Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
Data File : BF122602.D
Acq On : 8 Dec 2020 22:26
Operator : JU/CG
Sample : L4965-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CRT012

Quant Time: Dec 09 01:13:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	175163	20.00	ng		0.00
21) Naphthalene-d8	8.122	136	695163	20.00	ng		0.00
39) Acenaphthene-d10	9.875	164	373833	20.00	ng		0.00
64) Phenanthrene-d10	11.363	188	683634	20.00	ng		0.00
76) Chrysene-d12	14.004	240	484867	20.00	ng		0.00
86) Perylene-d12	15.462	264	478924	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	972450	87.89	ng		0.00
7) Phenol-d6	6.469	99	1235184	84.18	ng		-0.01
23) Nitrobenzene-d5	7.398	82	771114	55.58	ng		-0.01
42) 2,4,6-Tribromophenol	10.663	330	320711	65.54	ng		-0.01
45) 2-Fluorobiphenyl	9.198	172	1323501	47.89	ng		0.00
79) Terphenyl-d14	12.951	244	1338467	48.32	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.481	94	43692	2.87	ng		88
19) n-Nitroso-di-n-propyla...	7.398	70	101768	12.11	ng	#	78
25) Isophorone	7.398	82	764192	31.98	ng	#	65
50) Dimethylphthalate	9.592	163	126765	4.25	ng		99
51) 2,6-Dinitrotoluene	9.875	165	48120	7.63	ng	#	31
56) 4-Nitrophenol	10.080	139	11061	2.13	ng	#	15
57) 2,4-Dinitrotoluene	9.875	165	48120	5.73	ng	#	25
67) 4-Bromophenyl-phenylether	10.663	248	20069	2.17	ng	#	1
71) Phenanthrene	11.386	178	642771	15.82	ng		99
72) Anthracene	11.433	178	155791	3.87	ng		98
75) Fluoranthene	12.574	202	1000993	23.49	ng		100
78) Pyrene	12.804	202	943919	25.18	ng		99
81) Benzo(a)anthracene	13.992	228	467006	14.41	ng		96
83) Chrysene	14.027	228	415751	12.89	ng		96
87) Indeno(1,2,3-cd)pyrene	16.909	276	241305	7.68	ng		95
88) Benzo(b)fluoranthene	15.039	252	693019	20.62	ng		99
89) Benzo(k)fluoranthene	15.039	252	693019	22.56	ng		100
90) Benzo(a)pyrene	15.404	252	410271	13.96	ng		99
91) Dibenzo(a,h)anthracene	17.086	278	57465	2.23	ng		95
92) Benzo(g,h,i)perylene	17.351	276	229801	9.23	ng		99

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

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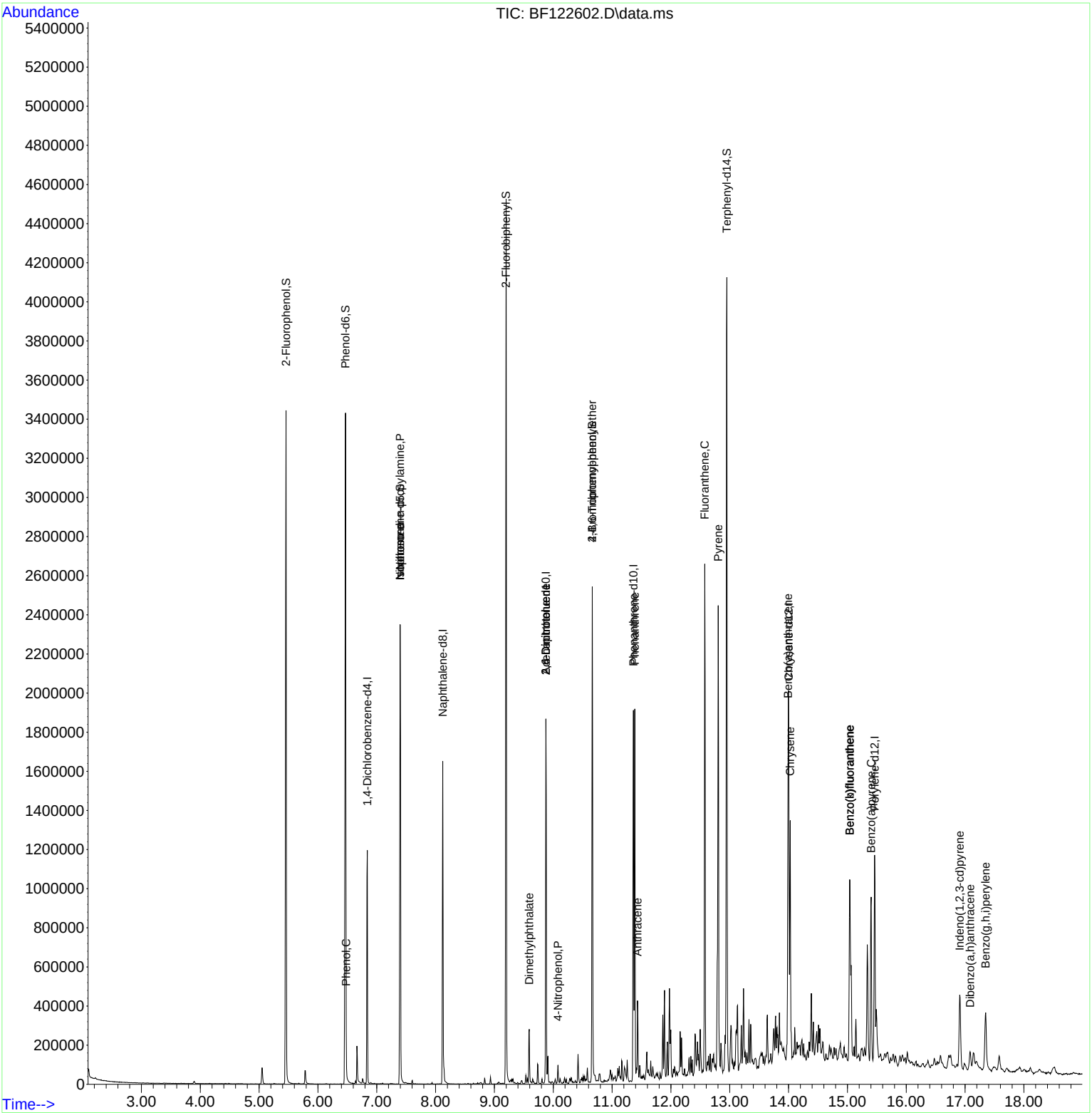
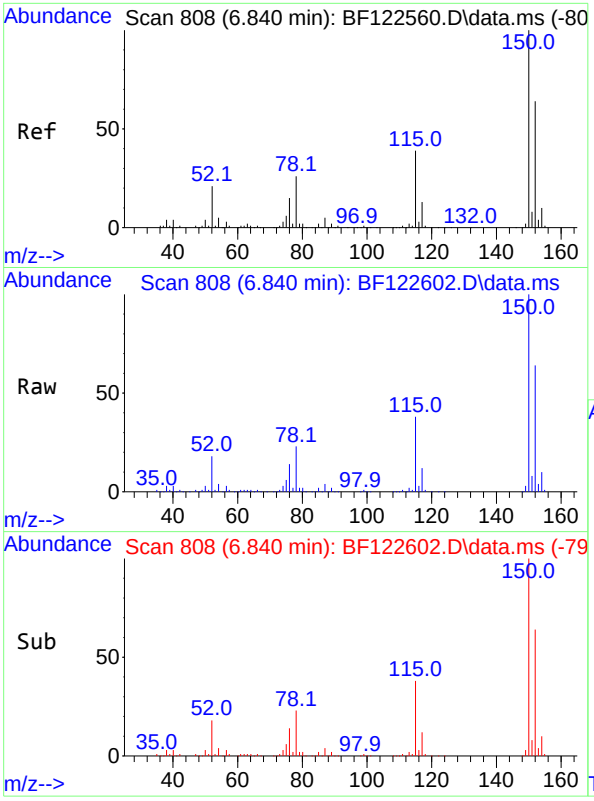


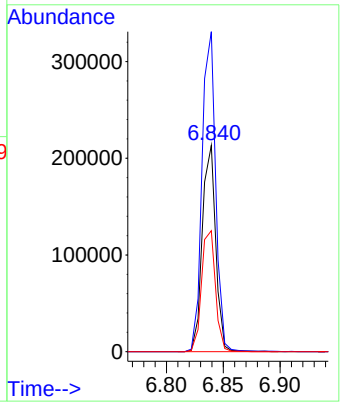
Instrument :
BNA_F
ClientSampleId :
CRT012

