Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122891.D
Acq On : 30 Dec 2020 21:40
Operator : JU/CG
Sample : L5242-09DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-5(454+26)DL

Quant Time: Dec 31 00:59:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	109474	20.00	ng		0.00
21) Naphthalene-d8	8.104	136	392635	20.00	ng		0.00
39) Acenaphthene-d10	9.863	164	188990	20.00	ng		0.00
64) Phenanthrene-d10	11.351	188	336007	20.00	ng		0.00
76) Chrysene-d12	13.998	240	353727	20.00	ng		0.01
86) Perylene-d12	15.462	264	377599	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	103791	15.01	ng		0.00
7) Phenol-d6	6.457	99	112748	12.29	ng		0.00
23) Nitrobenzene-d5	7.381	82	64330	8.21	ng		-0.01
42) 2,4,6-Tribromophenol	10.651	330	33520	13.55	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	141142	10.10	ng		0.00
79) Terphenyl-d14	12.933	244	170727	8.45	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.381	82	64330	4.77	ng	#	65
49) Acenaphthylene	9.722	152	42015	2.19	ng		99
51) 2,6-Dinitrotoluene	9.863	165	24587	7.71	ng	#	30
57) 2,4-Dinitrotoluene	9.863	165	24587	5.79	ng	#	25
71) Phenanthrene	11.375	178	192553	9.64	ng		98
72) Anthracene	11.422	178	85885	4.34	ng		97
73) Carbazole	11.580	167	78353	4.36	ng		96
75) Fluoranthene	12.569	202	793124	37.88	ng		98
78) Pyrene	12.798	202	664128	24.28	ng		98
81) Benzo(a)anthracene	13.986	228	216947	9.18	ng		95
83) Chrysene	14.021	228	472398	20.08	ng		98
87) Indeno(1,2,3-cd)pyrene	16.921	276	103254	4.17	ng		97
88) Benzo(b)fluoranthene	15.039	252	699696	26.41	ng		99
89) Benzo(k)fluoranthene	15.039	252	699696	28.88	ng		99
90) Benzo(a)pyrene	15.398	252	138953	6.00	ng	#	94
92) Benzo(g,h,i)perylene	17.362	276	86104	4.39	ng		99

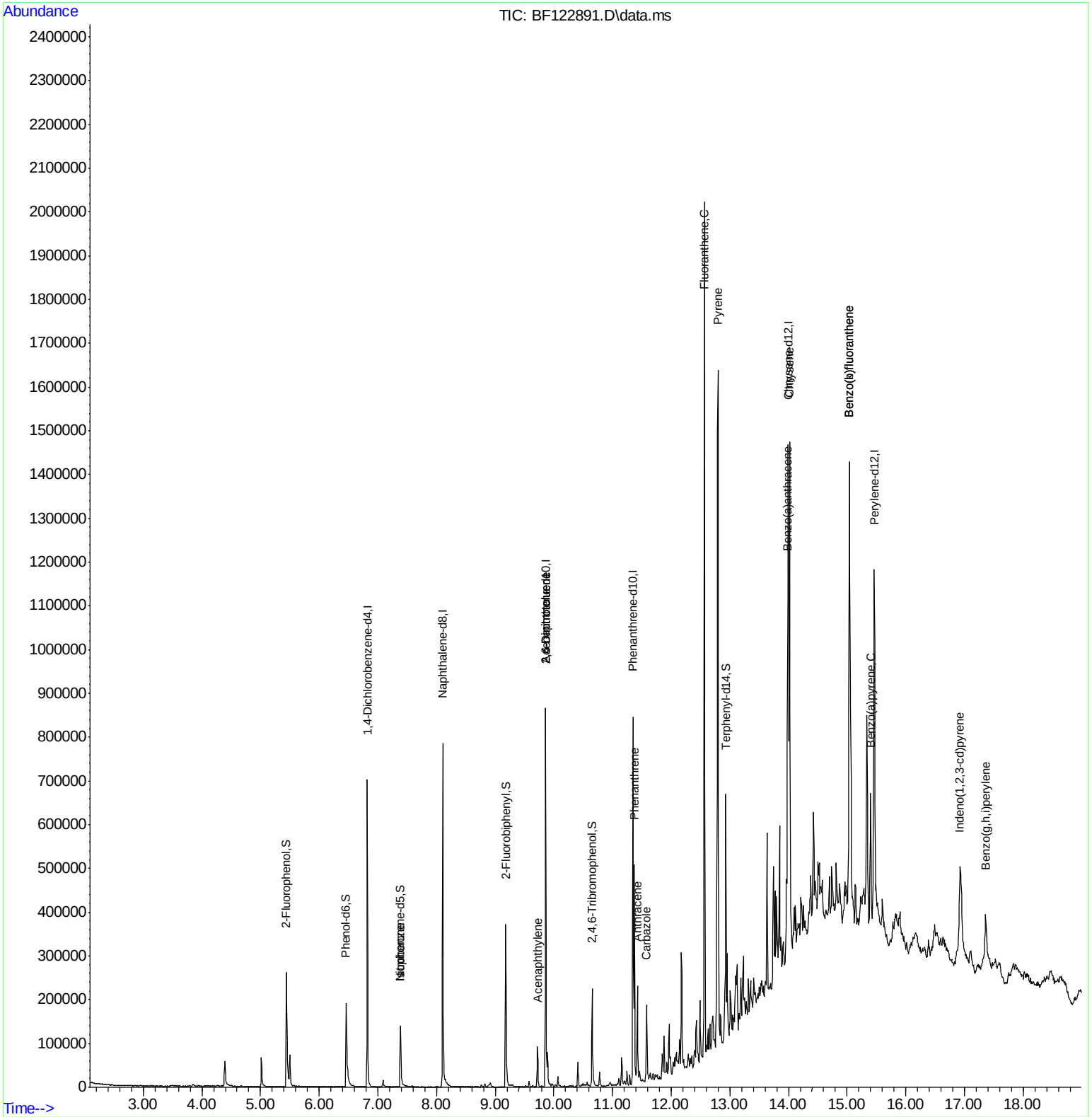
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

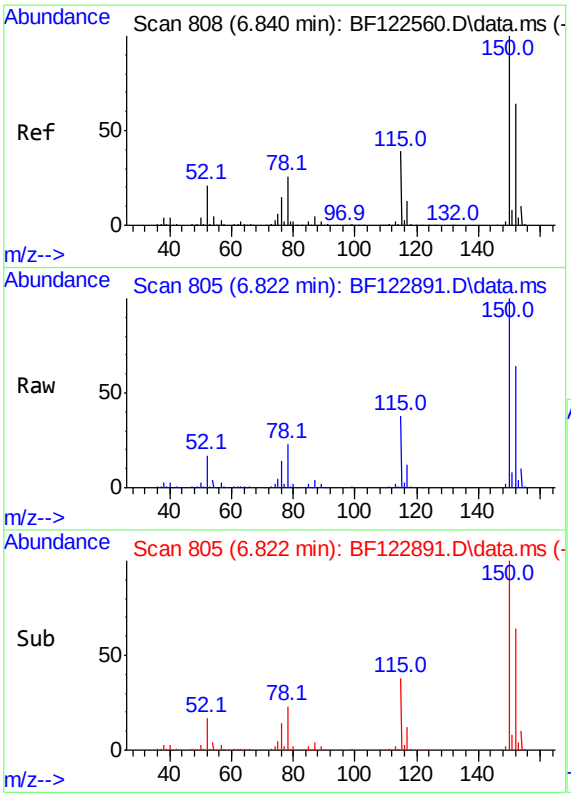
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122891.D
Acq On : 30 Dec 2020 21:40
Operator : JU/CG
Sample : L5242-09DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-5(454+26)DL

Quant Time: Dec 31 00:59:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration



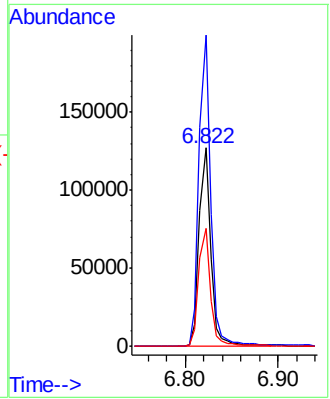
Instrument :
BNA_F
ClientSampleId :
SAMPLE-5(454+26)DL

