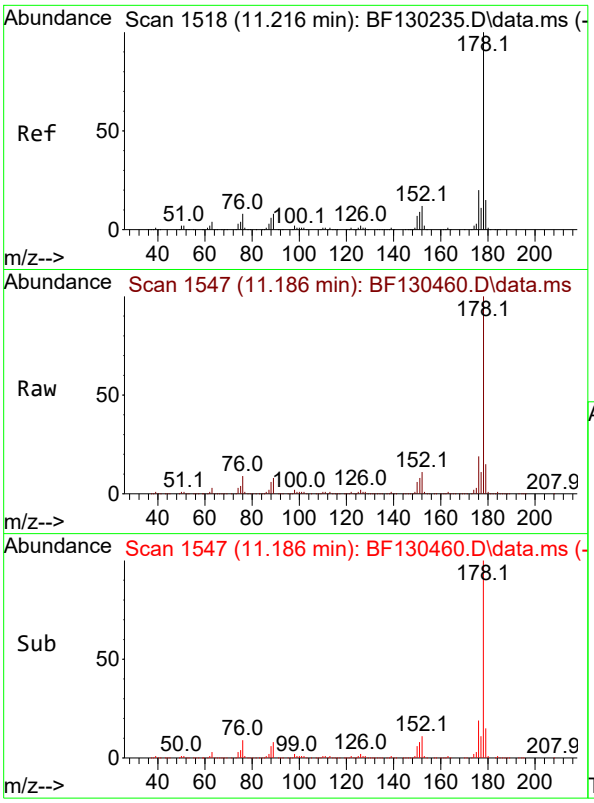


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.163 min Scan# 1543
Delta R.T. 0.006 min
Lab File: BF130460.D
Acq: 28 Sep 2022 22:08

Tgt Ion:188 Resp: 308485

Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.4	11.2
80	8.6	7.9	11.9



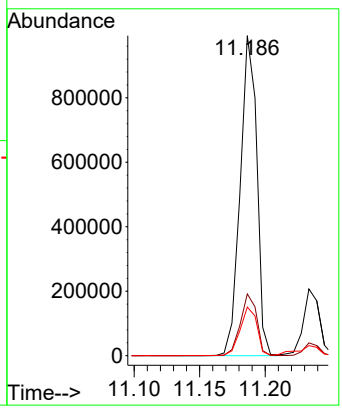


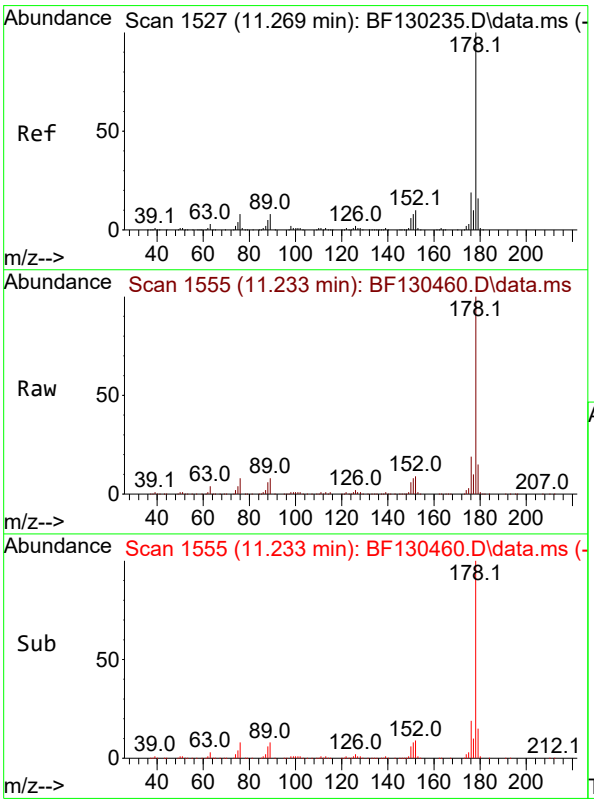
#71
Phenanthrene
Concen: 50.714 ng
RT: 11.186 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF130460.D
Acq: 28 Sep 2022 22:08

