Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
Data File : BF113065.D
Acq On : 15 Mar 2019 14:58
Operator : JU/SJ
Sample : K1911-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR200036

Quant Time: Mar 15 22:53:29 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	127271	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	513983	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	251808	20.00	ng		-0.01
64) Phenanthrene-d10	11.23	188	512801	20.00	ng		-0.01
76) Chrysene-d12	13.86	240	442883	20.00	ng		0.00
87) Perylene-d12	15.27	264	434875	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	886991	108.41	ng		0.00
7) Phenol-d6	6.37	99	1163217	113.18	ng		0.00
23) Nitrobenzene-d5	7.29	82	738312	85.95	ng		-0.01
42) 2,4,6-Tribromophenol	10.55	330	405612	151.73	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1381395	93.29	ng		0.00
79) Terphenyl-d14	12.82	244	1544848	67.62	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	97470	14.974	ng	#	74
25) Isophorone	7.29	82	726966	39.285	ng	#	66
50) Dimethylphthalate	9.47	163	108356	5.836	ng		98
57) 2,4-Dinitrotoluene	9.76	165	31842	6.625	ng	#	18
65) 4,6-Dinitro-2-methylphenol	10.55	198	406	4.787	ng	#	1
67) 4-Bromophenyl-phenylether	10.55	248	22762	4.214	ng	#	1
71) Phenanthrene	11.26	178	100551	3.941	ng		98
75) Fluoranthene	12.44	202	167069	6.112	ng		96
78) Pyrene	12.67	202	156179	4.183	ng		97
83) Chrysene	13.89	228	63325	2.106	ng		96
88) Benzo(b)fluoranthene	14.87	252	94111	3.346	ng	#	95
89) Benzo(k)fluoranthene	14.87	252	94111	3.694	ng	#	95

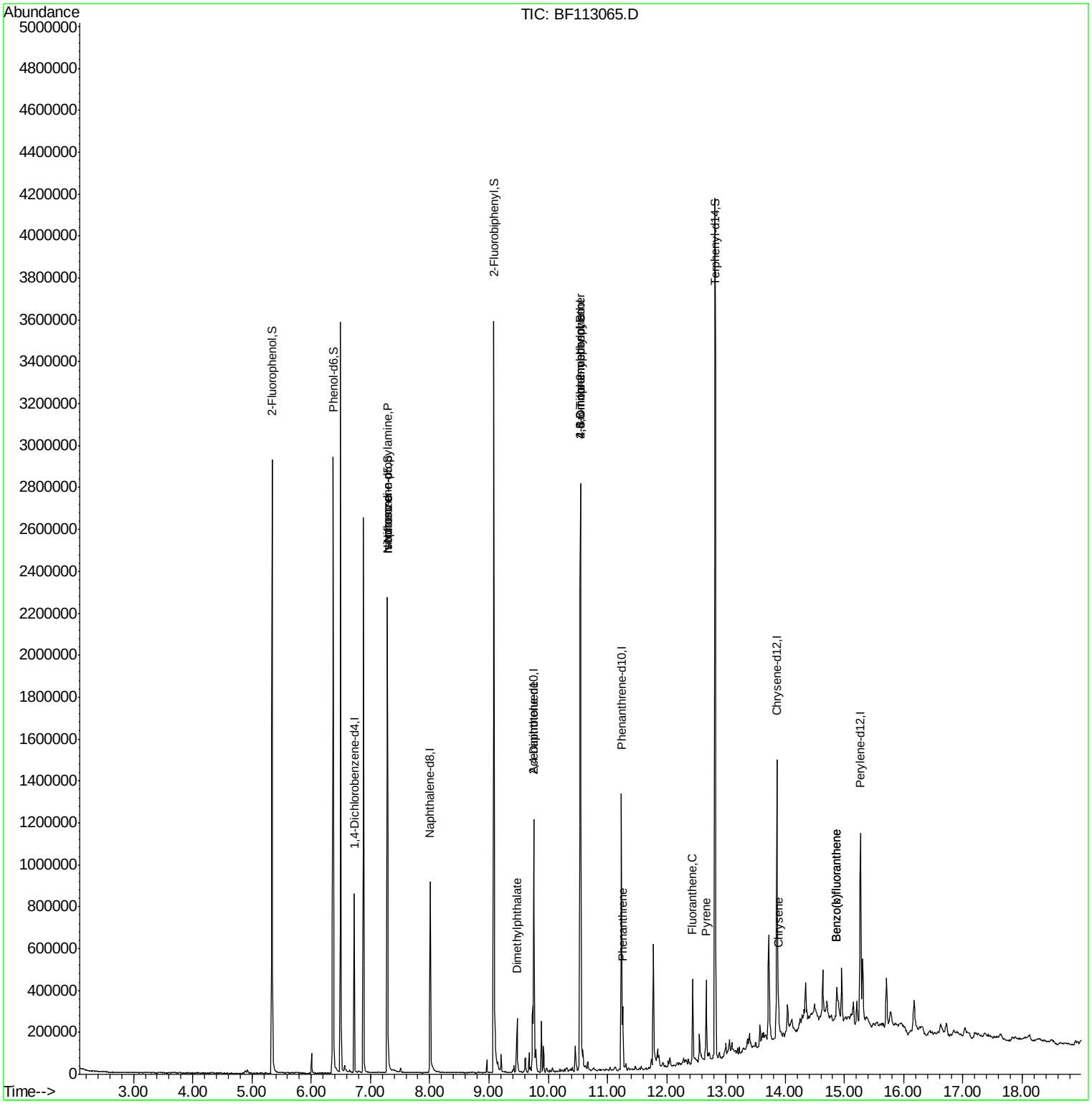
(#) = qualifier out of range (m) = manual integration (+) = signals summed

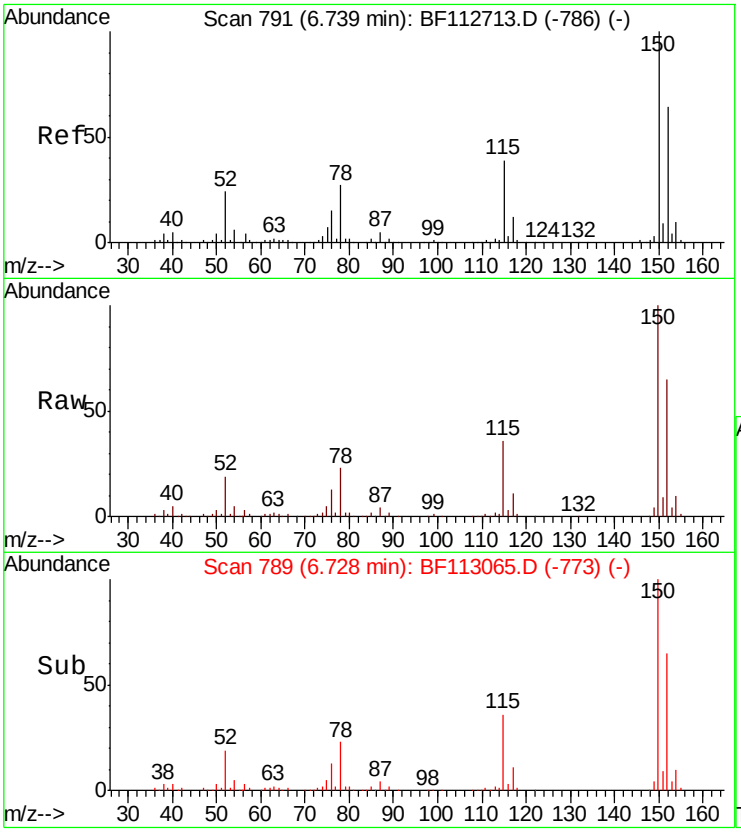
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
Data File : BF113065.D
Acq On : 15 Mar 2019 14:58
Operator : JU/SJ
Sample : K1911-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR200036

Quant Time: Mar 15 22:53:29 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



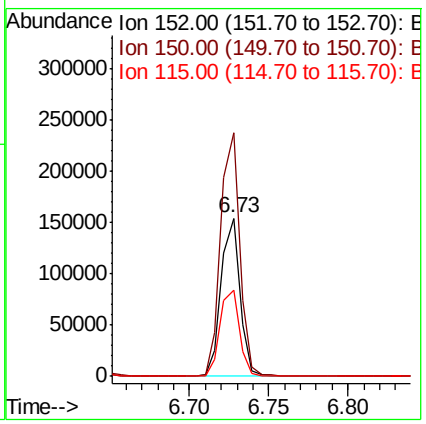


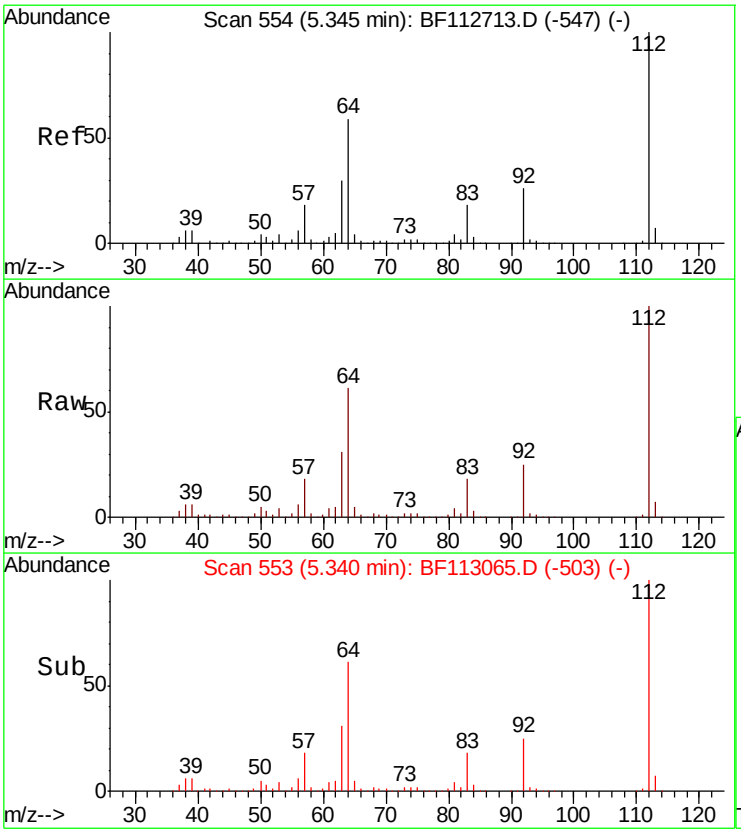
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113065.D
Acq: 15 Mar 2019 14:58