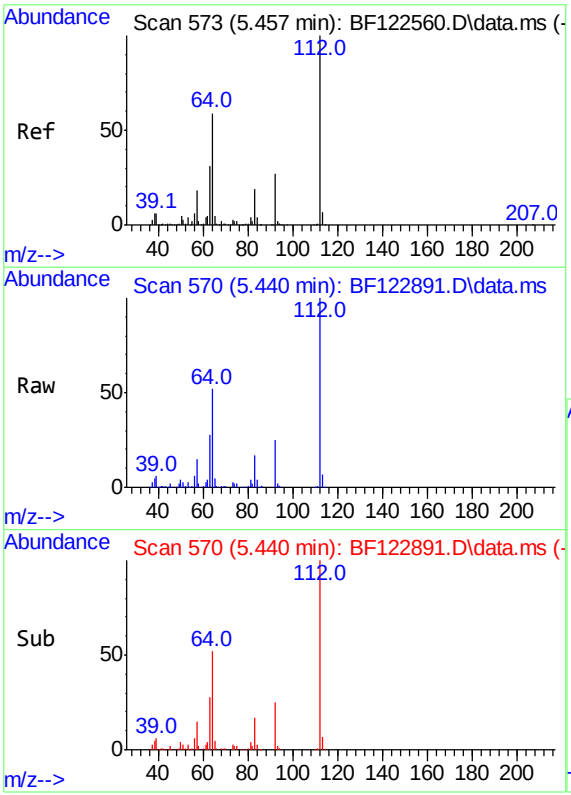


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF122891.D
Acq: 30 Dec 2020 21:40

Tgt Ion:152 Resp: 109474

Ion	Ratio	Lower	Upper
152	100		
150	156.9	125.8	188.6
115	59.2	49.3	73.9

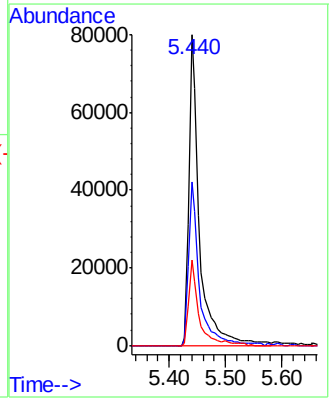




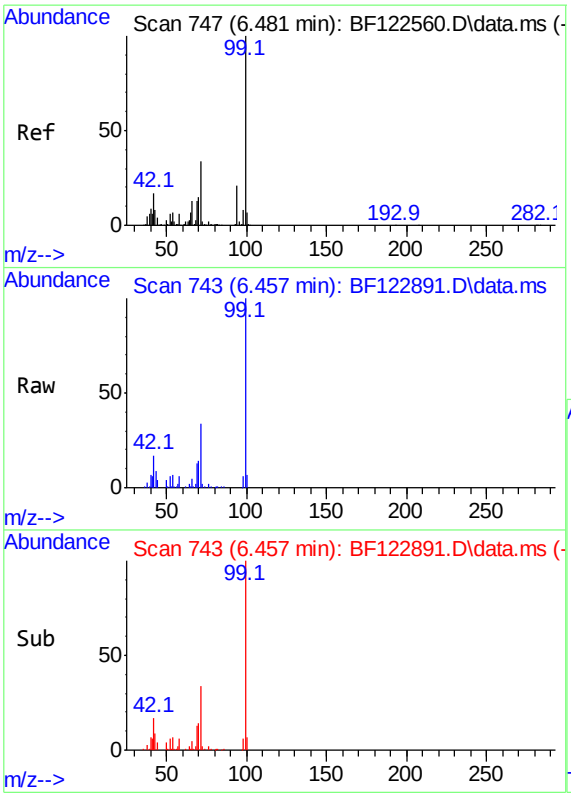
#5
2-Fluorophenol
Concen: 15.01 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF122891.D
Acq: 30 Dec 2020 21:40

Tgt Ion:112 Resp: 103791

Ion	Ratio	Lower	Upper
112	100		
64	52.5	46.9	70.3
63	27.7	24.5	36.7



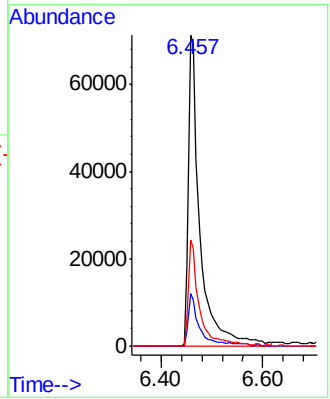
Instrument :
BNA_F
ClientSampleId :
SAMPLE-5(454+26)DL

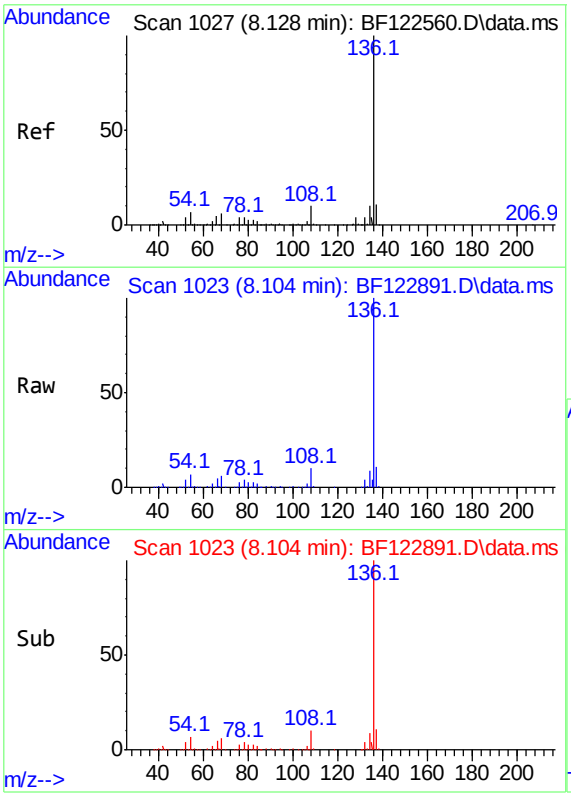


#7
Phenol-d6
Concen: 12.29 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF122891.D
Acq: 30 Dec 2020 21:40

Tgt Ion: 99 Resp: 112748

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.8	20.6
71	34.2	26.9	40.3

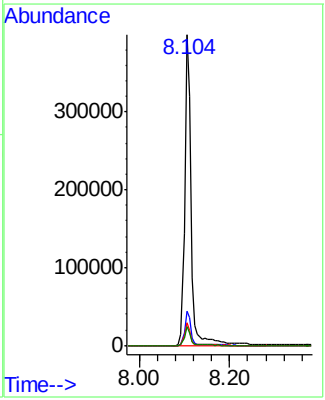




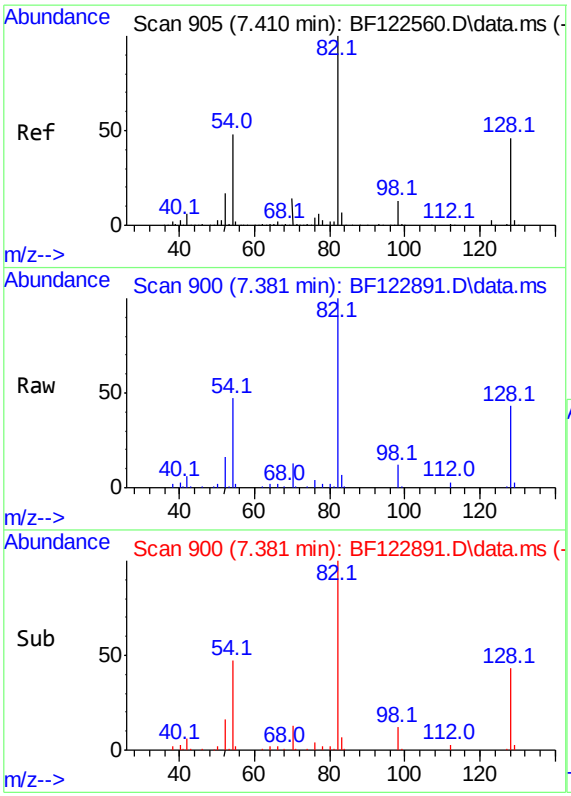
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122891.D
Acq: 30 Dec 2020 21:40

Tgt Ion:136 Resp: 392635

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.2	5.5	8.3
68	5.9	4.6	6.8



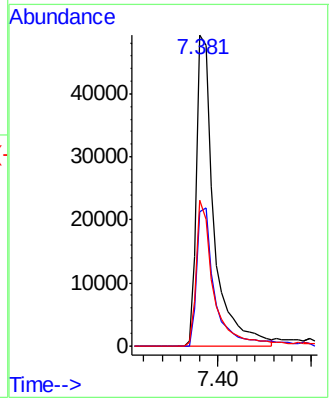
Instrument :
BNA_F
ClientSampleId :
SAMPLE-5(454+26)DL