Instrument :
BNA_F
ClientSampleId :
SU-04-092622DL

Tgt Ion:178 Resp: 878342

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.2	12.4	18.6

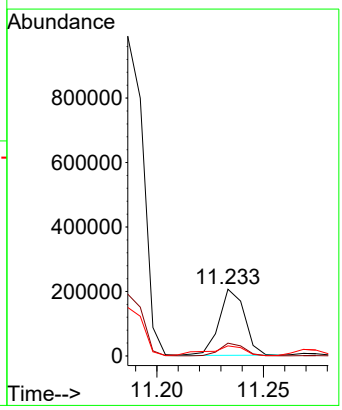


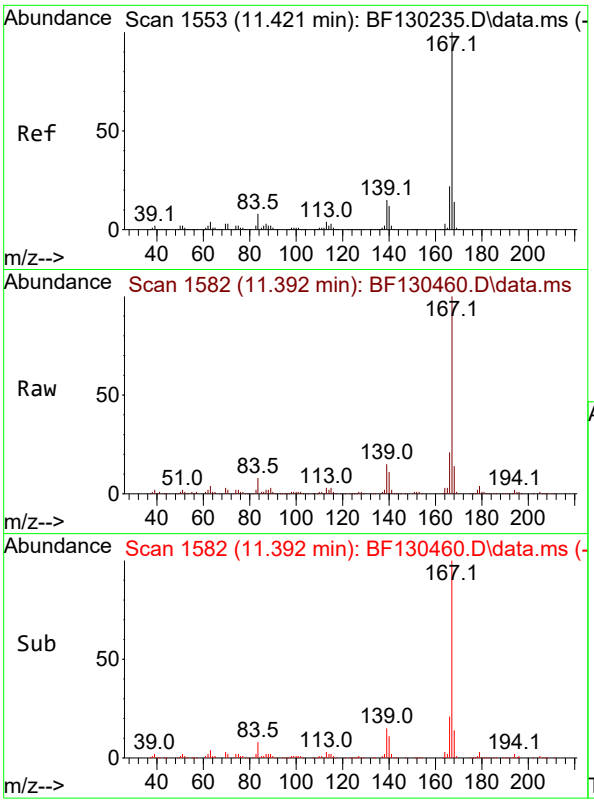


#72
Anthracene
Concen: 10.244 ng
RT: 11.233 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF130460.D
Acq: 28 Sep 2022 22:08

Tgt Ion:178 Resp: 171220

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.0	22.6
179	15.1	12.7	19.1



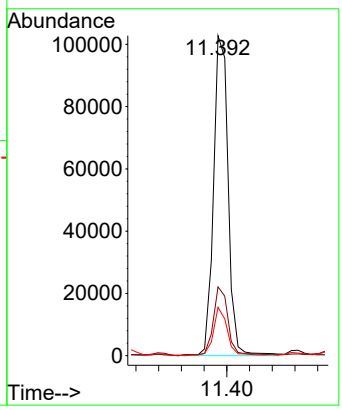


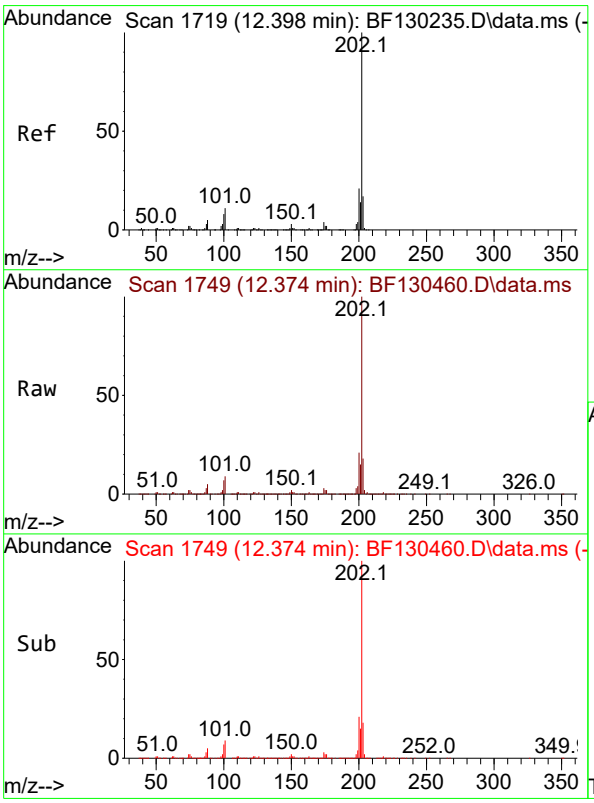
#73
Carbazole
Concen: 6.102 ng
RT: 11.392 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF130460.D
Acq: 28 Sep 2022 22:08

