Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
Data File : BF128268.D
Acq On : 16 May 2022 15:10
Operator : CG\JU
Sample : N2826-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-05-051222

Quant Time: May 16 15:38:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 14 00:51:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	72641	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	266555	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	136201	20.000	ng	-0.01
64) Phenanthrene-d10	11.416	188	229767	20.000	ng	0.00
76) Chrysene-d12	14.068	240	177562	20.000	ng	0.00
86) Perylene-d12	15.562	264	122122	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	454223	99.681	ng	0.00
7) Phenol-d6	6.516	99	576400	95.636	ng	-0.01
23) Nitrobenzene-d5	7.451	82	396832	66.988	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	126804	81.177	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	591373	67.938	ng	-0.01
79) Terphenyl-d14	13.004	244	630212	66.599	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.434	77	1180	Below Cal	#	1
18) Hexachloroethane	7.410	117	4040	2.026	ng	# 1
25) Isophorone	7.451	82	394911	42.522	ng	# 69
49) Acenaphthylene	9.786	152	32706	2.942	ng	99
57) 2,4-Dinitrotoluene	9.922	165	17999	6.981	ng	# 27
67) 4-Bromophenyl-phenylether	10.716	248	7945	3.214	ng	# 1
71) Phenanthrene	11.439	178	139375	12.182	ng	99
72) Anthracene	11.492	178	58207	5.096	ng	100
75) Fluoranthene	12.633	202	434221	35.007	ng	99
78) Pyrene	12.868	202	434136	33.720	ng	100
81) Benzo(a)anthracene	14.057	228	244323	21.543	ng	94
83) Chrysene	14.092	228	207137	19.141	ng	97
87) Indeno(1,2,3-cd)pyrene	17.086	276	108215	14.649	ng	# 93
88) Benzo(b)fluoranthene	15.127	252	355116	46.909	ng	93
89) Benzo(k)fluoranthene	15.127	252	355116	47.521	ng	# 91
90) Benzo(a)pyrene	15.504	252	185297	30.319	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	27430	4.586	ng	# 84
92) Benzo(g,h,i)perylene	17.550	276	103261	17.052	ng	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
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Sample : N2826-01
Misc :
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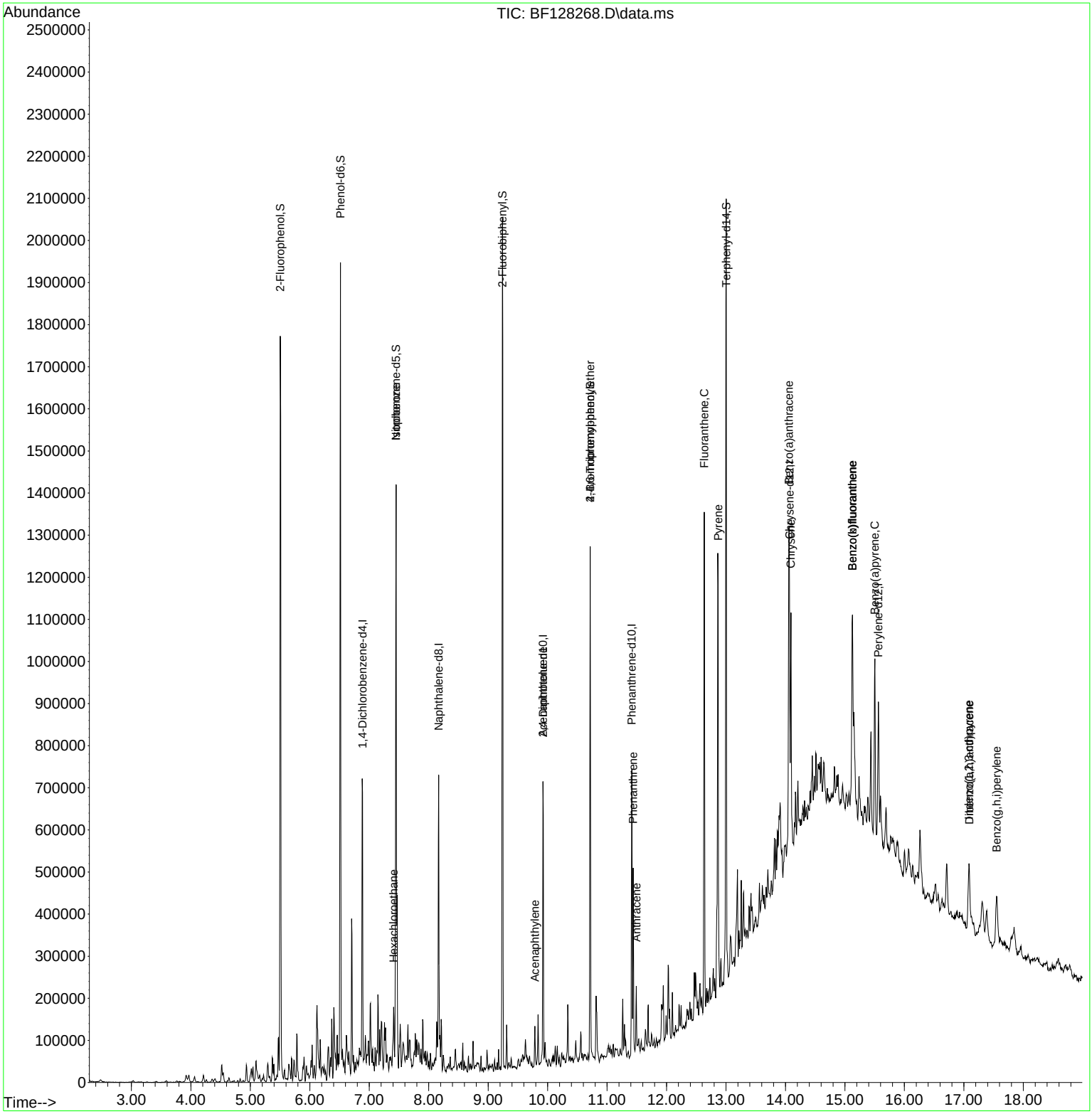
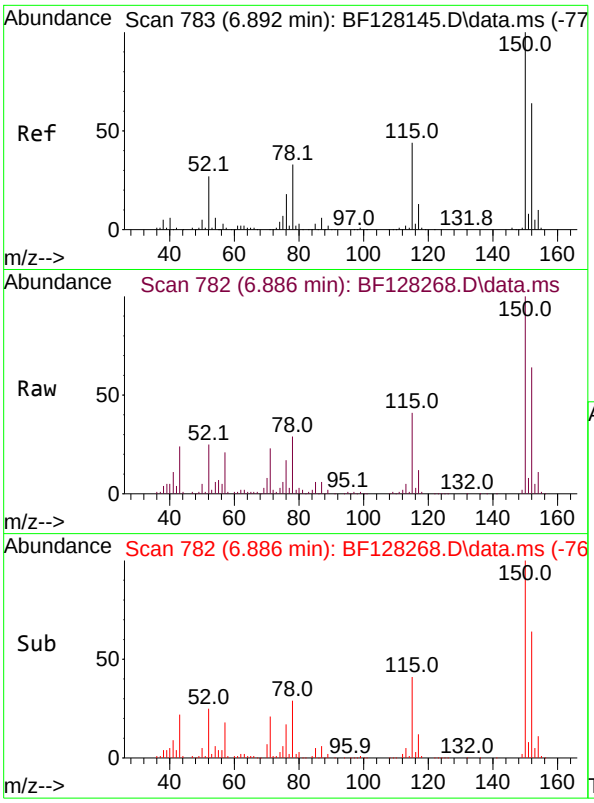
Quant Time: May 16 15:38:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 14 00:51:21 2022
Response via : Initial Calibration



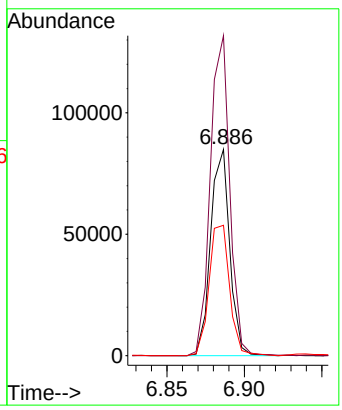


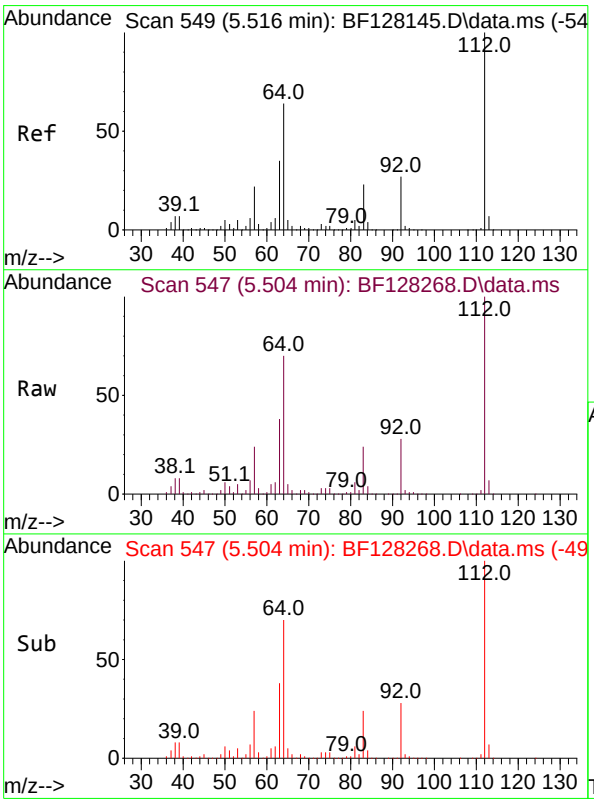
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 7
Delta R.T. -0.001 min
Lab File: BF128268.D
Acq: 16 May 2022 15:10

