Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062818\
Data File : BF106934.D
Acq On : 28 Jun 2018 21:23
Operator : JU/SJ
Sample : J3242-09 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-062618-E

Quant Time: Jun 29 01:11:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	67178	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	232291	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	89331	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	146049	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	200648	20.00	ng		-0.02
86) Perylene-d12	15.68	264	193049	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	217524	54.83	ng		-0.01
7) Phenol-d6	6.59	99	266096	53.71	ng		-0.02
23) Nitrobenzene-d5	7.51	82	153983	36.84	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	55781	53.88	ng		-0.01
44) 2-Fluorobiphenyl	9.31	172	275909	45.41	ng		-0.02
78) Terphenyl-d14	13.07	244	299015	36.10	ng		-0.01
Target Compounds							Qvalue
25) Isophorone	7.51	82	152808	20.746	ng	#	65
32) Benzoic acid	8.02	122	126	5.780	ng	#	24
49) Dimethylphthalate	9.70	163	51627	7.706	ng	#	85
53) 2,4-Dinitrophenol	10.17	184	111	5.493	ng	#	1
61) 4-Nitroaniline	10.45	138	4025	2.484	ng		87
70) Phenanthrene	11.51	178	28103	3.990	ng	#	88
74) Fluoranthene	12.71	202	72974	9.399	ng		95
77) Pyrene	12.94	202	90602	6.848	ng		97
80) Benzo(a)anthracene	14.13	228	56039	4.582	ng	#	95
82) Chrysene	14.13	228	56039	4.981	ng		94
85) Indeno(1,2,3-cd)pyrene	17.24	276	34922	3.658	ng	#	87
87) Benzo(b)fluoranthene	15.22	252	126171	10.521	ng		96
88) Benzo(k)fluoranthene	15.22	252	126171	11.048	ng		96
89) Benzo(a)pyrene	15.61	252	66881	6.274	ng		95
91) Benzo(g,h,i)perylene	17.72	276	35603	4.032	ng	#	89

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062818\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-E

Quant Time: Jun 29 01:11:24 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
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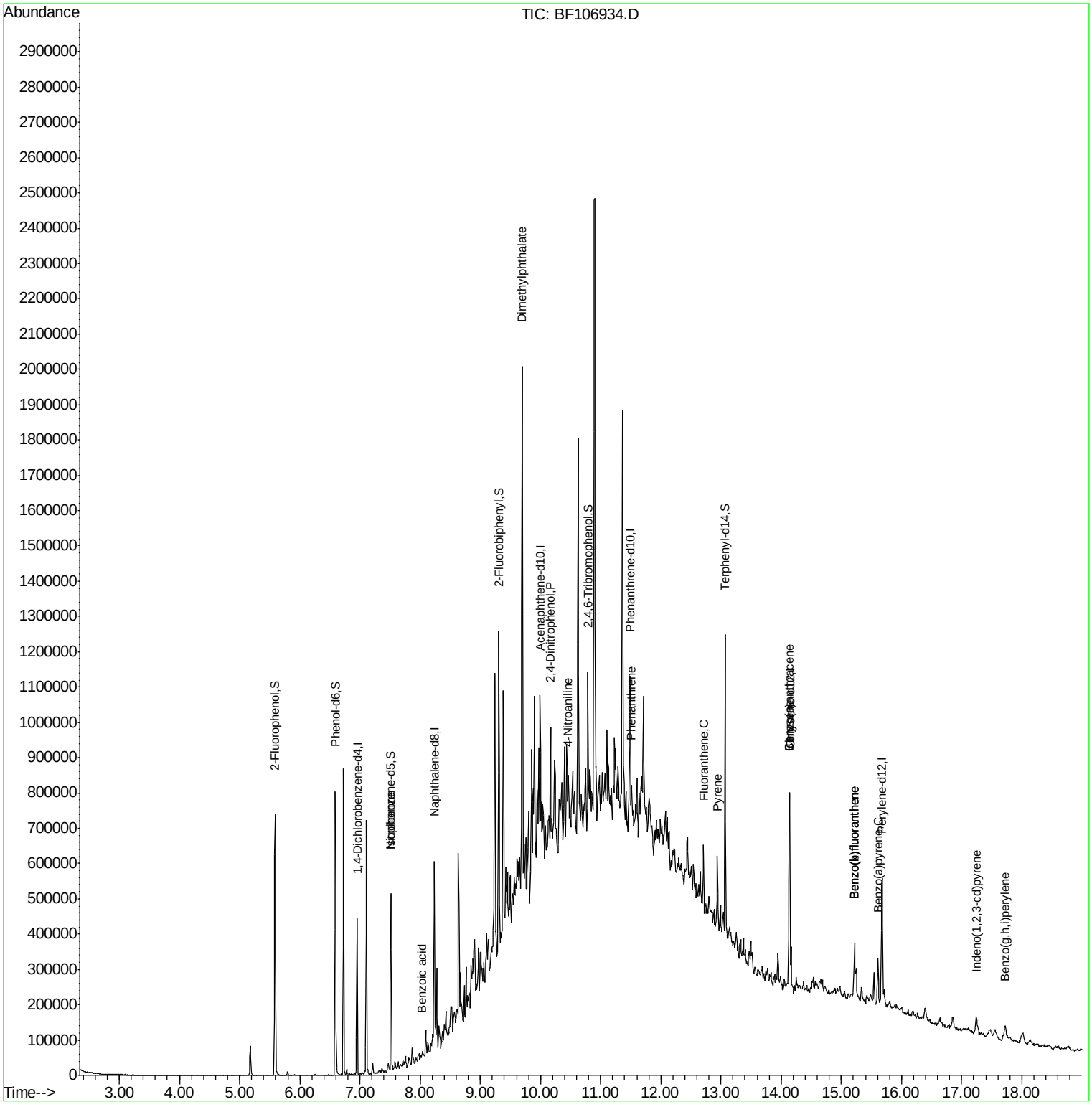
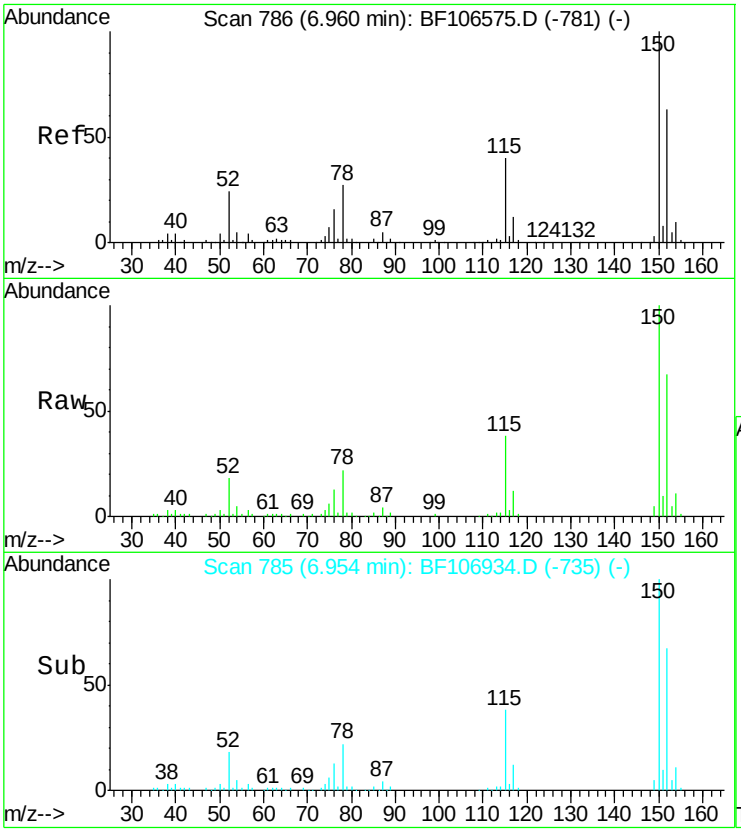


