Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121318\
Data File : BF111377.D
Acq On : 13 Dec 2018 18:41
Operator : JU/SJ
Sample : J6214-47RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(13-15)

Quant Time: Dec 13 20:45:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 13:16:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	249894	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	951802	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	369092	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	521321	20.00	ng		0.00
76) Chrysene-d12	13.94	240	369709	20.00	ng		-0.01
87) Perylene-d12	15.39	264	284128	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1761637	119.21	ng		0.01
7) Phenol-d6	6.43	99	2244152	112.63	ng		0.00
23) Nitrobenzene-d5	7.36	82	1368741	81.05	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	312177	95.95	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1992701	86.68	ng		0.00
79) Terphenyl-d14	12.90	244	1254658	74.69	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.43	77	4960	Below Cal		#	1
10) Phenol	6.45	94	133428	5.912	ng		89
19) n-Nitroso-di-n-propylamine	7.36	70	181658	13.721	ng	#	80
25) Isophorone	7.36	82	1347977	46.993	ng	#	64
50) Dimethylphthalate	9.55	163	214843	8.095	ng		96
57) 2,4-Dinitrotoluene	9.83	165	49070	6.508	ng	#	24
67) 4-Bromophenyl-phenylether	10.62	248	19848	3.420	ng	#	1
71) Phenanthrene	11.33	178	120324	4.465	ng		93
72) Anthracene	11.33	178	120324	4.385	ng		94
75) Fluoranthene	12.52	202	275587	10.476	ng		98
77) Benzidine	12.90	184	14489	2.077	ng	#	91
78) Pyrene	12.75	202	265249	9.296	ng		95
81) Benzo(a)anthracene	13.94	228	142247	6.877	ng		93
83) Chrysene	13.97	228	130718	6.194	ng		97
86) Indeno(1,2,3-cd)pyrene	16.80	276	45311	2.745	ng		94
88) Benzo(b)fluoranthene	14.98	252	167107	10.343	ng	#	91
89) Benzo(k)fluoranthene	14.98	252	167107	10.362	ng	#	90
90) Benzo(a)pyrene	15.33	252	92882	6.174	ng	#	96
92) Benzo(g,h,i)perylene	17.23	276	40554	3.241	ng		95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121318\
Data File : BF111377.D
Acq On : 13 Dec 2018 18:41
Operator : JU/SJ
Sample : J6214-47RE
Misc :
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Instrument :
BNA_F
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SB-6(13-15)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 13:16:52 2018
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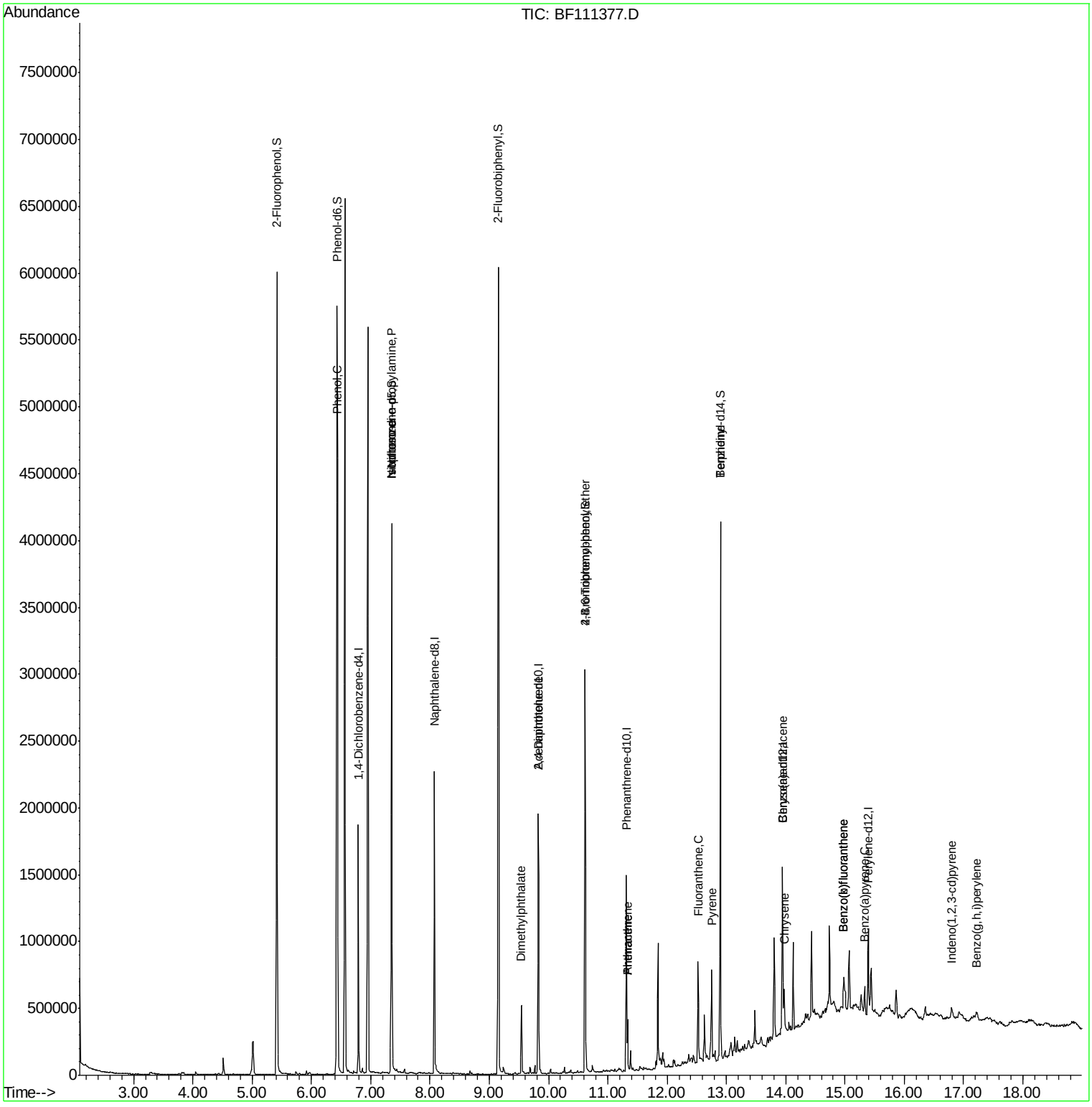
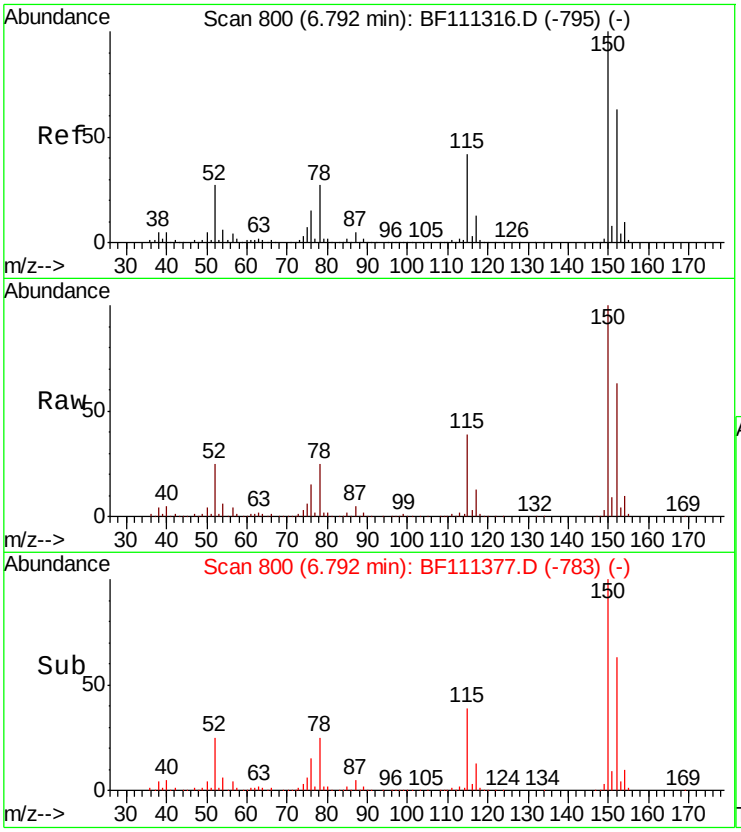


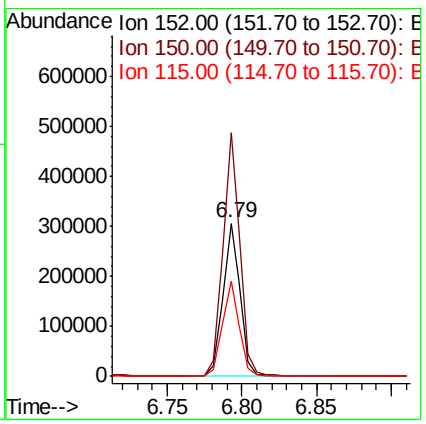


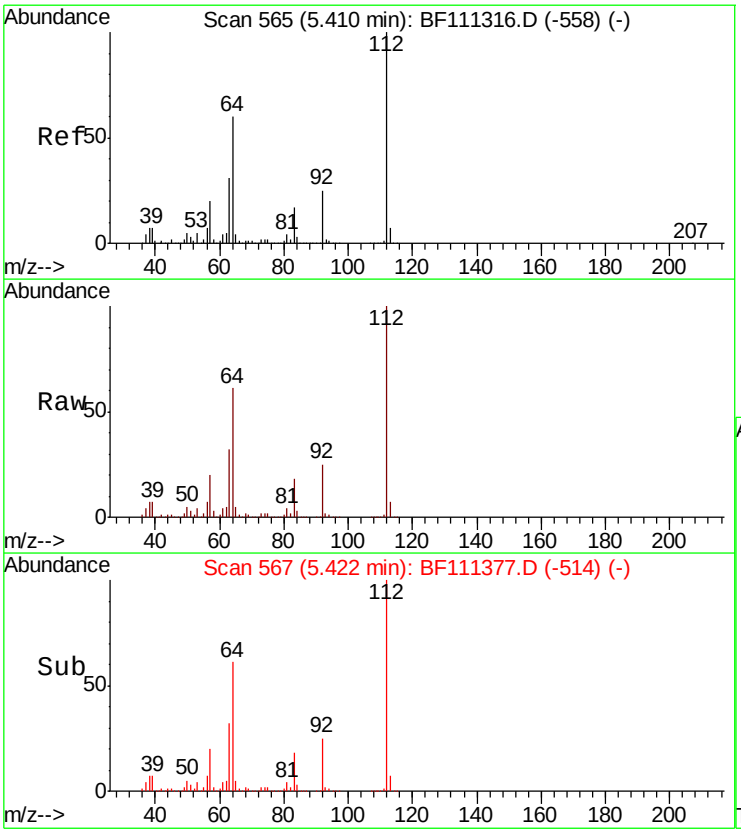
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Instrument :
BNA_F
ClientSampleId :
SB-6(13-15)