Instrument :
BNA_F
ClientSampleId :
PL-05-051222

Tgt Ion:152 Resp: 72641

Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.3	187.9
115	63.2	48.8	73.2

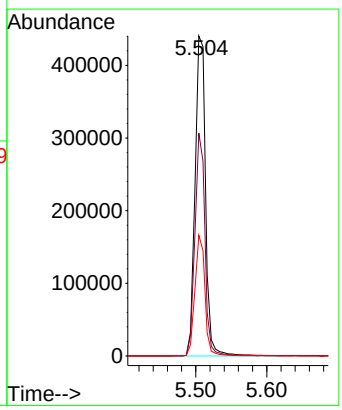


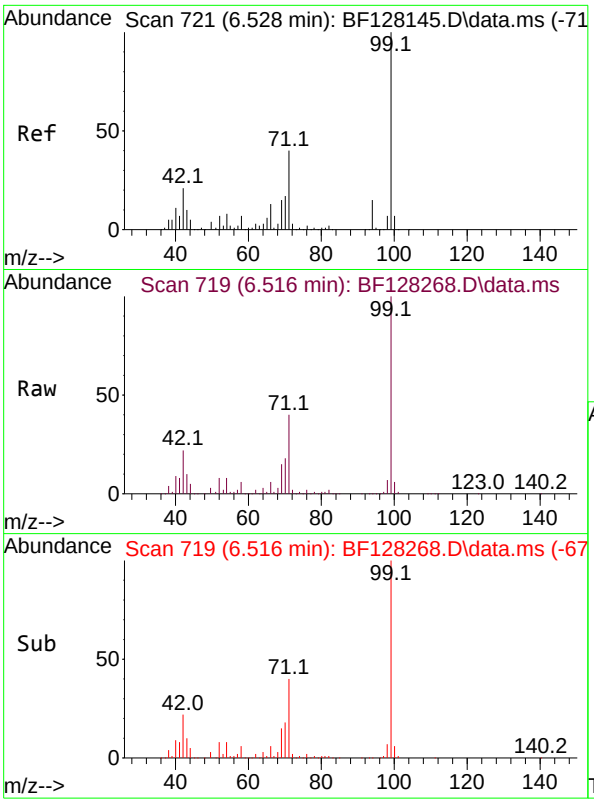


#5
2-Fluorophenol
Concen: 99.681 ng
RT: 5.504 min Scan# 547
Delta R.T. -0.006 min
Lab File: BF128268.D
Acq: 16 May 2022 15:10

Tgt Ion:112 Resp: 454223

Ion	Ratio	Lower	Upper
112	100		
64	69.7	49.5	74.3
63	37.7	26.3	39.5



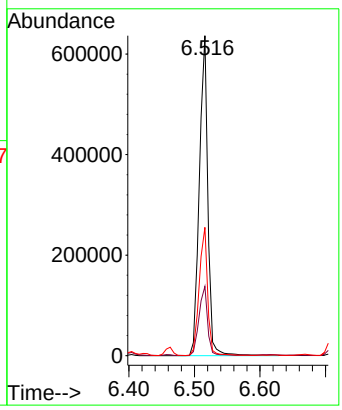


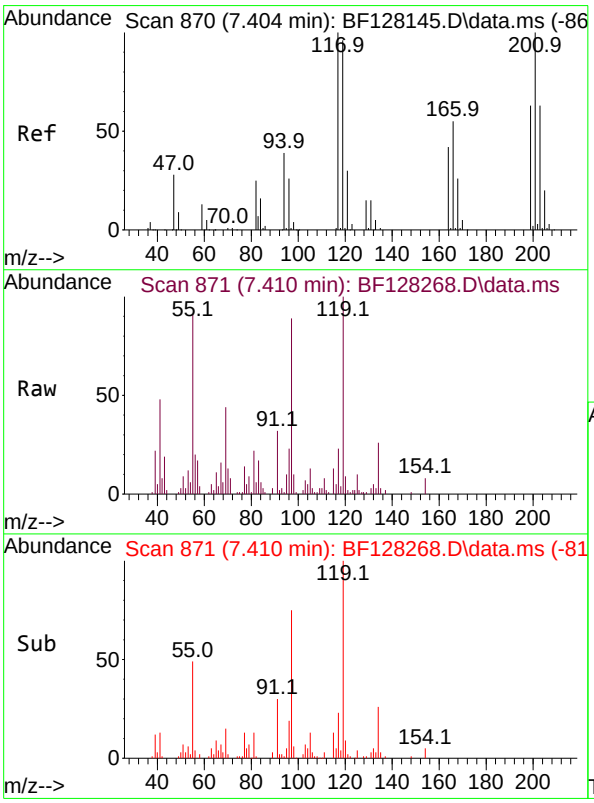
#7
Phenol-d6
Concen: 95.636 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF128268.D
Acq: 16 May 2022 15:10

Instrument :
BNA_F
ClientSampleId :
PL-05-051222

Tgt Ion: 99 Resp: 576400

Ion	Ratio	Lower	Upper
99	100		
42	21.6	16.6	24.8
71	40.1	30.0	45.0

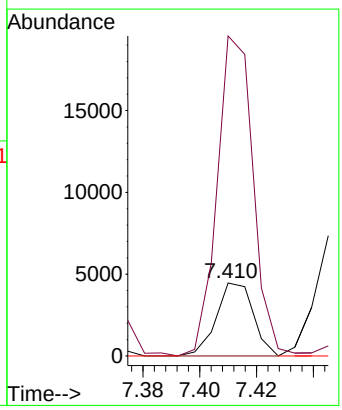


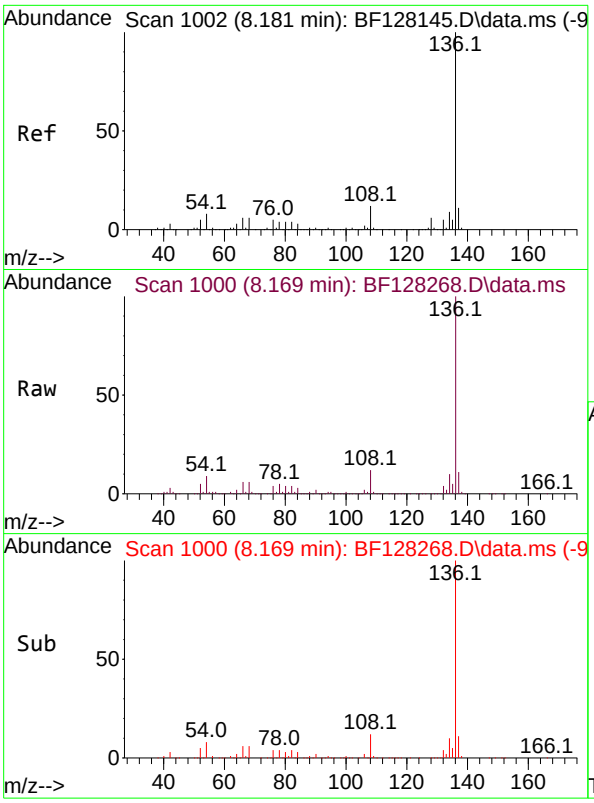


#18
Hexachloroethane
Concen: 2.026 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.012 min
Lab File: BF128268.D
Acq: 16 May 2022 15:10

Tgt Ion:117 Resp: 4040

Ion	Ratio	Lower	Upper
117	100		
119	439.1	76.2	114.4#
201	0.0	84.4	126.6#



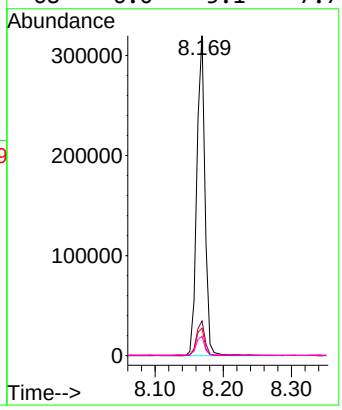


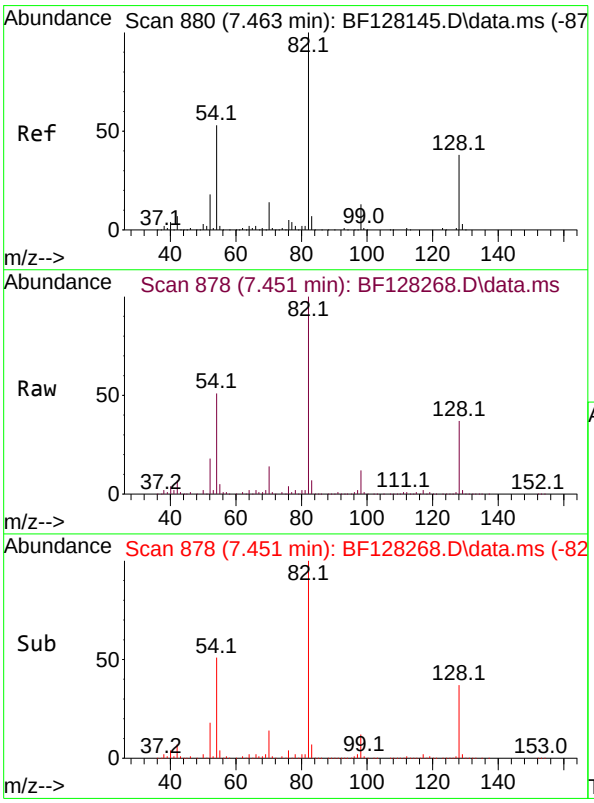
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128268.D
Acq: 16 May 2022 15:10

