Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
Data File : BF126265.D
Acq On : 18 Dec 2021 20:54
Operator : JU/CG
Sample : M5168-03 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 20 08:04:27 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	216946	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	915274	20.000	ng		# 0.00
39) Acenaphthene-d10	9.851	164	412174	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	591051	20.000	ng		# 0.00
76) Chrysene-d12	13.974	240	332364	20.000	ng		# 0.00
86) Perylene-d12	15.421	264	318773	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	6680	0.453	ng		-0.01
7) Phenol-d6	6.428	99	65387	3.496	ng		-0.02
23) Nitrobenzene-d5	7.369	82	90692	5.366	ng		-0.01
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng		
45) 2-Fluorobiphenyl	9.175	172	160006	6.809	ng		0.00
79) Terphenyl-d14	12.921	244	108824	5.691	ng		0.00
Target Compounds							Qvalue
38) 1-Methylnaphthalene	8.910	142	60391	2.361	ng		94
51) 2,6-Dinitrotoluene	9.851	165	59430	10.516	ng	#	28
52) Acenaphthene	9.886	154	116828	5.142	ng		99
58) Fluorene	10.398	166	108925	4.864	ng		97
71) Phenanthrene	11.369	178	1918607	62.893	ng		96
72) Anthracene	11.410	178	367579	12.005	ng		99
75) Fluoranthene	12.551	202	1063605	38.697	ng		91
78) Pyrene	12.780	202	1512462	49.532	ng		95
81) Benzo(a)anthracene	13.963	228	539657	27.411	ng		98
83) Chrysene	13.998	228	495440	24.221	ng		100
87) Indeno(1,2,3-cd)pyrene	16.839	276	114109	5.367	ng		97
88) Benzo(b)fluoranthene	15.004	252	479492	25.034	ng	#	92
89) Benzo(k)fluoranthene	15.004	252	479492	26.169	ng	#	91
90) Benzo(a)pyrene	15.357	252	283388	17.802	ng	#	95
91) Dibenzo(a,h)anthracene	16.668	278	45779	2.649	ng		98
92) Benzo(g,h,i)perylene	17.268	276	106139	5.935	ng	#	90

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

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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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Quant Time: Dec 20 08:04:27 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
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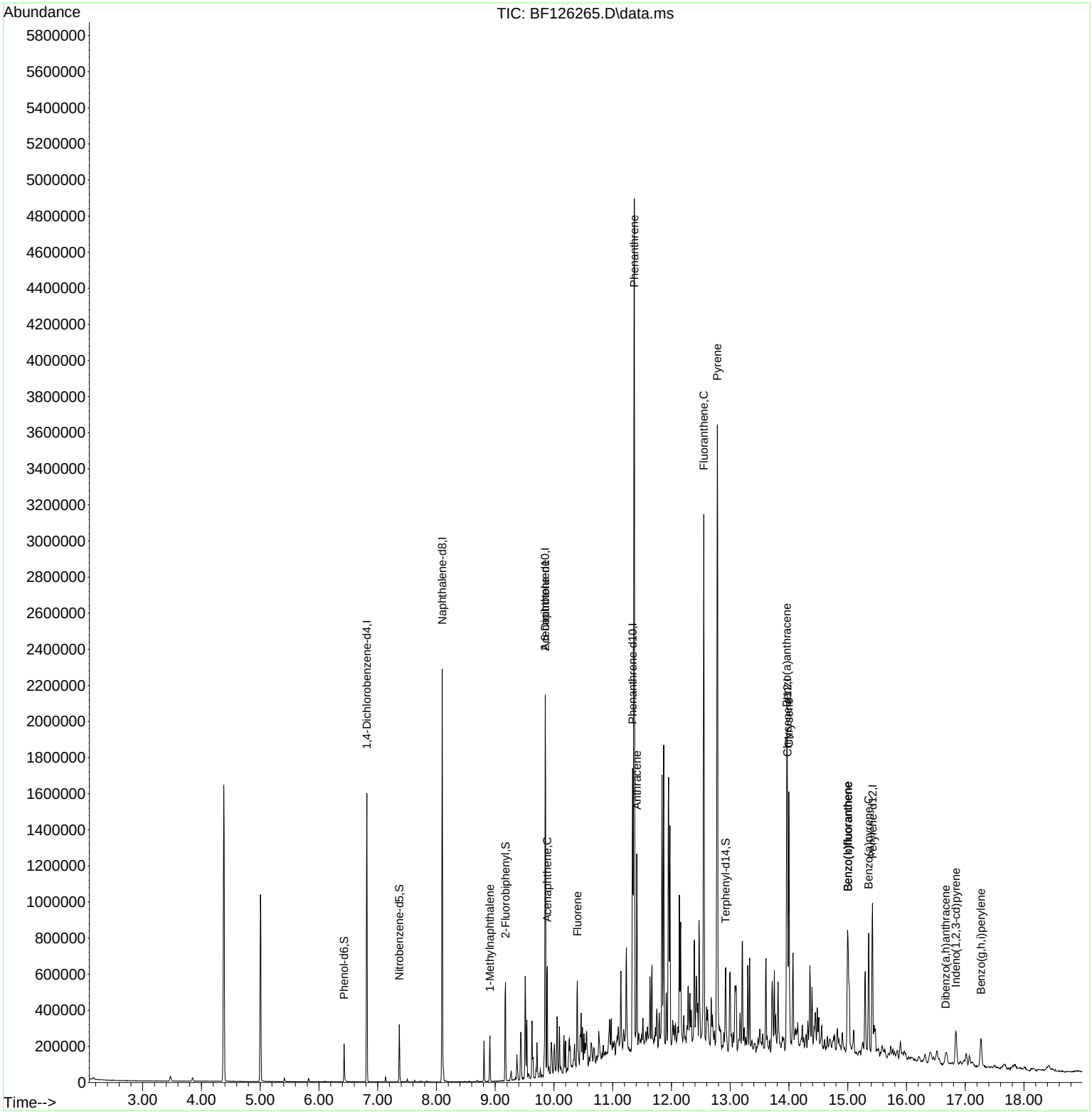
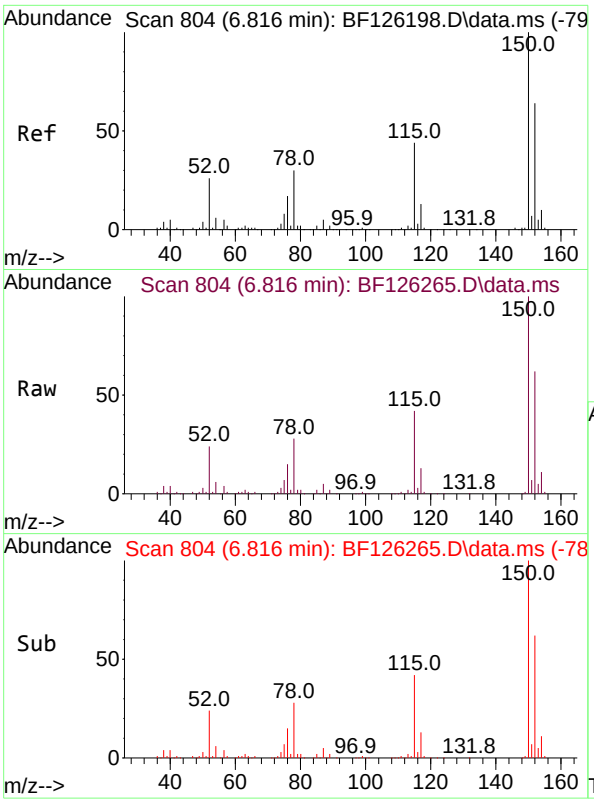


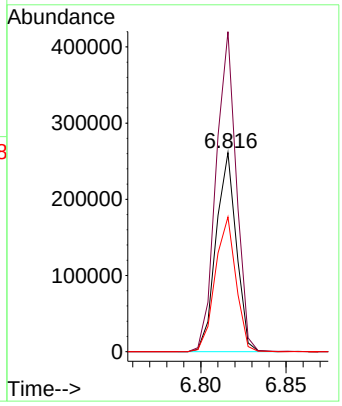


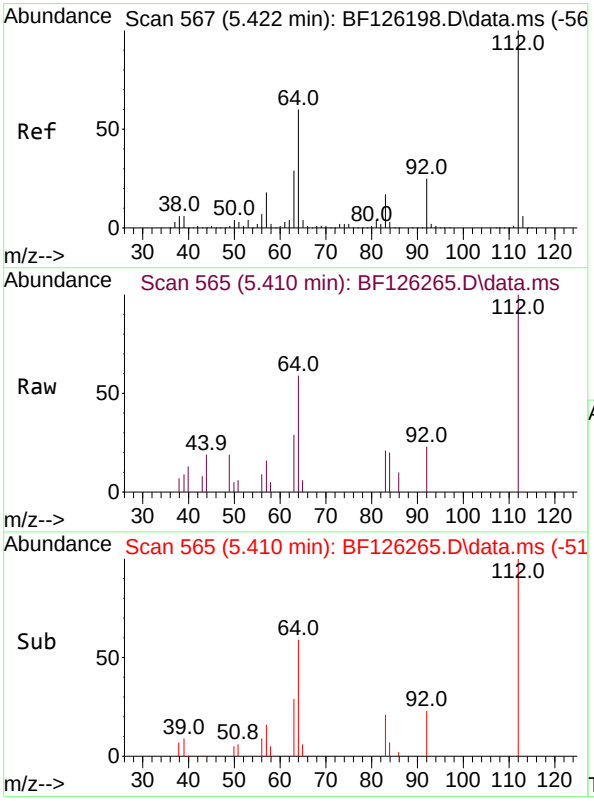
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF126265.D
Acq: 18 Dec 2021 20:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 216946