Instrument :
BNA_F
ClientSampleId :
SU-04-092622DL

Tgt Ion:167 Resp: 92046

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.2
139	15.1	11.6	17.4

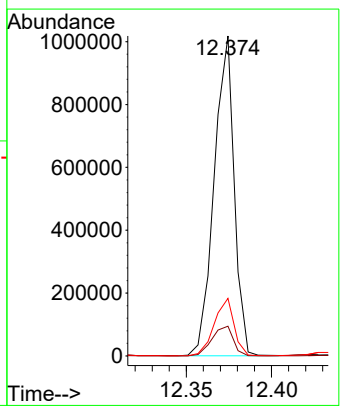


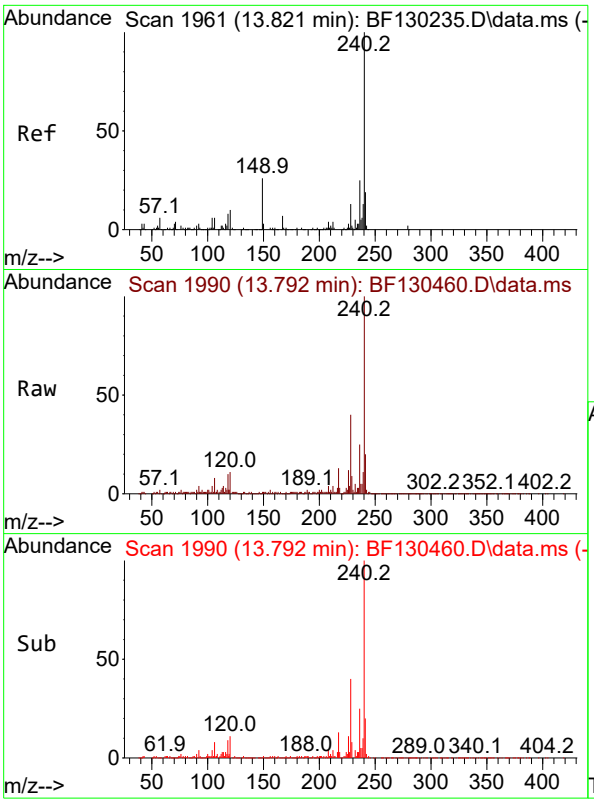


#75
Fluoranthene
Concen: 49.754 ng
RT: 12.374 min Scan# 1749
Delta R.T. 0.006 min
Lab File: BF130460.D
Acq: 28 Sep 2022 22:08

Tgt Ion:202 Resp: 832681

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	31.8
203	18.0	0.0	37.8



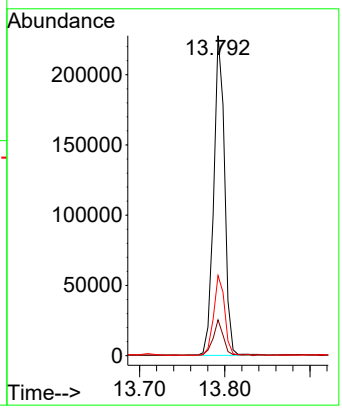


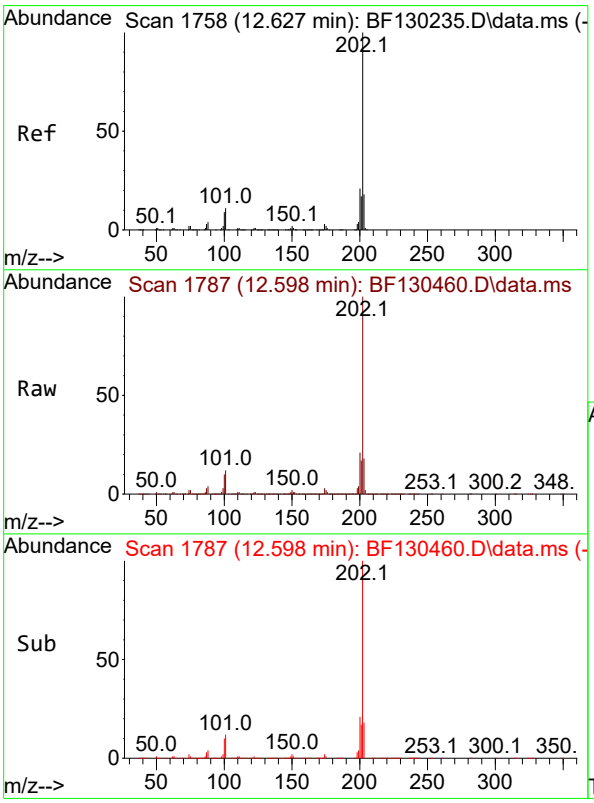
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.792 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF130460.D
Acq: 28 Sep 2022 22:08

