Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050322\
Data File : BF128052.D
Acq On : 03 May 2022 18:15
Operator : CG\JU
Sample : N2611-01DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-01-042822DL

Quant Time: May 04 04:27:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 04:23:29 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	114125	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	443728	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	241189	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	348476	20.000	ng	# 0.00
76) Chrysene-d12	14.098	240	230397	20.000	ng	0.00
86) Perylene-d12	15.604	264	211900	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	151735	21.177	ng	-0.01
7) Phenol-d6	6.534	99	202249	21.754	ng	-0.02
23) Nitrobenzene-d5	7.475	82	142204	15.070	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	45413	18.704	ng	-0.01
45) 2-Fluorobiphenyl	9.269	172	256200	17.970	ng	-0.01
79) Terphenyl-d14	13.033	244	186702	14.818	ng	-0.01
Target Compounds						Qvalue
18) Hexachloroethane	7.440	117	8550	2.722	ng	# 1
25) Isophorone	7.475	82	142204	8.954	ng	# 68
31) Naphthalene	8.222	128	943316	41.740	ng	100
33) 4-Chloroaniline	8.222	127	124984	13.977	ng	# 33
37) 2-Methylnaphthalene	8.910	142	135186	9.051	ng	100
38) 1-Methylnaphthalene	9.010	142	73645	5.073	ng	100
51) 2,6-Dinitrotoluene	9.957	165	32258	9.211	ng	# 22
71) Phenanthrene	11.475	178	148455	8.138	ng	99
75) Fluoranthene	12.663	202	167251	8.712	ng	99
78) Pyrene	12.898	202	161076	8.661	ng	99
81) Benzo(a)anthracene	14.086	228	74586	4.857	ng	96
83) Chrysene	14.121	228	65971	4.498	ng	96
87) Indeno(1,2,3-cd)pyrene	17.133	276	33049	2.337	ng	# 93
88) Benzo(b)fluoranthene	15.157	252	117067	8.796	ng	# 96
89) Benzo(k)fluoranthene	15.157	252	117098	8.733	ng	# 95
90) Benzo(a)pyrene	15.539	252	62339	5.647	ng	99
92) Benzo(g,h,i)perylene	17.604	276	30880	2.583	ng	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050322\
Data File : BF128052.D
Acq On : 03 May 2022 18:15
Operator : CG\JU
Sample : N2611-01DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-01-042822DL

Quant Time: May 04 04:27:28 2022
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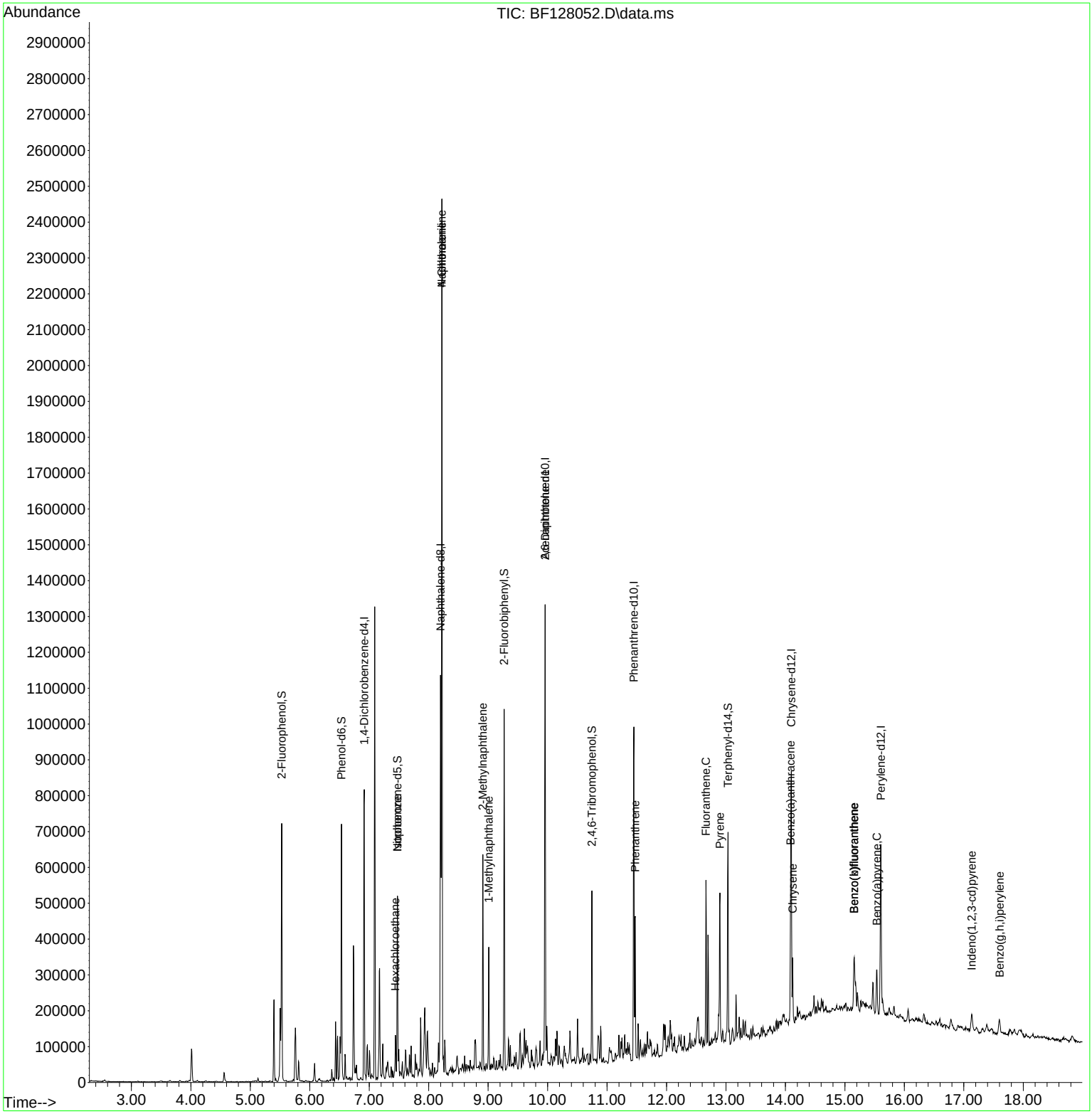
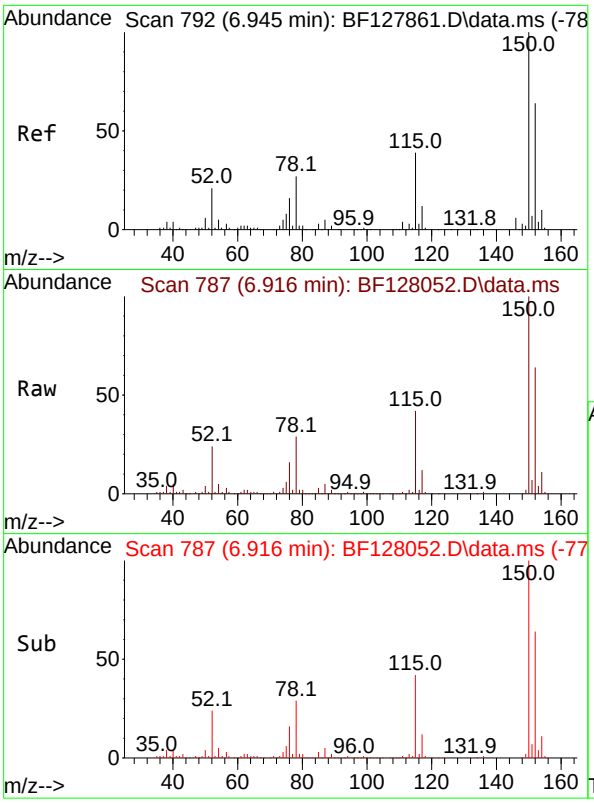
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 04:23:29 2022
Response via : Initial Calibration



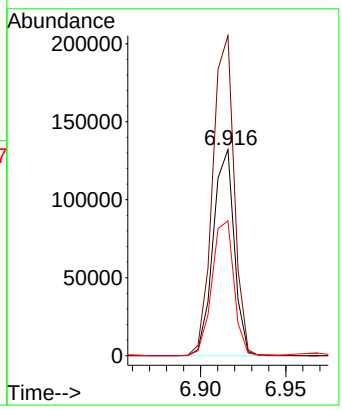


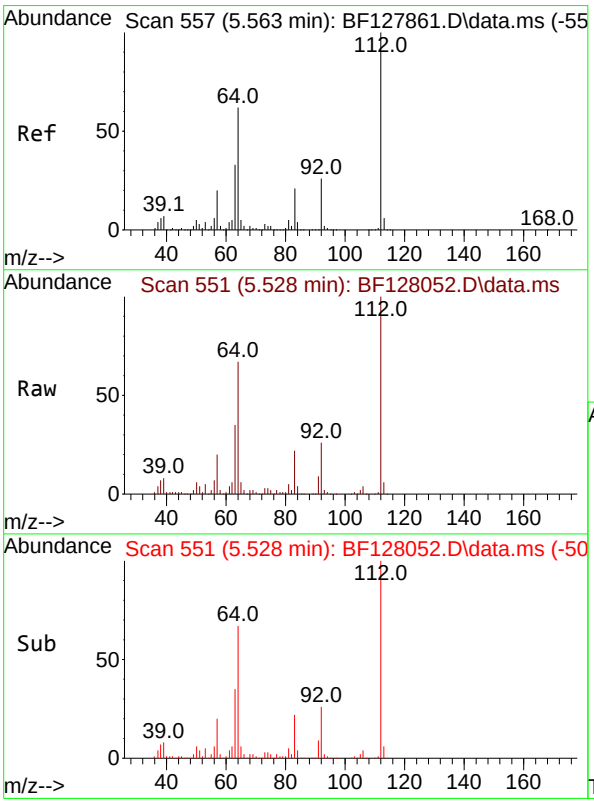
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

