Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010320\

Quantitation Report (Not Reviewed)

Data File : BF118465.D
Acq On : 3 Jan 2020 19:08
Operator : JU
Sample : K6464-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4-(5-6)

Quant Time: Jan 04 00:05:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	58375	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	237390	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	131692	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	322010	20.00	ng		0.00
76) Chrysene-d12	14.04	240	221918	20.00	ng		-0.01
87) Perylene-d12	15.53	264	222806	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	366451	107.16	ng		0.00
7) Phenol-d6	6.49	99	473066	111.51	ng		0.00
23) Nitrobenzene-d5	7.41	82	304299	73.32	ng		-0.01
42) 2,4,6-Tribromophenol	10.69	330	226882	139.51	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	605293	70.16	ng		-0.01
79) Terphenyl-d14	12.97	244	957801	71.60	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	43539	16.660	ng	#	81
25) Isophorone	7.41	82	304295	42.067	ng	#	62
50) Dimethylphthalate	9.60	163	51787	5.239	ng		100
51) 2,6-Dinitrotoluene	9.89	165	17219	8.079	ng	#	26
56) 4-Nitrophenol	10.10	139	5766	3.734	ng	#	6
57) 2,4-Dinitrotoluene	9.89	165	17219	6.047	ng	#	30
67) 4-Bromophenyl-phenylether	10.69	248	13572	3.601	ng	#	1
71) Phenanthrene	11.41	178	242225	13.799	ng		99
72) Anthracene	11.46	178	54490	3.101	ng		96
75) Fluoranthene	12.61	202	289120	16.320	ng		99
77) Benzidine	12.97	184	14443	2.375	ng	#	95
78) Pyrene	12.84	202	257863	14.229	ng		100
81) Benzo(a)anthracene	14.03	228	123672	7.962	ng		98
83) Chrysene	14.06	228	108397	7.288	ng		99
86) Indeno(1,2,3-cd)pyrene	17.04	276	47110	3.717	ng		96
88) Benzo(b)fluoranthene	15.09	252	176717	11.949	ng		98
89) Benzo(k)fluoranthene	15.09	252	176717	12.444	ng		99
90) Benzo(a)pyrene	15.47	252	94418	7.247	ng		98
92) Benzo(g,h,i)perylene	17.49	276	48073	4.402	ng		98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010320\

Quantitation Report (Not Reviewed)

Data File : BF118465.D
Acq On : 3 Jan 2020 19:08
Operator : JU
Sample : K6464-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4-(5-6)

Quant Time: Jan 04 00:05:46 2020
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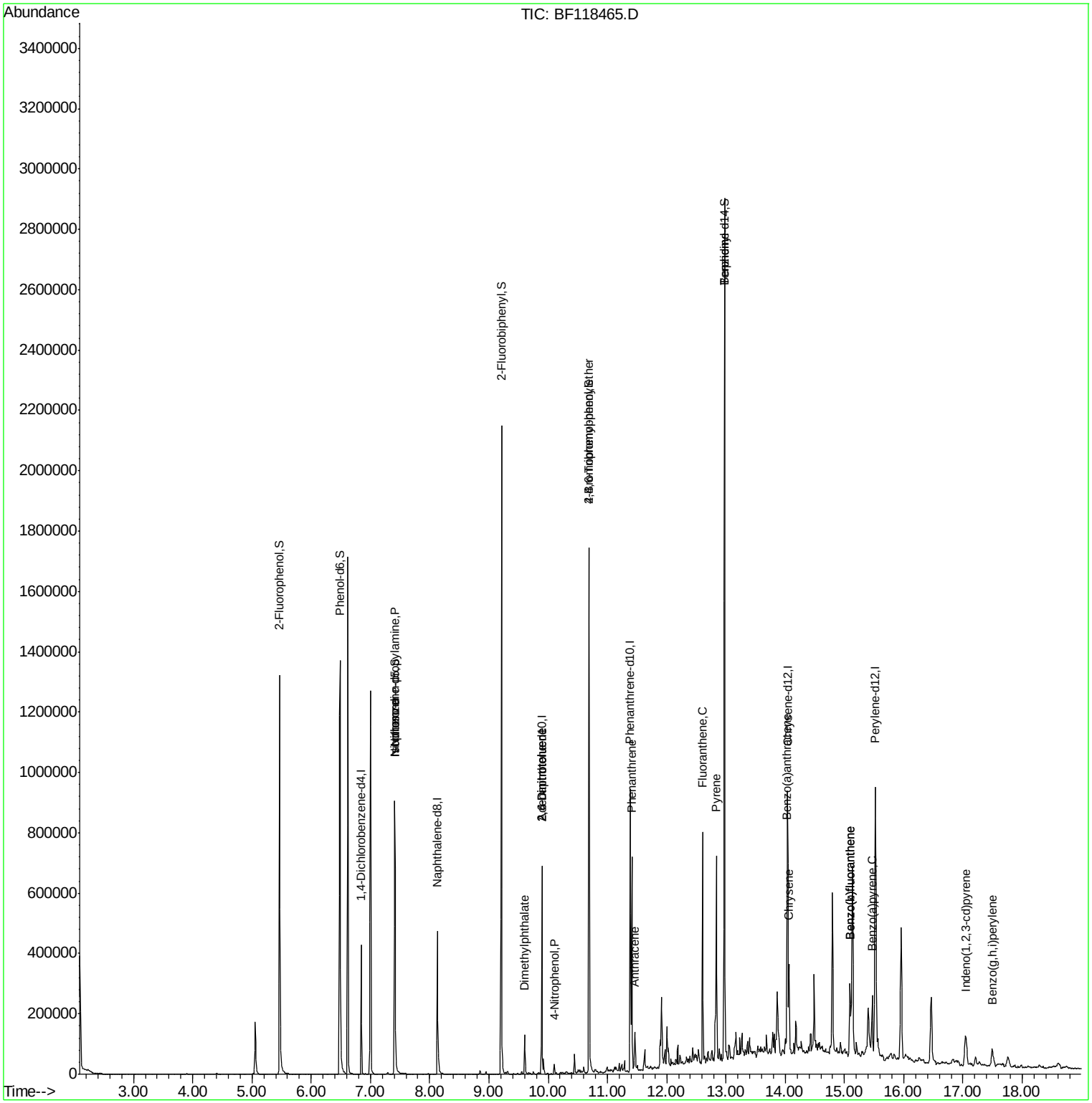
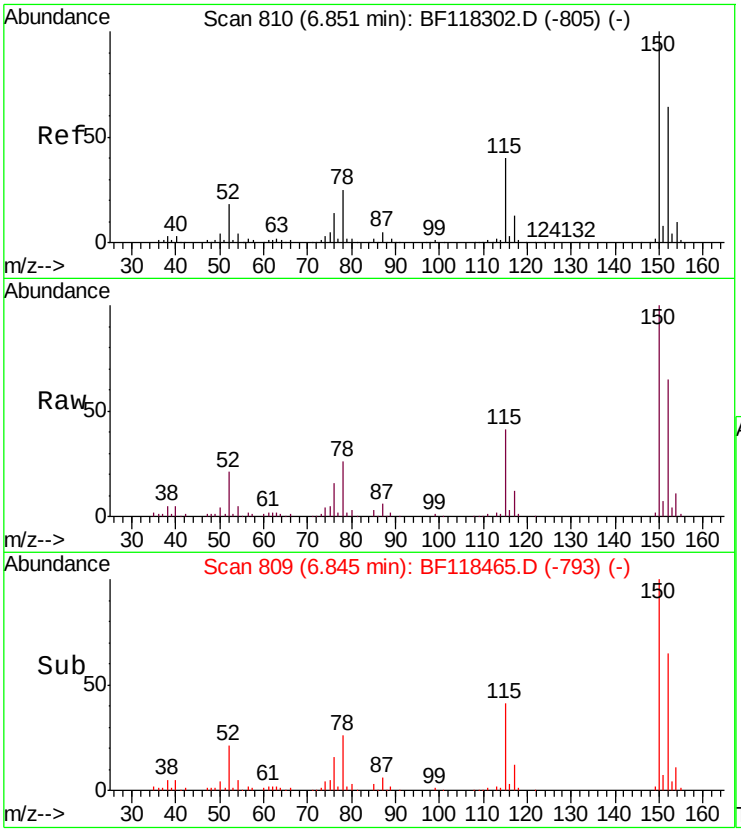


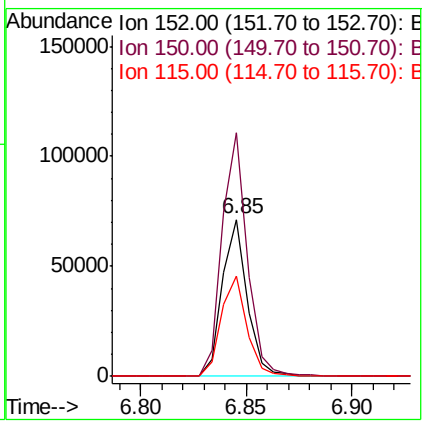


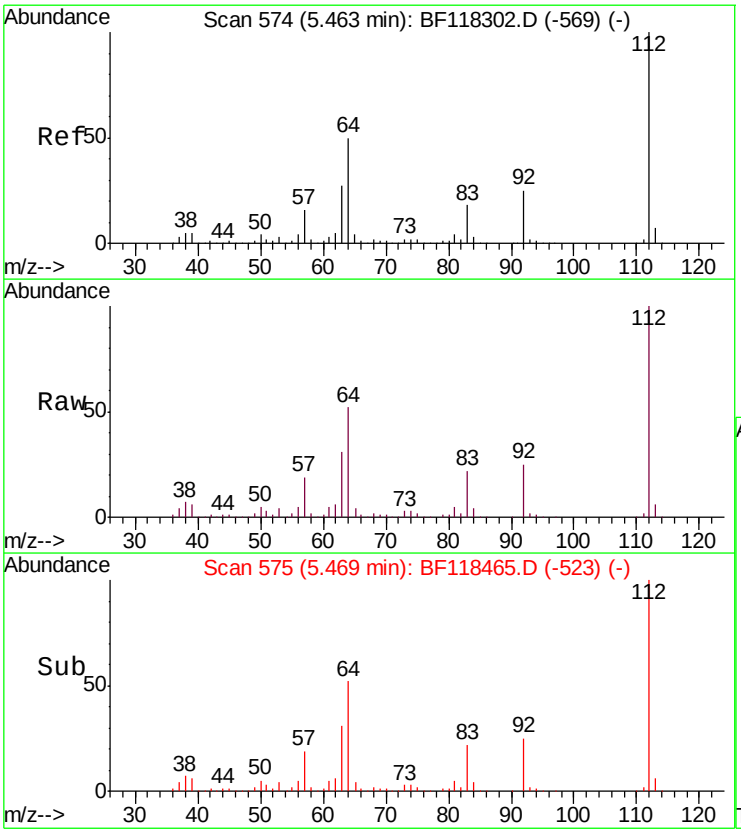
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Instrument :
BNA_F
ClientSampleId :
SB-4-(5-6)

