Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110427.D
Acq On : 2 Nov 2018 22:19
Operator : JU/SJ
Sample : J5759-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 03 00:52:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	85568	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	335279	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	130426	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	209993	20.00	ng		0.00
76) Chrysene-d12	14.13	240	168955	20.00	ng		0.00
87) Perylene-d12	15.66	264	118869	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	175892	33.47	ng		0.00
7) Phenol-d6	6.57	99	232957	34.66	ng		-0.01
23) Nitrobenzene-d5	7.52	82	133584	23.63	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	32236	24.95	ng		0.00
45) 2-Fluorobiphenyl	9.31	172	245302	29.53	ng		0.00
79) Terphenyl-d14	13.07	244	192134	23.65	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	329	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.52	70	17160	3.980	ng	#	82
25) Isophorone	7.52	82	133583	13.863	ng	#	67
51) 2,6-Dinitrotoluene	10.00	165	16830	8.115	ng	#	22
57) 2,4-Dinitrotoluene	10.00	165	16830	6.389	ng	#	19
71) Phenanthrene	11.51	178	121592	11.066	ng		99
72) Anthracene	11.57	178	30450	2.765	ng		98
75) Fluoranthene	12.70	202	189081	16.956	ng		99
77) Benzidine	13.07	184	2876	Below Cal		#	84
78) Pyrene	12.93	202	184725	15.251	ng		97
81) Benzo(a)anthracene	14.12	228	82396	8.224	ng		99
83) Chrysene	14.16	228	72309	7.598	ng		96
86) Indeno(1,2,3-cd)pyrene	17.22	276	24362	3.086	ng	#	88
88) Benzo(b)fluoranthene	15.20	252	89015	12.968	ng	#	93
89) Benzo(k)fluoranthene	15.20	252	89015	13.191	ng	#	92
90) Benzo(a)pyrene	15.59	252	46240	7.321	ng	#	92
92) Benzo(g,h,i)perylene	17.70	276	23536	4.382	ng	#	85

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

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Acq On : 2 Nov 2018 22:19
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
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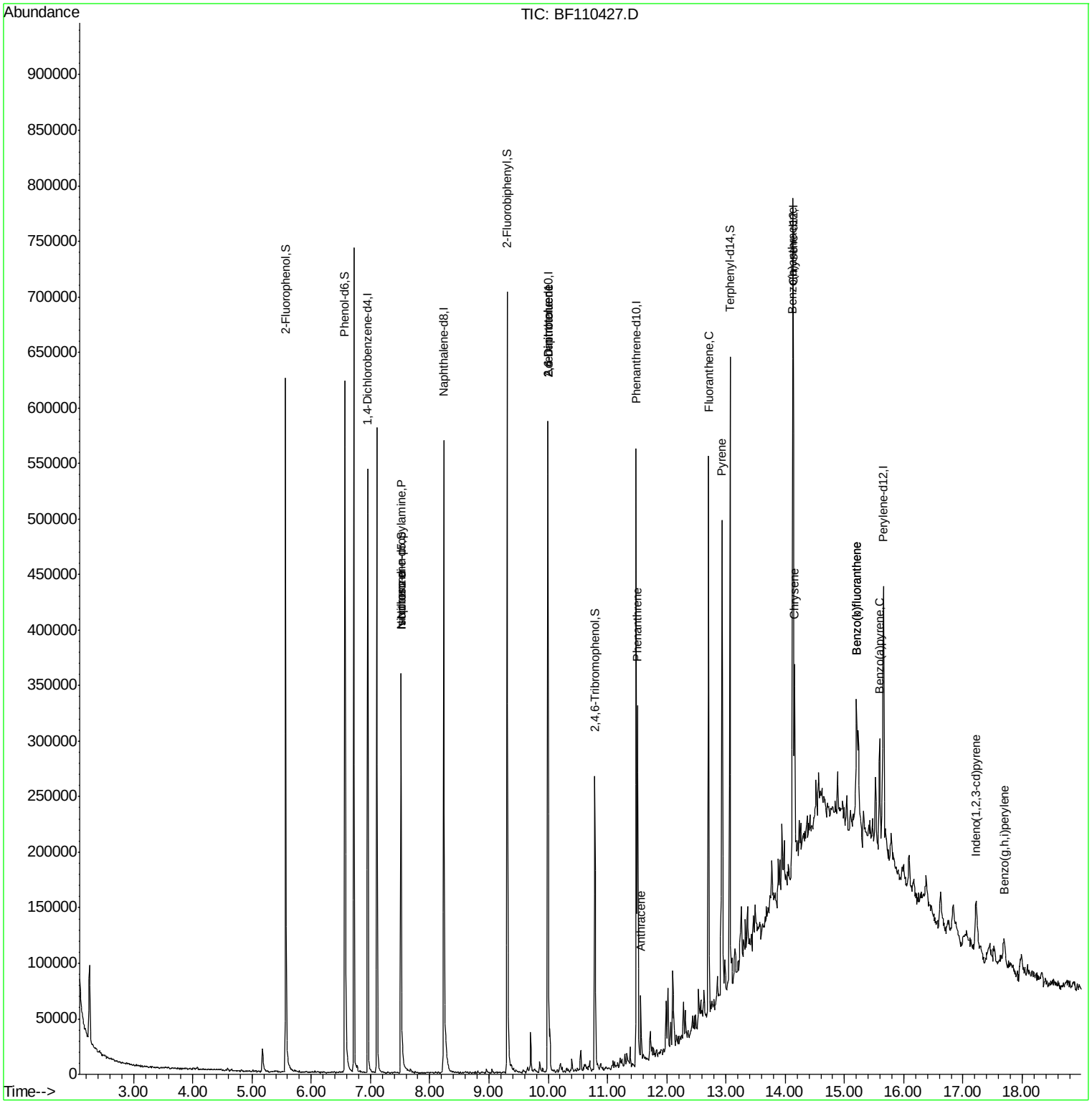
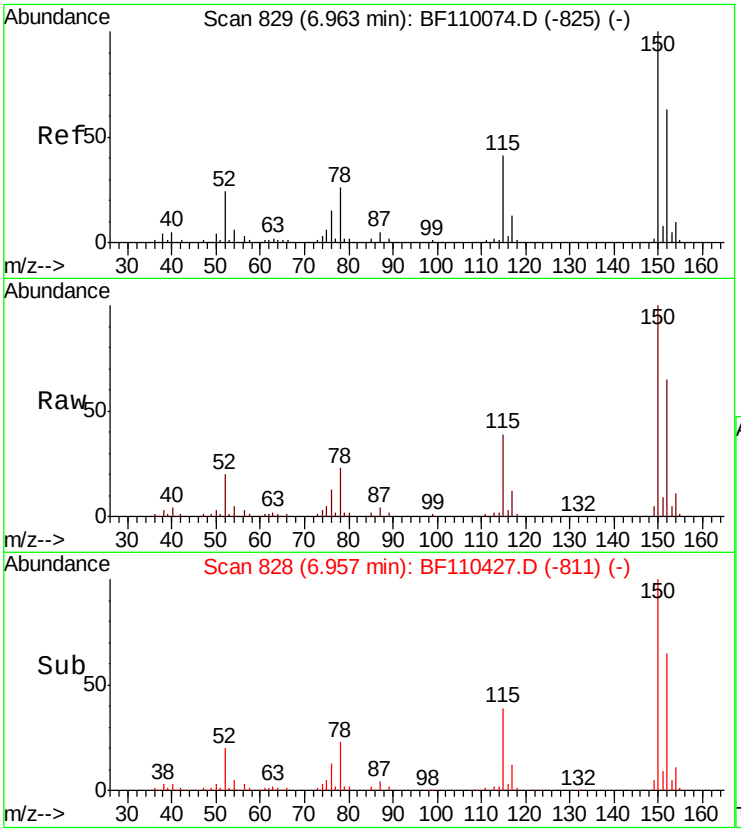


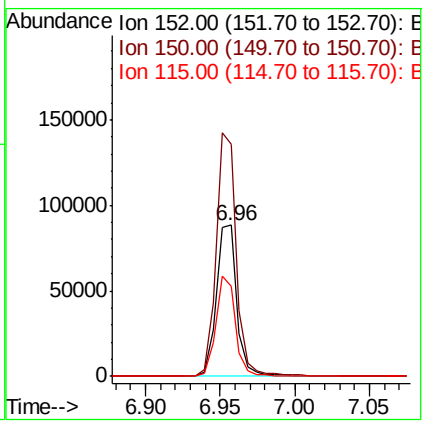


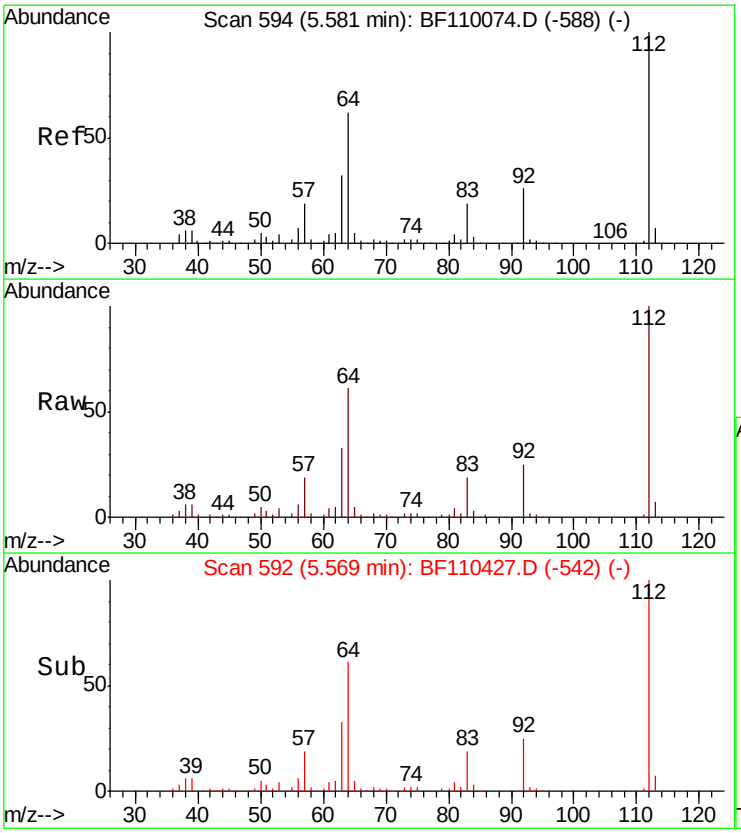
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF110427.D
Acq: 2 Nov 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 85568