Instrument :
BNA_F
ClientSampleId :
JC-01-042822DL

Tgt Ion:152 Resp: 114125

Ion	Ratio	Lower	Upper
152	100		
150	155.3	125.3	187.9
115	65.5	48.8	73.2

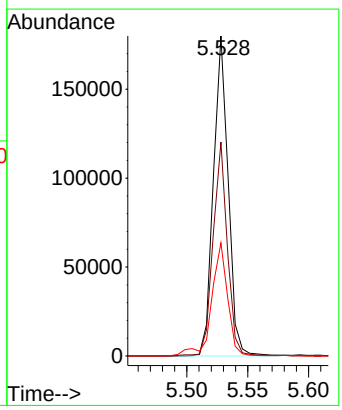


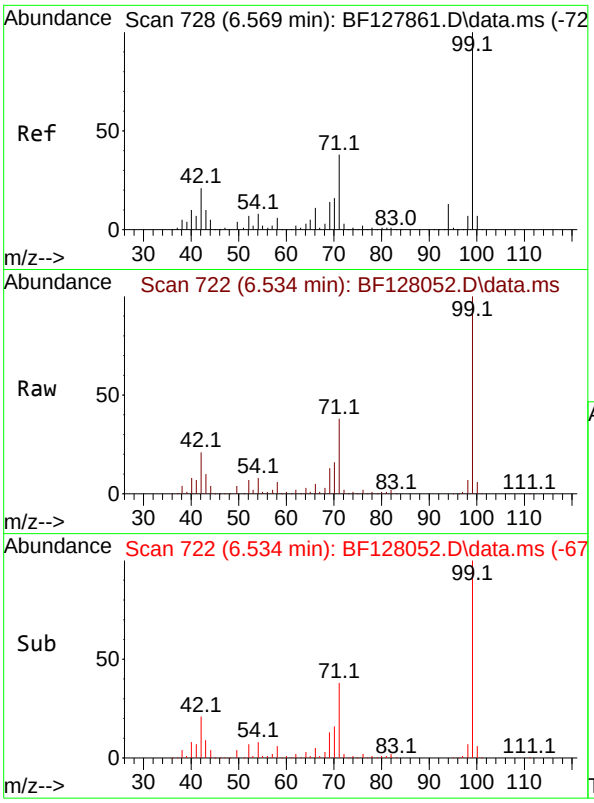


#5
2-Fluorophenol
Concen: 21.177 ng
RT: 5.528 min Scan# 551
Delta R.T. -0.012 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

Tgt Ion:112 Resp: 151735

Ion	Ratio	Lower	Upper
112	100		
64	66.8	49.5	74.3
63	35.3	26.3	39.5



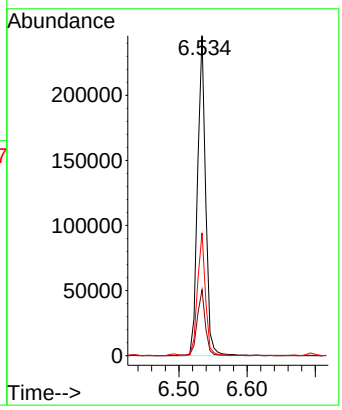


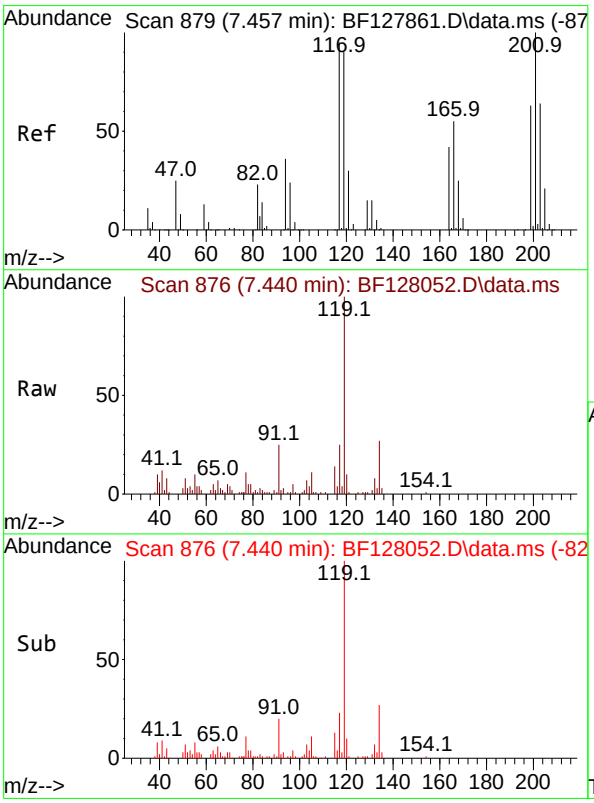
#7
Phenol-d6
Concen: 21.754 ng
RT: 6.534 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

Instrument :
BNA_F
ClientSampleId :
JC-01-042822DL

Tgt Ion: 99 Resp: 202249

Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.6	24.8
71	38.4	30.0	45.0

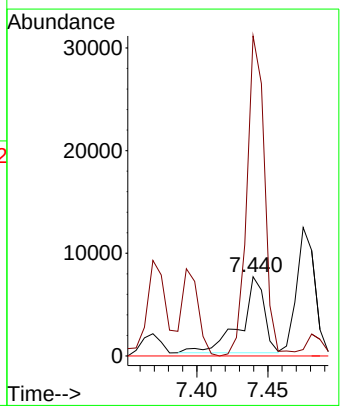


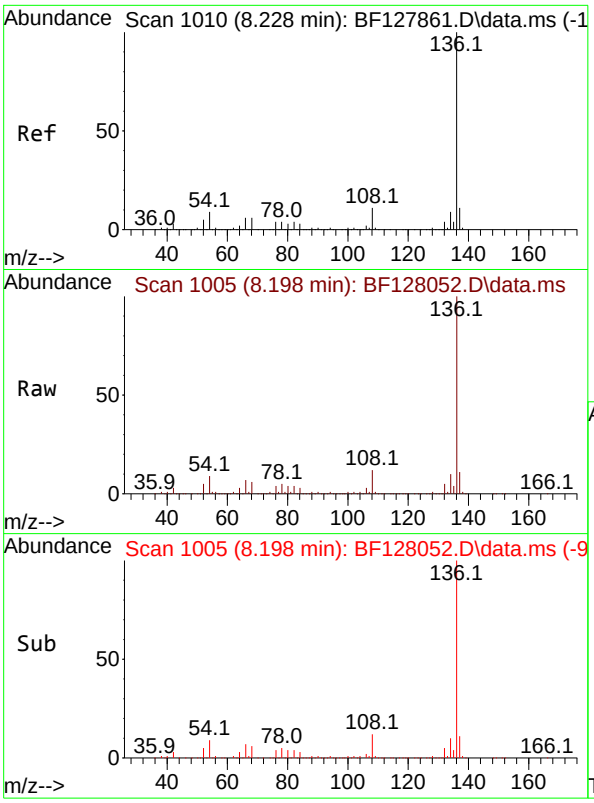


#18
Hexachloroethane
Concen: 2.722 ng
RT: 7.440 min Scan# 876
Delta R.T. 0.012 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

Tgt Ion:117 Resp: 8550

Ion	Ratio	Lower	Upper
117	100		
119	404.4	76.2	114.4#
201	0.0	84.4	126.6#



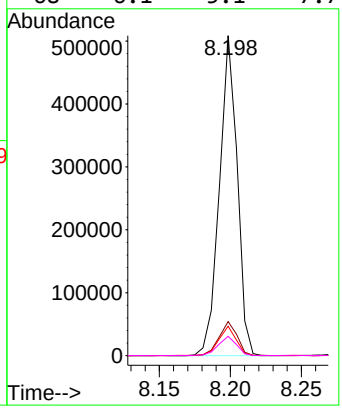


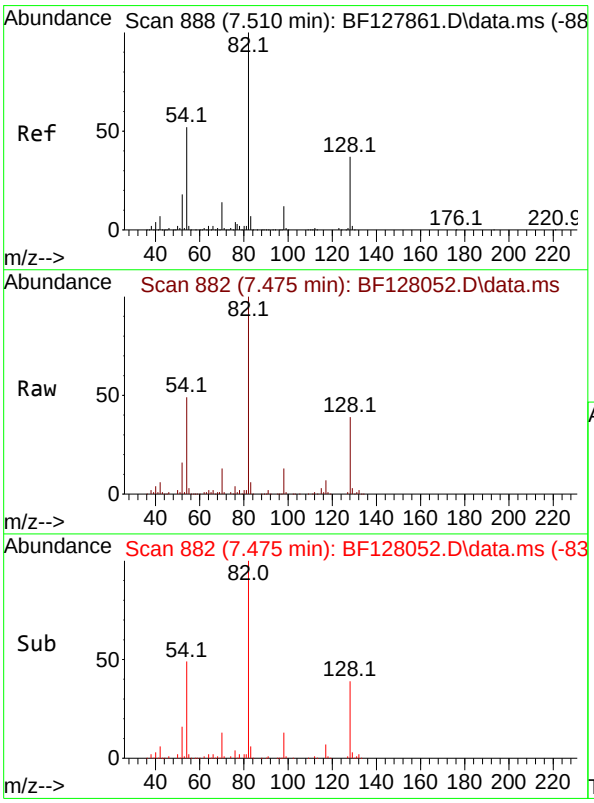
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