Ion	Ratio	Lower	Upper
152	100		
150	160.7	117.6	176.4
115	67.7	47.1	70.7

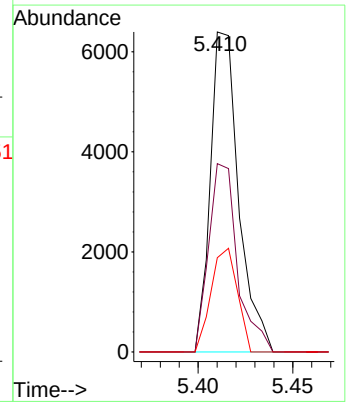


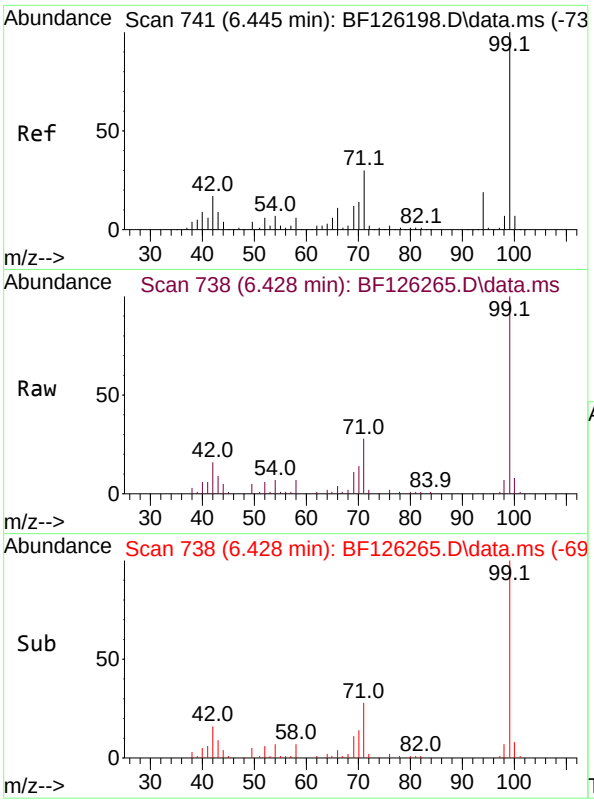


#5
2-Fluorophenol
Concen: 0.453 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.012 min
Lab File: BF126265.D
Acq: 18 Dec 2021 20:54

Tgt Ion:112 Resp: 6680

Ion	Ratio	Lower	Upper
112	100		
64	58.9	44.2	66.2
63	29.5	26.2	39.2



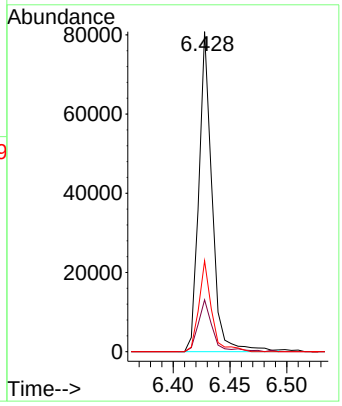


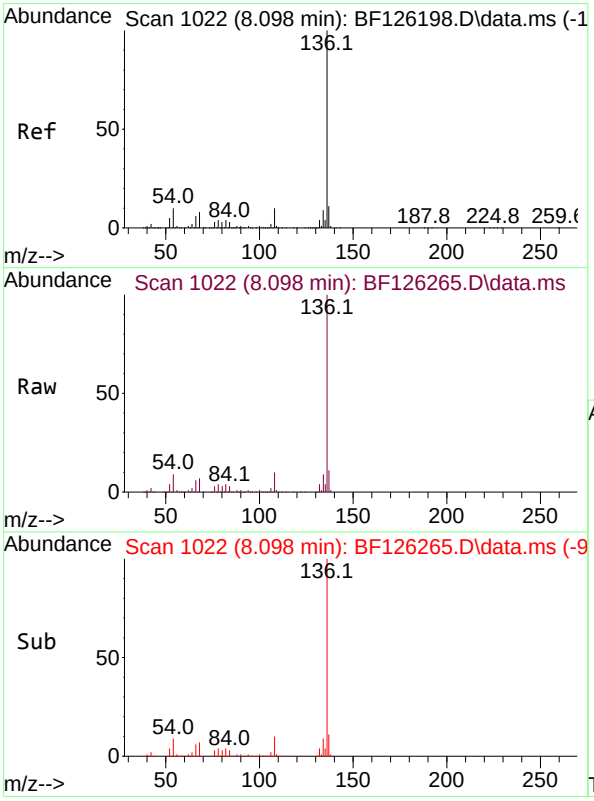
#7
Phenol-d6
Concen: 3.496 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF126265.D
Acq: 18 Dec 2021 20:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 65387

Ion	Ratio	Lower	Upper
99	100		
42	16.2	23.5	35.3#
71	28.4	25.6	38.4

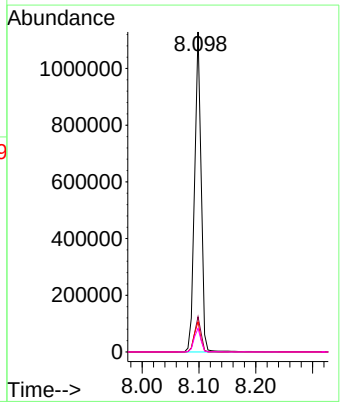


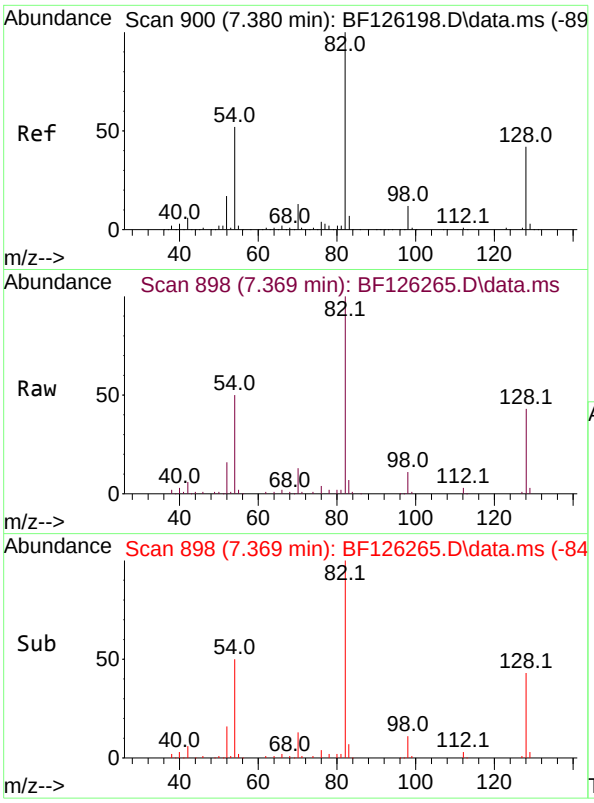


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126265.D
Acq: 18 Dec 2021 20:54

Tgt Ion:136 Resp: 915274

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.6
54	9.4	6.4	9.6
68	7.4	3.3	4.9#