Ion	Ratio	Lower	Upper
152	100		
150	153.7	122.7	184.1
115	59.9	49.1	73.7

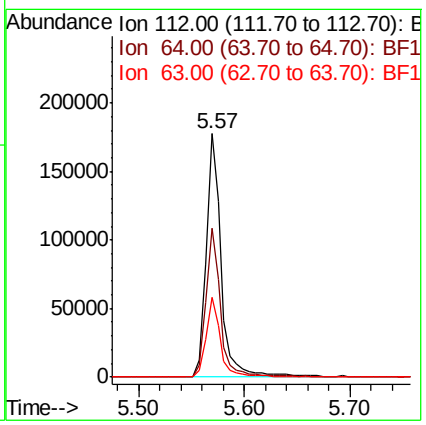


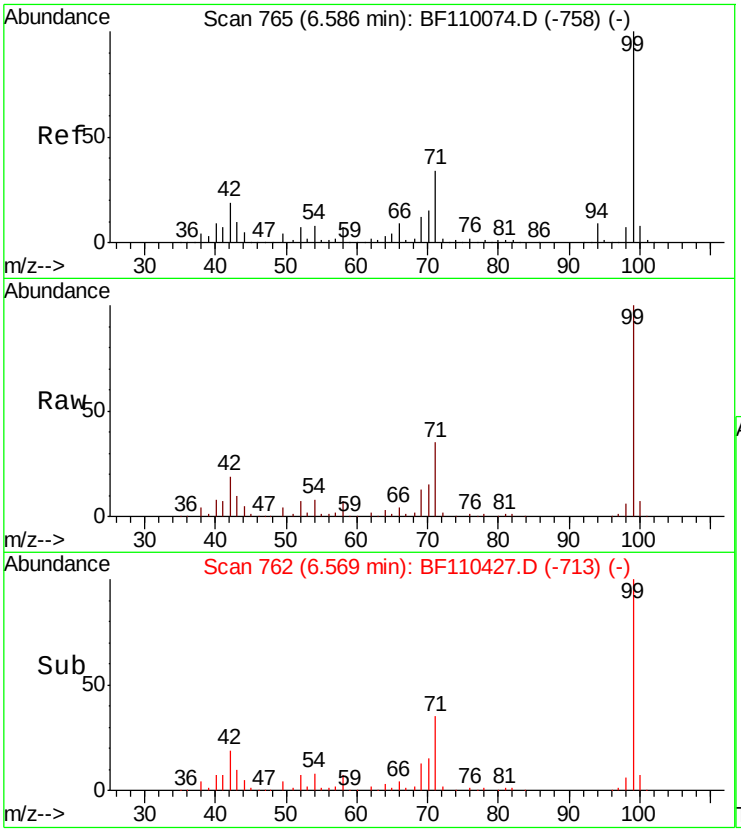


#5
2-Fluorophenol
Concen: 33.474 ng
RT: 5.57 min Scan# 592
Delta R.T. -0.01 min
Lab File: BF110427.D
Acq: 2 Nov 2018 22:19

Tgt Ion:112 Resp: 175892

Ion	Ratio	Lower	Upper
112	100		
64	61.3	44.1	66.1
63	32.6	23.7	35.5



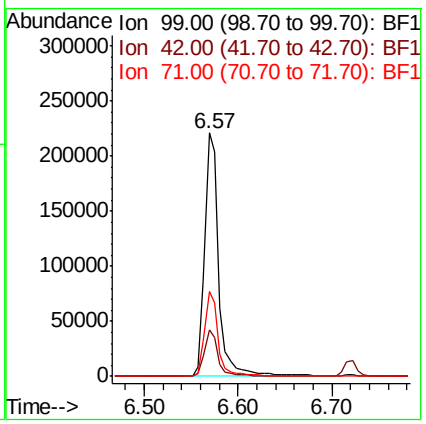


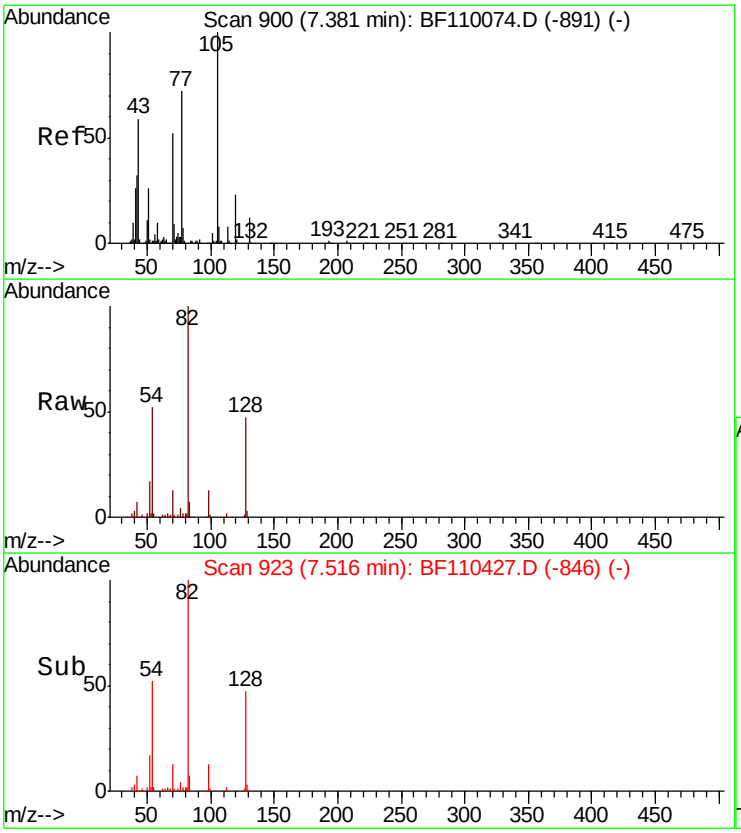
#7
Phenol-d6
Concen: 34.661 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF110427.D
Acq: 2 Nov 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 232957

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.8	23.6
71	34.7	28.0	42.0

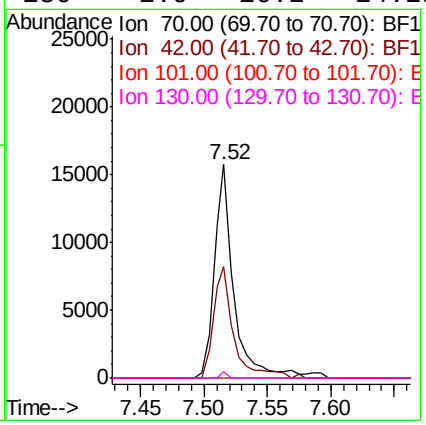


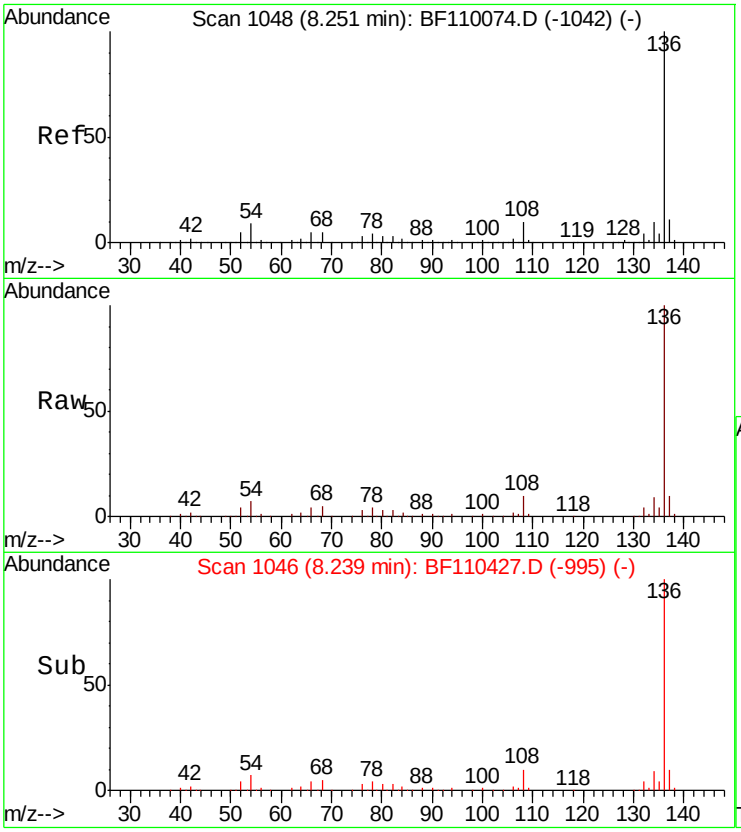


#19
n-Nitroso-di-n-propylamine
Concen: 3.980 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.15 min
Lab File: BF110427.D
Acq: 2 Nov 2018 22:19

Tgt Ion: 70 Resp: 17160

Ion	Ratio	Lower	Upper
70	100		
42	52.1	47.4	71.2
101	0.0	7.3	10.9#
130	2.9	16.2	24.2#