Instrument :
BNA_F
ClientSampleId :
JC-01-042822DL

Tgt Ion:136 Resp: 443728

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	9.2	6.8	10.2
68	6.1	5.1	7.7

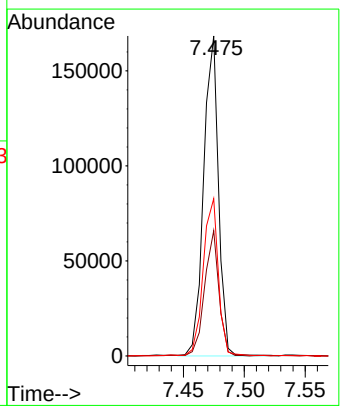


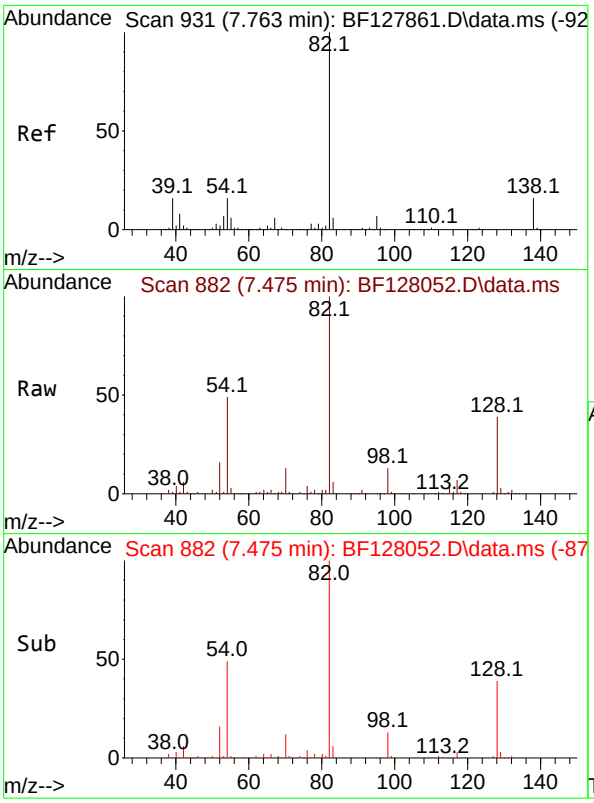


#23
Nitrobenzene-d5
Concen: 15.070 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

Tgt Ion: 82 Resp: 142204

Ion	Ratio	Lower	Upper
82	100		
128	39.2	30.0	45.0
54	49.1	41.3	61.9



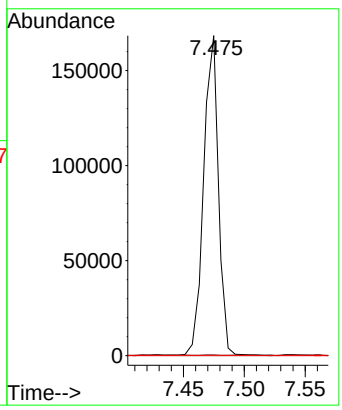


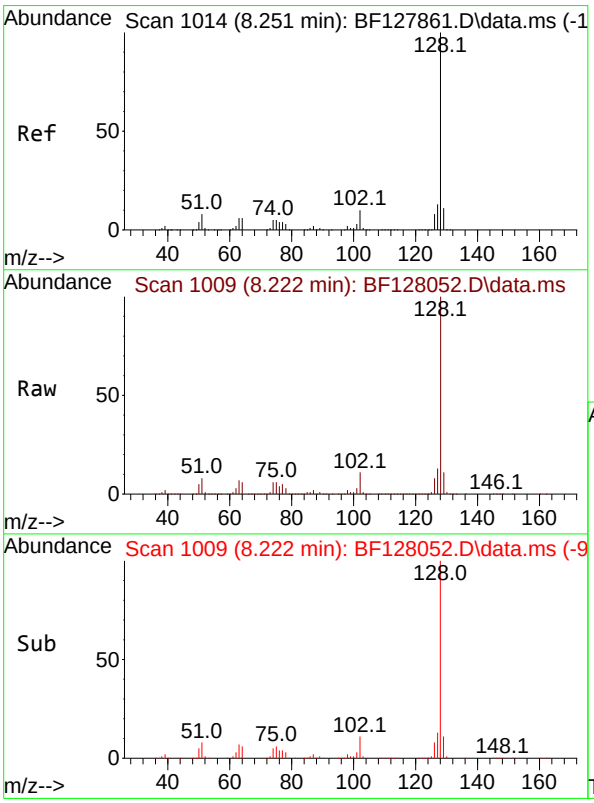
#25
Isophorone
Concen: 8.954 ng
RT: 7.475 min Scan# 8
Delta R.T. -0.265 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

Instrument :
BNA_F
ClientSampleId :
JC-01-042822DL

Tgt Ion: 82 Resp: 142204

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.6	8.4#
138	0.0	12.5	18.7#

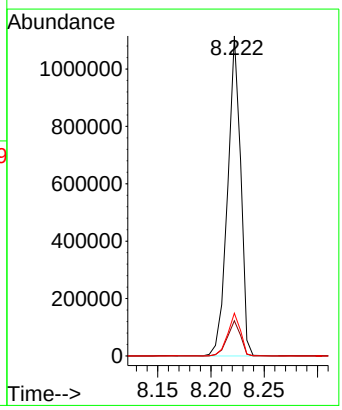


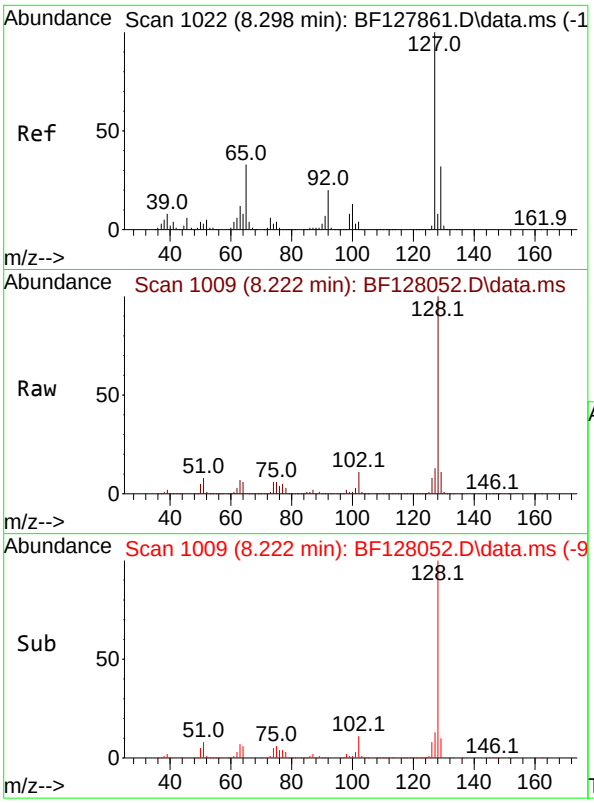


#31
Naphthalene
Concen: 41.740 ng
RT: 8.222 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