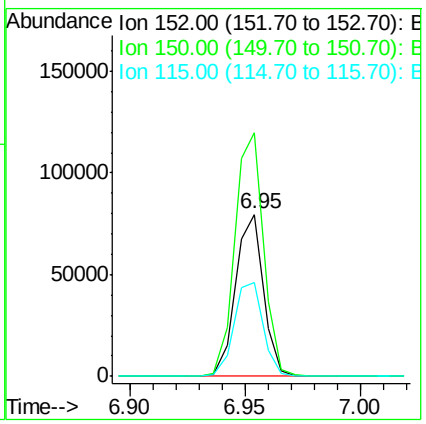


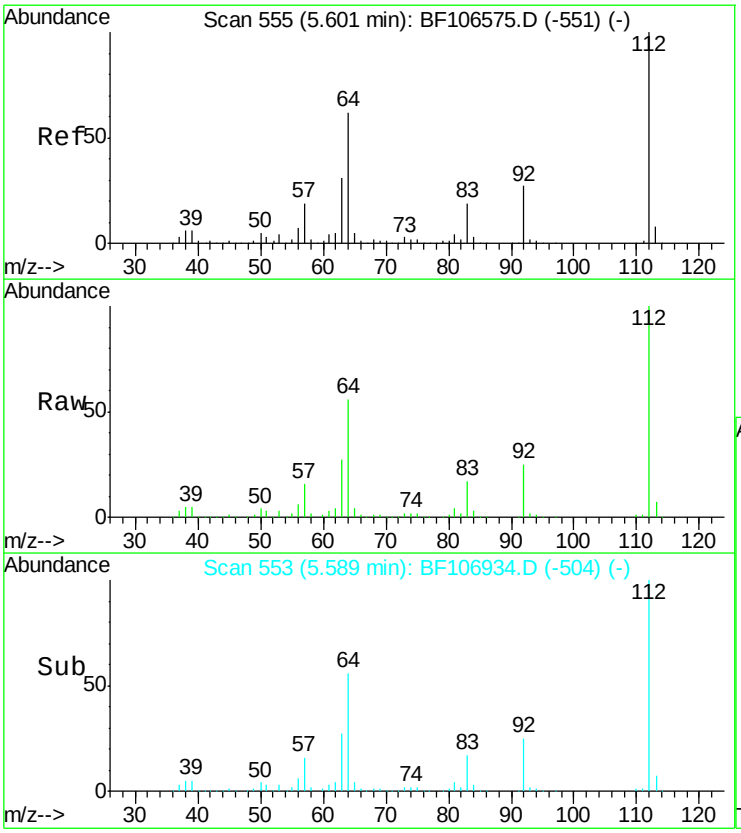
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106934.D
Acq: 28 Jun 2018 21:23