Instrument :
BNA_F
ClientSampleId :
RBR200036

Tgt Ion:152 Resp: 127271

Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.2	186.2
115	54.9	48.2	72.4

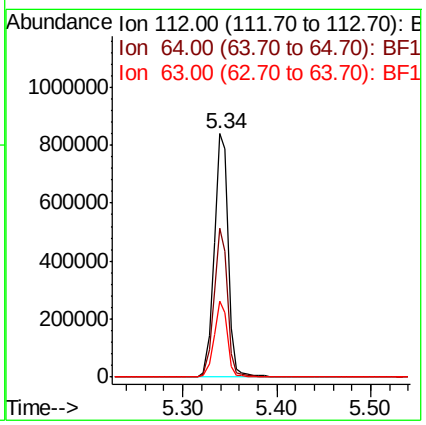


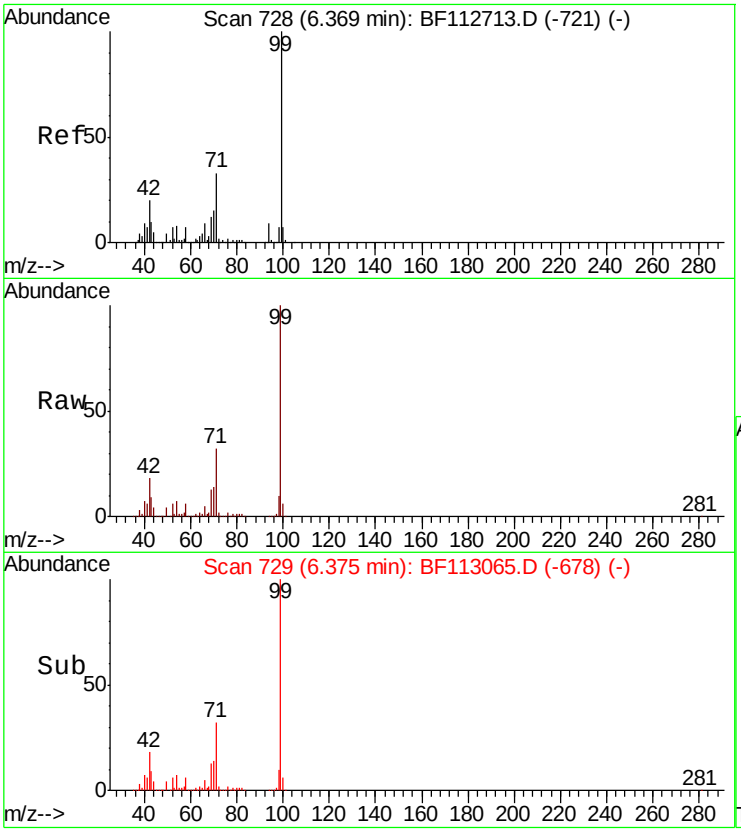


#5
2-Fluorophenol
Concen: 108.411 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF113065.D
Acq: 15 Mar 2019 14:58

Tgt Ion:112 Resp: 886991

Ion	Ratio	Lower	Upper
112	100		
64	61.0	47.6	71.4
63	31.1	24.4	36.6



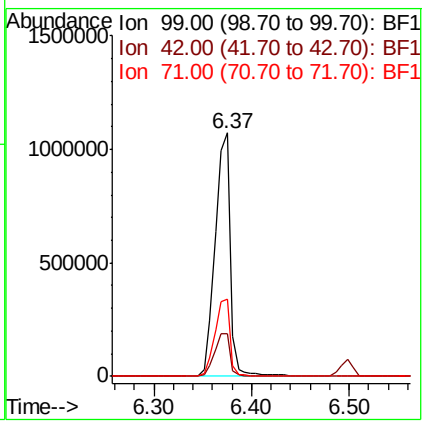


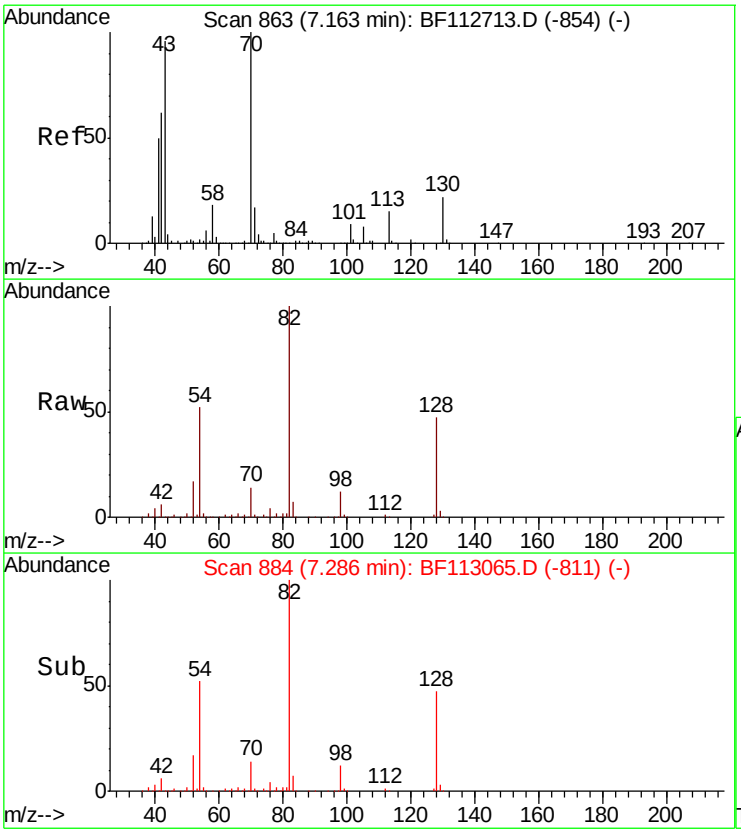
#7
Phenol-d6
Concen: 113.179 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF113065.D
Acq: 15 Mar 2019 14:58

Instrument :
BNA_F
ClientSampleId :
RBR200036

Tgt Ion: 99 Resp: 1163217

Ion	Ratio	Lower	Upper
99	100		
42	17.5	16.3	24.5
71	31.6	26.2	39.4

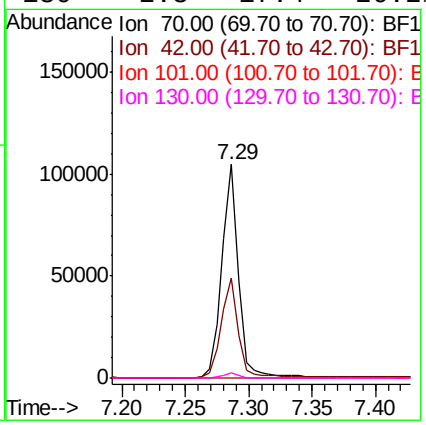


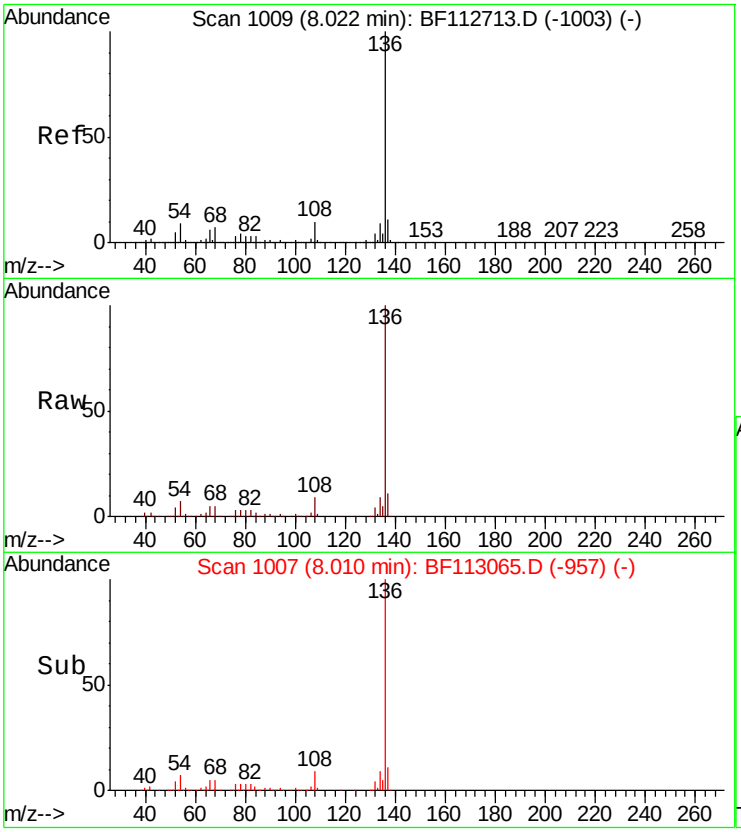


#19
n-Nitroso-di-n-propylamine
Concen: 14.974 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.13 min
Lab File: BF113065.D
Acq: 15 Mar 2019 14:58