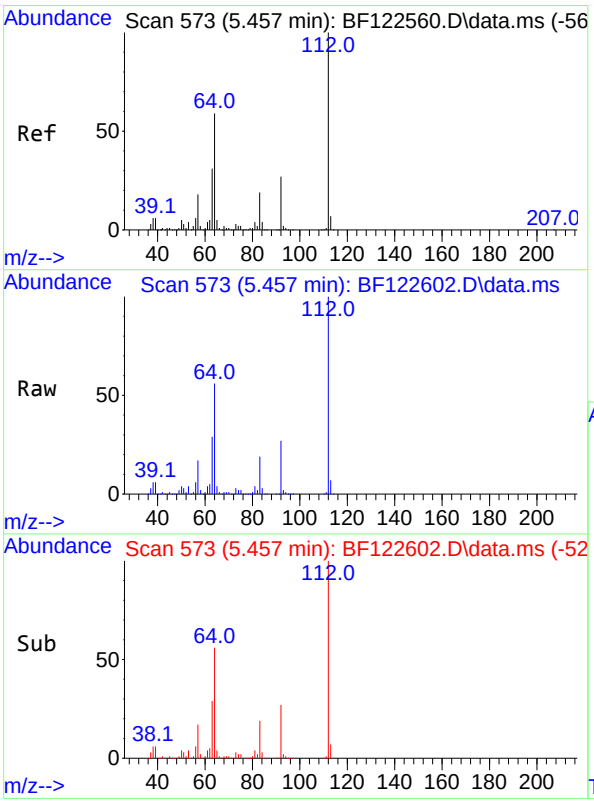


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

Tgt Ion:152 Resp: 175163

Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.8	188.6
115	58.6	49.3	73.9

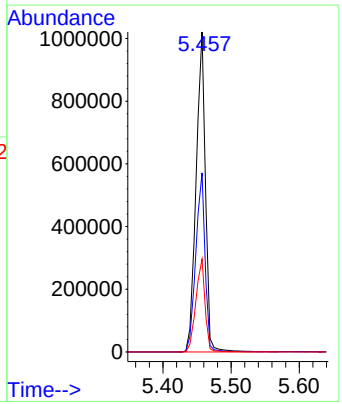




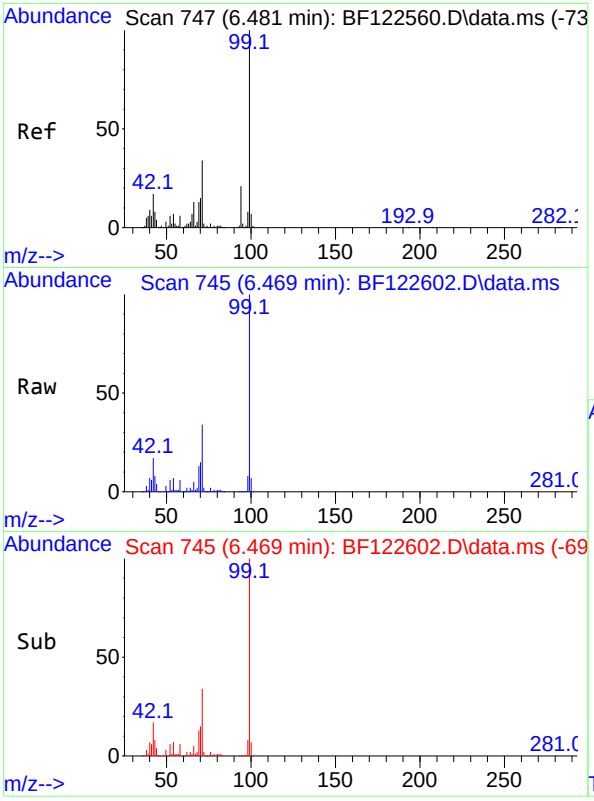
#5
2-Fluorophenol
Concen: 87.89 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

Tgt Ion:112 Resp: 972450

Ion	Ratio	Lower	Upper
112	100		
64	55.9	46.9	70.3
63	29.0	24.5	36.7



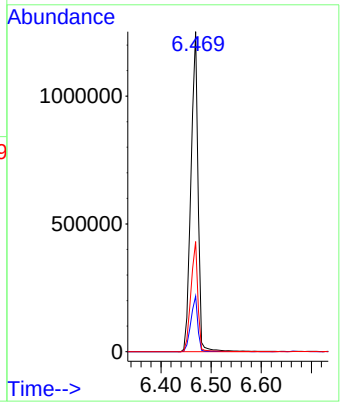
Instrument :
BNA_F
ClientSampleId :
CRT012

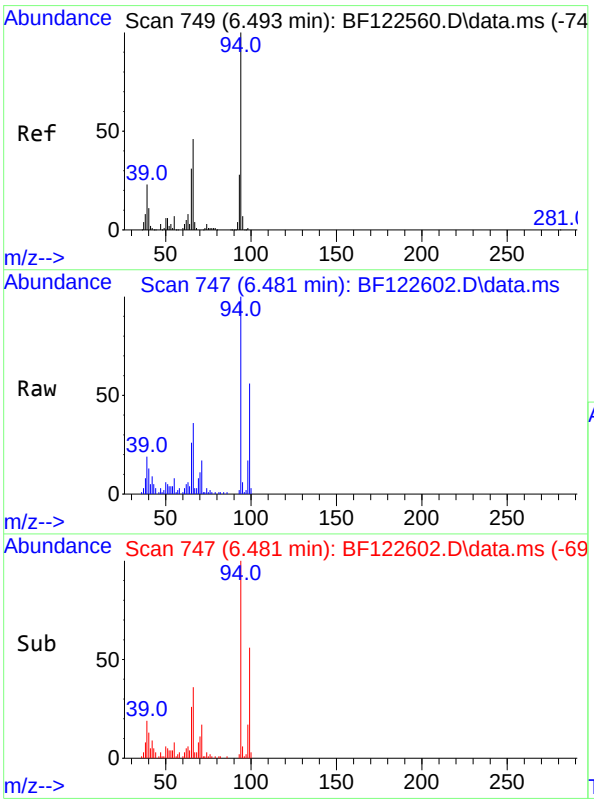


#7
Phenol-d6
Concen: 84.18 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

Tgt Ion: 99 Resp: 1235184

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.8	20.6
71	34.4	26.9	40.3

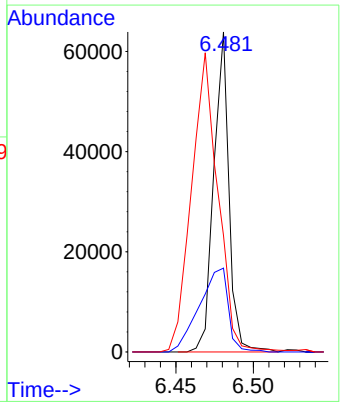




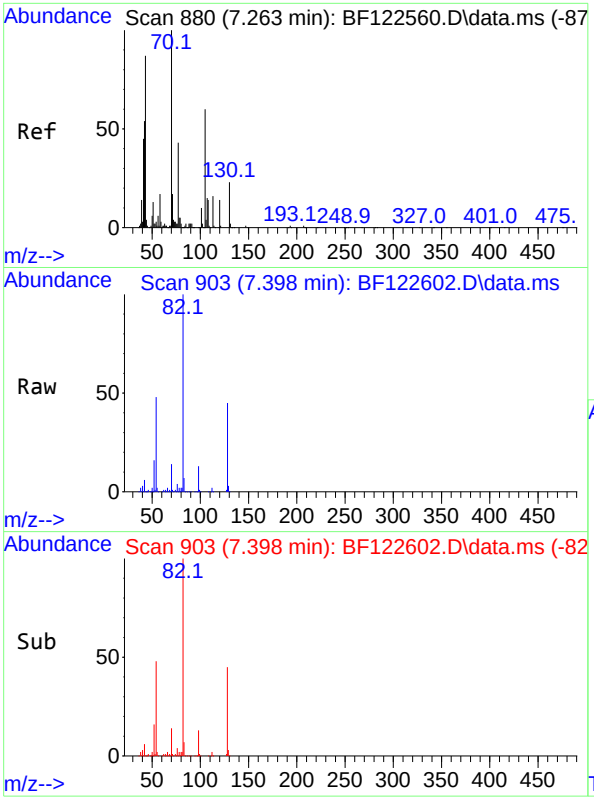
#10
Phenol
Concen: 2.87 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

Tgt Ion: 94 Resp: 43692

Ion	Ratio	Lower	Upper
94	100		
65	26.2	11.2	51.2
66	36.5	25.8	65.8



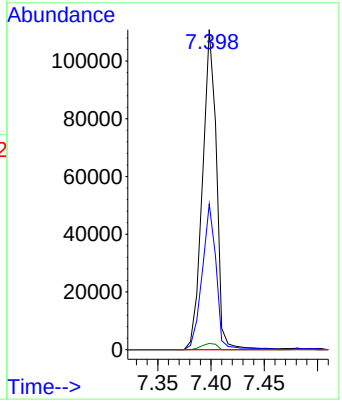
Instrument :
BNA_F
ClientSampleId :
CRT012

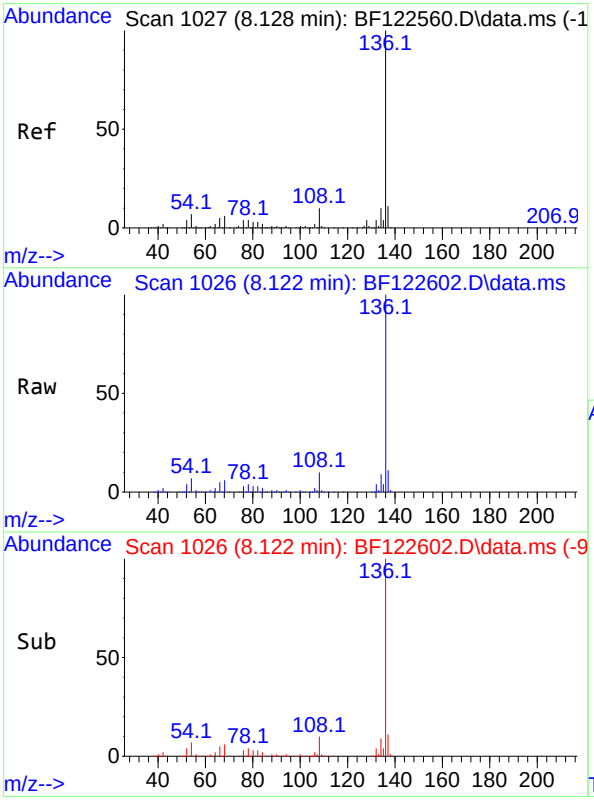


#19
n-Nitroso-di-n-propylamine
Concen: 12.11 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

Tgt Ion: 70 Resp: 101768

Ion	Ratio	Lower	Upper
70	100		
42	45.5	43.0	64.4
101	0.0	7.9	11.9#
130	1.9	18.5	27.7#