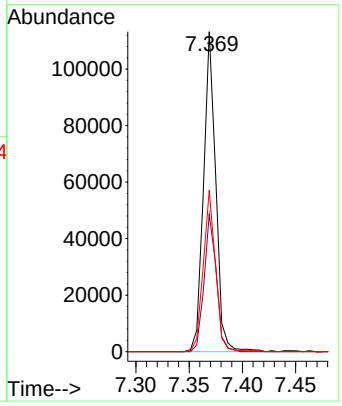


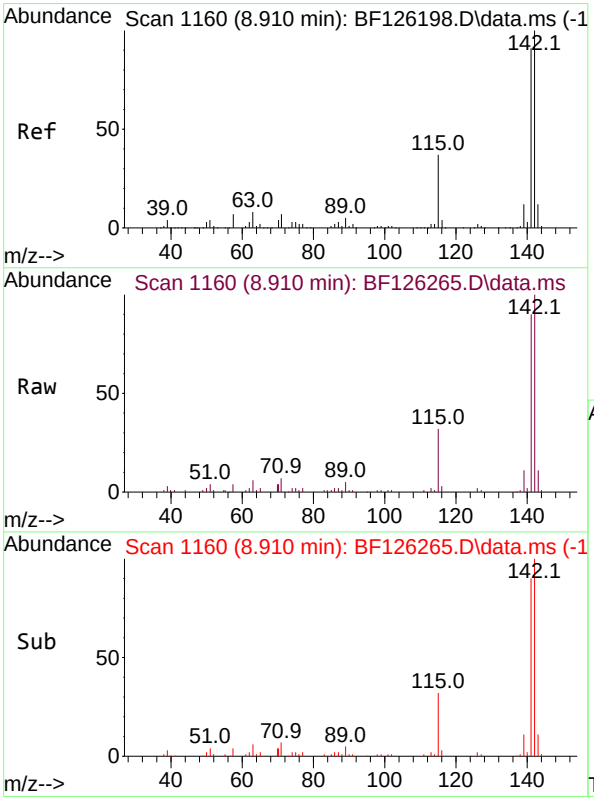
#23
Nitrobenzene-d5
Concen: 5.366 ng
RT: 7.369 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF126265.D
Acq: 18 Dec 2021 20:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 90692

Ion	Ratio	Lower	Upper
82	100		
128	42.9	40.6	60.8
54	50.4	49.6	74.4

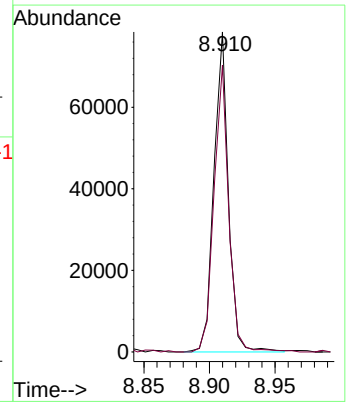


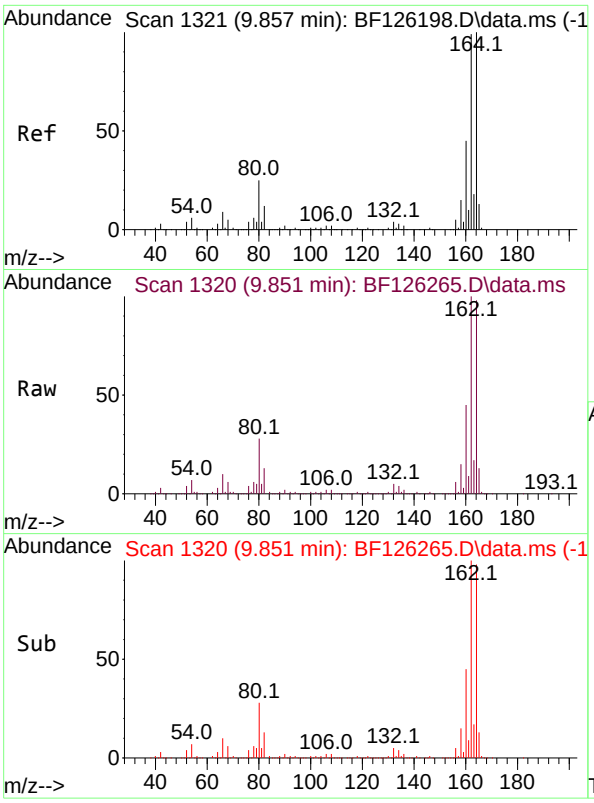


#38
1-Methylnaphthalene
Concen: 2.361 ng
RT: 8.910 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF126265.D
Acq: 18 Dec 2021 20:54

Tgt Ion:142 Resp: 60391

Ion	Ratio	Lower	Upper
142	100		
141	89.6	76.0	114.0



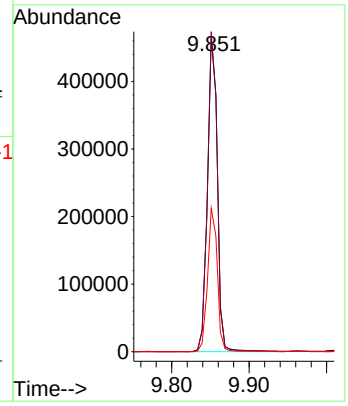


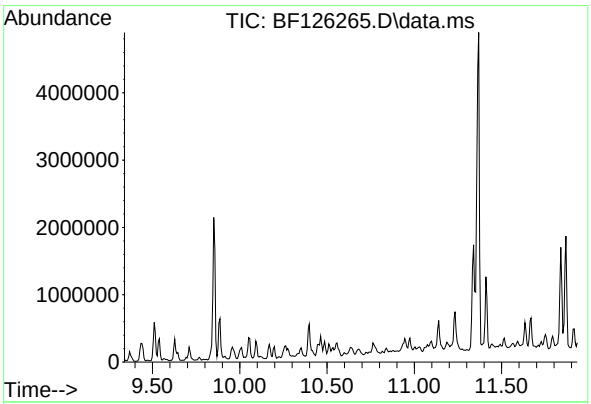
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126265.D
Acq: 18 Dec 2021 20:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 412174

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.3	121.9
160	45.6	38.0	57.0



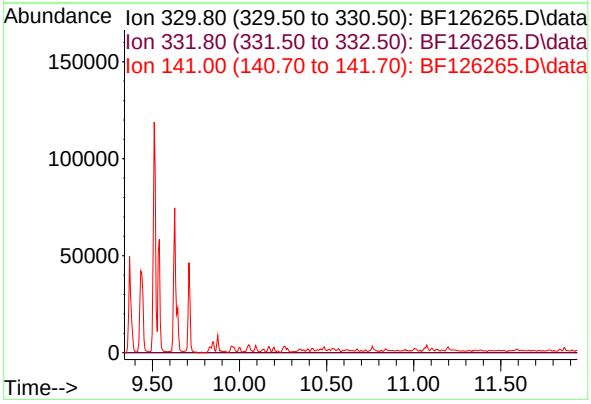


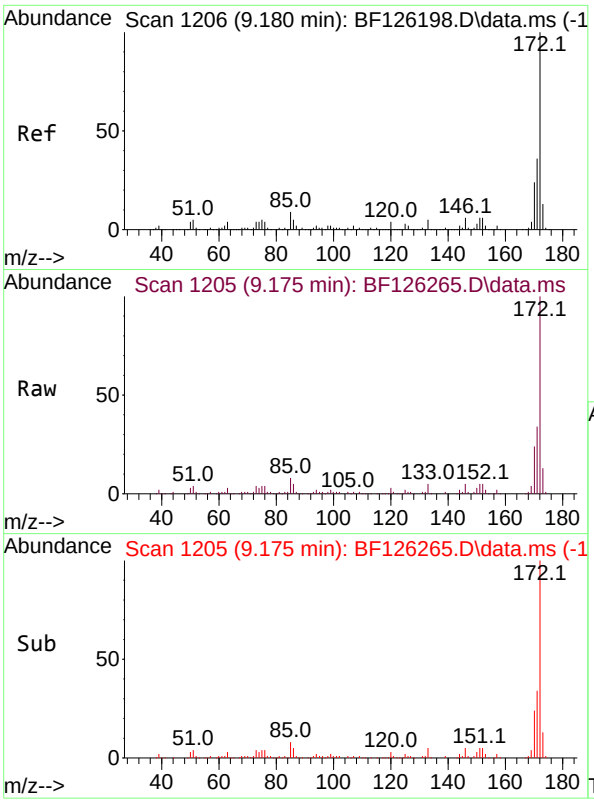
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.64 min