Instrument :
BNA_F
ClientSampleId :
PL-05-051222

Tgt Ion:136 Resp: 266555

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.6	6.8	10.2
68	6.0	5.1	7.7

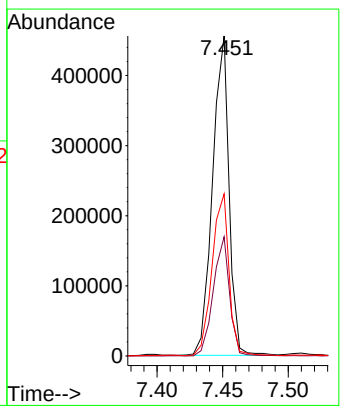


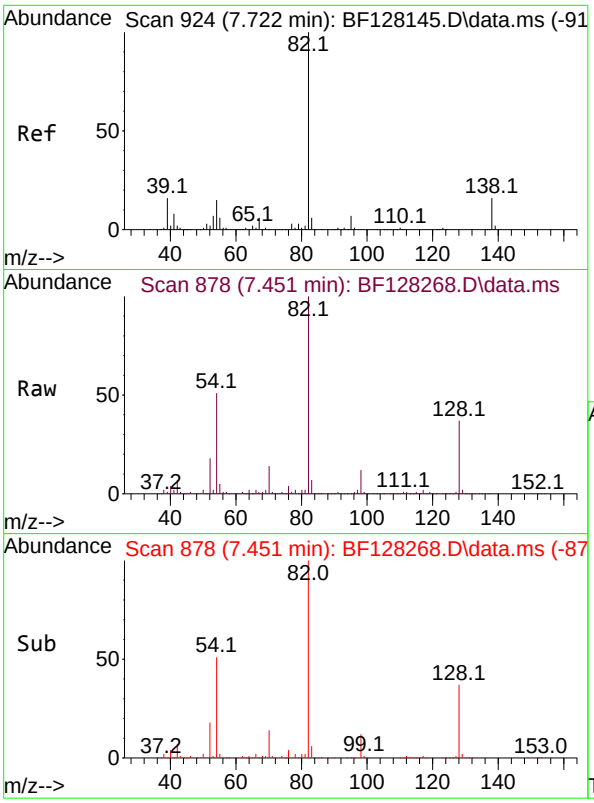


#23
Nitrobenzene-d5
Concen: 66.988 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF128268.D
Acq: 16 May 2022 15:10

Tgt Ion: 82 Resp: 396832

Ion	Ratio	Lower	Upper
82	100		
128	37.3	30.0	45.0
54	50.7	41.3	61.9



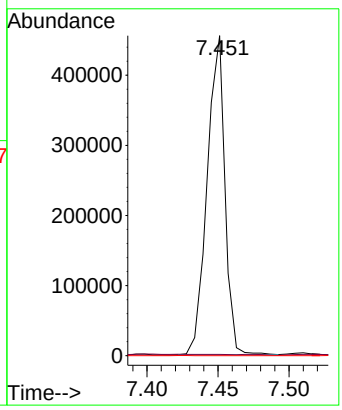


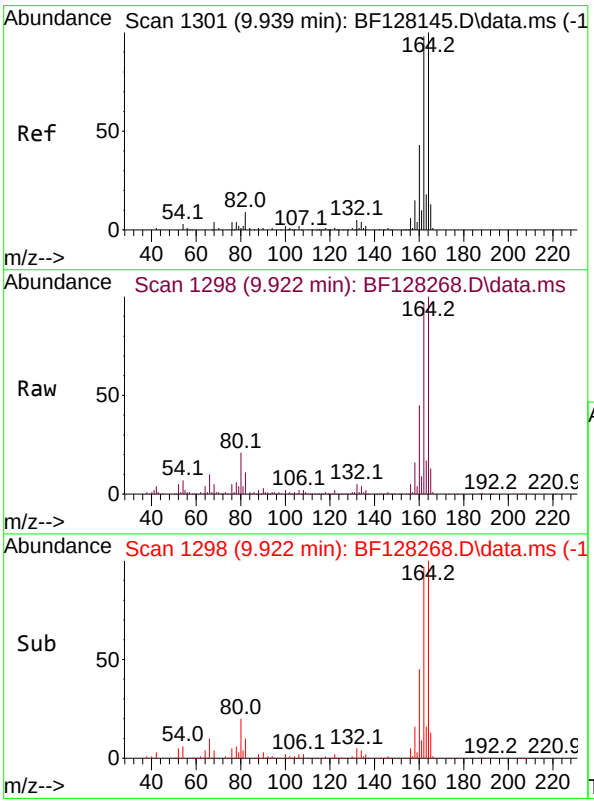
#25
Isophorone
Concen: 42.522 ng
RT: 7.451 min Scan# 8
Delta R.T. -0.265 min
Lab File: BF128268.D
Acq: 16 May 2022 15:10

Instrument :
BNA_F
ClientSampleId :
PL-05-051222

Tgt Ion: 82 Resp: 394911

Ion	Ratio	Lower	Upper
82	100		
95	0.4	5.6	8.4#
138	0.0	12.5	18.7#

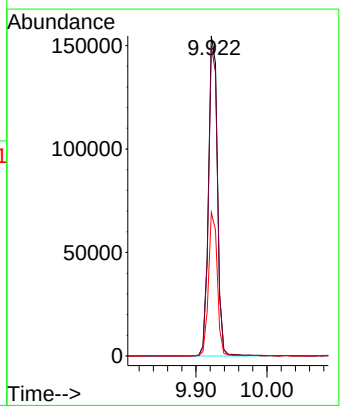


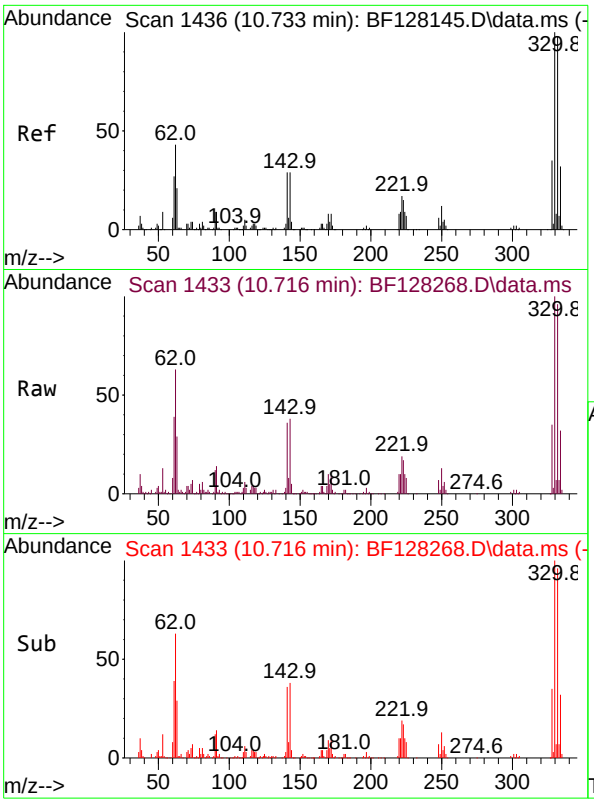


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.012 min
Lab File: BF128268.D
Acq: 16 May 2022 15:10

Tgt Ion:164 Resp: 136201

Ion	Ratio	Lower	Upper
164	100		
162	96.9	76.0	114.0
160	44.9	34.8	52.2



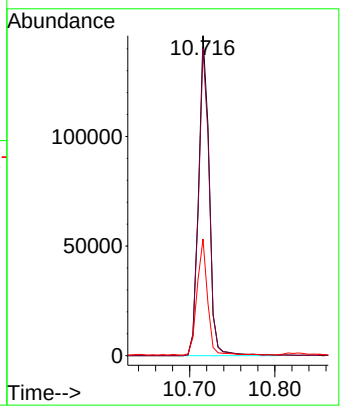


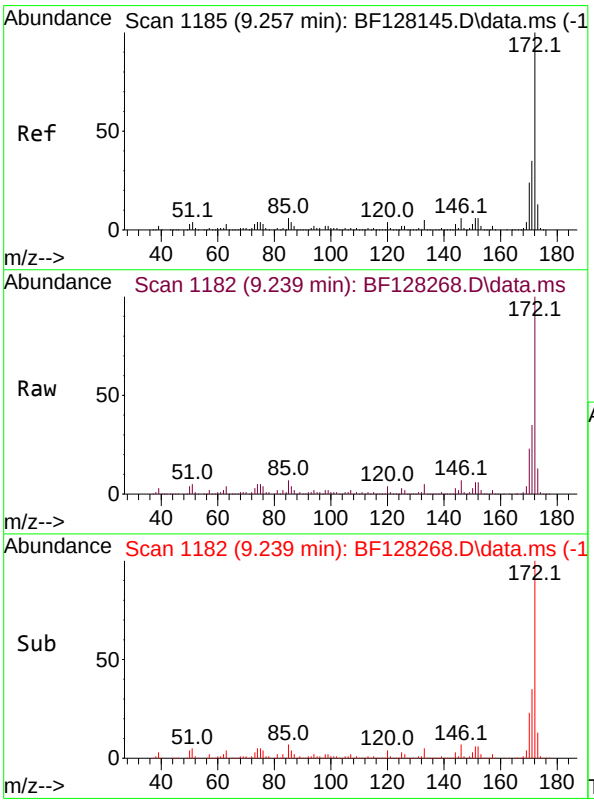
#42
2,4,6-Tribromophenol
Concen: 81.177 ng
RT: 10.716 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF128268.D
Acq: 16 May 2022 15:10