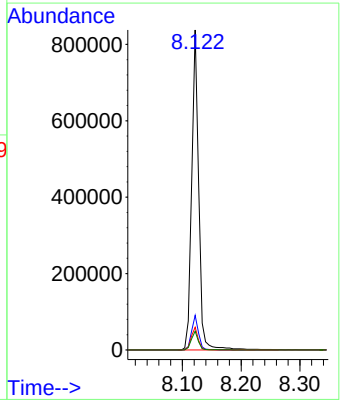




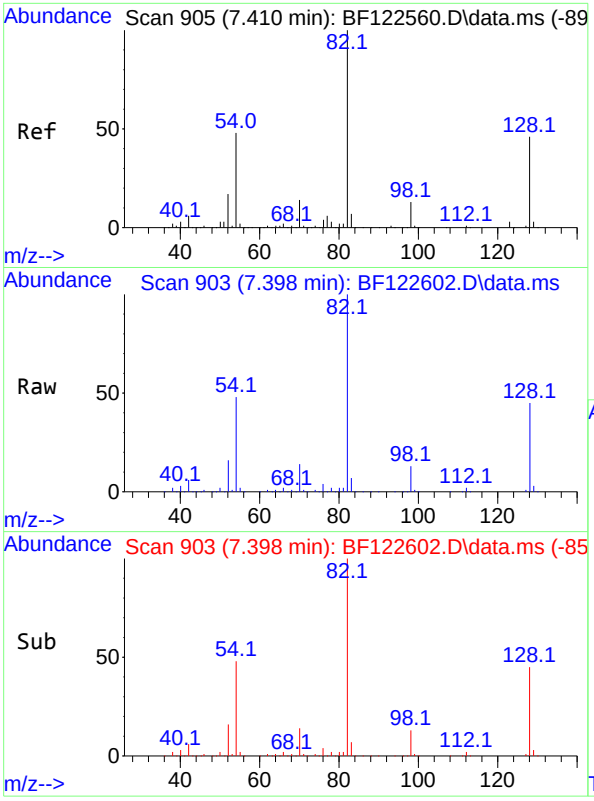
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

Tgt Ion:136 Resp: 695163

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.1	5.5	8.3
68	5.8	4.6	6.8



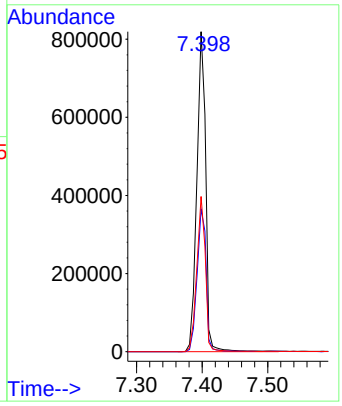
Instrument :
BNA_F
ClientSampleId :
CRT012

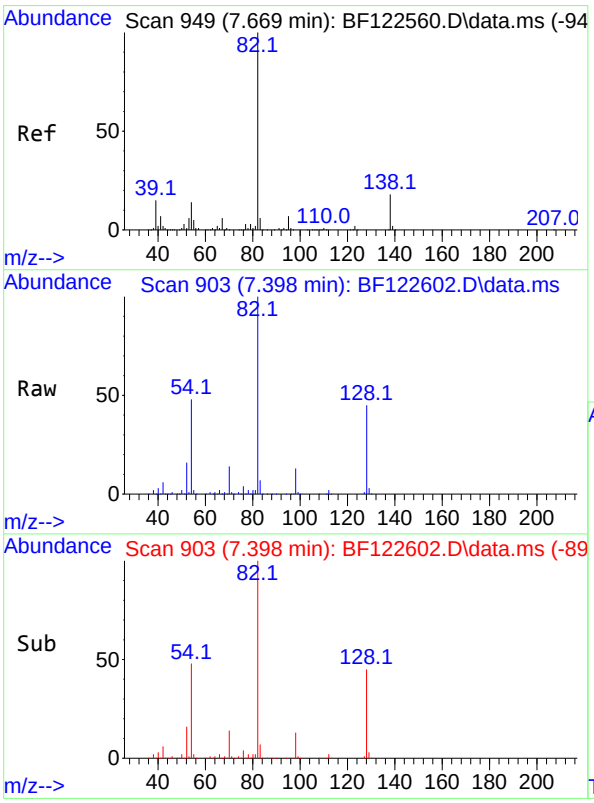


#23
Nitrobenzene-d5
Concen: 55.58 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

Tgt Ion: 82 Resp: 771114

Ion	Ratio	Lower	Upper
82	100		
128	44.6	37.0	55.4
54	48.5	38.4	57.6

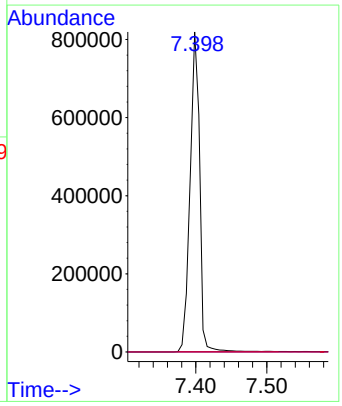




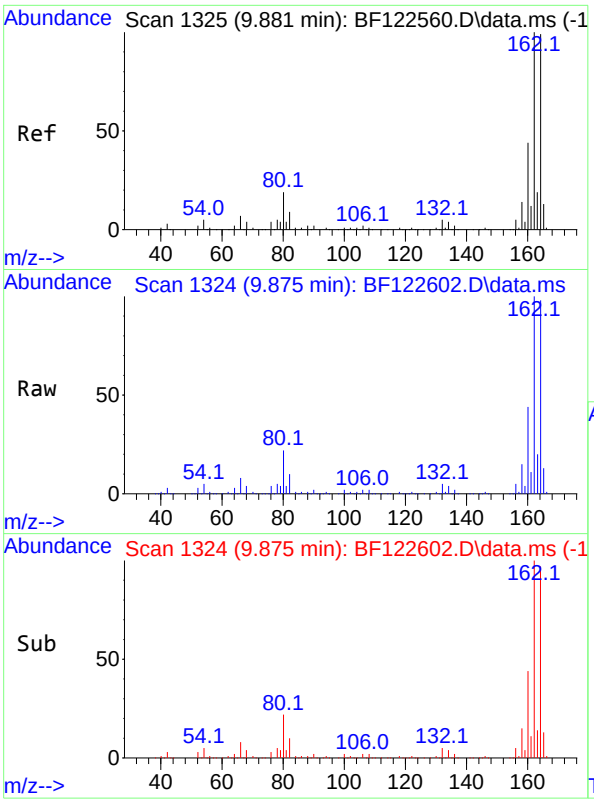
#25
Isophorone
Concen: 31.98 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.271 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

Tgt Ion: 82 Resp: 764192

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



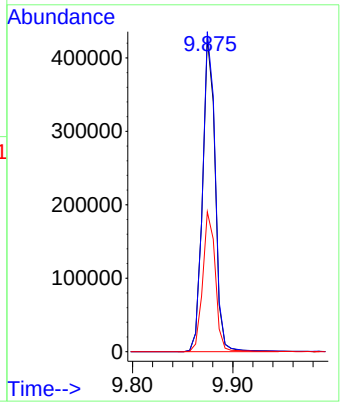
Instrument :
BNA_F
ClientSampleId :
CRT012

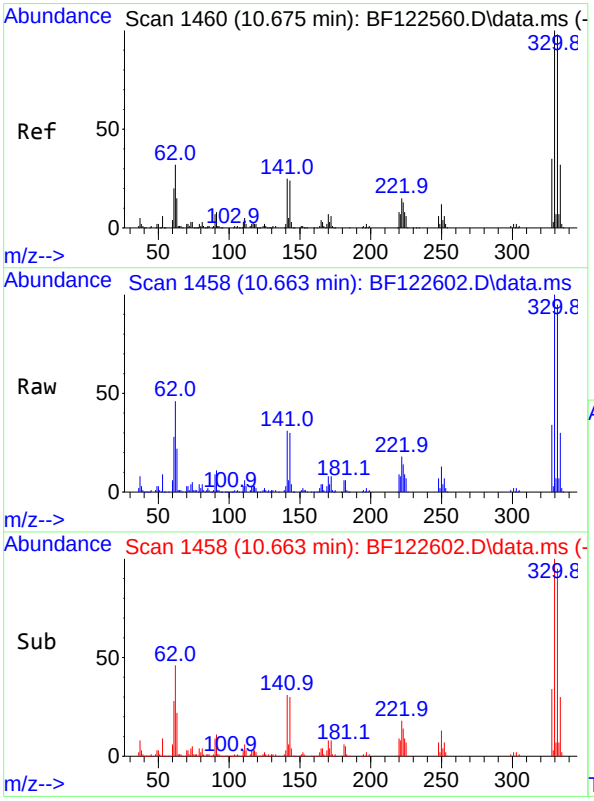


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

Tgt Ion:164 Resp: 373833

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.8	121.2
160	44.6	35.4	53.0

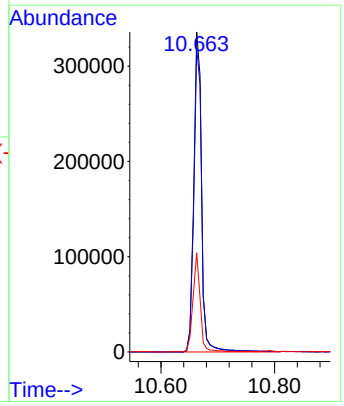


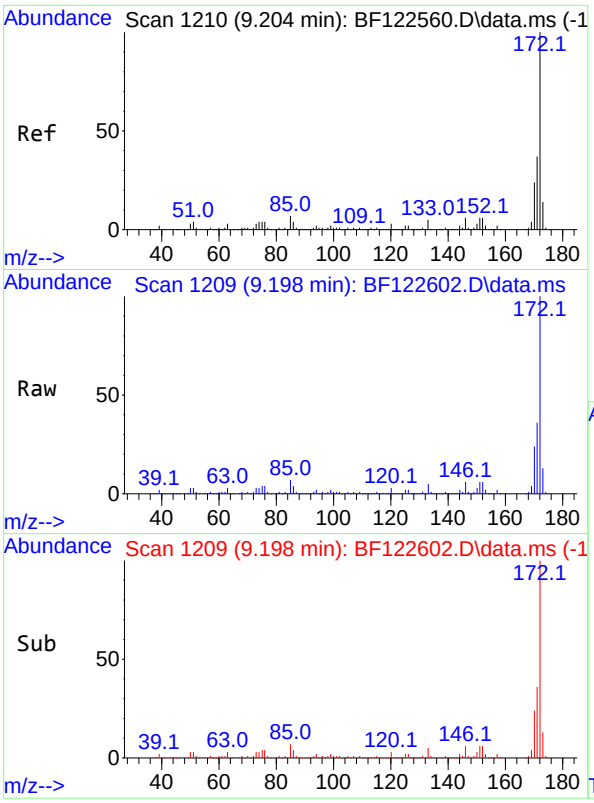


#42
2,4,6-Tribromophenol
Concen: 65.54 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