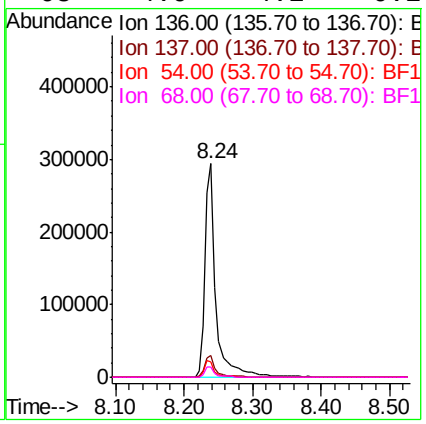


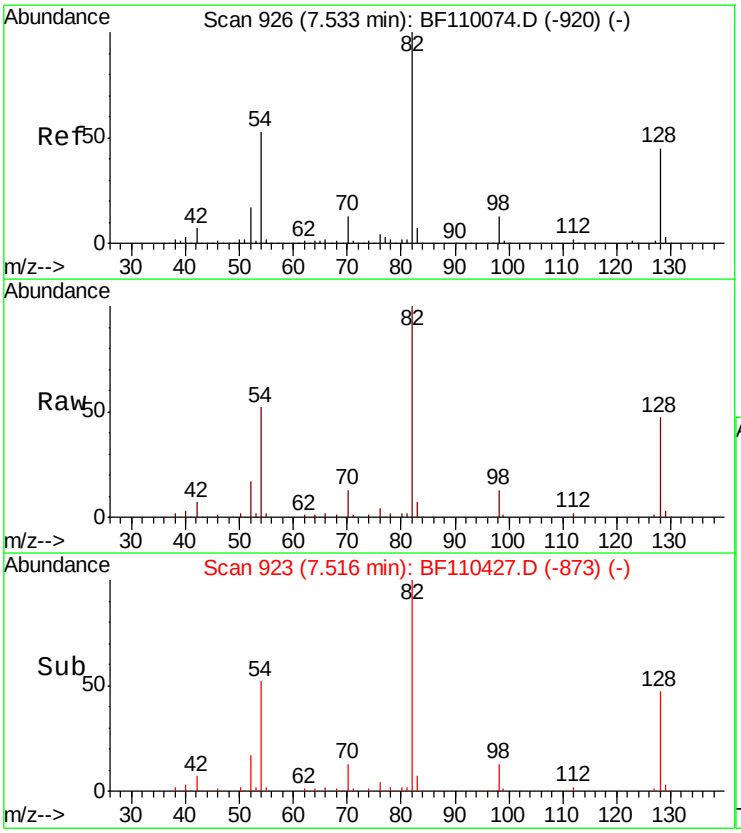
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF110427.D
Acq: 2 Nov 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 335279

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.8	13.2
54	7.1	5.4	8.2
68	4.9	4.2	6.2

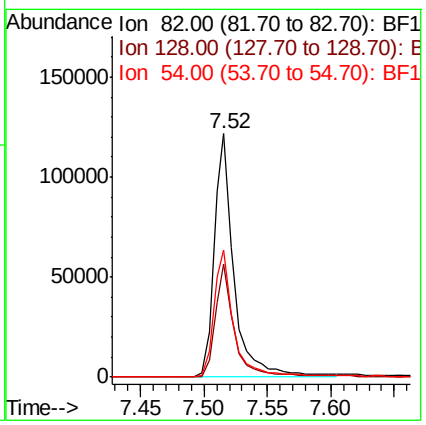


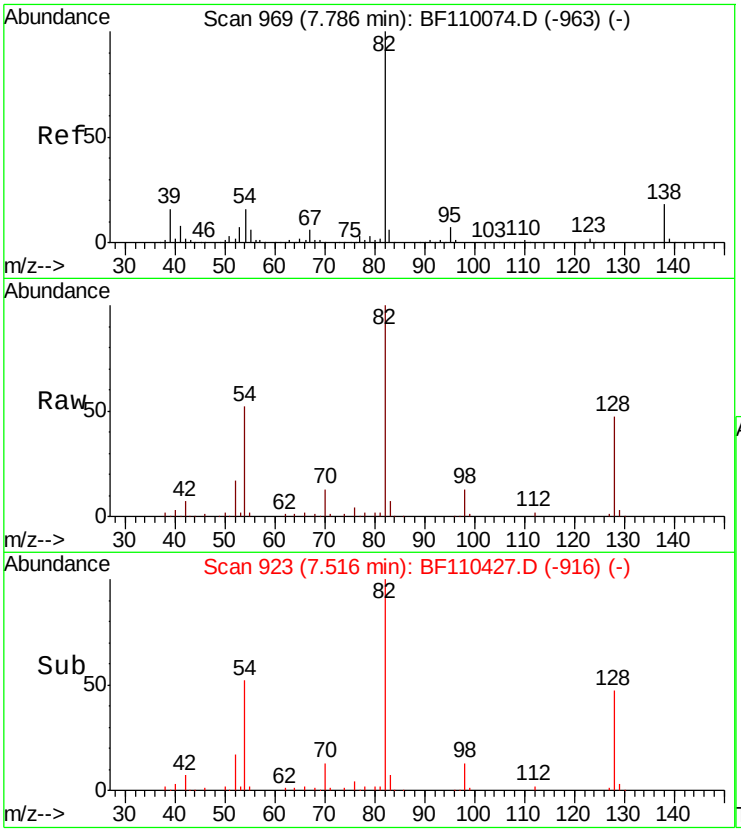


#23
Nitrobenzene-d5
Concen: 23.632 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110427.D
Acq: 2 Nov 2018 22:19

Tgt Ion: 82 Resp: 133584

Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.2	51.2
54	52.3	38.6	58.0



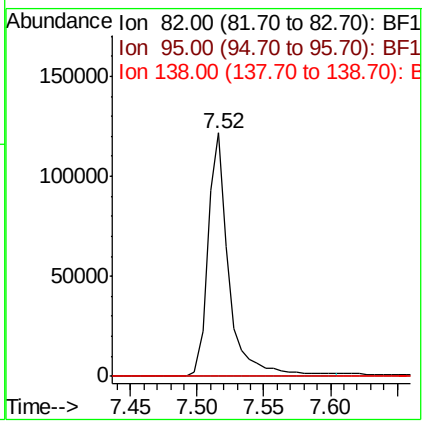


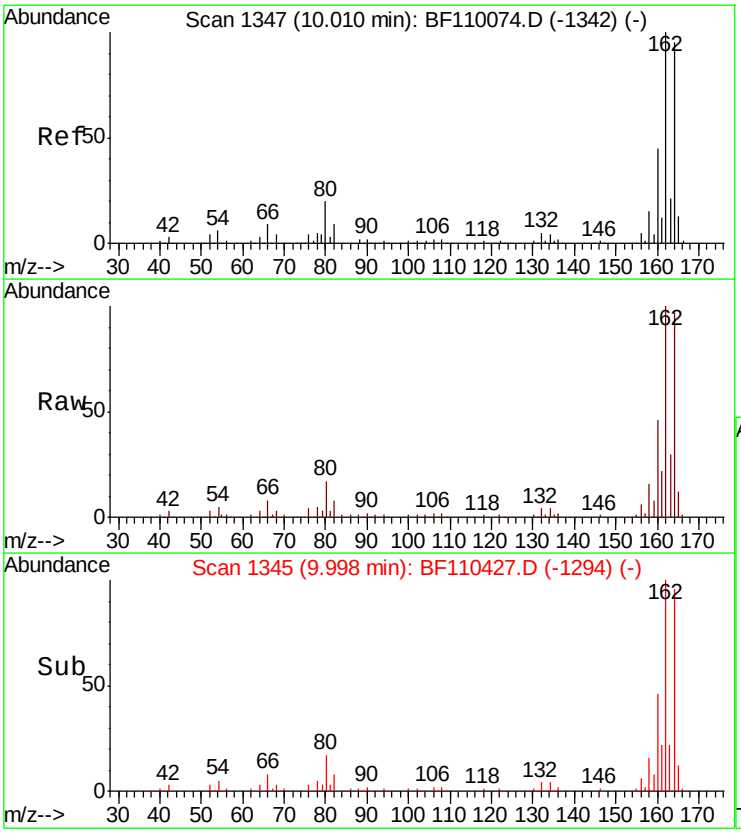
#25
Isophorone
Concen: 13.863 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.26 min
Lab File: BF110427.D
Acq: 2 Nov 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 133583

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#

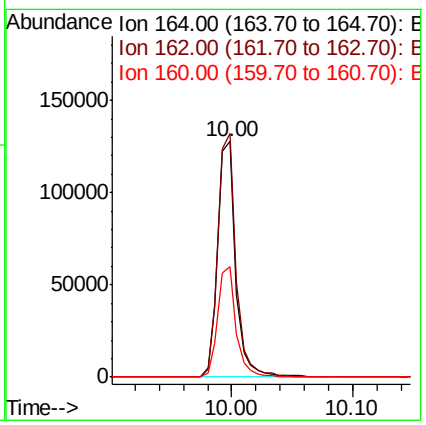


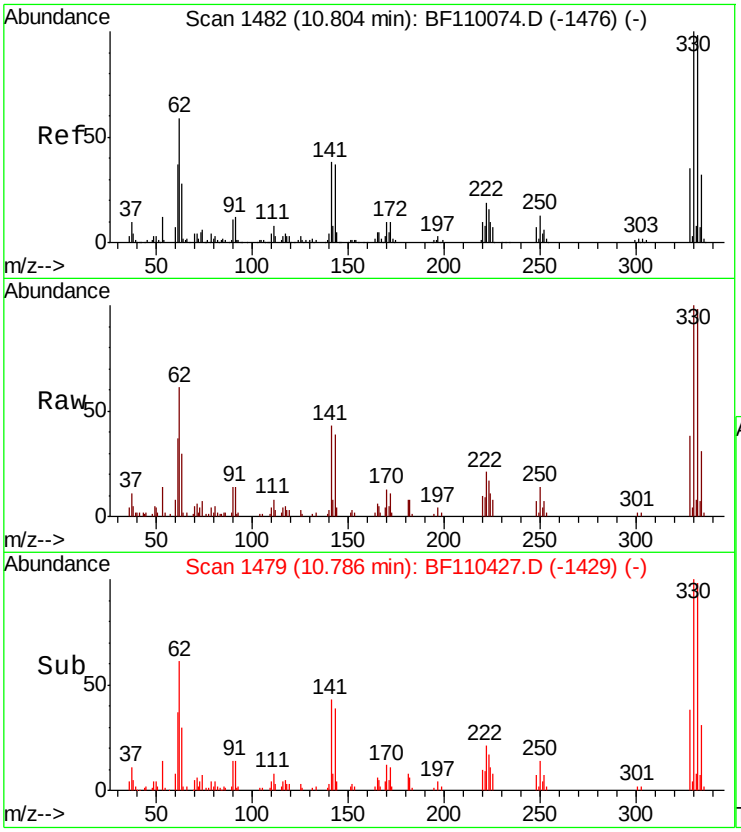


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF110427.D
Acq: 2 Nov 2018 22:19