Instrument :
BNA_F
ClientSampleId :
PL-05-051222

Tgt Ion:330 Resp: 126804

Ion	Ratio	Lower	Upper
330	100		
332	95.7	79.0	118.4
141	35.7	28.9	43.3

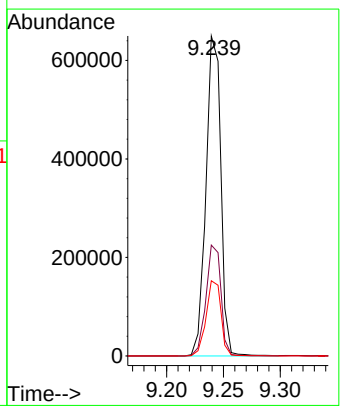


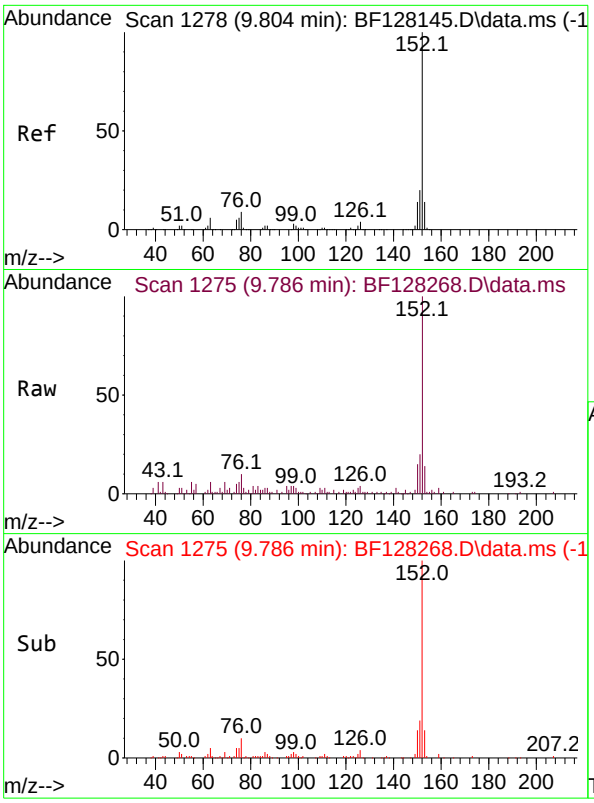


#45
2-Fluorobiphenyl
Concen: 67.938 ng
RT: 9.239 min Scan# 1182
Delta R.T. -0.012 min
Lab File: BF128268.D
Acq: 16 May 2022 15:10

Tgt Ion:172 Resp: 591373

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	42.8
170	23.5	19.1	28.7



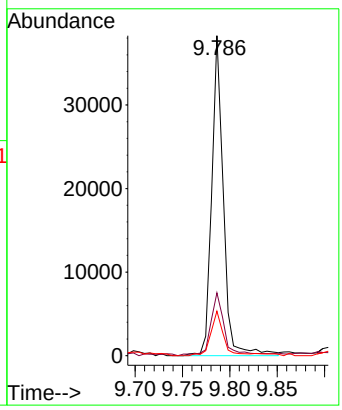


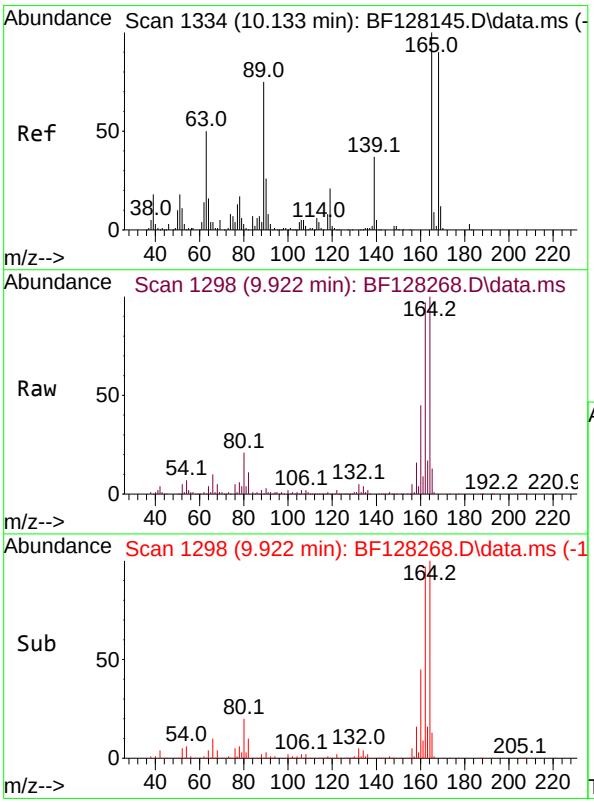
#49
Acenaphthylene
Concen: 2.942 ng
RT: 9.786 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF128268.D
Acq: 16 May 2022 15:10

Instrument :
BNA_F
ClientSampleId :
PL-05-051222

Tgt Ion:152 Resp: 32706

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.2
153	13.9	11.2	16.8

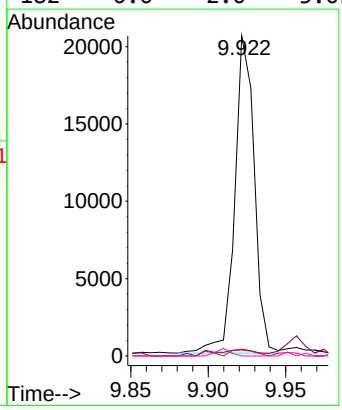


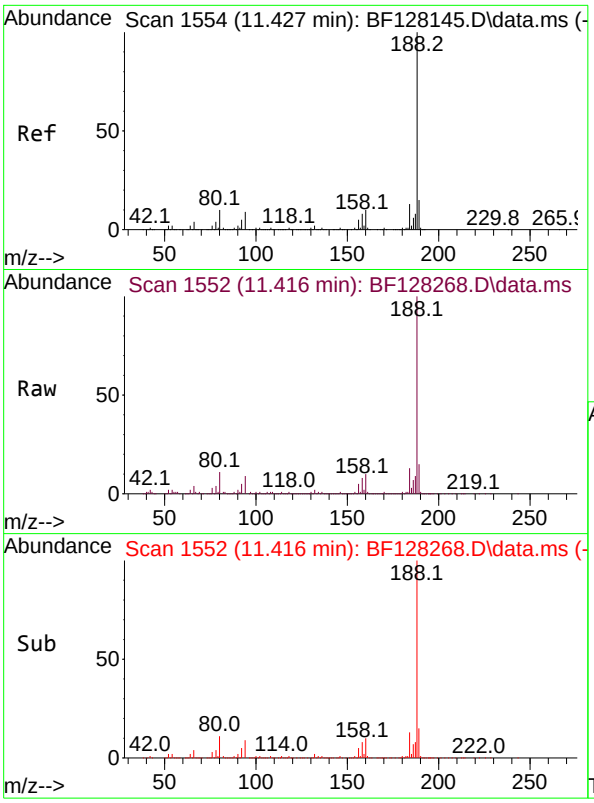


#57
2,4-Dinitrotoluene
Concen: 6.981 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.206 min
Lab File: BF128268.D
Acq: 16 May 2022 15:10

Tgt Ion:165 Resp: 17999

Ion	Ratio	Lower	Upper
165	100		
63	2.1	32.6	49.0#
89	1.9	55.2	82.8#
182	0.0	2.0	3.0#