Lab File: BF126265.D
Acq: 18 Dec 2021 20:54

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	95.3
141	55.7



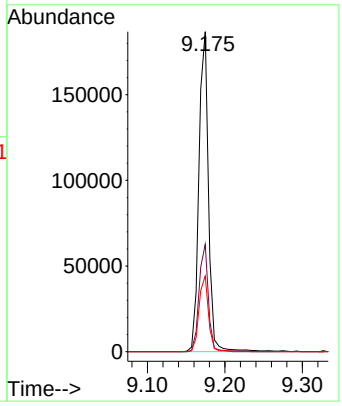


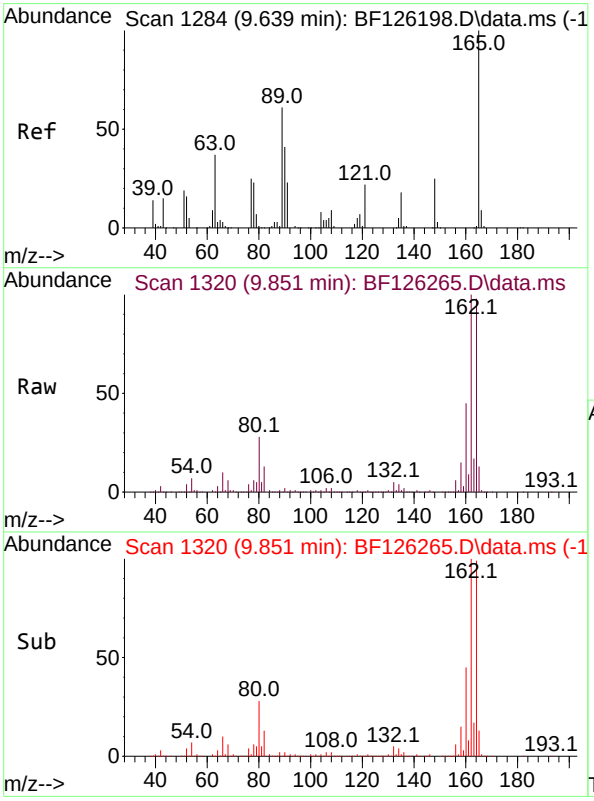
#45
2-Fluorobiphenyl
Concen: 6.809 ng
RT: 9.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126265.D
Acq: 18 Dec 2021 20:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 160006

Ion	Ratio	Lower	Upper
172	100		
171	33.6	26.5	39.7
170	23.7	18.8	28.2

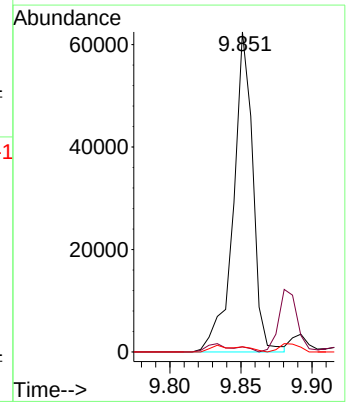


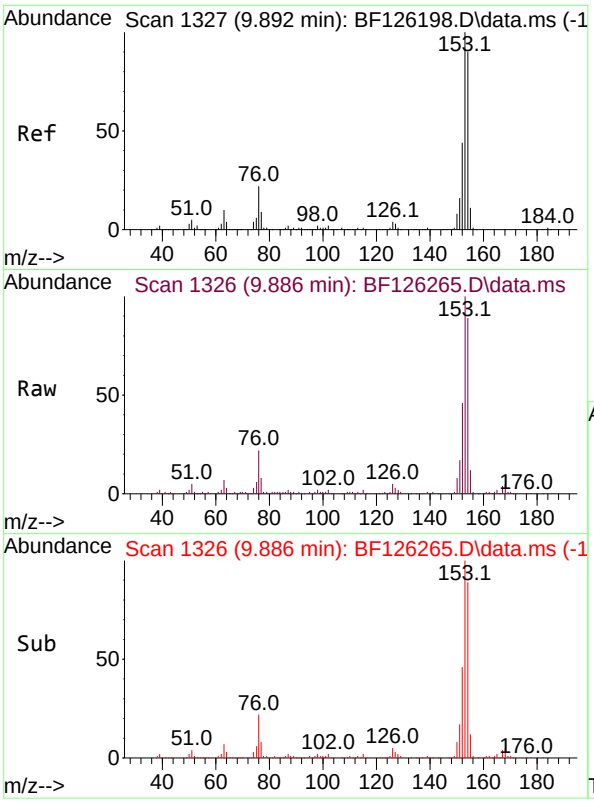


#51
2,6-Dinitrotoluene
Concen: 10.516 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.212 min
Lab File: BF126265.D
Acq: 18 Dec 2021 20:54

Tgt Ion:165 Resp: 59430

Ion	Ratio	Lower	Upper
165	100		
63	1.6	42.6	63.8#
89	1.6	40.6	60.8#



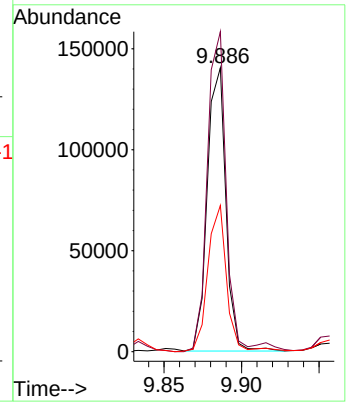


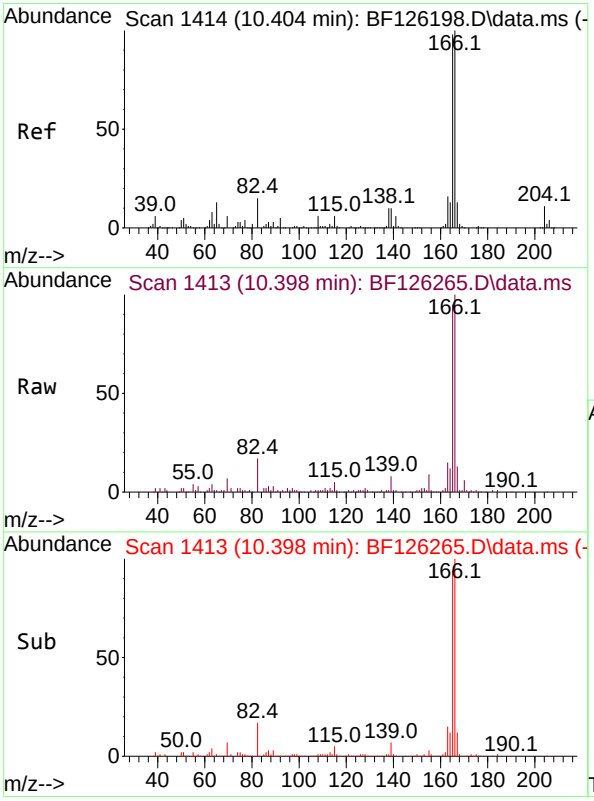
#52
Acenaphthene
Concen: 5.142 ng
RT: 9.886 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126265.D
Acq: 18 Dec 2021 20:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 116828

Ion	Ratio	Lower	Upper
154	100		
153	112.8	89.4	134.2
152	51.5	40.5	60.7

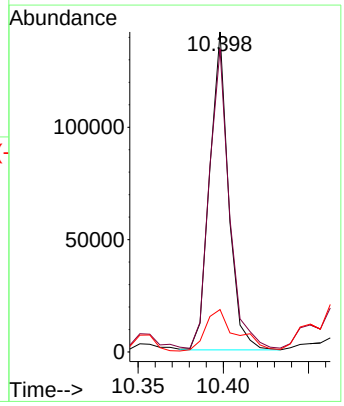


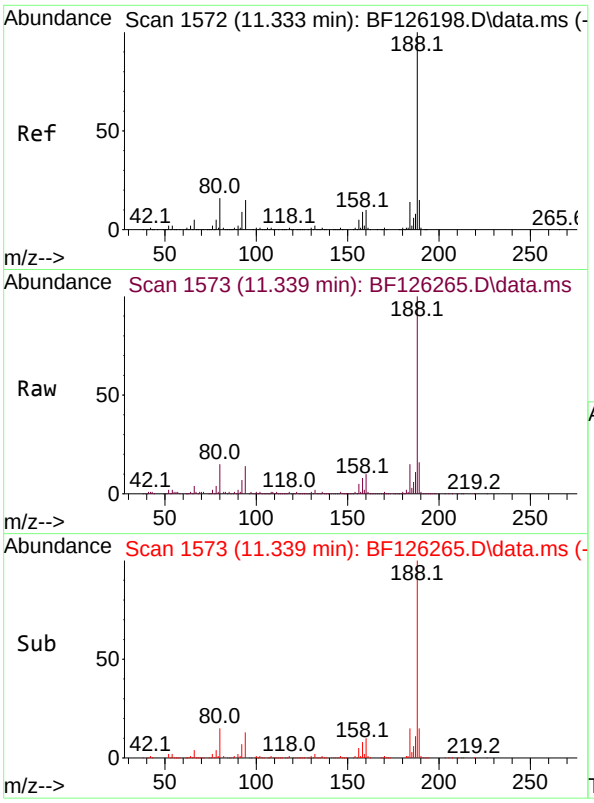


#58
Fluorene
Concen: 4.864 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF126265.D
Acq: 18 Dec 2021 20:54