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-E

Tgt Ion:152 Resp: 67178

Ion	Ratio	Lower	Upper
152	100		
150	150.2	124.6	186.8
115	57.6	50.1	75.1

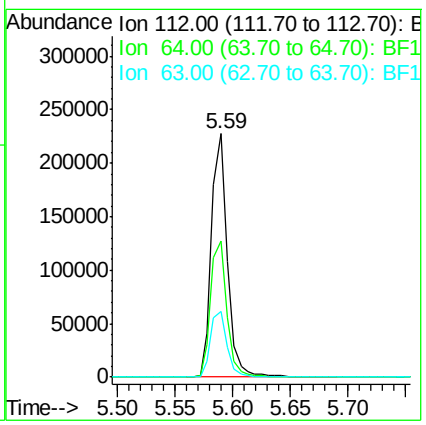


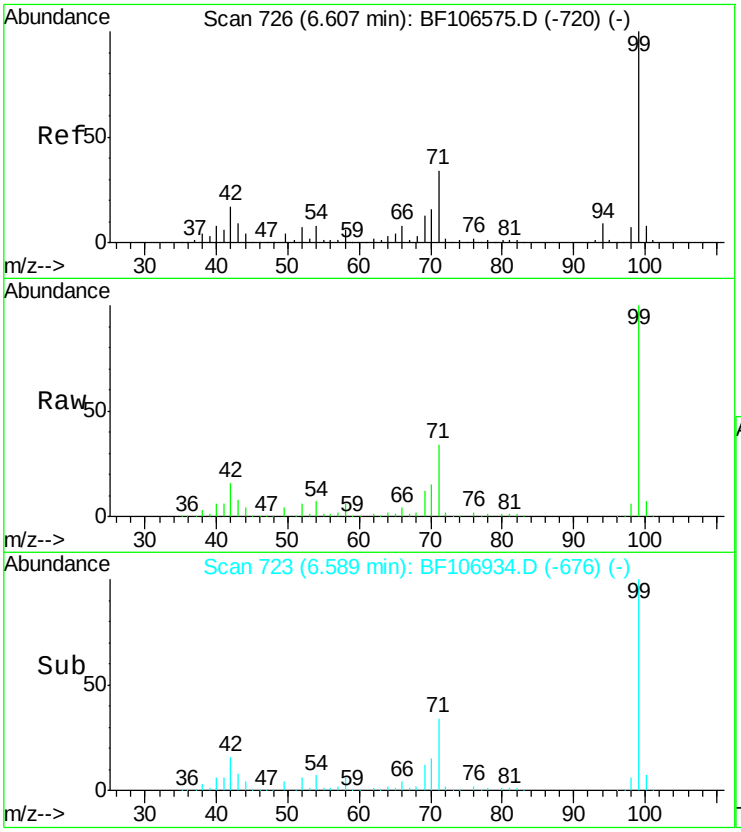


#5
2-Fluorophenol
Concen: 54.830 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106934.D
Acq: 28 Jun 2018 21:23

Tgt Ion:112 Resp: 217524

Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.9	71.9
63	27.0	23.7	35.5



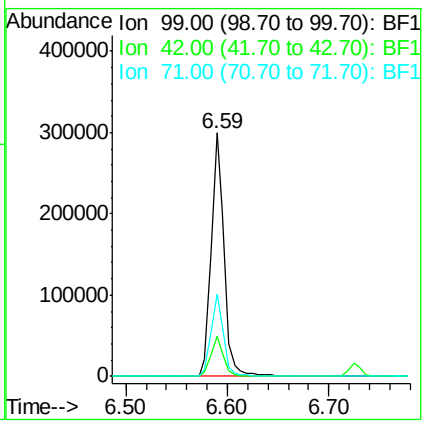


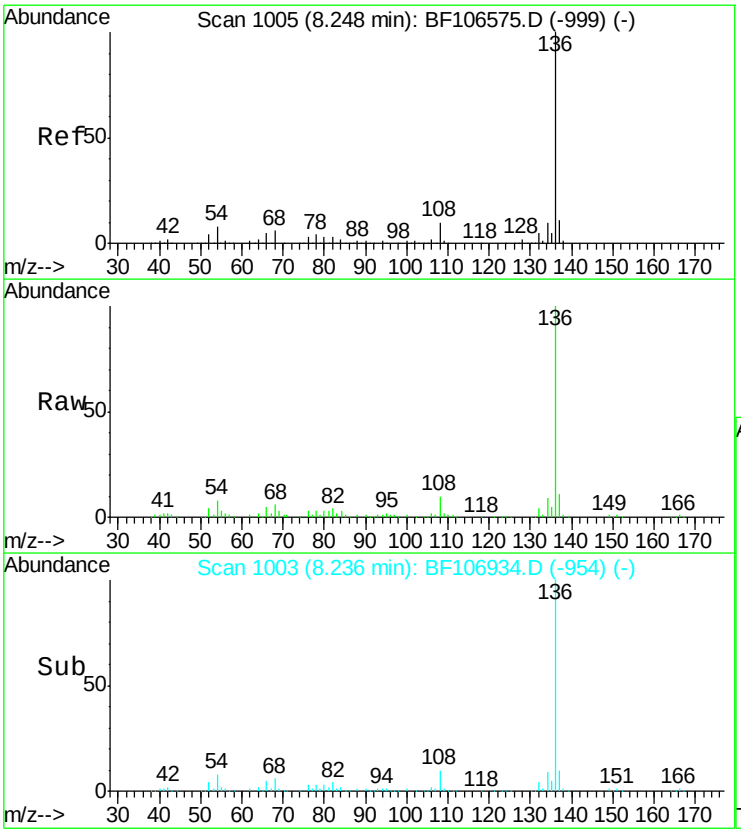
#7
Phenol-d6
Concen: 53.710 ng
RT: 6.59 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF106934.D
Acq: 28 Jun 2018 21:23