Tgt Ion:128 Resp: 943316

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.3	10.6	16.0



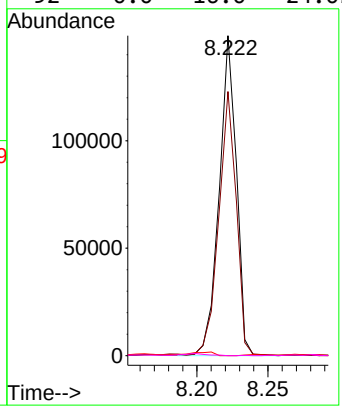


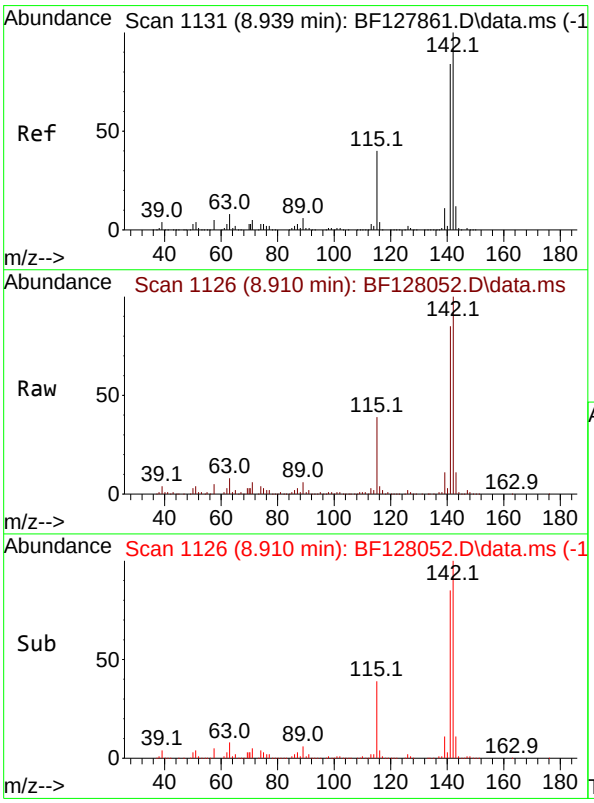
#33
4-Chloroaniline
Concen: 13.977 ng
RT: 8.222 min Scan# 1
Delta R.T. -0.053 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

Instrument :
BNA_F
ClientSampleId :
JC-01-042822DL

Tgt Ion:127 Resp: 124984

Ion	Ratio	Lower	Upper
127	100		
129	82.6	25.8	38.8#
65	0.0	26.7	40.1#
92	0.0	16.0	24.0#

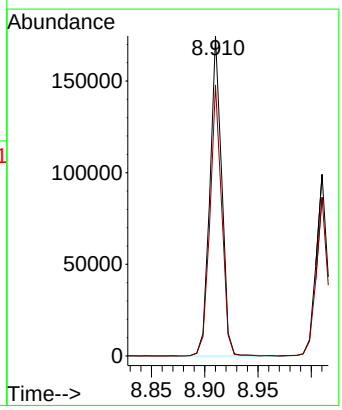


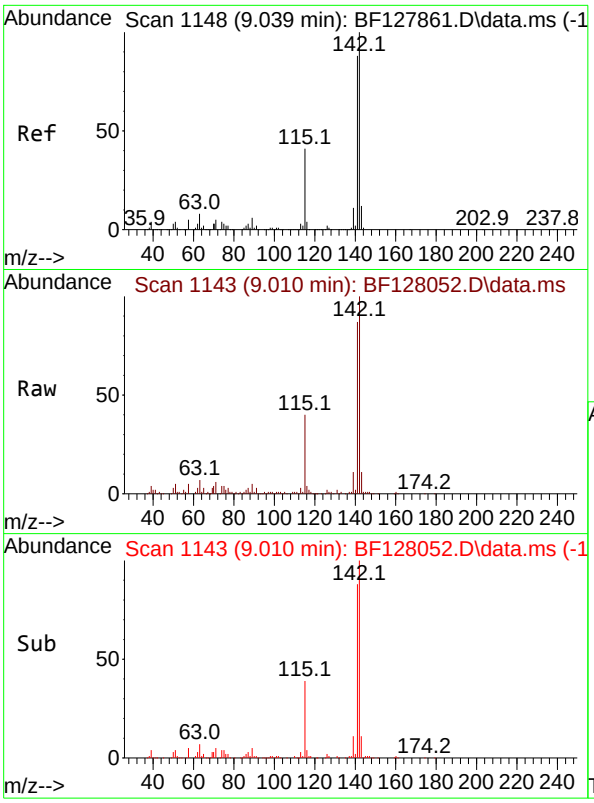


#37
2-Methylnaphthalene
Concen: 9.051 ng
RT: 8.910 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

Tgt Ion:142 Resp: 135186

Ion	Ratio	Lower	Upper
142	100		
141	84.7	67.4	101.2



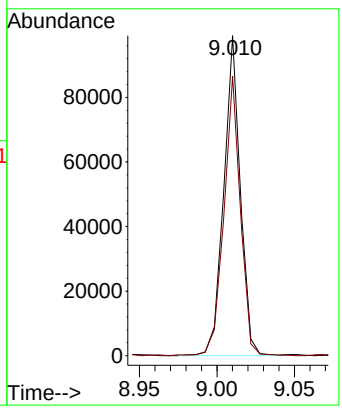


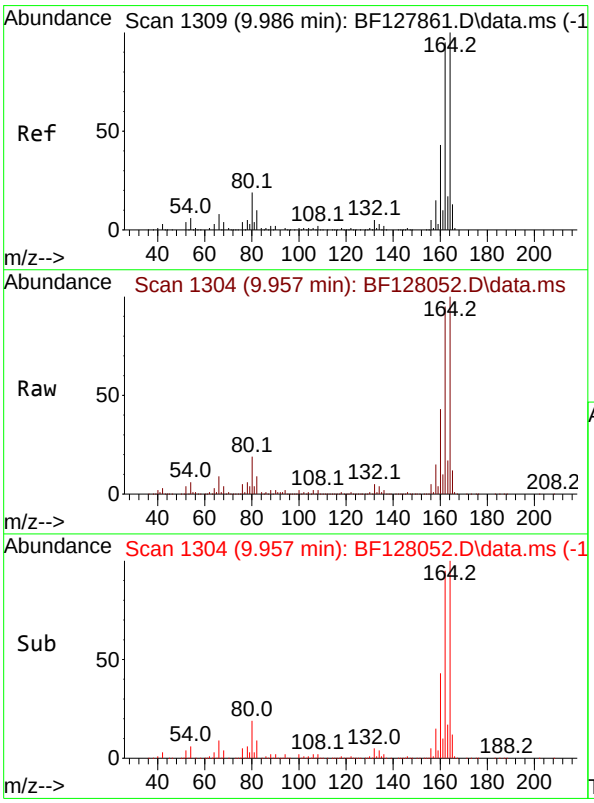
#38
1-Methylnaphthalene
Concen: 5.073 ng
RT: 9.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

Instrument :
BNA_F
ClientSampleId :
JC-01-042822DL

Tgt Ion:142 Resp: 73645

Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.1	105.1

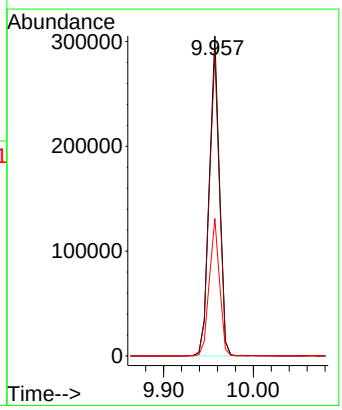


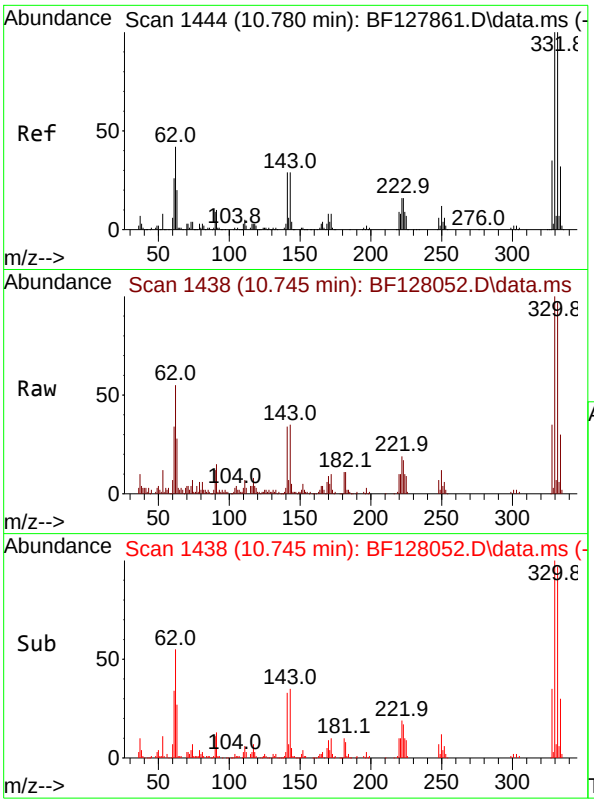


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

Tgt Ion:164 Resp: 241189

Ion	Ratio	Lower	Upper
164	100		
162	94.8	76.0	114.0
160	42.9	34.8	52.2



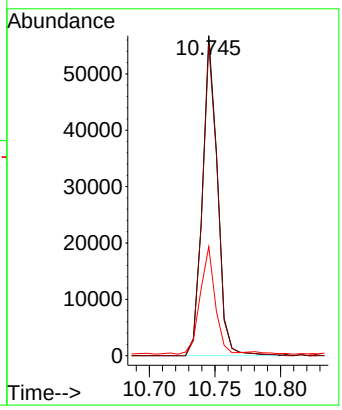


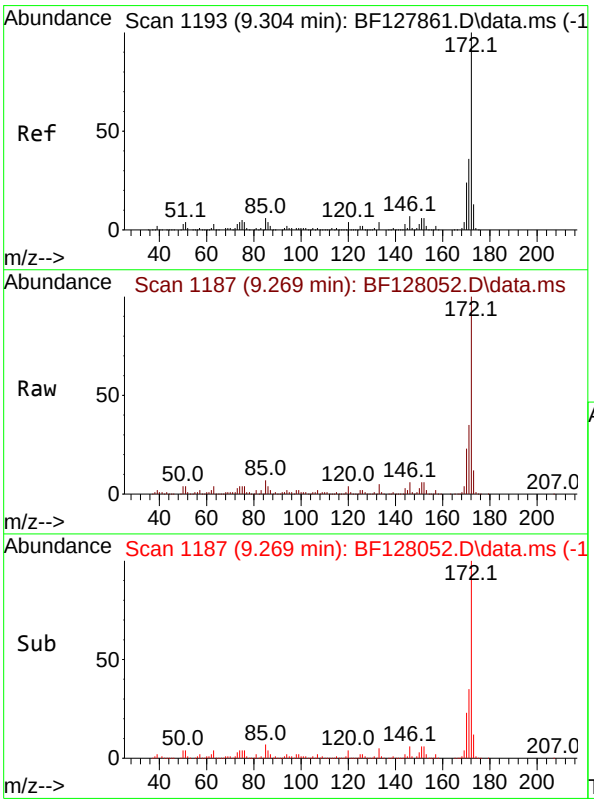
#42
2,4,6-Tribromophenol
Concen: 18.704 ng
RT: 10.745 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