Tgt Ion:330 Resp: 320711

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.5	116.3
141	29.1	23.8	35.8

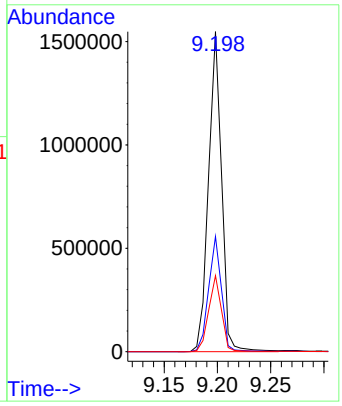




#45
2-Fluorobiphenyl
Concen: 47.89 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

Tgt Ion:172 Resp: 1323501

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.8	19.5	29.3



Instrument :
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ClientSampleId :
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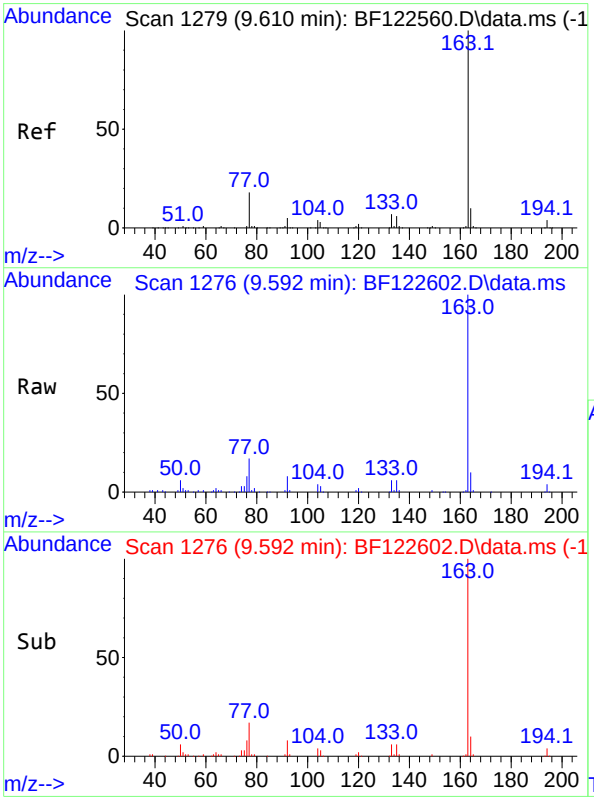
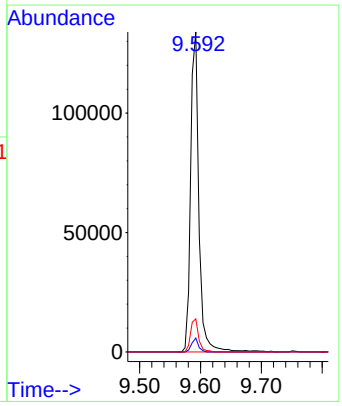


#50
Dimethylphthalate
Concen: 4.25 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

Tgt Ion:163 Resp: 126765

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.3	8.1	12.1



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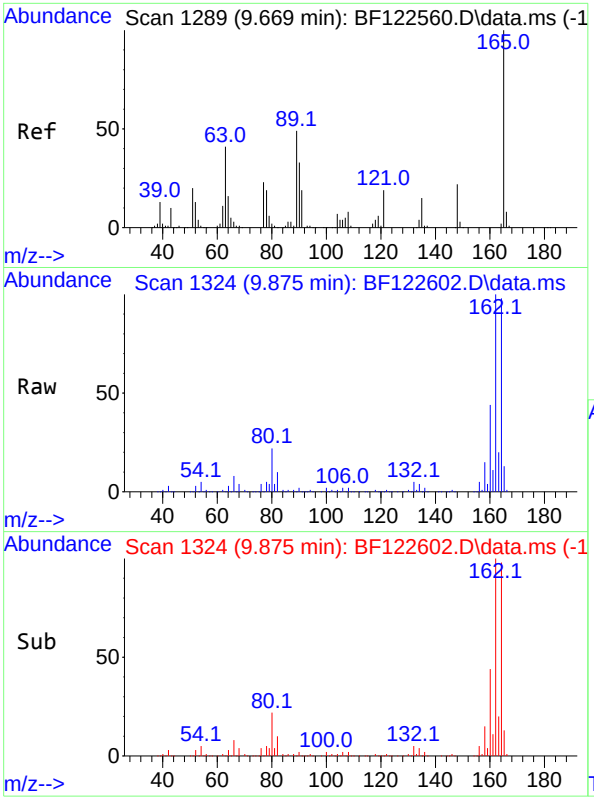
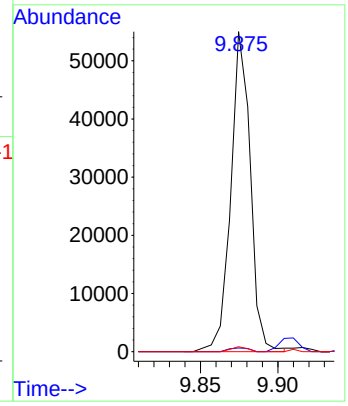
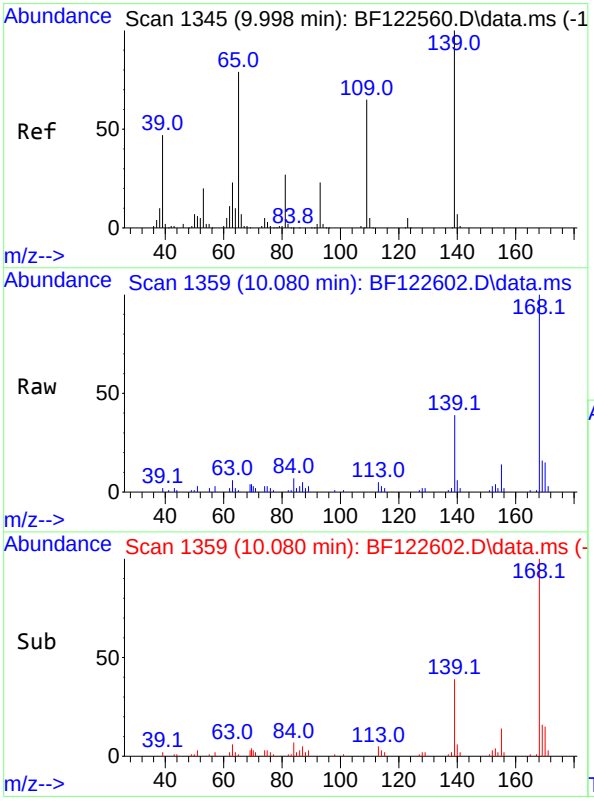


#51
2,6-Dinitrotoluene
Concen: 7.63 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

Tgt Ion:165 Resp: 48120

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.6	55.0#
89	1.5	39.4	59.0#

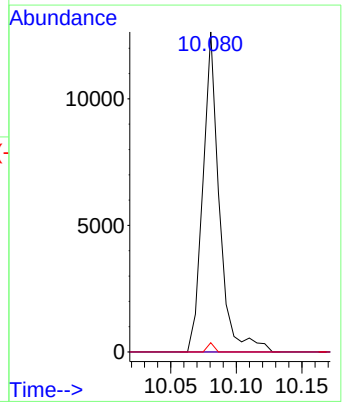




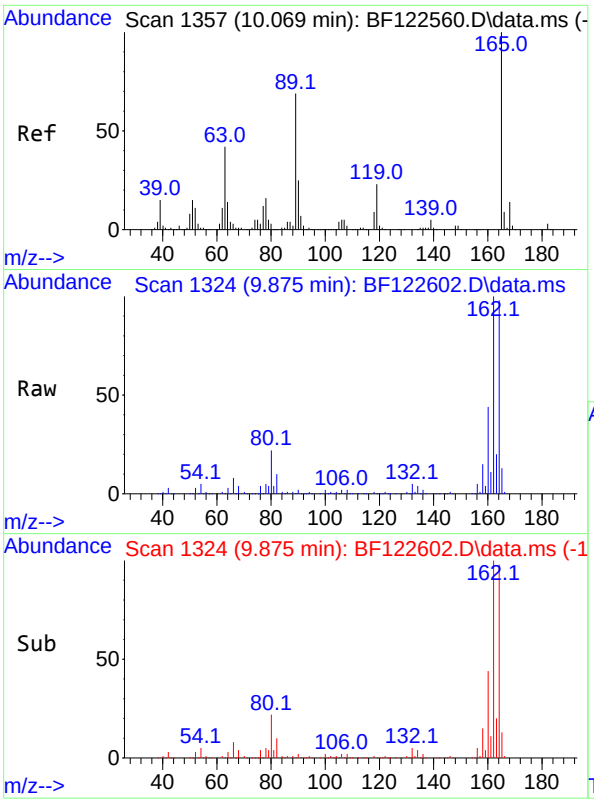
#56
4-Nitrophenol
Concen: 2.13 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.082 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