Instrument :
BNA_F
ClientSampleId :
SU-04-092622DL

Tgt Ion:240 Resp: 202683

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.7	13.1
236	25.0	20.9	31.3

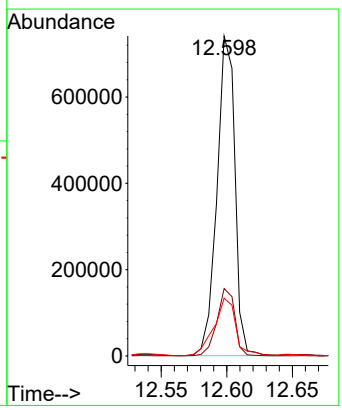


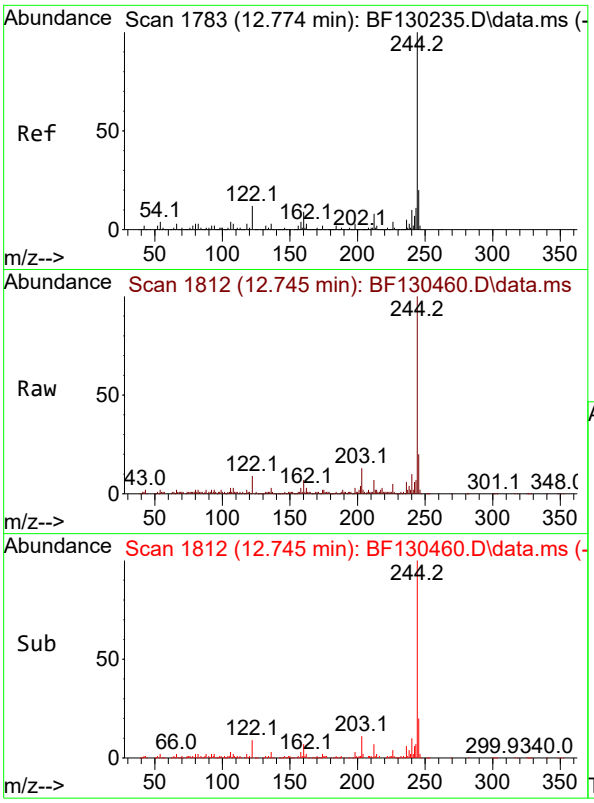


#78
Pyrene
Concen: 39.711 ng
RT: 12.598 min Scan# 1787
Delta R.T. 0.006 min
Lab File: BF130460.D
Acq: 28 Sep 2022 22:08

Tgt Ion:202 Resp: 704109

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.2	25.8
203	18.1	14.3	21.5



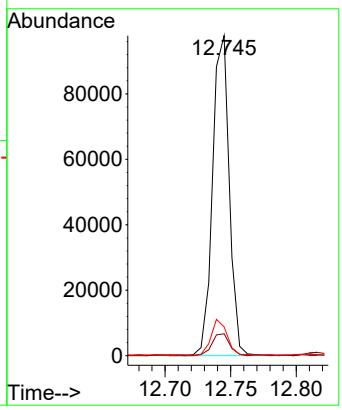


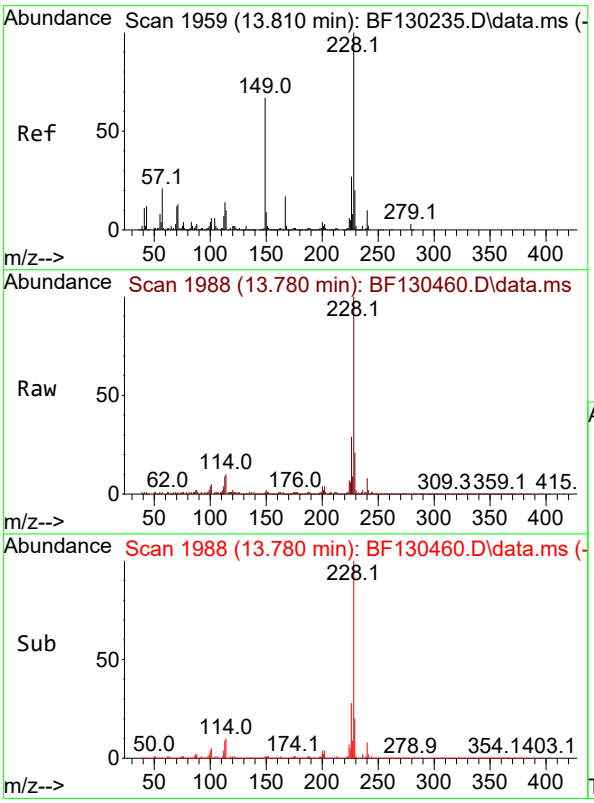
#79
Terphenyl-d14
Concen: 7.080 ng
RT: 12.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF130460.D
Acq: 28 Sep 2022 22:08