Instrument :
BNA_F
ClientSampleId :
JC-01-042822DL

Tgt Ion:330 Resp: 45413

Ion	Ratio	Lower	Upper
330	100		
332	98.2	79.0	118.4
141	33.5	28.9	43.3

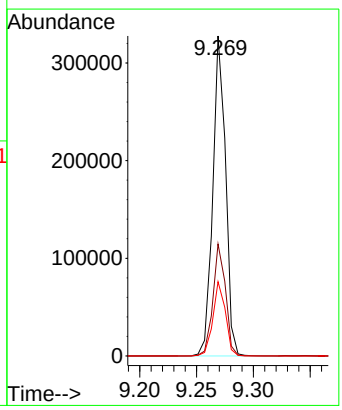


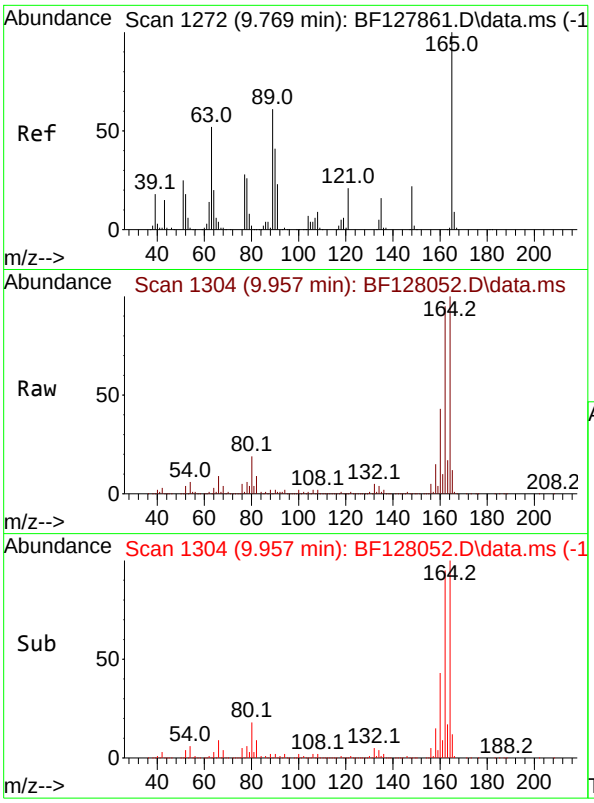


#45
2-Fluorobiphenyl
Concen: 17.970 ng
RT: 9.269 min Scan# 1187
Delta R.T. -0.012 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

Tgt Ion:172 Resp: 256200

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	42.8
170	23.2	19.1	28.7



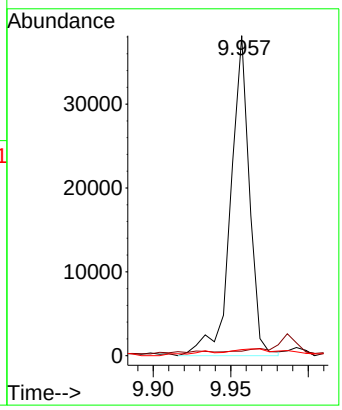


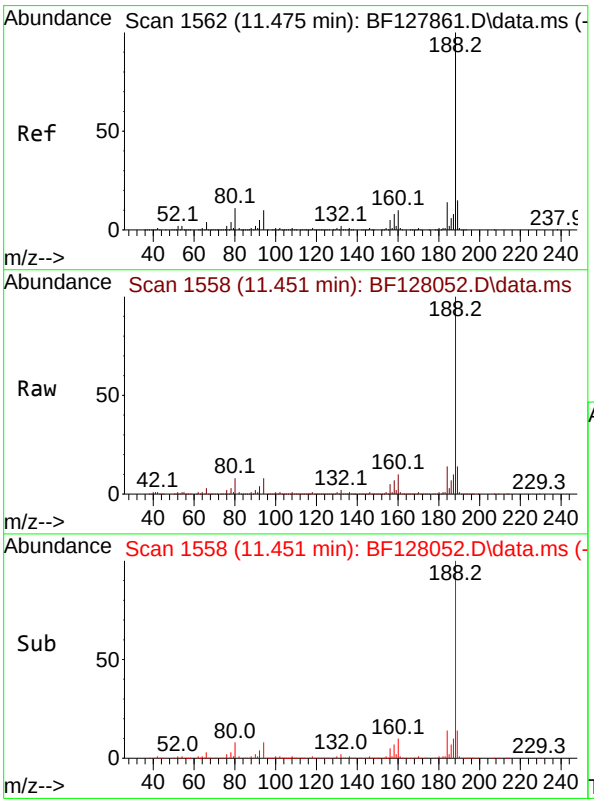
#51
2,6-Dinitrotoluene
Concen: 9.211 ng
RT: 9.957 min Scan# 1
Delta R.T. 0.206 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

Instrument :
BNA_F
ClientSampleId :
JC-01-042822DL

Tgt Ion:165 Resp: 32258

Ion	Ratio	Lower	Upper
165	100		
63	1.4	49.5	74.3#
89	1.9	49.0	73.4#

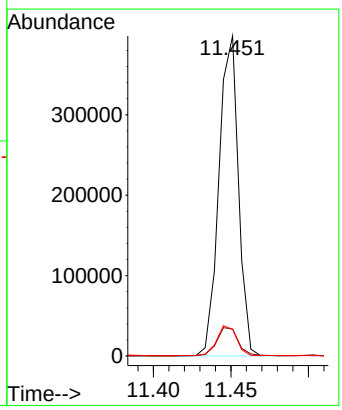


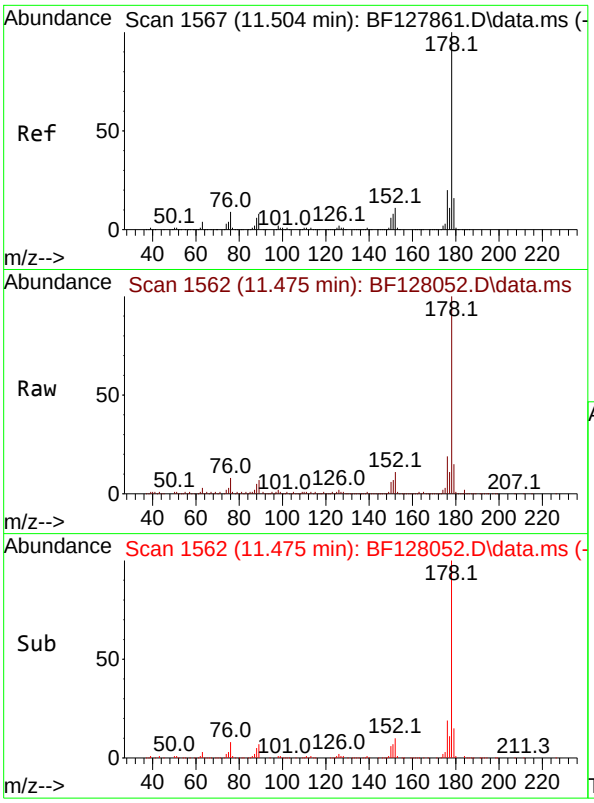


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1558
Delta R.T. -0.006 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