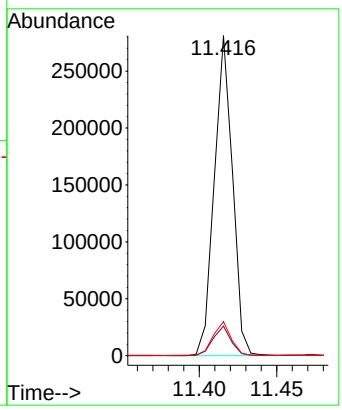


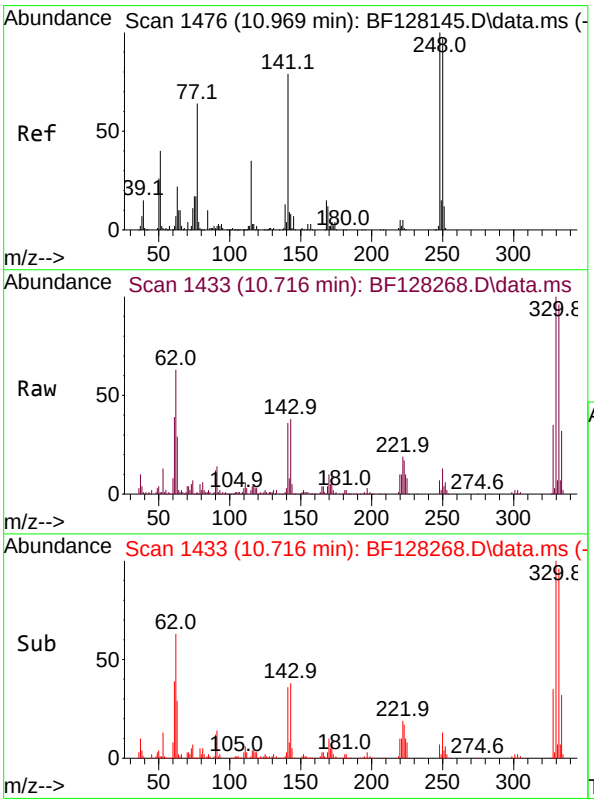
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128268.D
Acq: 16 May 2022 15:10

Instrument :
BNA_F
ClientSampleId :
PL-05-051222

Tgt Ion:188 Resp: 229767

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.0	12.0
80	10.7	8.9	13.3

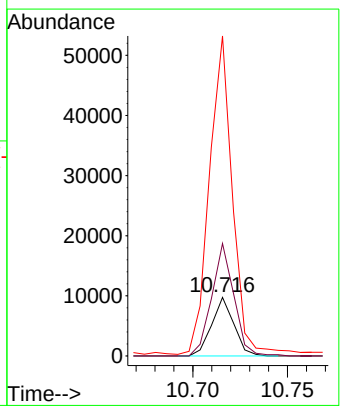


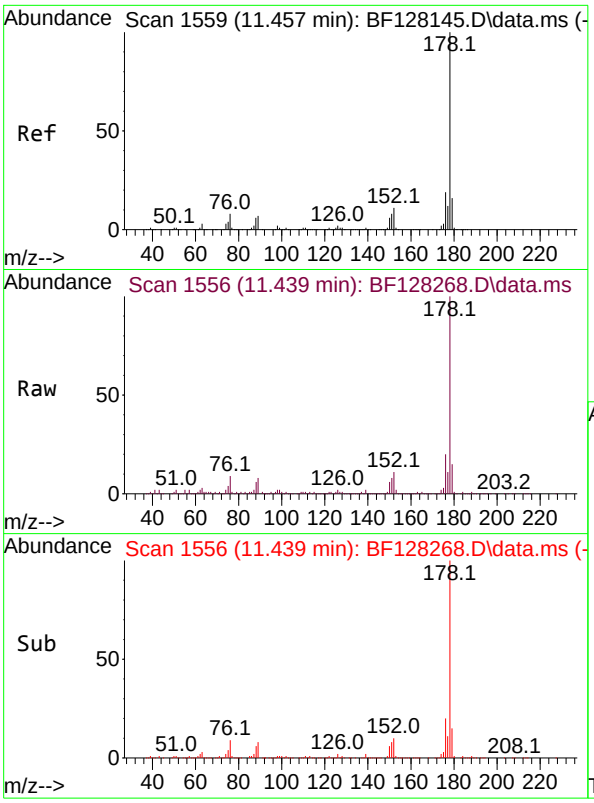


#67
4-Bromophenyl-phenylether
Concen: 3.214 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.247 min
Lab File: BF128268.D
Acq: 16 May 2022 15:10

Tgt Ion:248 Resp: 7945

Ion	Ratio	Lower	Upper
248	100		
250	192.0	77.7	116.5#
141	546.1	65.6	98.4#



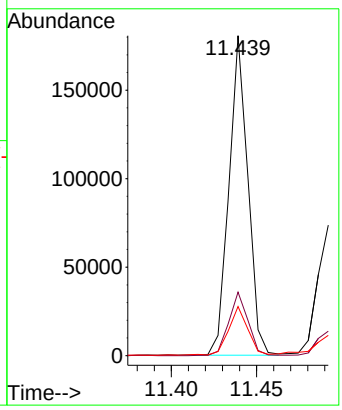


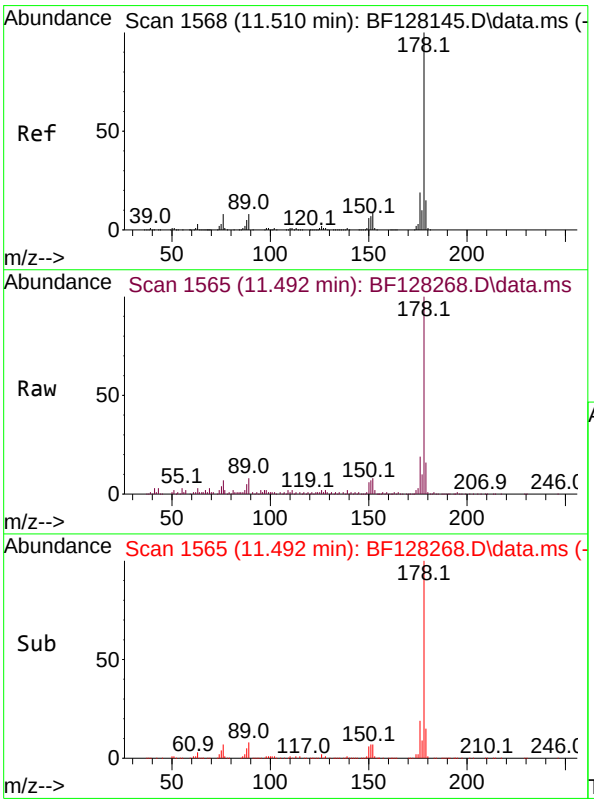
#71
Phenanthrene
Concen: 12.182 ng
RT: 11.439 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF128268.D
Acq: 16 May 2022 15:10

Instrument :
BNA_F
ClientSampleId :
PL-05-051222

Tgt Ion:178 Resp: 139375

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	15.4	12.6	19.0

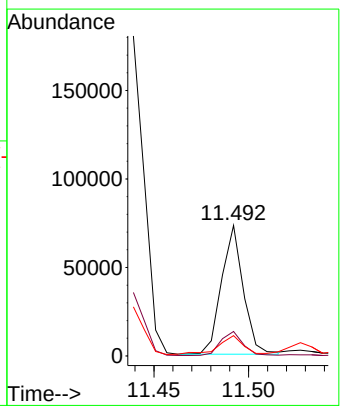


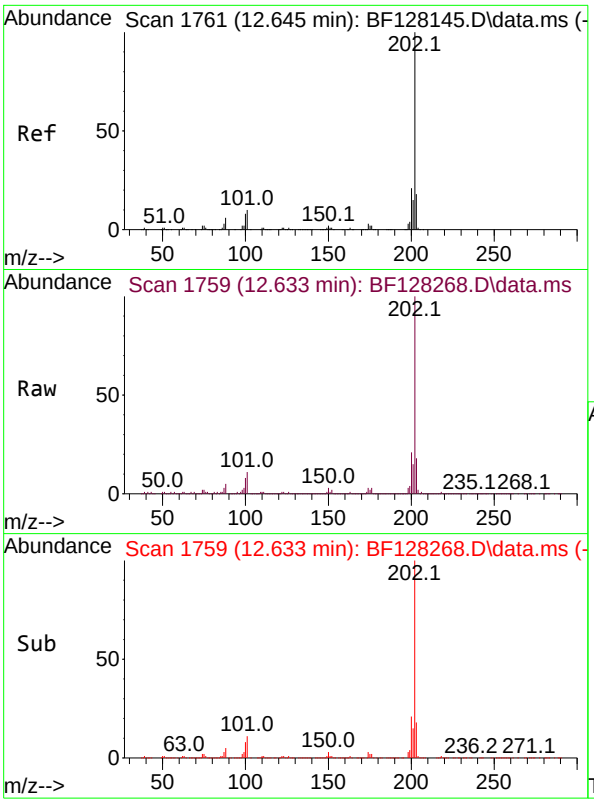


#72
Anthracene
Concen: 5.096 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.012 min
Lab File: BF128268.D
Acq: 16 May 2022 15:10