Tgt Ion:166 Resp: 108925

Ion	Ratio	Lower	Upper
166	100		
165	94.7	78.1	117.1
167	13.3	11.1	16.7



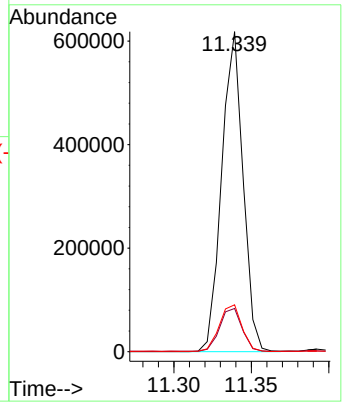


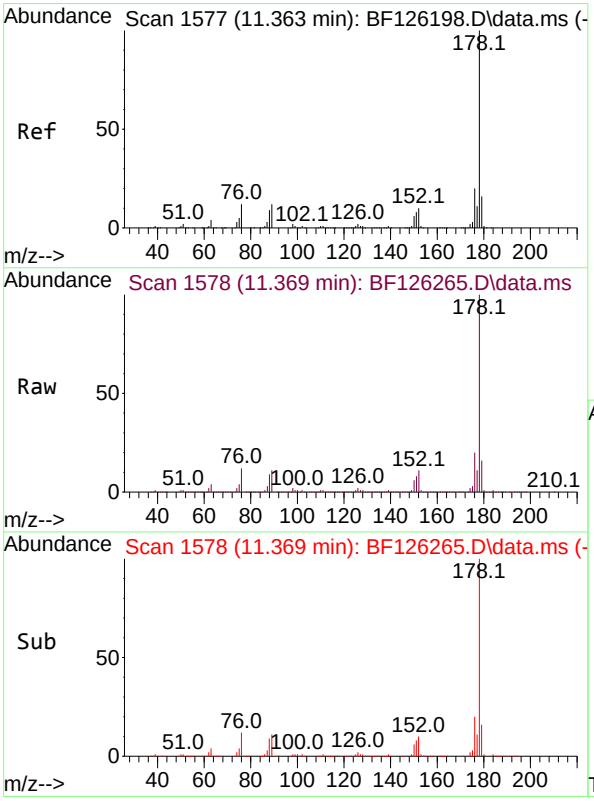
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF126265.D
Acq: 18 Dec 2021 20:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 591051

Ion	Ratio	Lower	Upper
188	100		
94	13.5	6.7	10.1#
80	14.7	7.5	11.3#

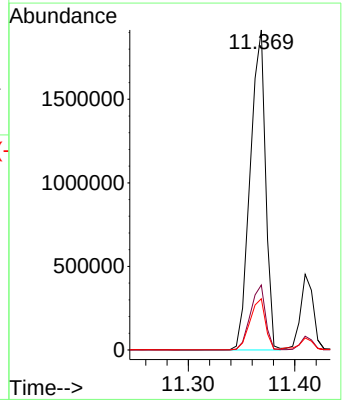


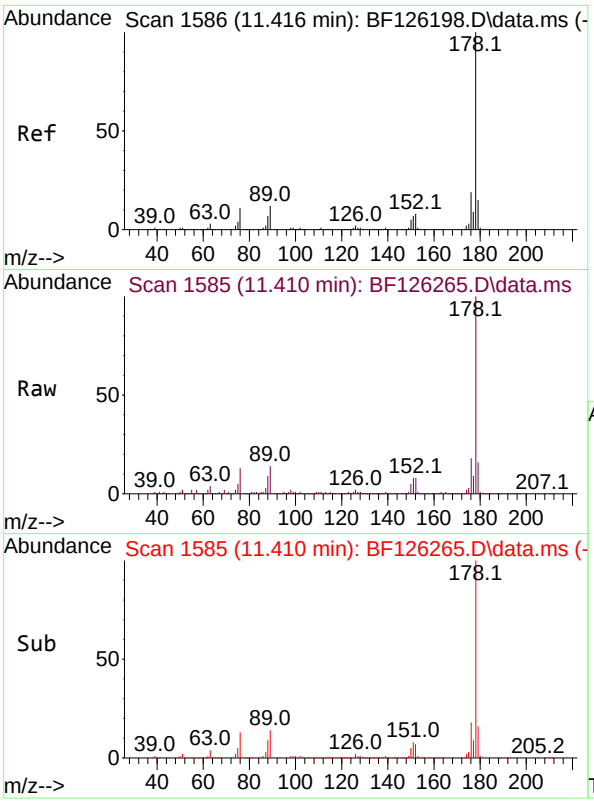


#71
Phenanthrene
Concen: 62.893 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.006 min
Lab File: BF126265.D
Acq: 18 Dec 2021 20:54

Tgt Ion:178 Resp: 1918607

Ion	Ratio	Lower	Upper
178	100		
176	20.3	14.7	22.1
179	16.0	11.5	17.3



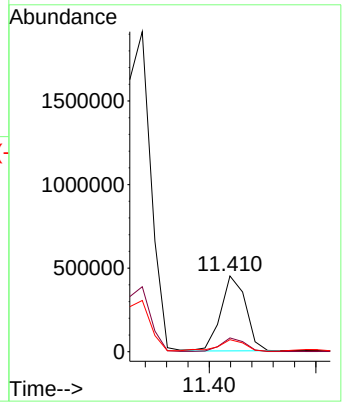


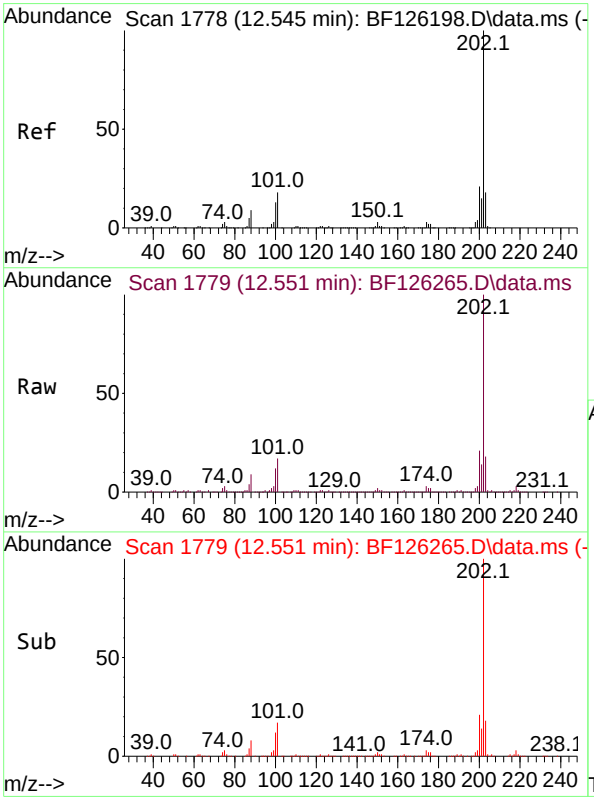
#72
Anthracene
Concen: 12.005 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126265.D
Acq: 18 Dec 2021 20:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 367579

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.3	21.5
179	15.9	12.2	18.4

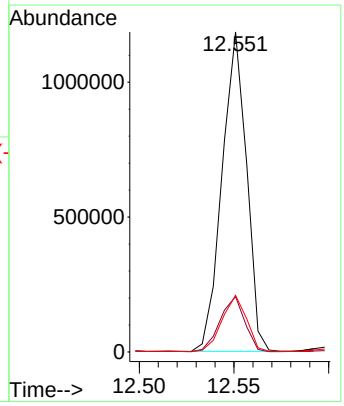


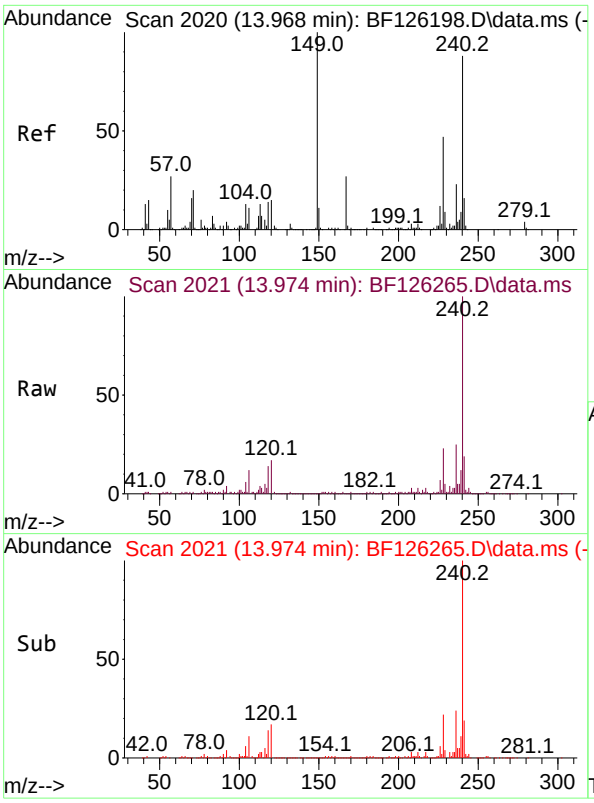


#75
Fluoranthene
Concen: 38.697 ng
RT: 12.551 min Scan# 1779
Delta R.T. 0.006 min
Lab File: BF126265.D
Acq: 18 Dec 2021 20:54