Instrument :
BNA_F
ClientSampleId :
SU-04-092622DL

Tgt Ion:244 Resp: 86632

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	9.0	8.5	12.7

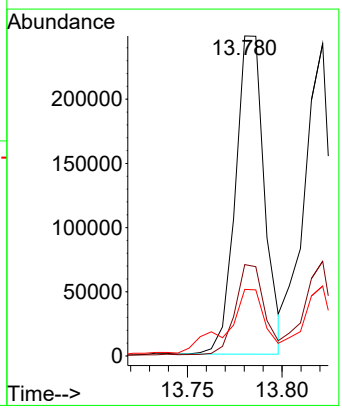


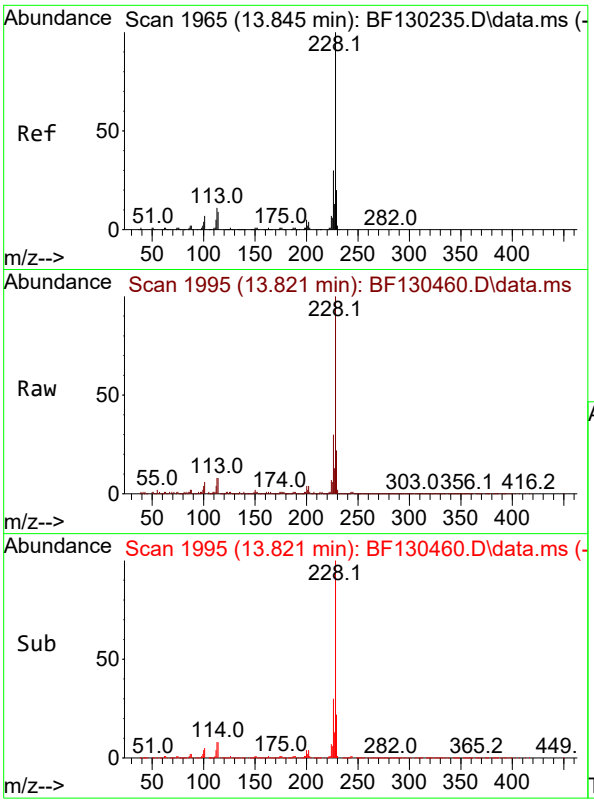


#81
Benzo(a)anthracene
Concen: 19.623 ng
RT: 13.780 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BF130460.D
Acq: 28 Sep 2022 22:08

Tgt Ion:228 Resp: 264588

Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.9	32.9
229	20.8	16.1	24.1



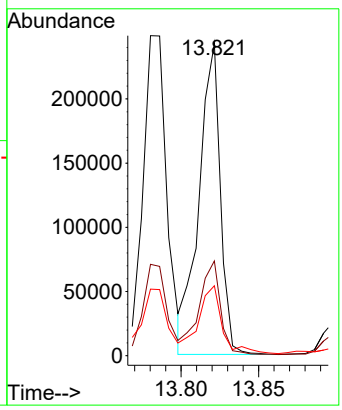


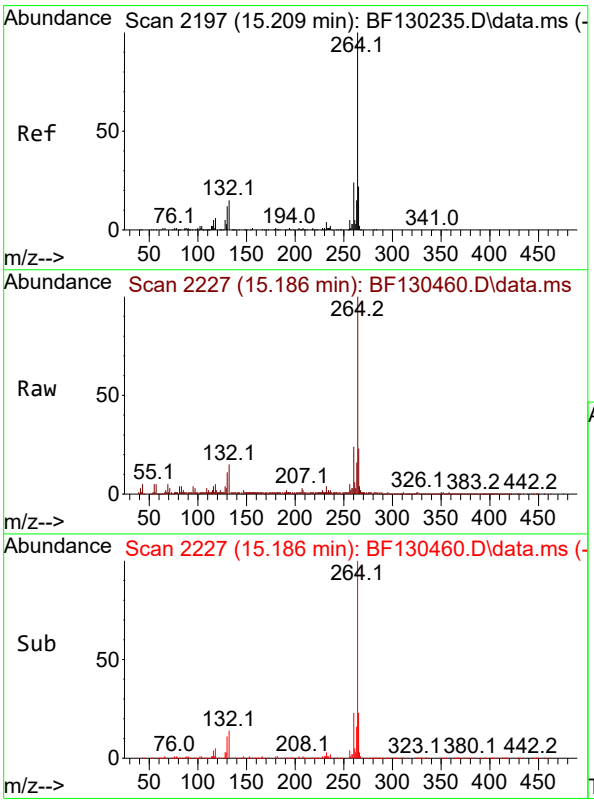
#83
Chrysene
Concen: 18.161 ng
RT: 13.821 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF130460.D
Acq: 28 Sep 2022 22:08