Tgt Ion: 70 Resp: 97470

Ion	Ratio	Lower	Upper
70	100		
42	46.9	49.9	74.9#
101	0.0	7.4	11.2#
130	2.3	17.4	26.2#



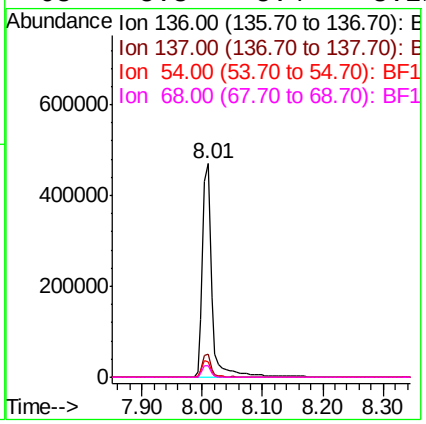


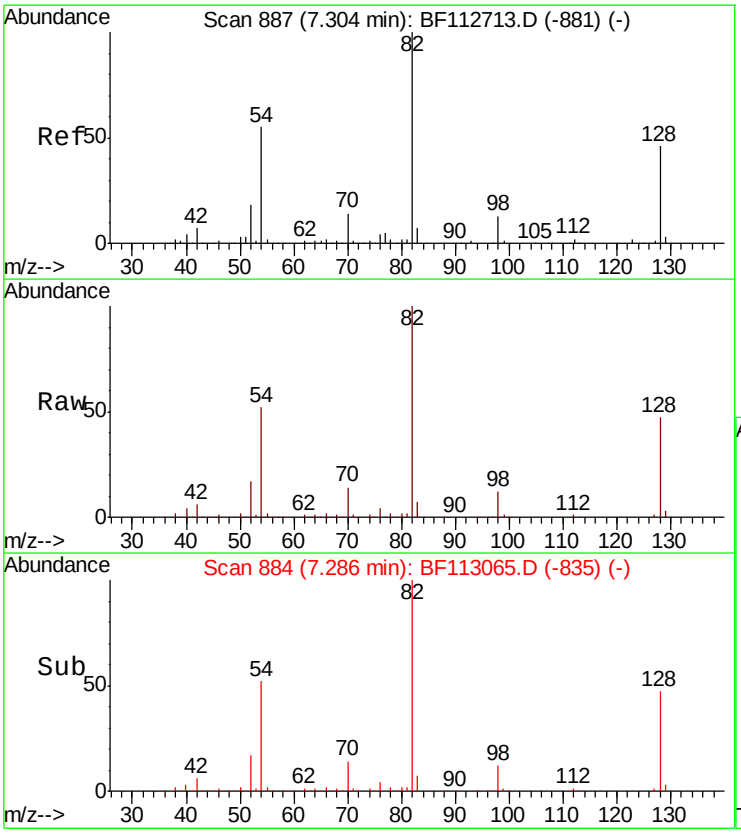
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113065.D
Acq: 15 Mar 2019 14:58

Instrument :
BNA_F
ClientSampleId :
RBR200036

Tgt Ion:136 Resp: 513983

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.4	7.3	10.9
68	5.3	5.4	8.2#

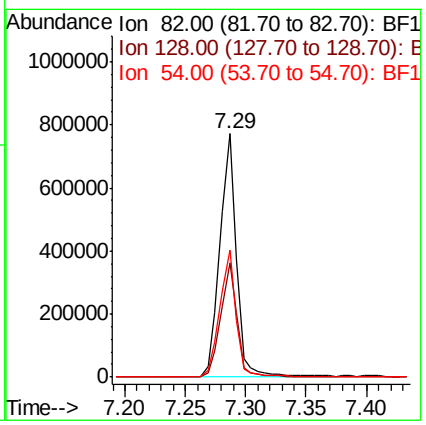


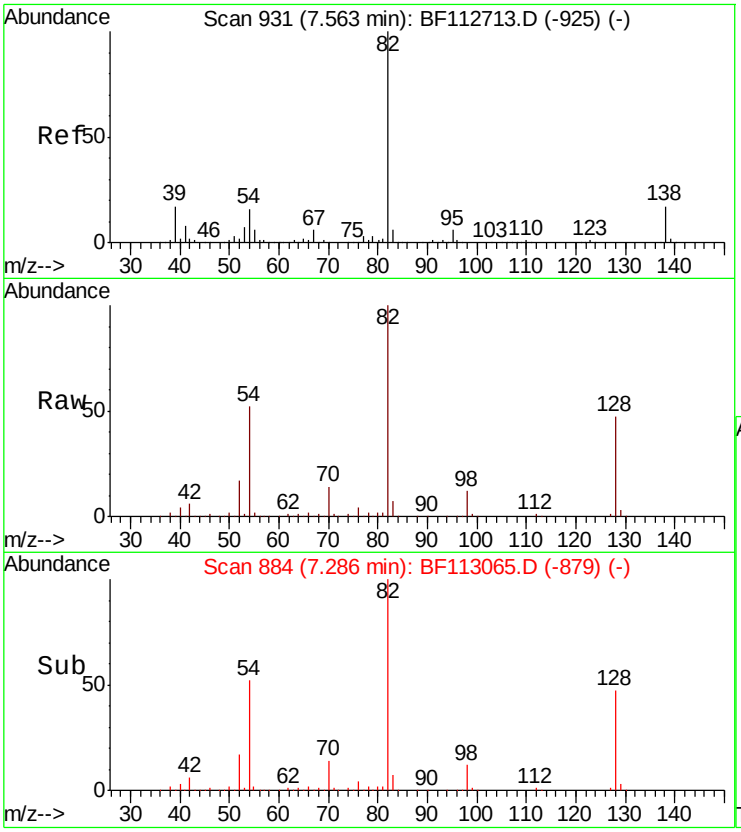


#23
Nitrobenzene-d5
Concen: 85.954 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113065.D
Acq: 15 Mar 2019 14:58

Tgt Ion: 82 Resp: 738312

Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.3	54.5
54	52.3	43.7	65.5



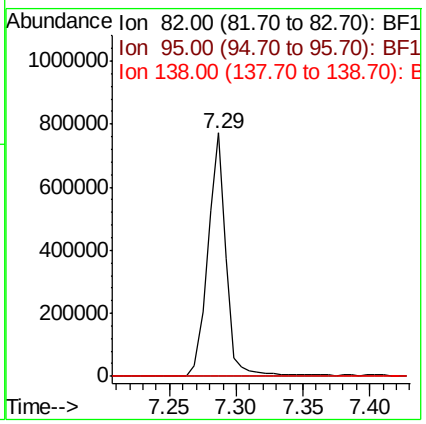


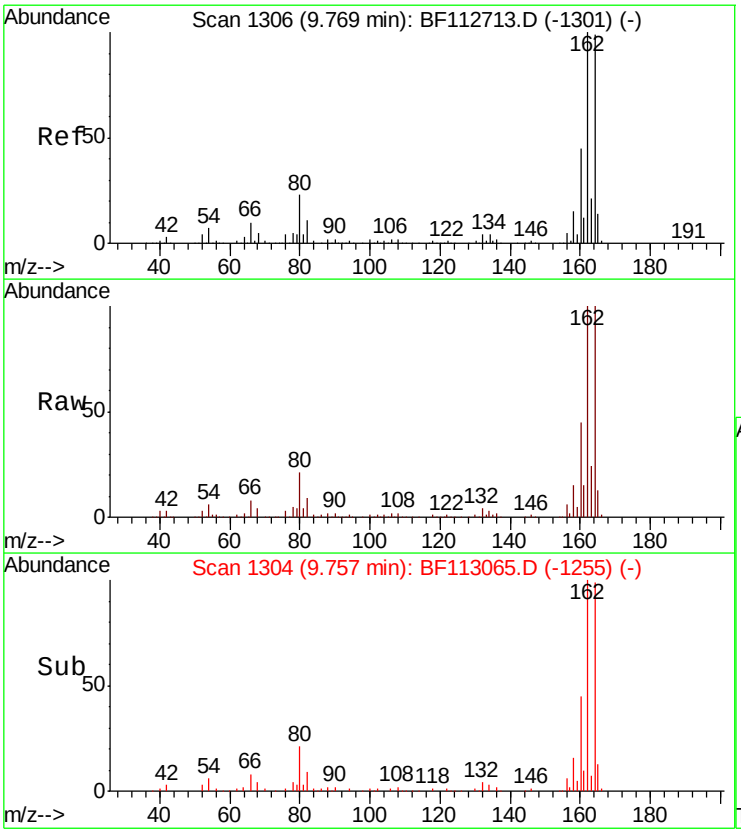
#25
Isophorone
Concen: 39.285 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.27 min
Lab File: BF113065.D
Acq: 15 Mar 2019 14:58