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-E

Tgt Ion: 99 Resp: 266096

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.5	21.7
71	33.7	25.4	38.0

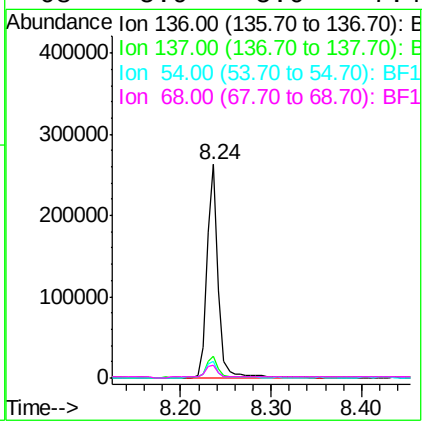


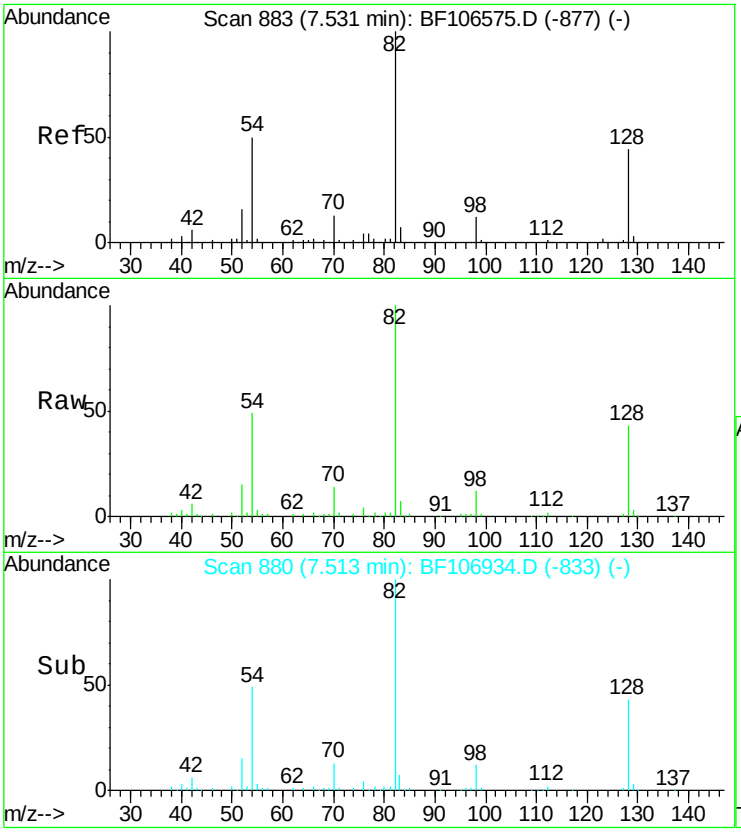


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106934.D
Acq: 28 Jun 2018 21:23

Tgt Ion:136 Resp: 232291

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.5	6.6	9.8
68	5.9	5.0	7.4



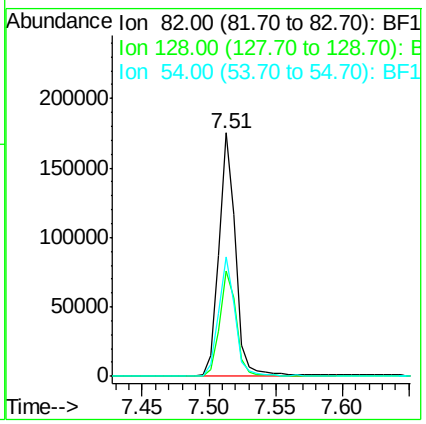


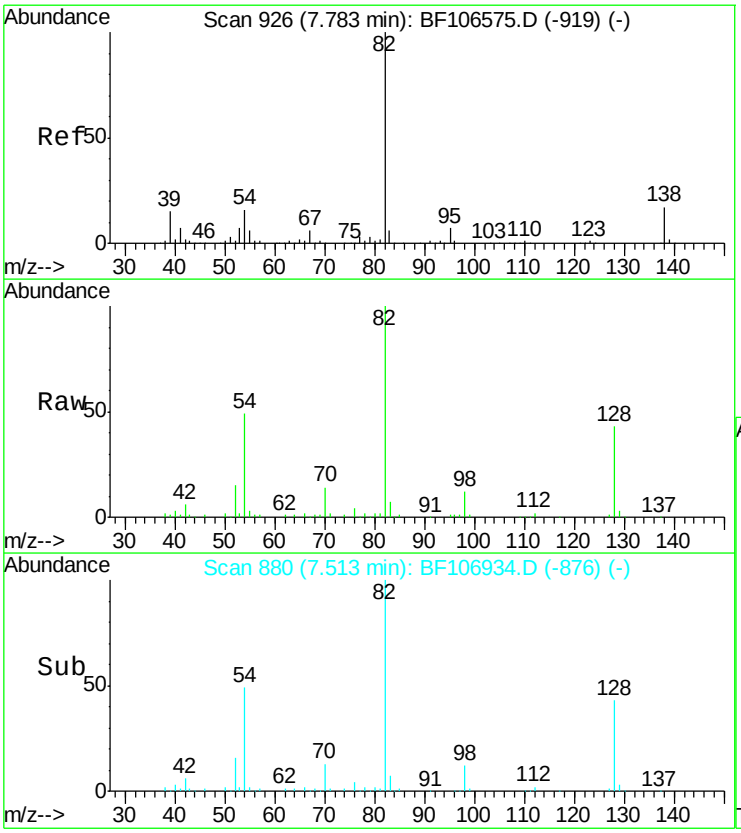
#23
Nitrobenzene-d5
Concen: 36.839 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF106934.D
Acq: 28 Jun 2018 21:23