Instrument :
BNA_F
ClientSampleId :
SU-04-092622DL

Tgt Ion:228 Resp: 232506

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.8	35.8
229	22.4	15.3	22.9

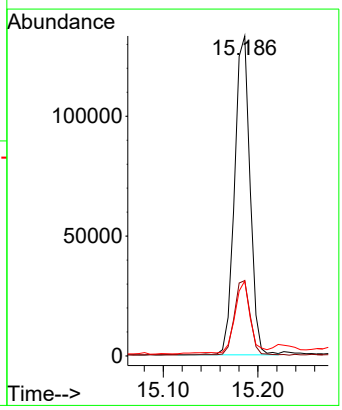


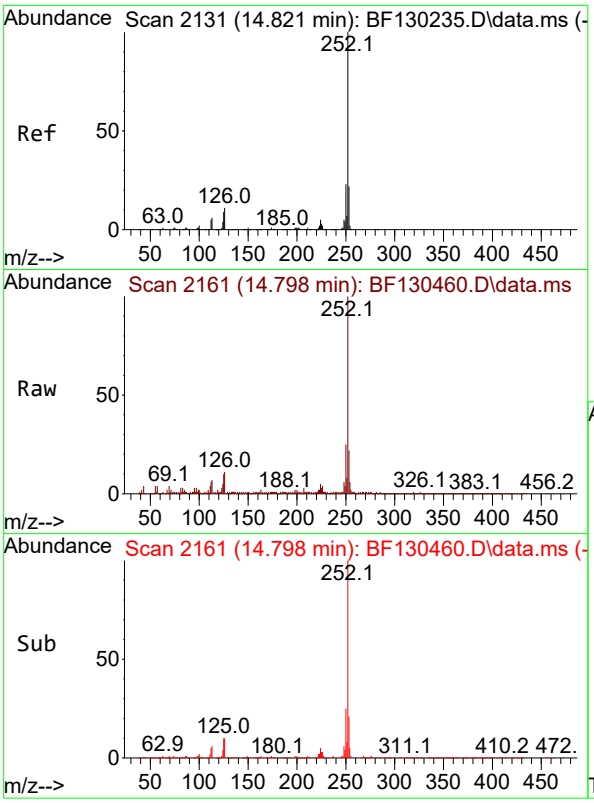


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.186 min Scan# 2227
Delta R.T. 0.012 min
Lab File: BF130460.D
Acq: 28 Sep 2022 22:08