Instrument :
BNA_F
ClientSampleId :
RBR200036

Tgt Ion: 82 Resp: 726966

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

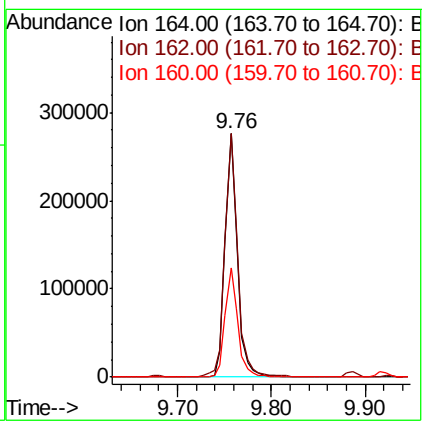


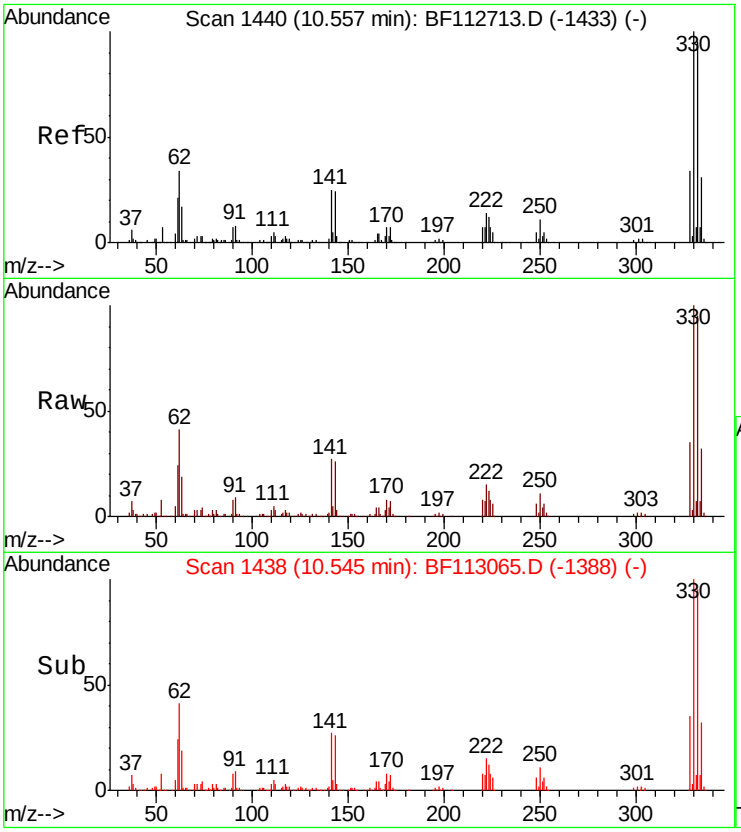


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113065.D
Acq: 15 Mar 2019 14:58

Tgt Ion:164 Resp: 251808

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.6	120.8
160	44.7	36.0	54.0



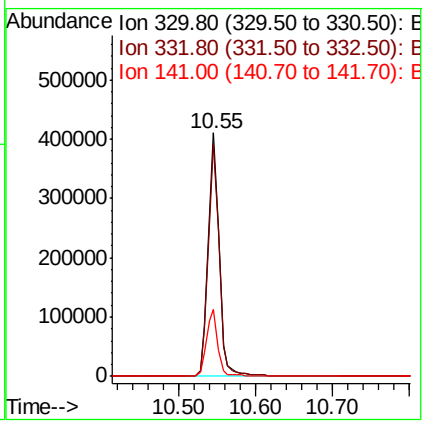


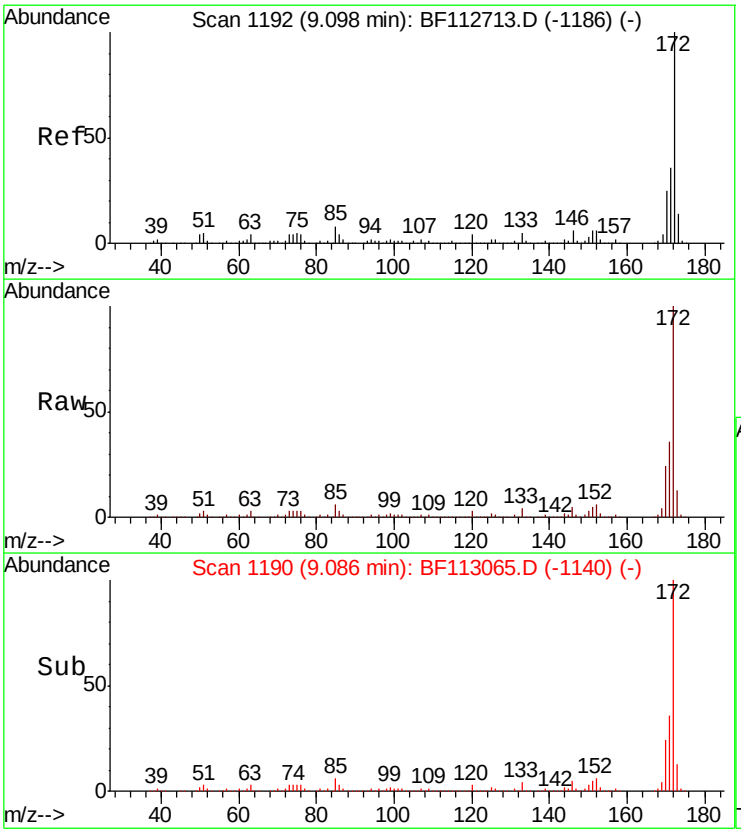
#42
2,4,6-Tribromophenol
Concen: 151.730 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF113065.D
Acq: 15 Mar 2019 14:58

Instrument :
BNA_F
ClientSampleId :
RBR200036

Tgt Ion:330 Resp: 405612

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.2	114.4
141	28.2	27.0	40.6

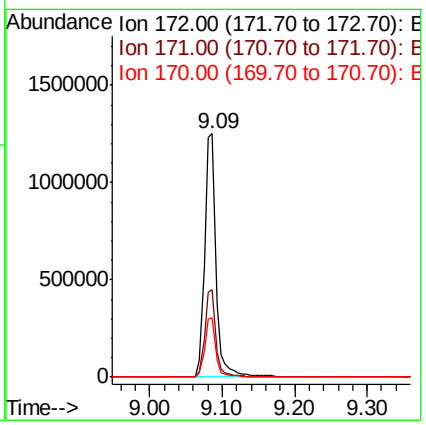


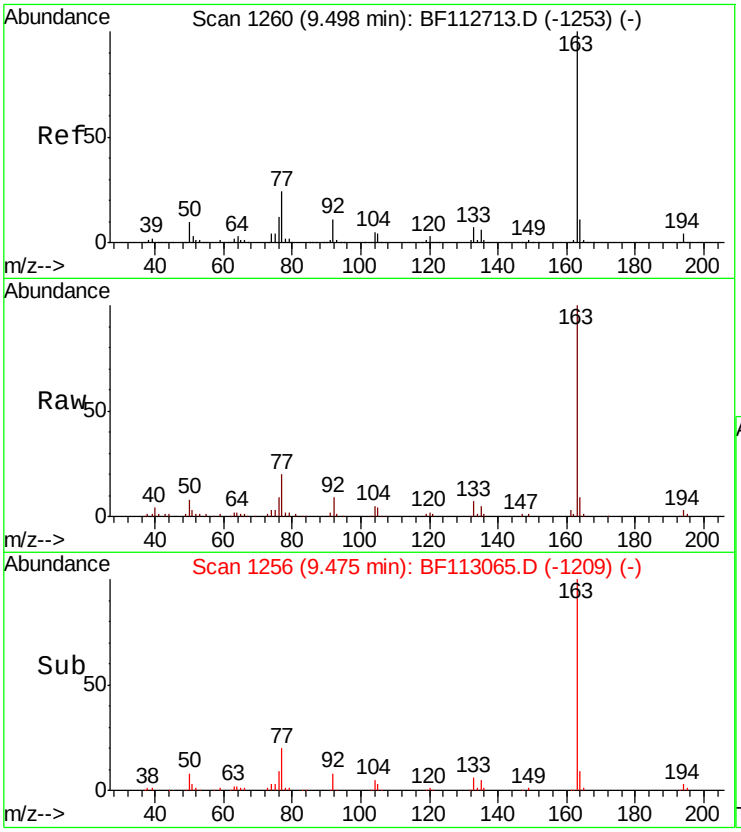


#45
2-Fluorobiphenyl
Concen: 93.288 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113065.D
Acq: 15 Mar 2019 14:58