Tgt Ion:152 Resp: 58375

Ion	Ratio	Lower	Upper
152	100		
150	155.0	125.4	188.2
115	63.4	50.2	75.4

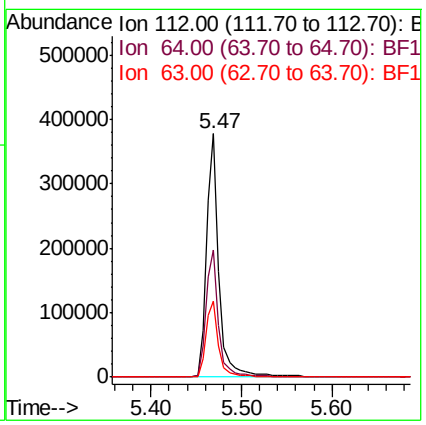


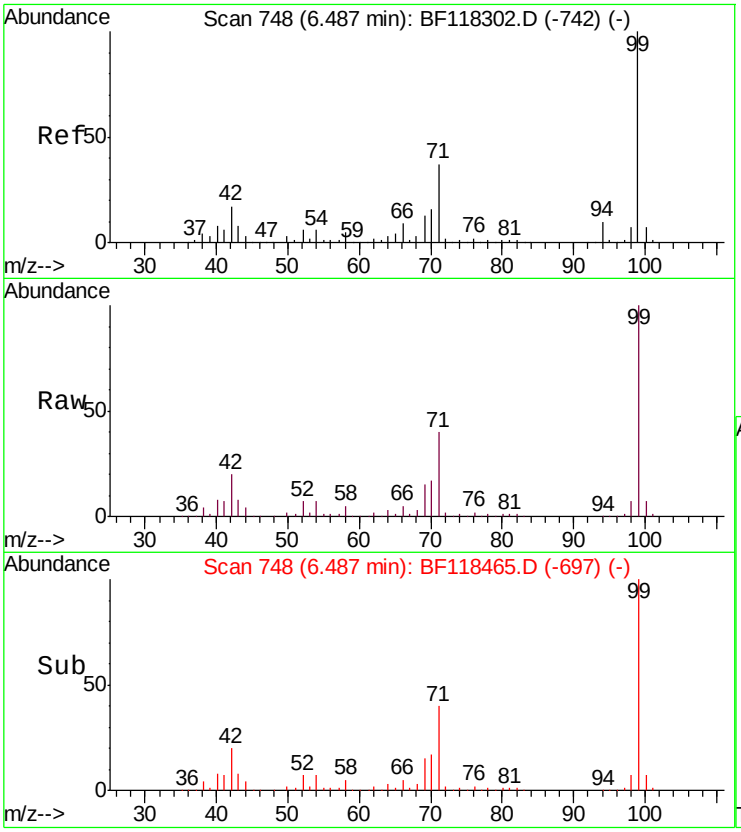


#5
2-Fluorophenol
Concen: 107.157 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Tgt Ion:112 Resp: 366451

Ion	Ratio	Lower	Upper
112	100		
64	52.4	39.7	59.5
63	31.0	21.7	32.5



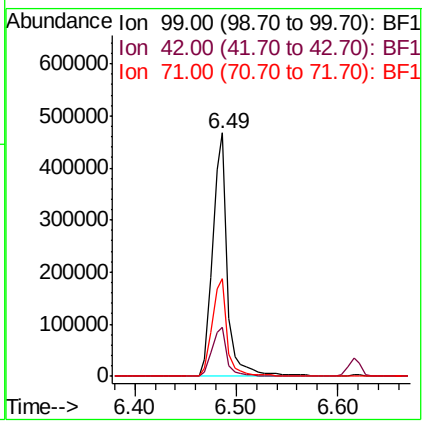


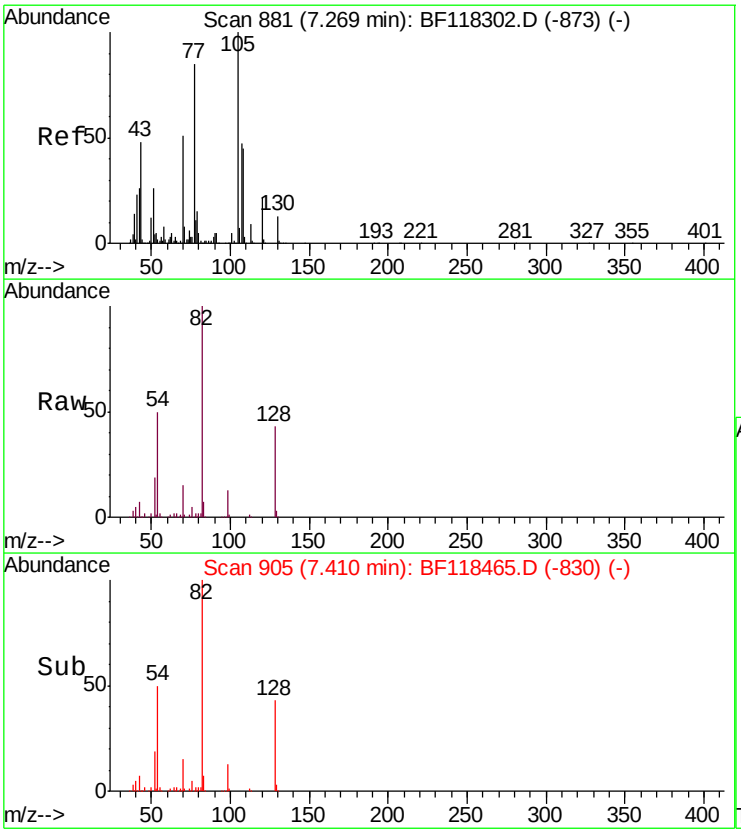
#7
Phenol-d6
Concen: 111.512 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Instrument :
BNA_F
ClientSampleId :
SB-4-(5-6)

Tgt Ion: 99 Resp: 473066

Ion	Ratio	Lower	Upper
99	100		
42	20.1	13.5	20.3
71	40.3	29.4	44.2

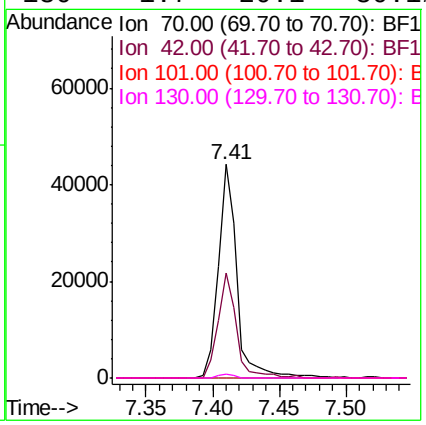


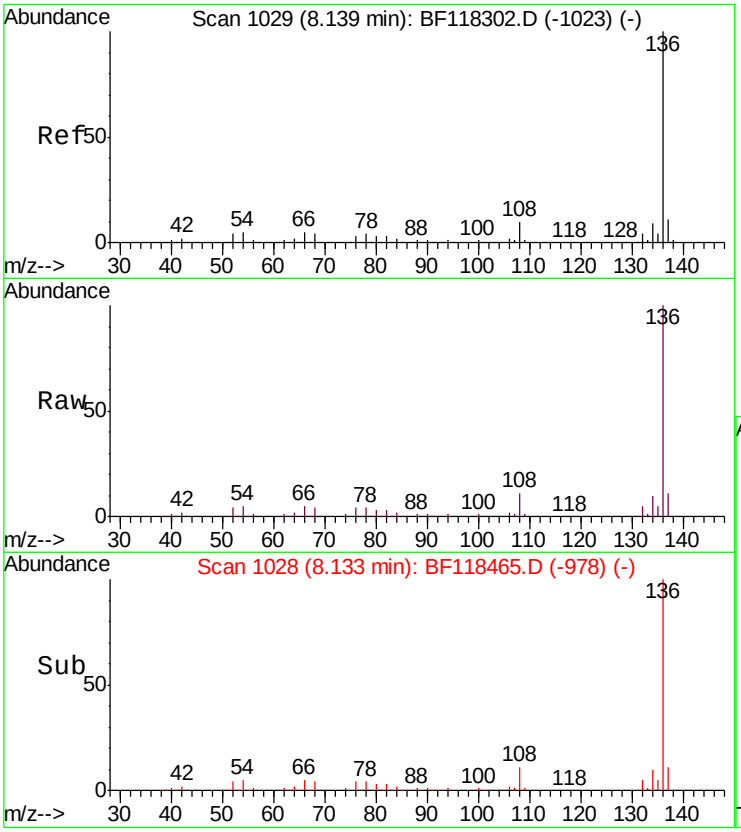


#19
n-Nitroso-di-n-propylamine
Concen: 16.660 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Tgt Ion: 70 Resp: 43539

Ion	Ratio	Lower	Upper
70	100		
42	49.3	41.1	61.7
101	0.0	8.3	12.5#
130	1.7	20.1	30.1#



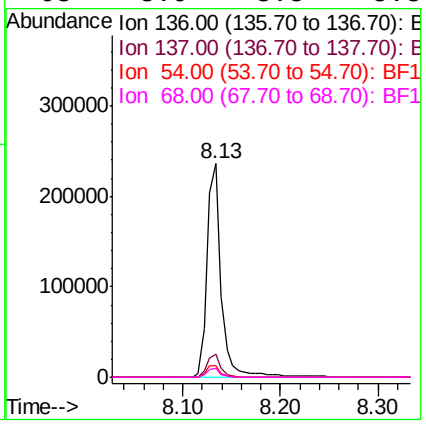


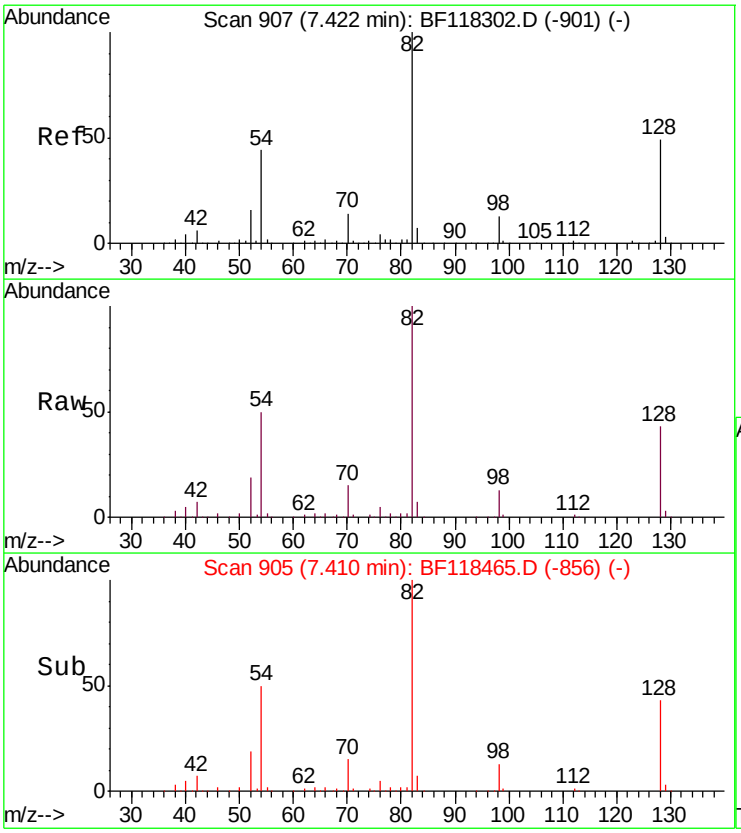
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Instrument :
BNA_F
ClientSampleId :
SB-4-(5-6)