Tgt Ion:152 Resp: 249894

Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.6	189.8
115	62.3	50.7	76.1

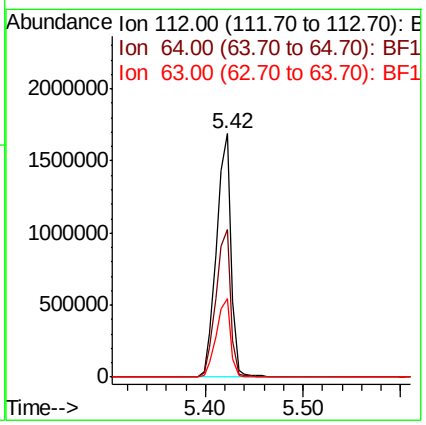


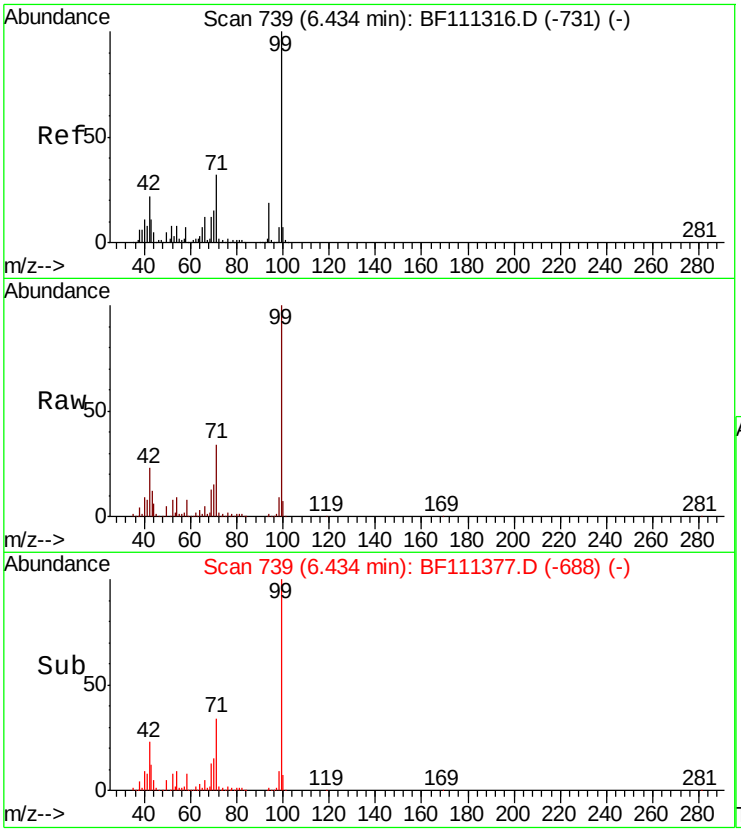


#5
2-Fluorophenol
Concen: 119.210 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Tgt Ion:112 Resp: 1761637

Ion	Ratio	Lower	Upper
112	100		
64	60.5	51.8	77.6
63	32.1	26.8	40.2



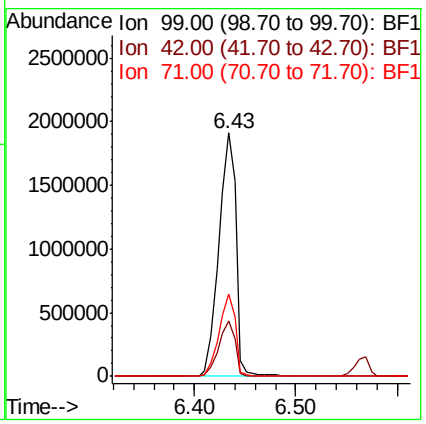


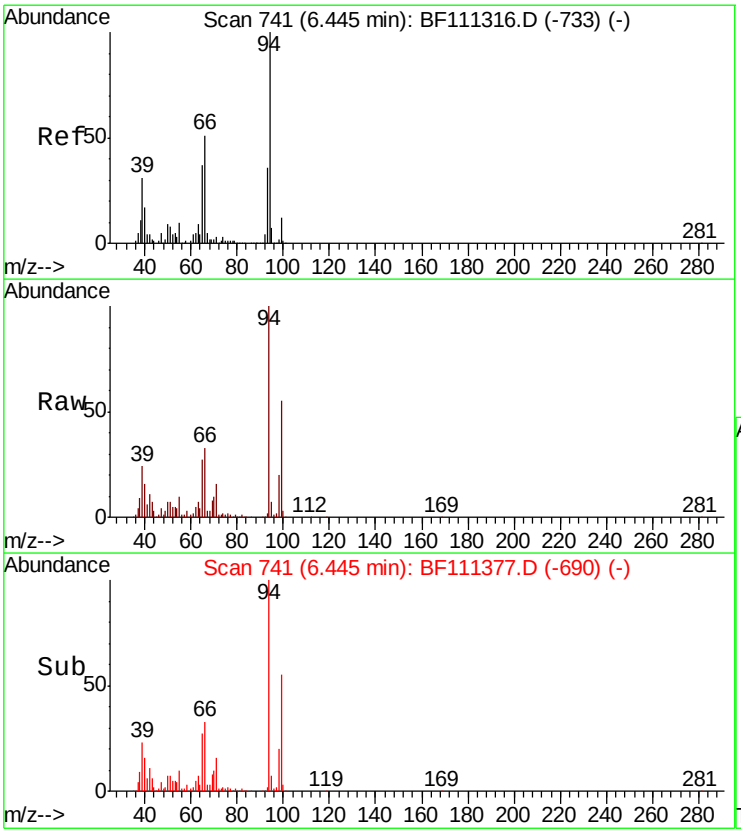
#7
Phenol-d6
Concen: 112.634 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Instrument :
BNA_F
ClientSampleId :
SB-6(13-15)

Tgt Ion: 99 Resp: 2244152

Ion	Ratio	Lower	Upper
99	100		
42	22.5	17.4	26.0
71	33.7	26.1	39.1

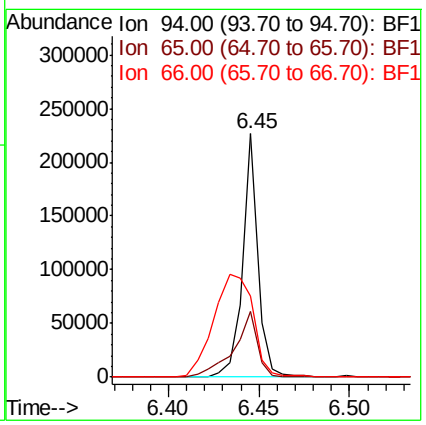


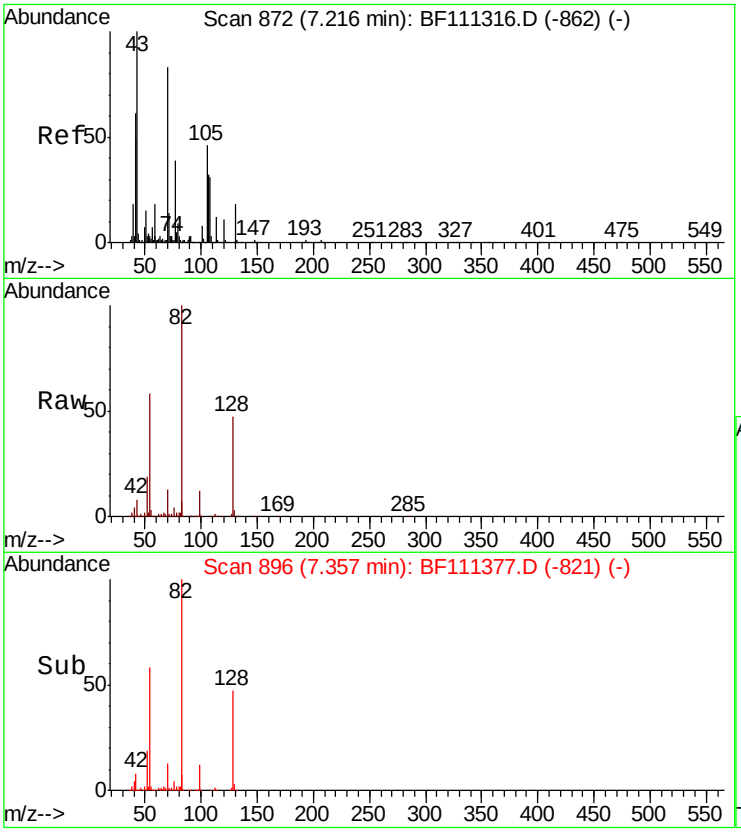


#10
Phenol
Concen: 5.912 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Tgt Ion: 94 Resp: 133428

Ion	Ratio	Lower	Upper
94	100		
65	26.9	11.7	51.7
66	33.5	21.0	61.0



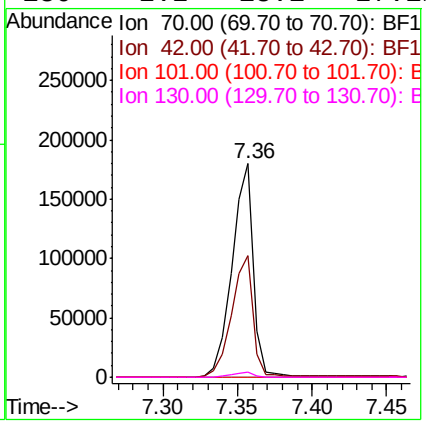


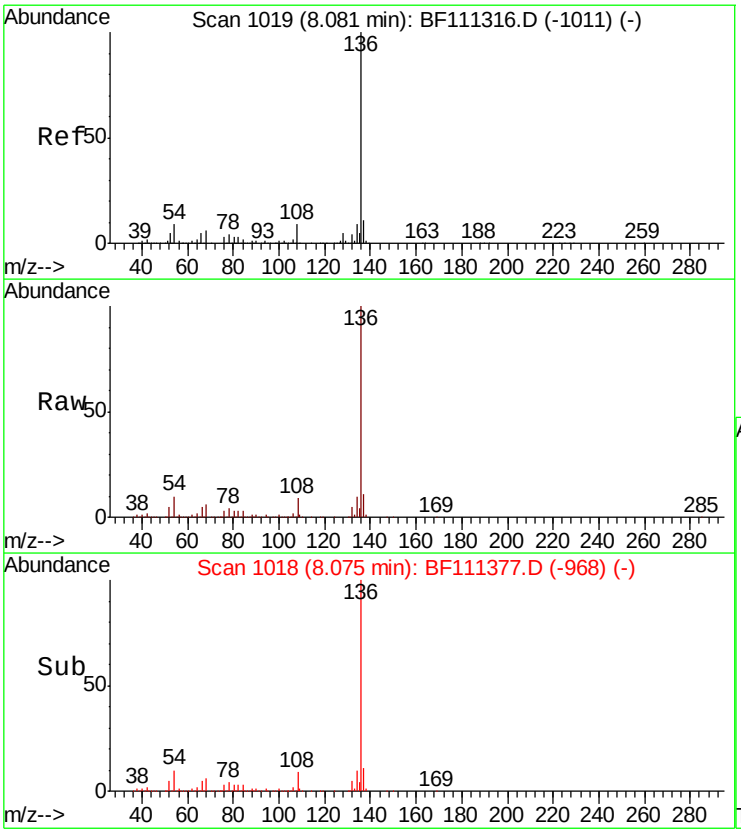
#19
n-Nitroso-di-n-propylamine
Concen: 13.721 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Instrument :
BNA_F
ClientSampleId :
SB-6(13-15)

Tgt Ion: 70 Resp: 181658

Ion	Ratio	Lower	Upper
70	100		
42	57.0	53.2	79.8
101	0.0	8.2	12.4#
130	2.2	18.1	27.1#