Tgt Ion:178 Resp: 58207

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.5	12.4	18.6



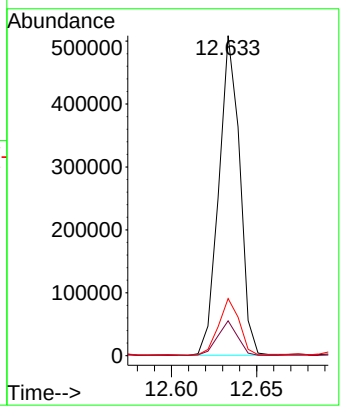


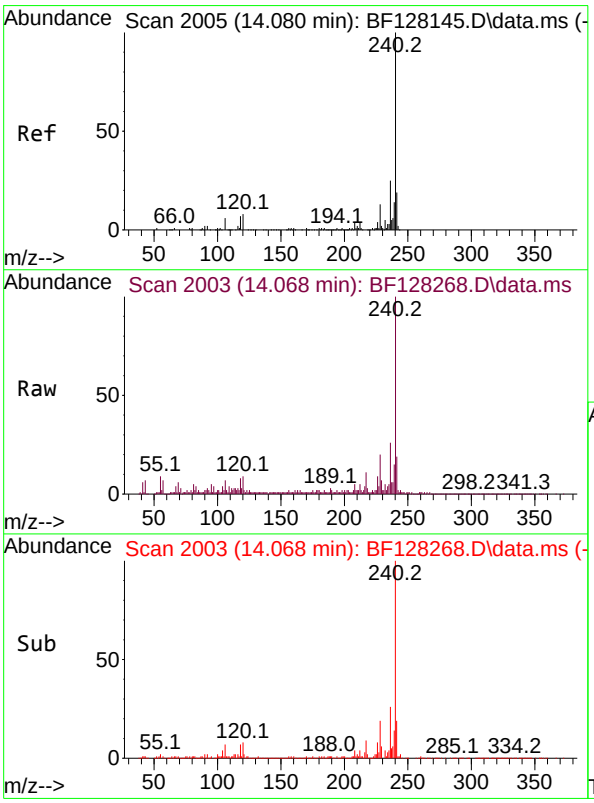
#75
Fluoranthene
Concen: 35.007 ng
RT: 12.633 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128268.D
Acq: 16 May 2022 15:10

Instrument :
BNA_F
ClientSampleId :
PL-05-051222

Tgt Ion:202 Resp: 434221

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.6
203	17.8	0.0	38.1

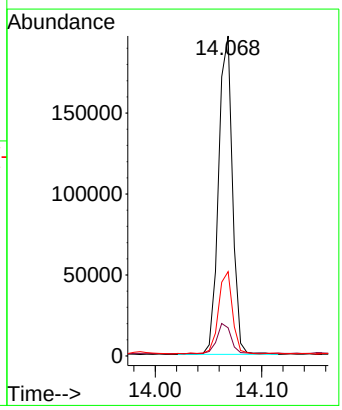


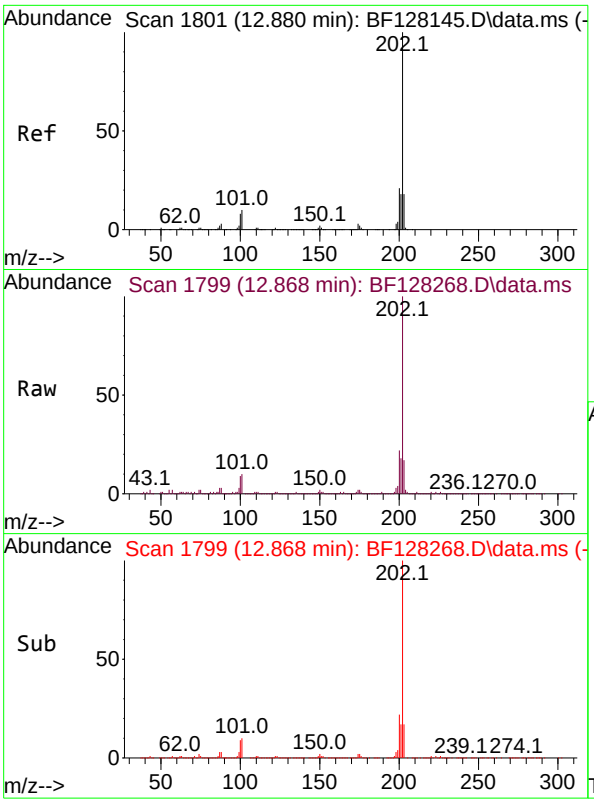


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BF128268.D
Acq: 16 May 2022 15:10

Tgt Ion:240 Resp: 177562

Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.0	10.6
236	26.3	20.3	30.5



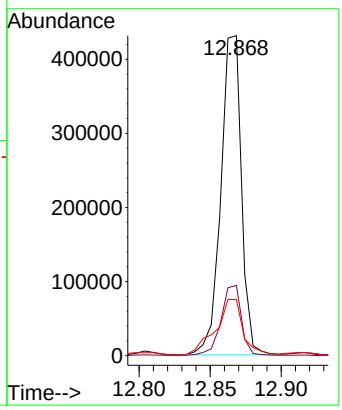


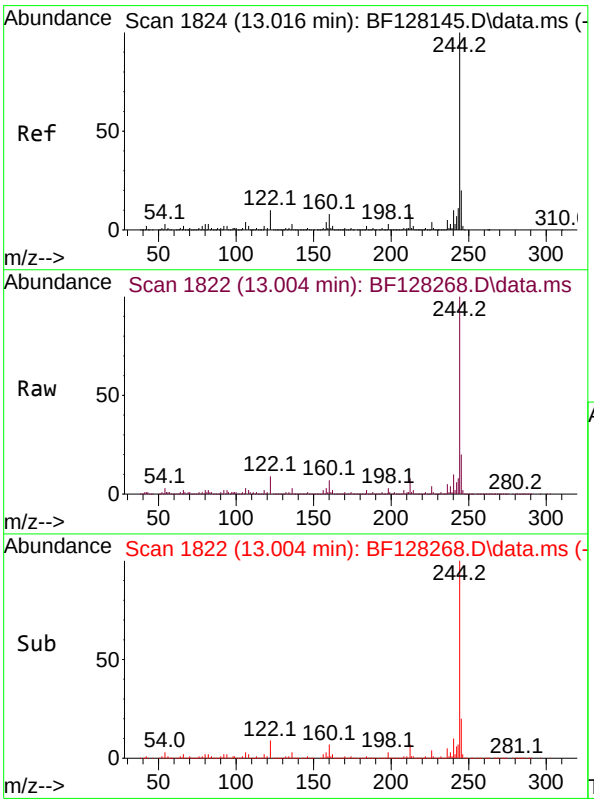
#78
Pyrene
Concen: 33.720 ng
RT: 12.868 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF128268.D
Acq: 16 May 2022 15:10

Instrument :
BNA_F
ClientSampleId :
PL-05-051222

Tgt Ion:202 Resp: 434136

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.5	14.0	21.0

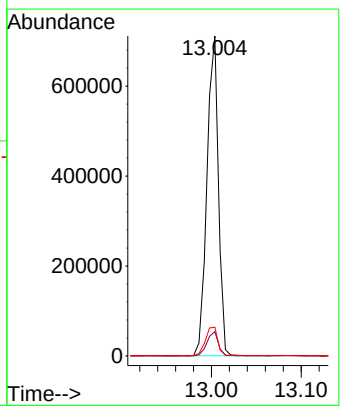


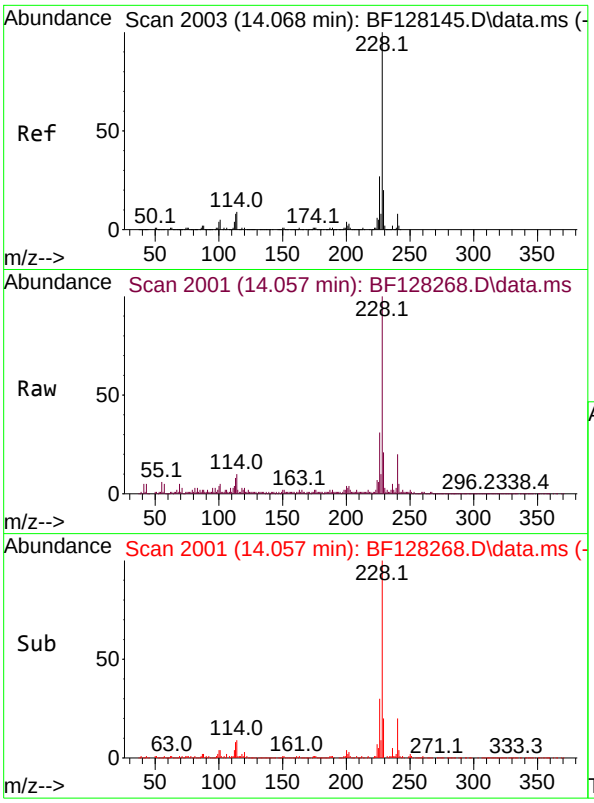


#79
Terphenyl-d14
Concen: 66.599 ng
RT: 13.004 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BF128268.D
Acq: 16 May 2022 15:10