Tgt Ion:202 Resp: 1063605

Ion	Ratio	Lower	Upper
202	100		
101	17.3	0.0	30.7
203	17.7	0.0	36.3



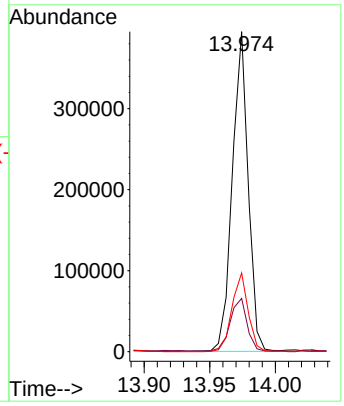


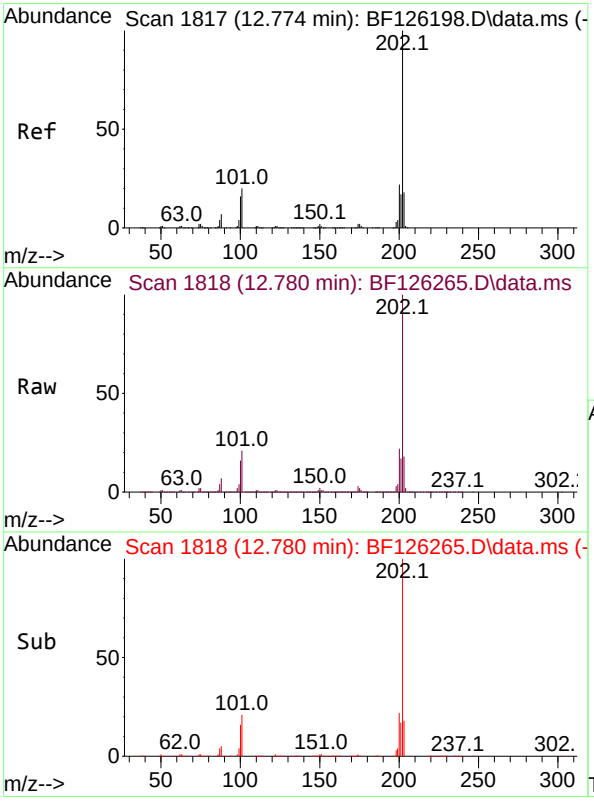
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF126265.D
Acq: 18 Dec 2021 20:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 332364

Ion	Ratio	Lower	Upper
240	100		
120	16.6	10.8	16.2#
236	24.6	21.6	32.4

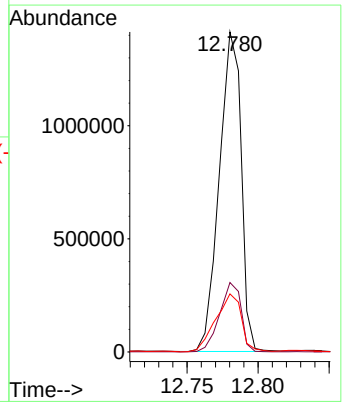


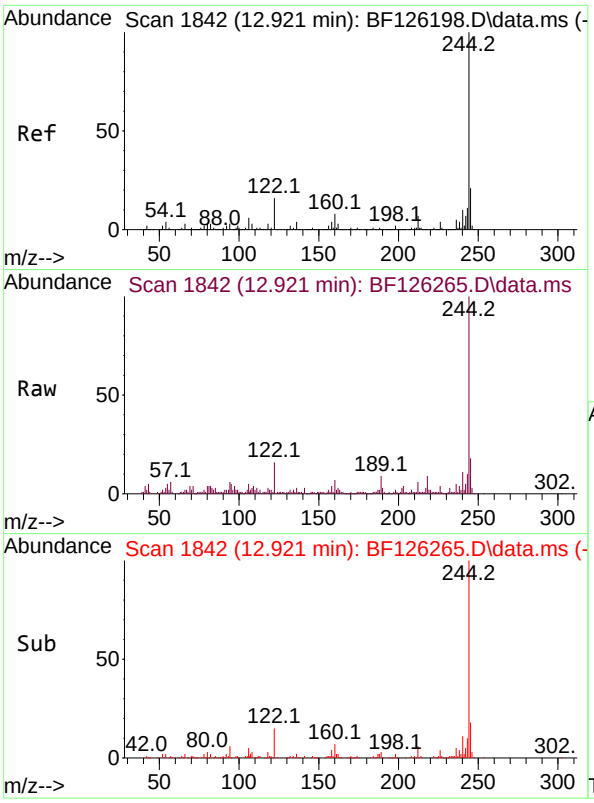


#78
Pyrene
Concen: 49.532 ng
RT: 12.780 min Scan# 1818
Delta R.T. 0.006 min
Lab File: BF126265.D
Acq: 18 Dec 2021 20:54

Tgt Ion:202 Resp: 1512462

Ion	Ratio	Lower	Upper
202	100		
200	21.7	15.3	22.9
203	18.1	13.4	20.0



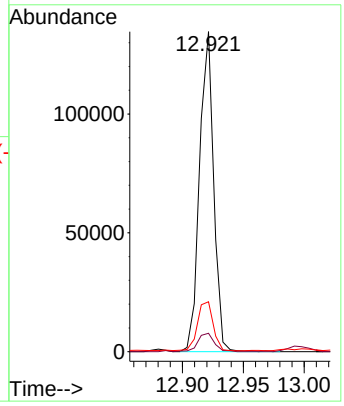


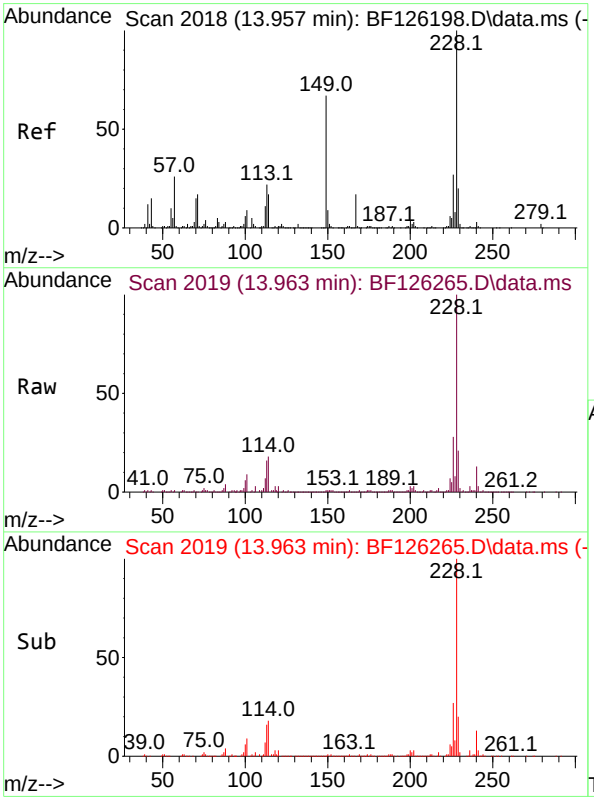
#79
Terphenyl-d14
Concen: 5.691 ng
RT: 12.921 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF126265.D
Acq: 18 Dec 2021 20:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 108824

Ion	Ratio	Lower	Upper
244	100		
212	5.7	5.9	8.9#
122	15.6	9.0	13.4#

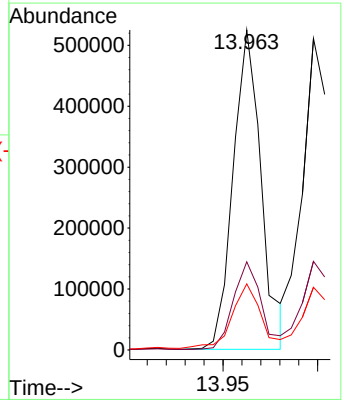


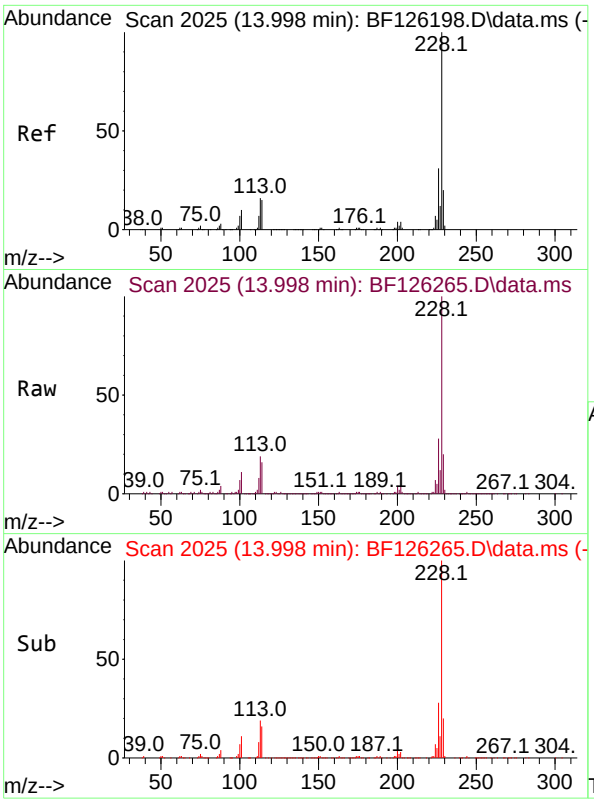


#81
Benzo(a)anthracene
Concen: 27.411 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BF126265.D
Acq: 18 Dec 2021 20:54