Tgt Ion:164 Resp: 130426

Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.0	124.6
160	47.1	37.0	55.6



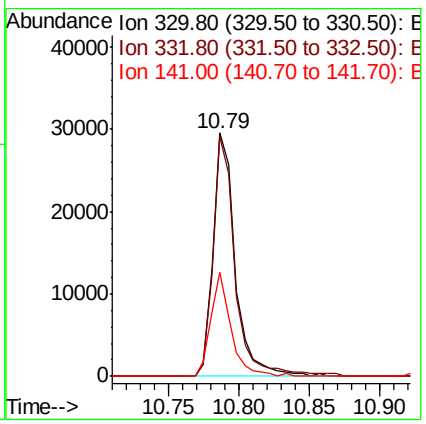


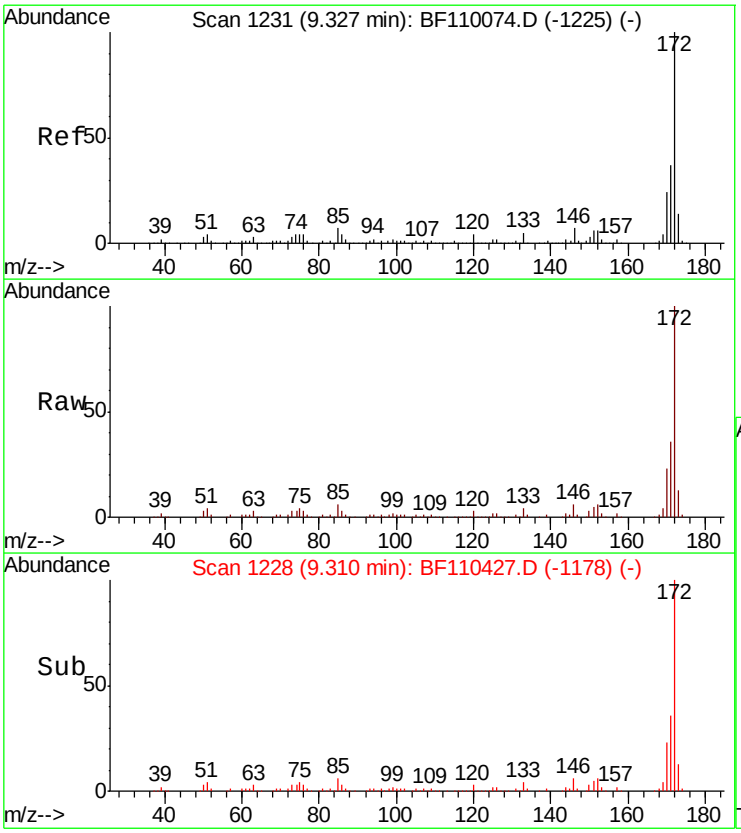
#42
2,4,6-Tribromophenol
Concen: 24.951 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110427.D
Acq: 2 Nov 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 32236

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.1	115.7
141	39.1	27.0	40.4

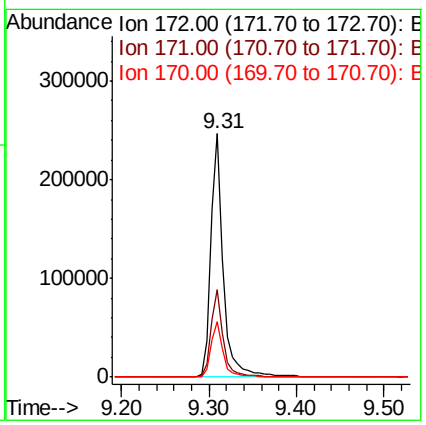


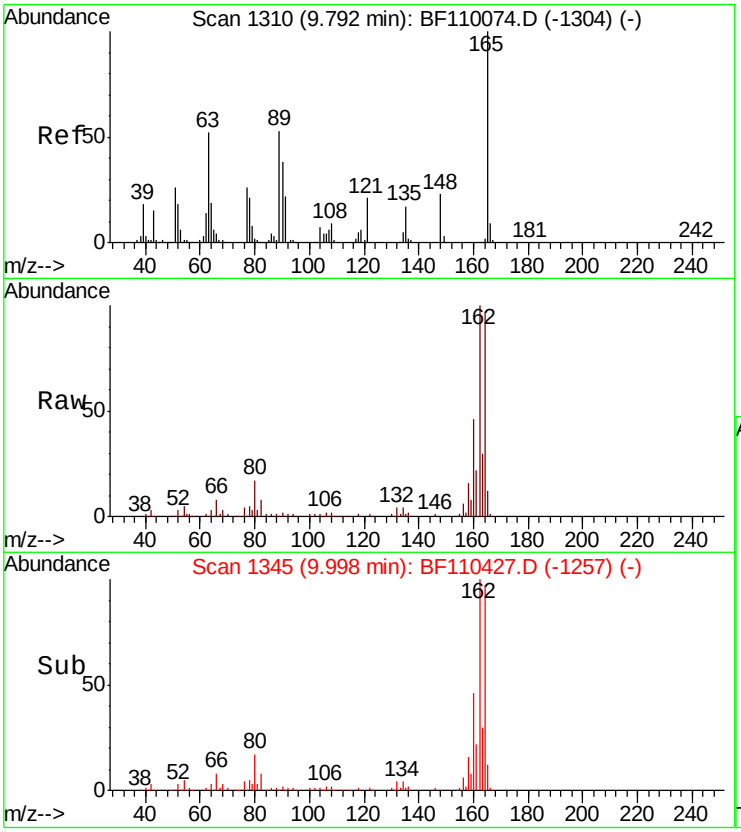


#45
2-Fluorobiphenyl
Concen: 29.533 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110427.D
Acq: 2 Nov 2018 22:19

Tgt Ion:172 Resp: 245302

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	22.7	19.7	29.5



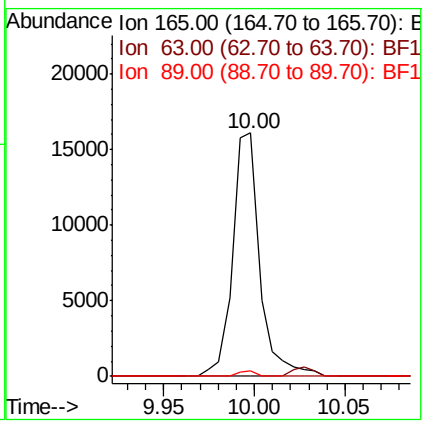


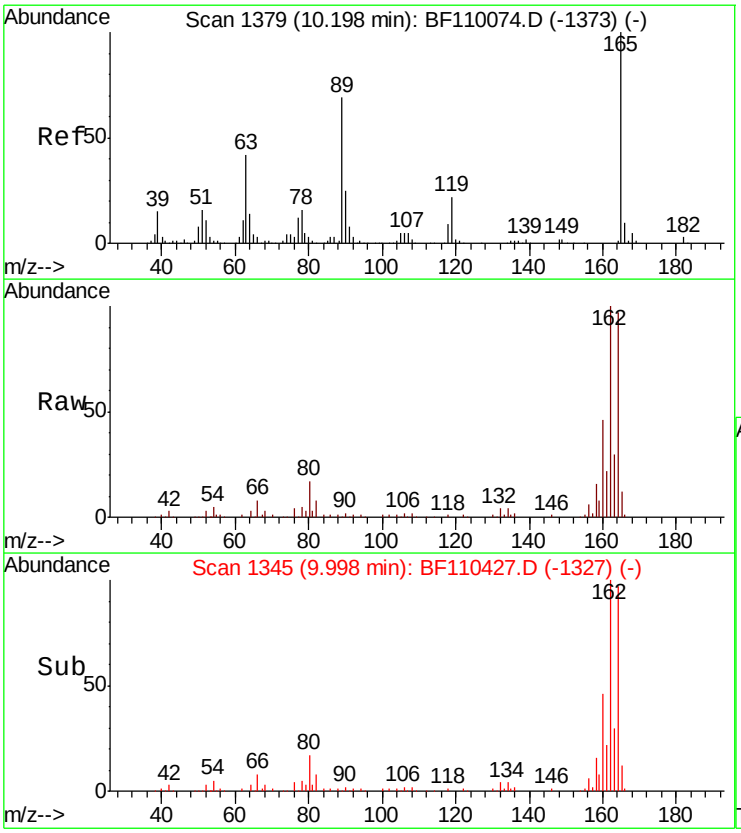
#51
2,6-Dinitrotoluene
Concen: 8.115 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.22 min
Lab File: BF110427.D
Acq: 2 Nov 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 16830

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	2.2	46.6	69.8#

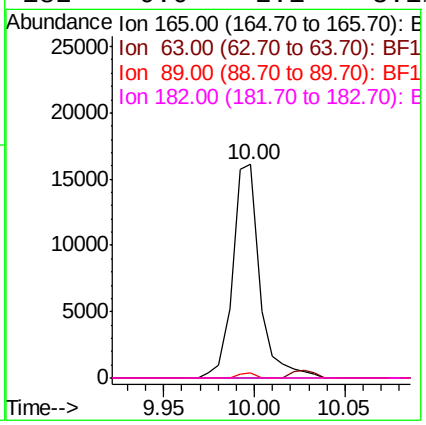


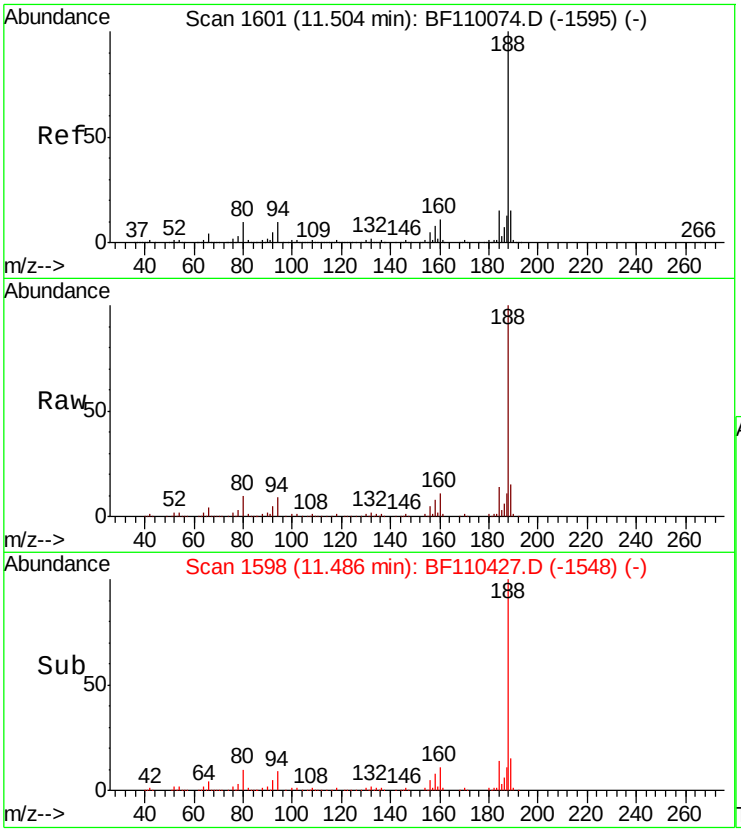


#57
2,4-Dinitrotoluene
Concen: 6.389 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.19 min
Lab File: BF110427.D
Acq: 2 Nov 2018 22:19