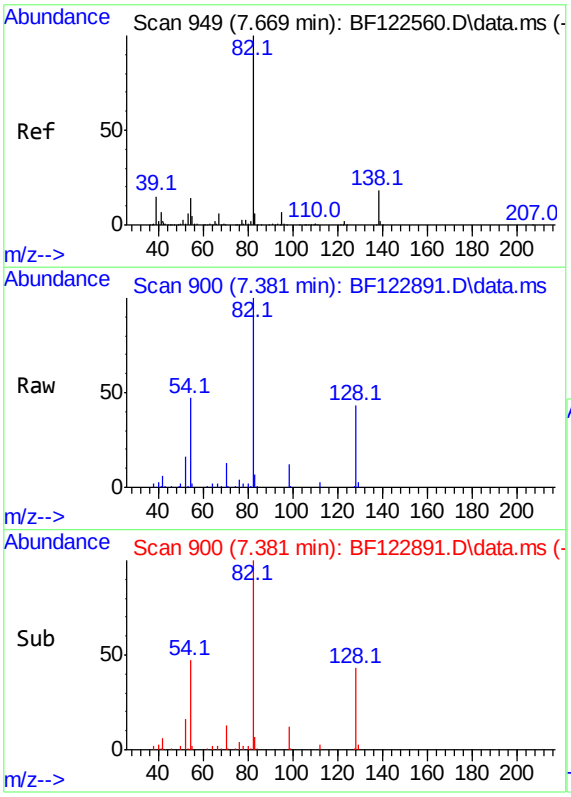


#23
Nitrobenzene-d5
Concen: 8.21 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122891.D
Acq: 30 Dec 2020 21:40

Tgt Ion: 82 Resp: 64330

Ion	Ratio	Lower	Upper
82	100		
128	43.1	37.0	55.4
54	47.0	38.4	57.6

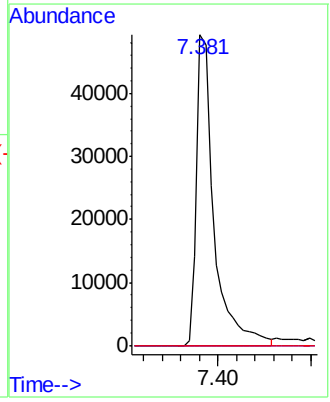




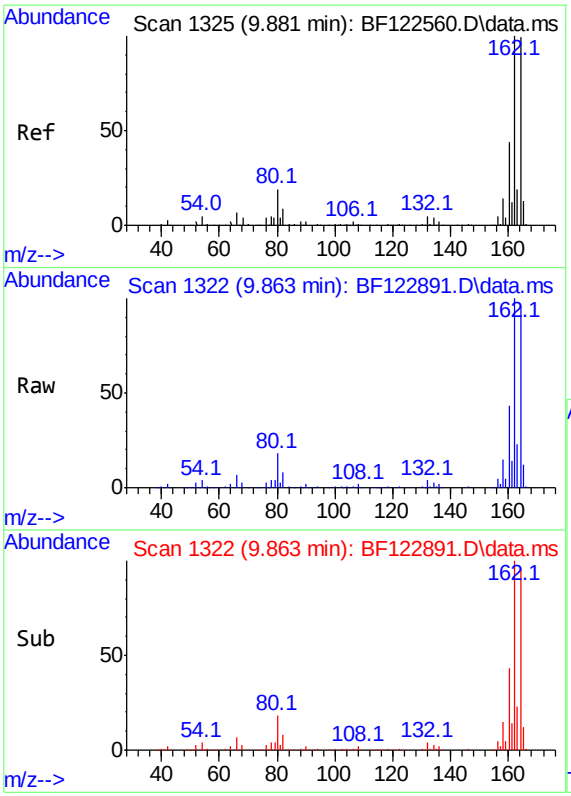
#25
Isophorone
Concen: 4.77 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF122891.D
Acq: 30 Dec 2020 21:40

Tgt Ion: 82 Resp: 64330

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#



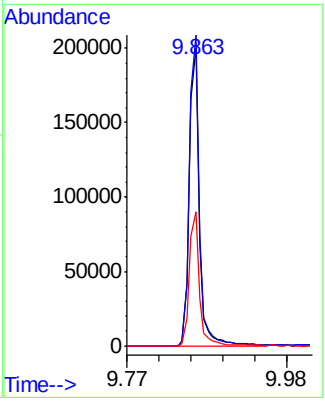
Instrument :
BNA_F
ClientSampleId :
SAMPLE-5(454+26)DL

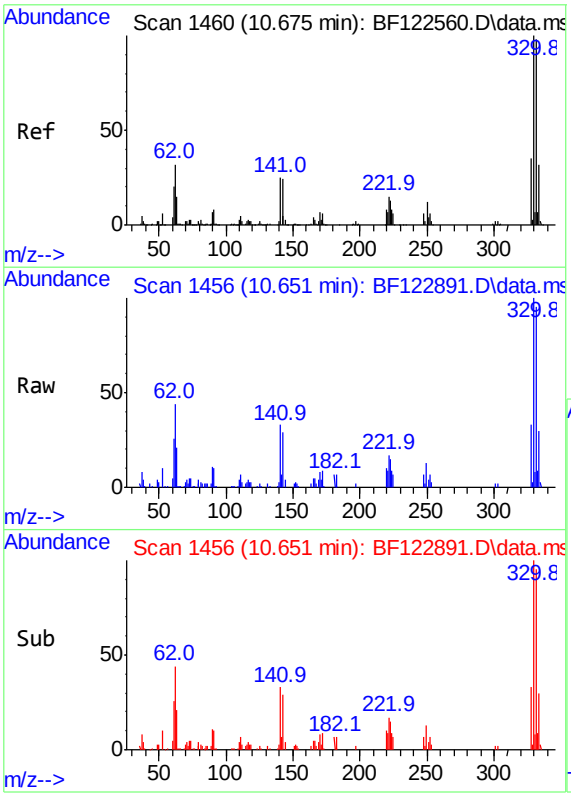


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF122891.D
Acq: 30 Dec 2020 21:40

Tgt Ion:164 Resp: 188990

Ion	Ratio	Lower	Upper
164	100		
162	104.2	80.8	121.2
160	45.2	35.4	53.0

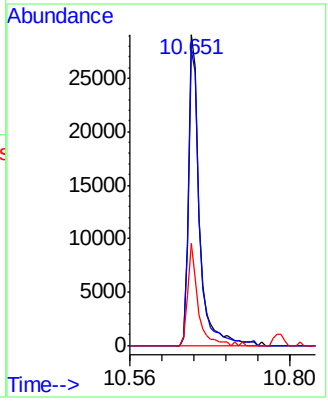


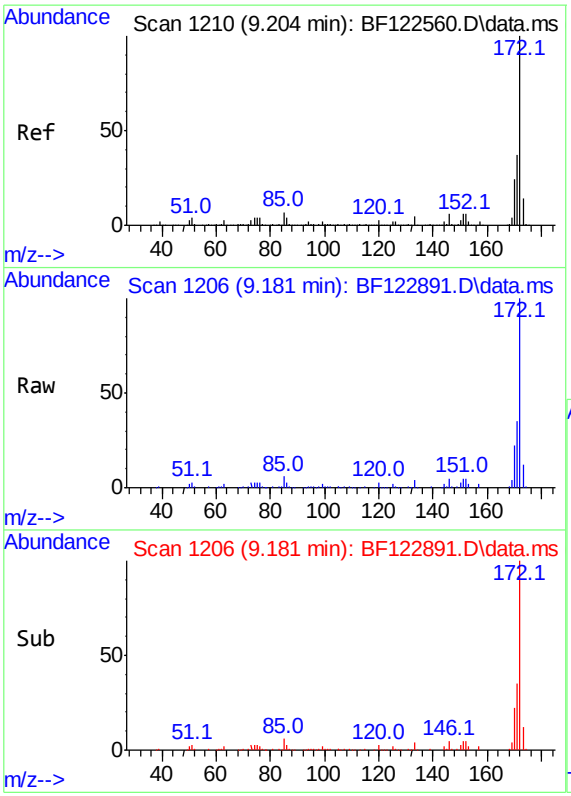


#42
2,4,6-Tribromophenol
Concen: 13.55 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF122891.D
Acq: 30 Dec 2020 21:40