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-E

Tgt Ion: 82 Resp: 153983

Ion	Ratio	Lower	Upper
82	100		
128	43.3	36.1	54.1
54	49.1	41.4	62.2

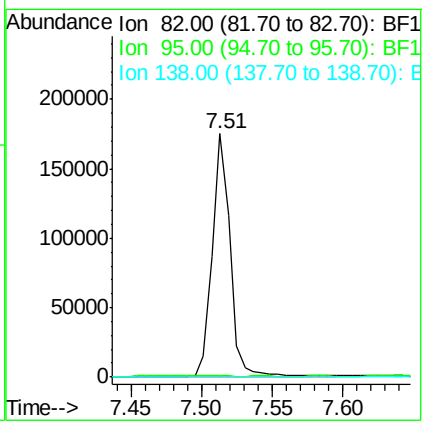


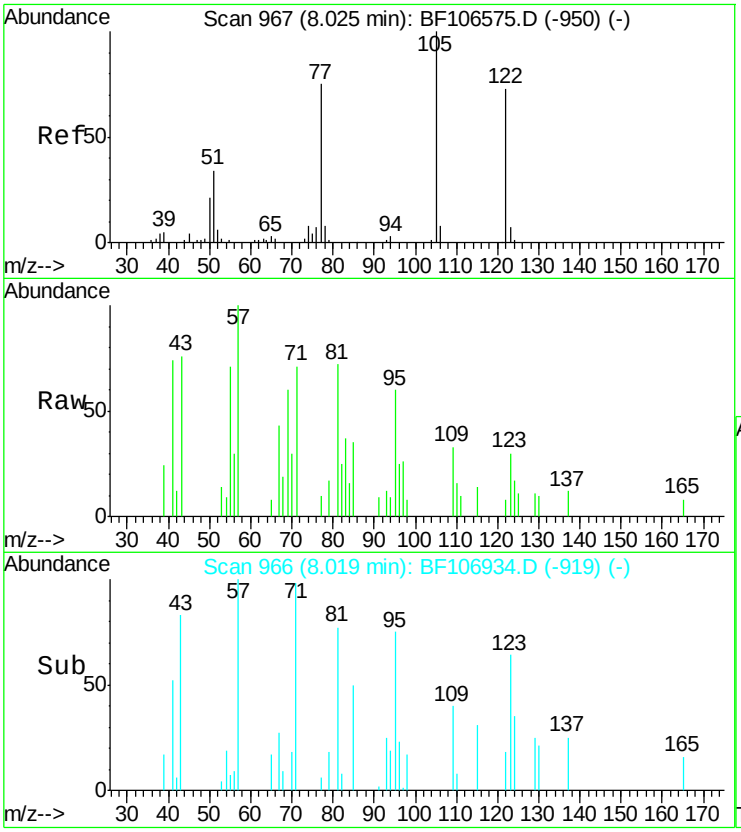


#25
Isophorone
Concen: 20.746 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF106934.D
Acq: 28 Jun 2018 21:23

Tgt Ion: 82 Resp: 152808

Ion	Ratio	Lower	Upper
82	100		
95	0.5	5.2	7.8#
138	0.0	14.9	22.3#



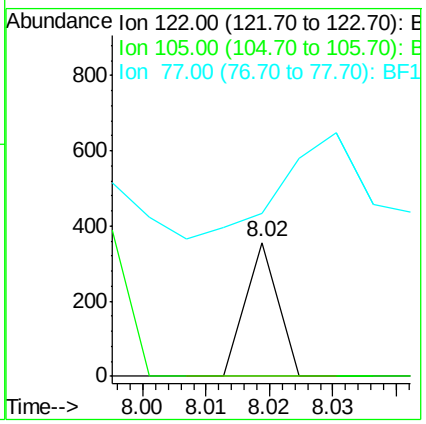


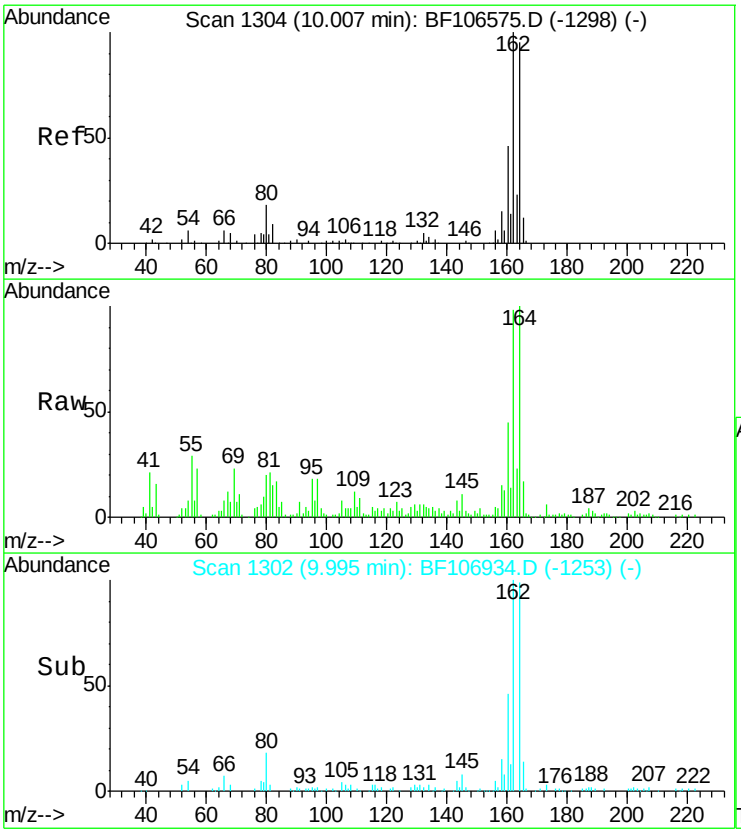
#32
Benzoic acid
Concen: 5.780 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF106934.D
Acq: 28 Jun 2018 21:23

