Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
Data File : BF113088.D
Acq On : 18 Mar 2019 14:15
Operator : JU/SJ
Sample : K1901-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3(7-8)

Quant Time: Mar 19 04:49:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	174583	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	626315	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	267705	20.00	ng		-0.01
64) Phenanthrene-d10	11.24	188	462200	20.00	ng		0.00
76) Chrysene-d12	13.87	240	451785	20.00	ng		0.00
87) Perylene-d12	15.28	264	436122	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	795532	70.88	ng		0.00
7) Phenol-d6	6.37	99	1004936	71.28	ng		0.00
23) Nitrobenzene-d5	7.29	82	619091	59.15	ng		-0.01
42) 2,4,6-Tribromophenol	10.54	330	234519	82.52	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	910343	50.60	ng		-0.01
79) Terphenyl-d14	12.82	244	635656	27.27	ng		0.00
Target Compounds							Qvalue
18) Hexachloroethane	7.26	117	18357	3.703	ng	#	41
19) n-Nitroso-di-n-propylamine	7.29	70	82204	9.206	ng	#	77
25) Isophorone	7.29	82	606097	26.879	ng	#	66
50) Dimethylphthalate	9.47	163	89123	4.515	ng	#	97
57) 2,4-Dinitrotoluene	9.76	165	34697	6.791	ng	#	18
65) 4,6-Dinitro-2-methylphenol	10.54	198	368	4.788	ng	#	1
67) 4-Bromophenyl-phenylether	10.54	248	13088	2.688	ng	#	1
75) Fluoranthene	12.44	202	92091	3.738	ng		95
78) Pyrene	12.67	202	92022	2.416	ng		96
81) Benzo(a)anthracene	13.86	228	80824	2.581	ng	#	95
83) Chrysene	13.86	228	80824	2.635	ng		94
88) Benzo(b)fluoranthene	14.88	252	163768	5.805	ng	#	90
89) Benzo(k)fluoranthene	14.88	252	163768	6.409	ng	#	90
90) Benzo(a)pyrene	15.22	252	82903	3.323	ng	#	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
Data File : BF113088.D
Acq On : 18 Mar 2019 14:15
Operator : JU/SJ
Sample : K1901-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
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SB-3(7-8)

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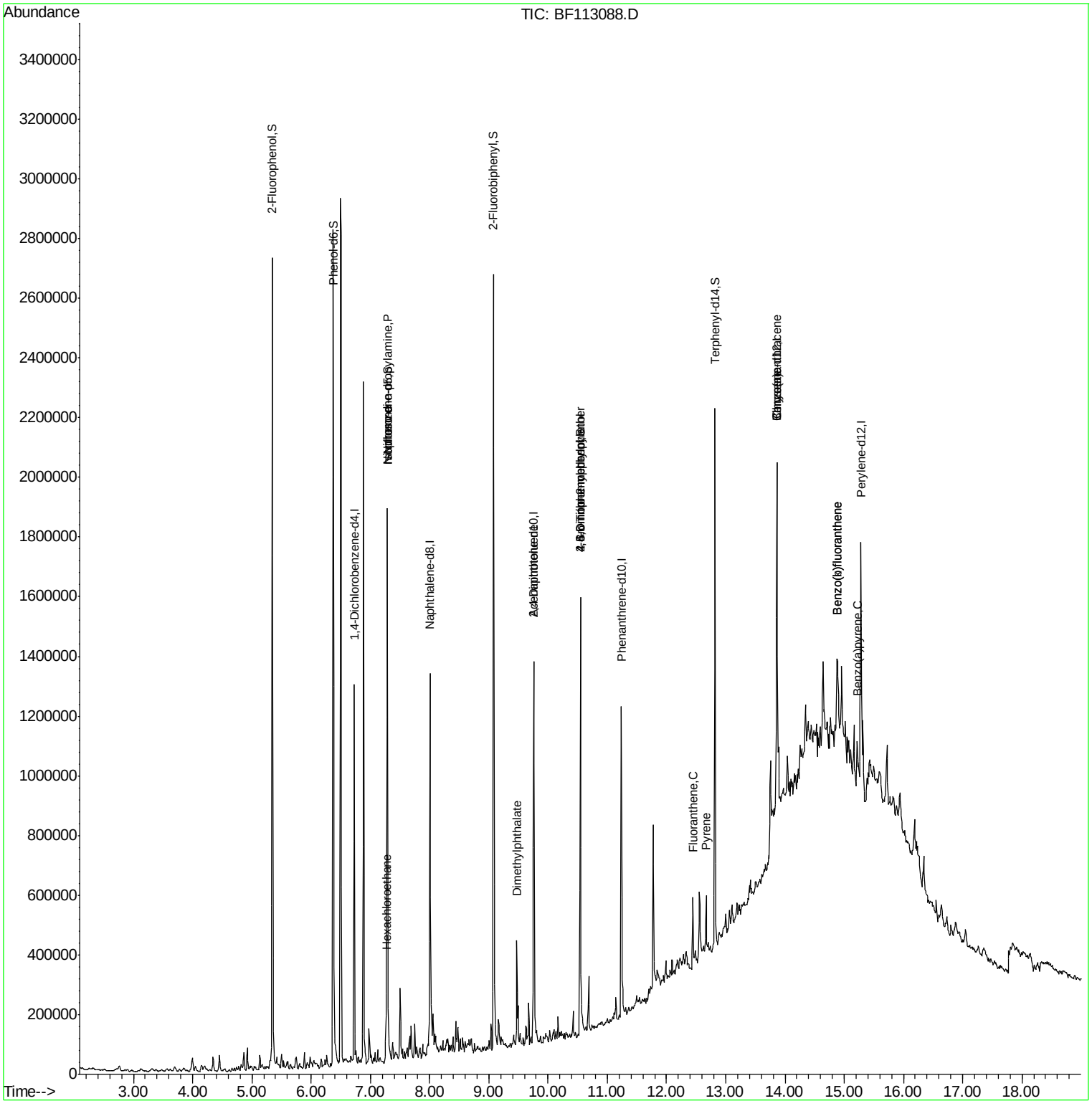
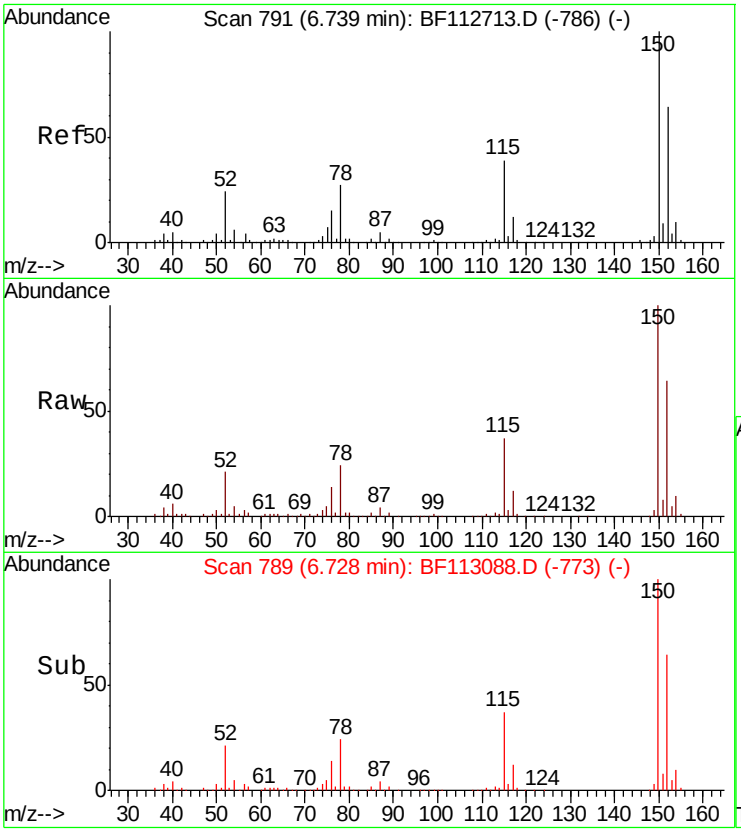


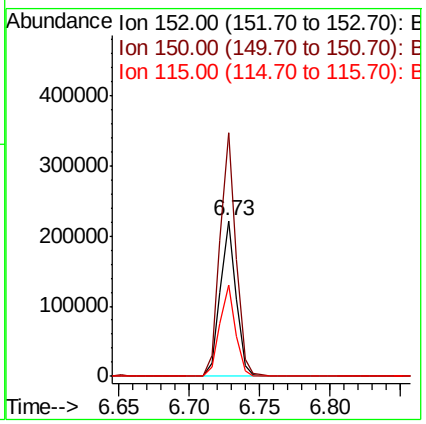


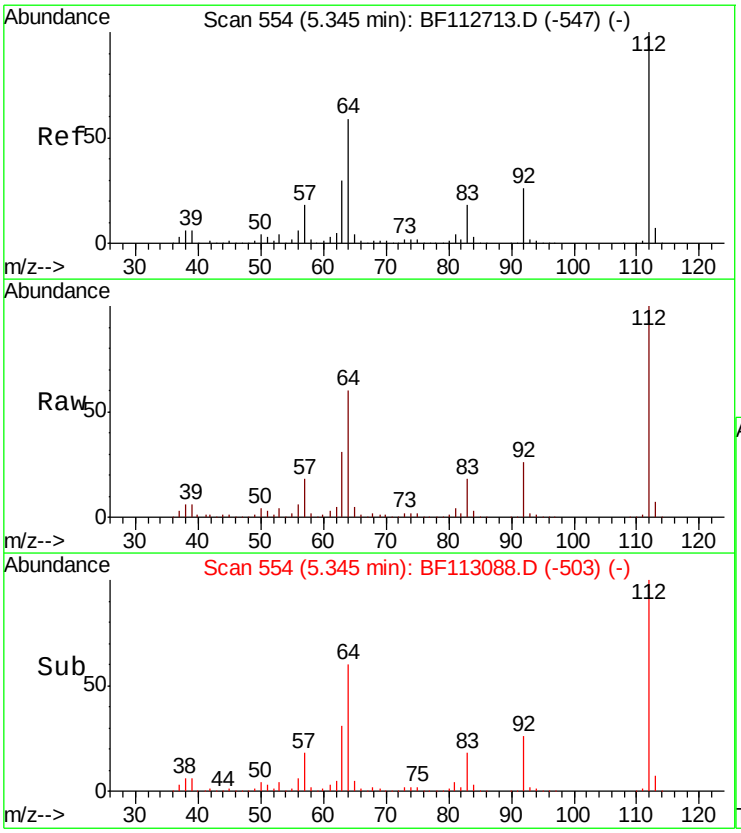
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SB-3(7-8)