Tgt Ion:330 Resp: 33520

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.5	116.3
141	30.4	23.8	35.8

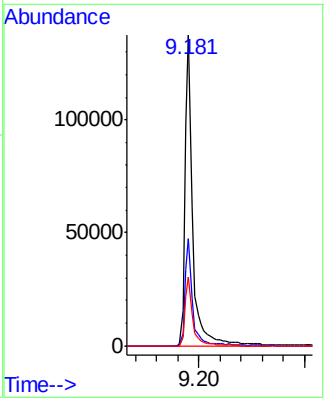




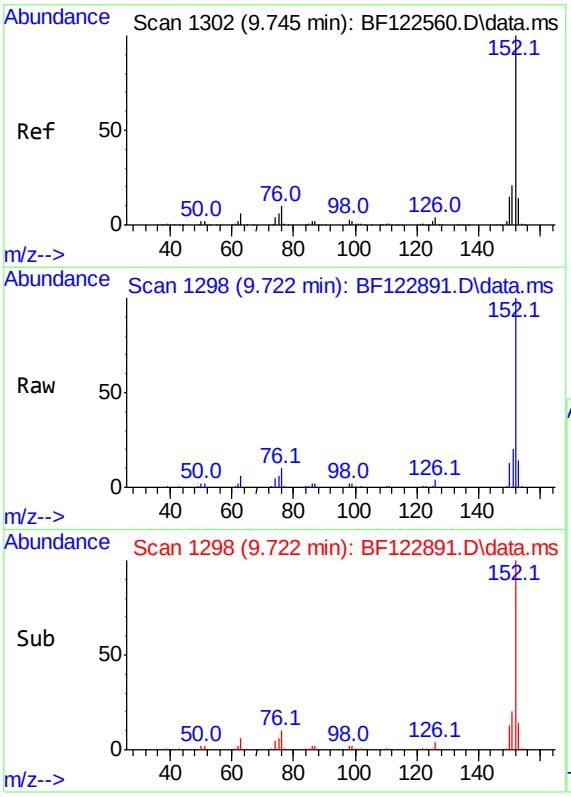
#45
2-Fluorobiphenyl
Concen: 10.10 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122891.D
Acq: 30 Dec 2020 21:40

Tgt Ion:172 Resp: 141142

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.6	44.4
170	22.3	19.5	29.3



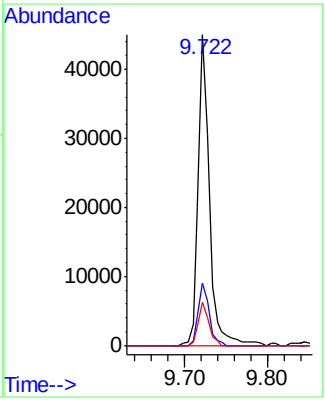
Instrument :
BNA_F
ClientSampleId :
SAMPLE-5(454+26)DL



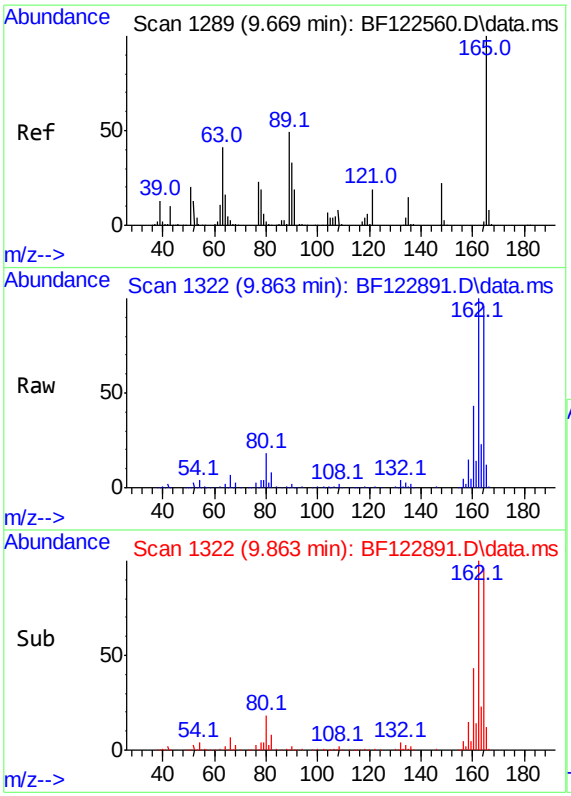
#49
Acenaphthylene
Concen: 2.19 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF122891.D
Acq: 30 Dec 2020 21:40

Tgt Ion:152 Resp: 42015

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.6	25.0
153	14.0	10.9	16.3



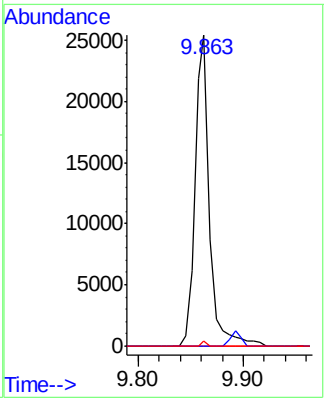
Instrument :
BNA_F
ClientSampleId :
SAMPLE-5(454+26)DL

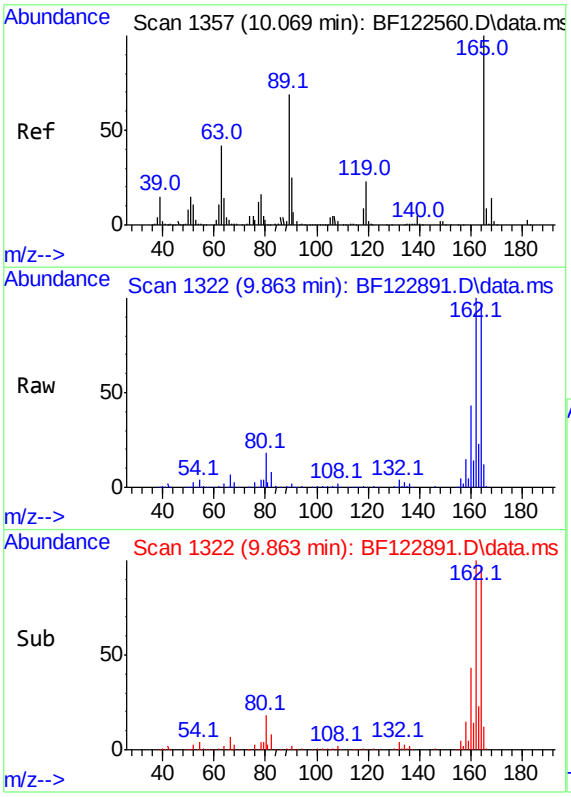


#51
2,6-Dinitrotoluene
Concen: 7.71 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.218 min
Lab File: BF122891.D
Acq: 30 Dec 2020 21:40

Tgt Ion:165 Resp: 24587

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.6	55.0#
89	1.4	39.4	59.0#

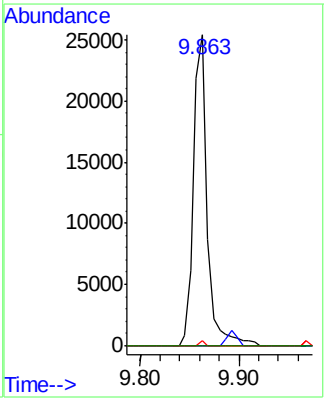




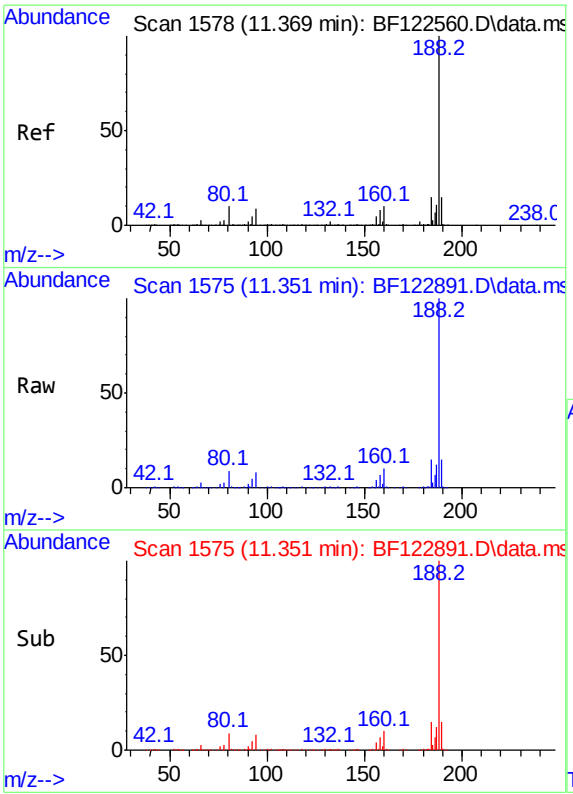
#57
2,4-Dinitrotoluene
Concen: 5.79 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.188 min
Lab File: BF122891.D
Acq: 30 Dec 2020 21:40