Tgt Ion:139 Resp: 11061

Ion	Ratio	Lower	Upper
139	100		
109	0.0	45.1	85.1#
65	2.9	59.2	99.2#



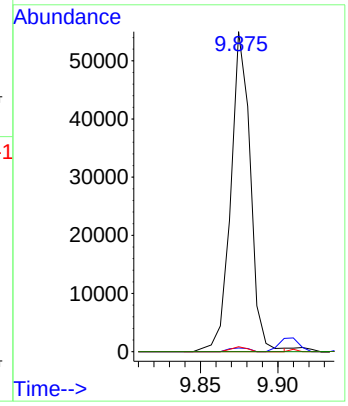
Instrument :
BNA_F
ClientSampleId :
CRT012

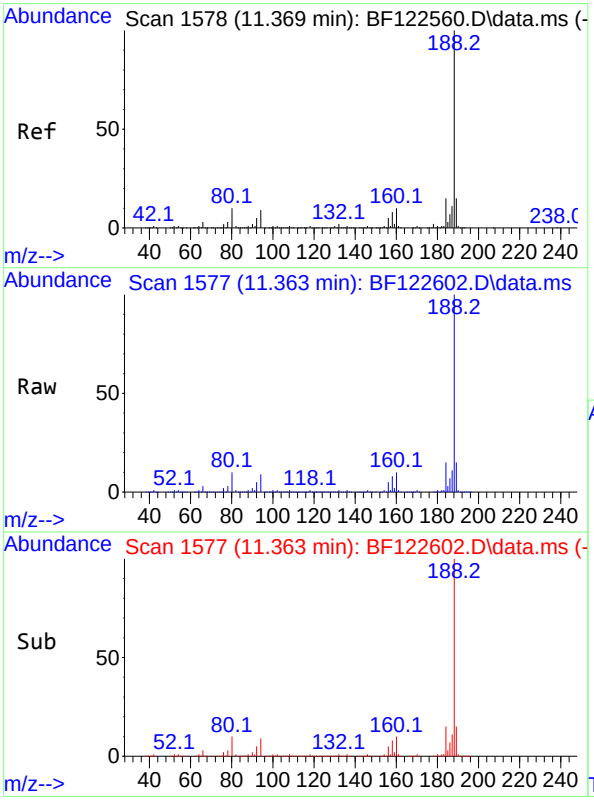


#57
2,4-Dinitrotoluene
Concen: 5.73 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

Tgt Ion:165 Resp: 48120

Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.3	51.5#
89	1.5	55.2	82.8#
182	0.0	2.2	3.2#

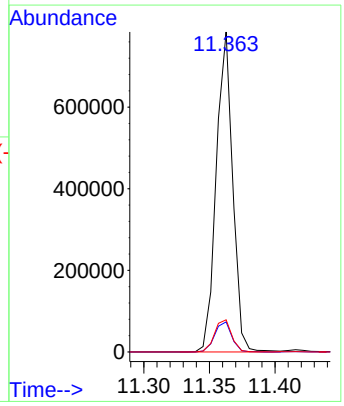




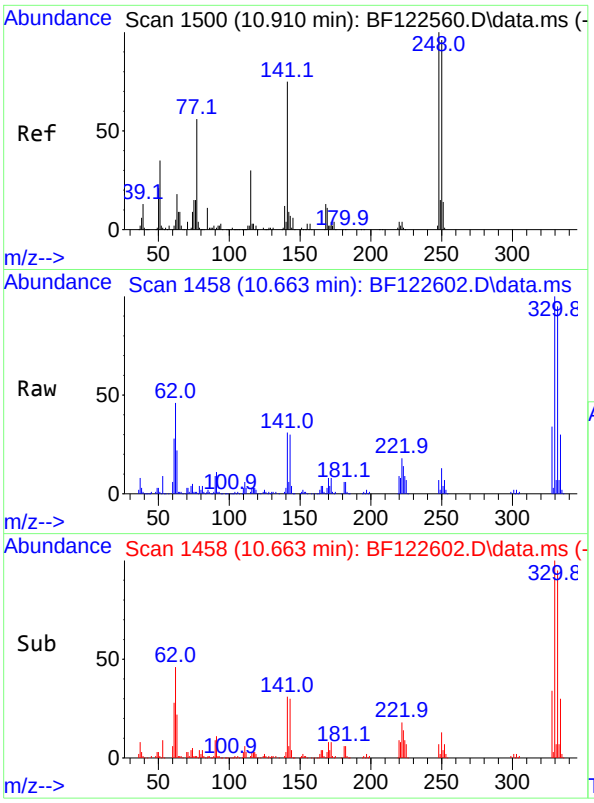
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

Tgt Ion:188 Resp: 683634

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.4	11.2
80	10.1	8.2	12.4



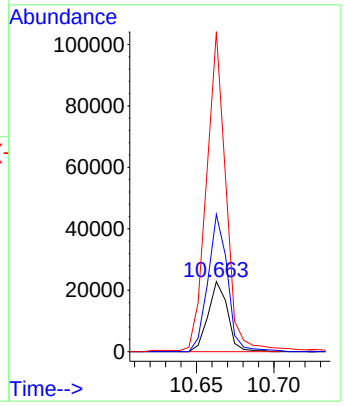
Instrument :
BNA_F
ClientSampleId :
CRT012

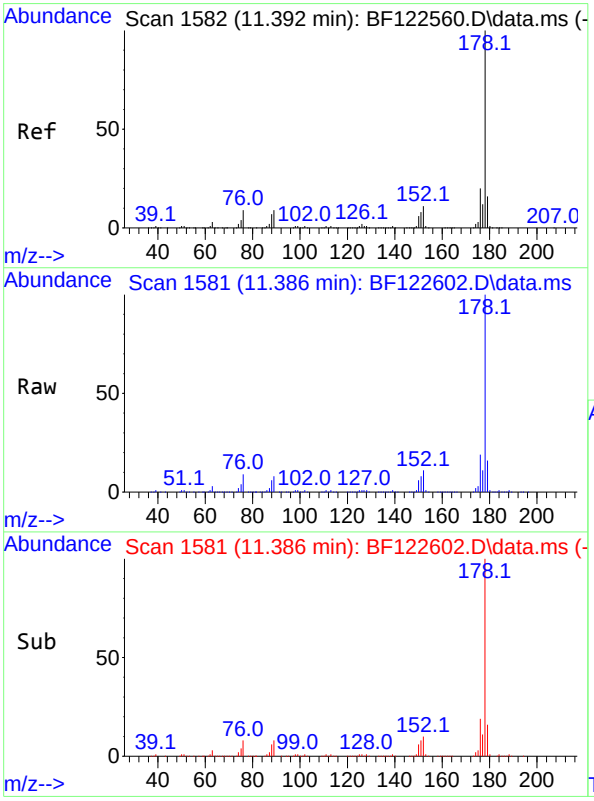


#67
4-Bromophenyl-phenylether
Concen: 2.17 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

Tgt Ion:248 Resp: 20069

Ion	Ratio	Lower	Upper
248	100		
250	195.7	76.8	115.2#
141	456.2	59.8	89.8#

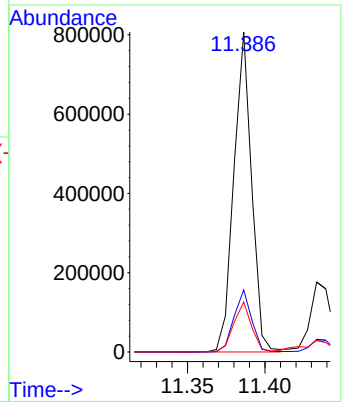




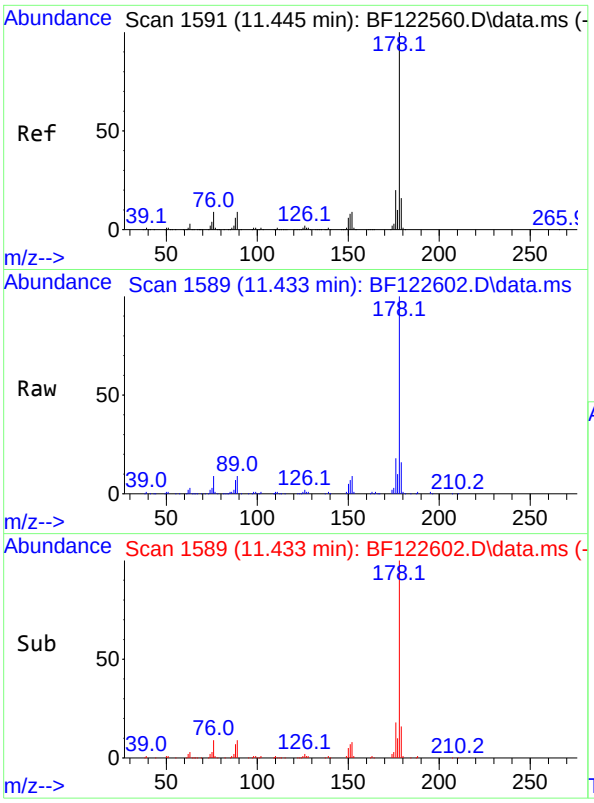
#71
Phenanthrene
Concen: 15.82 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

Tgt Ion:178 Resp: 642771

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.2
179	15.6	12.7	19.1



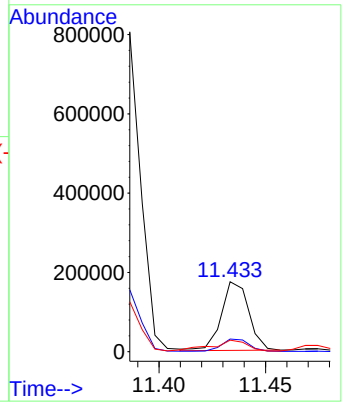
Instrument :
BNA_F
ClientSampleId :
CRT012