Tgt Ion:228 Resp: 539657

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.6	32.4
229	20.6	15.6	23.4



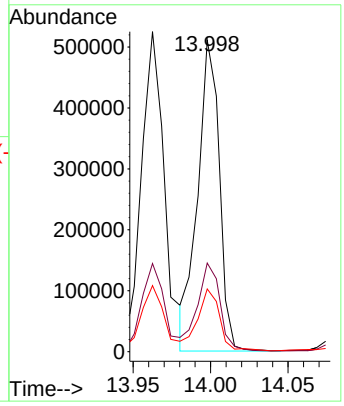


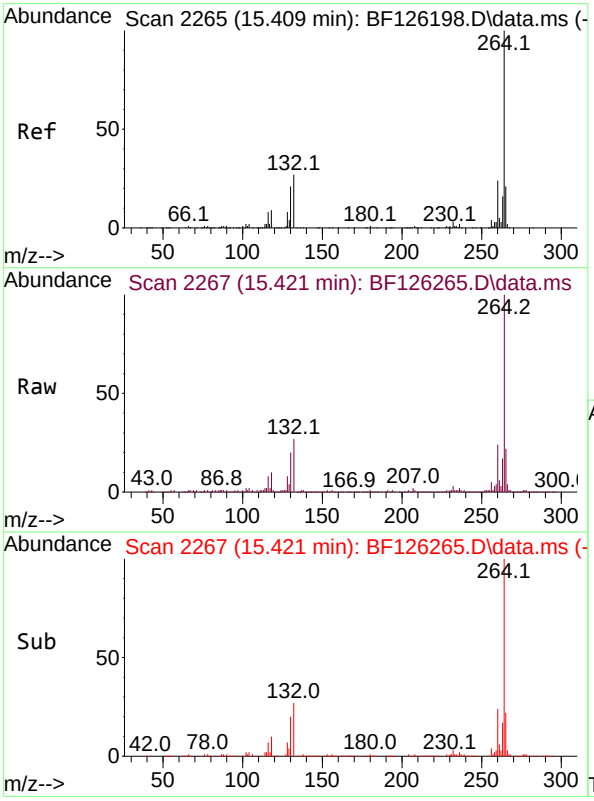
#83
Chrysene
Concen: 24.221 ng
RT: 13.998 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF126265.D
Acq: 18 Dec 2021 20:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 495440

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	34.0
229	20.1	15.9	23.9

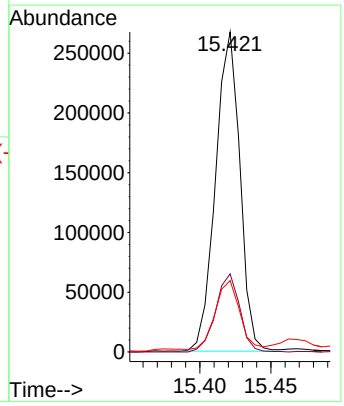


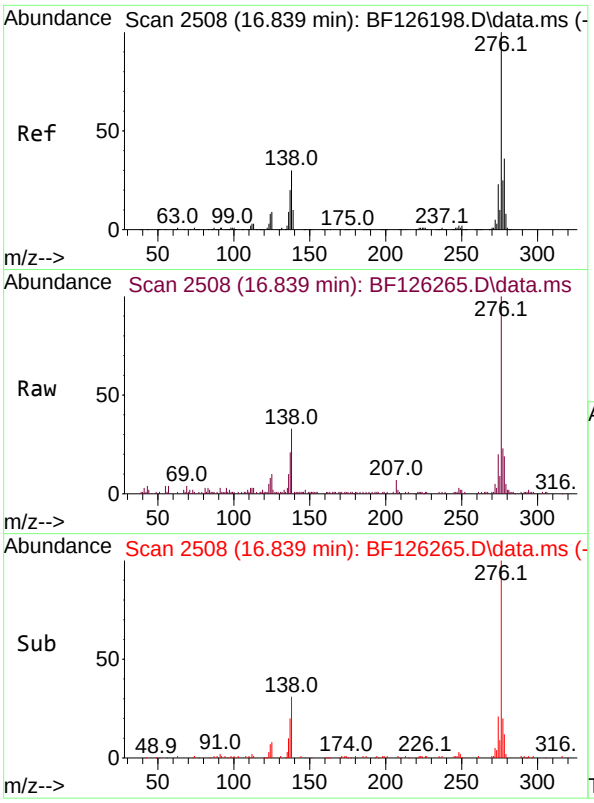


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.012 min
Lab File: BF126265.D
Acq: 18 Dec 2021 20:54

Tgt Ion:264 Resp: 318773

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	22.3	17.2	25.8



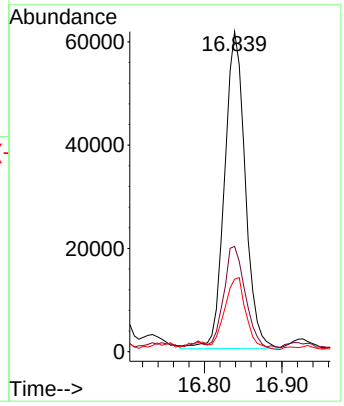


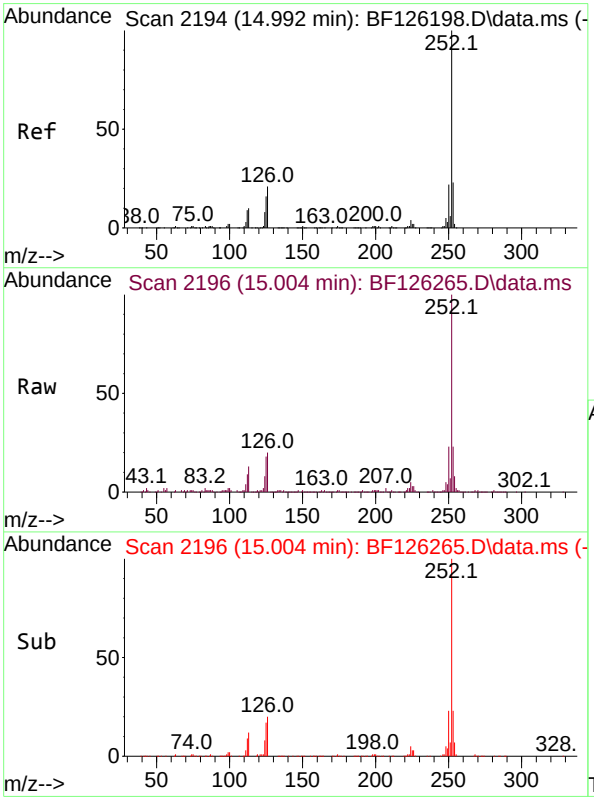
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.367 ng
RT: 16.839 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF126265.D
Acq: 18 Dec 2021 20:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 114109

Ion	Ratio	Lower	Upper
276	100		
138	32.8	24.1	36.1
277	23.4	18.8	28.2

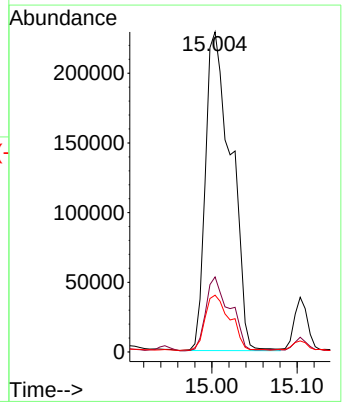


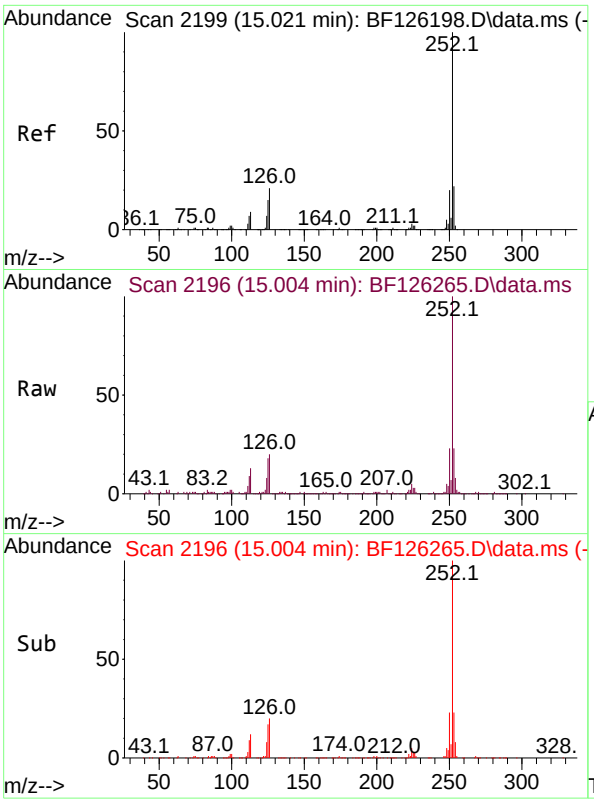


#88
Benzo(b)fluoranthene
Concen: 25.034 ng
RT: 15.004 min Scan# 2196
Delta R.T. 0.012 min
Lab File: BF126265.D
Acq: 18 Dec 2021 20:54