Tgt Ion:172 Resp: 1381395

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	24.4	20.0	30.0



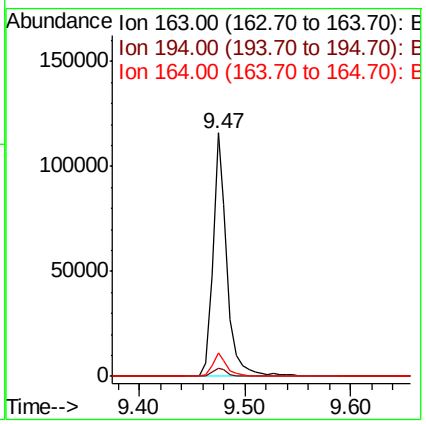


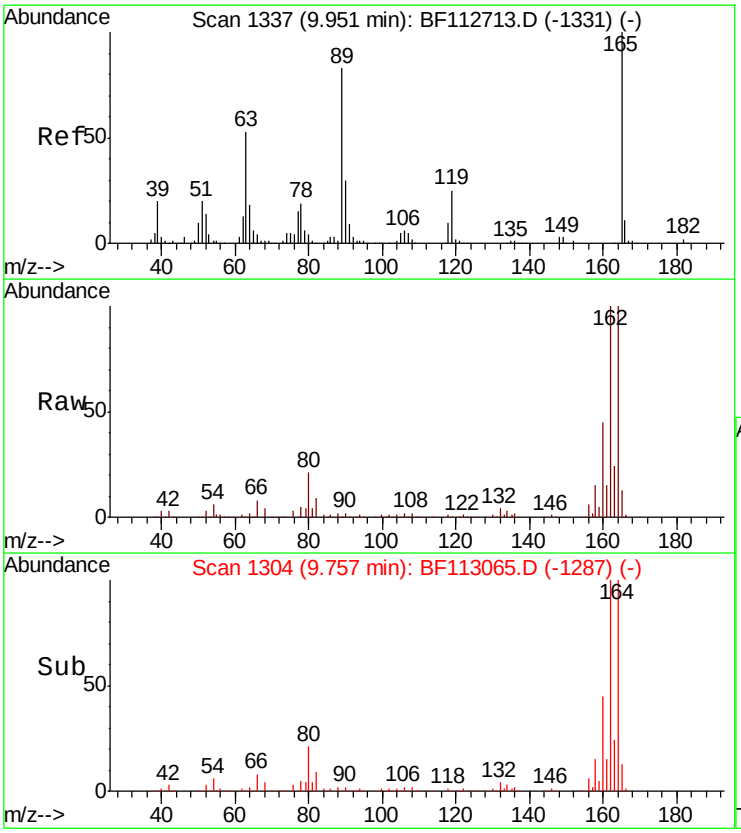
#50
Dimethylphthalate
Concen: 5.836 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113065.D
Acq: 15 Mar 2019 14:58

Instrument :
BNA_F
ClientSampleId :
RBR200036

Tgt Ion:163 Resp: 108356

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	9.5	8.4	12.6

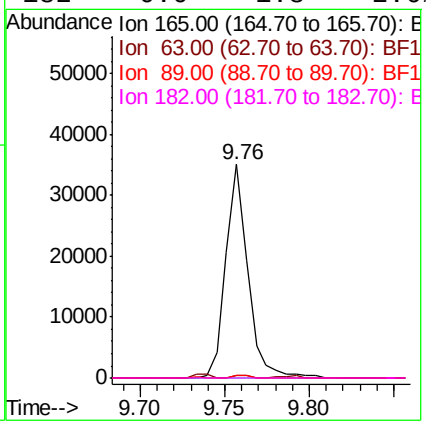


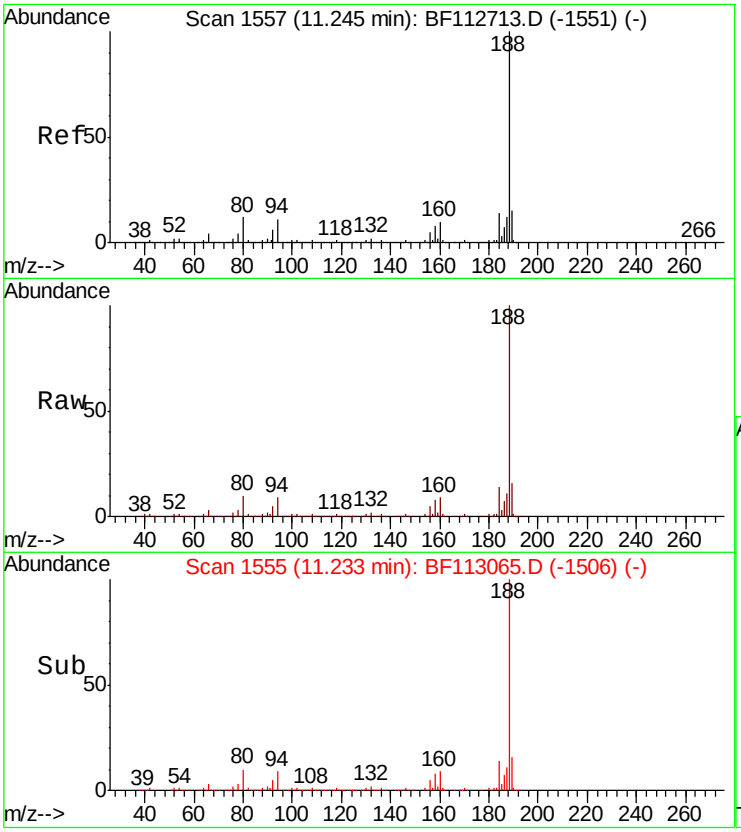


#57
2,4-Dinitrotoluene
Concen: 6.625 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.20 min
Lab File: BF113065.D
Acq: 15 Mar 2019 14:58

Tgt Ion:165 Resp: 31842

Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.2	63.2#
89	1.2	66.2	99.4#
182	0.0	1.8	2.6#



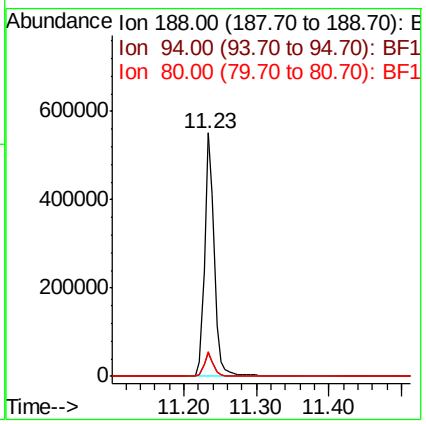


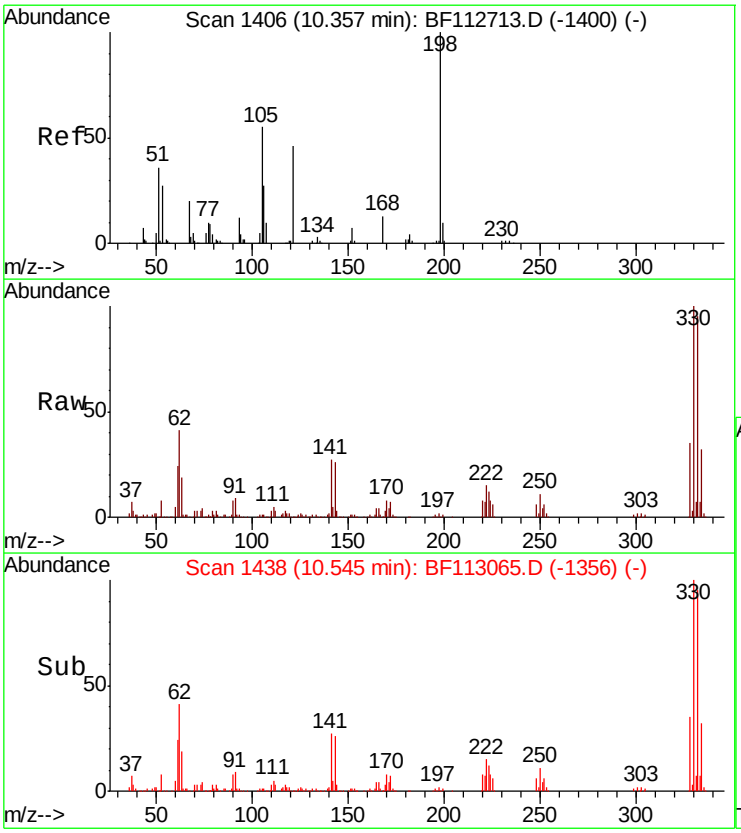
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113065.D
Acq: 15 Mar 2019 14:58