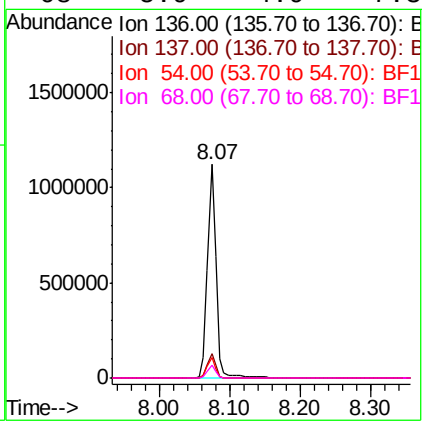


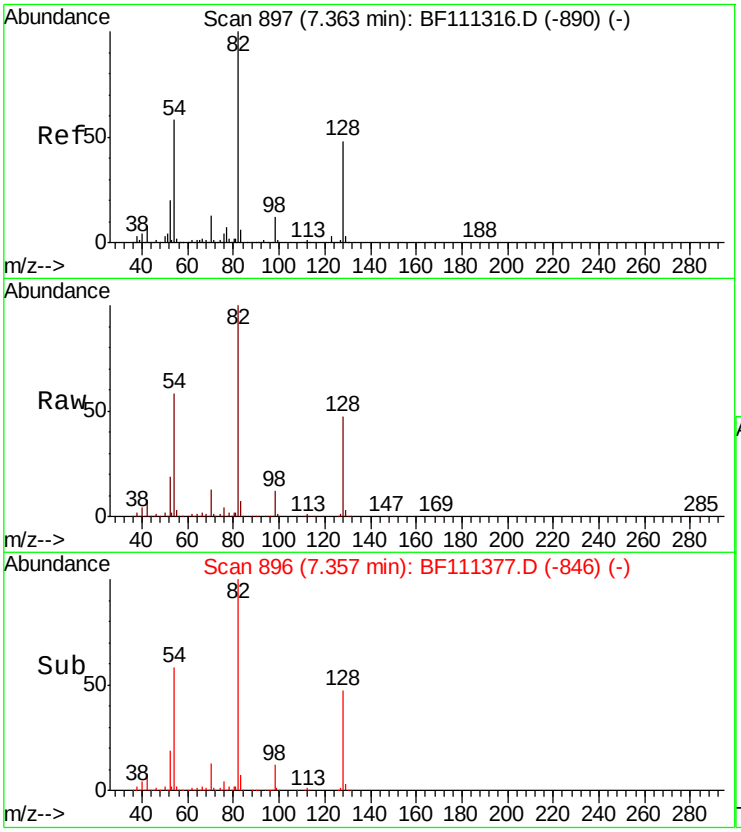


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Tgt Ion:136 Resp: 951802

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.6	7.7	11.5
68	5.9	4.9	7.3



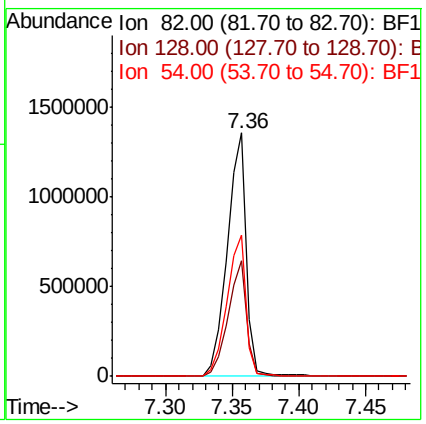


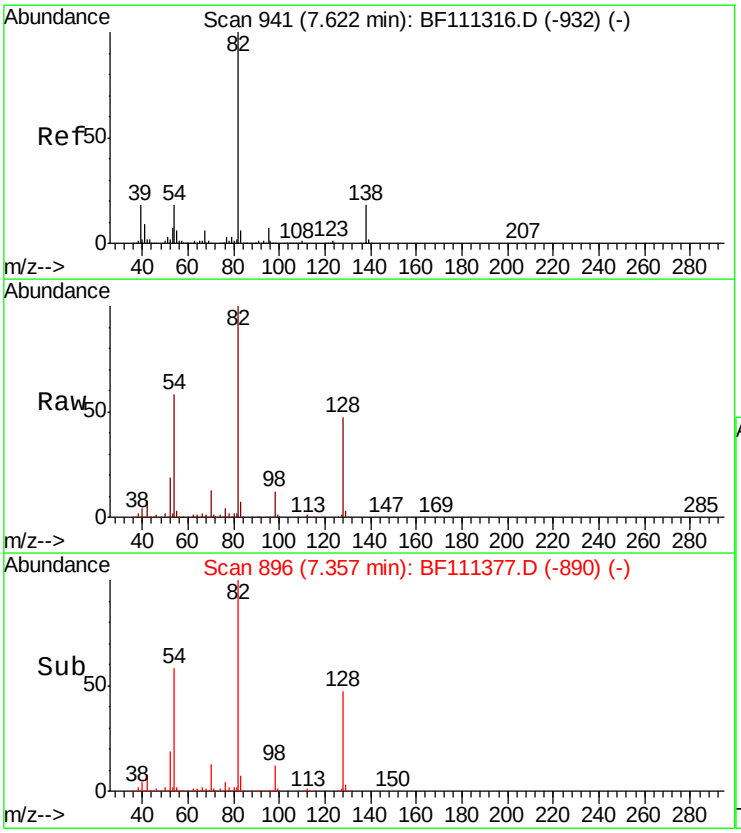
#23
Nitrobenzene-d5
Concen: 81.053 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Instrument :
BNA_F
ClientSampleId :
SB-6(13-15)

Tgt Ion: 82 Resp: 1368741

Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.4	56.2
54	58.1	47.6	71.4

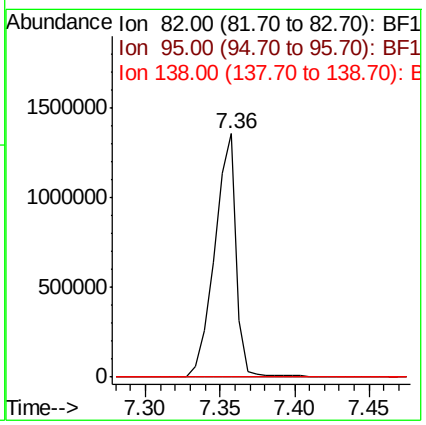


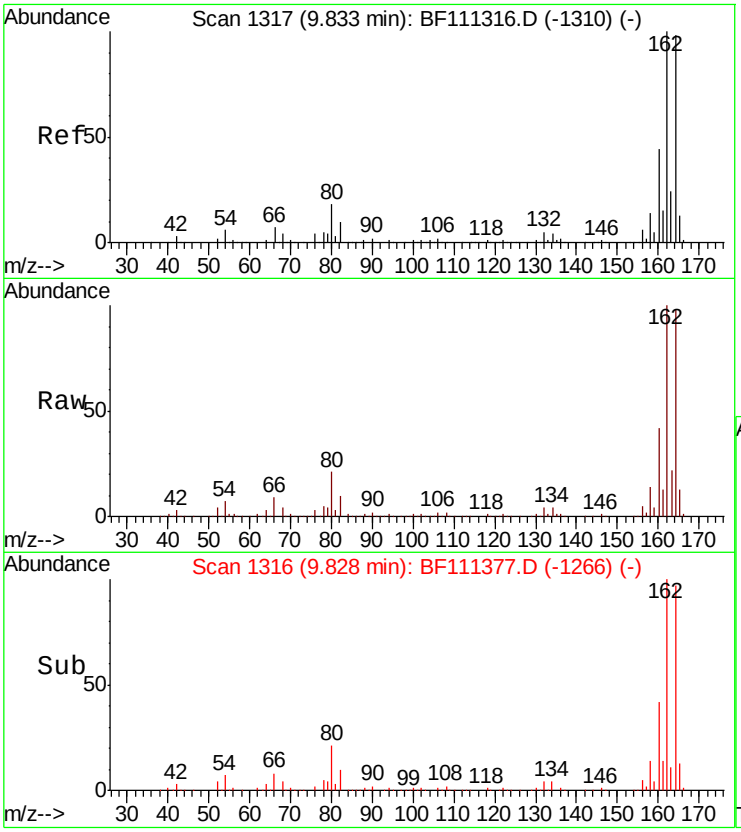


#25
Isophorone
Concen: 46.993 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Tgt Ion: 82 Resp: 1347977

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	15.1	22.7#



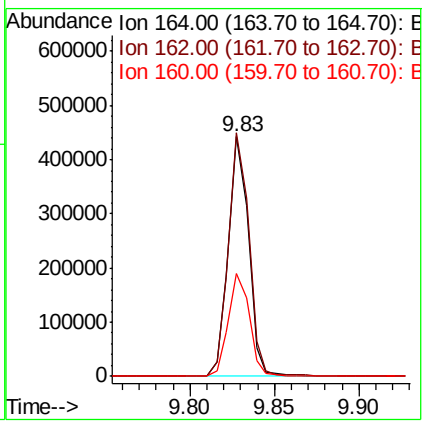


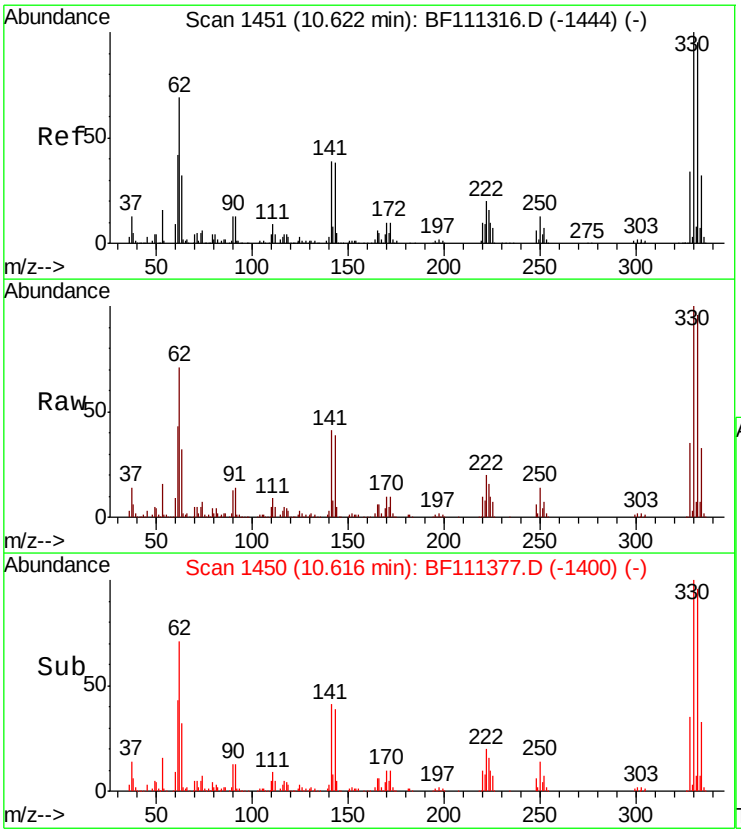
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Instrument :
BNA_F
ClientSampleId :
SB-6(13-15)