Tgt Ion:152 Resp: 174583

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.2	186.2
115	58.7	48.2	72.4

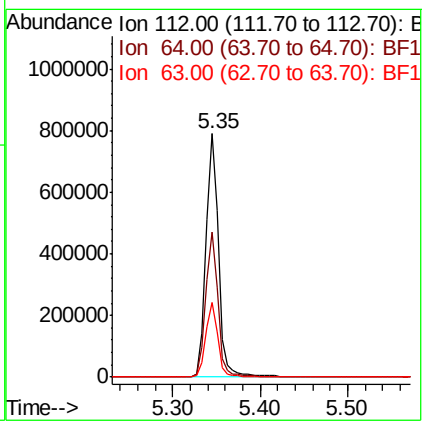


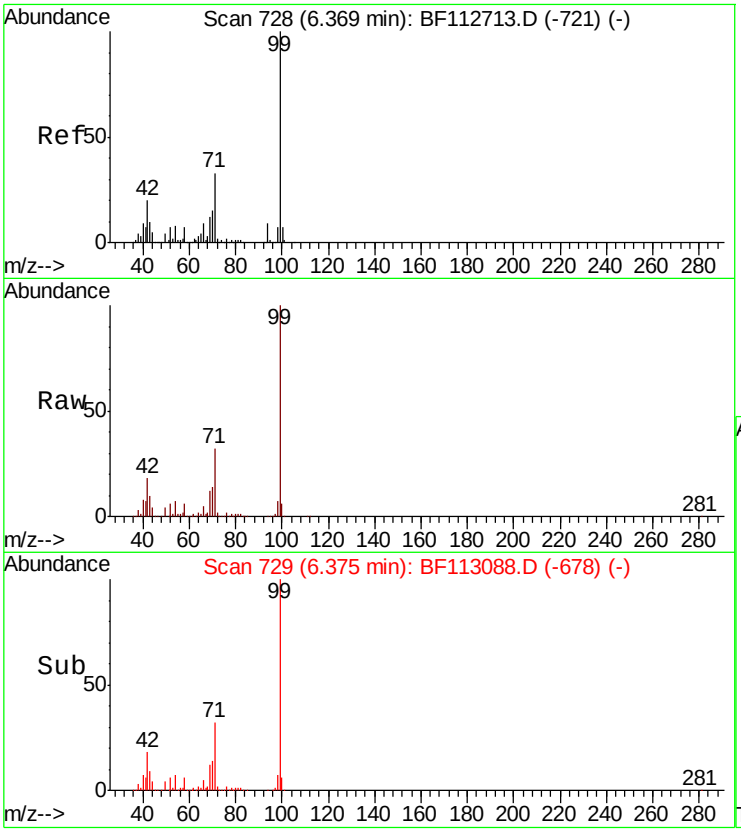


#5
2-Fluorophenol
Concen: 70.882 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Tgt Ion:112 Resp: 795532

Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.6	71.4
63	30.9	24.4	36.6



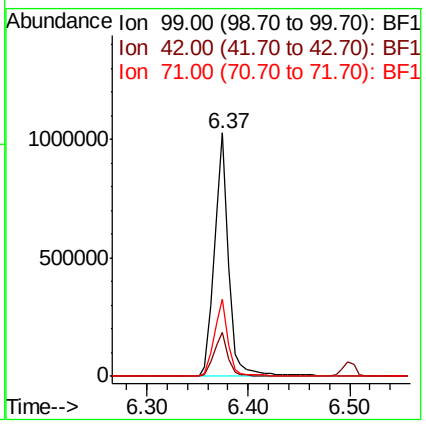


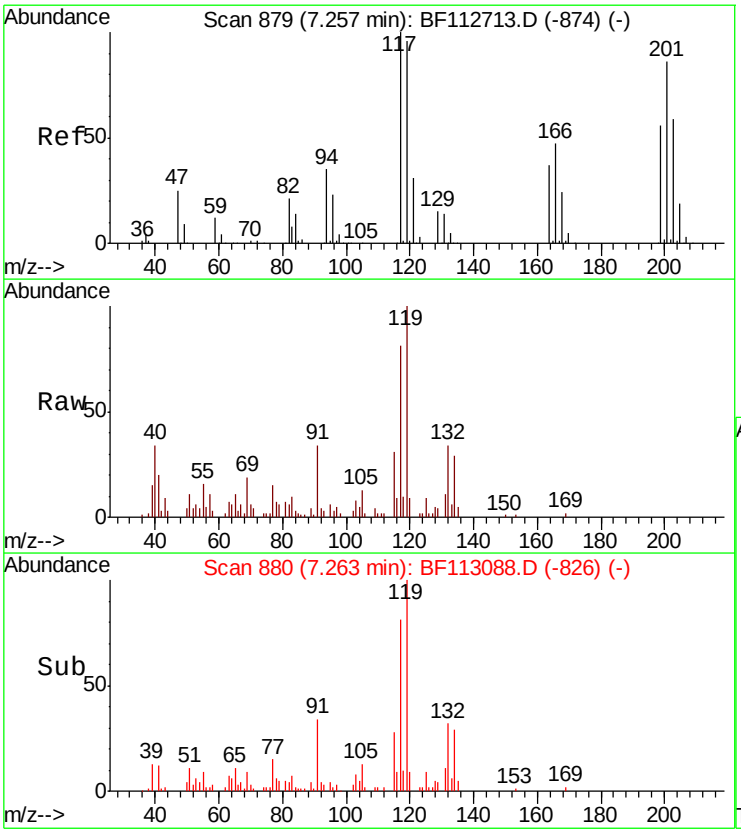
#7
Phenol-d6
Concen: 71.281 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SB-3(7-8)

Tgt Ion: 99 Resp: 1004936

Ion	Ratio	Lower	Upper
99	100		
42	18.0	16.3	24.5
71	31.8	26.2	39.4

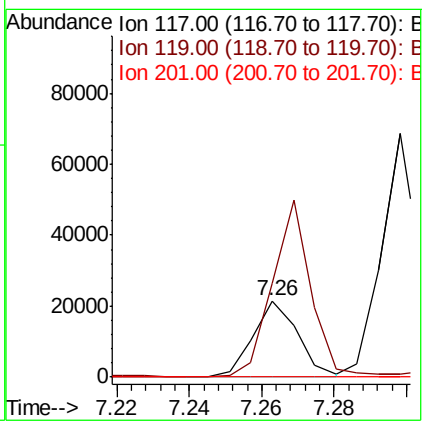


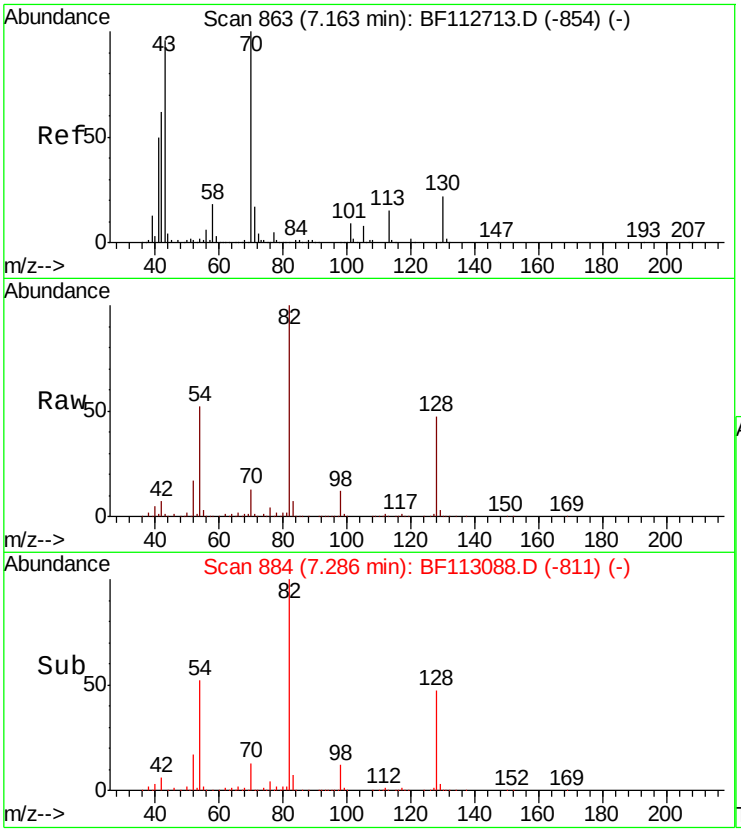


#18
Hexachloroethane
Concen: 3.703 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.02 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Tgt Ion:117 Resp: 18357