Tgt Ion:264 Resp: 150289

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.3	28.9
265	23.5	17.0	25.4



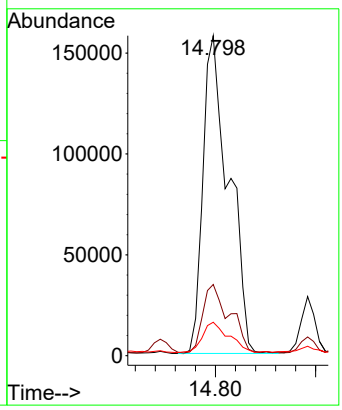


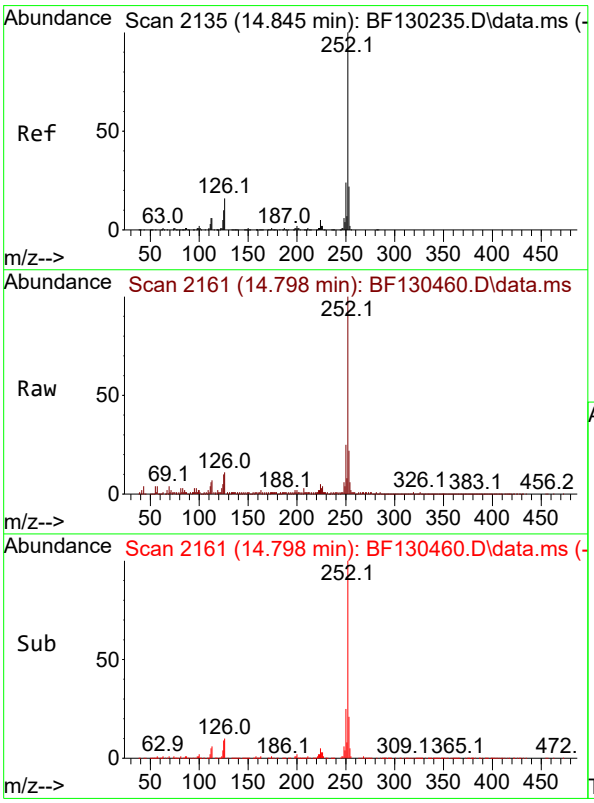
#88
Benzo(b)fluoranthene
Concen: 28.806 ng
RT: 14.798 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF130460.D
Acq: 28 Sep 2022 22:08

Instrument :
BNA_F
ClientSampleId :
SU-04-092622DL

Tgt Ion:252 Resp: 282564

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	10.5	8.1	12.1

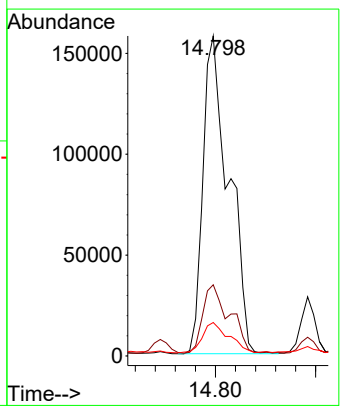


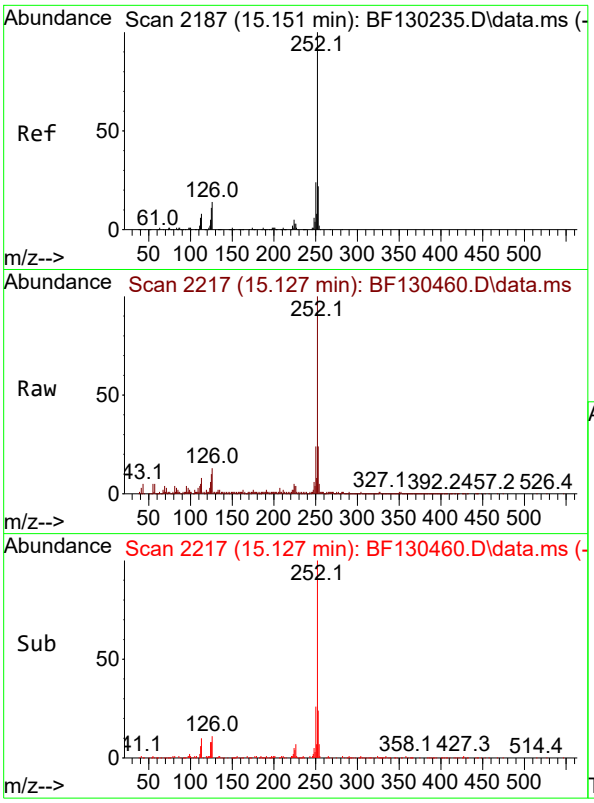


#89
Benzo(k)fluoranthene
Concen: 29.283 ng
RT: 14.798 min Scan# 2161
Delta R.T. -0.018 min
Lab File: BF130460.D
Acq: 28 Sep 2022 22:08