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-E

Tgt Ion:122 Resp: 126

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	121.6	70.7	110.7#

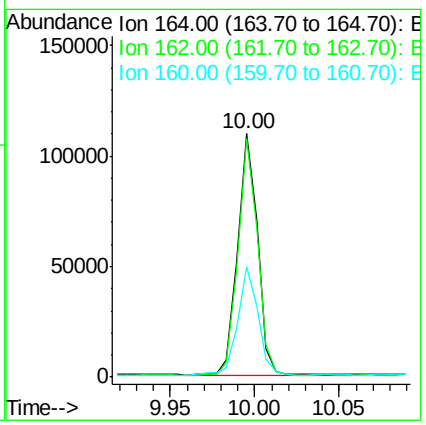


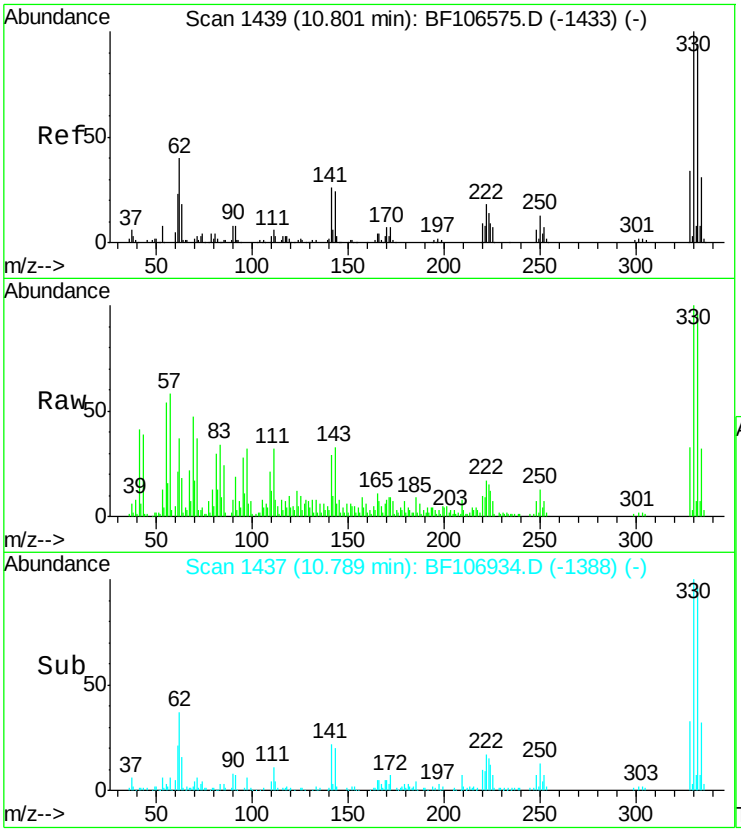


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106934.D
Acq: 28 Jun 2018 21:23

Tgt Ion:164 Resp: 89331

Ion	Ratio	Lower	Upper
164	100		
162	97.8	86.1	129.1
160	45.3	38.3	57.5



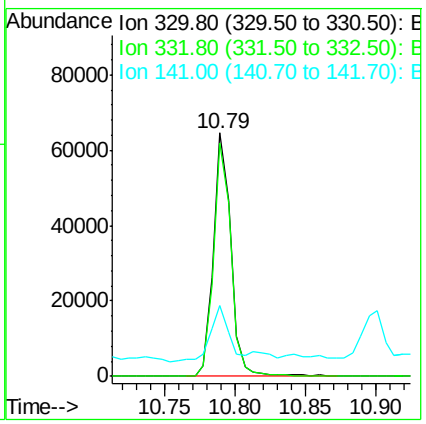


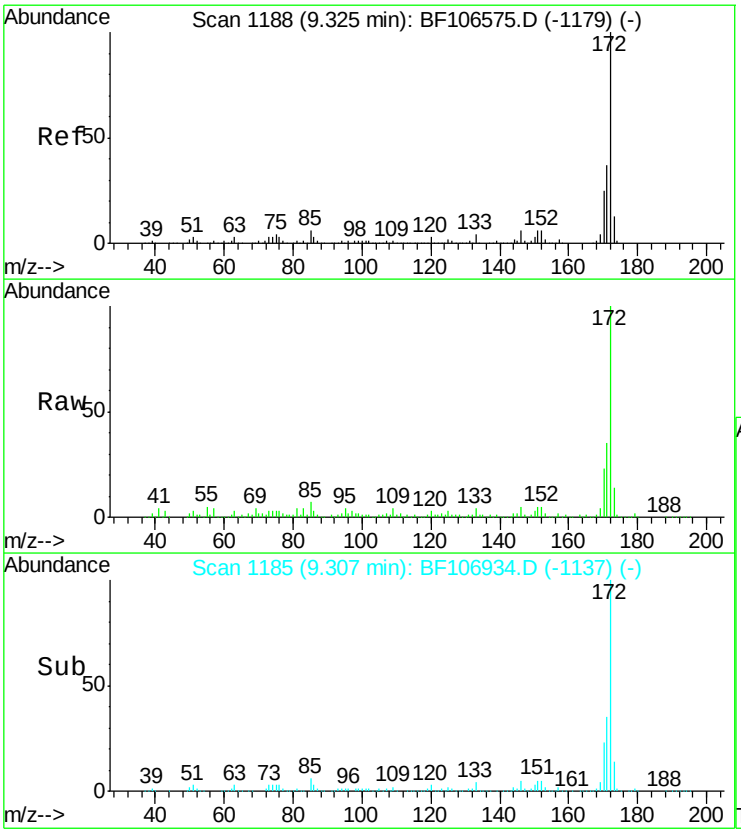
#41
2,4,6-Tribromophenol
Concen: 53.875 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF106934.D
Acq: 28 Jun 2018 21:23