Tgt Ion:136 Resp: 237390

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	5.5	4.2	6.4
68	3.9	3.5	5.3

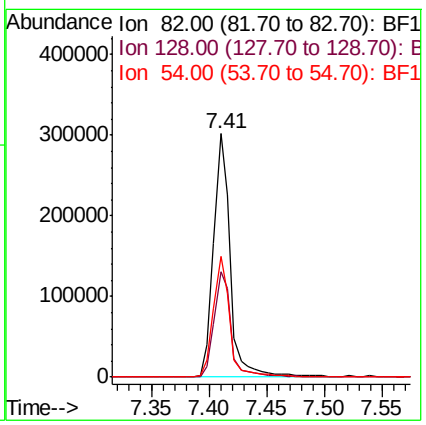


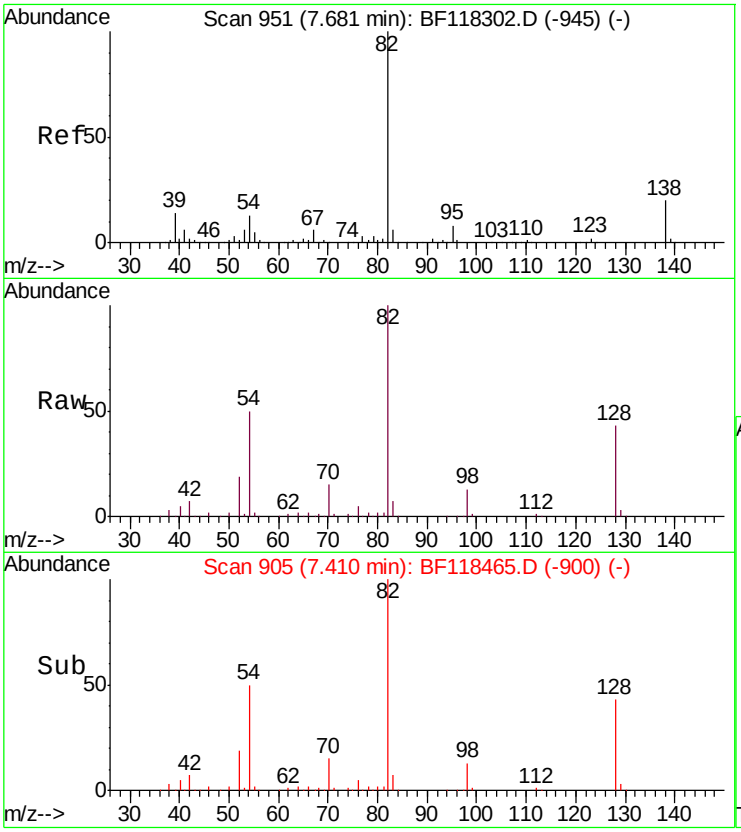


#23
Nitrobenzene-d5
Concen: 73.315 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Tgt Ion: 82 Resp: 304299

Ion	Ratio	Lower	Upper
82	100		
128	43.4	39.6	59.4
54	49.6	34.9	52.3



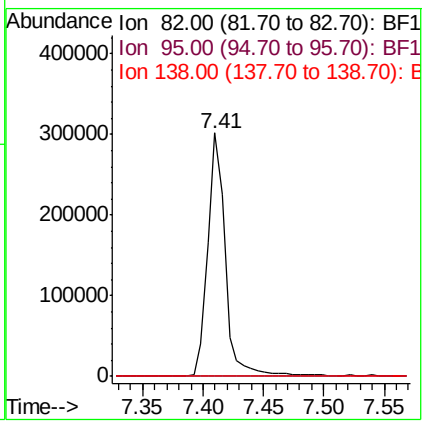


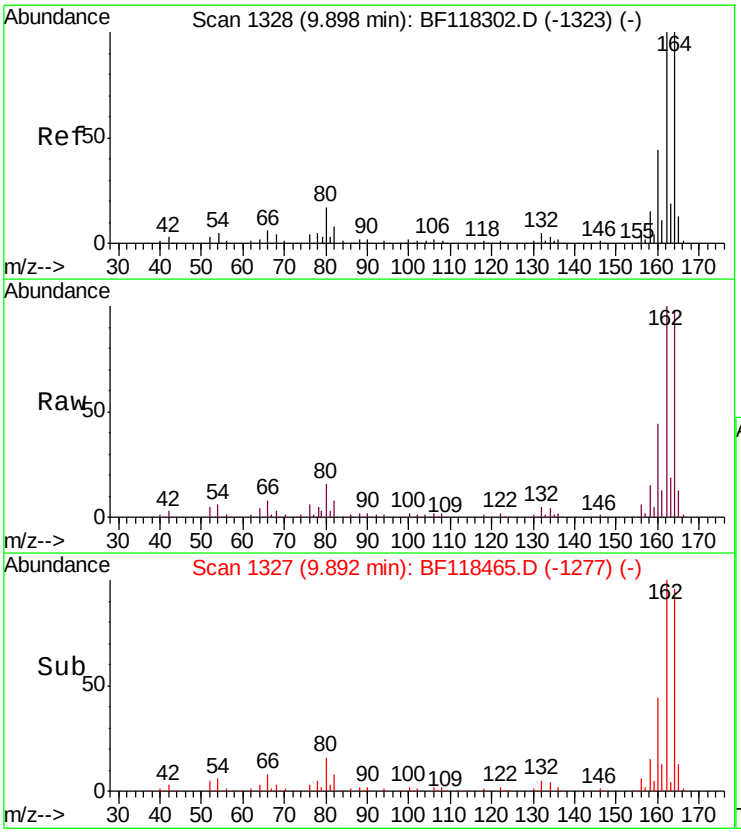
#25
Isophorone
Concen: 42.067 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.27 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Instrument :
BNA_F
ClientSampleId :
SB-4-(5-6)

Tgt Ion: 82 Resp: 304295

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.3	9.5#
138	0.0	16.2	24.2#

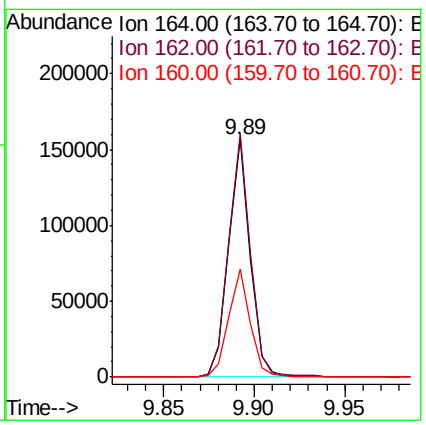


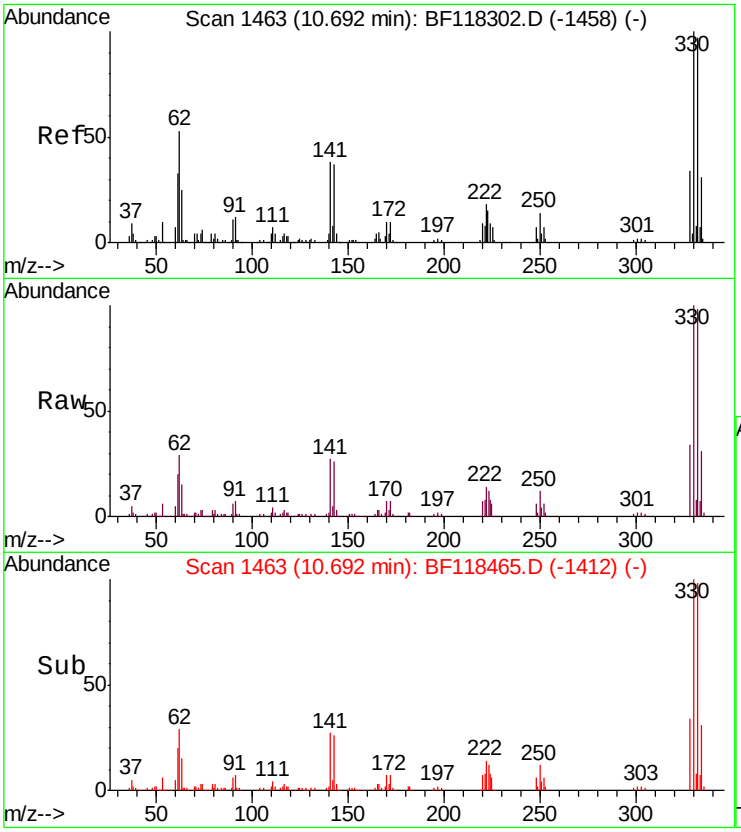


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Tgt Ion:164 Resp: 131692

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.0	120.0
160	45.3	34.8	52.2



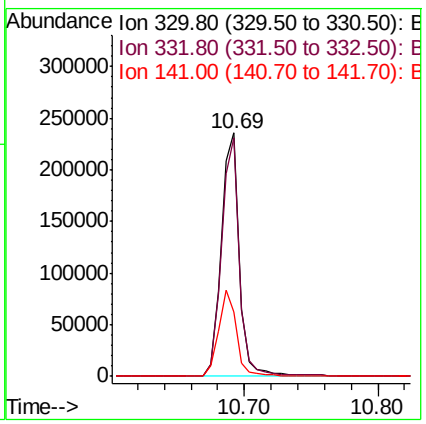


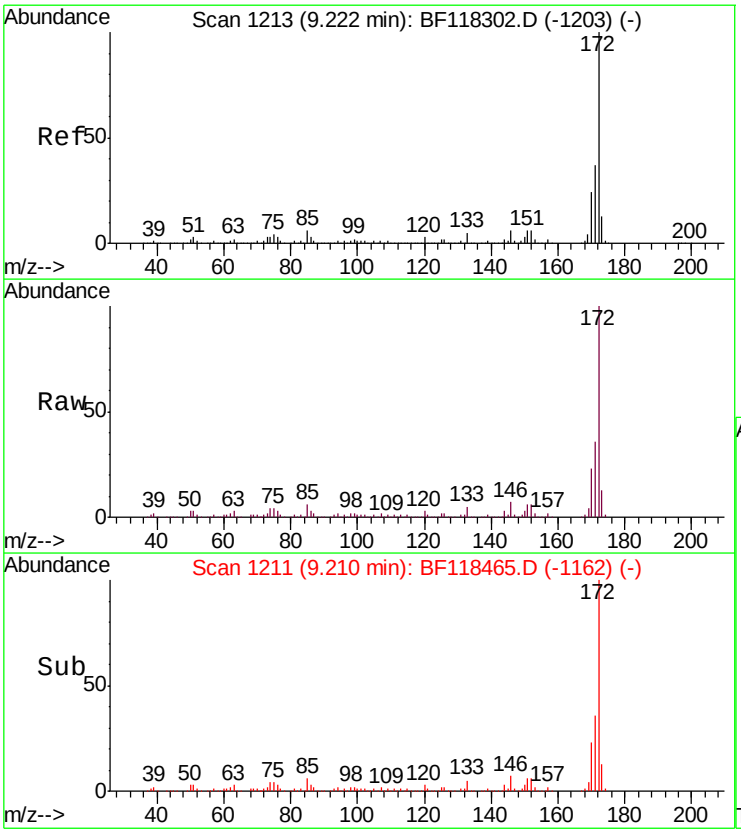
#42
2,4,6-Tribromophenol
Concen: 139.508 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Instrument :
BNA_F
ClientSampleId :
SB-4-(5-6)

Tgt Ion:330 Resp: 226882

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	114.8
141	35.2	26.0	39.0

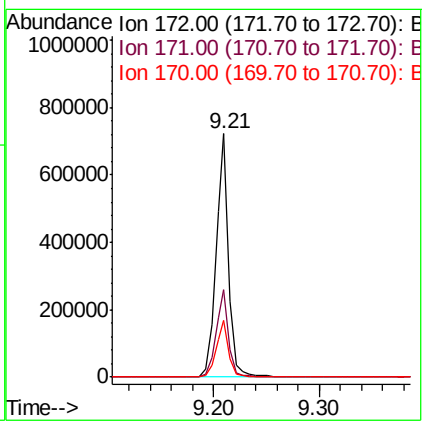


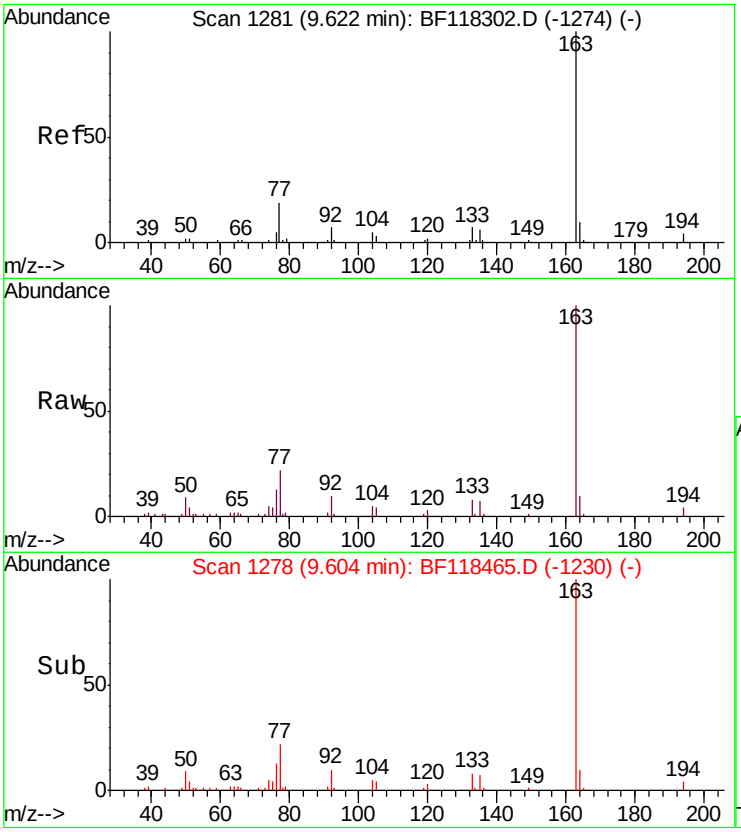


#45
2-Fluorobiphenyl
Concen: 70.161 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Tgt Ion:172 Resp: 605293