Tgt Ion:188 Resp: 348476

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.0	12.0
80	8.3	8.9	13.3#



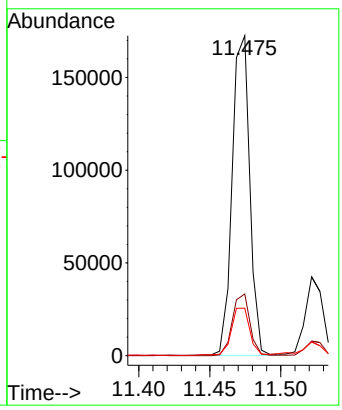


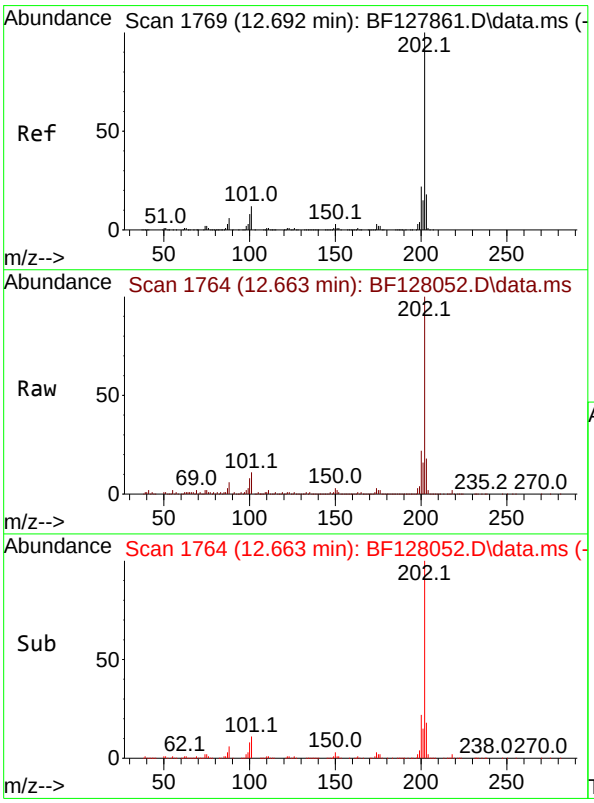
#71
Phenanthrene
Concen: 8.138 ng
RT: 11.475 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

Instrument :
BNA_F
ClientSampleId :
JC-01-042822DL

Tgt Ion:178 Resp: 148455

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	14.8	12.6	19.0

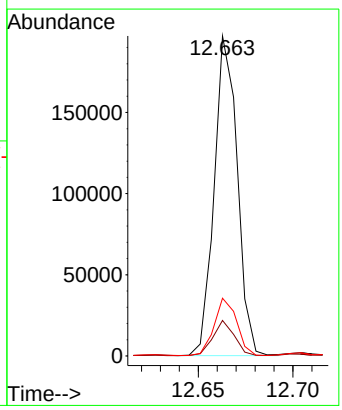


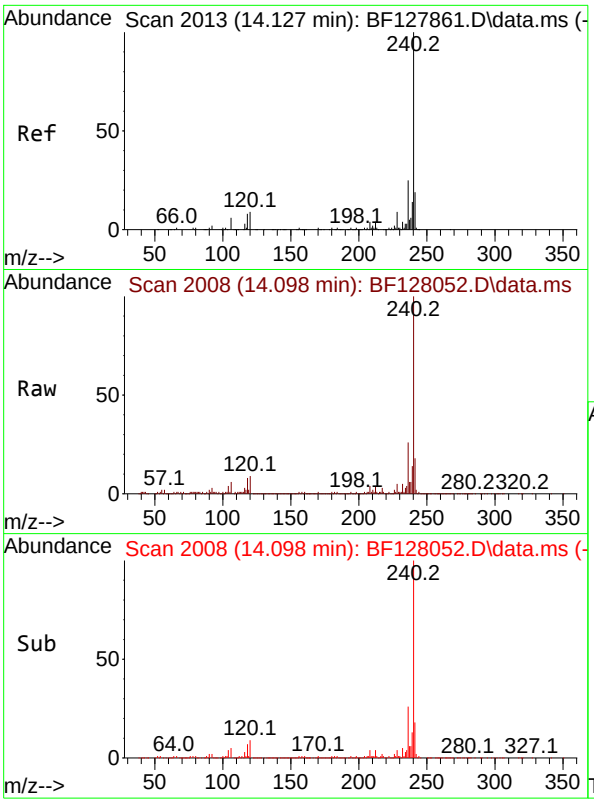


#75
Fluoranthene
Concen: 8.712 ng
RT: 12.663 min Scan# 1764
Delta R.T. -0.012 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

Tgt Ion:202 Resp: 167251

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.6
203	18.0	0.0	38.1



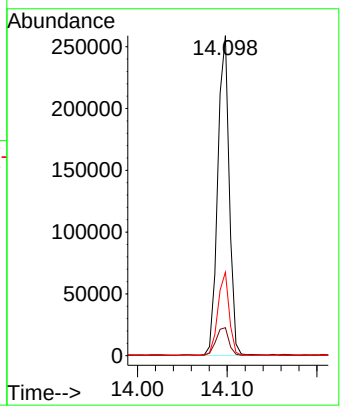


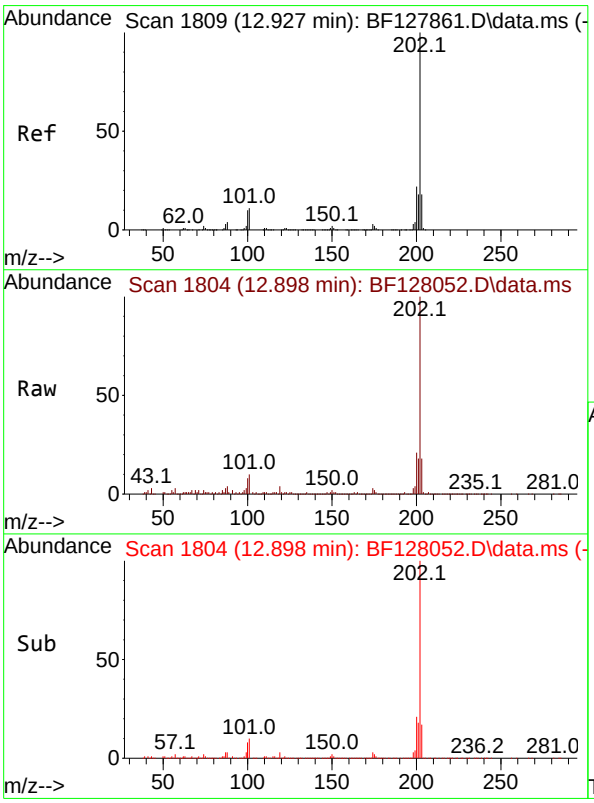
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

Instrument :
BNA_F
ClientSampleId :
JC-01-042822DL

Tgt Ion:240 Resp: 230397

Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.0	10.6
236	26.1	20.3	30.5

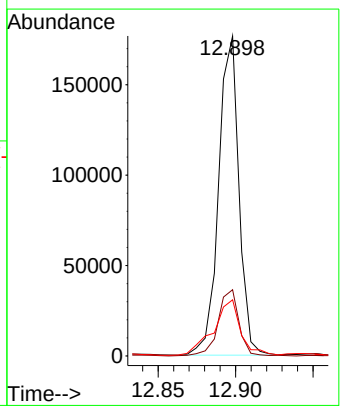


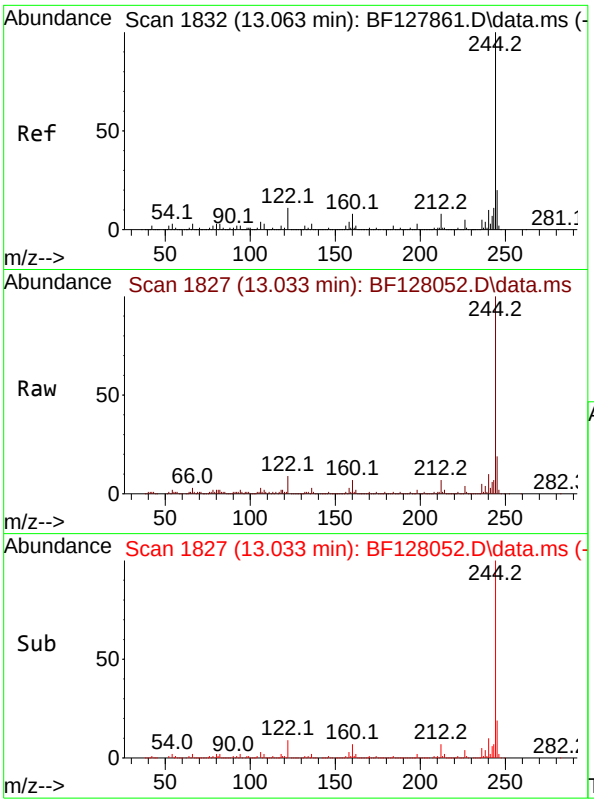


#78
Pyrene
Concen: 8.661 ng
RT: 12.898 min Scan# 1804
Delta R.T. -0.006 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