Ion	Ratio	Lower	Upper
117	100		
119	123.7	76.6	115.0#
201	0.0	68.9	103.3#



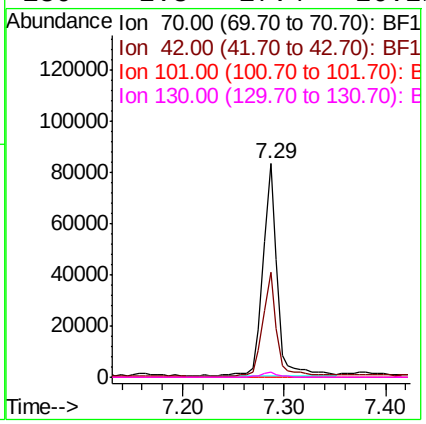


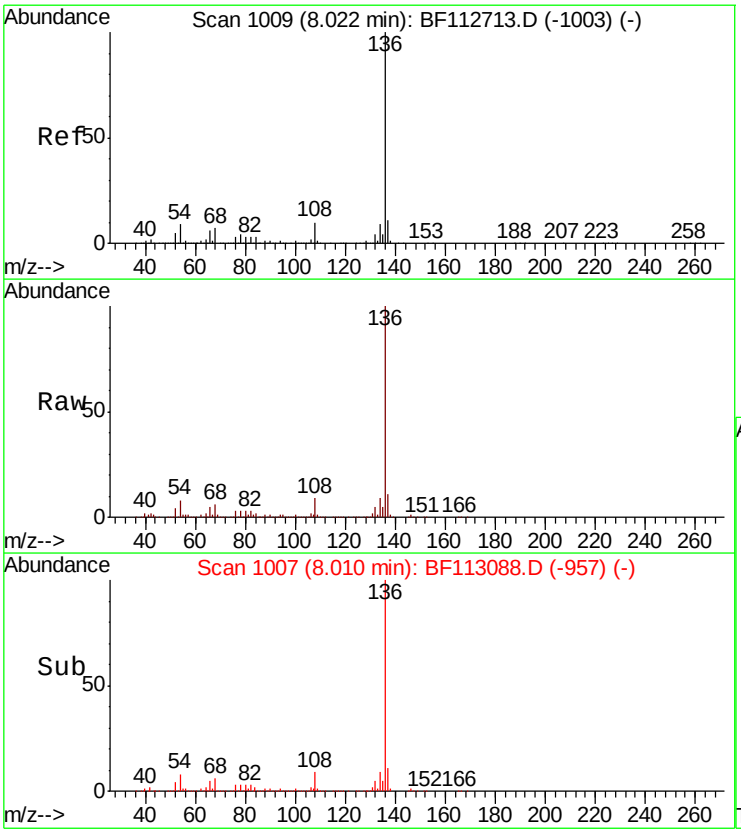
#19
n-Nitroso-di-n-propylamine
Concen: 9.206 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.13 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SB-3(7-8)

Tgt Ion: 70 Resp: 82204

Ion	Ratio	Lower	Upper
70	100		
42	49.4	49.9	74.9#
101	0.0	7.4	11.2#
130	2.3	17.4	26.2#

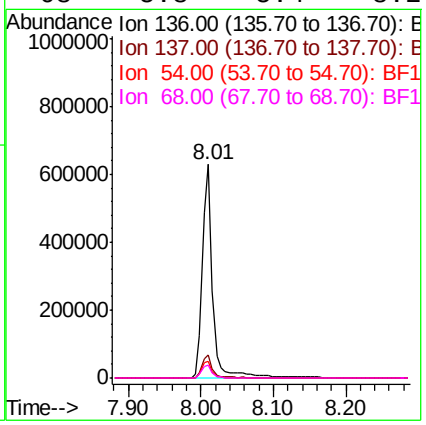


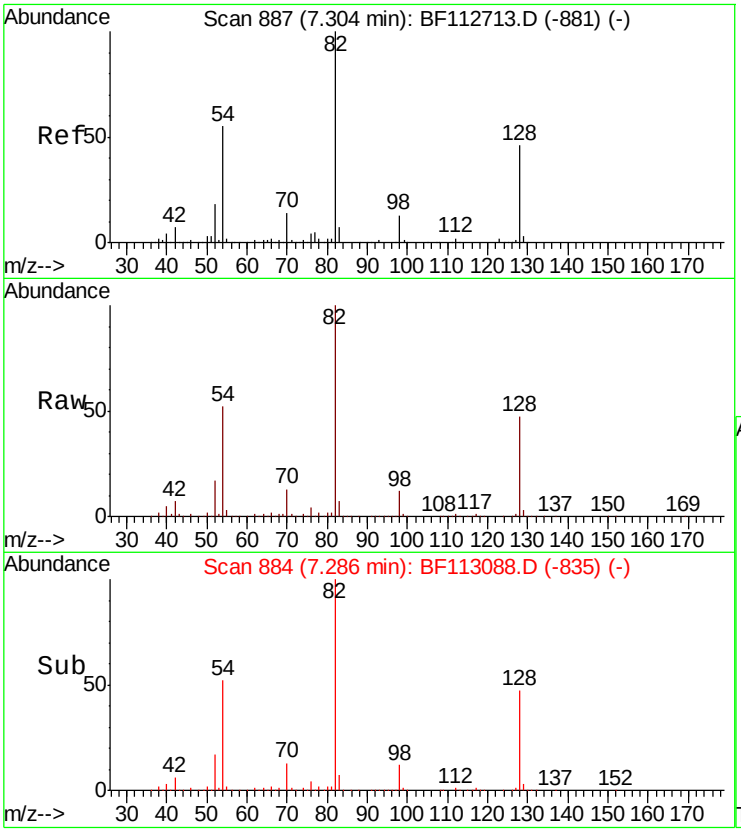


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Tgt Ion:136 Resp: 626315

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.8	7.3	10.9
68	5.8	5.4	8.2



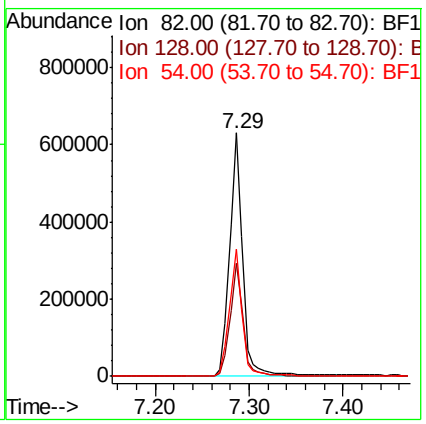


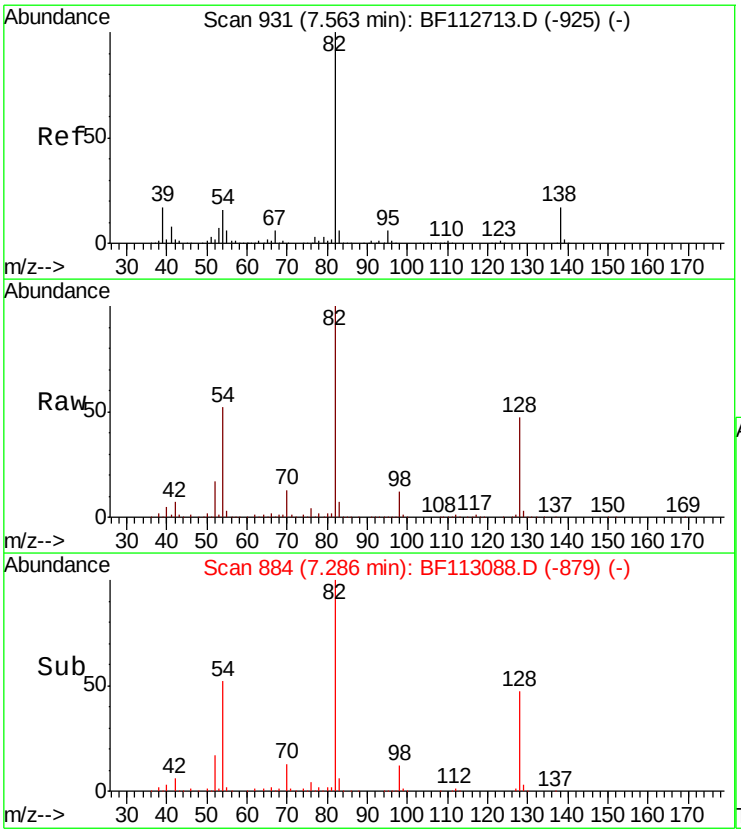
#23
Nitrobenzene-d5
Concen: 59.148 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SB-3(7-8)

Tgt Ion: 82 Resp: 619091

Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.3	54.5
54	52.3	43.7	65.5

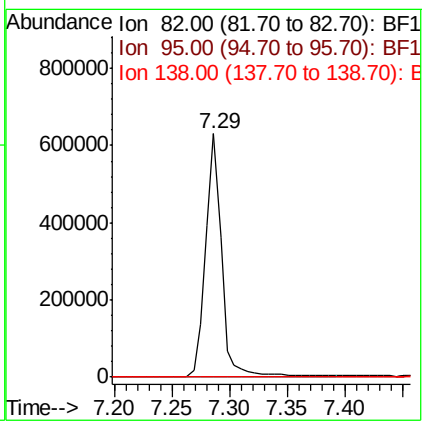


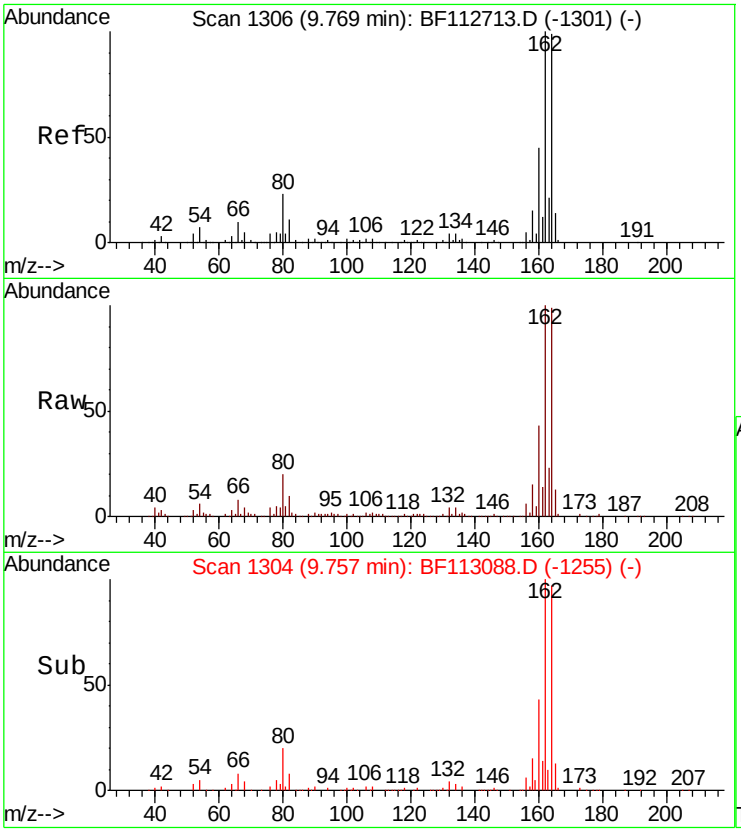


#25
Isophorone
Concen: 26.879 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.27 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Tgt Ion: 82 Resp: 606097