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.3	43.9
170	23.2	19.2	28.8



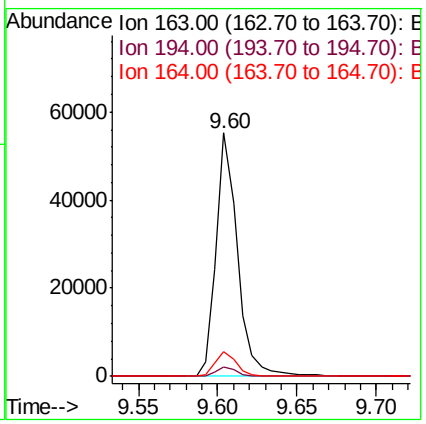


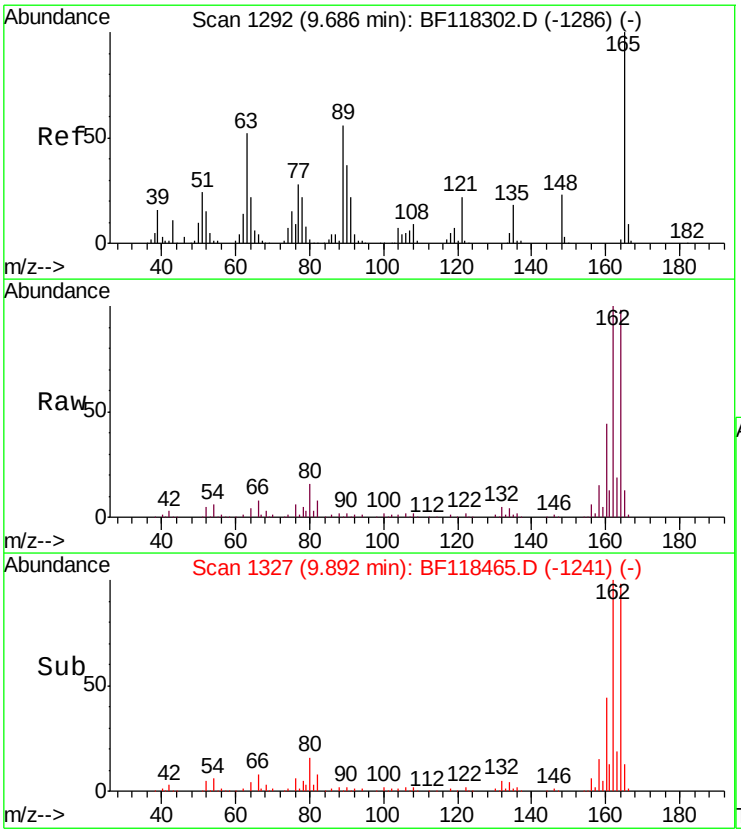
#50
Dimethylphthalate
Concen: 5.239 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Instrument :
BNA_F
ClientSampleId :
SB-4-(5-6)

Tgt Ion:163 Resp: 51787

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.0	7.9	11.9

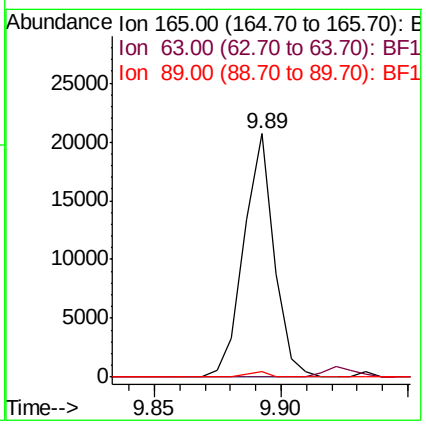


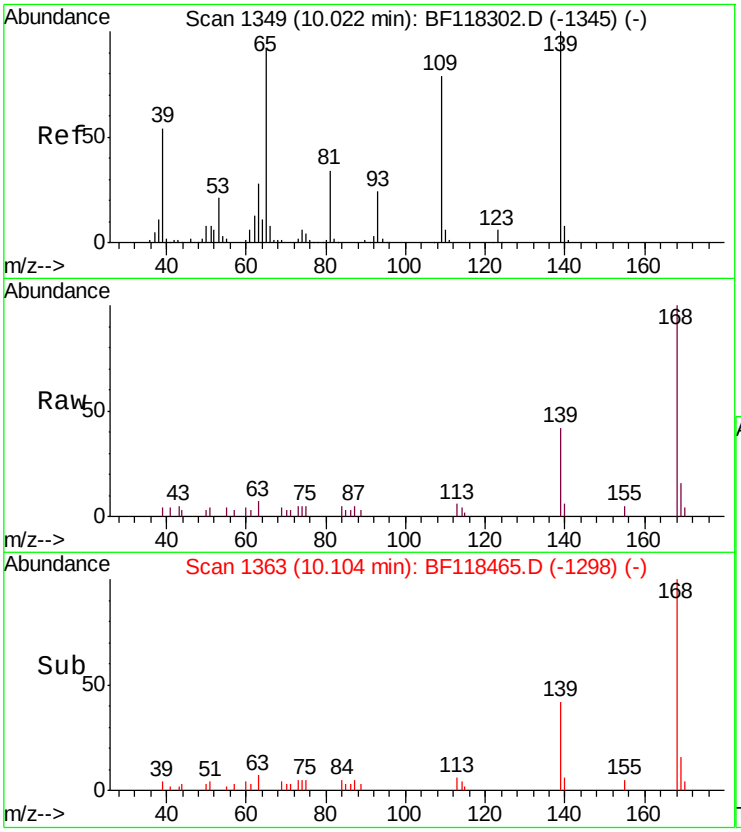


#51
2,6-Dinitrotoluene
Concen: 8.079 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Tgt Ion:165 Resp: 17219

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.2	63.4#
89	2.5	44.4	66.6#



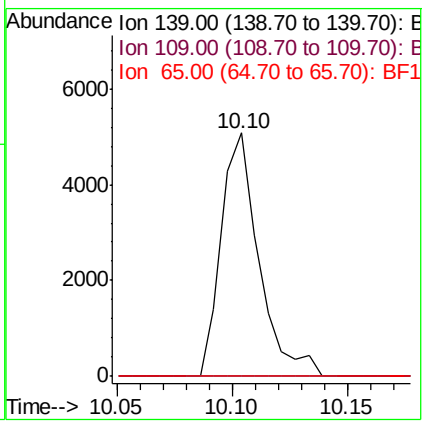


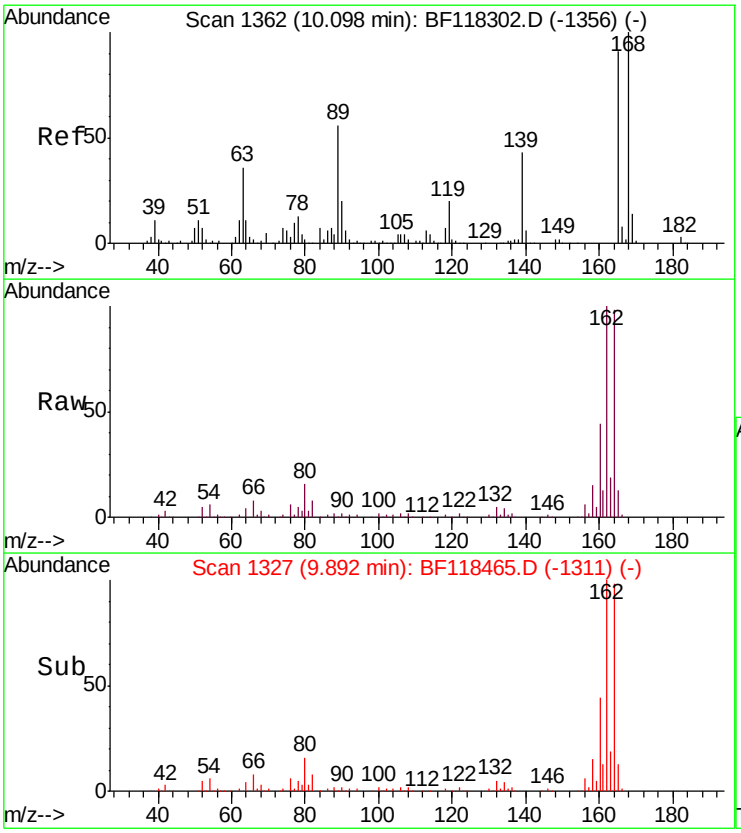
#56
4-Nitrophenol
Concen: 3.734 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.08 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Instrument :
BNA_F
ClientSampleId :
SB-4-(5-6)

Tgt Ion:139 Resp: 5766

Ion	Ratio	Lower	Upper
139	100		
109	0.0	59.3	99.3#
65	0.0	72.4	112.4#

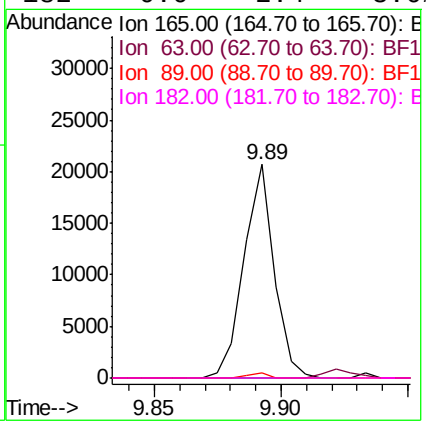


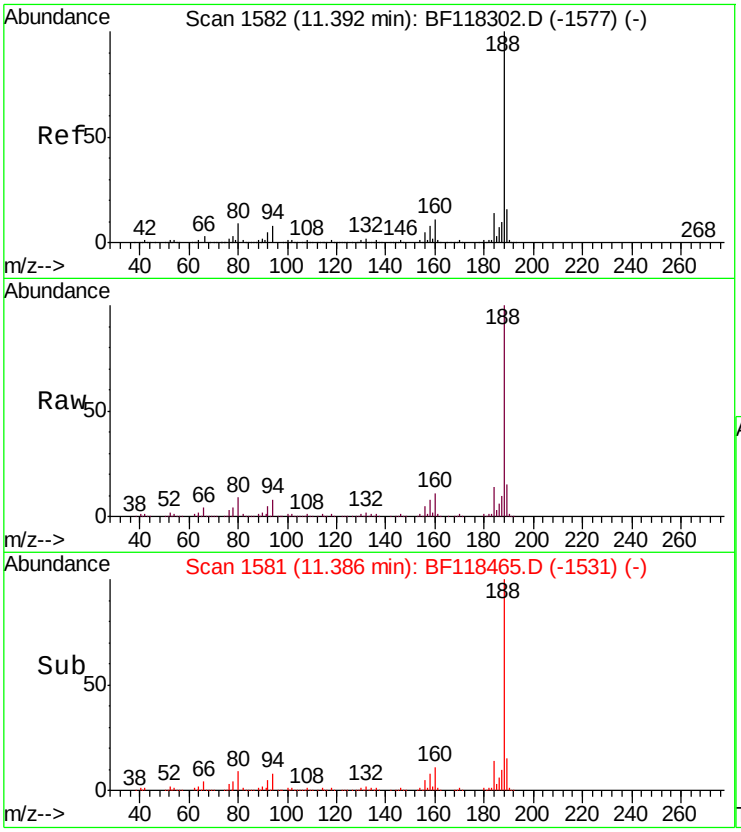


#57
2,4-Dinitrotoluene
Concen: 6.047 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.21 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Tgt Ion:165 Resp: 17219

Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.0	48.0#
89	2.5	49.3	73.9#
182	0.0	2.4	3.6#



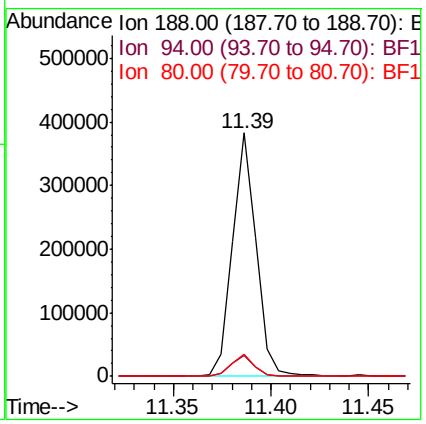


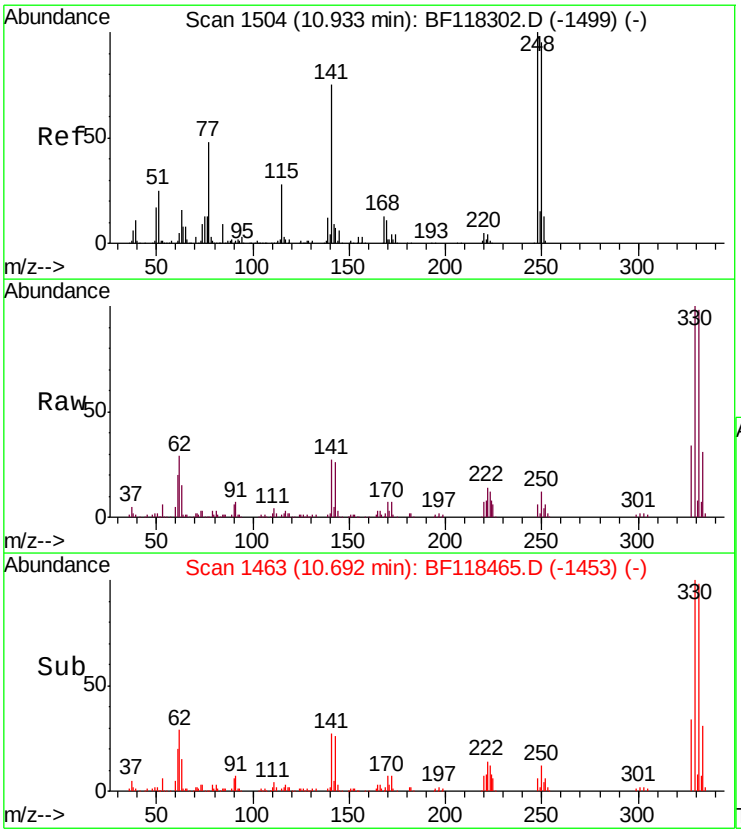
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Instrument :
BNA_F
ClientSampleId :
SB-4-(5-6)

Tgt Ion:188 Resp: 322010

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.7	10.1
80	9.0	7.2	10.8

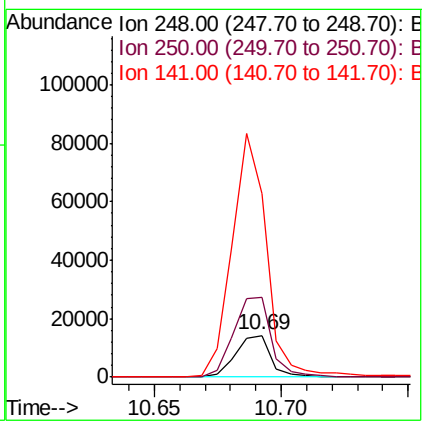


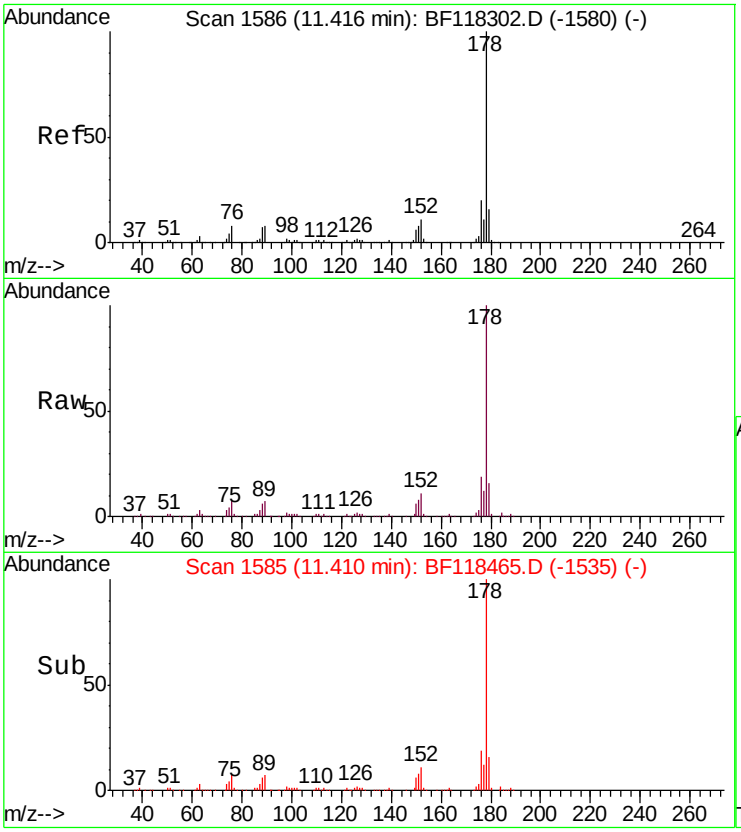


#67
4-Bromophenyl-phenylether
Concen: 3.601 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.24 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Tgt Ion:248 Resp: 13572

Ion	Ratio	Lower	Upper
248	100		
250	189.9	76.4	114.6#
141	438.0	60.2	90.2#



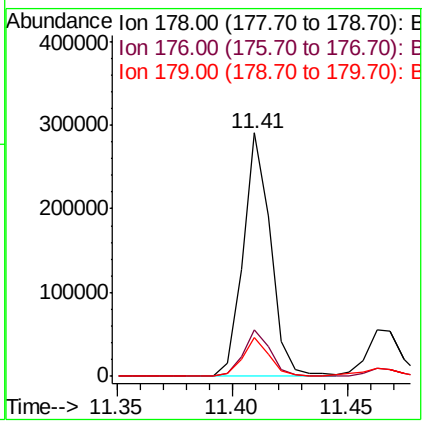


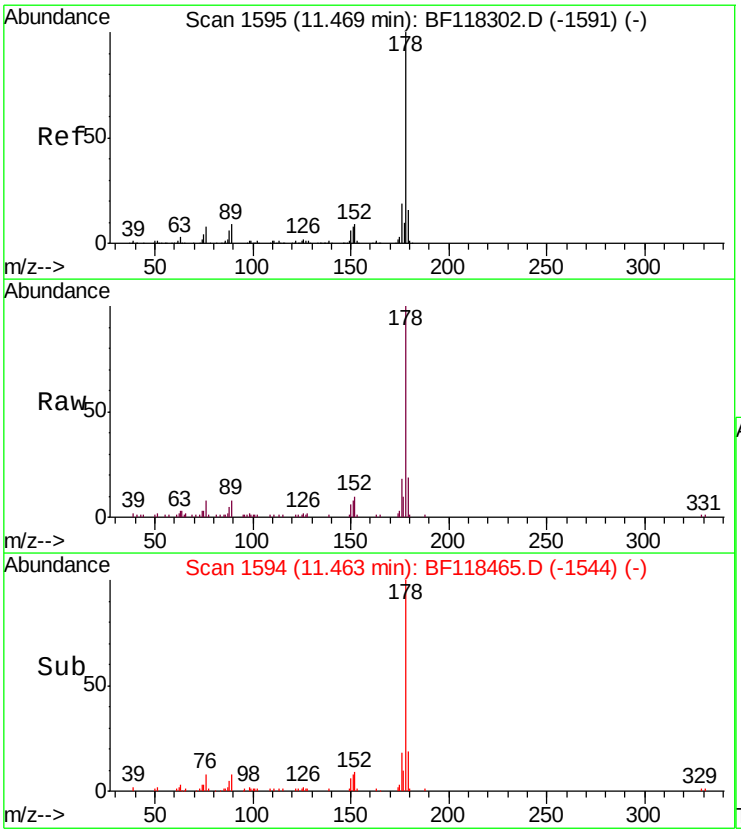
#71
Phenanthrene
Concen: 13.799 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Instrument :
BNA_F
ClientSampleId :
SB-4-(5-6)

Tgt Ion:178 Resp: 242225

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.6	23.4
179	15.7	12.6	19.0

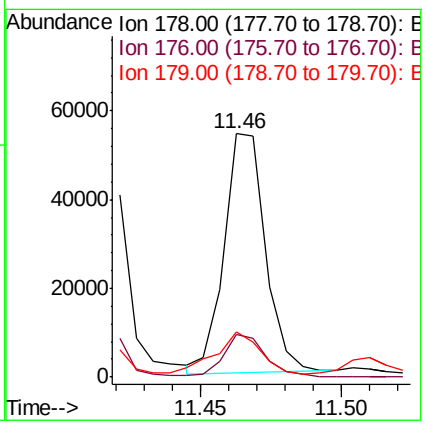


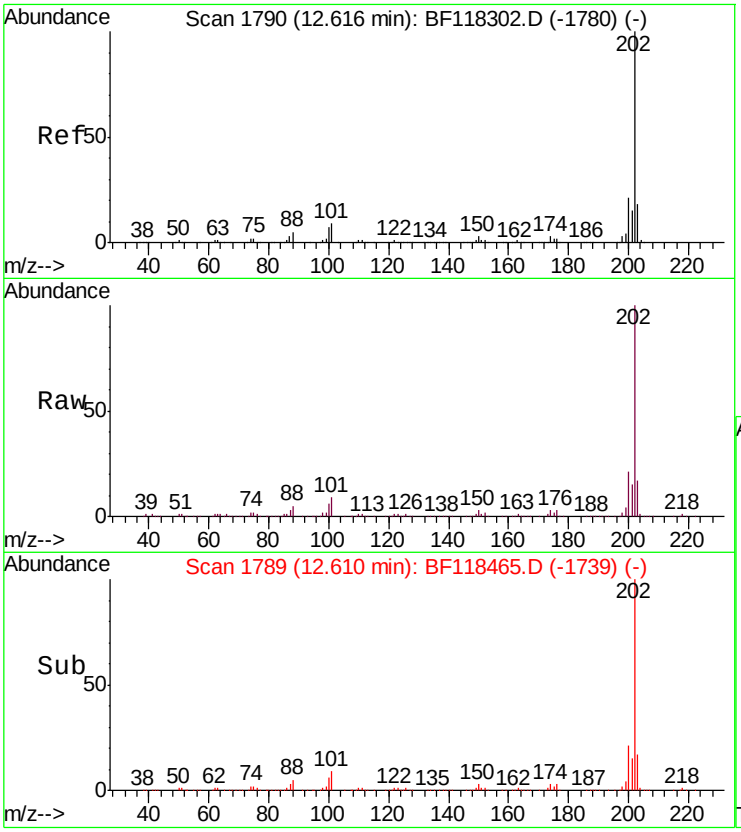


#72
Anthracene
Concen: 3.101 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Tgt Ion:178 Resp: 54490