Instrument :
BNA_F
ClientSampleId :
RBR200036

Tgt Ion:188 Resp: 512801

Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.0	13.4
80	9.9	9.2	13.8

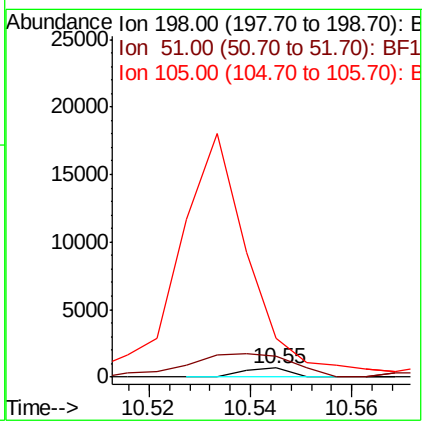


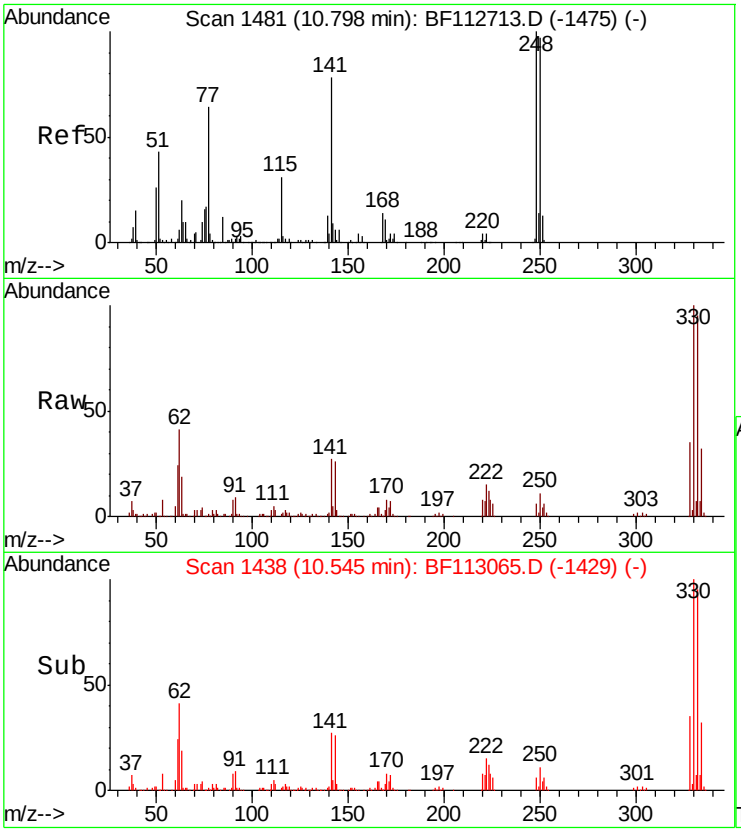


#65
4,6-Dinitro-2-methylphenol
Concen: 4.787 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF113065.D
Acq: 15 Mar 2019 14:58

Tgt Ion:198 Resp: 406

Ion	Ratio	Lower	Upper
198	100		
51	234.8	43.8	83.8#
105	430.4	36.5	76.5#



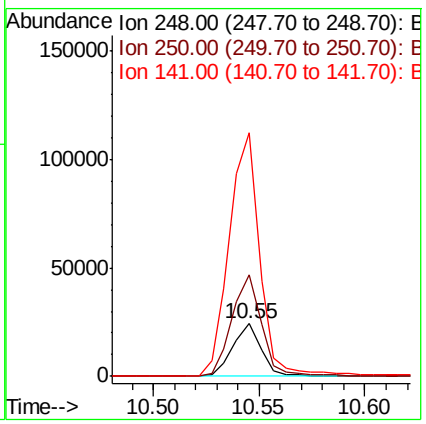


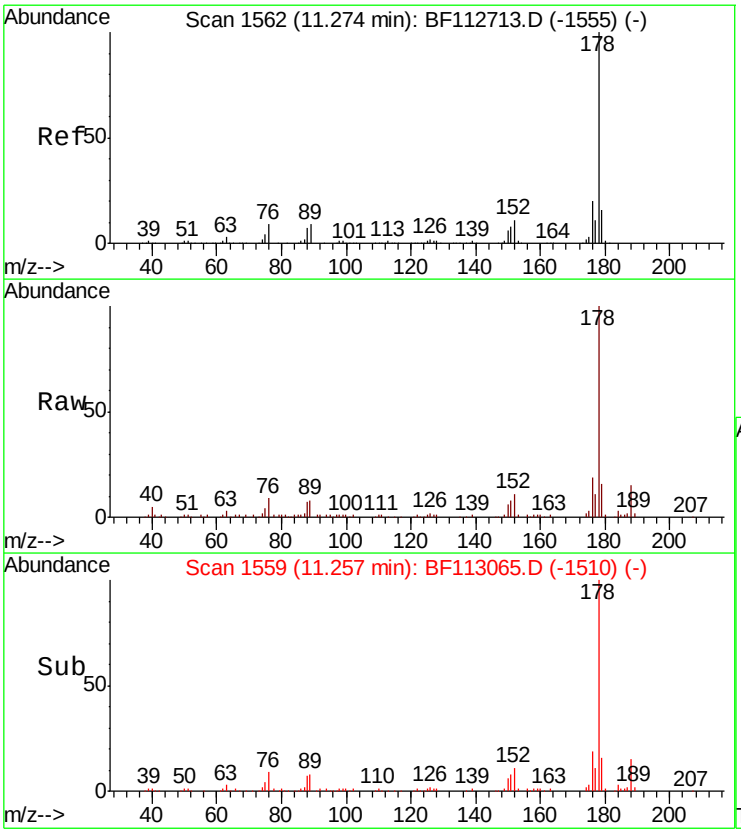
#67
4-Bromophenyl-phenylether
Concen: 4.214 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF113065.D
Acq: 15 Mar 2019 14:58

Instrument :
BNA_F
ClientSampleId :
RBR200036

Tgt Ion:248 Resp: 22762

Ion	Ratio	Lower	Upper
248	100		
250	194.0	77.5	116.3#
141	462.5	62.4	93.6#

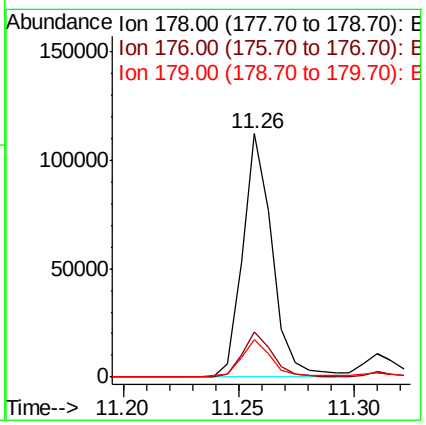


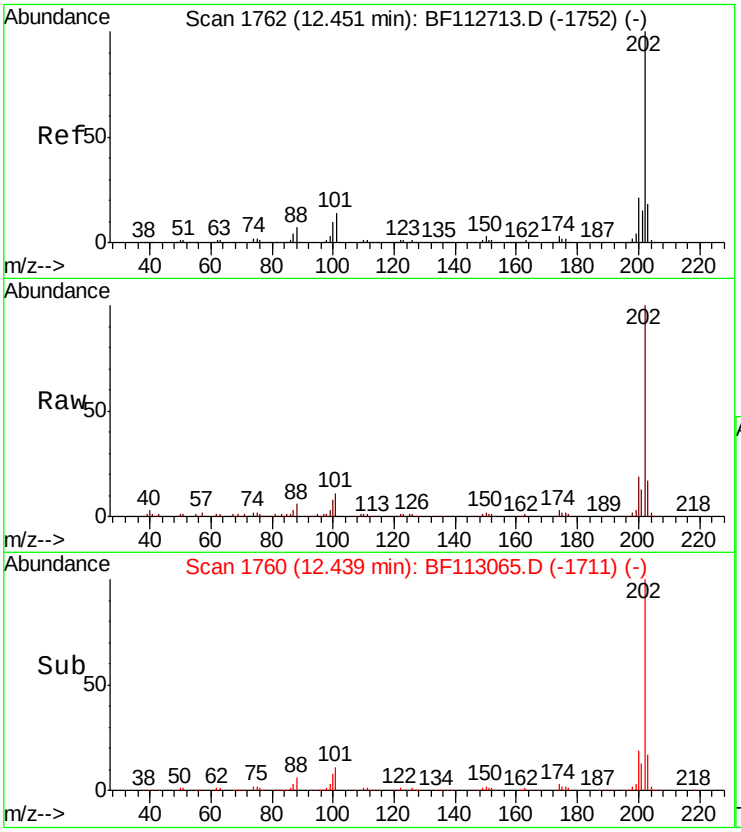


#71
Phenanthrene
Concen: 3.941 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF113065.D
Acq: 15 Mar 2019 14:58

Tgt Ion:178 Resp: 100551

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.3	24.5
179	15.5	12.7	19.1



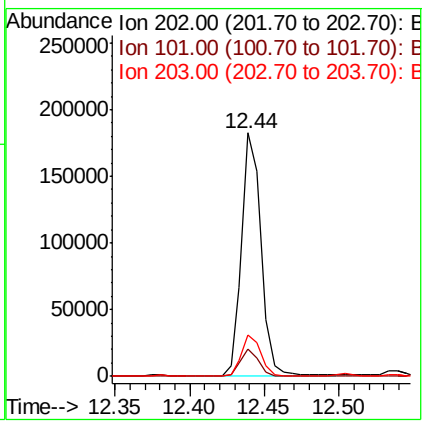


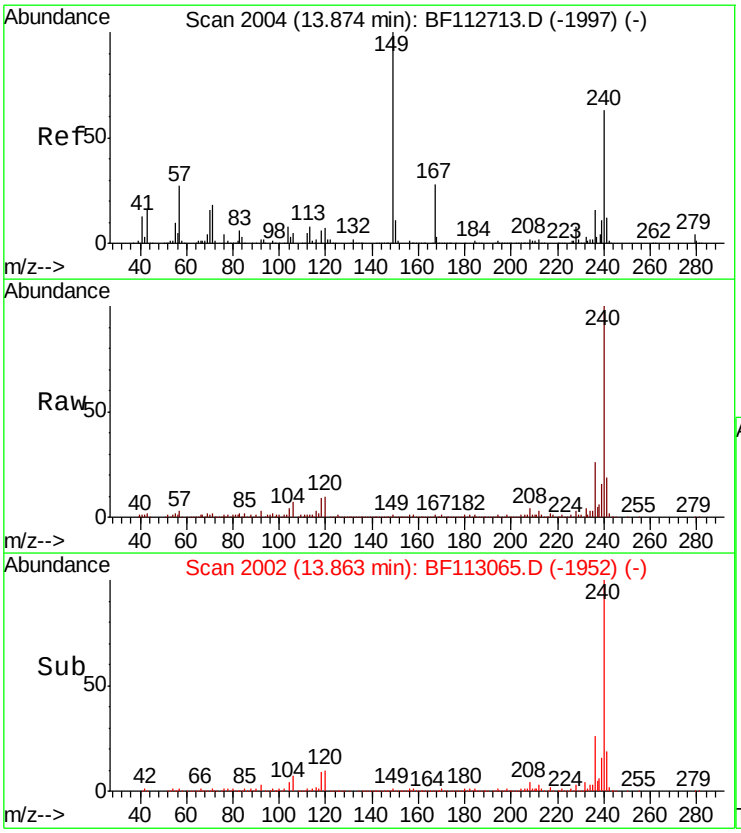
#75
Fluoranthene
Concen: 6.112 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF113065.D
Acq: 15 Mar 2019 14:58