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.2	7.8#
138	0.0	13.8	20.8#



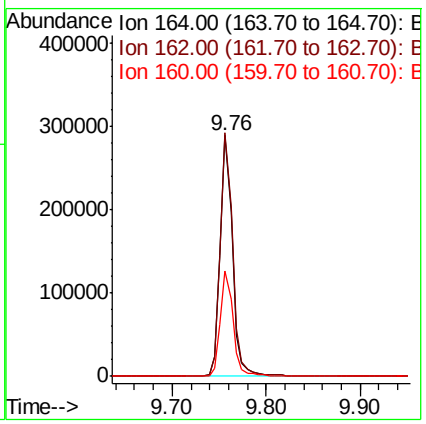


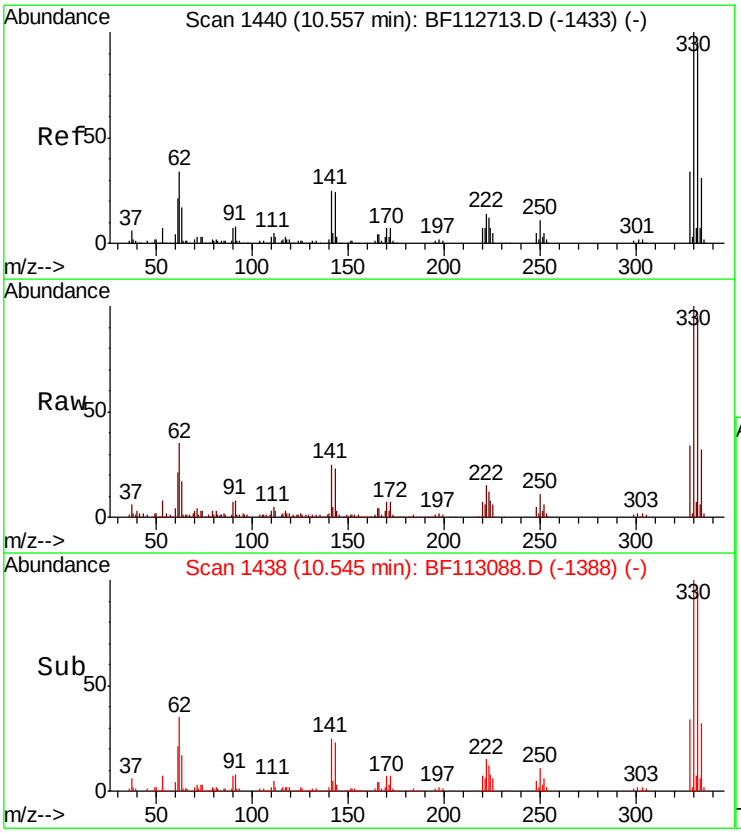
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SB-3(7-8)

Tgt Ion:164 Resp: 267705

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.6	120.8
160	43.9	36.0	54.0

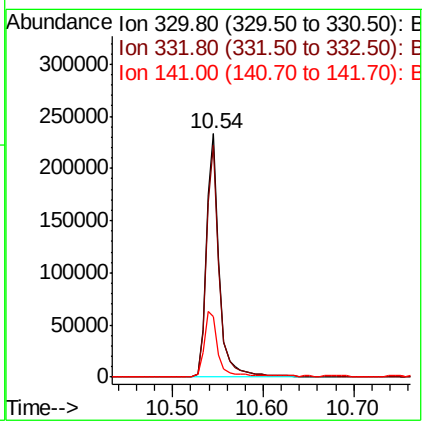


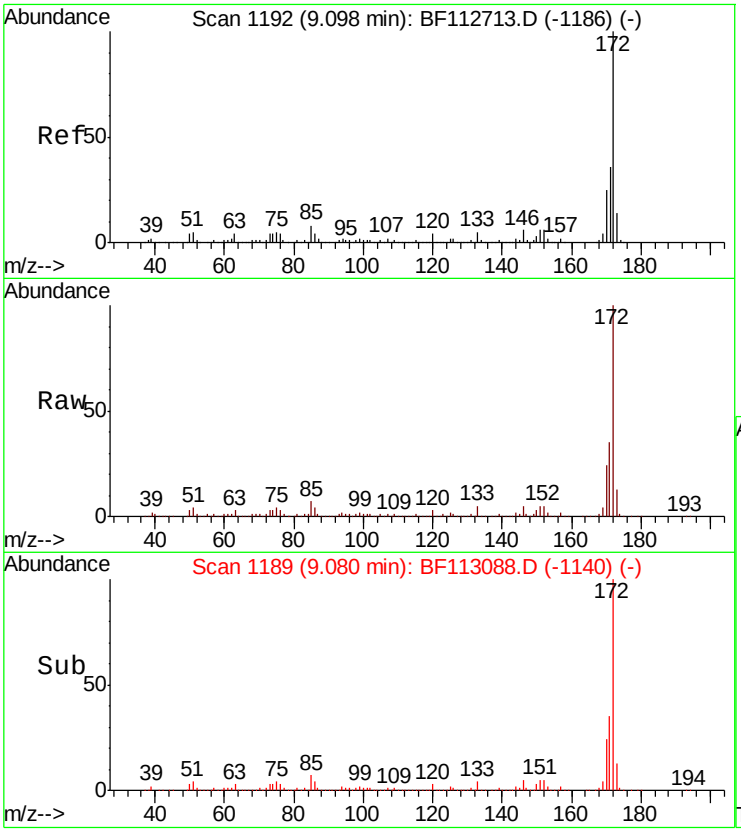


#42
2,4,6-Tribromophenol
Concen: 82.518 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Tgt Ion:330 Resp: 234519

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.2	114.4
141	27.9	27.0	40.6



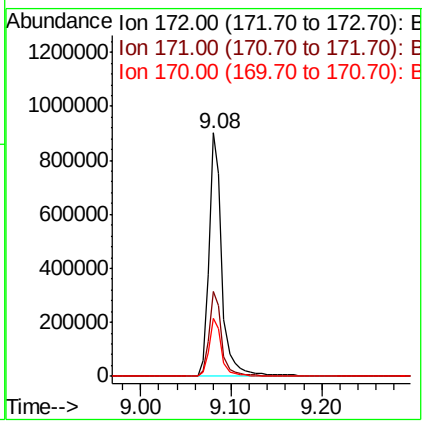


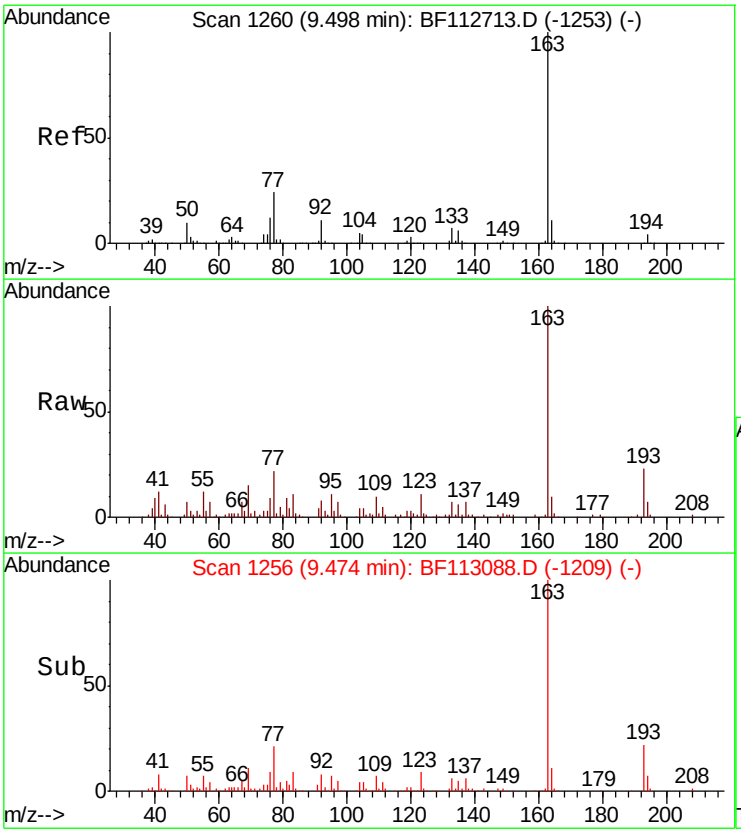
#45
2-Fluorobiphenyl
Concen: 50.604 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SB-3(7-8)