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.2	22.8
179	18.7	12.9	19.3



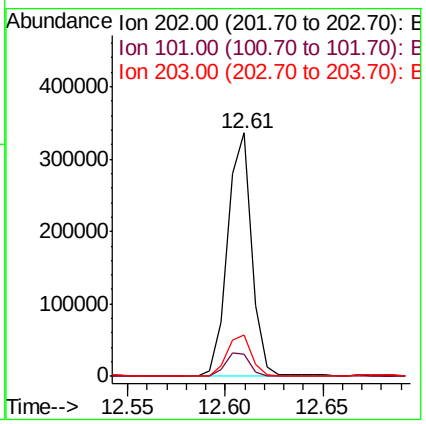


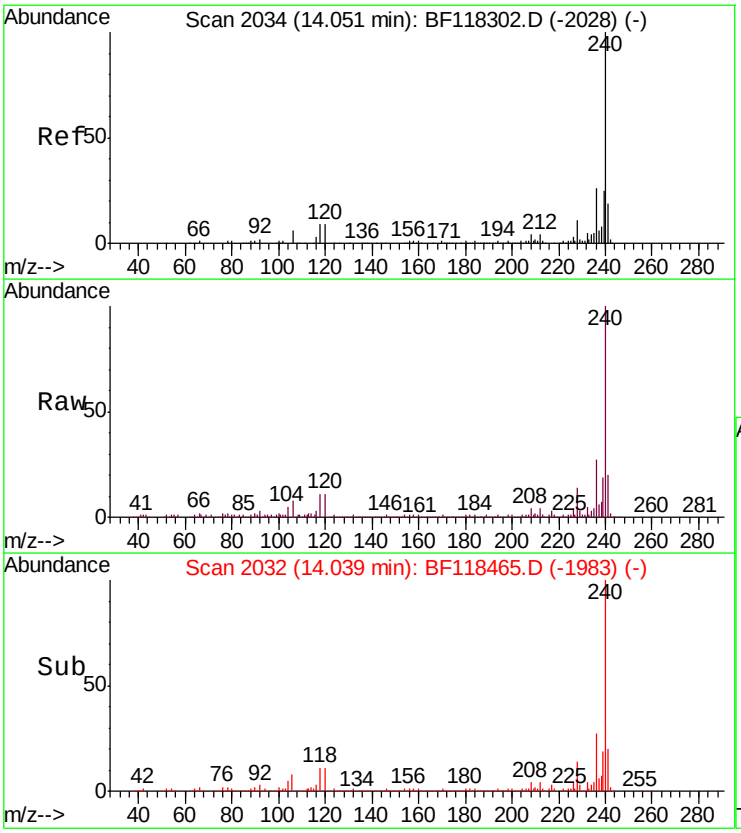
#75
Fluoranthene
Concen: 16.320 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Instrument :
BNA_F
ClientSampleId :
SB-4-(5-6)

Tgt Ion:202 Resp: 289120

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	29.5
203	16.8	0.0	37.6

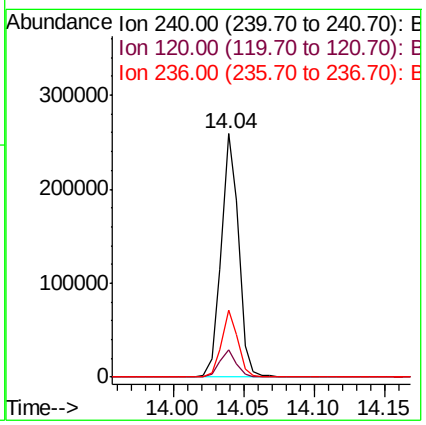


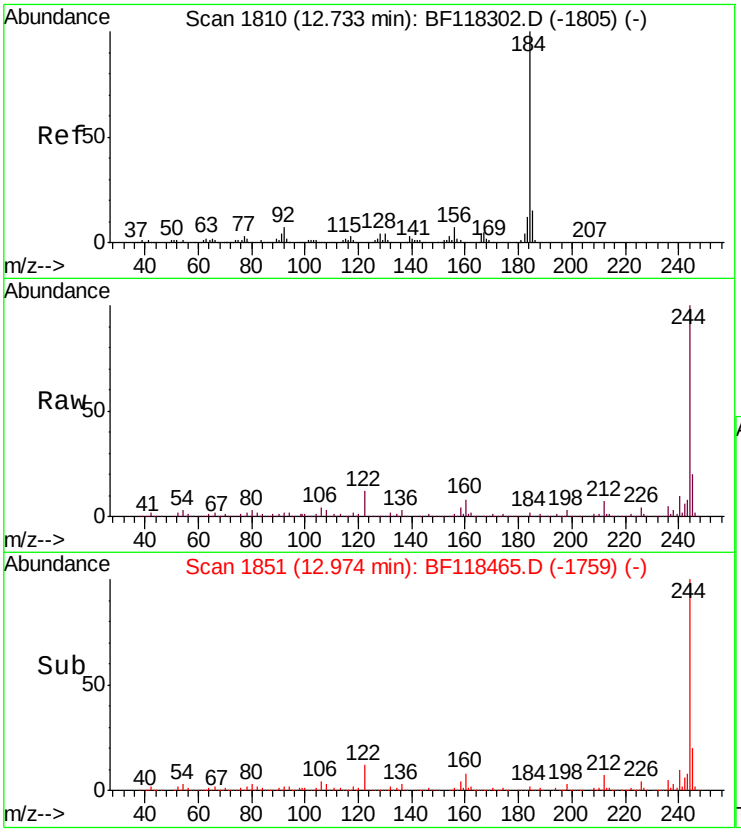


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Tgt Ion:240 Resp: 221918

Ion	Ratio	Lower	Upper
240	100		
120	11.0	7.1	10.7#
236	27.3	21.0	31.6



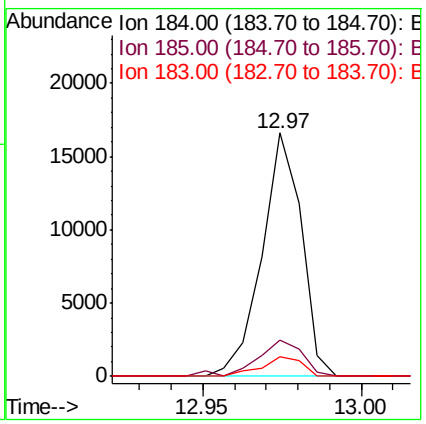


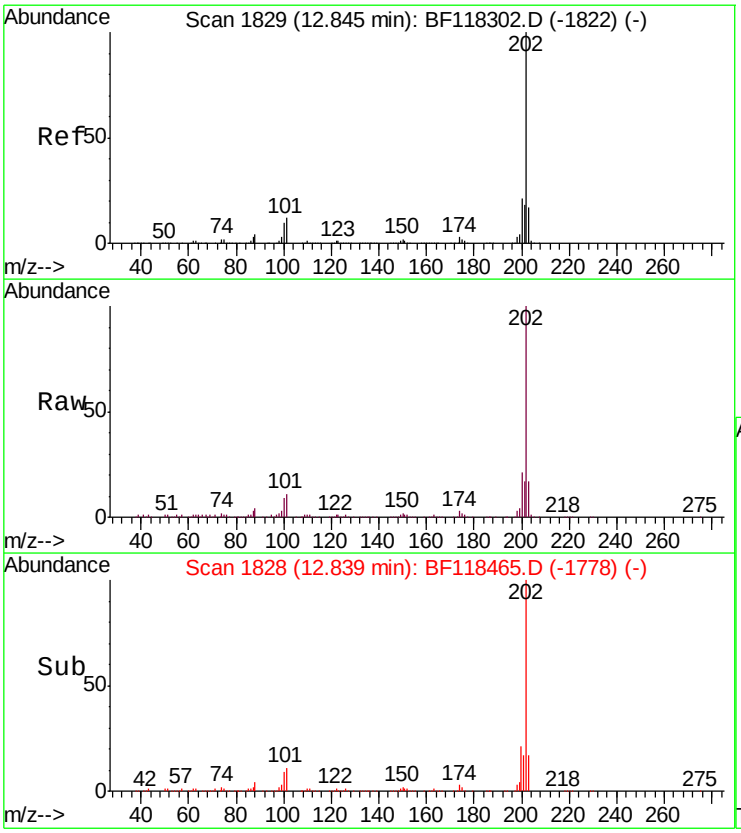
#77
Benzidine
Concen: 2.375 ng
RT: 12.97 min Scan# 1851
Delta R.T. 0.24 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Instrument :
BNA_F
ClientSampleId :
SB-4-(5-6)

Tgt Ion:184 Resp: 14443

Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.3	18.5
183	8.0	9.4	14.2#

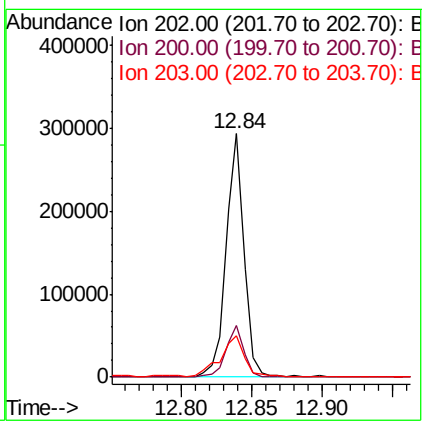


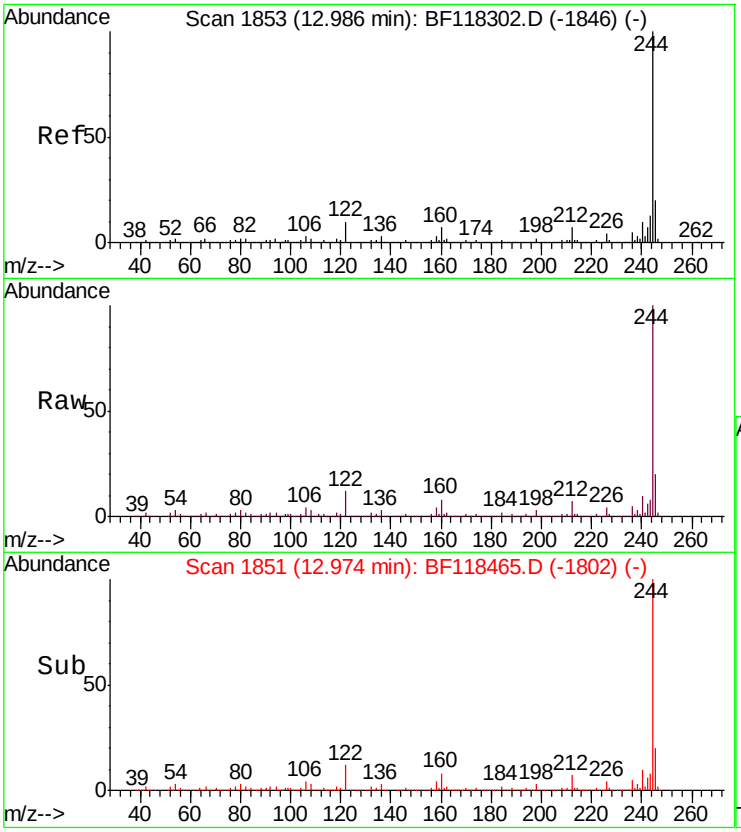


#78
Pyrene
Concen: 14.229 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Tgt Ion:202 Resp: 257863