Tgt Ion:165 Resp: 16830

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	2.2	62.2	93.4#
182	0.0	2.1	3.1#



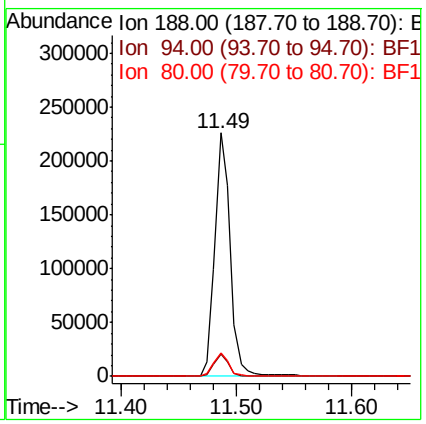


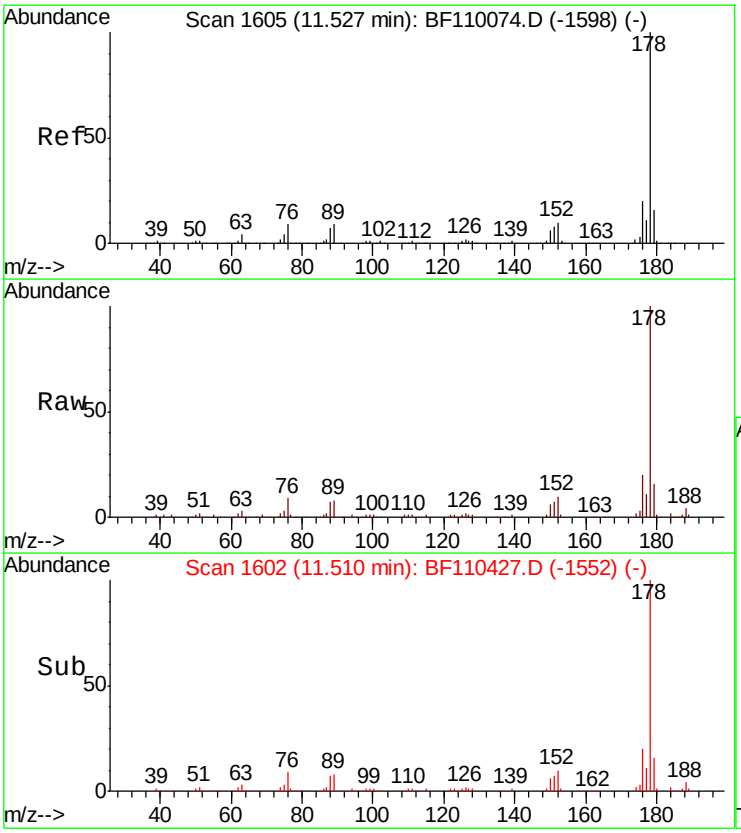
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110427.D
Acq: 2 Nov 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 209993

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	9.8	7.9	11.9

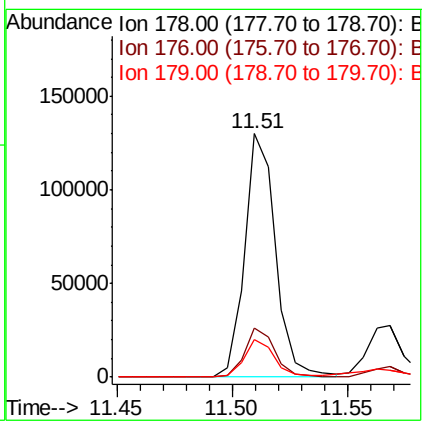


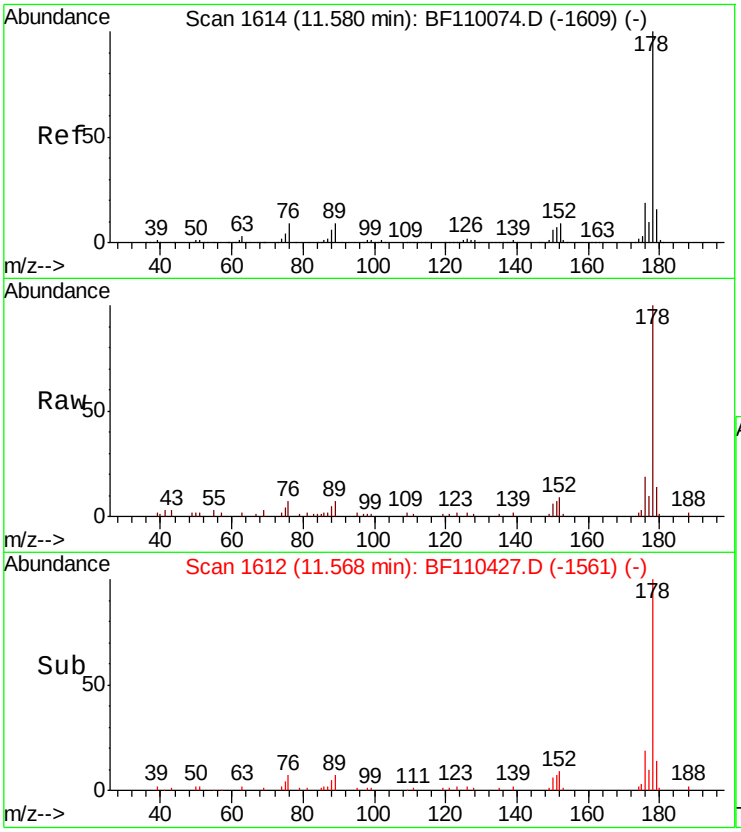


#71
Phenanthrene
Concen: 11.066 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF110427.D
Acq: 2 Nov 2018 22:19

Tgt Ion:178 Resp: 121592

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	15.6	12.5	18.7



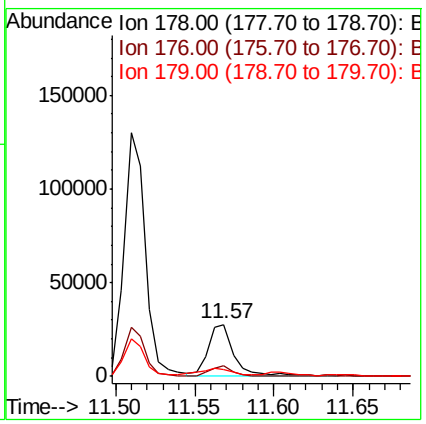


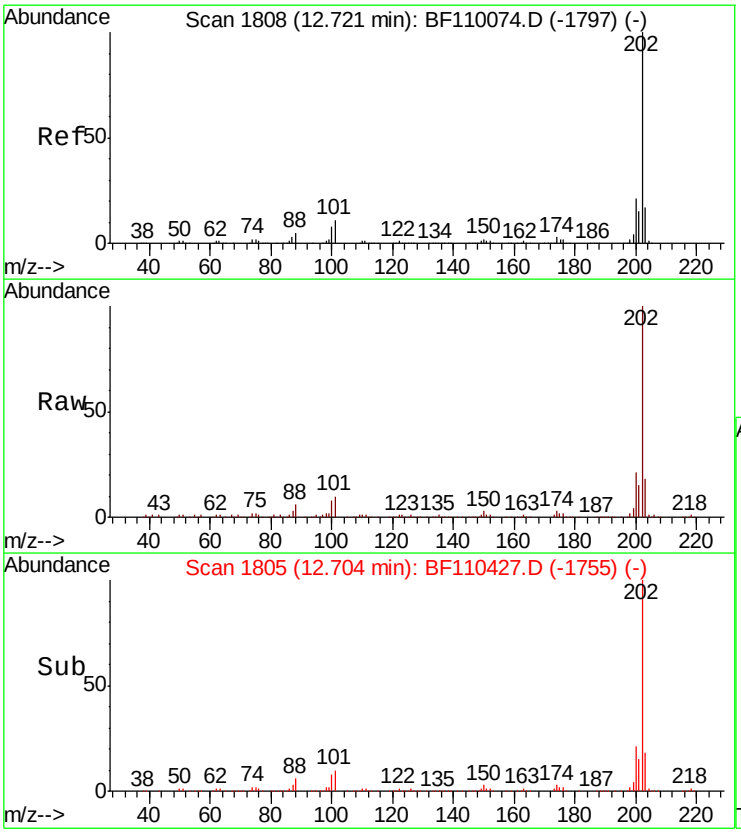
#72
Anthracene
Concen: 2.765 ng
RT: 11.57 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BF110427.D
Acq: 2 Nov 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 30450