Tgt Ion:172 Resp: 910343

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.0	43.4
170	23.7	20.0	30.0

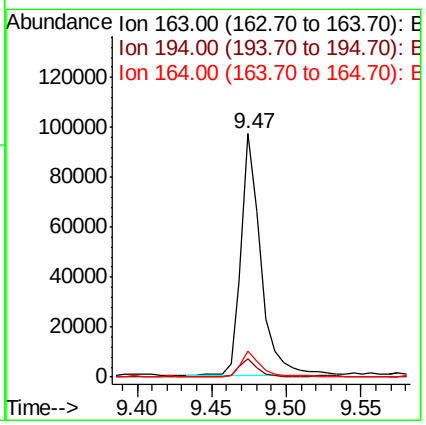


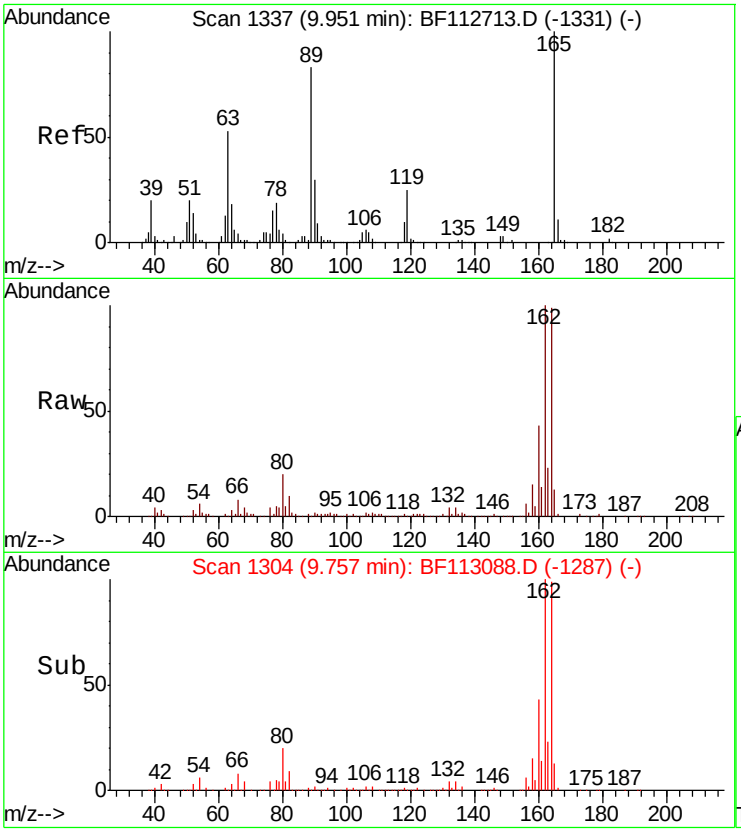


#50
Dimethylphthalate
Concen: 4.515 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Tgt Ion:163 Resp: 89123

Ion	Ratio	Lower	Upper
163	100		
194	7.4	3.0	4.4#
164	10.4	8.4	12.6



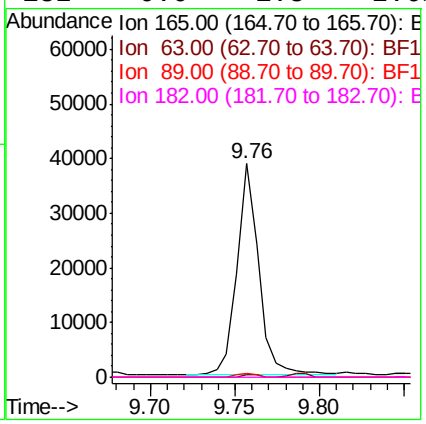


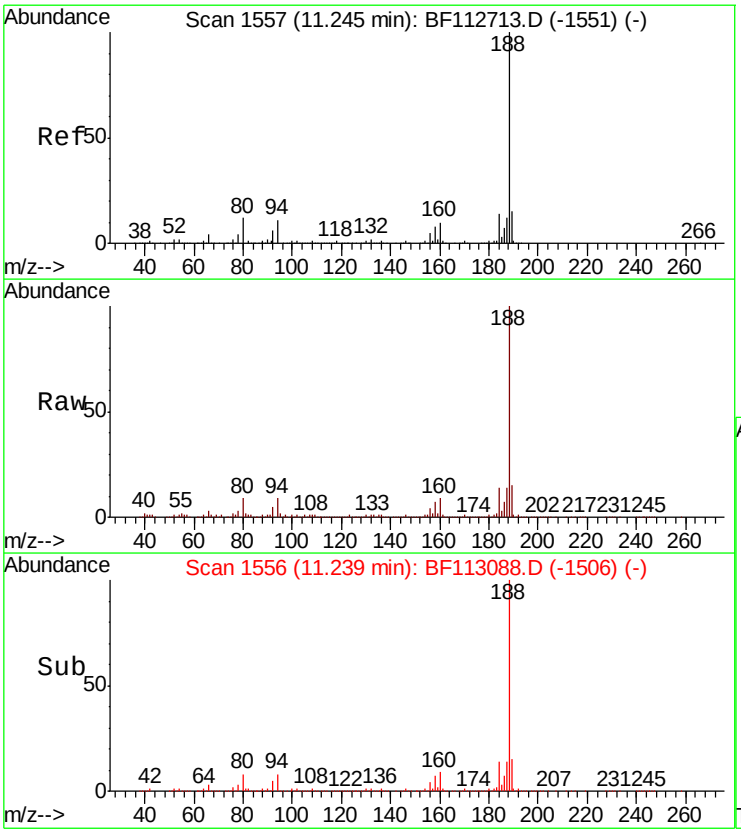
#57
2,4-Dinitrotoluene
Concen: 6.791 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.20 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SB-3(7-8)

Tgt Ion:165 Resp: 34697

Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.2	63.2#
89	1.7	66.2	99.4#
182	0.0	1.8	2.6#

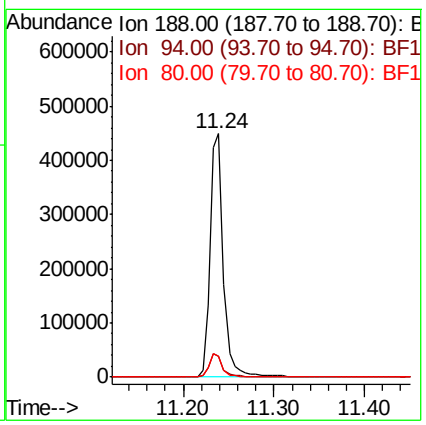


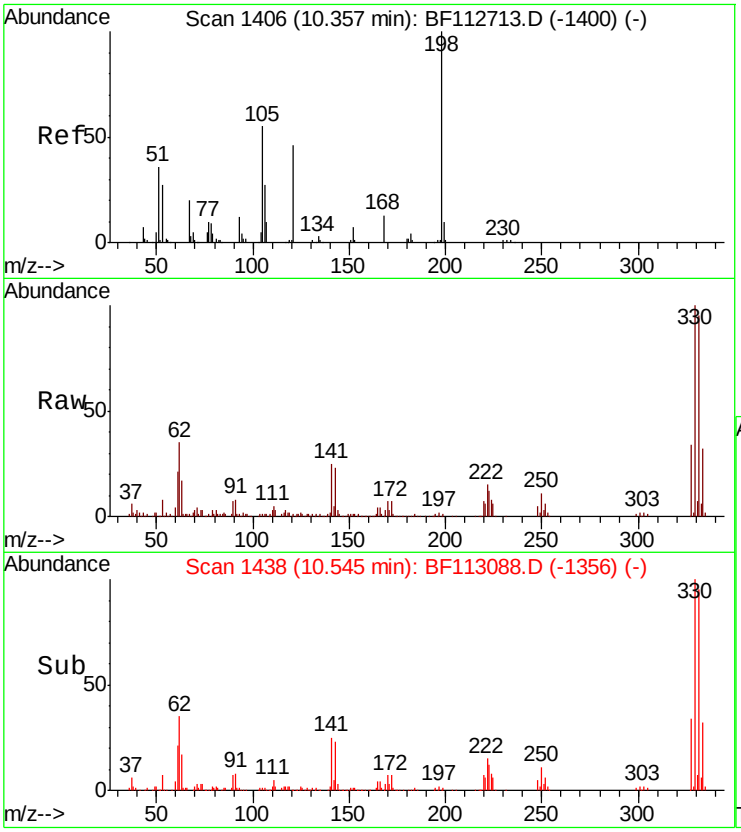


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Tgt Ion:188 Resp: 462200

Ion	Ratio	Lower	Upper
188	100		
94	8.5	9.0	13.4#
80	8.6	9.2	13.8#



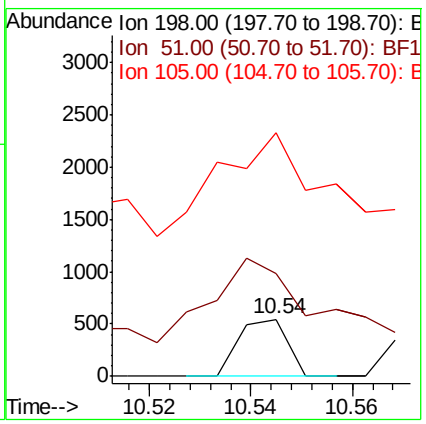


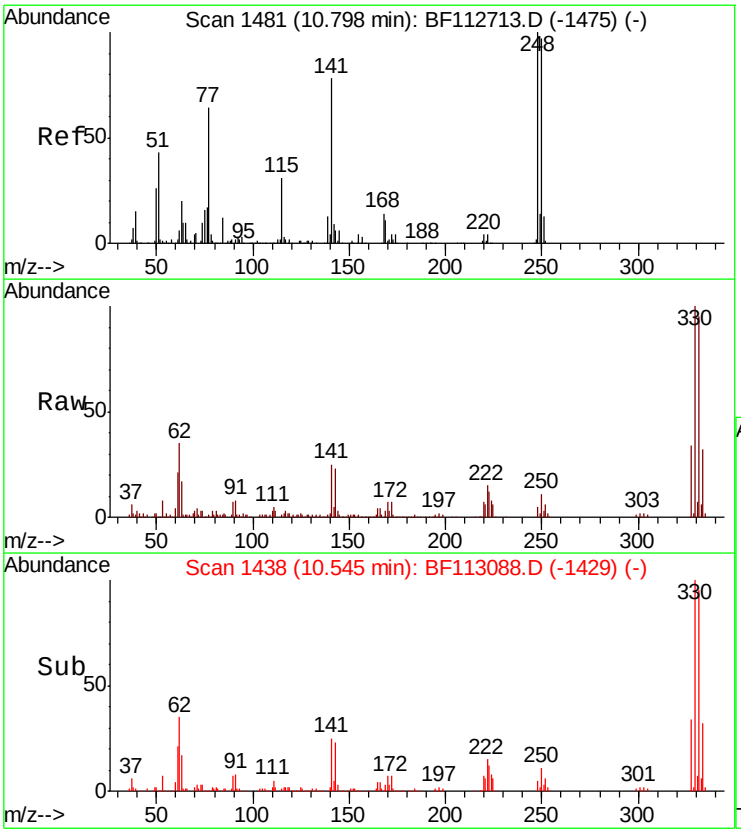
#65
4,6-Dinitro-2-methylphenol
Concen: 4.788 ng
RT: 10.54 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SB-3(7-8)