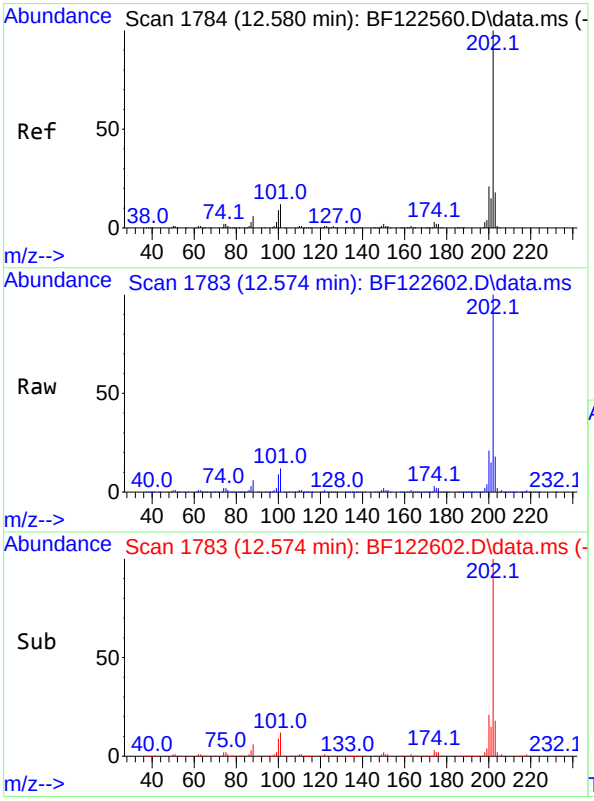


#72
Anthracene
Concen: 3.87 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

Tgt Ion:178 Resp: 155791

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.6	23.4
179	16.4	12.8	19.2

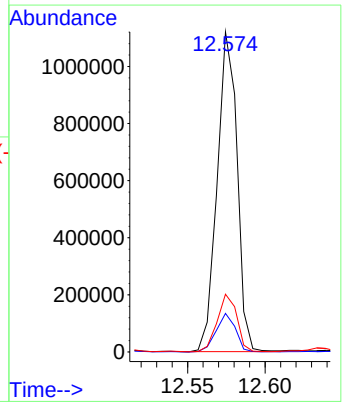




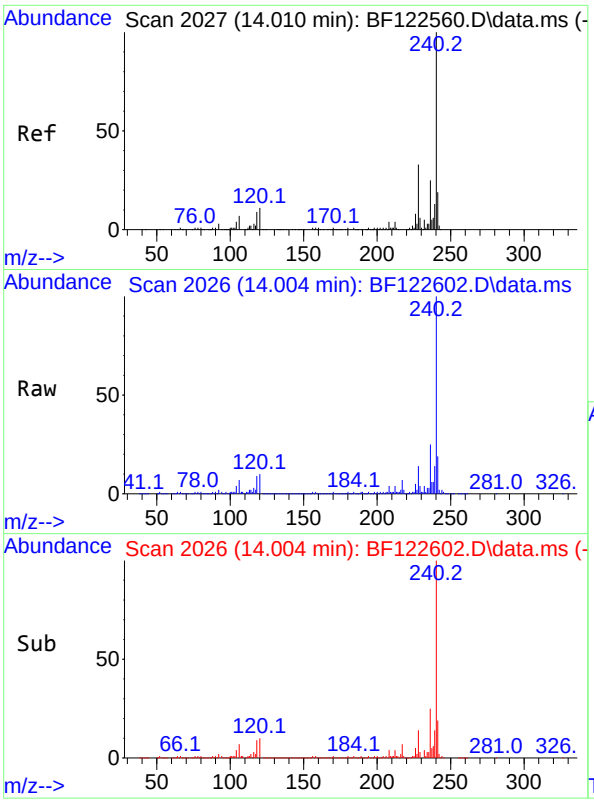
#75
Fluoranthene
Concen: 23.49 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

Tgt Ion:202 Resp: 1000993

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	32.2
203	18.1	0.0	38.1



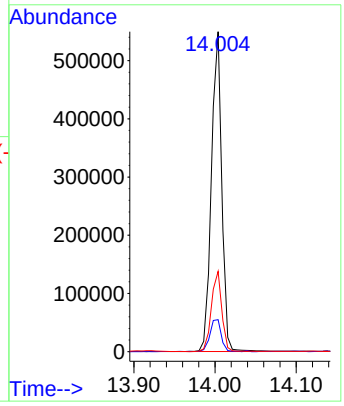
Instrument :
BNA_F
ClientSampleId :
CRT012

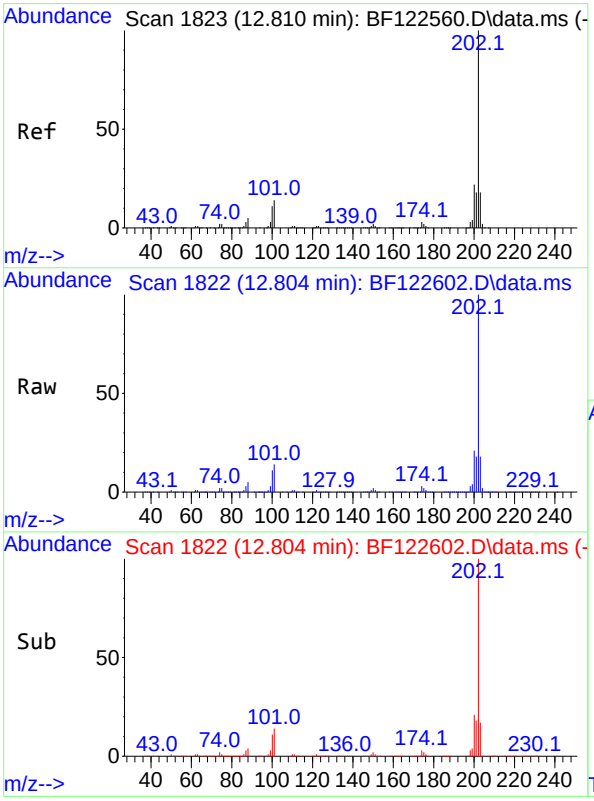


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

Tgt Ion:240 Resp: 484867

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.6	12.8
236	25.1	20.3	30.5

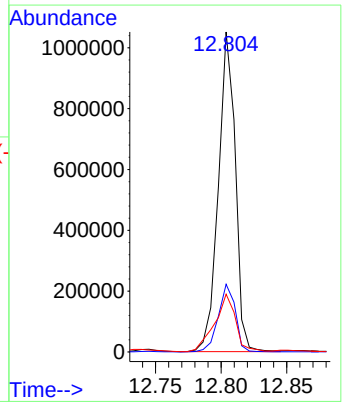




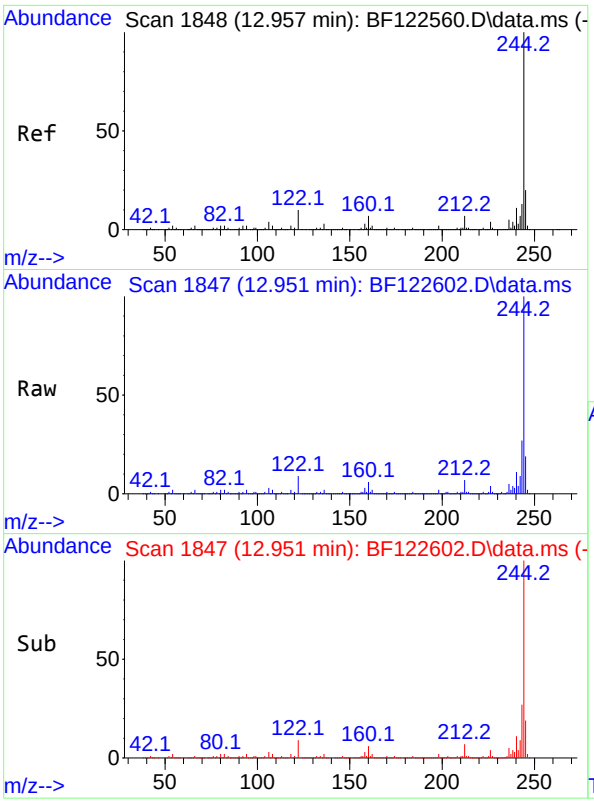
#78
Pyrene
Concen: 25.18 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

Tgt Ion:202 Resp: 943919

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.6	26.4
203	18.0	14.6	21.8



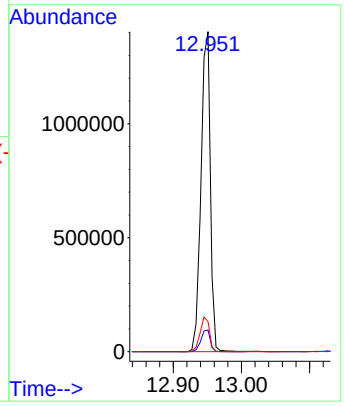
Instrument :
BNA_F
ClientSampleId :
CRT012

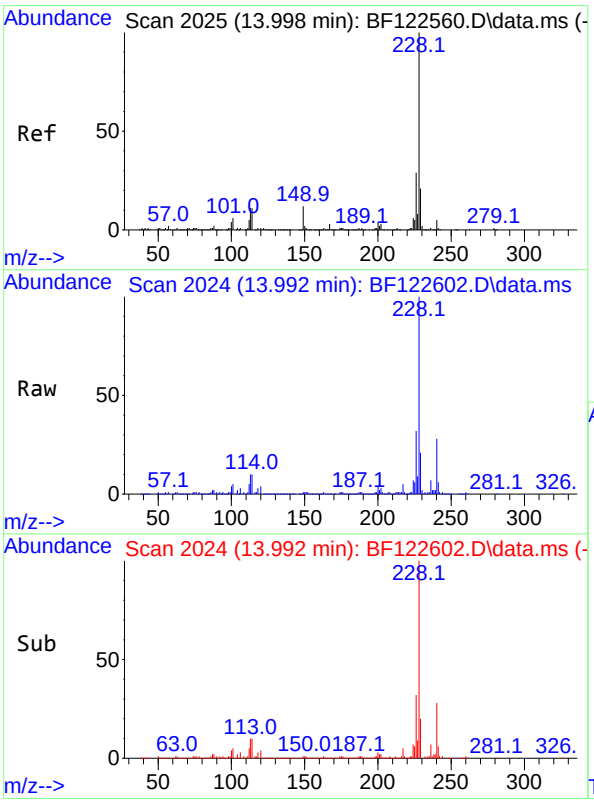


#79
Terphenyl-d14
Concen: 48.32 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