Tgt Ion:252 Resp: 479492

Ion	Ratio	Lower	Upper
252	100		
253	23.5	16.8	25.2
125	17.8	9.8	14.8#



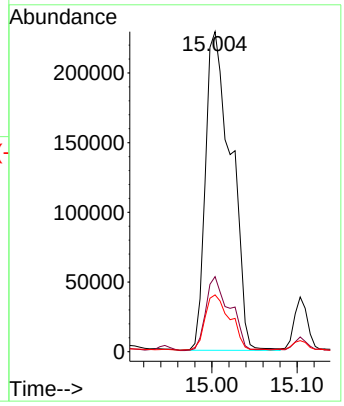


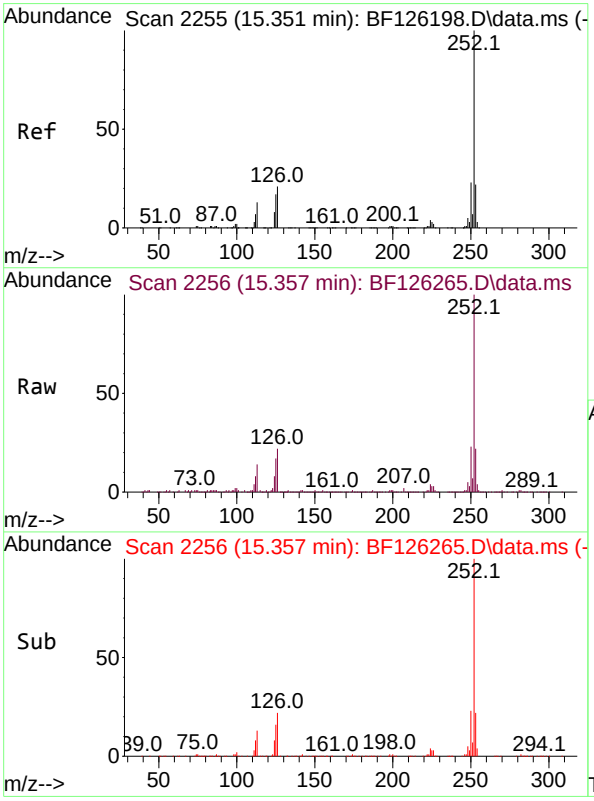
#89
Benzo(k)fluoranthene
Concen: 26.169 ng
RT: 15.004 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF126265.D
Acq: 18 Dec 2021 20:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 479492

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	17.8	7.2	10.8#

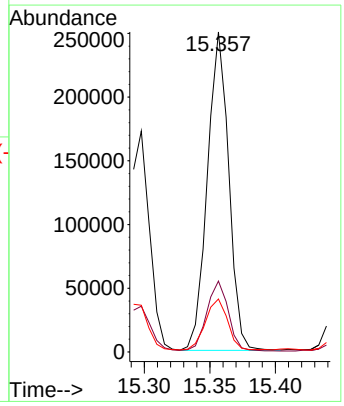


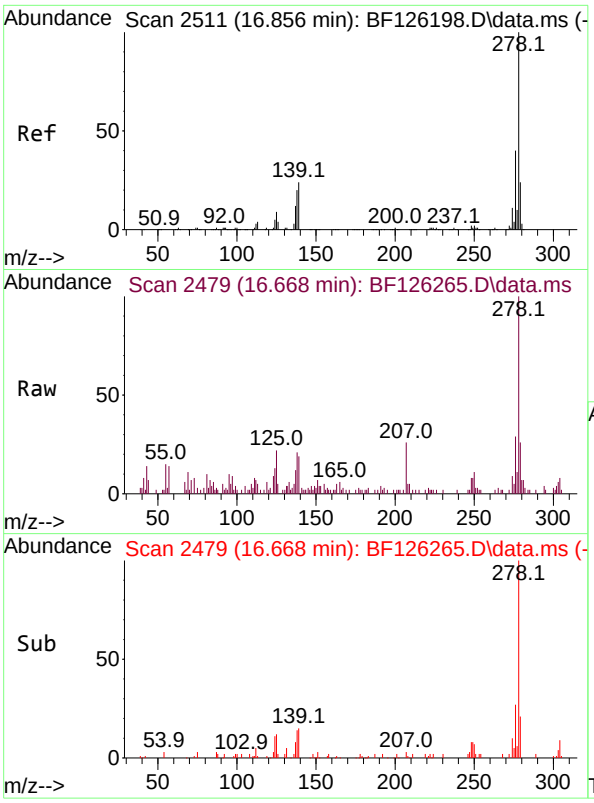


#90
Benzo(a)pyrene
Concen: 17.802 ng
RT: 15.357 min Scan# 2256
Delta R.T. 0.006 min
Lab File: BF126265.D
Acq: 18 Dec 2021 20:54

Tgt Ion:252 Resp: 283388

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	16.6	9.9	14.9#



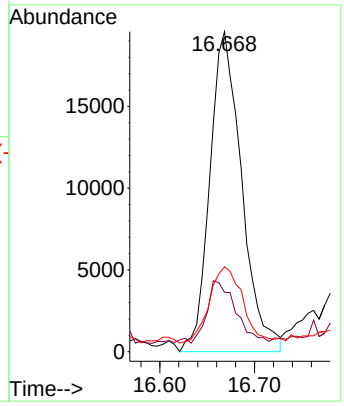


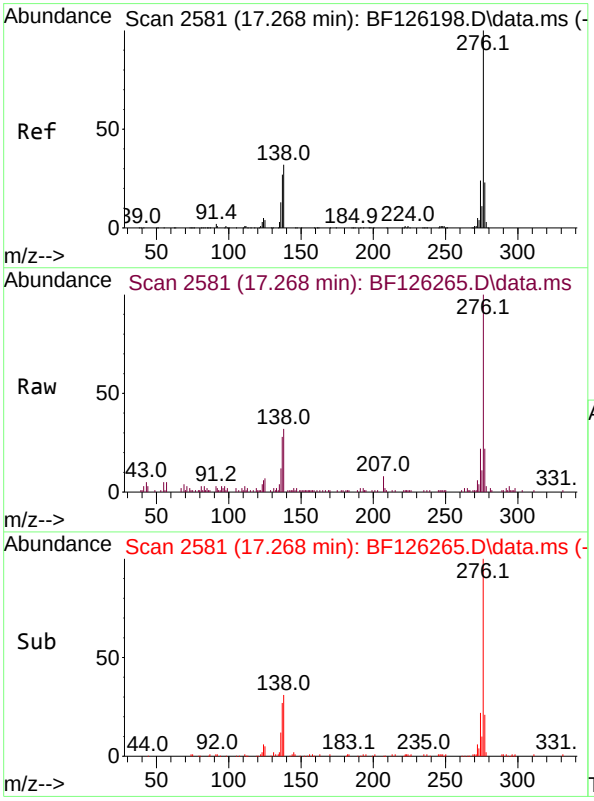
#91
Dibenzo(a,h)anthracene
Concen: 2.649 ng
RT: 16.668 min Scan# 24
Delta R.T. -0.188 min
Lab File: BF126265.D
Acq: 18 Dec 2021 20:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 45779

Ion	Ratio	Lower	Upper
278	100		
139	18.6	14.9	22.3
279	26.5	19.7	29.5





#92
Benzo(g,h,i)perylene
Concen: 5.935 ng
RT: 17.268 min Scan# 2581
Delta R.T. 0.000 min
Lab File: BF126265.D
Acq: 18 Dec 2021 20:54

Tgt Ion:276 Resp: 106139

Ion	Ratio	Lower	Upper
276	100		
277	22.0	22.0	33.0#
138	32.3	22.2	33.4