Tgt Ion:198 Resp: 368

Ion	Ratio	Lower	Upper
198	100		
51	179.8	43.8	83.8#
105	427.2	36.5	76.5#

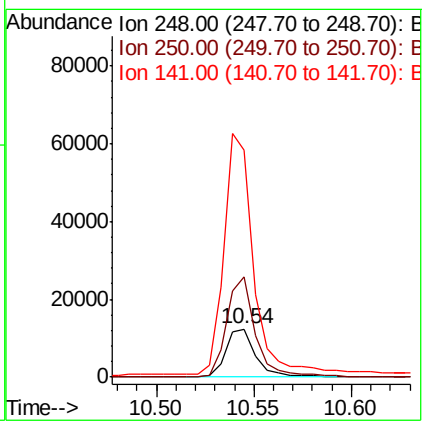


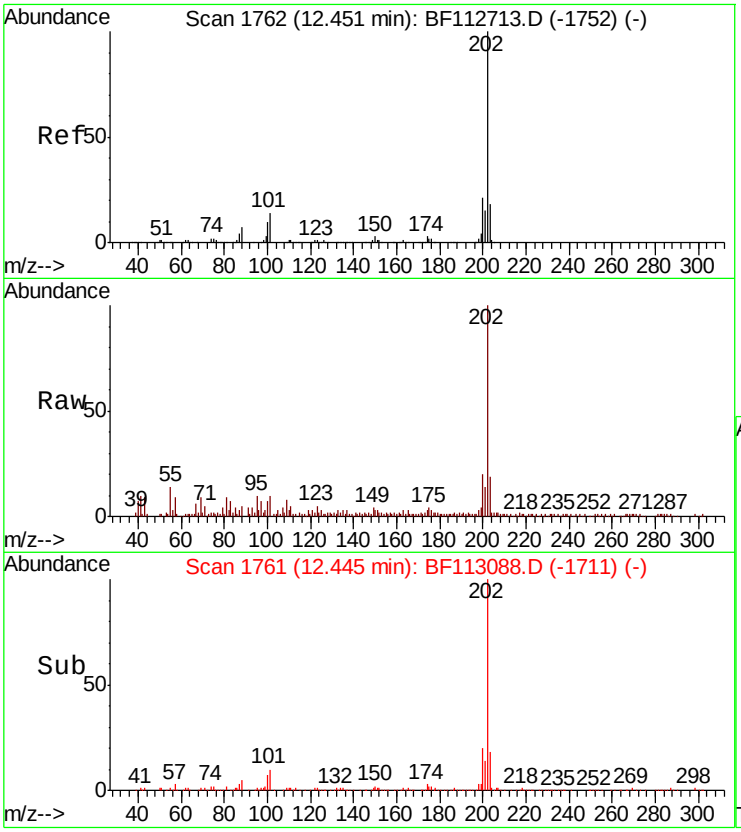


#67
4-Bromophenyl-phenylether
Concen: 2.688 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Tgt Ion:248 Resp: 13088

Ion	Ratio	Lower	Upper
248	100		
250	205.9	77.5	116.3#
141	467.9	62.4	93.6#



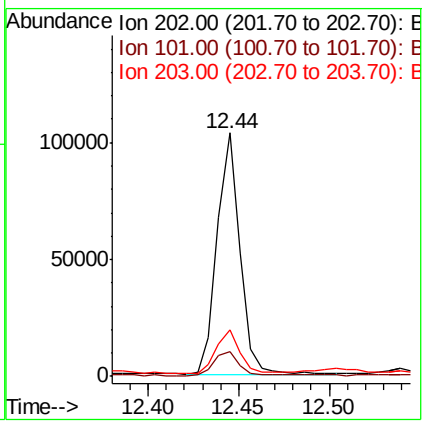


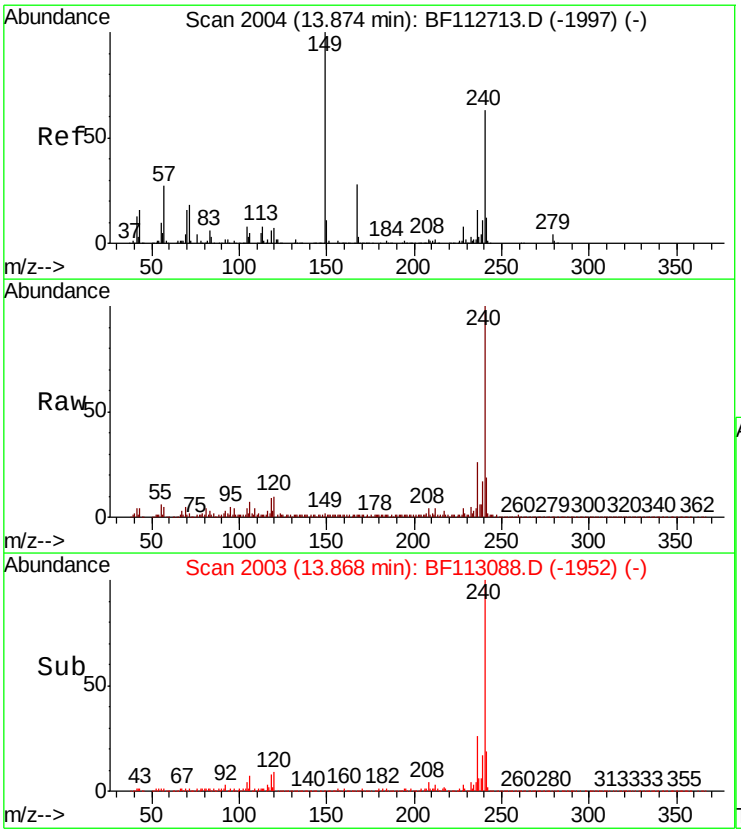
#75
Fluoranthene
Concen: 3.738 ng
RT: 12.44 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SB-3(7-8)