Tgt Ion:244 Resp: 630212

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.4
122	9.0	8.6	12.8



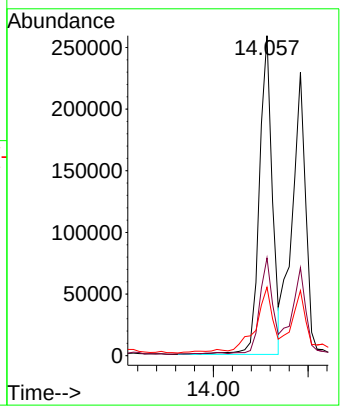


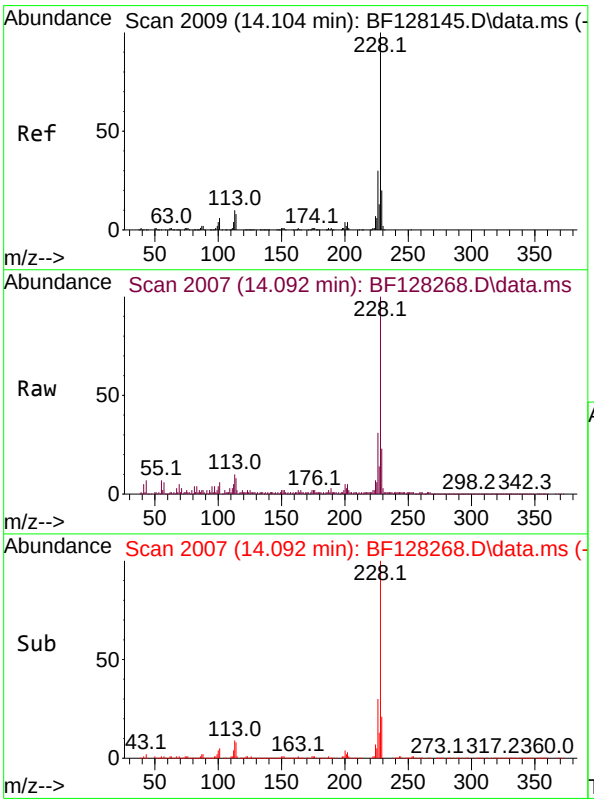
#81
Benzo(a)anthracene
Concen: 21.543 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF128268.D
Acq: 16 May 2022 15:10

Instrument :
BNA_F
ClientSampleId :
PL-05-051222

Tgt Ion:228 Resp: 244323

Ion	Ratio	Lower	Upper
228	100		
226	30.6	21.7	32.5
229	21.4	15.4	23.2

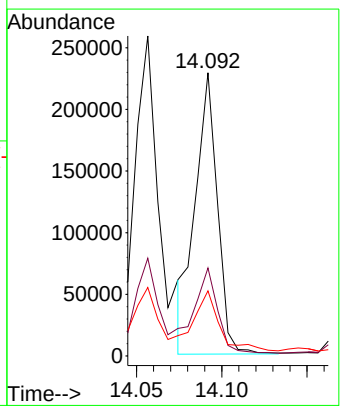


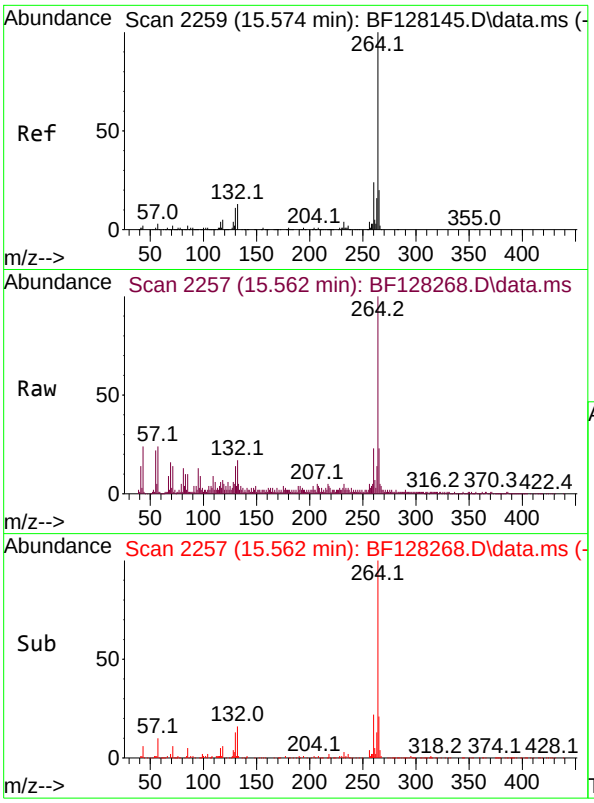


#83
Chrysene
Concen: 19.141 ng
RT: 14.092 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF128268.D
Acq: 16 May 2022 15:10

Tgt Ion:228 Resp: 207137

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.4	36.6
229	23.0	15.8	23.8



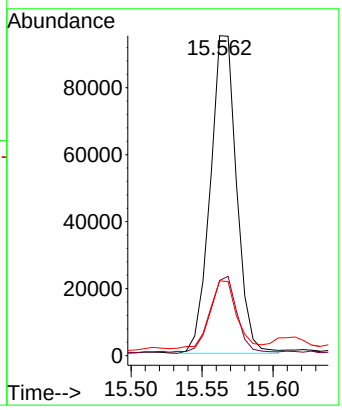


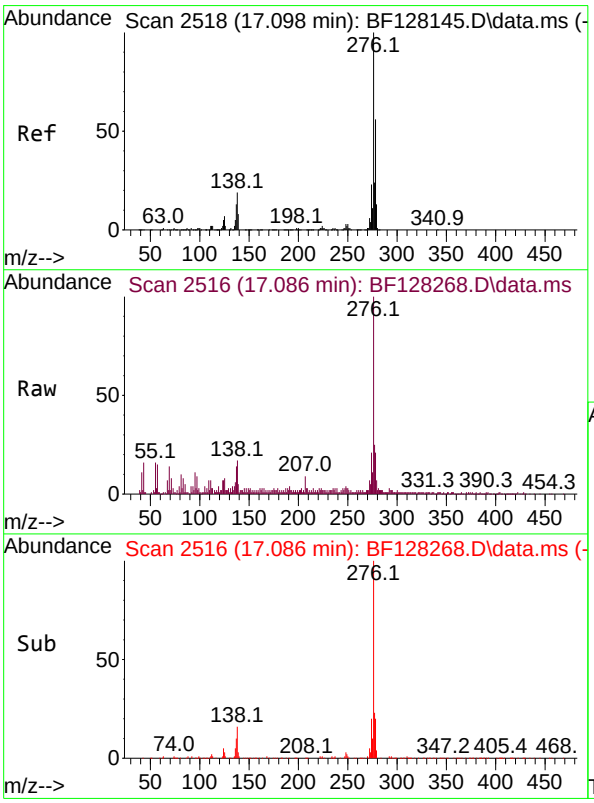
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF128268.D
Acq: 16 May 2022 15:10

Instrument :
BNA_F
ClientSampleId :
PL-05-051222

Tgt Ion:264 Resp: 122122

Ion	Ratio	Lower	Upper
264	100		
260	23.5	20.1	30.1
265	23.4	17.5	26.3

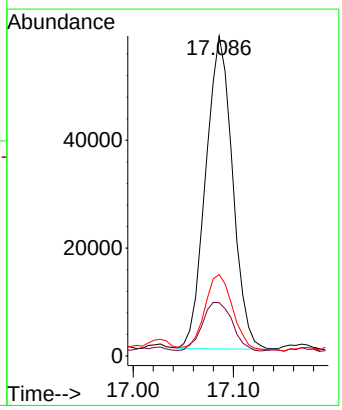


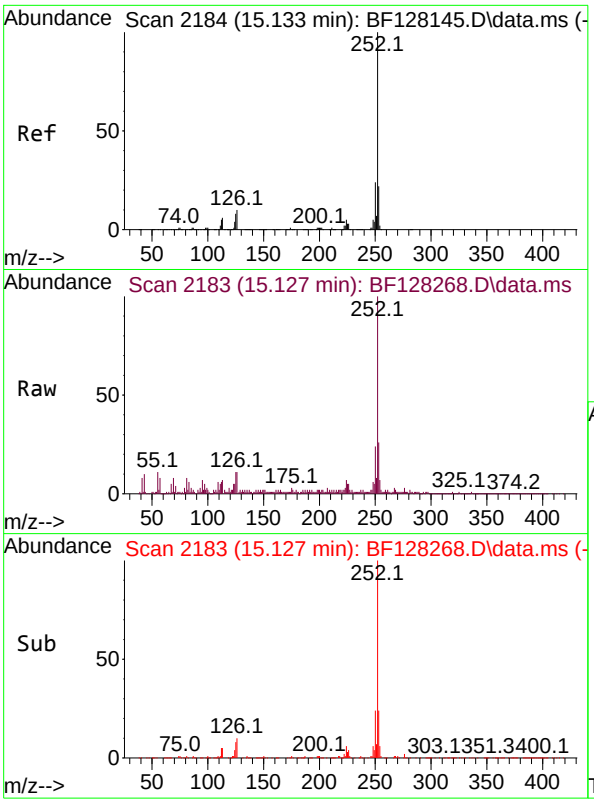


#87
Indeno(1,2,3-cd)pyrene
Concen: 14.649 ng
RT: 17.086 min Scan# 2516
Delta R.T. -0.000 min
Lab File: BF128268.D
Acq: 16 May 2022 15:10