Tgt Ion:202 Resp: 161076

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.5	14.0	21.0



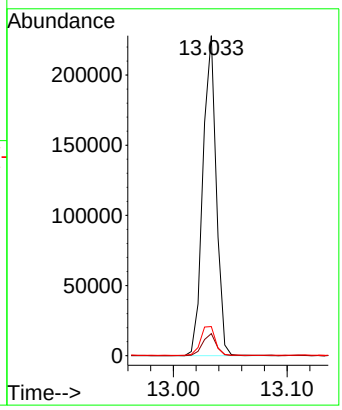


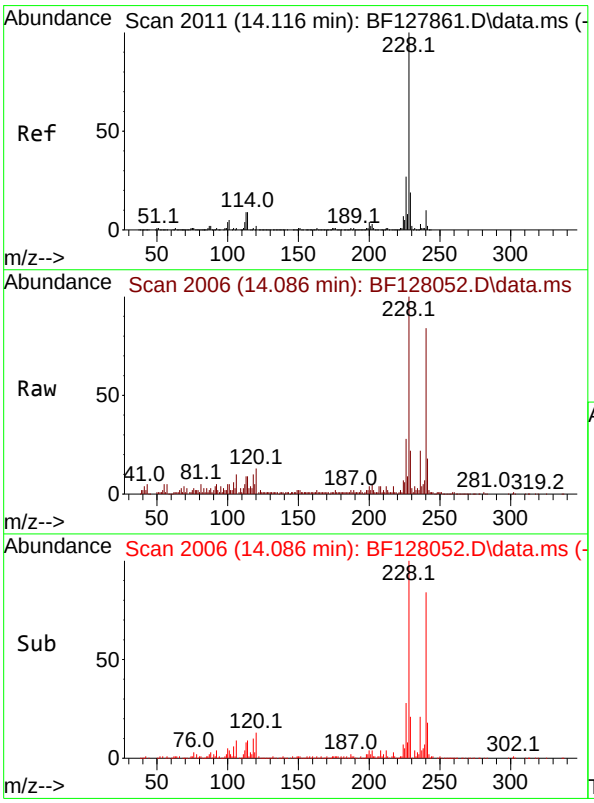
#79
Terphenyl-d14
Concen: 14.818 ng
RT: 13.033 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

Instrument :
BNA_F
ClientSampleId :
JC-01-042822DL

Tgt Ion:244 Resp: 186702

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.2	9.4
122	9.1	8.6	12.8

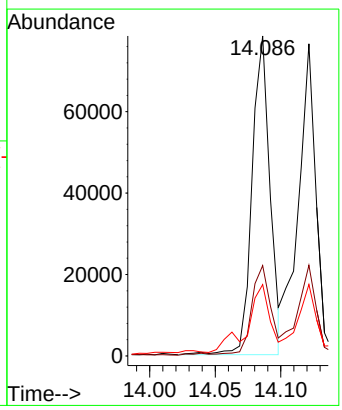


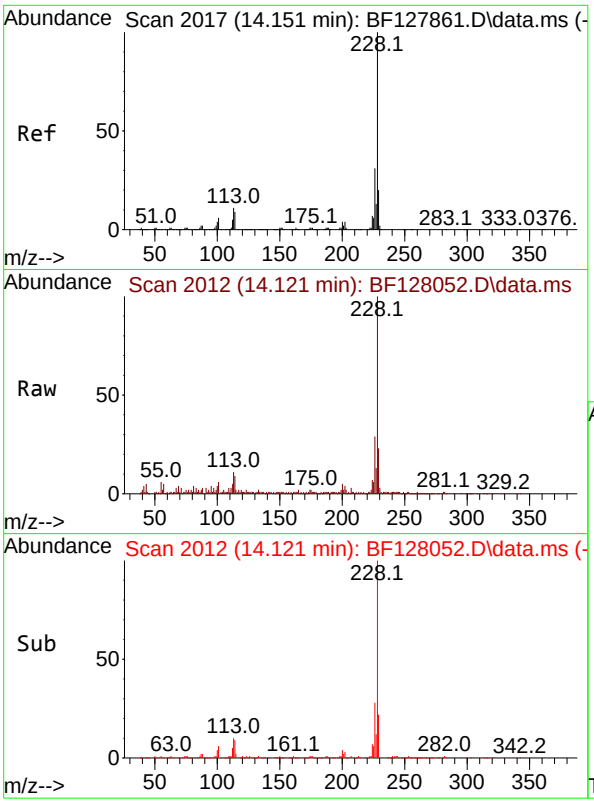


#81
Benzo(a)anthracene
Concen: 4.857 ng
RT: 14.086 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

Tgt Ion:228 Resp: 74586

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.7	32.5
229	22.3	15.4	23.2



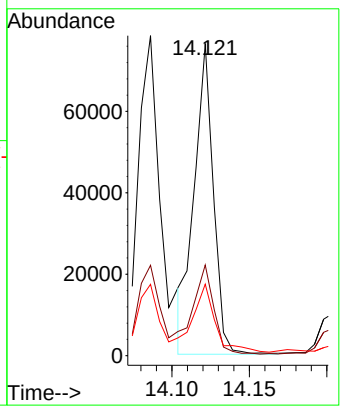


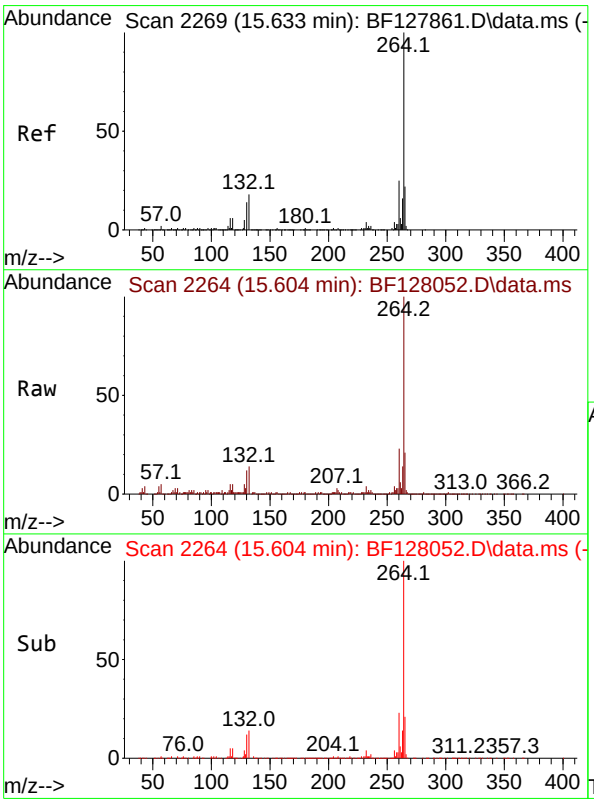
#83
Chrysene
Concen: 4.498 ng
RT: 14.121 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

Instrument :
BNA_F
ClientSampleId :
JC-01-042822DL

Tgt Ion:228 Resp: 65971

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.4	36.6
229	22.9	15.8	23.8

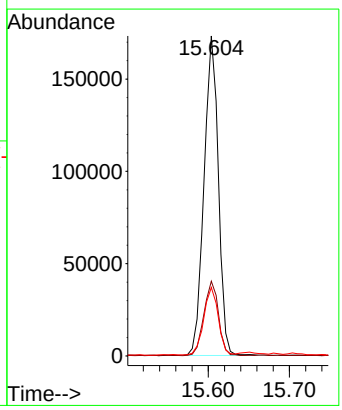


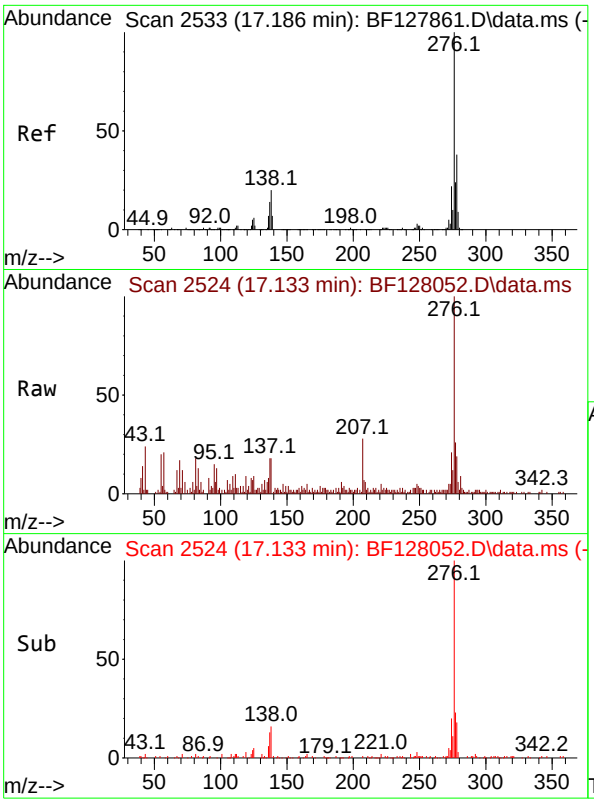


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.604 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