Tgt Ion:165 Resp: 24587

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	1.4	55.2	82.8#
182	0.0	2.2	3.2#



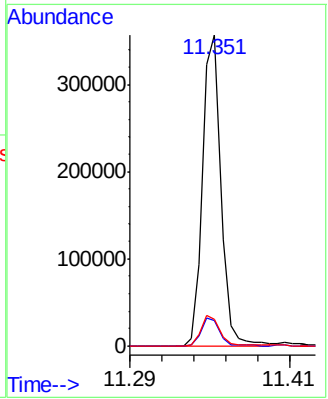
Instrument :
BNA_F
ClientSampleId :
SAMPLE-5(454+26)DL

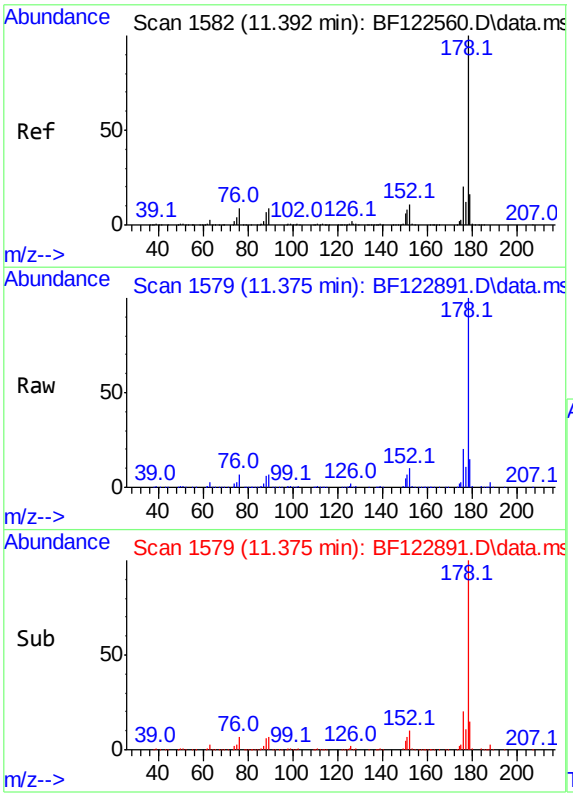


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF122891.D
Acq: 30 Dec 2020 21:40

Tgt Ion:188 Resp: 336007

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.4	11.2
80	8.7	8.2	12.4

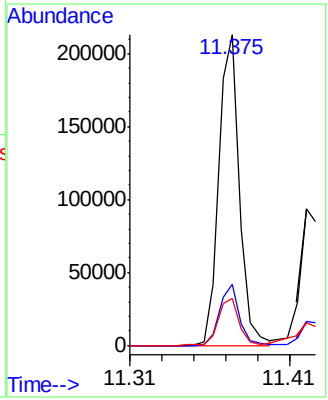




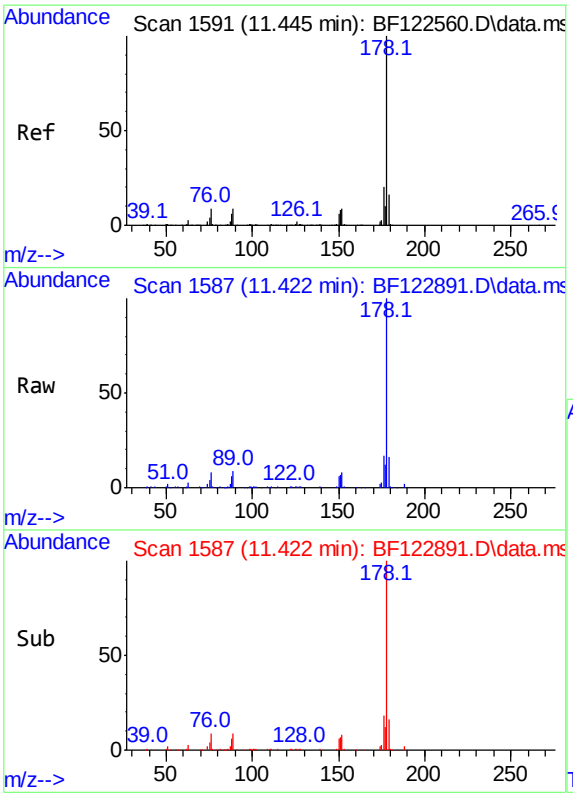
#71
Phenanthrene
Concen: 9.64 ng
RT: 11.375 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BF122891.D
Acq: 30 Dec 2020 21:40

Tgt Ion:178 Resp: 192553

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.2
179	15.0	12.7	19.1



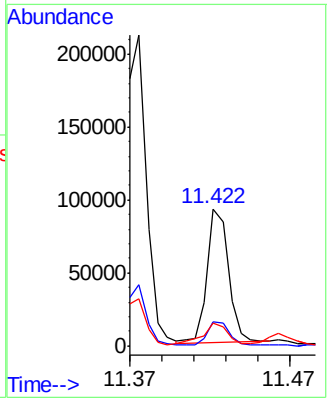
Instrument :
BNA_F
ClientSampleId :
SAMPLE-5(454+26)DL

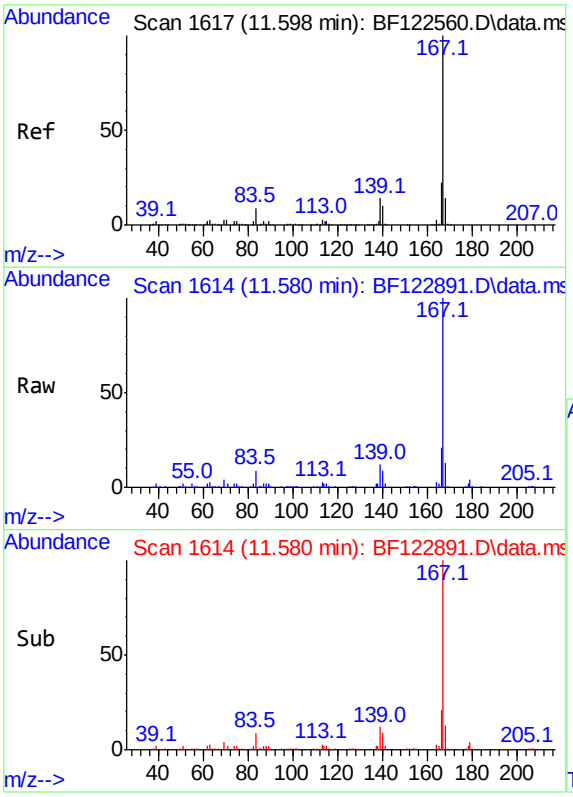


#72
Anthracene
Concen: 4.34 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF122891.D
Acq: 30 Dec 2020 21:40

Tgt Ion:178 Resp: 85885

Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.6	23.4
179	16.2	12.8	19.2

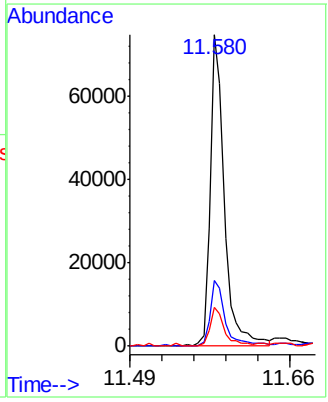




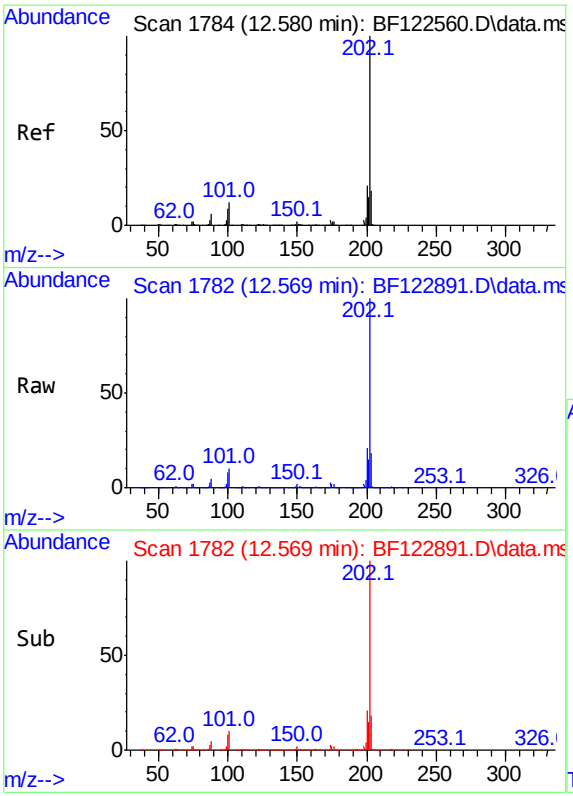
#73
Carbazole
Concen: 4.36 ng
RT: 11.580 min Scan# 1614
Delta R.T. 0.006 min
Lab File: BF122891.D
Acq: 30 Dec 2020 21:40