Tgt Ion:276 Resp: 108215

Ion	Ratio	Lower	Upper
276	100		
138	17.5	19.0	28.4#
277	26.0	20.1	30.1



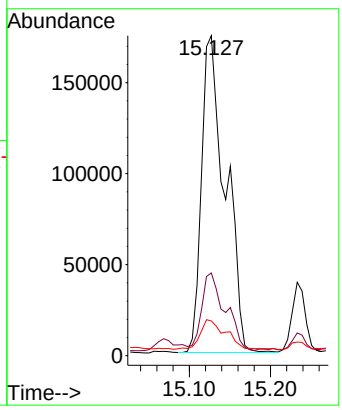


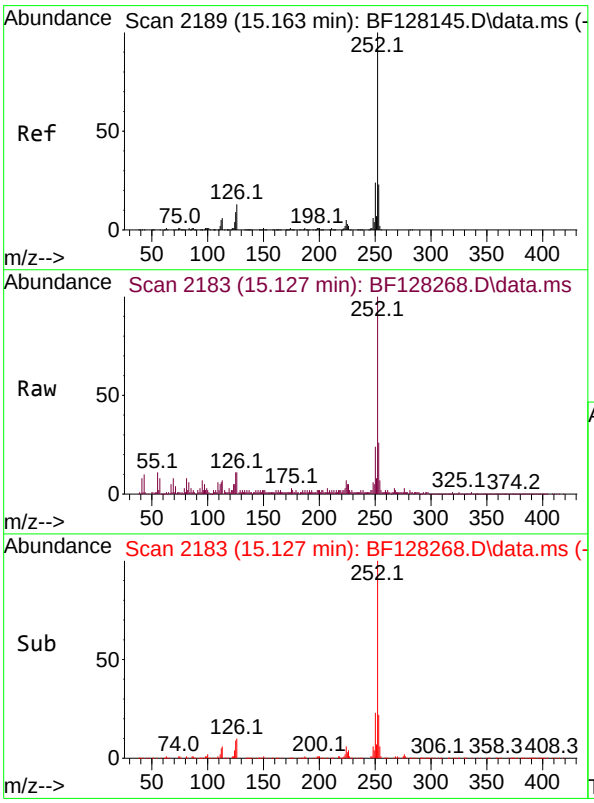
#88
Benzo(b)fluoranthene
Concen: 46.909 ng
RT: 15.127 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF128268.D
Acq: 16 May 2022 15:10

Instrument :
BNA_F
ClientSampleId :
PL-05-051222

Tgt Ion:252 Resp: 355116

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.4	26.2
125	10.9	7.4	11.2

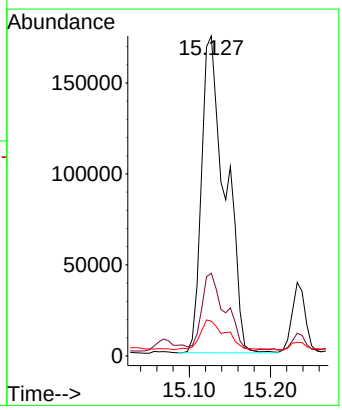


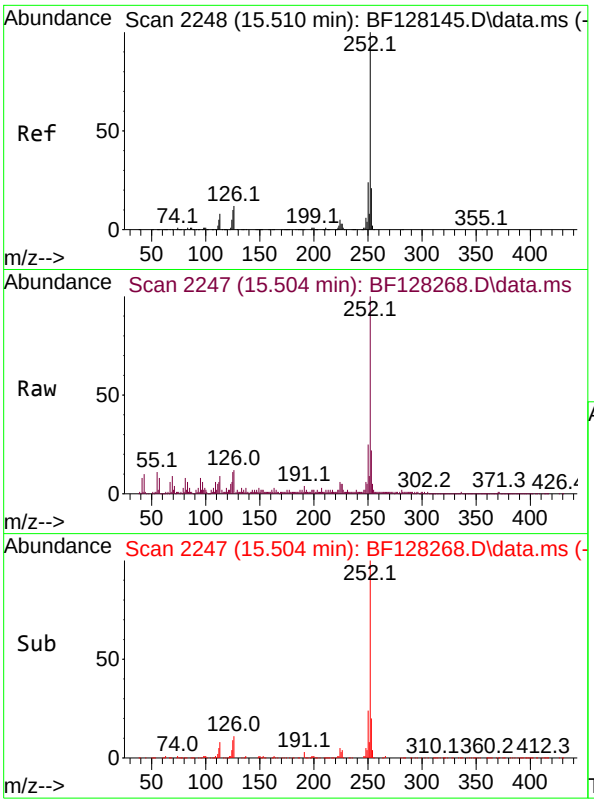


#89
Benzo(k)fluoranthene
Concen: 47.521 ng
RT: 15.127 min Scan# 2183
Delta R.T. -0.024 min
Lab File: BF128268.D
Acq: 16 May 2022 15:10

Tgt Ion:252 Resp: 355116

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.0	25.4#
125	10.9	6.8	10.2#



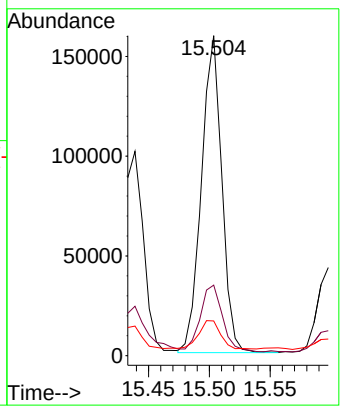


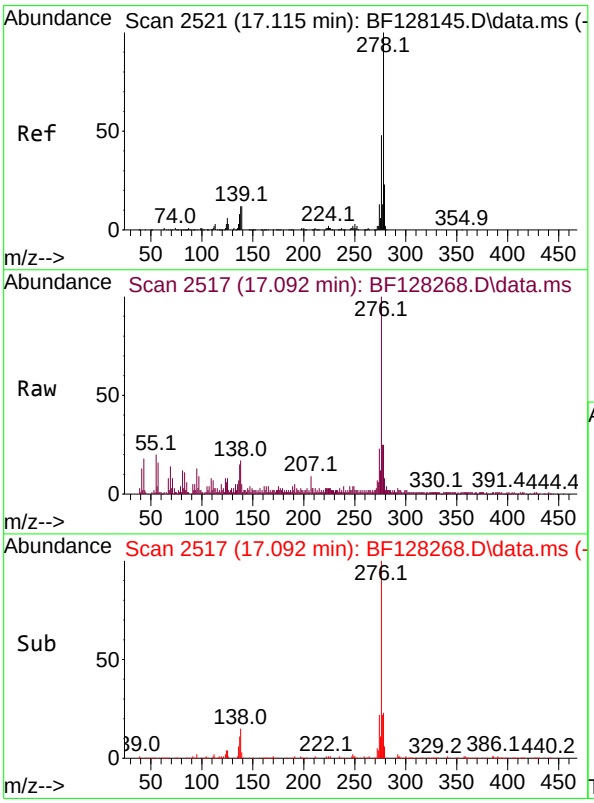
#90
Benzo(a)pyrene
Concen: 30.319 ng
RT: 15.504 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF128268.D
Acq: 16 May 2022 15:10

Instrument :
BNA_F
ClientSampleId :
PL-05-051222

Tgt Ion:252 Resp: 185297

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	10.9	9.2	13.8

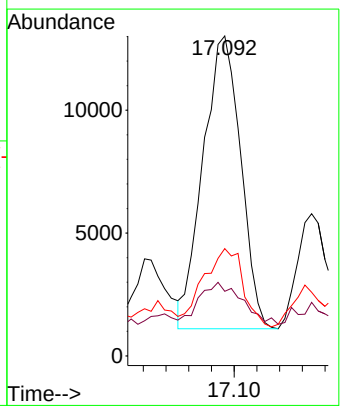


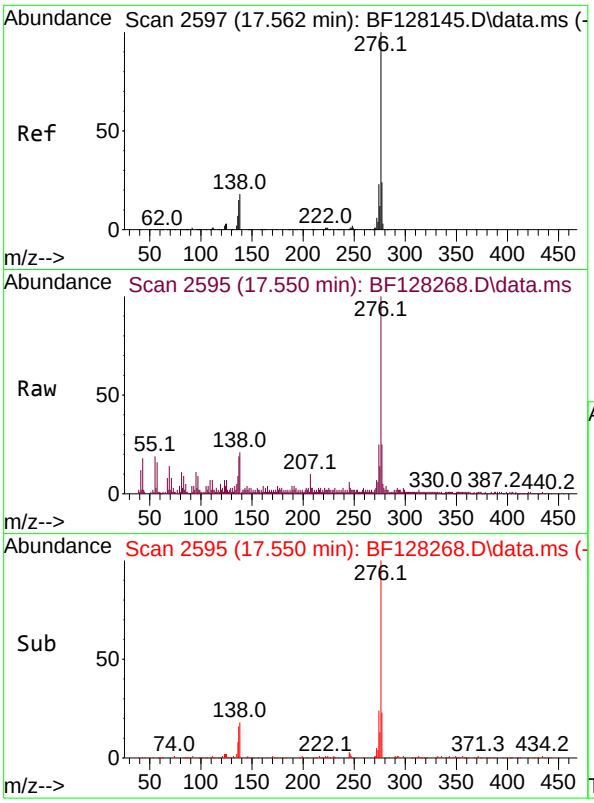


#91
Dibenzo(a,h)anthracene
Concen: 4.586 ng
RT: 17.092 min Scan# 2517
Delta R.T. -0.006 min
Lab File: BF128268.D
Acq: 16 May 2022 15:10

Tgt Ion:278 Resp: 27430

Ion	Ratio	Lower	Upper
278	100		
139	20.2	12.6	19.0#
279	33.5	18.9	28.3#





#92
Benzo(g,h,i)perylene
Concen: 17.052 ng
RT: 17.550 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF128268.D
Acq: 16 May 2022 15:10

Instrument :
BNA_F
ClientSampleId :
PL-05-051222

Tgt Ion:276 Resp: 103261

Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.8	28.2
138	20.5	16.2	24.2