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-E

Tgt Ion:330 Resp: 55781

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	24.9	29.9	44.9#

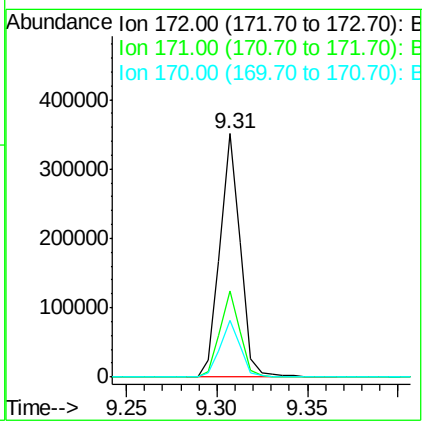


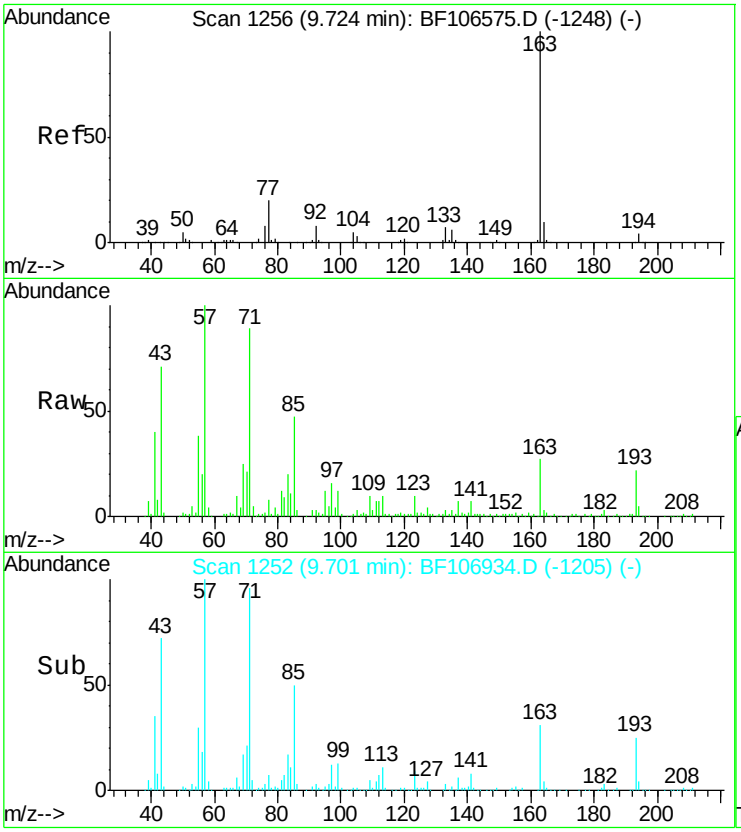


#44
2-Fluorobiphenyl
Concen: 45.408 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF106934.D
Acq: 28 Jun 2018 21:23

Tgt Ion:172 Resp: 275909

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.2	19.6	29.4



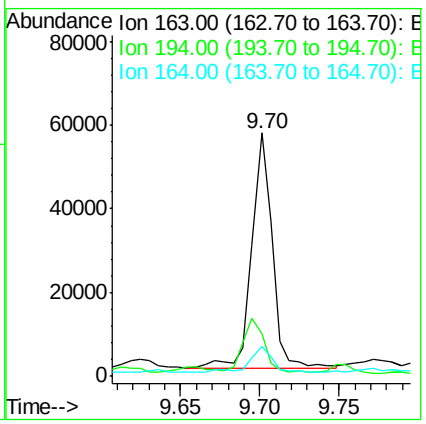


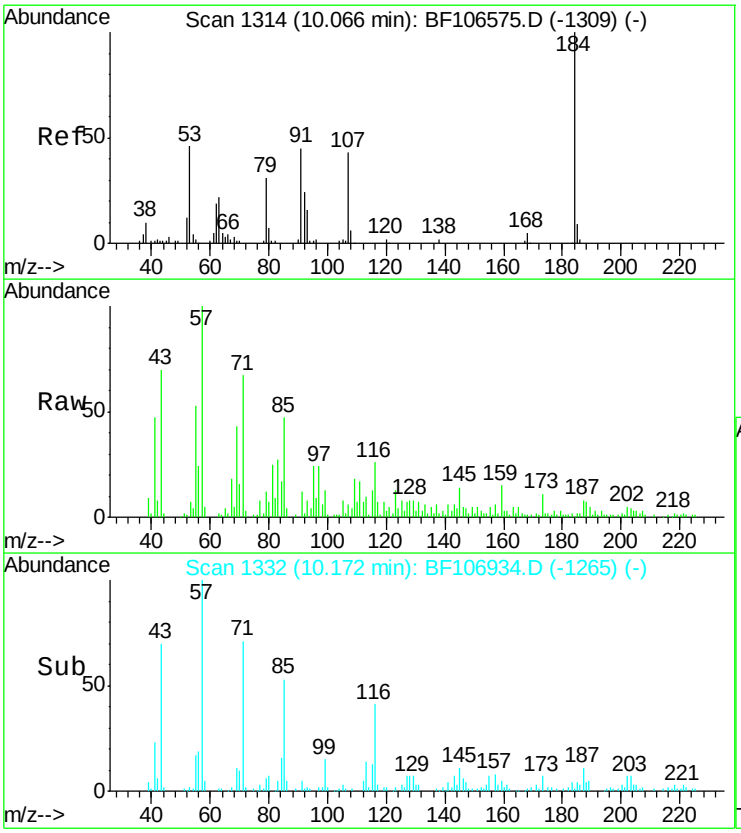
#49
Dimethylphthalate
Concen: 7.706 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106934.D
Acq: 28 Jun 2018 21:23