Tgt Ion:202 Resp: 92091

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	33.8
203	19.2	0.0	38.4

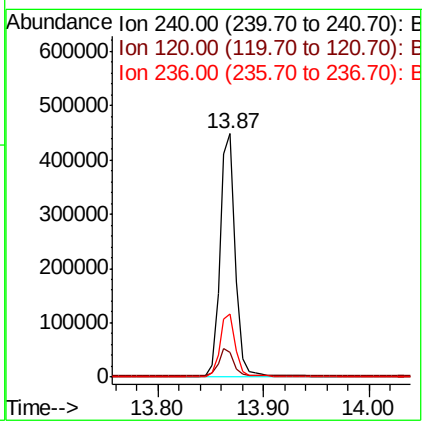


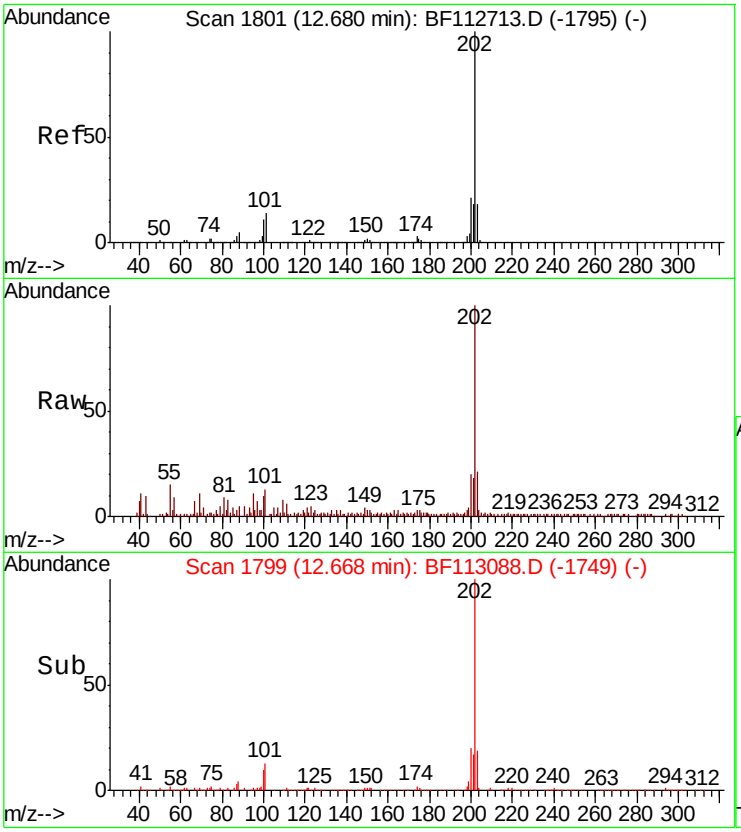


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Tgt Ion:240 Resp: 451785

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.9	13.3
236	26.0	20.7	31.1



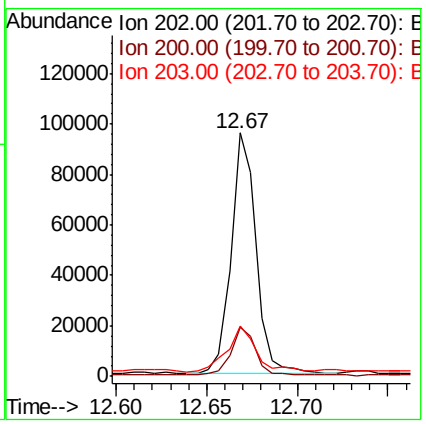


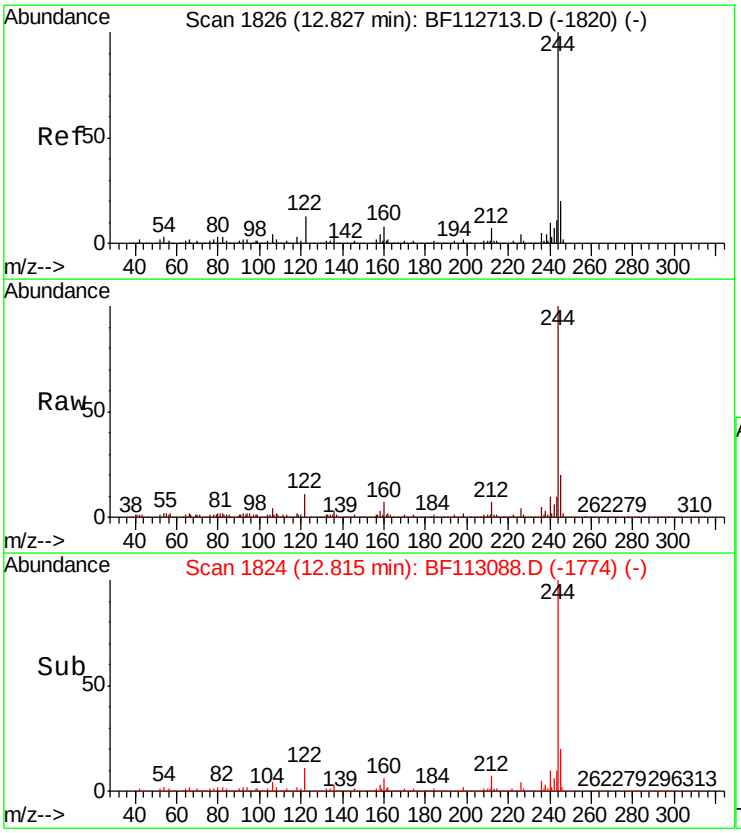
#78
Pyrene
Concen: 2.416 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SB-3(7-8)

Tgt Ion:202 Resp: 92022

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.0	25.4
203	20.6	14.4	21.6

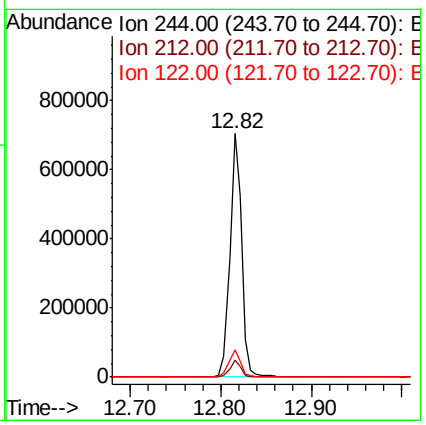


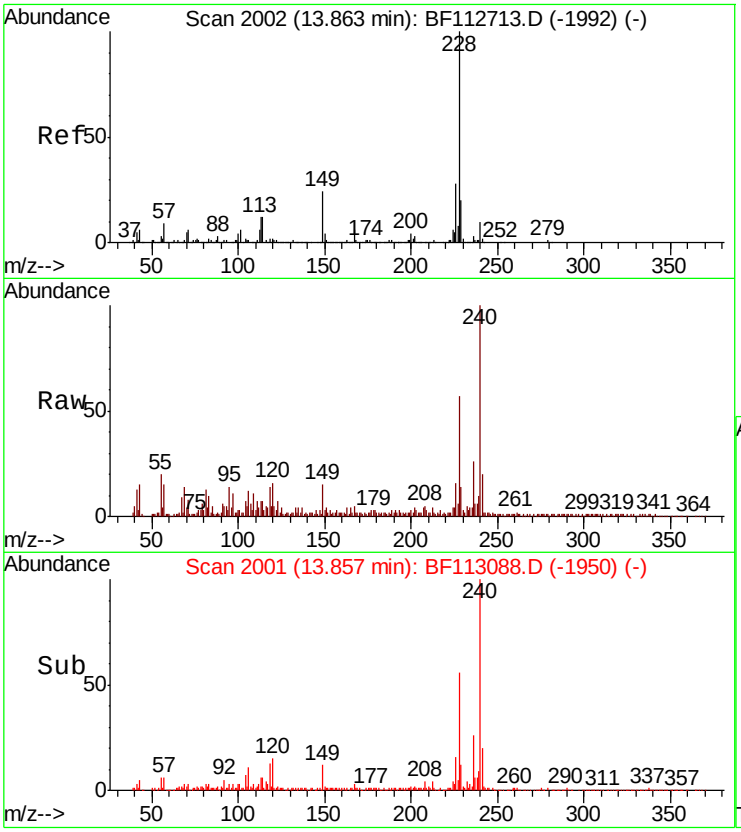


#79
Terphenyl-d14
Concen: 27.274 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Tgt Ion:244 Resp: 635656

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	11.3	10.5	15.7



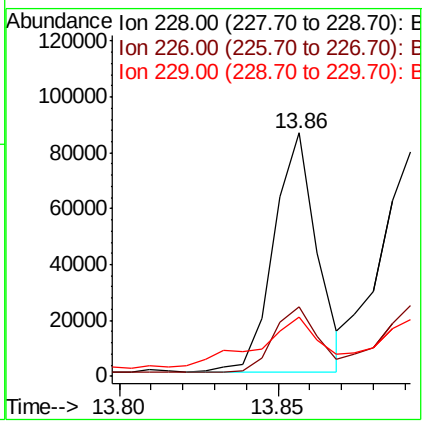


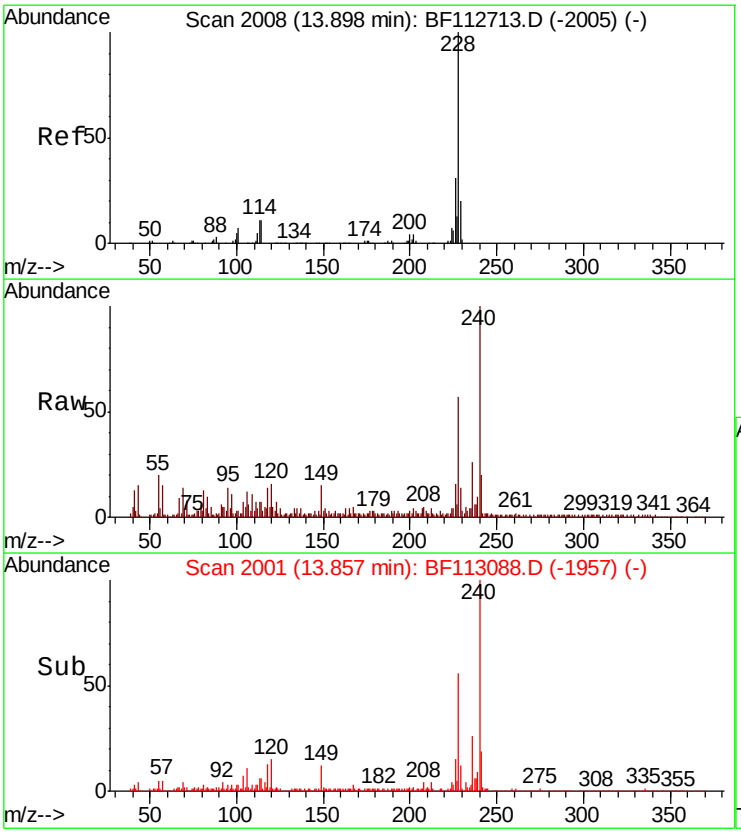
#81
Benzo(a)anthracene
Concen: 2.581 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SB-3(7-8)

Tgt Ion:228 Resp: 80824

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.2	33.4
229	24.3	16.0	24.0#

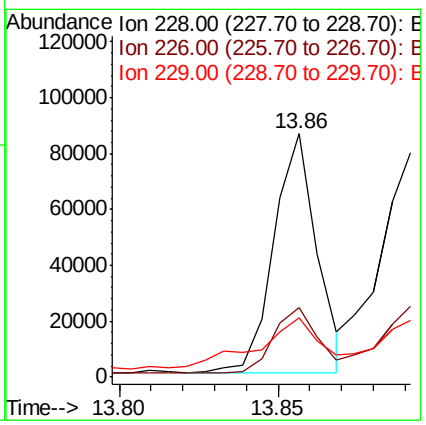


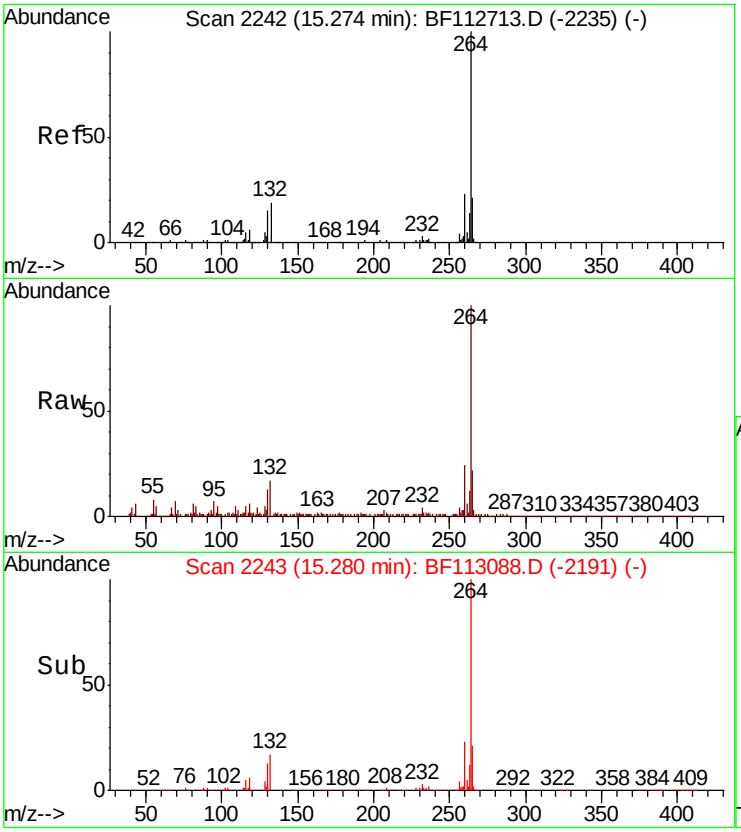


#83
Chrysene
Concen: 2.635 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.04 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Tgt Ion:228 Resp: 80824

Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.9	37.3
229	24.3	16.3	24.5



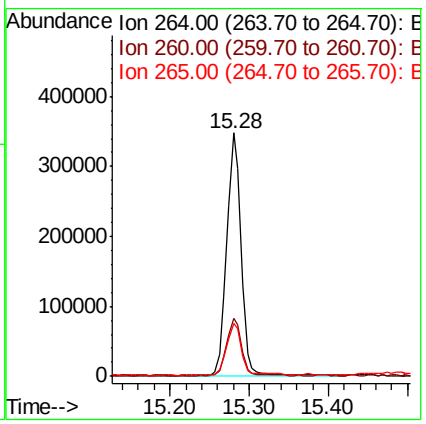


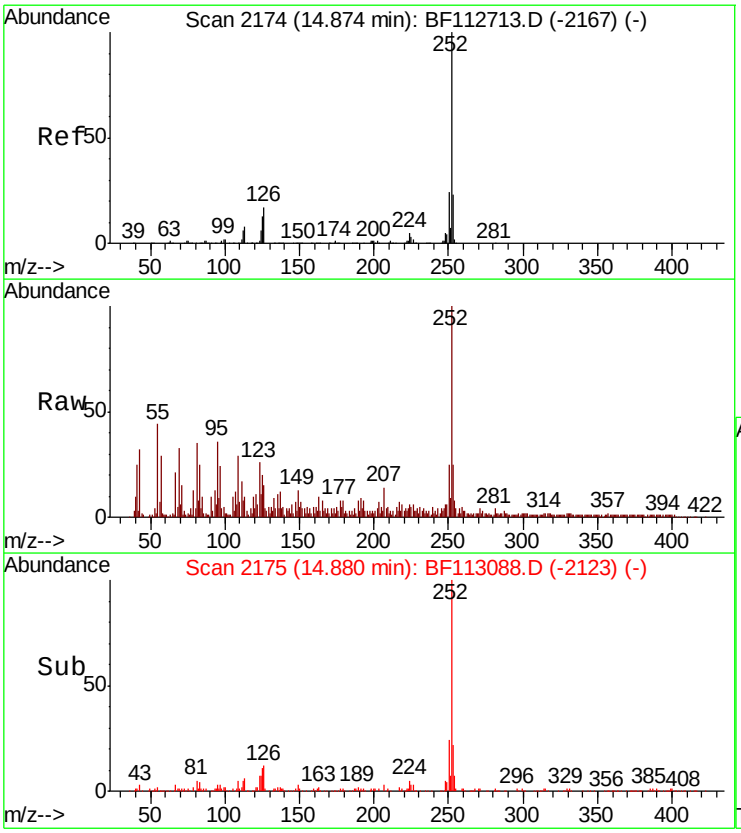
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SB-3(7-8)

Tgt Ion:264 Resp: 436122

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.8	17.2	25.8

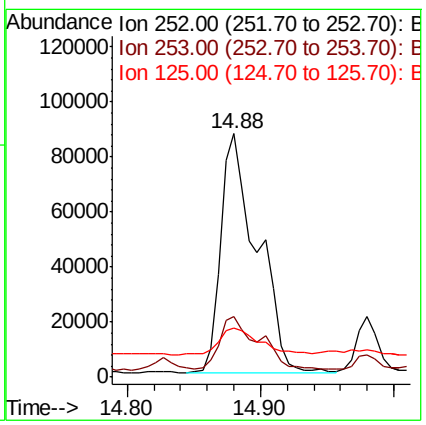


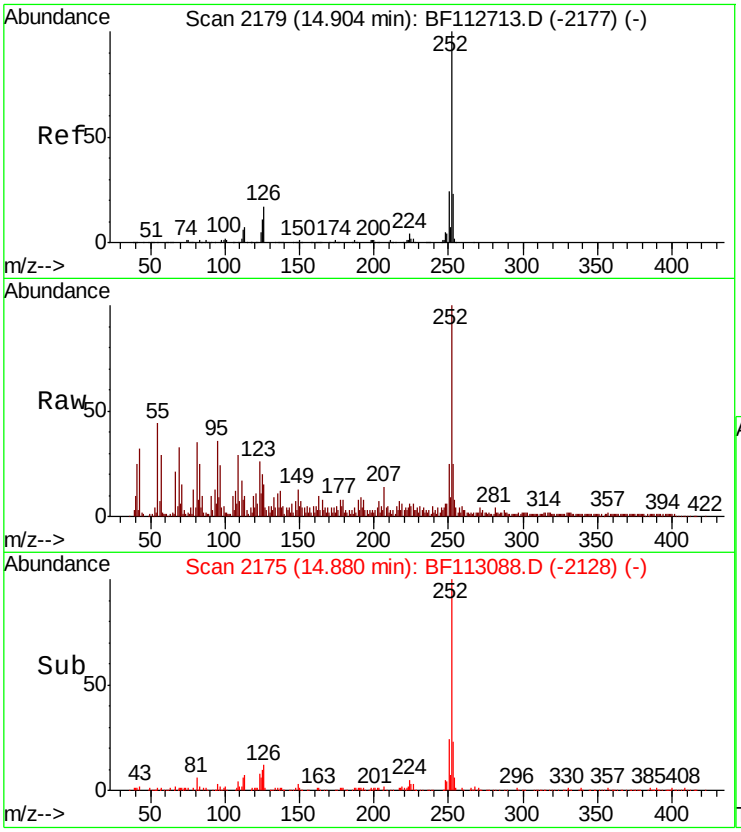


#88
Benzo(b)fluoranthene
Concen: 5.805 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Tgt Ion:252 Resp: 163768

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.0	27.0
125	20.0	10.2	15.2#



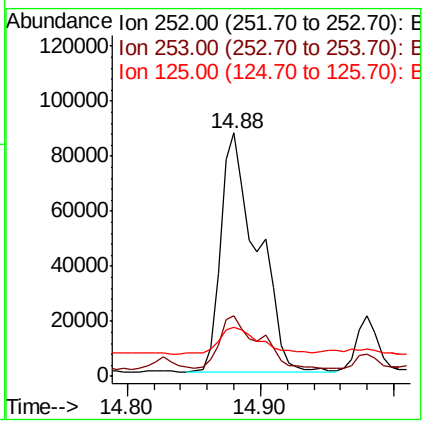


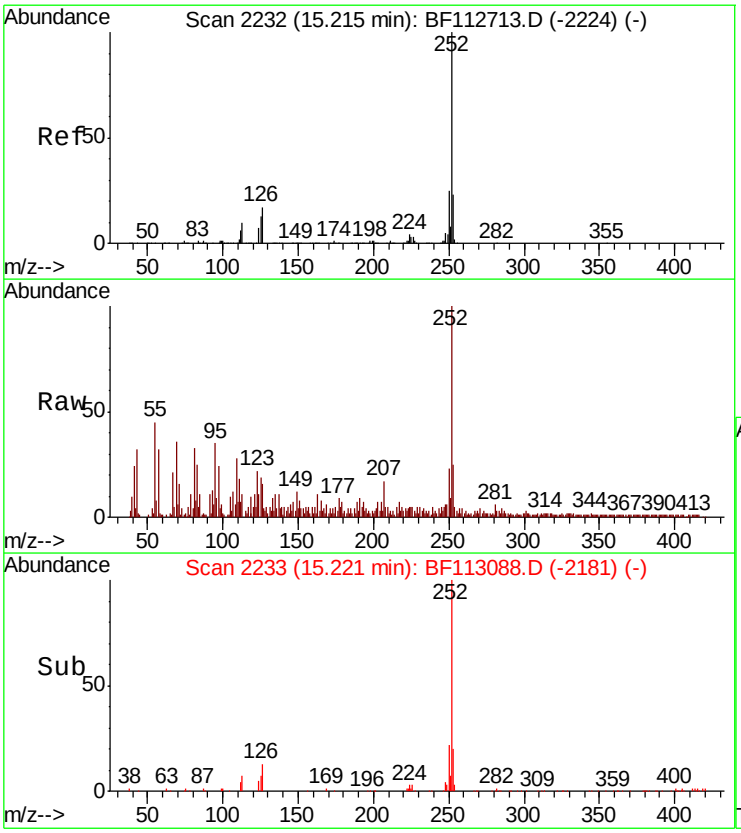
#89
Benzo(k)fluoranthene
Concen: 6.409 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Instrument :
BNA_F
ClientSampleId :
SB-3(7-8)

Tgt Ion:252 Resp: 163768

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.2	27.2
125	20.0	9.8	14.6#





#90
Benzo(a)pyrene
Concen: 3.323 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BF113088.D
Acq: 18 Mar 2019 14:15

Tgt Ion:252 Resp: 82903

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.0	27.0
125	19.2	10.7	16.1#