Instrument :
BNA_F
ClientSampleId :
RBR200036

Tgt Ion:202 Resp: 167069

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	33.8
203	17.0	0.0	38.4

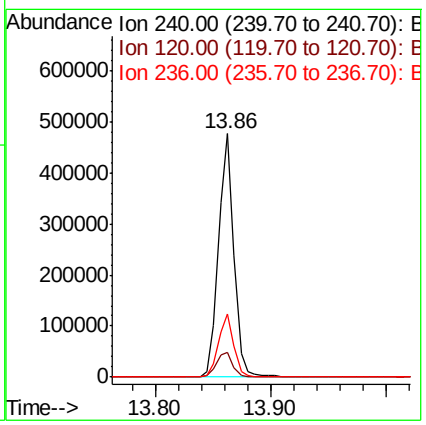


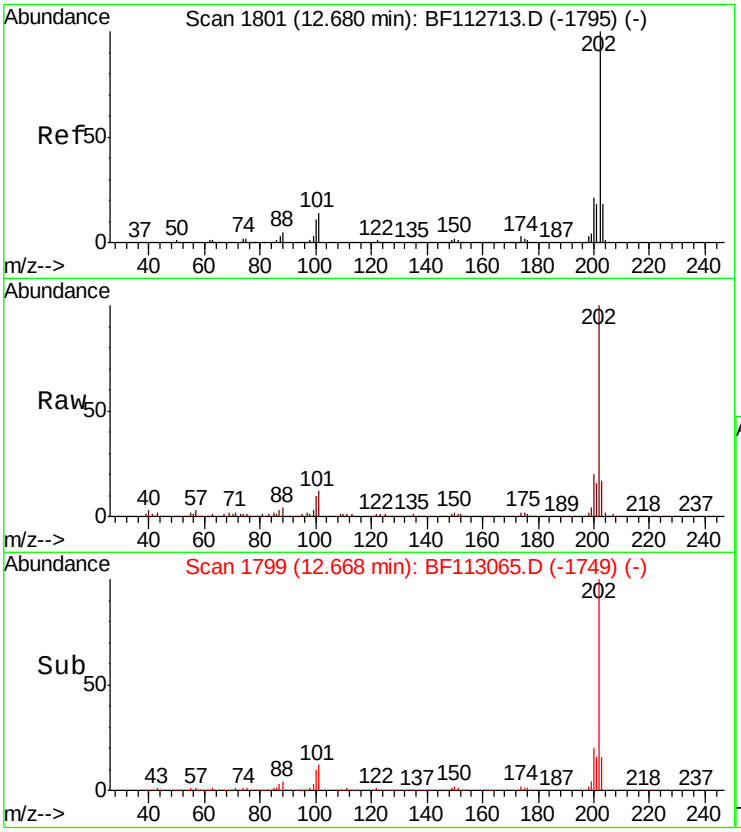


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113065.D
Acq: 15 Mar 2019 14:58

Tgt Ion:240 Resp: 442883

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.9	13.3
236	25.8	20.7	31.1



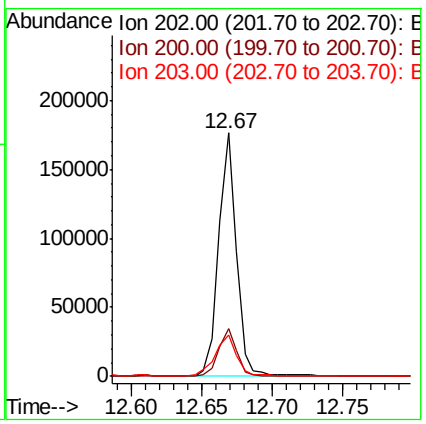


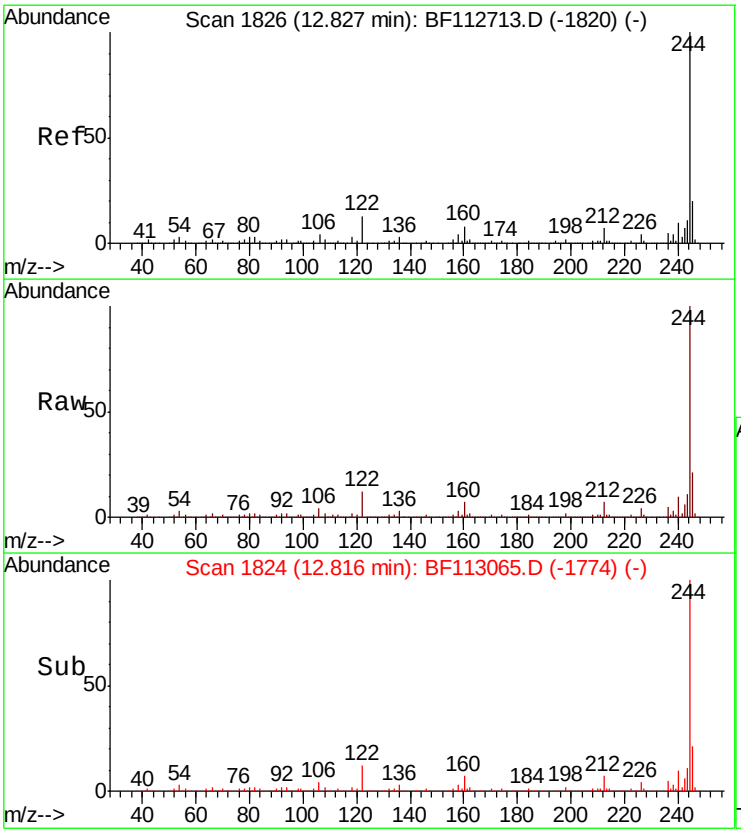
#78
Pyrene
Concen: 4.183 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF113065.D
Acq: 15 Mar 2019 14:58

Instrument :
BNA_F
ClientSampleId :
RBR200036

Tgt Ion:202 Resp: 156179

Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.0	25.4
203	16.7	14.4	21.6

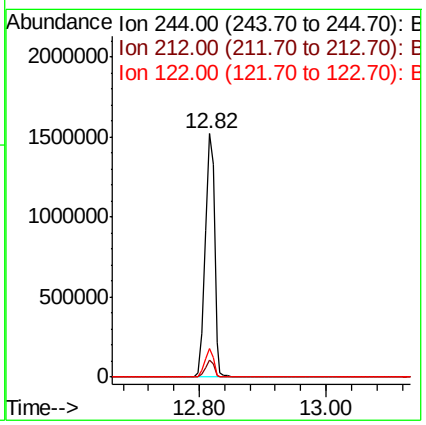


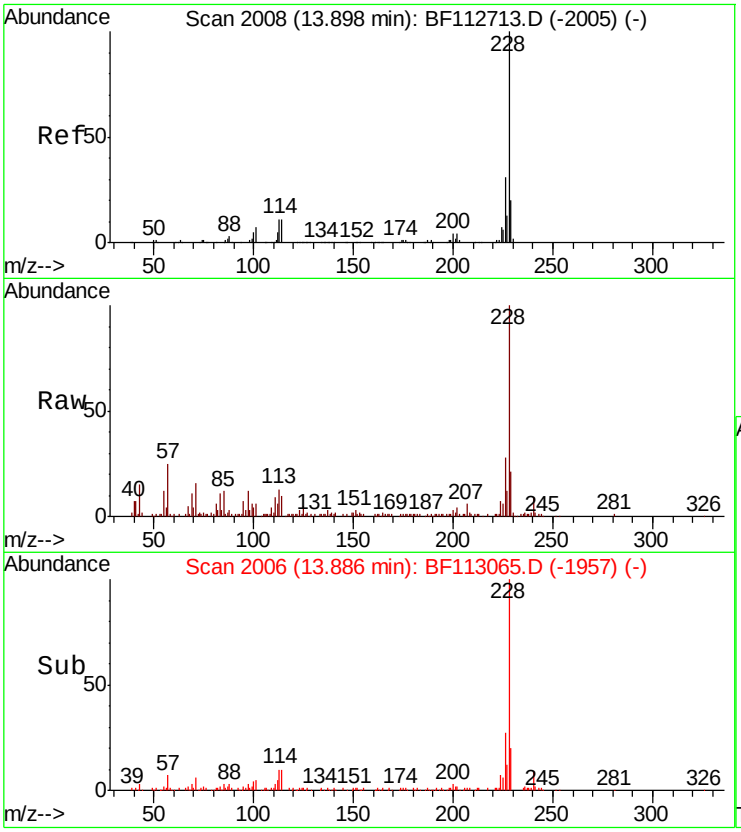


#79
Terphenyl-d14
Concen: 67.618 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF113065.D
Acq: 15 Mar 2019 14:58