Tgt Ion:167 Resp: 78353

Ion	Ratio	Lower	Upper
167	100		
166	20.8	18.0	27.0
139	12.2	10.9	16.3



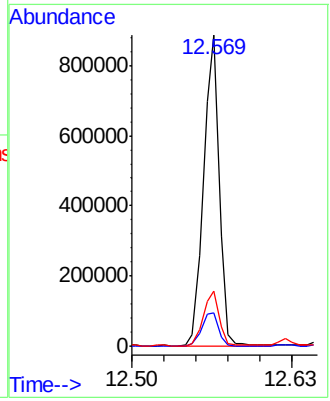
Instrument :
BNA_F
ClientSampleId :
SAMPLE-5(454+26)DL

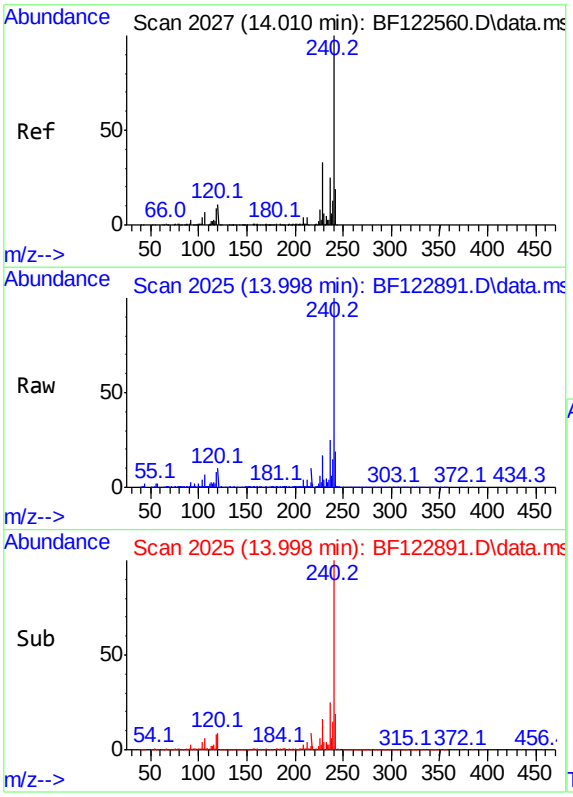


#75
Fluoranthene
Concen: 37.88 ng
RT: 12.569 min Scan# 1782
Delta R.T. 0.012 min
Lab File: BF122891.D
Acq: 30 Dec 2020 21:40

Tgt Ion:202 Resp: 793124

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	32.2
203	17.8	0.0	38.1

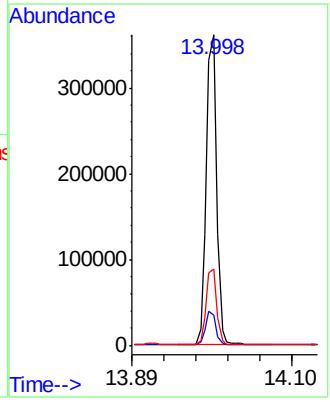




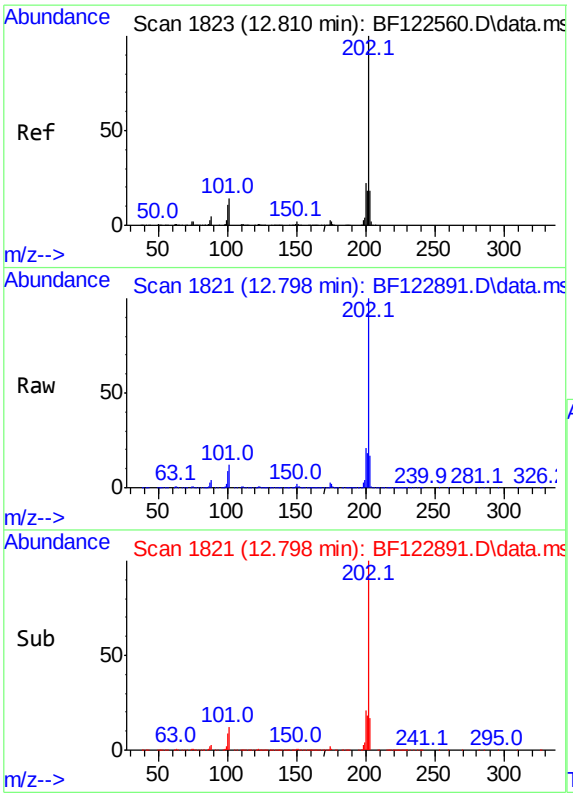
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.012 min
Lab File: BF122891.D
Acq: 30 Dec 2020 21:40

Tgt Ion:240 Resp: 353727

Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.6	12.8
236	24.7	20.3	30.5



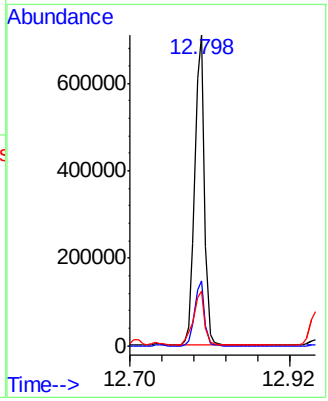
Instrument :
BNA_F
ClientSampleId :
SAMPLE-5(454+26)DL

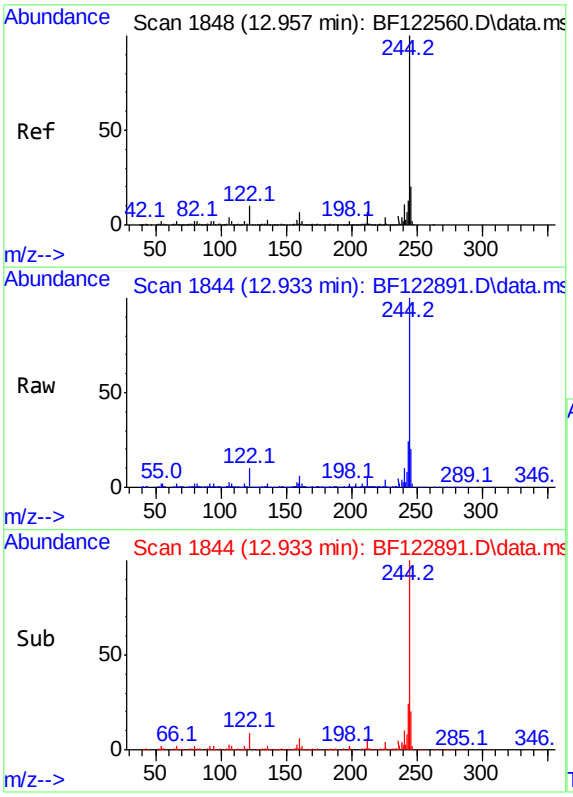


#78
Pyrene
Concen: 24.28 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.012 min
Lab File: BF122891.D
Acq: 30 Dec 2020 21:40

Tgt Ion:202 Resp: 664128

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	17.4	14.6	21.8

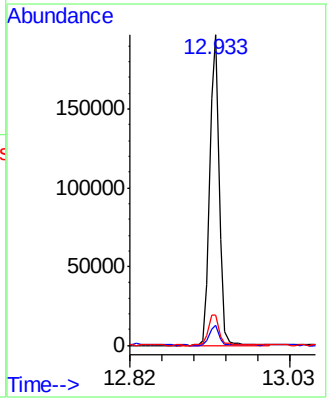




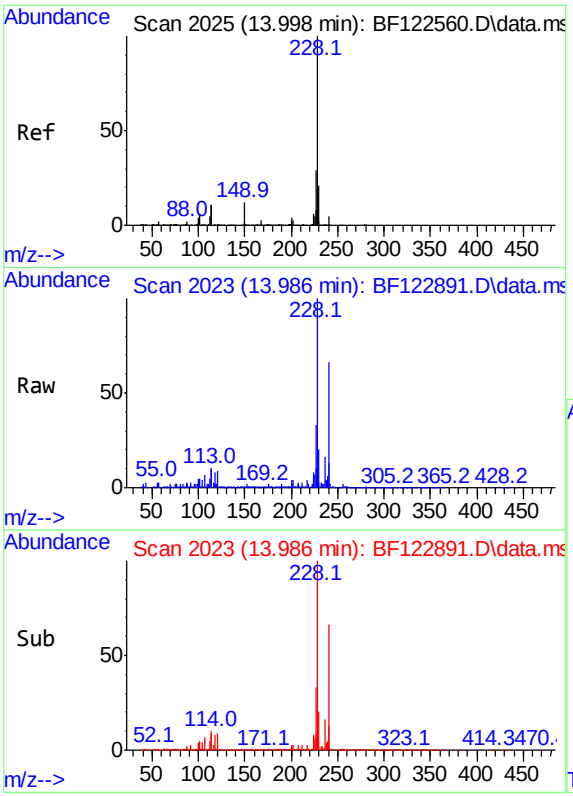
#79
Terphenyl-d14
Concen: 8.45 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF122891.D
Acq: 30 Dec 2020 21:40