Tgt Ion:244 Resp: 1338467

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	9.4	8.3	12.5

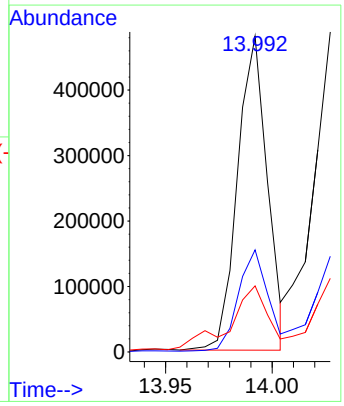




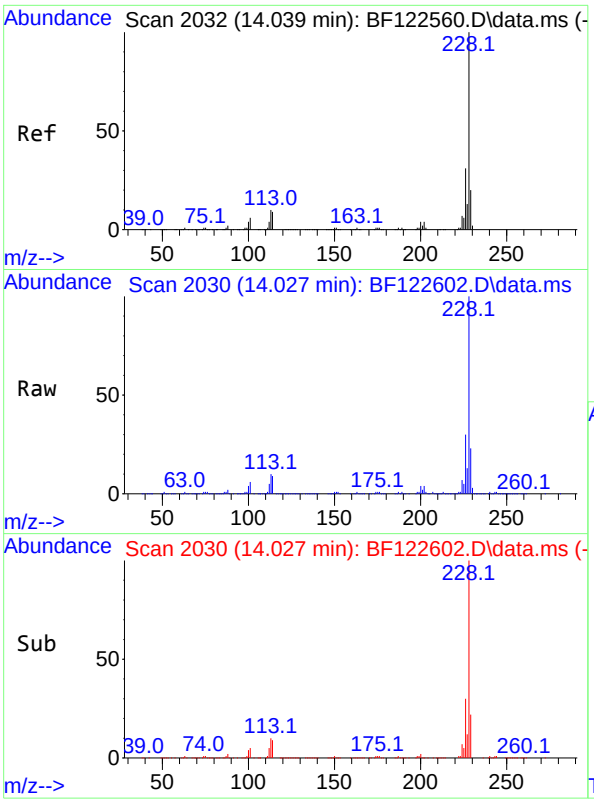
#81
Benzo(a)anthracene
Concen: 14.41 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

Tgt Ion:228 Resp: 467006

Ion	Ratio	Lower	Upper
228	100		
226	32.3	23.0	34.4
229	20.9	16.6	24.8



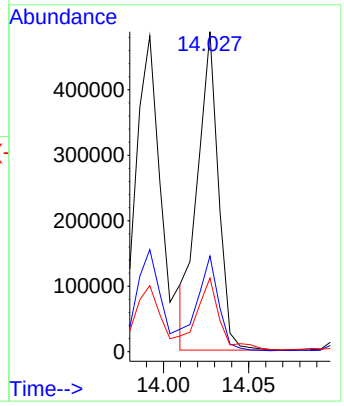
Instrument :
BNA_F
ClientSampleId :
CRT012

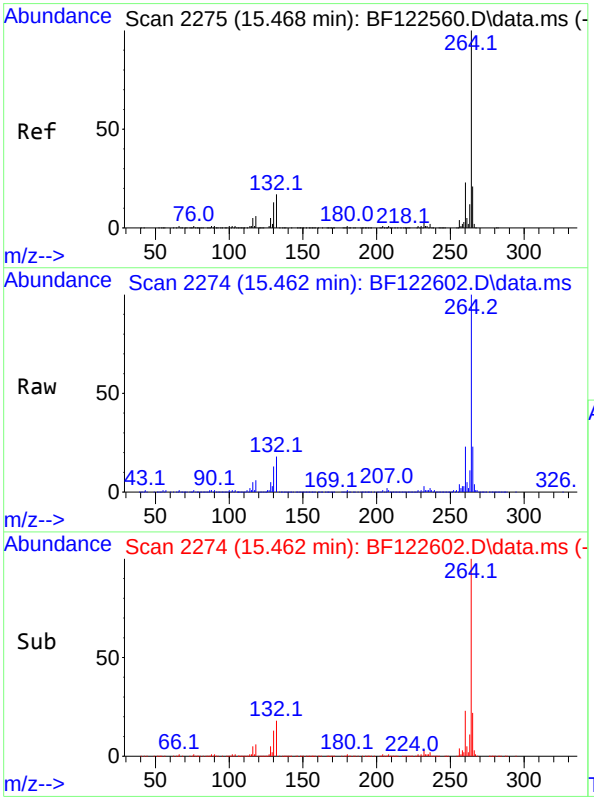


#83
Chrysene
Concen: 12.89 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

Tgt Ion:228 Resp: 415751

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.6	36.8
229	23.0	15.8	23.6

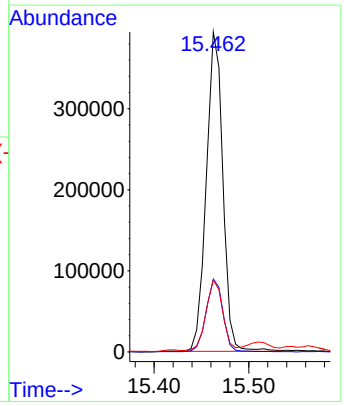




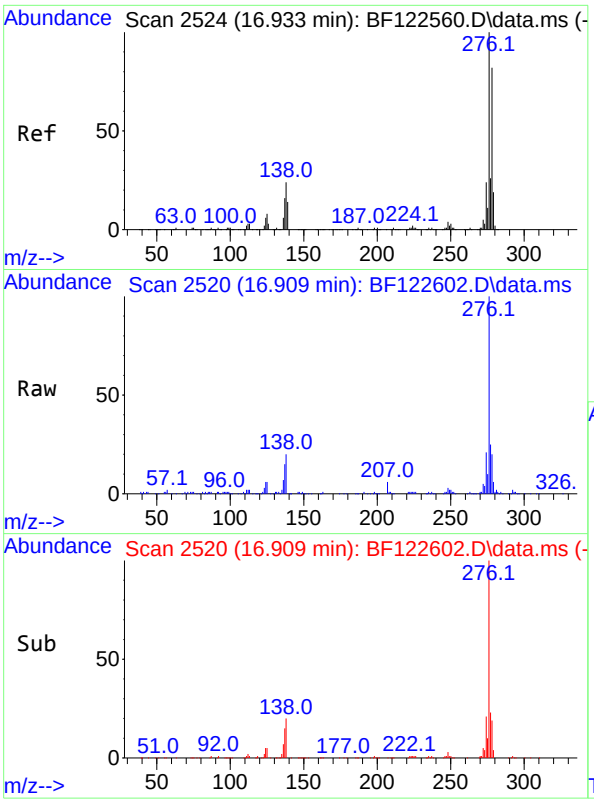
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

Tgt Ion:264 Resp: 478924

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	28.0
265	22.5	17.0	25.6



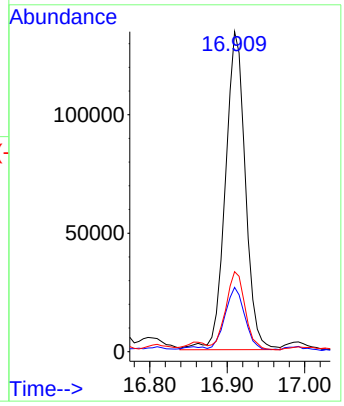
Instrument :
BNA_F
ClientSampleId :
CRT012

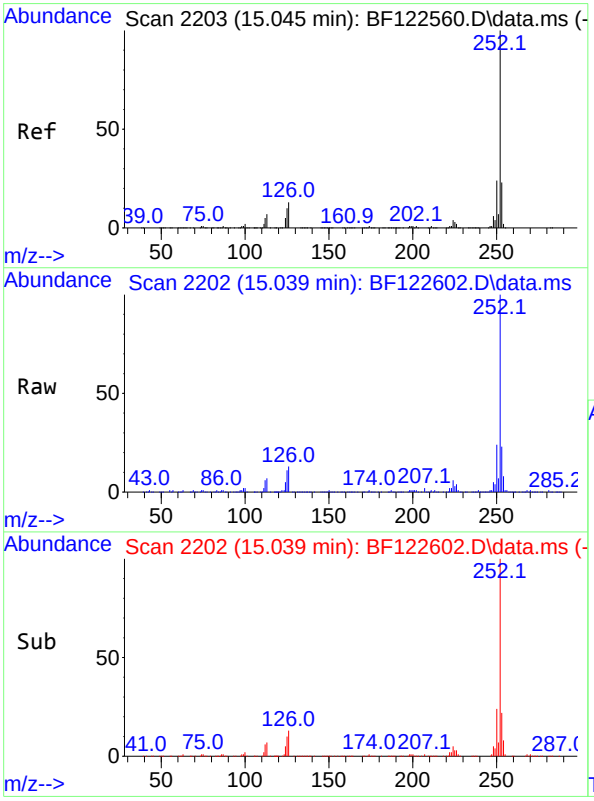


#87
Indeno(1,2,3-cd)pyrene
Concen: 7.68 ng
RT: 16.909 min Scan# 2520
Delta R.T. -0.024 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