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	13.7	12.6	18.8

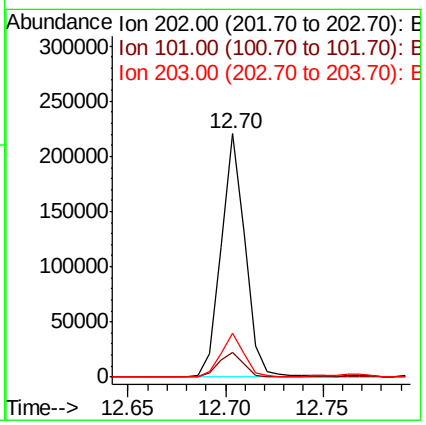


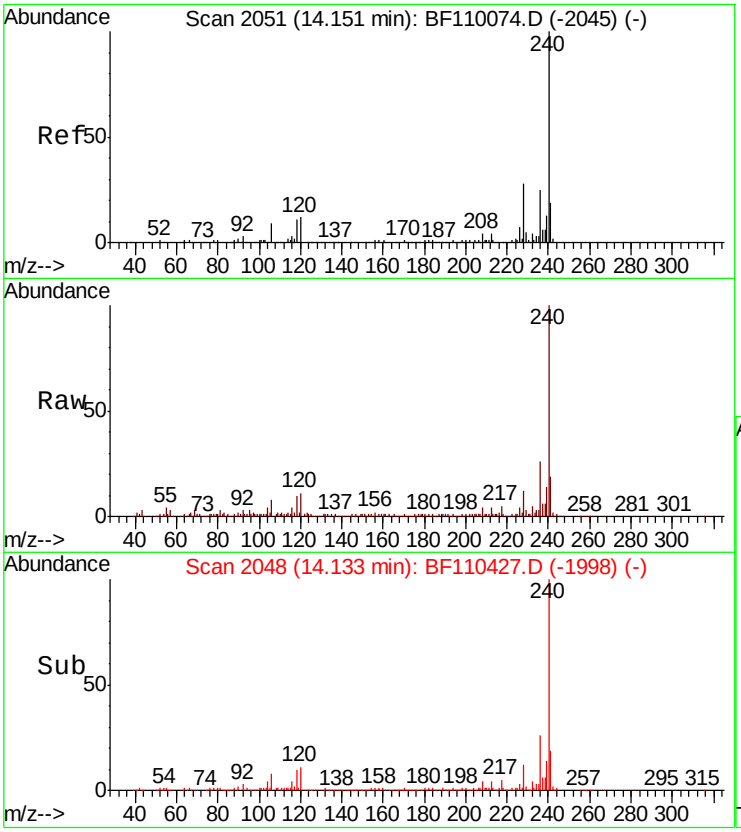


#75
Fluoranthene
Concen: 16.956 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF110427.D
Acq: 2 Nov 2018 22:19

Tgt Ion:202 Resp: 189081

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.4
203	18.0	0.0	37.7



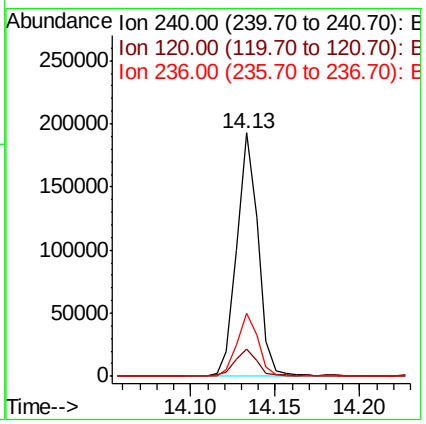


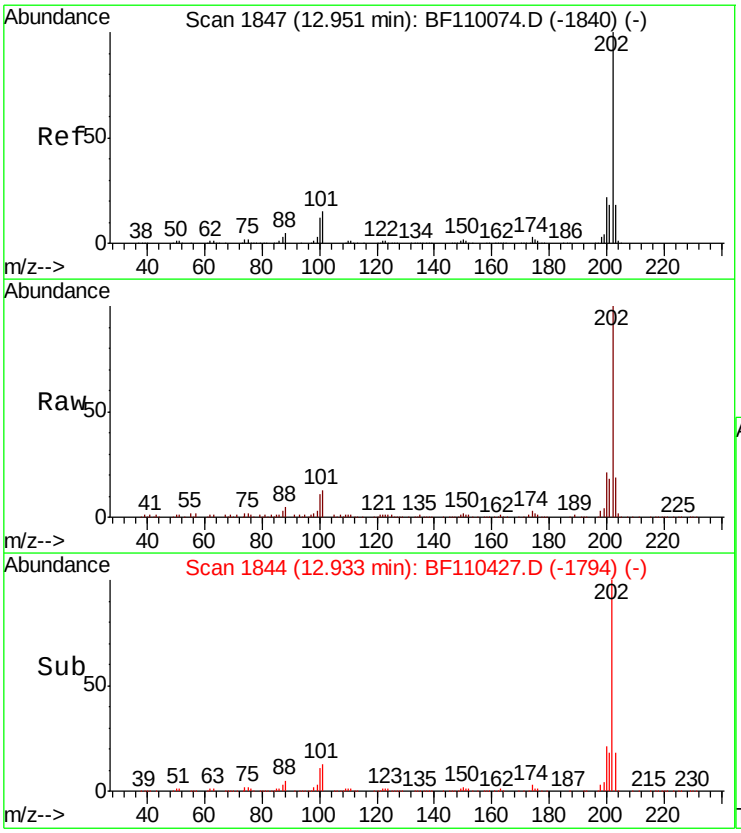
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110427.D
Acq: 2 Nov 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 168955

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.3	12.5
236	25.8	21.2	31.8

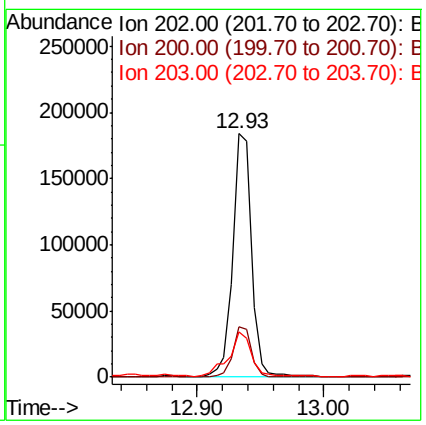


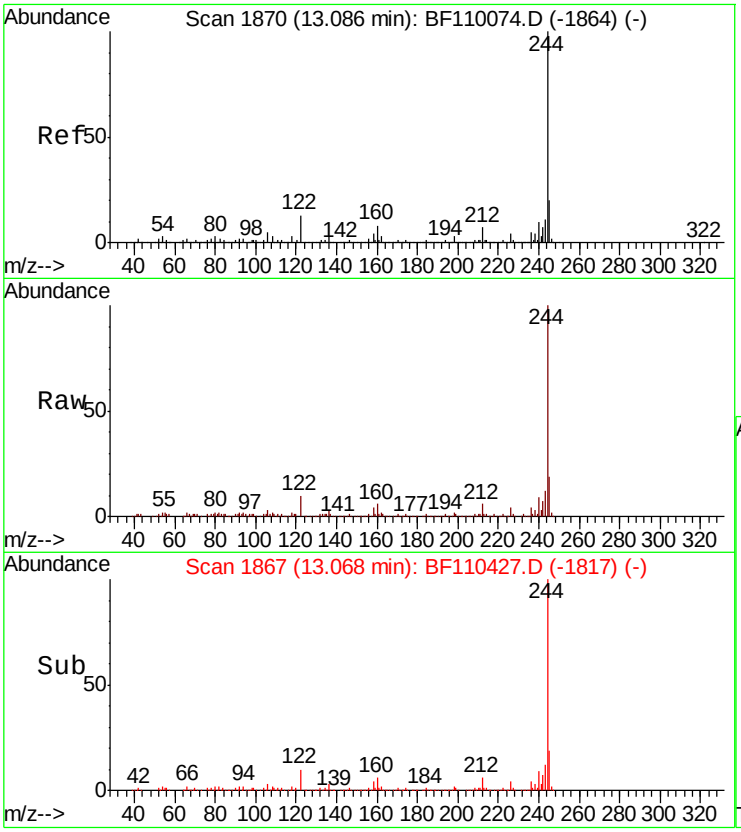


#78
Pyrene
Concen: 15.251 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF110427.D
Acq: 2 Nov 2018 22:19

Tgt Ion:202 Resp: 184725

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.8	26.6
203	18.8	14.2	21.4



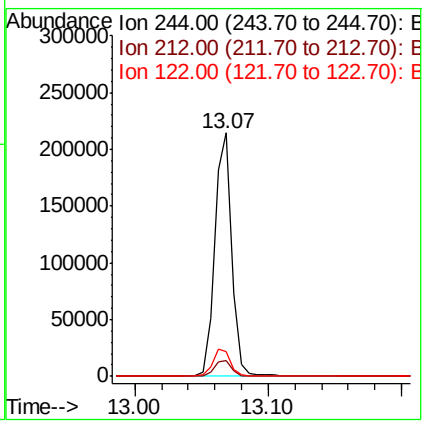


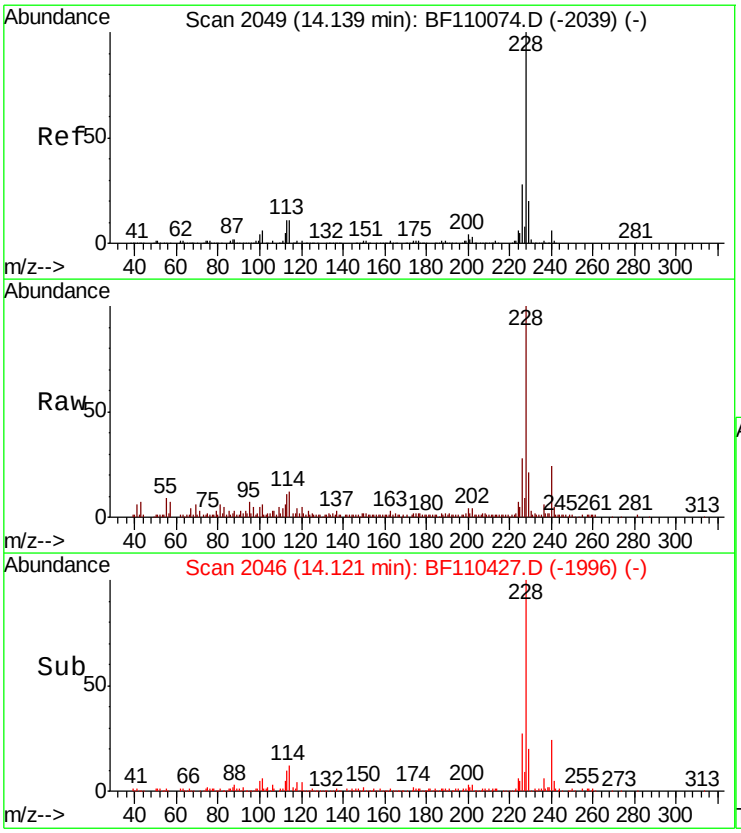
#79
Terphenyl-d14
Concen: 23.650 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110427.D
Acq: 2 Nov 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 192134