Tgt Ion:164 Resp: 369092

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.4	122.0
160	42.9	35.7	53.5

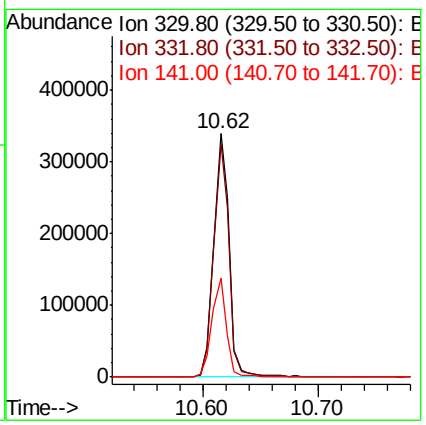


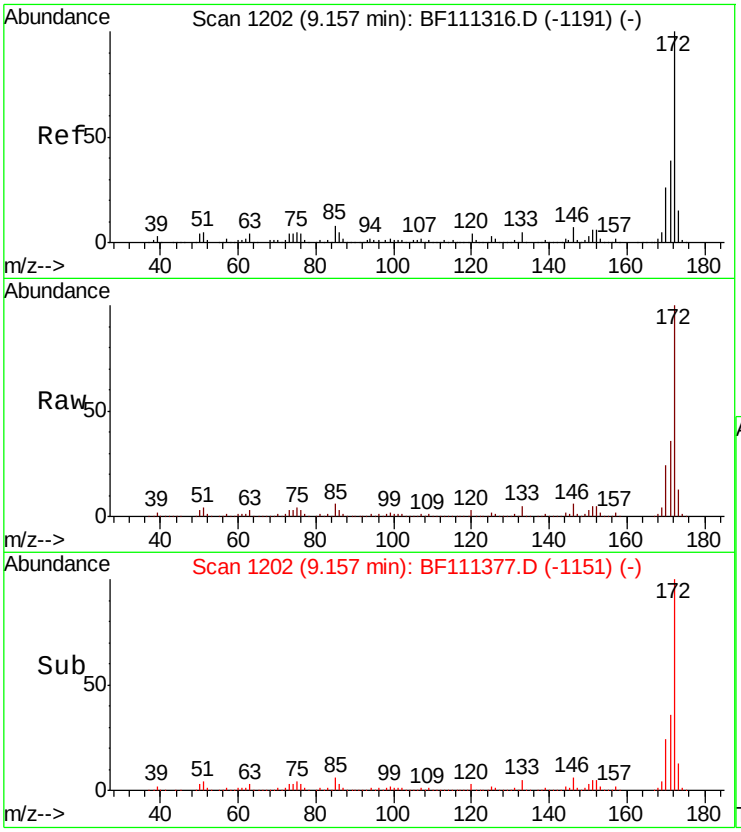


#42
2,4,6-Tribromophenol
Concen: 95.948 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Tgt Ion:330 Resp: 312177

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.0	114.0
141	38.8	31.0	46.6



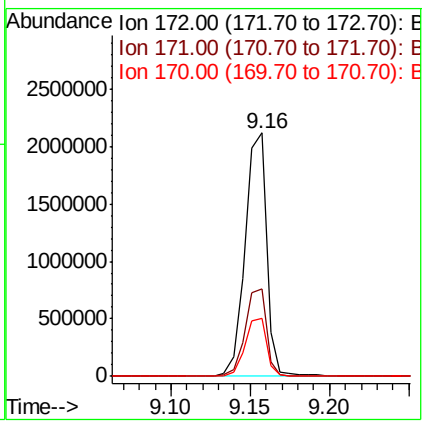


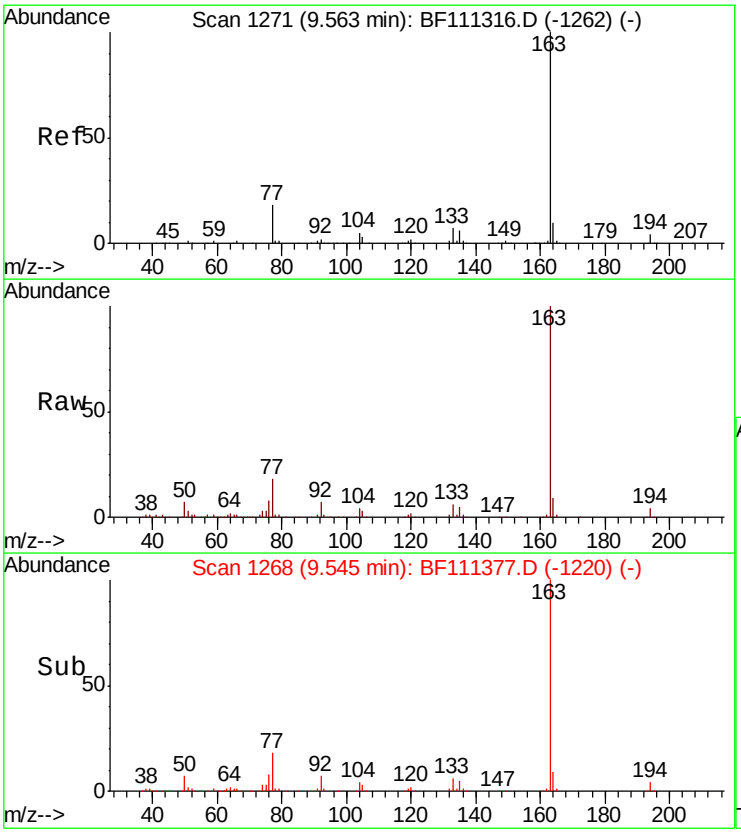
#45
2-Fluorobiphenyl
Concen: 86.679 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Instrument :
BNA_F
ClientSampleId :
SB-6(13-15)

Tgt Ion:172 Resp: 1992701

Ion	Ratio	Lower	Upper
172	100		
171	35.9	33.0	49.4
170	24.0	22.3	33.5

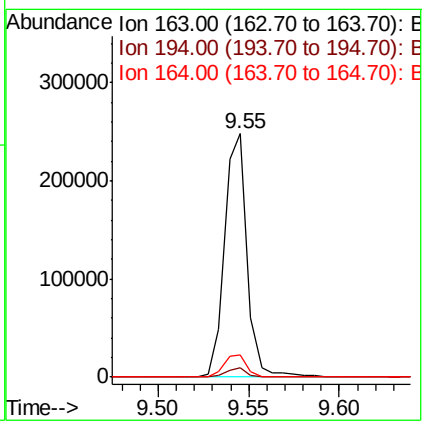


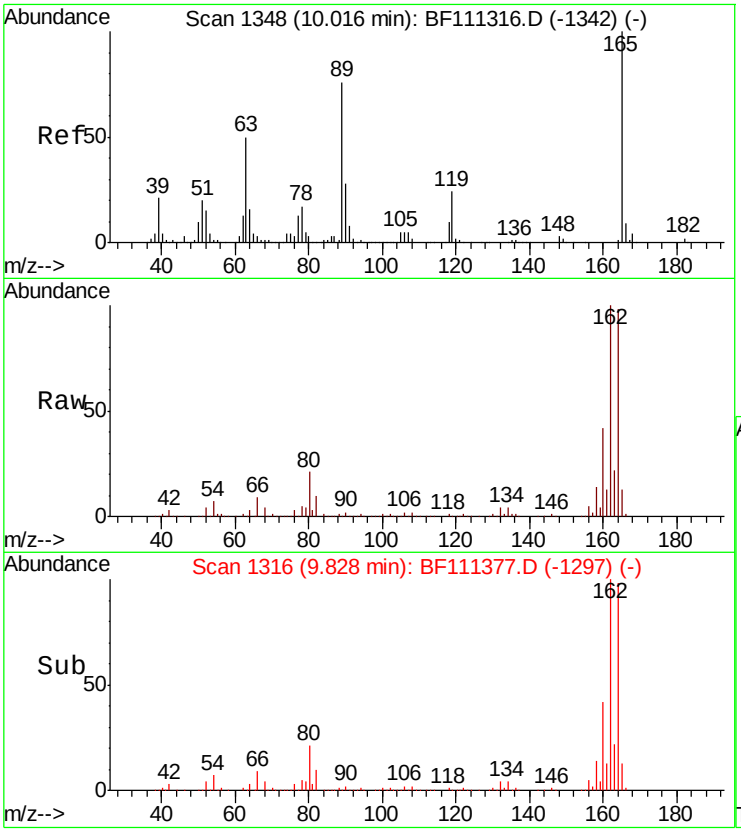


#50
Dimethylphthalate
Concen: 8.095 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Tgt Ion:163 Resp: 214843

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	9.1	8.9	13.3



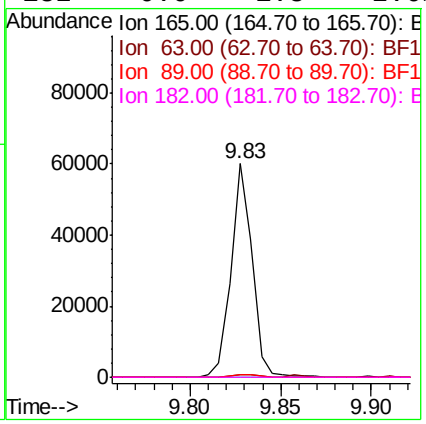


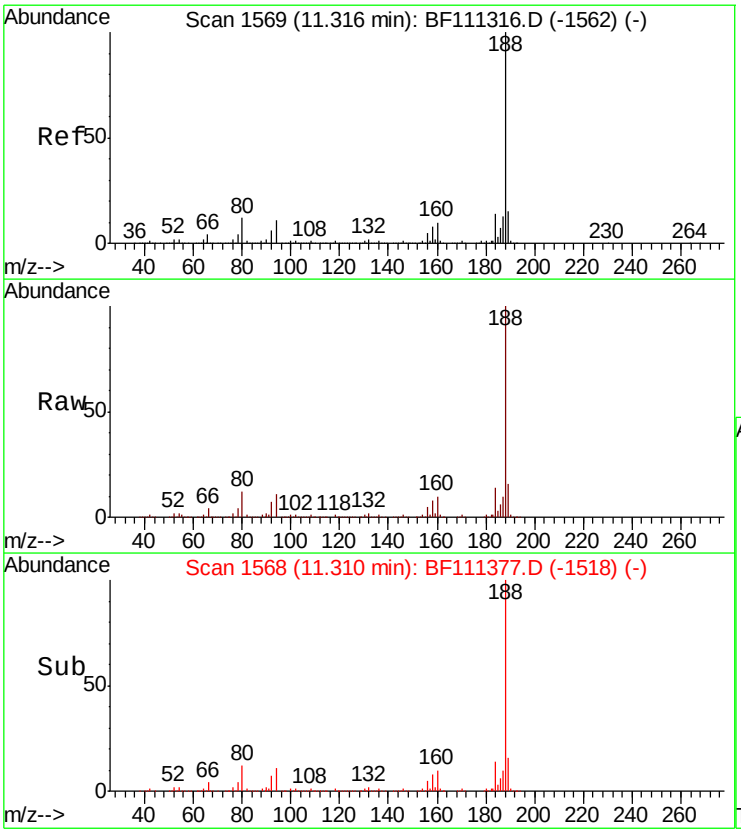
#57
2,4-Dinitrotoluene
Concen: 6.508 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Instrument :
BNA_F
ClientSampleId :
SB-6(13-15)

Tgt Ion:165 Resp: 49070

Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.6	52.0#
89	1.2	56.2	84.4#
182	0.0	1.8	2.6#