Tgt Ion:244 Resp: 1544848

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	11.7	10.5	15.7



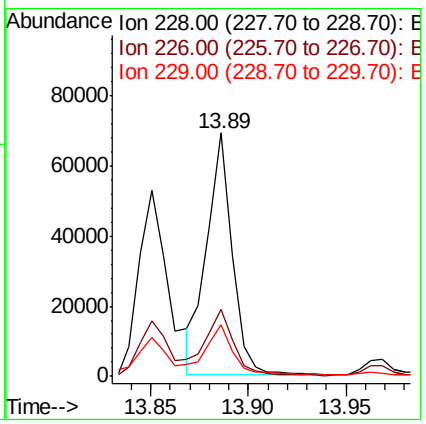


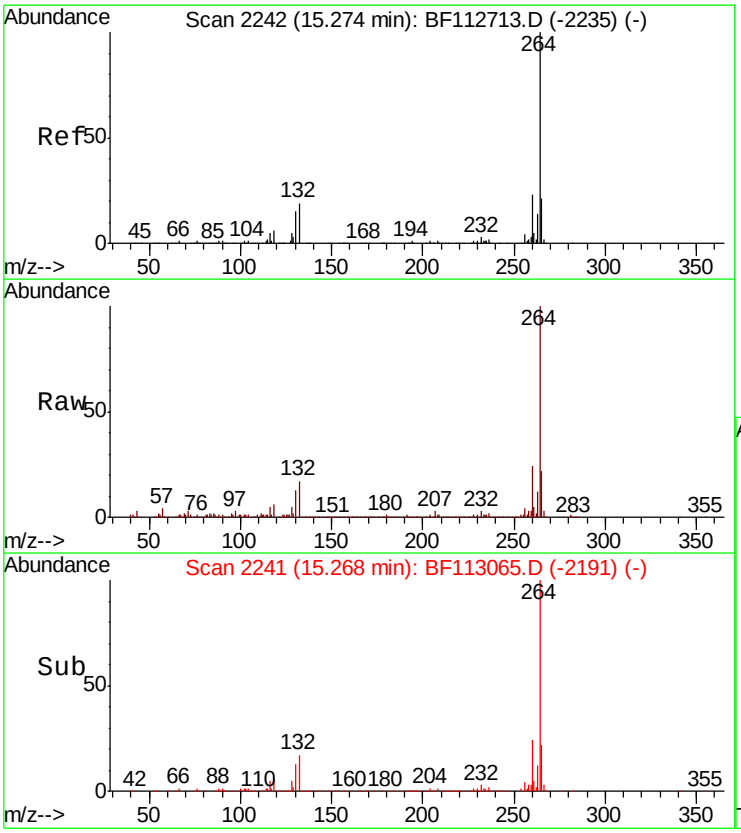
#83
Chrysene
Concen: 2.106 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF113065.D
Acq: 15 Mar 2019 14:58

Instrument :
BNA_F
ClientSampleId :
RBR200036

Tgt Ion:228 Resp: 63325

Ion	Ratio	Lower	Upper
228	100		
226	27.6	24.9	37.3
229	21.1	16.3	24.5

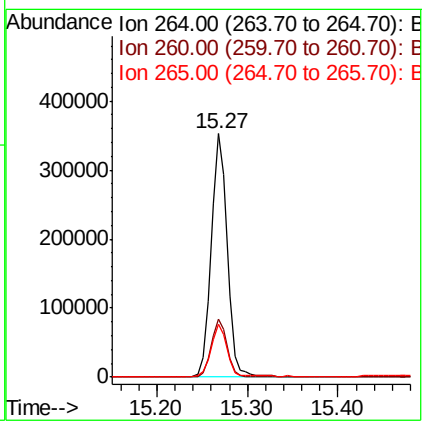


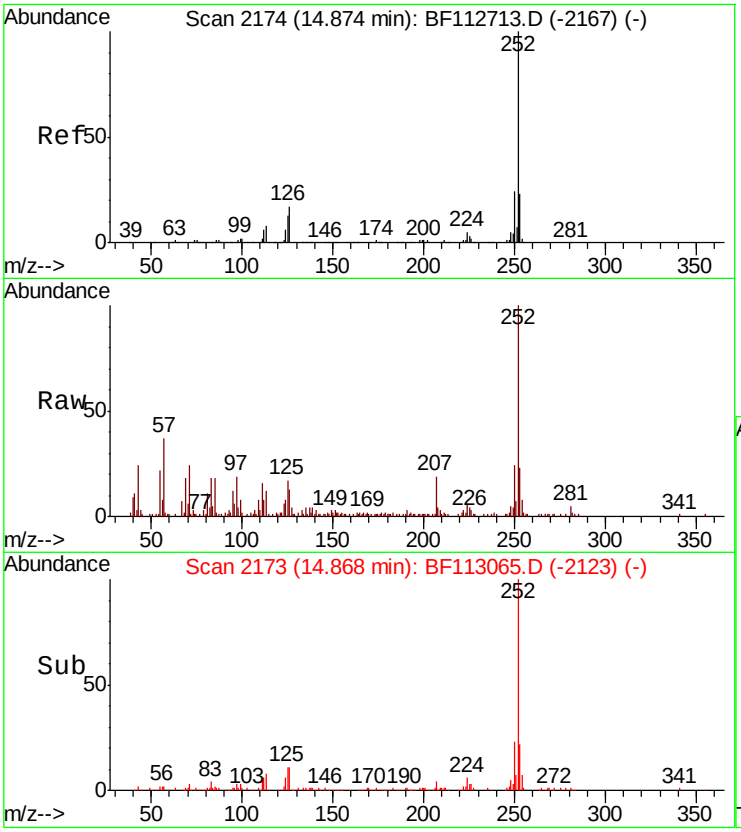


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF113065.D
Acq: 15 Mar 2019 14:58

Tgt Ion:264 Resp: 434875

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.6	17.2	25.8



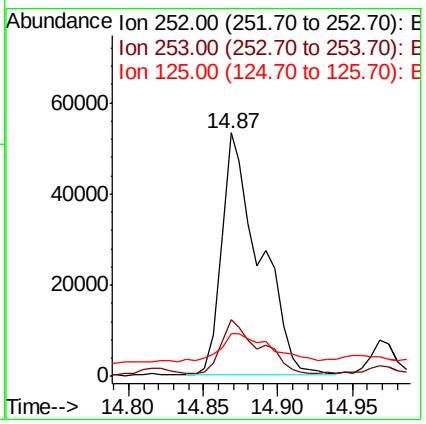


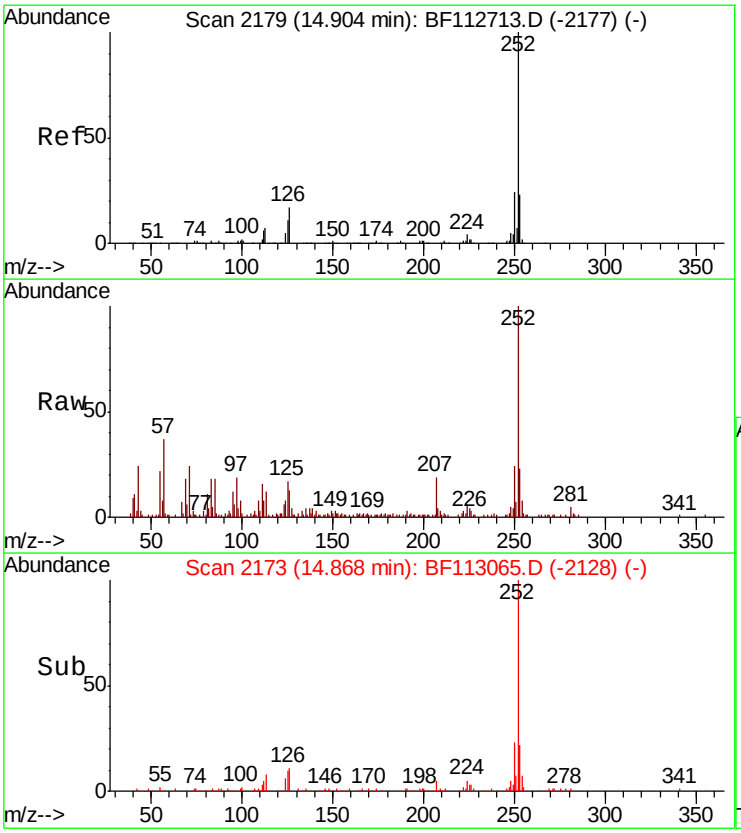
#88
Benzo(b)fluoranthene
Concen: 3.346 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF113065.D
Acq: 15 Mar 2019 14:58

Instrument :
BNA_F
ClientSampleId :
RBR200036

Tgt Ion:252 Resp: 94111

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	17.3	10.2	15.2#





#89
Benzo(k)fluoranthene
Concen: 3.694 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.04 min
Lab File: BF113065.D
Acq: 15 Mar 2019 14:58

Tgt Ion:252 Resp: 94111

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	17.3	9.8	14.6#