Tgt Ion:252 Resp: 282564

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	10.5	7.9	11.9



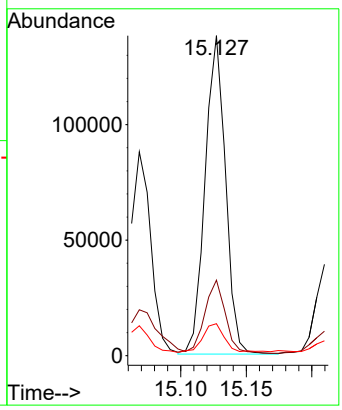


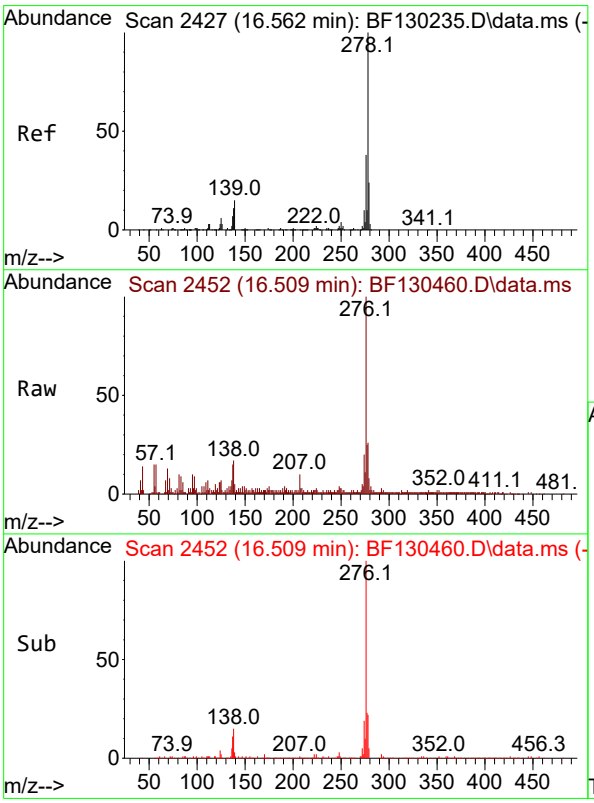
#90
Benzo(a)pyrene
Concen: 19.218 ng
RT: 15.127 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF130460.D
Acq: 28 Sep 2022 22:08

Instrument :
BNA_F
ClientSampleId :
SU-04-092622DL

Tgt Ion:252 Resp: 149348

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	10.0	9.0	13.6

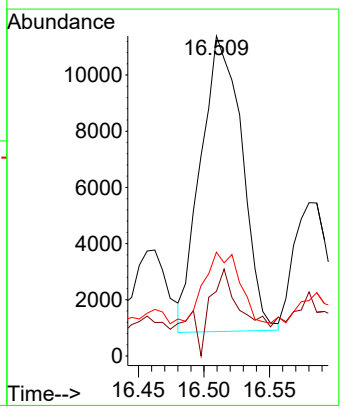


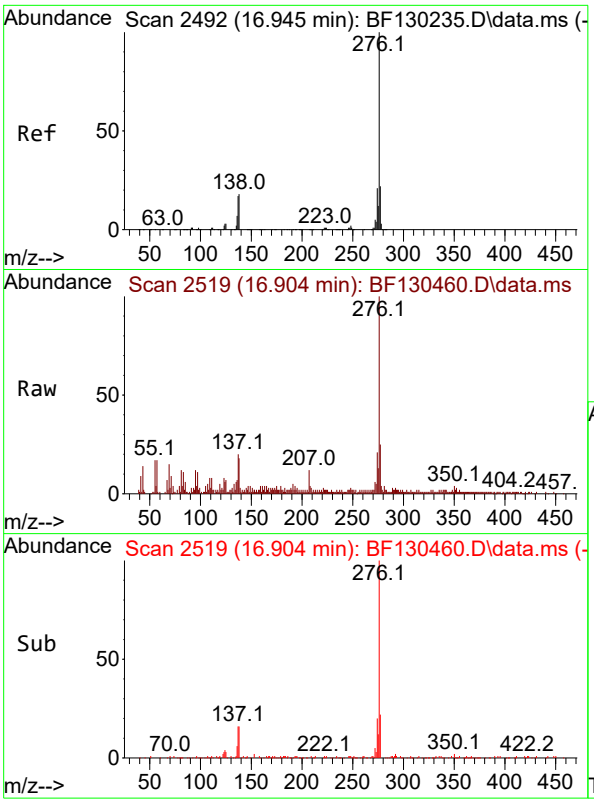


#91
Dibenzo(a,h)anthracene
Concen: 2.628 ng
RT: 16.509 min Scan# 2452
Delta R.T. 0.000 min
Lab File: BF130460.D
Acq: 28 Sep 2022 22:08

Tgt Ion:278 Resp: 22981

Ion	Ratio	Lower	Upper
278	100		
139	20.2	11.8	17.8#
279	32.4	19.4	29.0#





#92
Benzo(g,h,i)perylene
Concen: 8.446 ng
RT: 16.904 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF130460.D
Acq: 28 Sep 2022 22:08

Instrument :
BNA_F
ClientSampleId :
SU-04-092622DL

Tgt Ion:276 Resp: 74383

Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.6	27.8
138	17.6	14.6	21.8