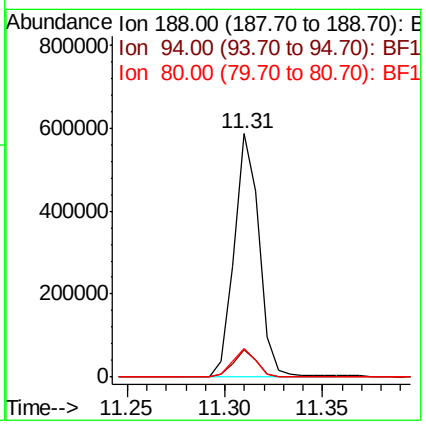


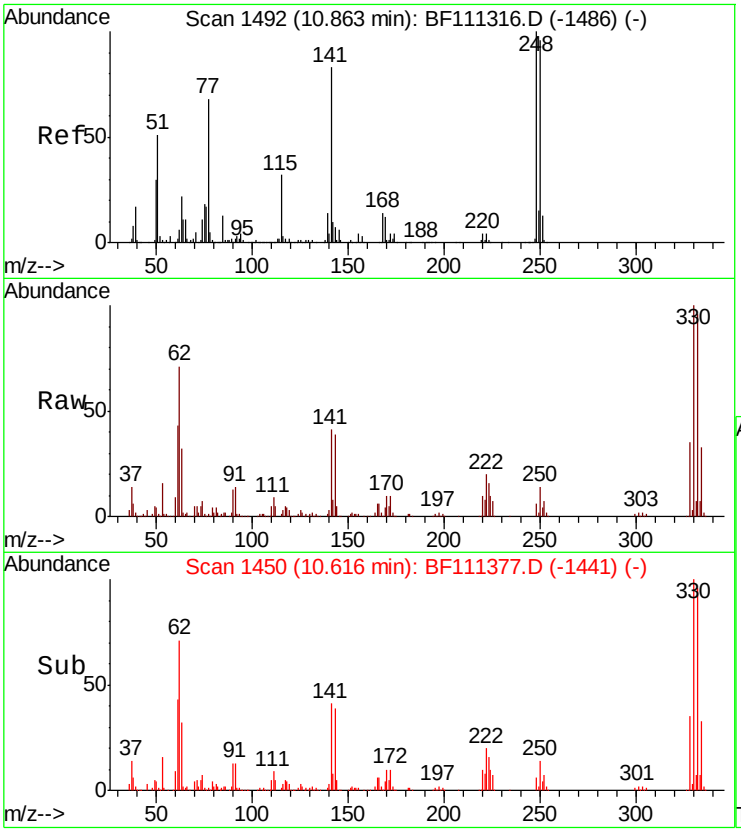


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Tgt Ion:188 Resp: 521321

Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.6	14.4
80	11.8	9.8	14.6



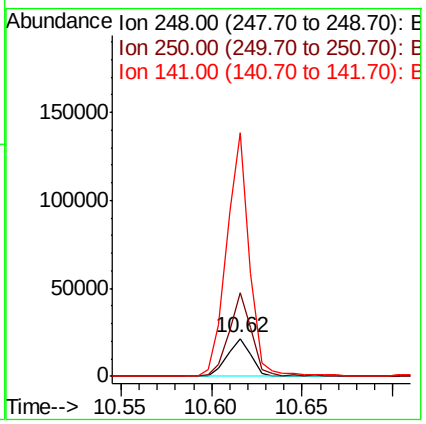


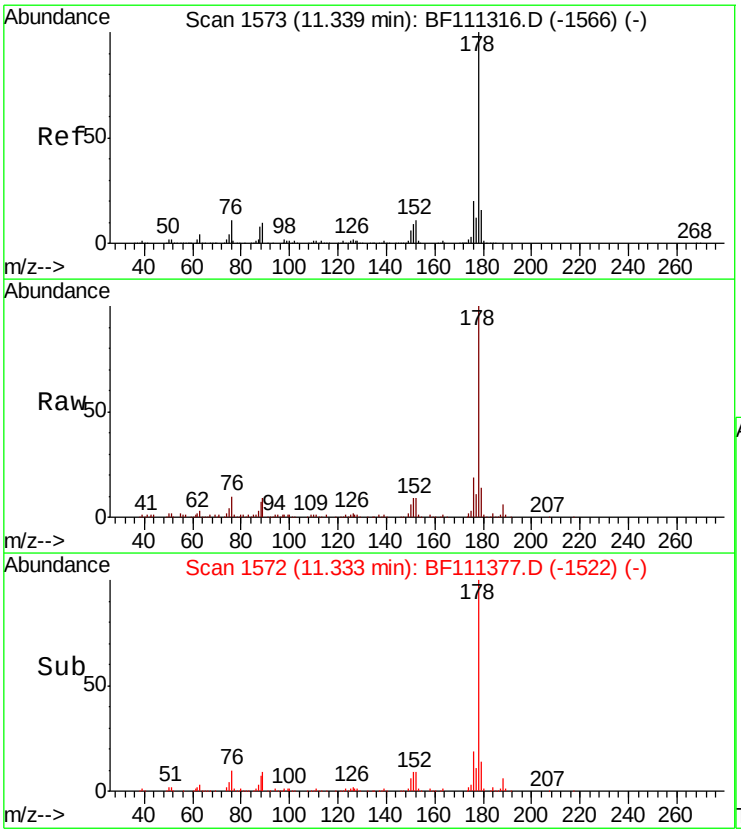
#67
4-Bromophenyl-phenylether
Concen: 3.420 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Instrument :
BNA_F
ClientSampleId :
SB-6(13-15)

Tgt Ion:248 Resp: 19848

Ion	Ratio	Lower	Upper
248	100		
250	219.1	77.0	115.4#
141	640.4	63.0	94.6#

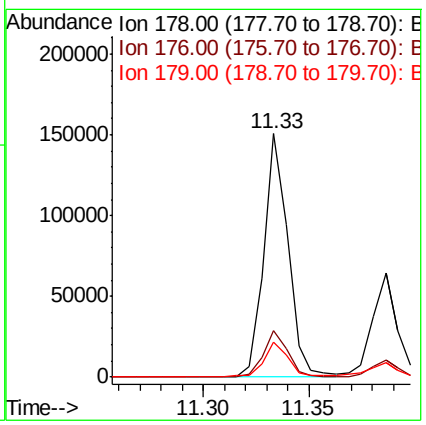


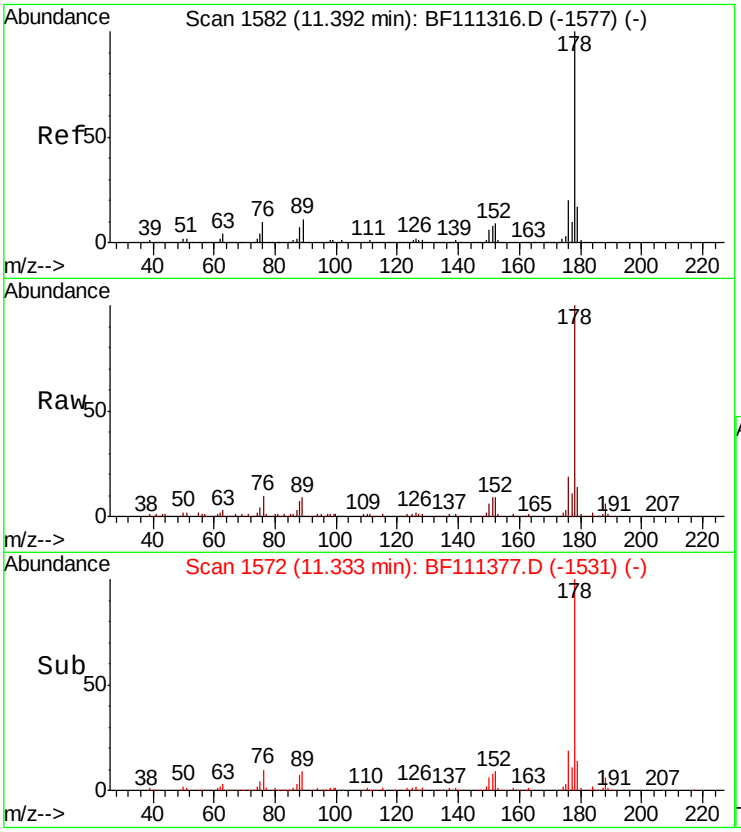


#71
Phenanthrene
Concen: 4.465 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Tgt Ion:178 Resp: 120324

Ion	Ratio	Lower	Upper
178	100		
176	19.3	18.1	27.1
179	14.2	14.0	21.0



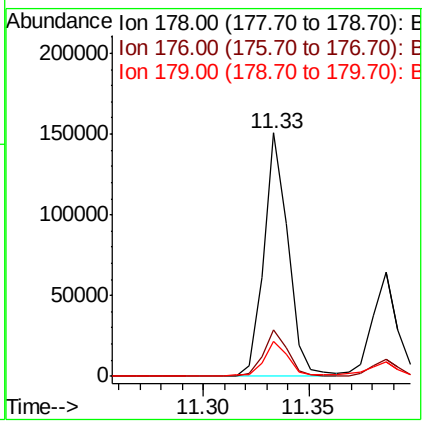


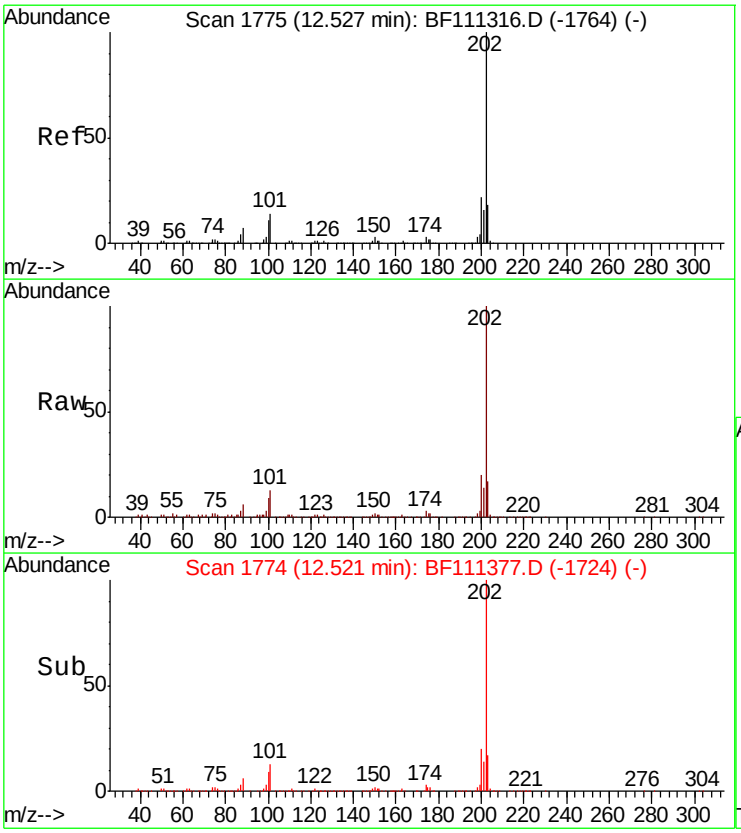
#72
Anthracene
Concen: 4.385 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.06 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Instrument :
BNA_F
ClientSampleId :
SB-6(13-15)