Tgt Ion:244 Resp: 170727

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.7	8.5
122	9.6	8.3	12.5



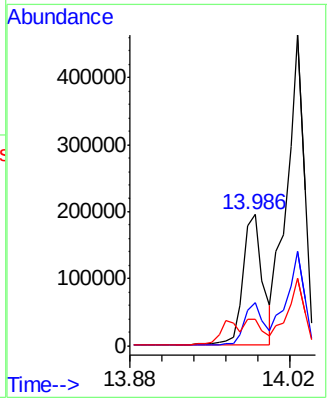
Instrument :
BNA_F
ClientSampleId :
SAMPLE-5(454+26)DL

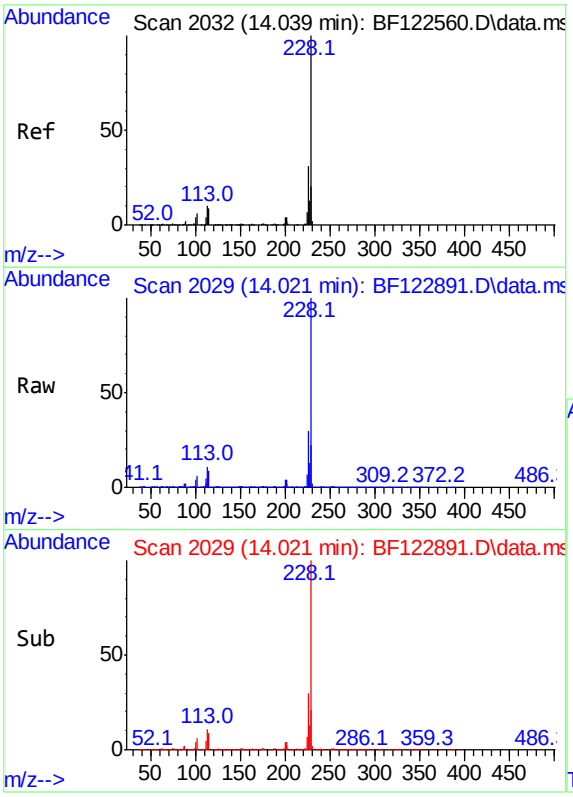


#81
Benzo(a)anthracene
Concen: 9.18 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.012 min
Lab File: BF122891.D
Acq: 30 Dec 2020 21:40

Tgt Ion:228 Resp: 216947

Ion	Ratio	Lower	Upper
228	100		
226	32.9	23.0	34.4
229	20.5	16.6	24.8

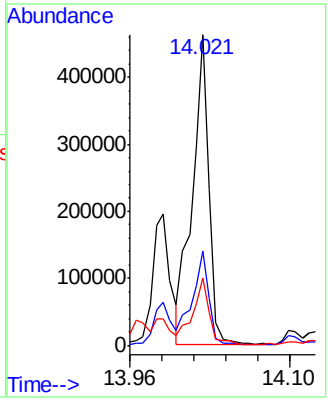




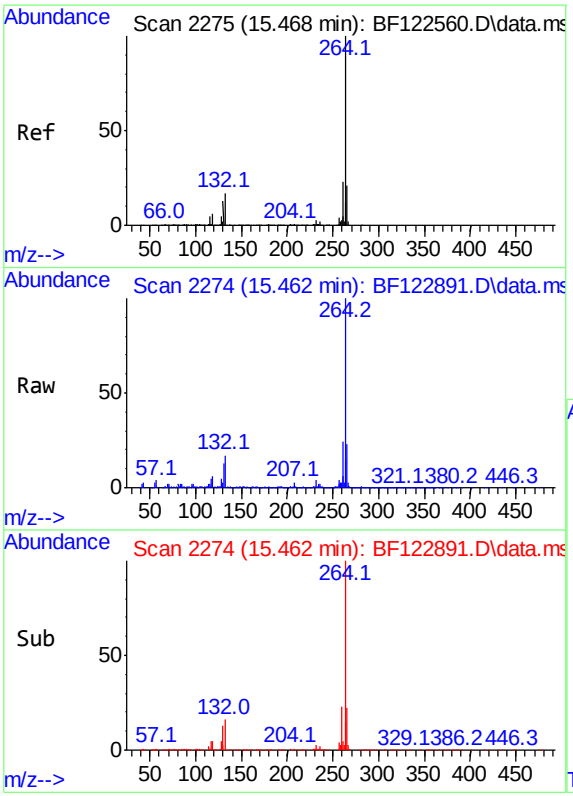
#83
Chrysene
Concen: 20.08 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF122891.D
Acq: 30 Dec 2020 21:40

Tgt Ion:228 Resp: 472398

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	36.8
229	21.7	15.8	23.6



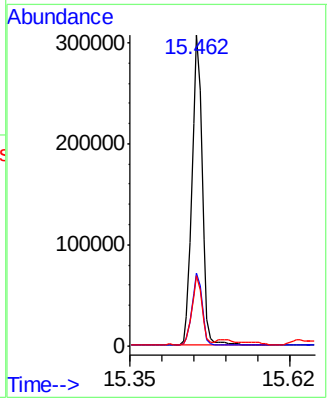
Instrument :
BNA_F
ClientSampleId :
SAMPLE-5(454+26)DL

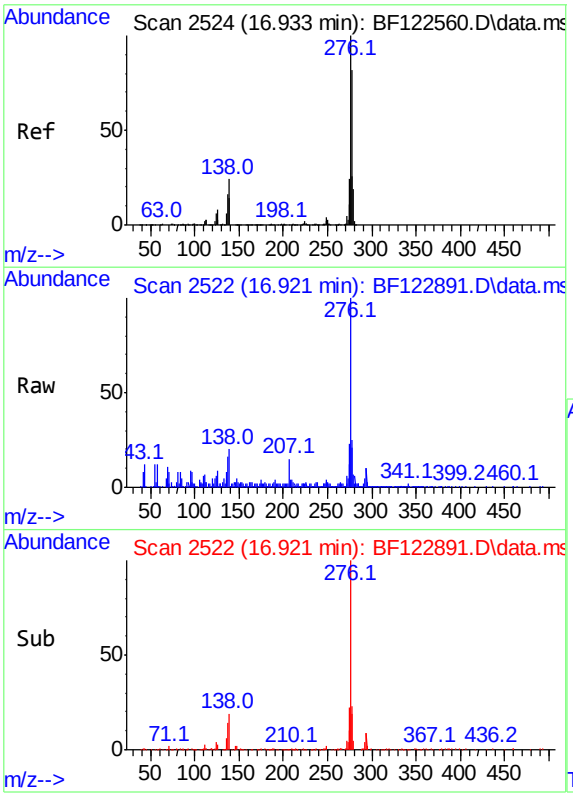


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.462 min Scan# 2274
Delta R.T. 0.023 min
Lab File: BF122891.D
Acq: 30 Dec 2020 21:40