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.8	25.2
203	17.2	13.9	20.9



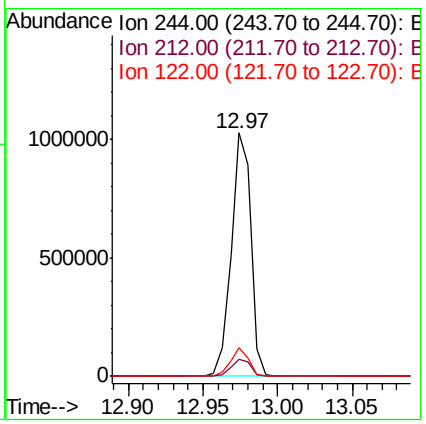


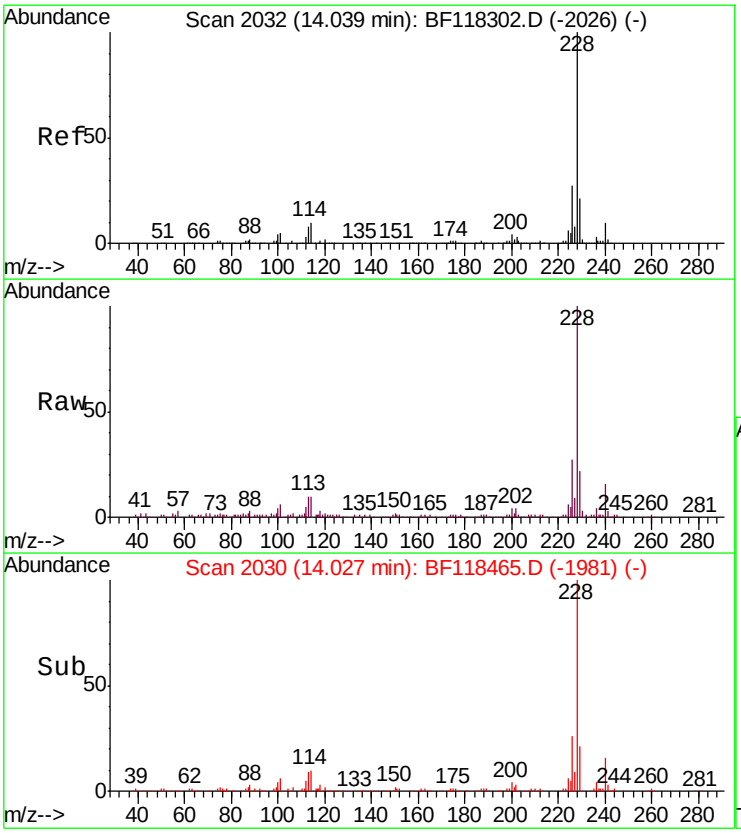
#79
Terphenyl-d14
Concen: 71.604 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Instrument :
BNA_F
ClientSampleId :
SB-4-(5-6)

Tgt Ion:244 Resp: 957801

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	11.8	7.8	11.8#

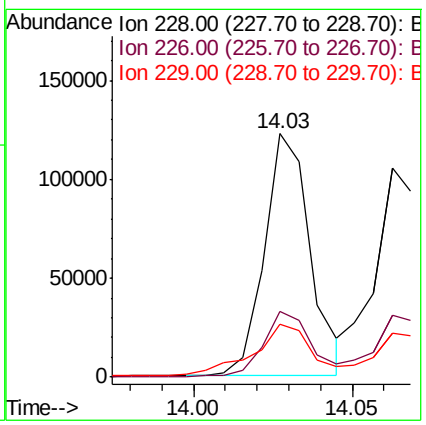


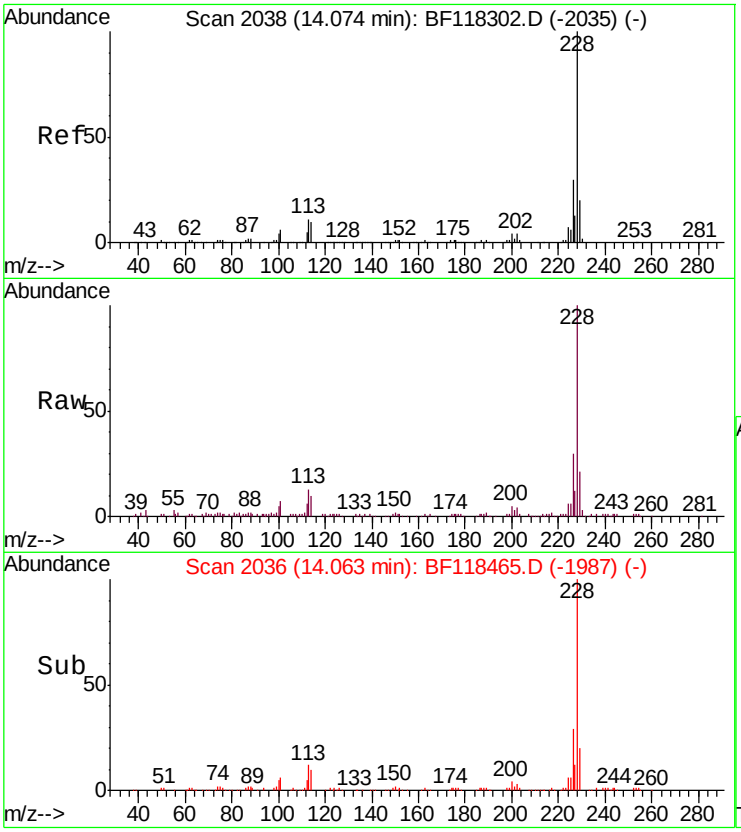


#81
Benzo(a)anthracene
Concen: 7.962 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Tgt Ion:228 Resp: 123672

Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.0	33.0
229	21.6	16.6	24.8



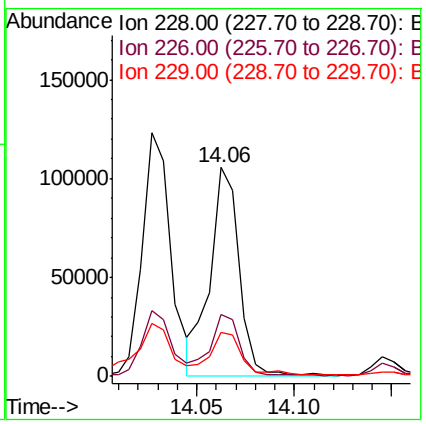


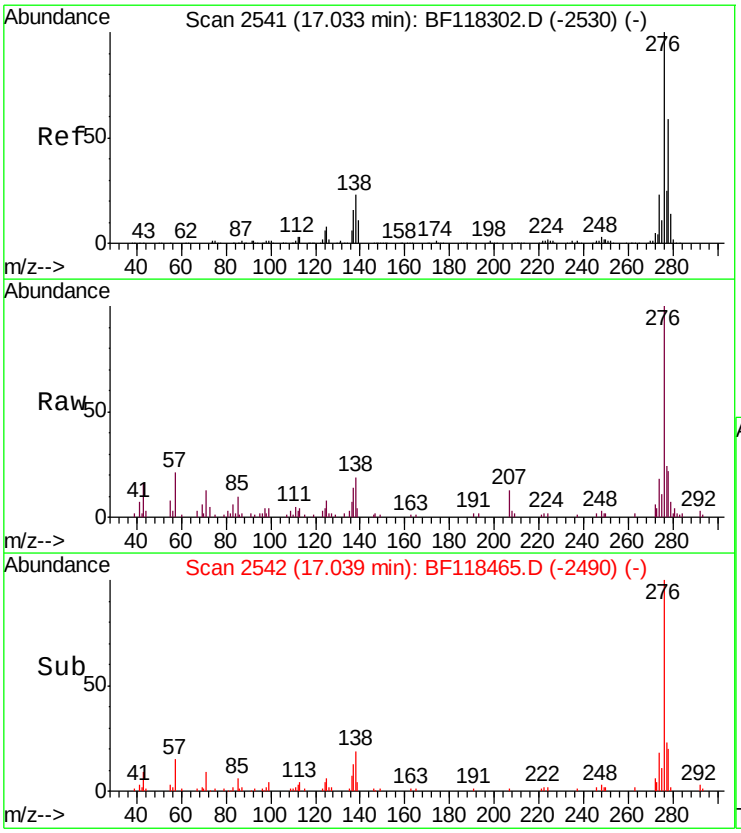
#83
Chrysene
Concen: 7.288 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Instrument :
BNA_F
ClientSampleId :
SB-4-(5-6)

Tgt Ion:228 Resp: 108397

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.9	35.9
229	21.1	16.1	24.1

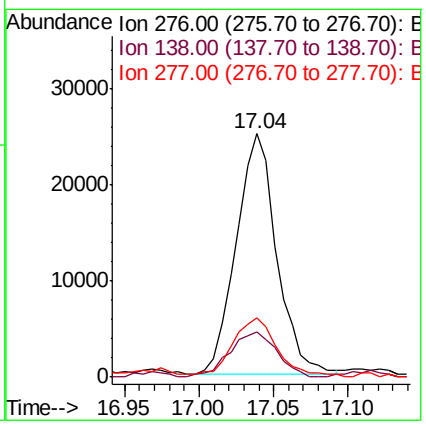


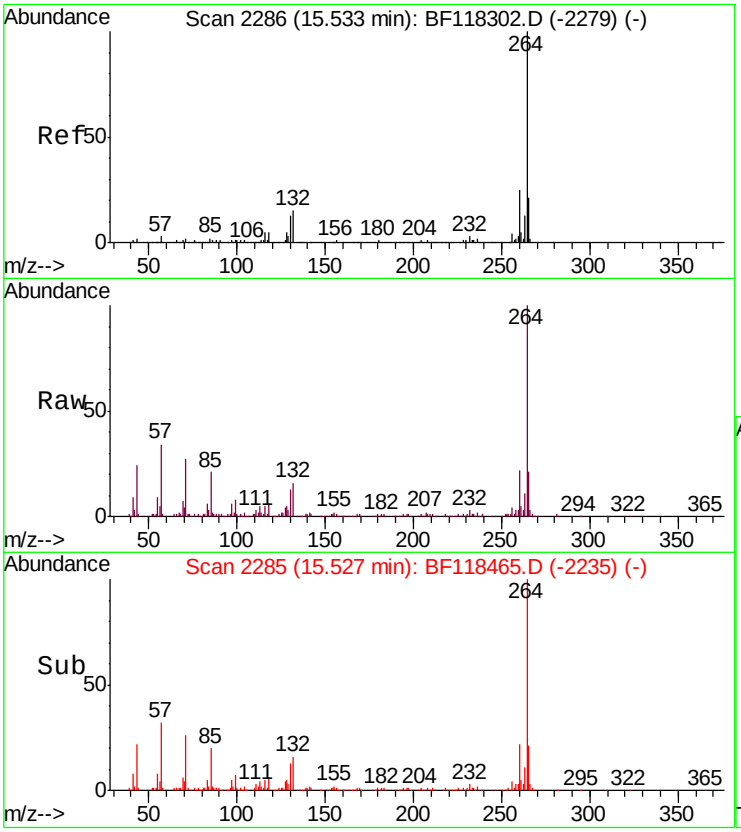


#86
Indeno(1,2,3-cd)pyrene
Concen: 3.717 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.01 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Tgt Ion:276 Resp: 47110