Tgt Ion:178 Resp: 120324

Ion	Ratio	Lower	Upper
178	100		
176	19.3	17.2	25.8
179	14.2	13.8	20.8

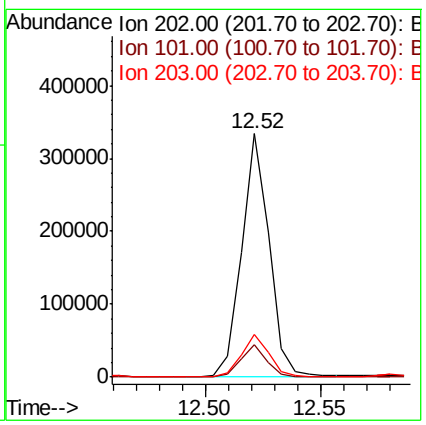


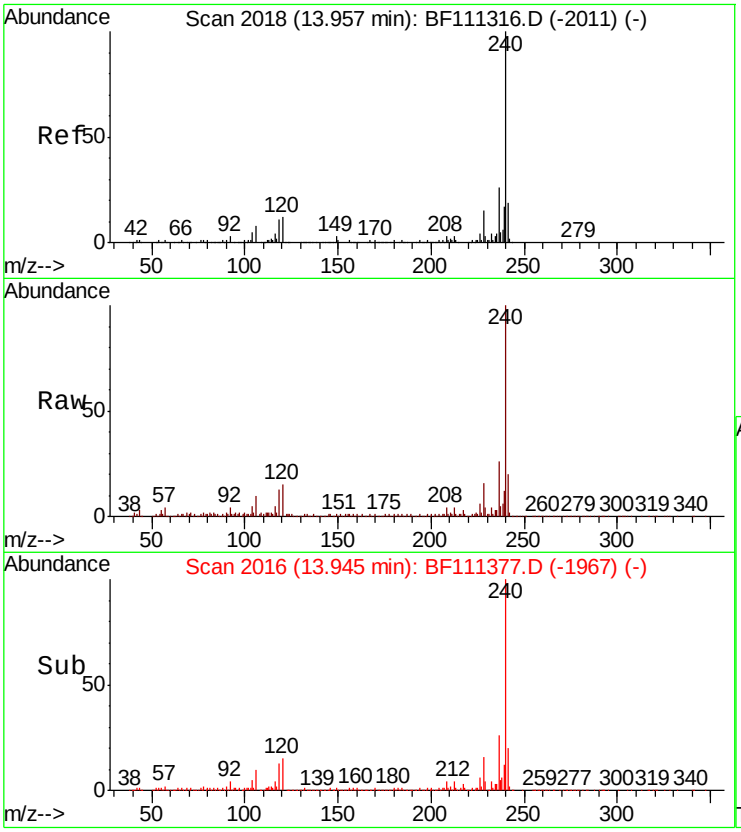


#75
Fluoranthene
Concen: 10.476 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Tgt Ion:202 Resp: 275587

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	33.8
203	17.5	0.0	38.6



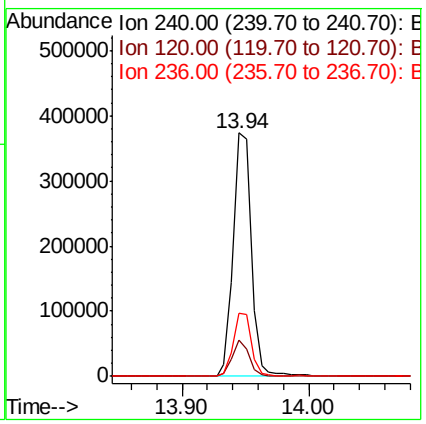


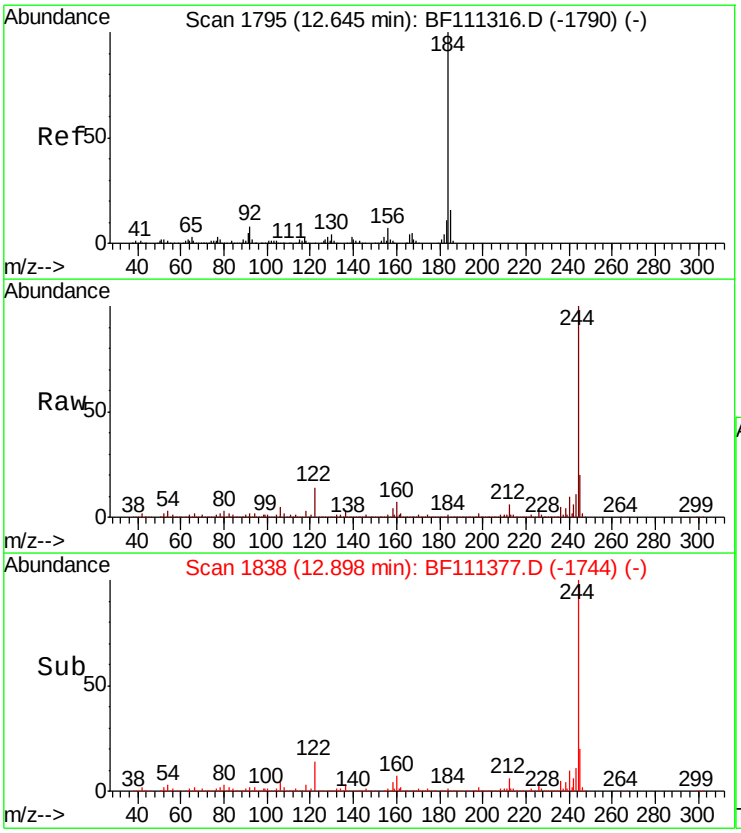
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Instrument :
BNA_F
ClientSampleId :
SB-6(13-15)

Tgt Ion:240 Resp: 369709

Ion	Ratio	Lower	Upper
240	100		
120	15.0	12.2	18.2
236	25.7	20.2	30.2

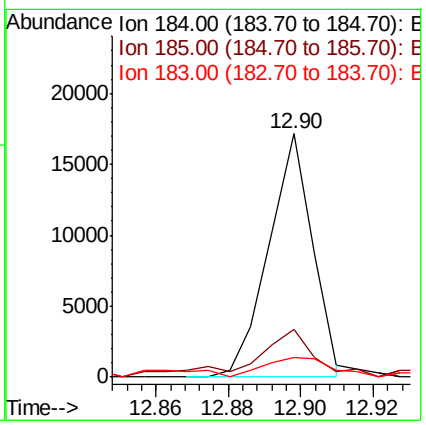


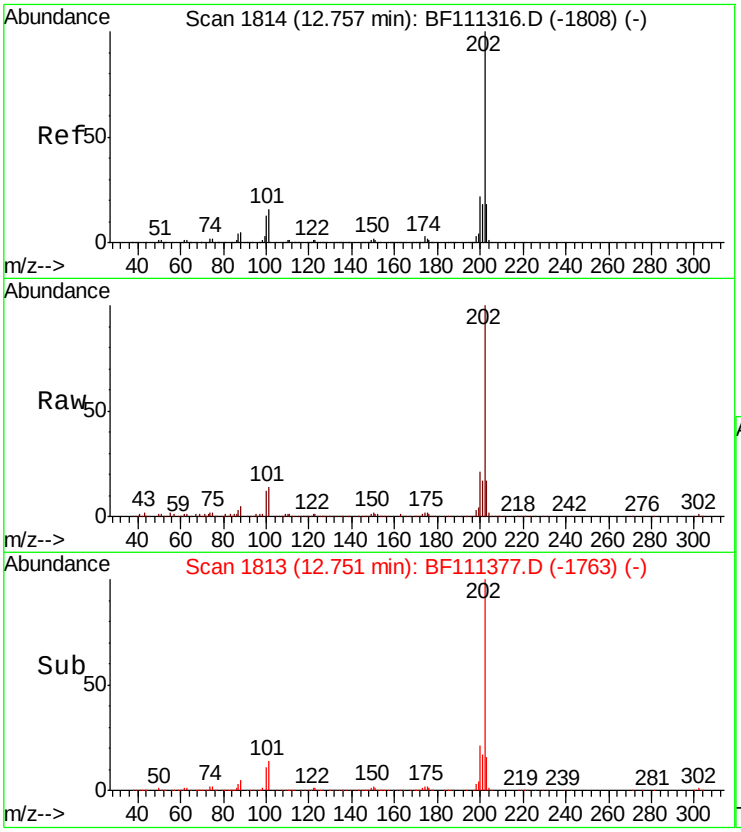


#77
Benzidine
Concen: 2.077 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.25 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Tgt Ion:184 Resp: 14489

Ion	Ratio	Lower	Upper
184	100		
185	19.8	13.0	19.6#
183	7.8	9.3	13.9#



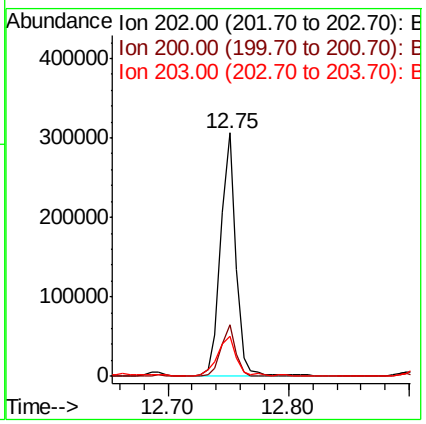


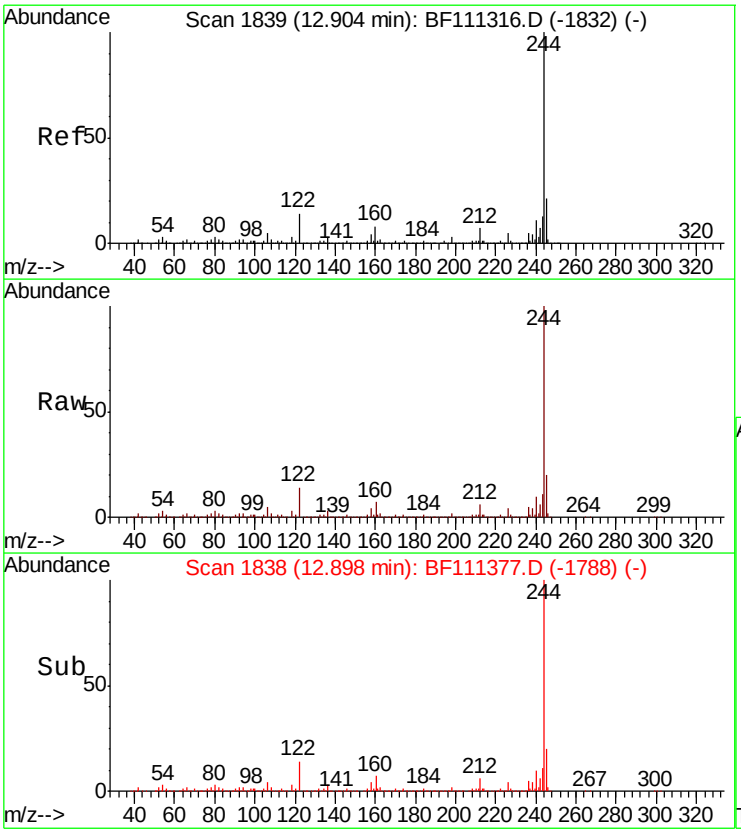
#78
Pyrene
Concen: 9.296 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Instrument :
BNA_F
ClientSampleId :
SB-6(13-15)