Tgt Ion:264 Resp: 377599

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	22.6	17.0	25.6

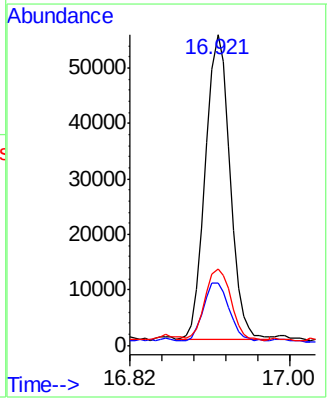




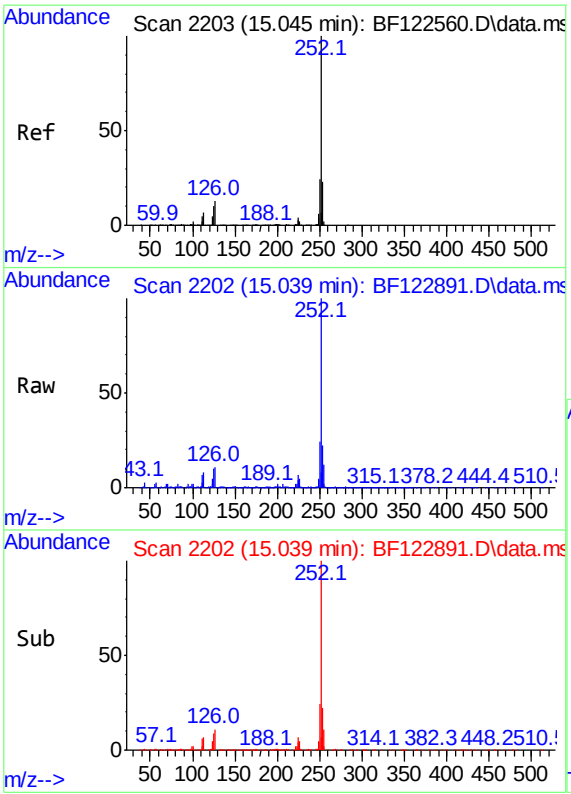
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.17 ng
RT: 16.921 min Scan# 2522
Delta R.T. 0.029 min
Lab File: BF122891.D
Acq: 30 Dec 2020 21:40

Tgt Ion:276 Resp: 103254

Ion	Ratio	Lower	Upper
276	100		
138	20.4	18.7	28.1
277	25.5	20.2	30.4



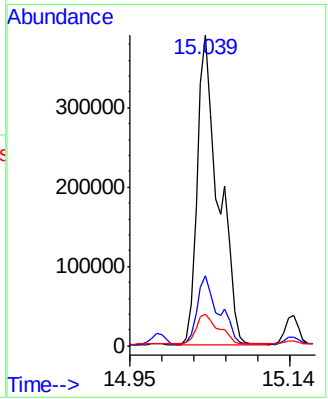
Instrument :
BNA_F
ClientSampleId :
SAMPLE-5(454+26)DL

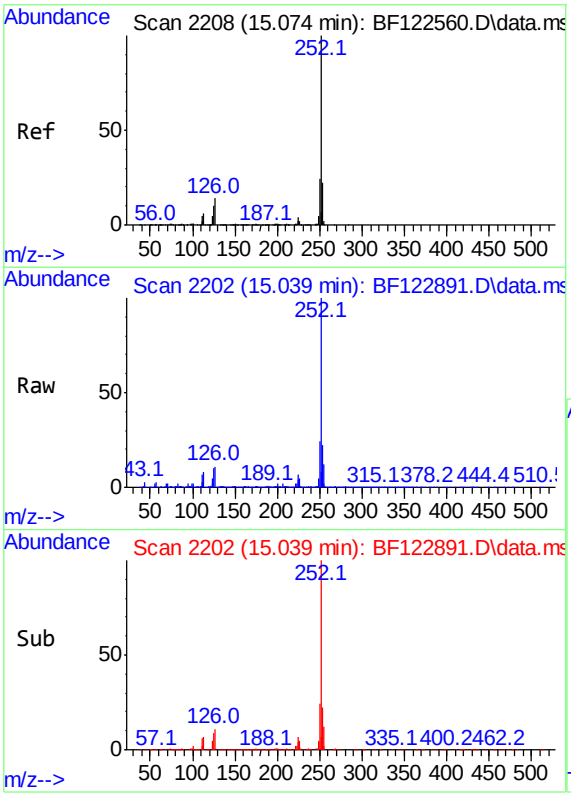


#88
Benzo(b)fluoranthene
Concen: 26.41 ng
RT: 15.039 min Scan# 2202
Delta R.T. 0.018 min
Lab File: BF122891.D
Acq: 30 Dec 2020 21:40

Tgt Ion:252 Resp: 699696

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.3	27.5
125	10.0	8.1	12.1

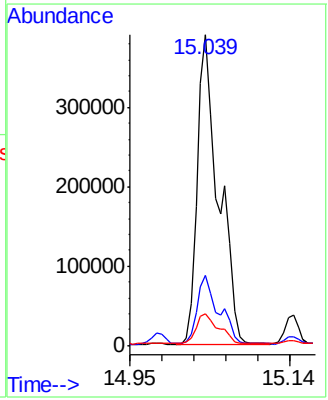




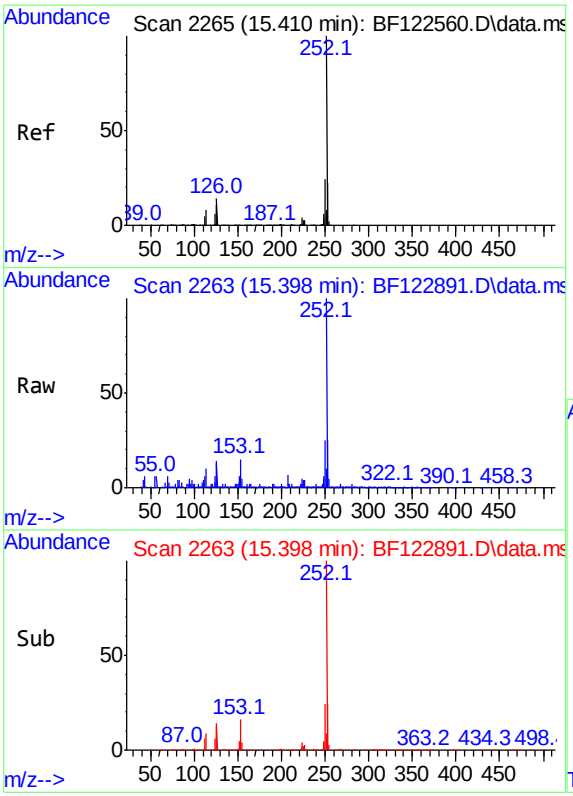
#89
Benzo(k)fluoranthene
Concen: 28.88 ng
RT: 15.039 min Scan# 2202
Delta R.T. -0.012 min
Lab File: BF122891.D
Acq: 30 Dec 2020 21:40

Tgt Ion:252 Resp: 699696

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	10.0	8.4	12.6



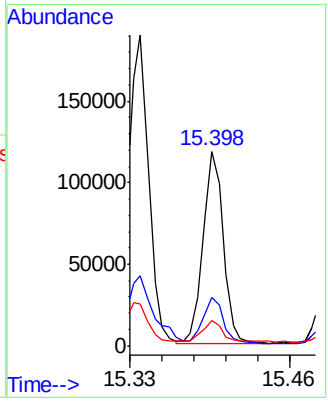
Instrument :
BNA_F
ClientSampleId :
SAMPLE-5(454+26)DL

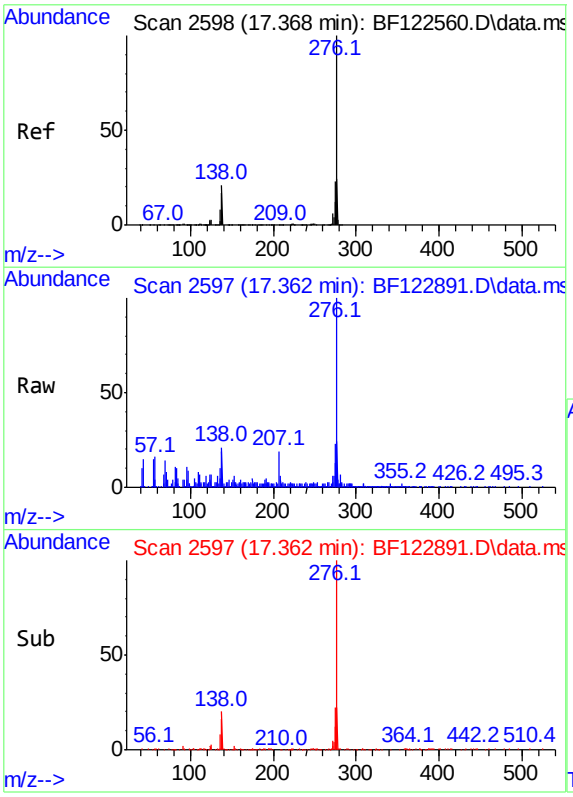


#90
Benzo(a)pyrene
Concen: 6.00 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.018 min
Lab File: BF122891.D
Acq: 30 Dec 2020 21:40

Tgt Ion:252 Resp: 138953

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.5	26.3
125	13.0	8.6	12.8#





#92
Benzo(g,h,i)perylene
Concen: 4.39 ng
RT: 17.362 min Scan# 2597
Delta R.T. 0.035 min
Lab File: BF122891.D
Acq: 30 Dec 2020 21:40

Tgt Ion:276 Resp: 86104

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.3	28.9
138	21.3	16.6	24.8