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.8
122	10.0	8.7	13.1

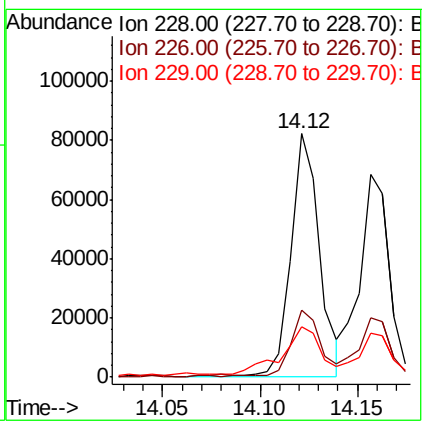


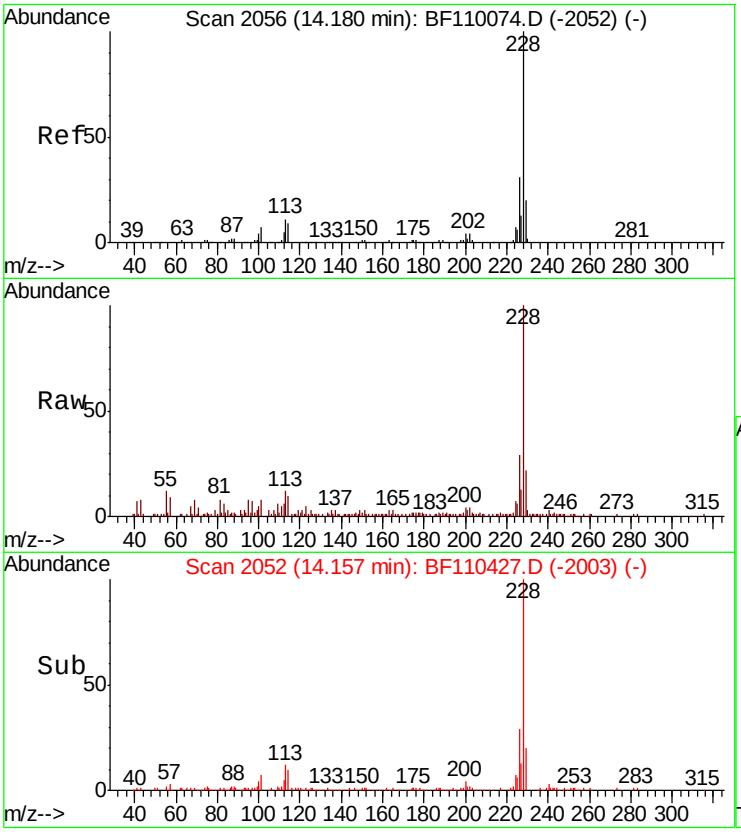


#81
Benzo(a)anthracene
Concen: 8.224 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110427.D
Acq: 2 Nov 2018 22:19

Tgt Ion:228 Resp: 82396

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.1	33.1
229	20.9	15.6	23.4



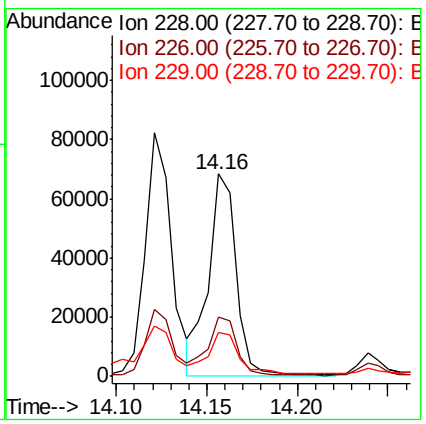


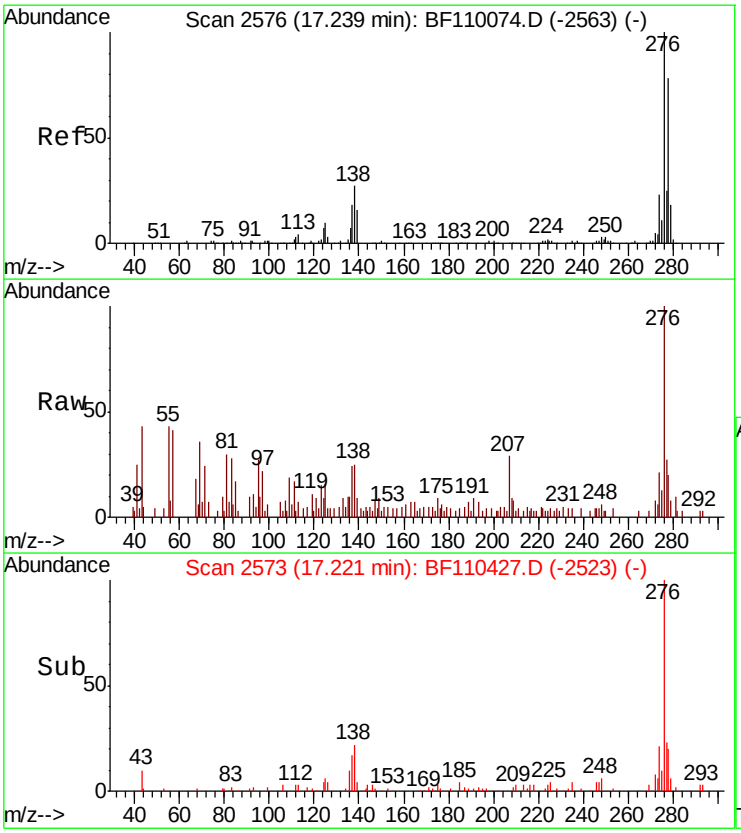
#83
Chrysene
Concen: 7.598 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110427.D
Acq: 2 Nov 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 72309

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.7	37.1
229	21.8	15.9	23.9

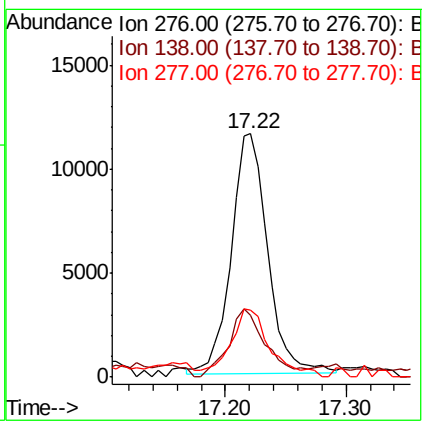


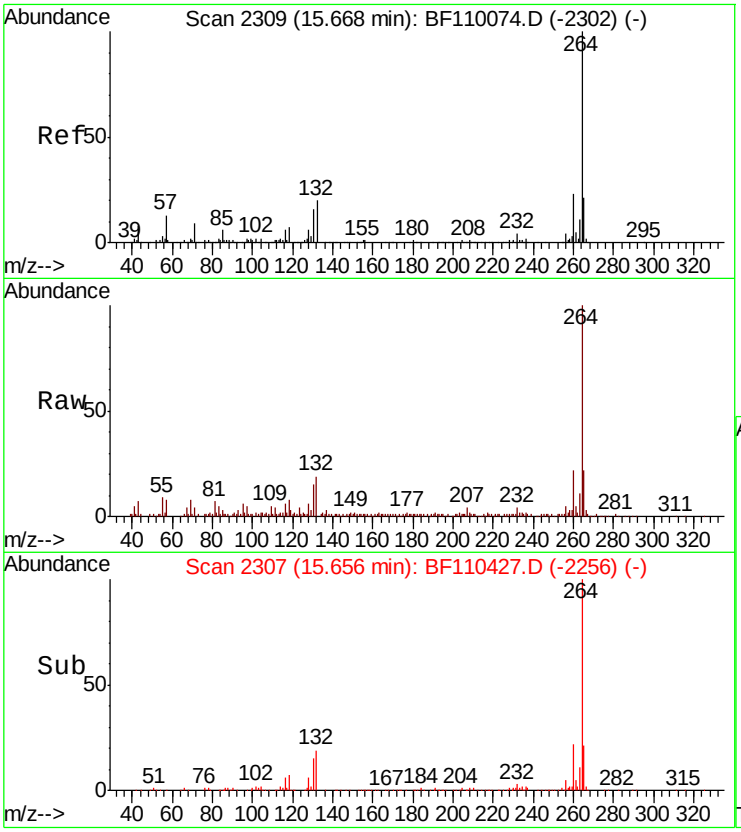


#86
Indeno(1,2,3-cd)pyrene
Concen: 3.086 ng
RT: 17.22 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BF110427.D
Acq: 2 Nov 2018 22:19

Tgt Ion:276 Resp: 24362

Ion	Ratio	Lower	Upper
276	100		
138	29.5	18.5	27.7#
277	30.7	20.0	30.0#



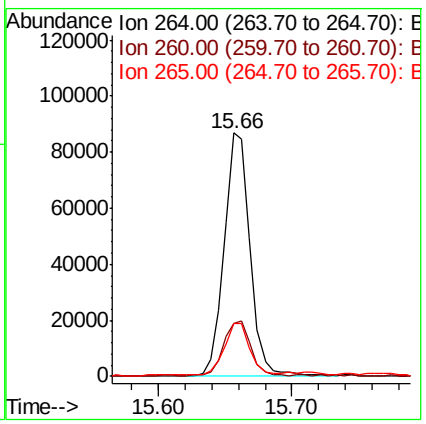


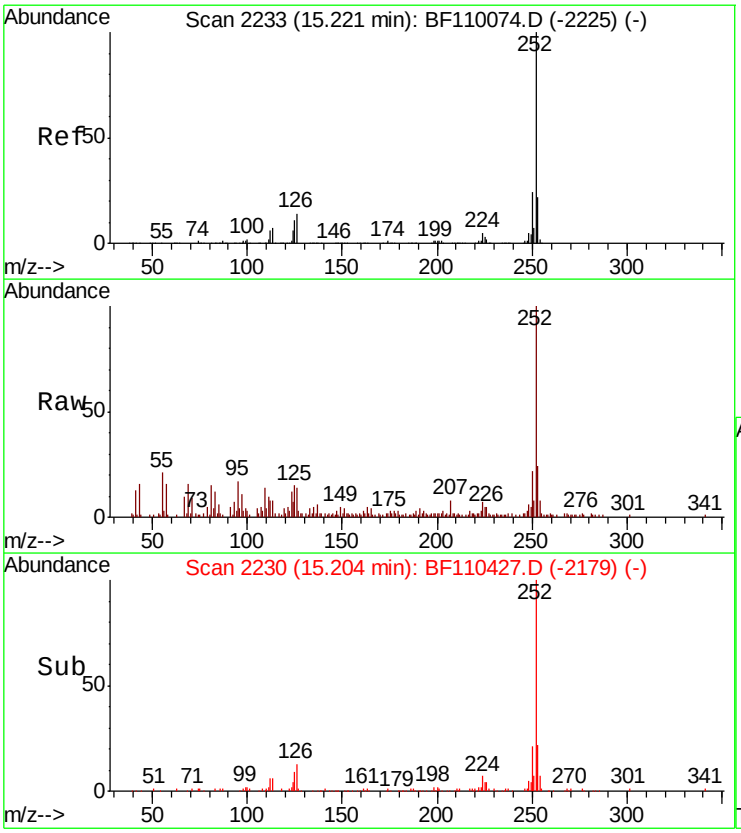
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BF110427.D
Acq: 2 Nov 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 118869

Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.7	28.1
265	21.7	16.7	25.1

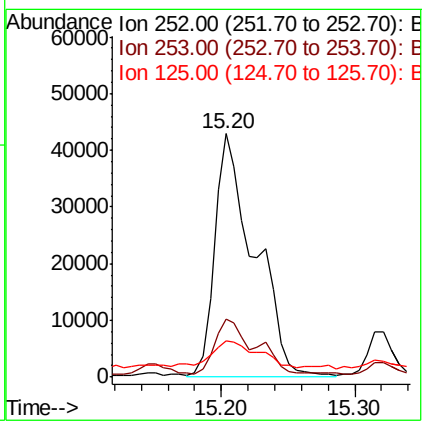


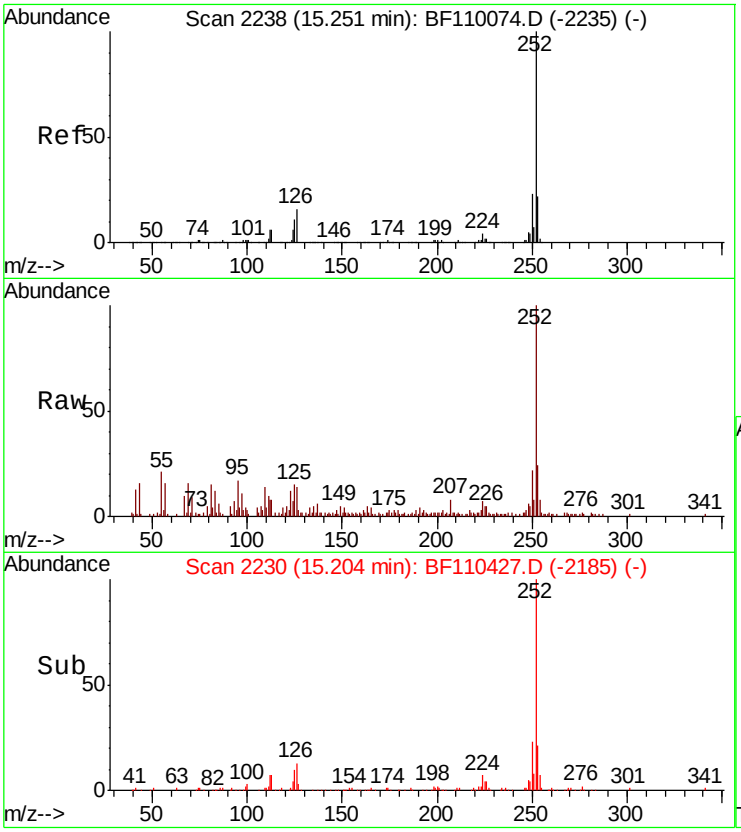


#88
Benzo(b)fluoranthene
Concen: 12.968 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BF110427.D
Acq: 2 Nov 2018 22:19

Tgt Ion:252 Resp: 89015

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.2	25.8
125	15.0	8.2	12.4#



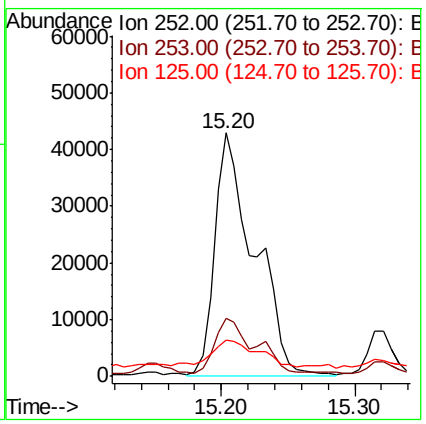


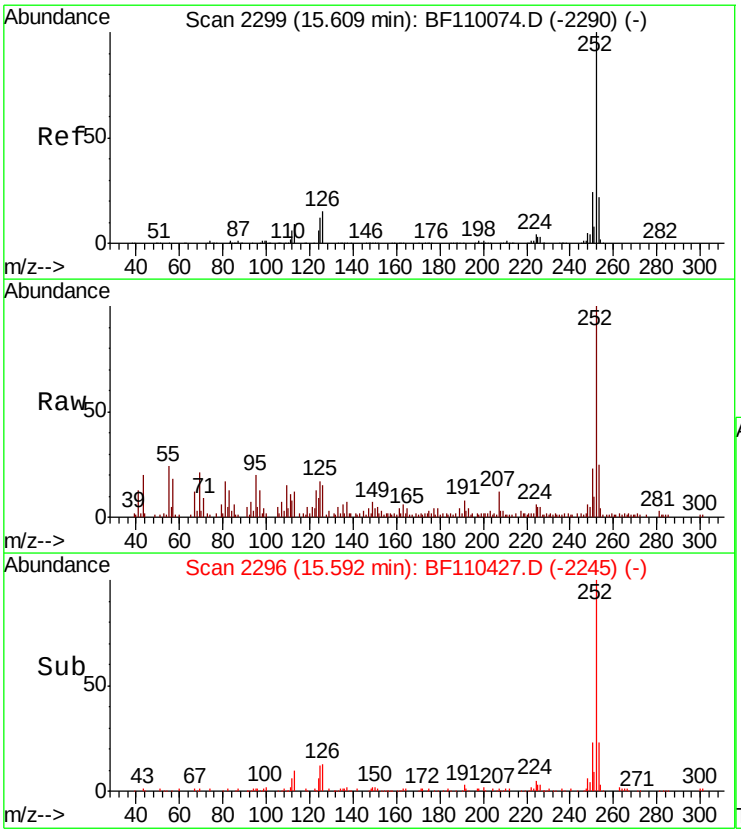
#89
Benzo(k)fluoranthene
Concen: 13.191 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110427.D
Acq: 2 Nov 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 89015

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.2	25.8
125	15.0	7.4	11.0#

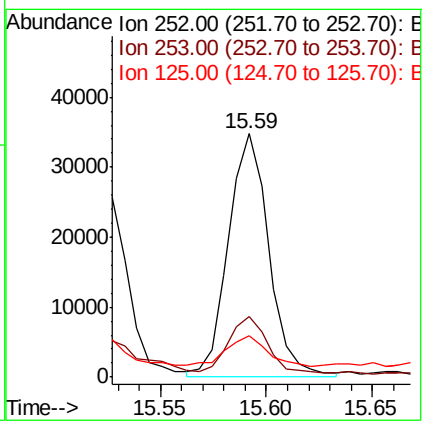


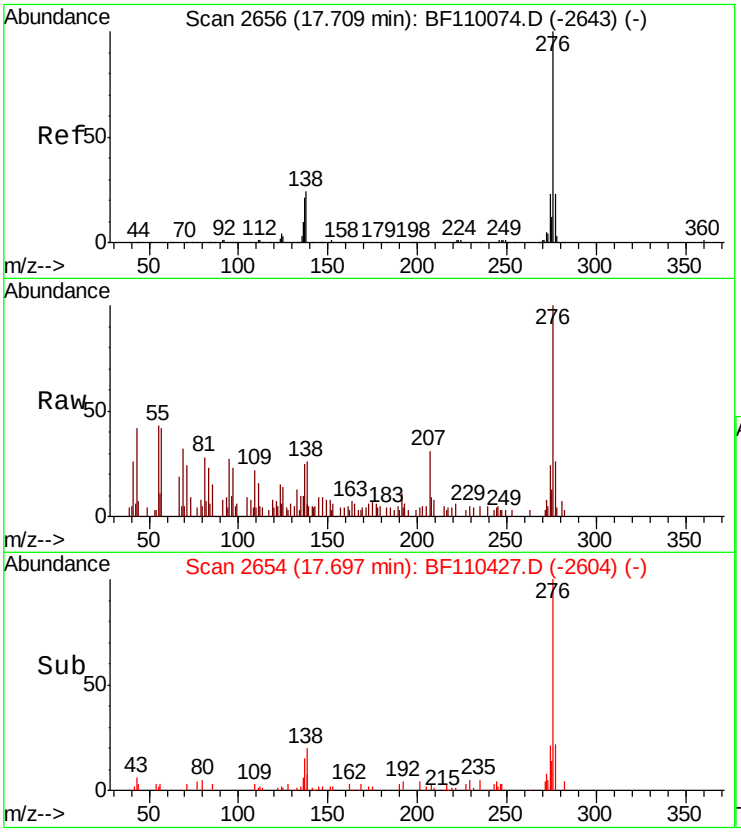


#90
Benzo(a)pyrene
Concen: 7.321 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BF110427.D
Acq: 2 Nov 2018 22:19

Tgt Ion:252 Resp: 46240

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.2	27.4
125	17.2	9.0	13.6#





#92
Benzo(g,h,i)perylene
Concen: 4.382 ng
RT: 17.70 min Scan# 2654
Delta R.T. -0.01 min
Lab File: BF110427.D
Acq: 2 Nov 2018 22:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 23536

Ion	Ratio	Lower	Upper
276	100		
277	25.9	18.8	28.2
138	32.0	16.0	24.0#