Tgt Ion:202 Resp: 265249

Ion	Ratio	Lower	Upper
202	100		
200	21.3	19.0	28.4
203	16.6	15.2	22.8

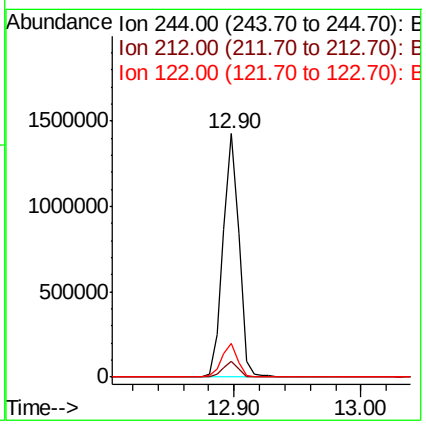


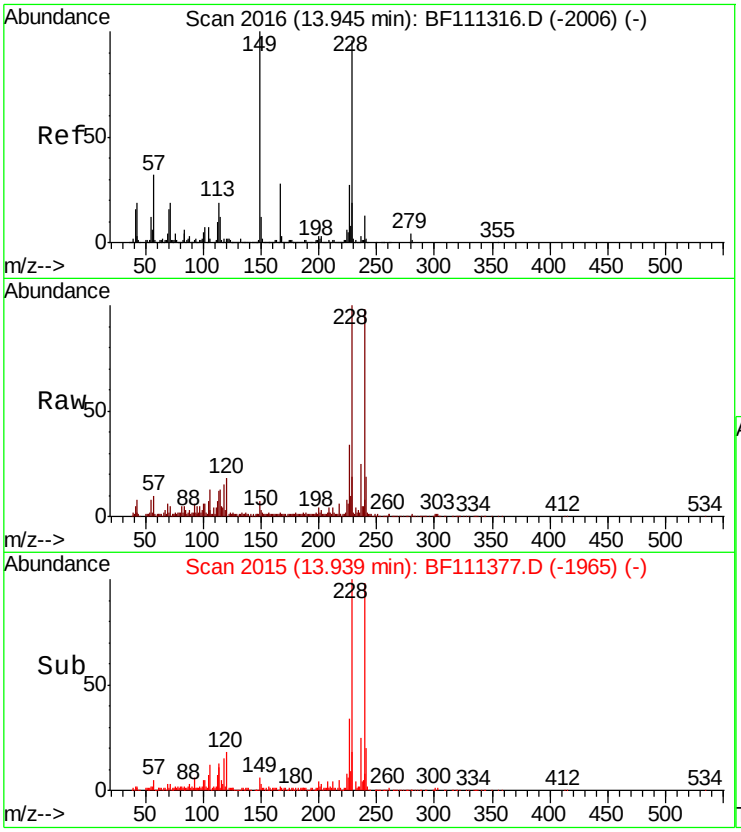


#79
Terphenyl-d14
Concen: 74.692 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Tgt Ion:244 Resp: 1254658

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	13.8	13.1	19.7



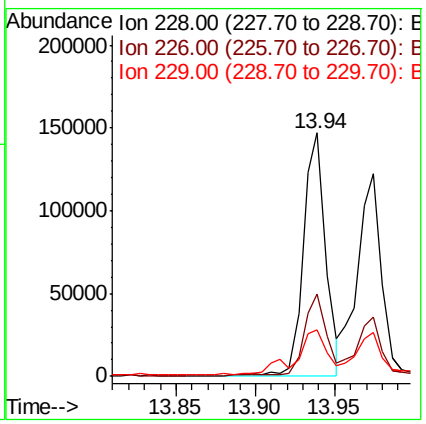


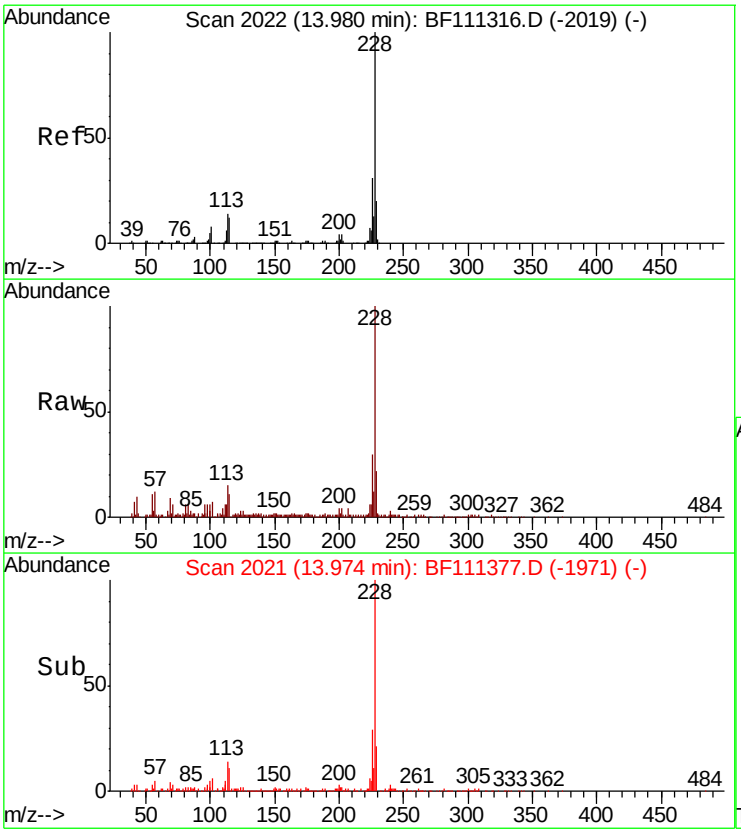
#81
Benzo(a)anthracene
Concen: 6.877 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Instrument :
BNA_F
ClientSampleId :
SB-6(13-15)

Tgt Ion:228 Resp: 142247

Ion	Ratio	Lower	Upper
228	100		
226	33.8	22.6	34.0
229	19.2	16.3	24.5

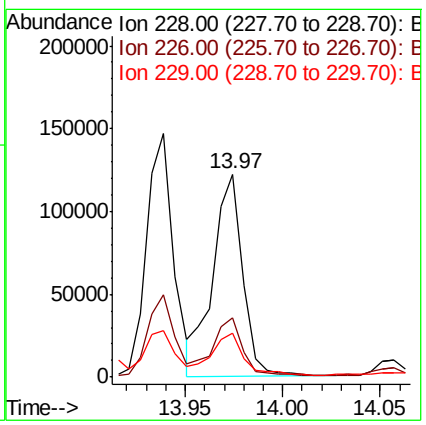


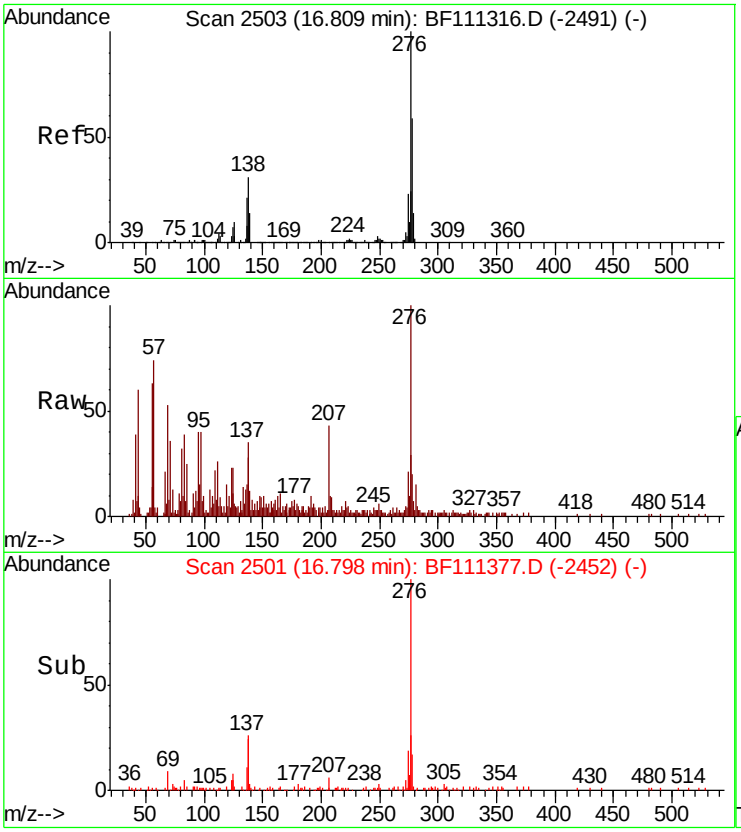


#83
Chrysene
Concen: 6.194 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Tgt Ion:228 Resp: 130718

Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.3	37.9
229	21.9	17.2	25.8



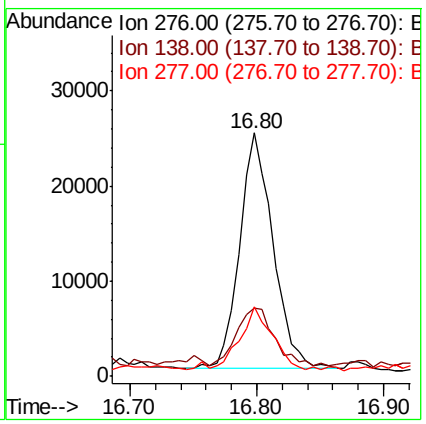


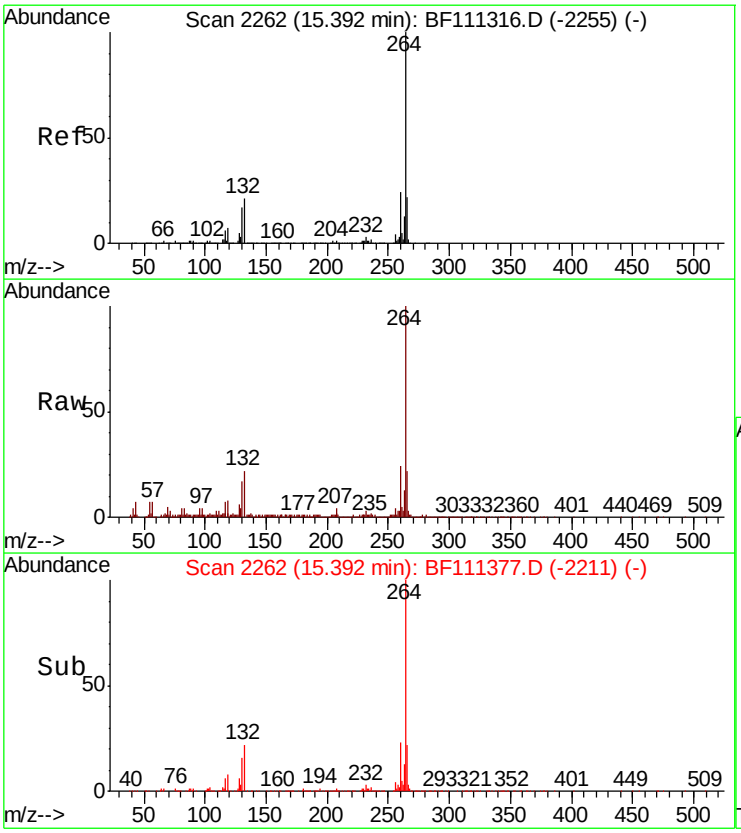
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.745 ng
RT: 16.80 min Scan# 2501
Delta R.T. -0.01 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Instrument :
BNA_F
ClientSampleId :
SB-6(13-15)