Tgt Ion:264 Resp: 211900

Ion	Ratio	Lower	Upper
264	100		
260	23.3	20.1	30.1
265	21.4	17.5	26.3



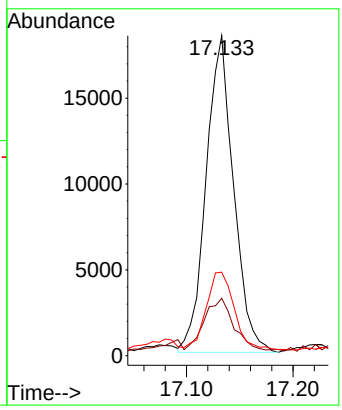


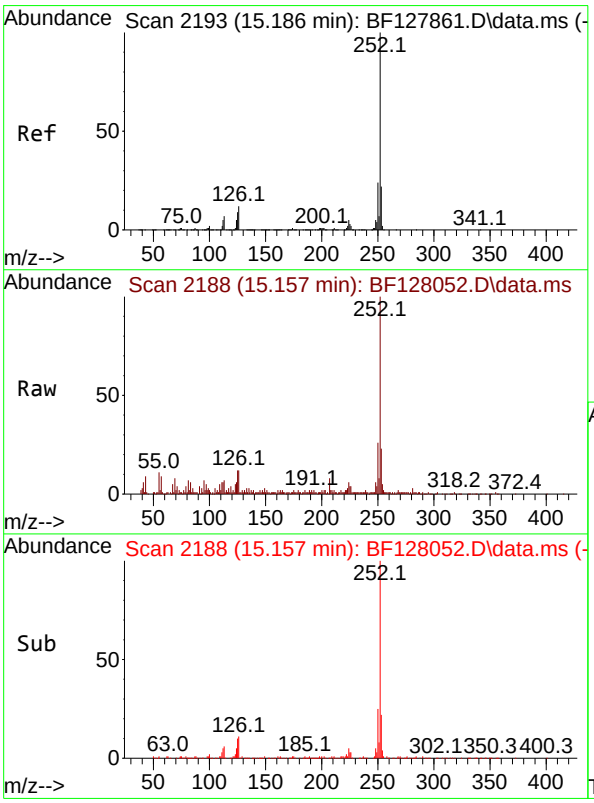
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.337 ng
RT: 17.133 min Scan# 2
Delta R.T. -0.029 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

Instrument :
BNA_F
ClientSampleId :
JC-01-042822DL

Tgt Ion:276 Resp: 33049

Ion	Ratio	Lower	Upper
276	100		
138	17.0	19.0	28.4#
277	25.0	20.1	30.1

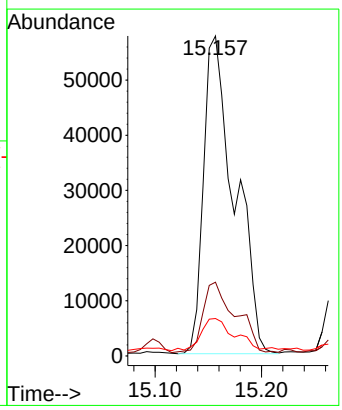


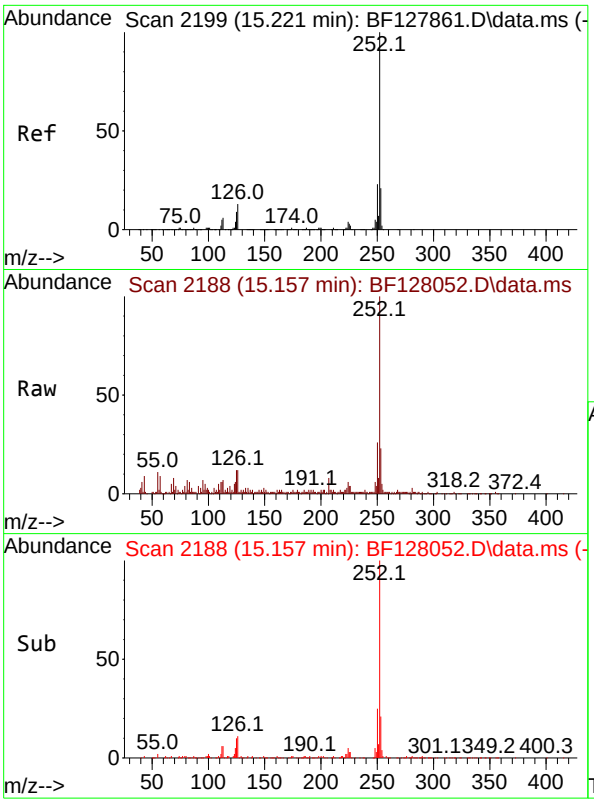


#88
Benzo(b)fluoranthene
Concen: 8.796 ng
RT: 15.157 min Scan# 2188
Delta R.T. -0.012 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

Tgt Ion:252 Resp: 117067

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.2
125	11.7	7.4	11.2#



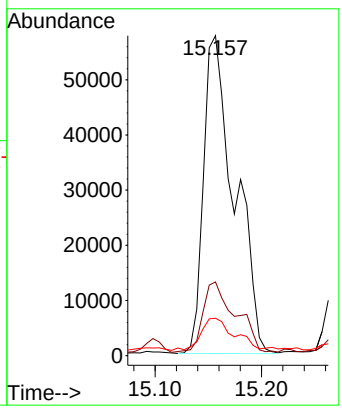


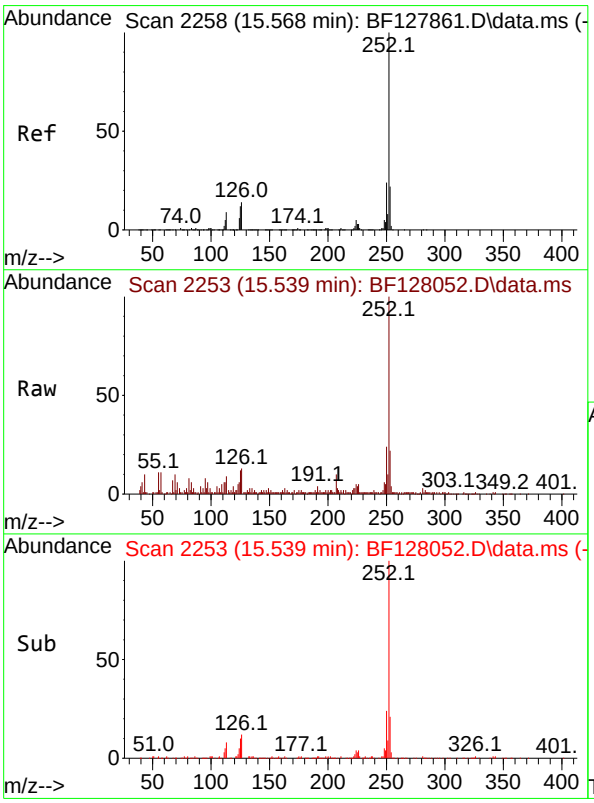
#89
Benzo(k)fluoranthene
Concen: 8.733 ng
RT: 15.157 min Scan# 21
Delta R.T. -0.041 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

Instrument :
BNA_F
ClientSampleId :
JC-01-042822DL

Tgt Ion:252 Resp: 117098

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.4
125	11.7	6.8	10.2#

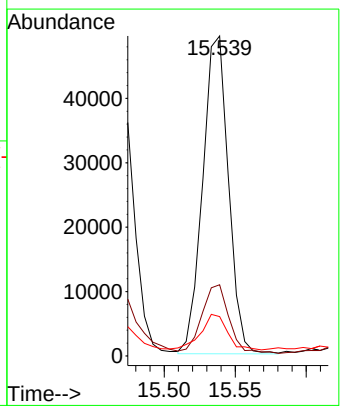


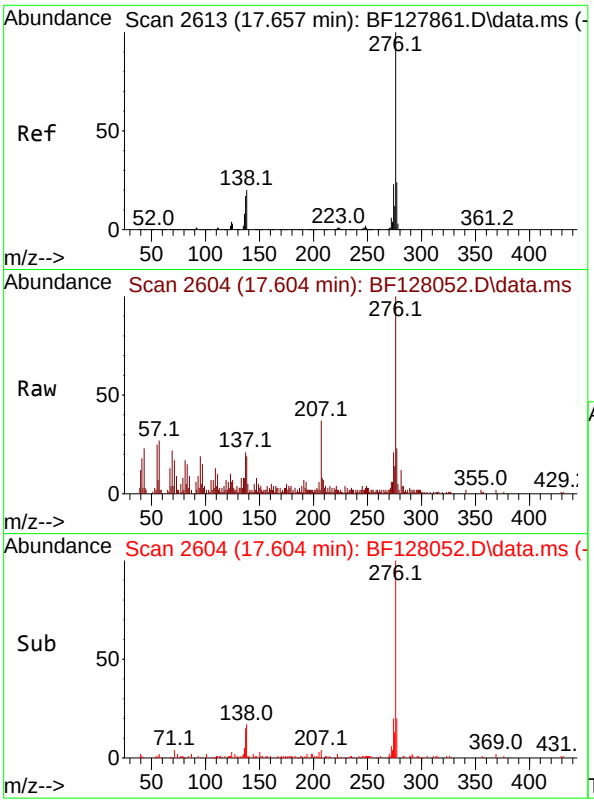


#90
Benzo(a)pyrene
Concen: 5.647 ng
RT: 15.539 min Scan# 2253
Delta R.T. -0.012 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

Tgt Ion:252 Resp: 62339

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	12.3	9.2	13.8





#92
Benzo(g,h,i)perylene
Concen: 2.583 ng
RT: 17.604 min Scan# 2
Delta R.T. -0.029 min
Lab File: BF128052.D
Acq: 03 May 2022 18:15

Instrument :
BNA_F
ClientSampleId :
JC-01-042822DL

Tgt Ion:276 Resp: 30880

Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.8	28.2
138	18.9	16.2	24.2