Tgt Ion:276 Resp: 241305

Ion	Ratio	Lower	Upper
276	100		
138	19.8	18.7	28.1
277	23.9	20.2	30.4

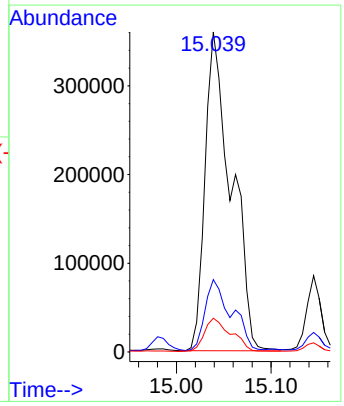




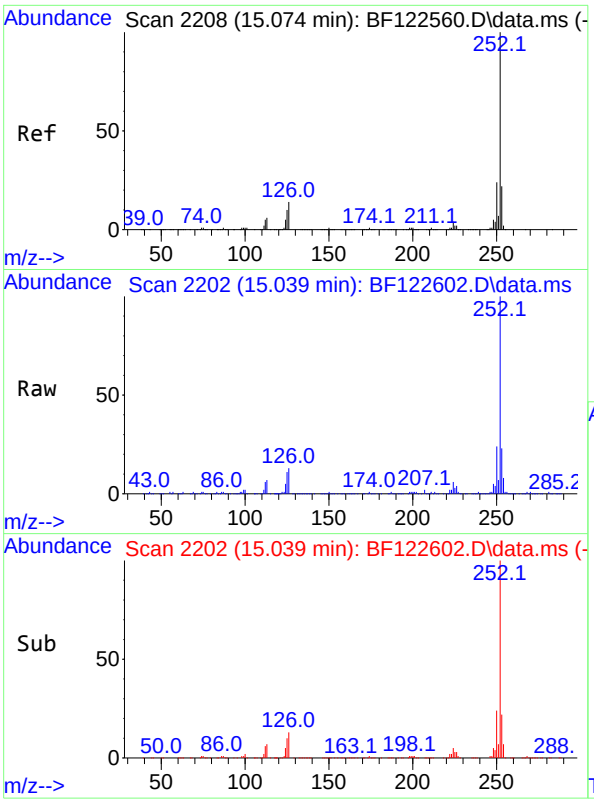
#88
Benzo(b)fluoranthene
Concen: 20.62 ng
RT: 15.039 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

Tgt Ion:252 Resp: 693019

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.3	27.5
125	10.5	8.1	12.1



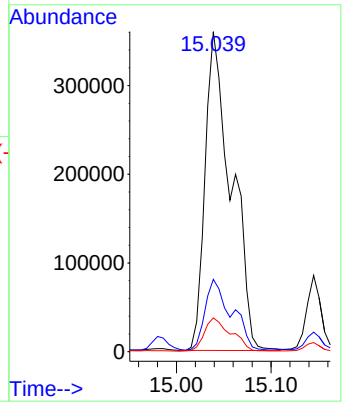
Instrument :
BNA_F
ClientSampleId :
CRT012

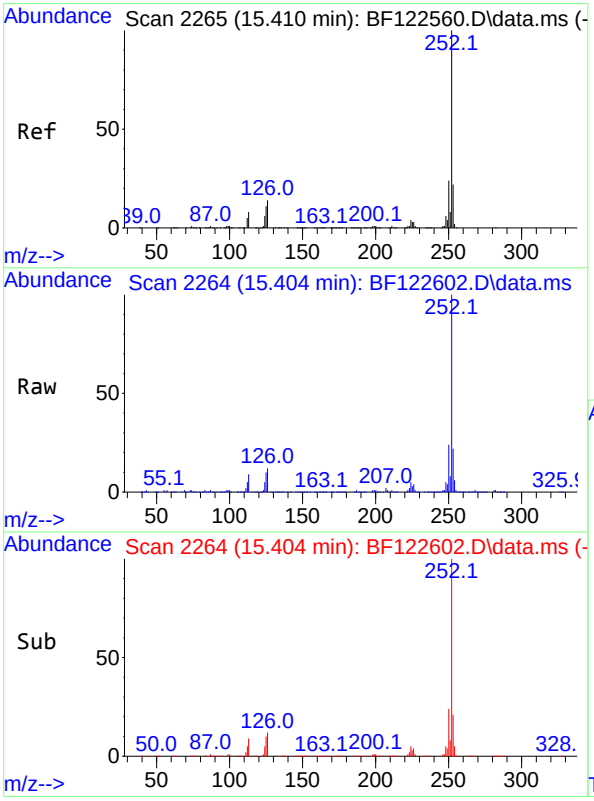


#89
Benzo(k)fluoranthene
Concen: 22.56 ng
RT: 15.039 min Scan# 2202
Delta R.T. -0.035 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

Tgt Ion:252 Resp: 693019

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	10.5	8.4	12.6

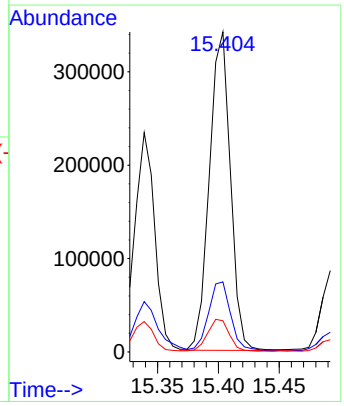




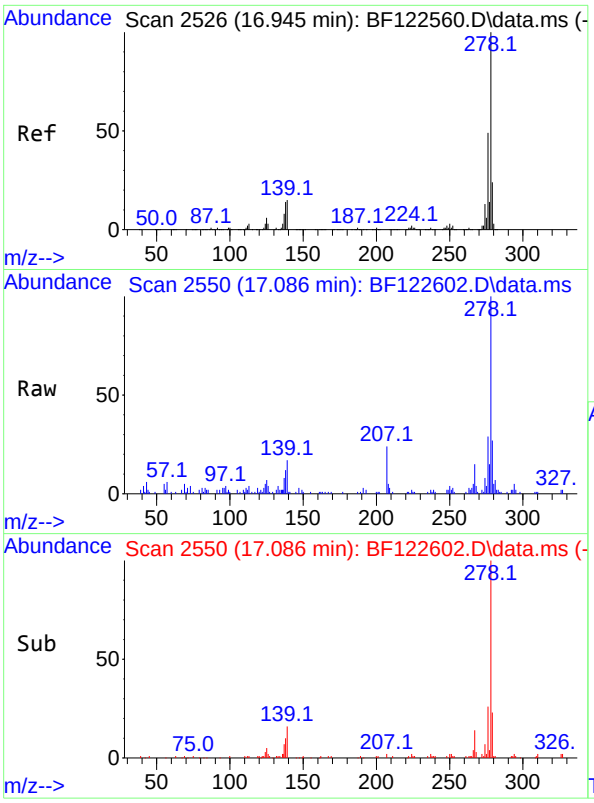
#90
Benzo(a)pyrene
Concen: 13.96 ng
RT: 15.404 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

Tgt Ion:252 Resp: 410271

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.7	8.6	12.8



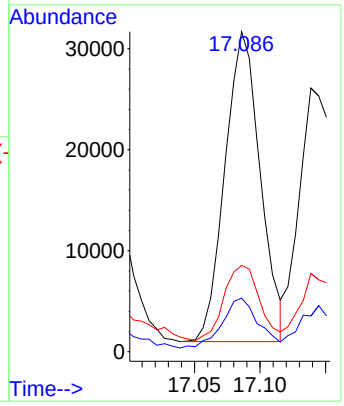
Instrument :
BNA_F
ClientSampleId :
CRT012

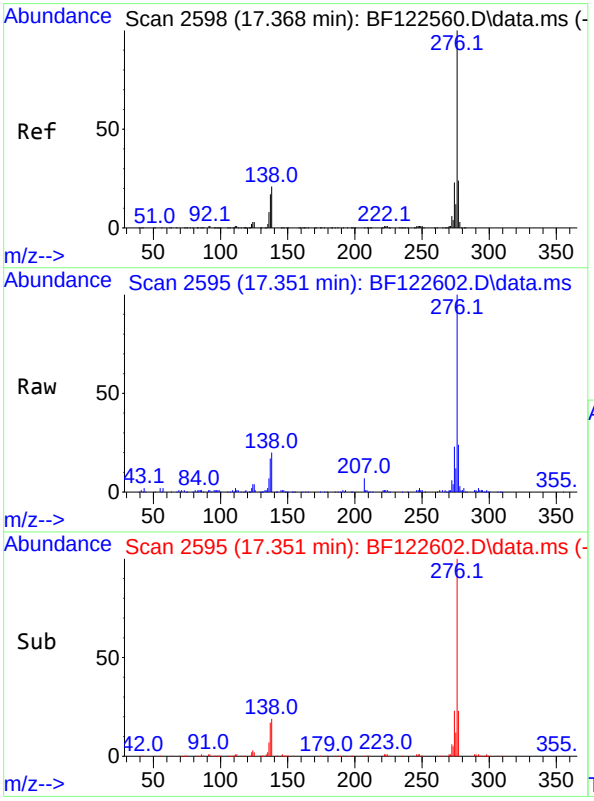


#91
Dibenzo(a,h)anthracene
Concen: 2.23 ng
RT: 17.086 min Scan# 2550
Delta R.T. 0.141 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

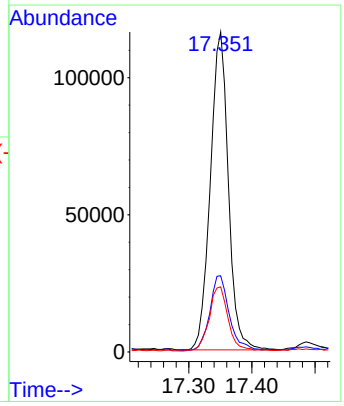
Tgt Ion:278 Resp: 57465

Ion	Ratio	Lower	Upper
278	100		
139	16.7	12.0	18.0
279	27.0	19.4	29.2





#92
Benzo(g,h,i)perylene
Concen: 9.23 ng
RT: 17.351 min Scan# 2595
Delta R.T. -0.018 min
Lab File: BF122602.D
Acq: 8 Dec 2020 22:26

Tgt Ion:276 Resp: 229801

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.3	28.9
138	20.3	16.6	24.8