Tgt Ion:276 Resp: 45311

Ion	Ratio	Lower	Upper
276	100		
138	28.7	27.8	41.6
277	25.5	20.1	30.1

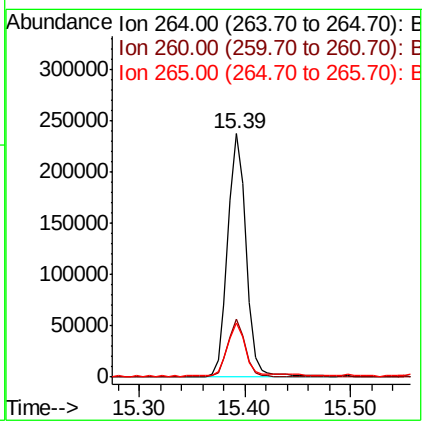


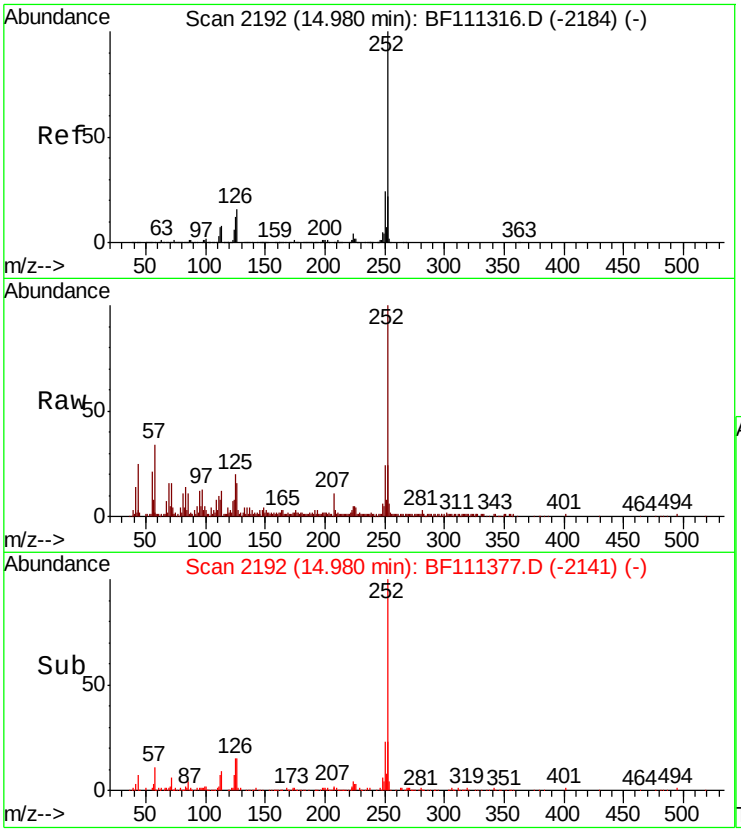


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.00 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Tgt Ion:264 Resp: 284128

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	22.4	17.7	26.5



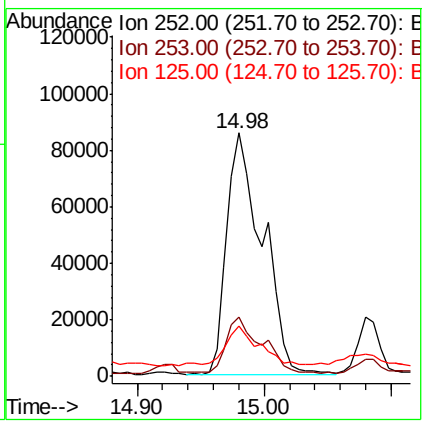


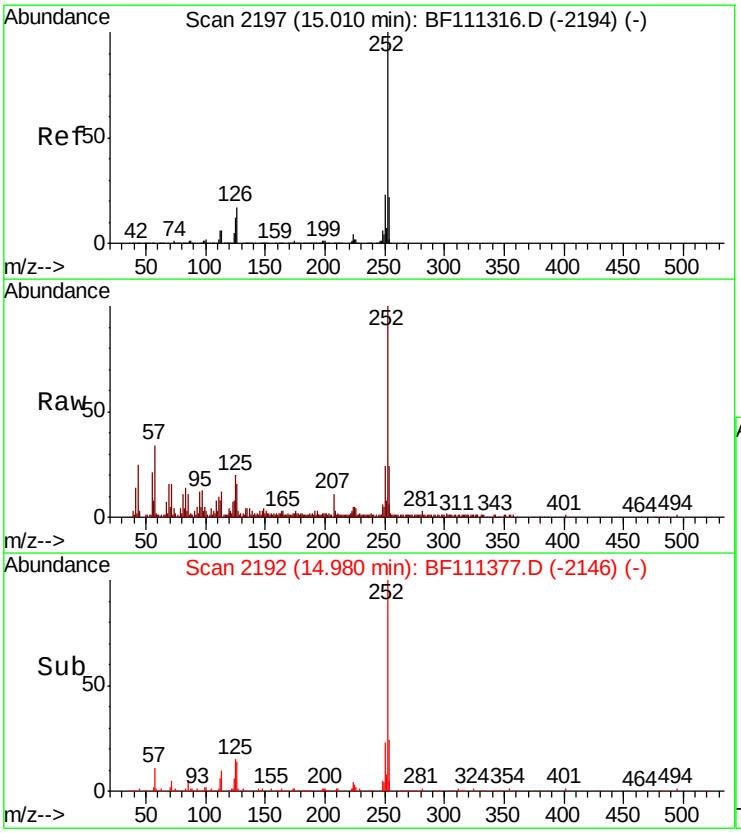
#88
Benzo(b)fluoranthene
Concen: 10.343 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Instrument :
BNA_F
ClientSampleId :
SB-6(13-15)

Tgt Ion:252 Resp: 167107

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.2	27.2
125	20.5	10.4	15.6#

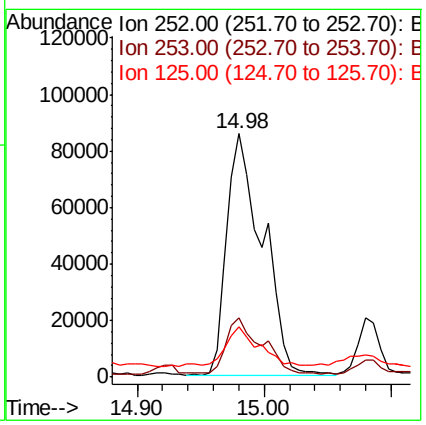


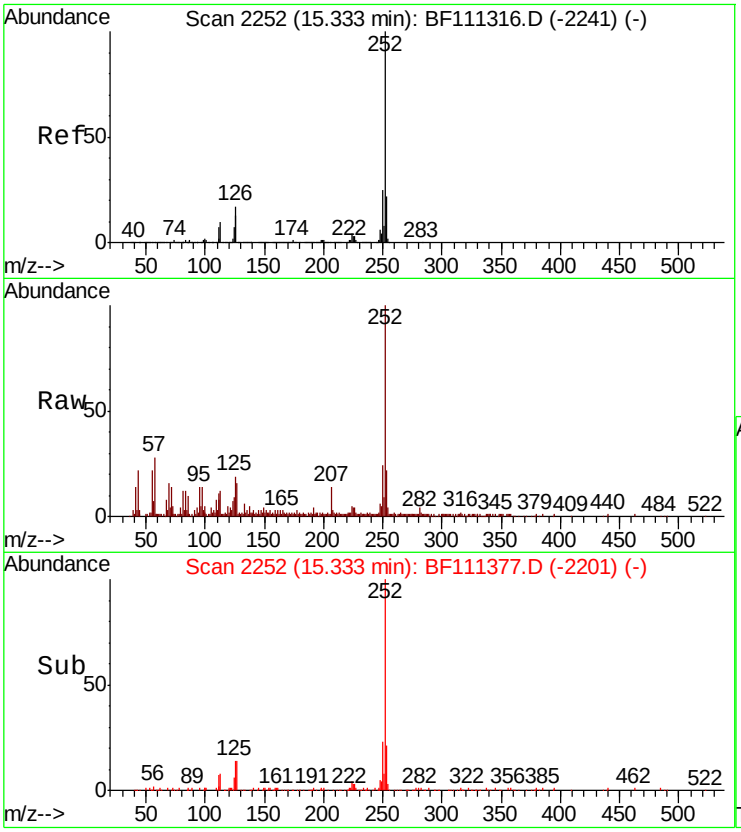


#89
Benzo(k)fluoranthene
Concen: 10.362 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Tgt Ion:252 Resp: 167107

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.1	27.1
125	20.5	9.8	14.8#



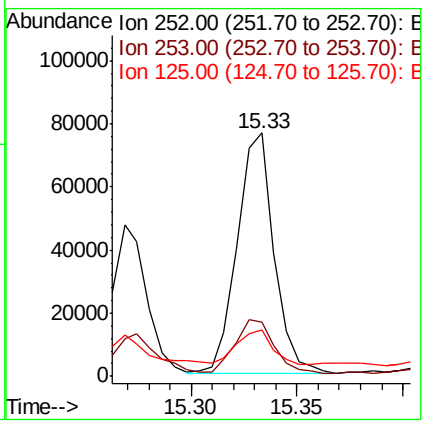


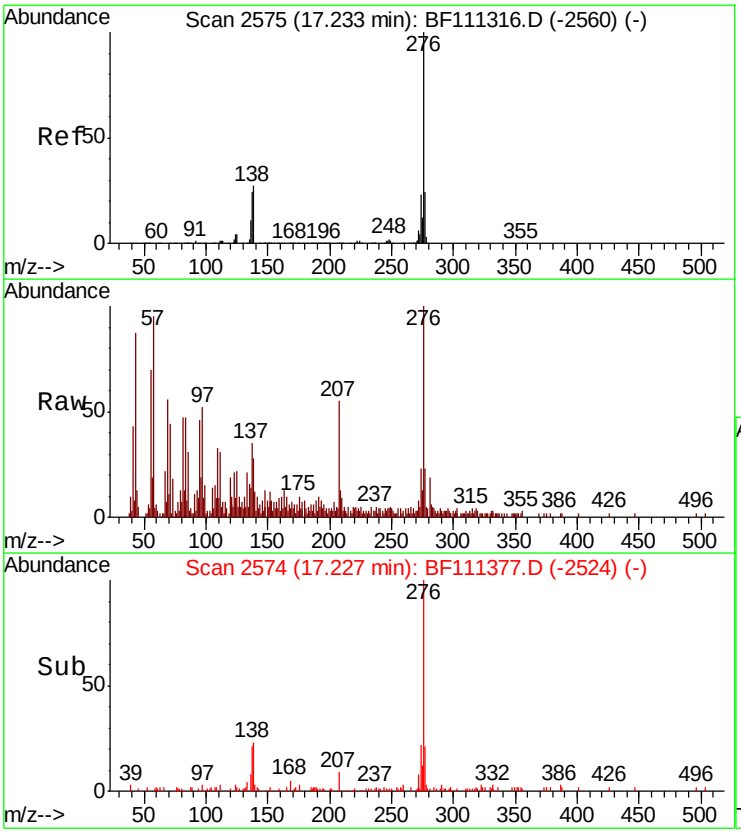
#90
Benzo(a)pyrene
Concen: 6.174 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Instrument :
BNA_F
ClientSampleId :
SB-6(13-15)

Tgt Ion:252 Resp: 92882

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	18.9	12.3	18.5#





#92
Benzo(g,h,i)perylene
Concen: 3.241 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.01 min
Lab File: BF111377.D
Acq: 13 Dec 2018 18:41

Tgt Ion:276 Resp: 40554

Ion	Ratio	Lower	Upper
276	100		
277	22.6	19.2	28.8
138	27.7	24.9	37.3