Ion	Ratio	Lower	Upper
276	100		
138	21.9	19.5	29.3
277	27.6	20.6	30.8



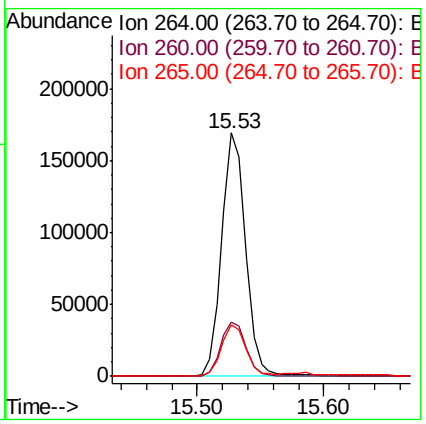


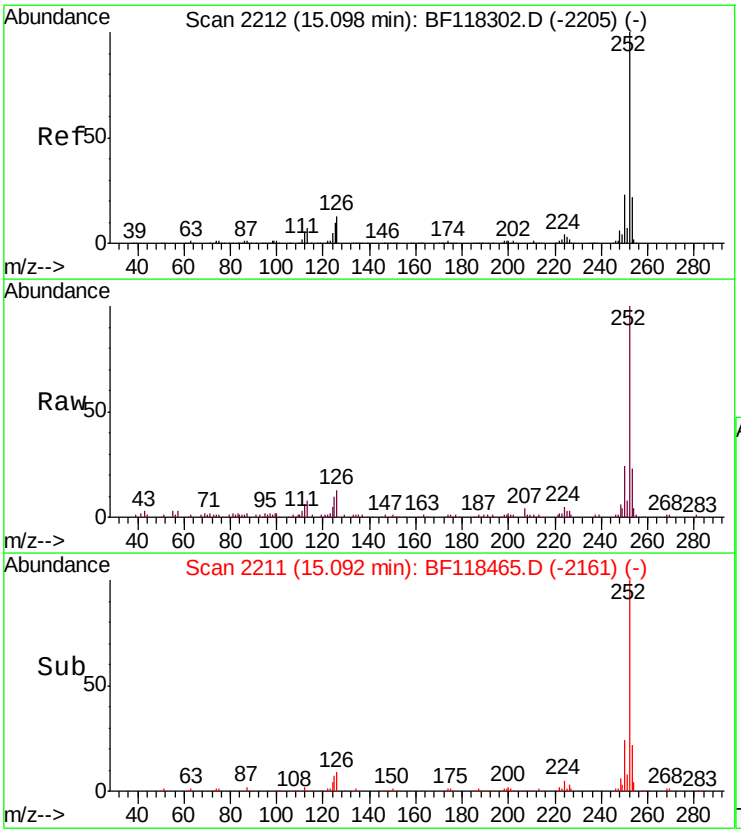
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.01 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Instrument :
BNA_F
ClientSampleId :
SB-4-(5-6)

Tgt Ion:264 Resp: 222806

Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.8	29.6
265	21.2	17.0	25.4

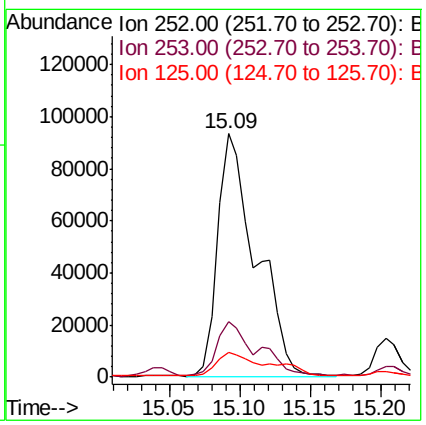


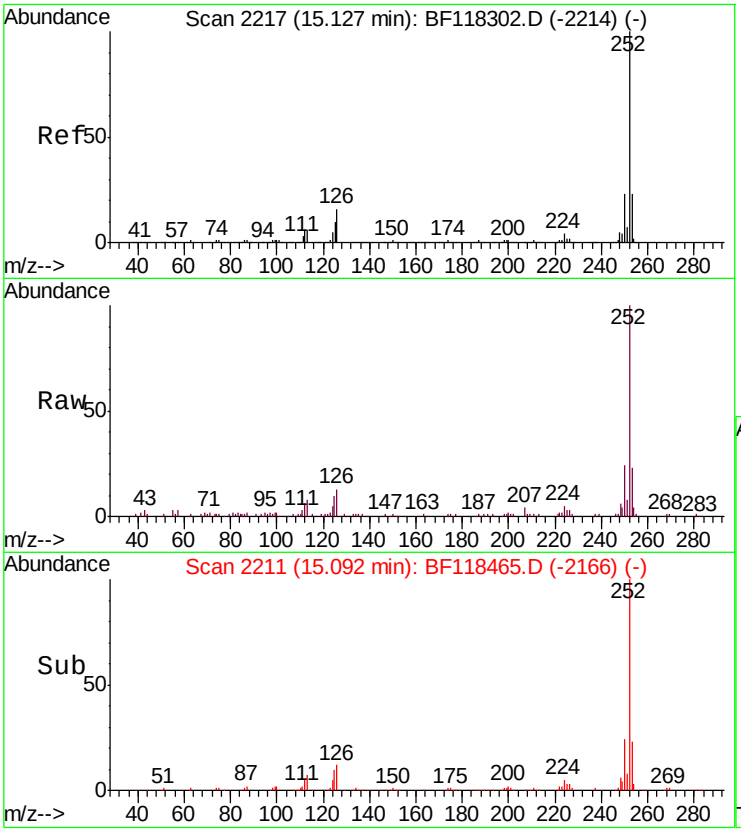


#88
Benzo(b)fluoranthene
Concen: 11.949 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Tgt Ion:252 Resp: 176717

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	10.4	7.7	11.5



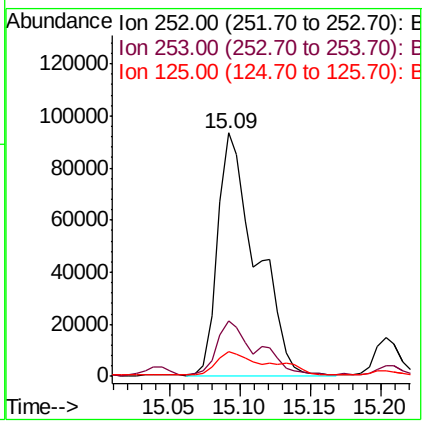


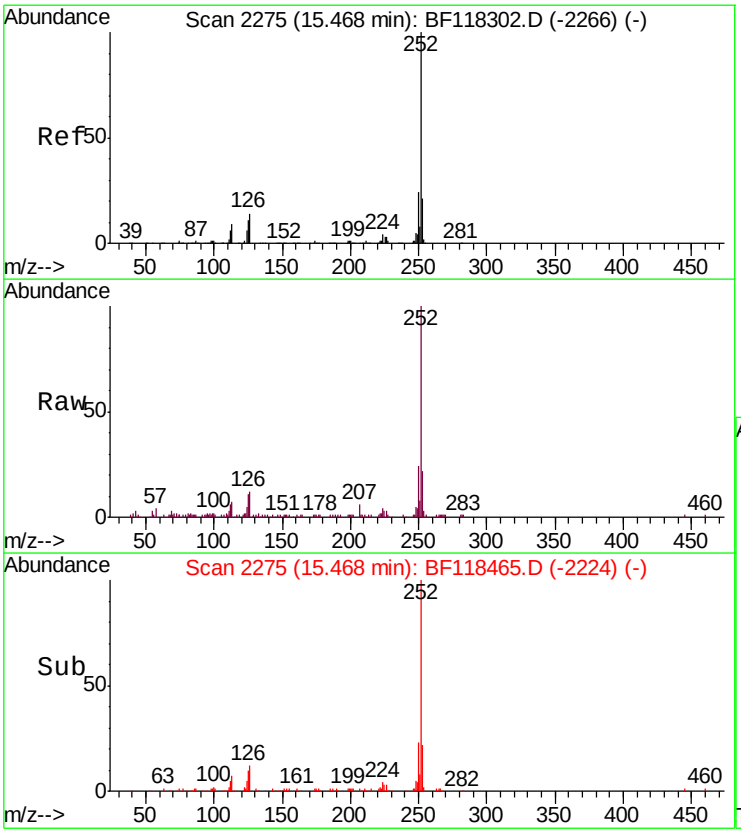
#89
Benzo(k)fluoranthene
Concen: 12.444 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.04 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Instrument :
BNA_F
ClientSampleId :
SB-4-(5-6)

Tgt Ion:252 Resp: 176717

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	10.4	8.0	12.0

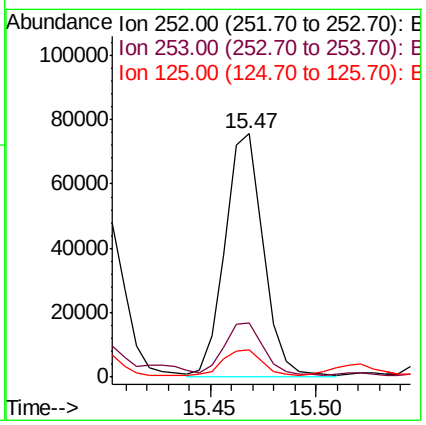


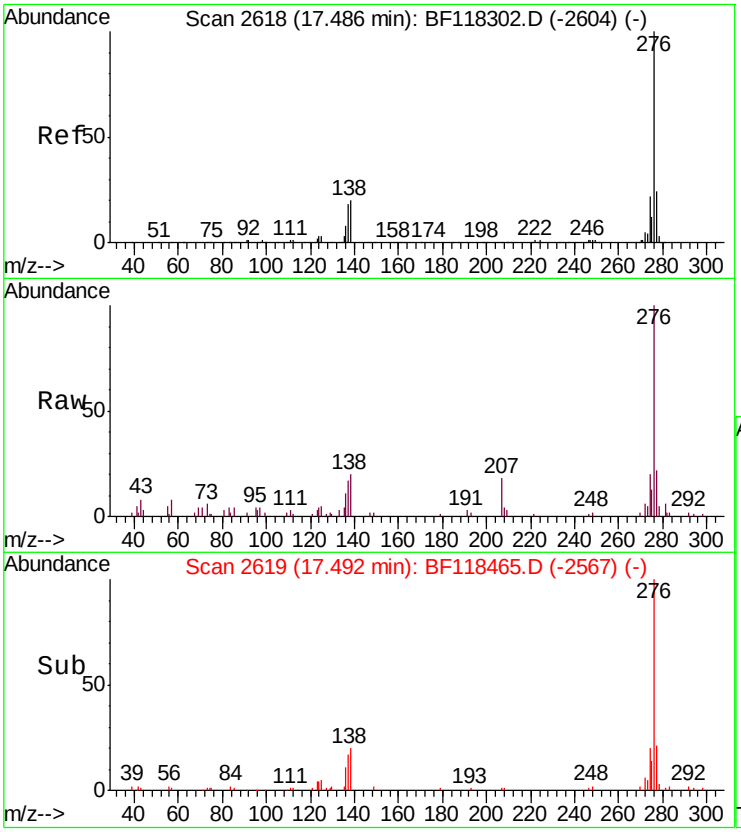


#90
Benzo(a)pyrene
Concen: 7.247 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Tgt Ion:252 Resp: 94418

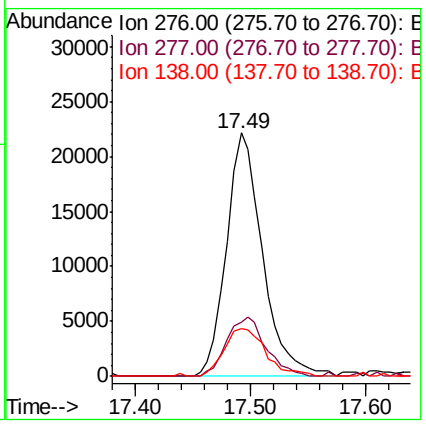
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	11.3	9.0	13.4





#92
Benzo(g,h,i)perylene
Concen: 4.402 ng
RT: 17.49 min Scan# 2619
Delta R.T. 0.01 min
Lab File: BF118465.D
Acq: 3 Jan 2020 19:08

Instrument :
BNA_F
ClientSampleId :
SB-4-(5-6)

Tgt Ion:276 Resp: 48073

Ion	Ratio	Lower	Upper
276	100		
277	22.2	19.1	28.7
138	19.5	16.1	24.1