Instrument : BNA_F
ClientSampleId : JC-02-062618-E

Tgt Ion:163 Resp: 51627

Ion	Ratio	Lower	Upper
163	100		
194	17.7	2.7	4.1#
164	12.2	8.2	12.2

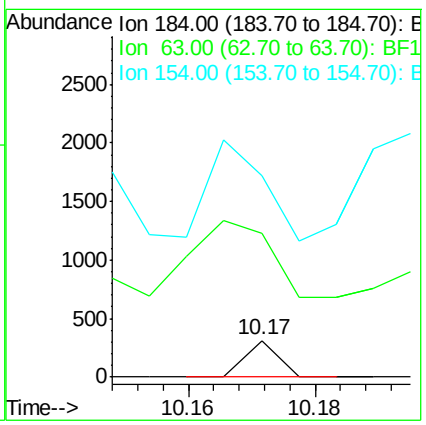


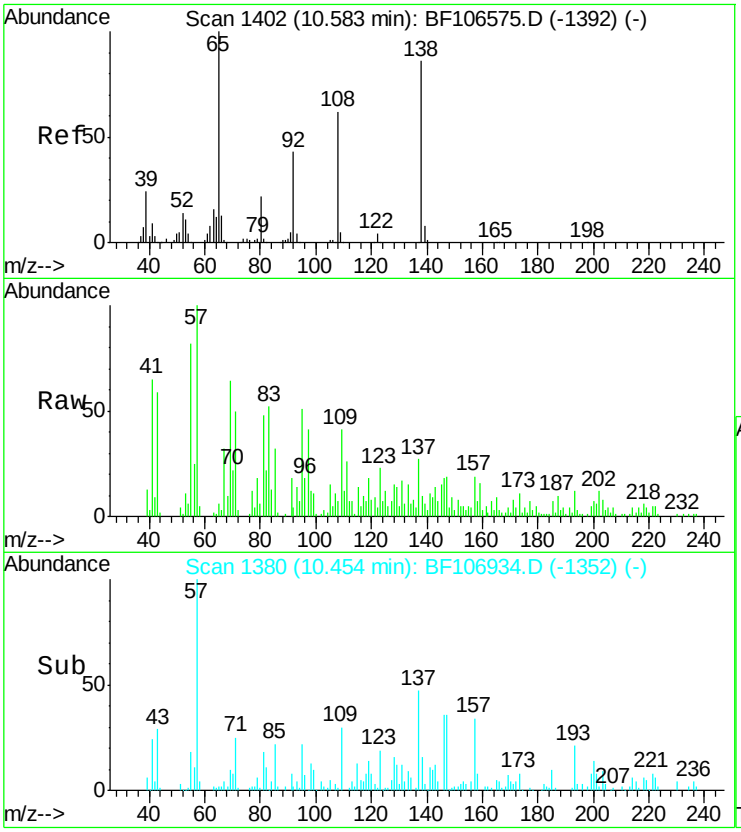


#53
2,4-Dinitrophenol
Concen: 5.493 ng
RT: 10.17 min Scan# 1332
Delta R.T. 0.09 min
Lab File: BF106934.D
Acq: 28 Jun 2018 21:23

Tgt Ion:184 Resp: 111

Ion	Ratio	Lower	Upper
184	100		
63	389.5	54.2	81.2#
154	547.6	184.0	276.0#



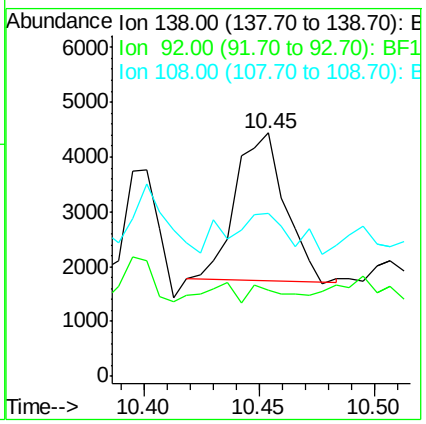


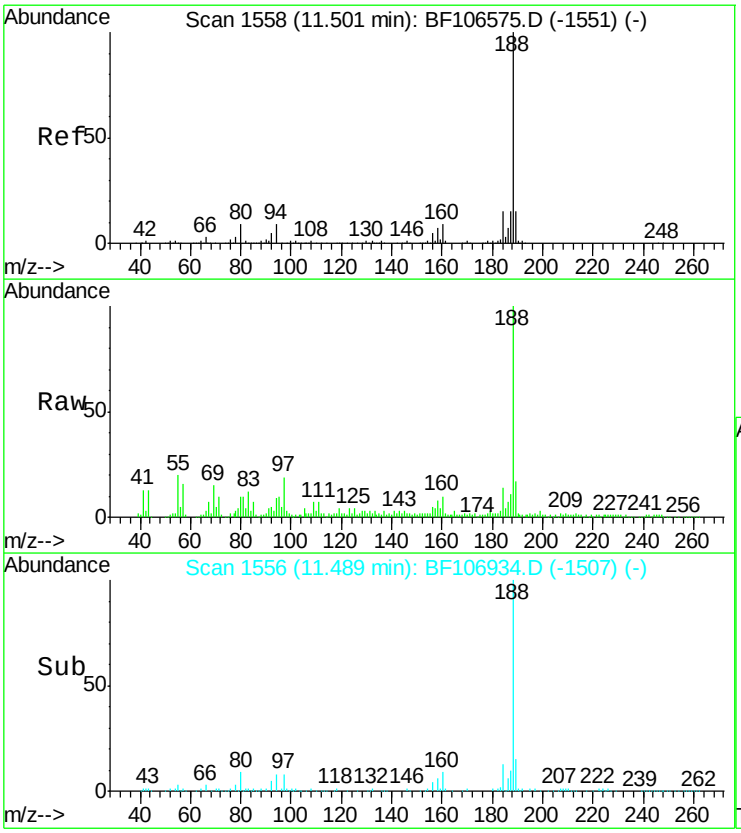
#61
4-Nitroaniline
Concen: 2.484 ng
RT: 10.45 min Scan# 1380
Delta R.T. -0.14 min
Lab File: BF106934.D
Acq: 28 Jun 2018 21:23

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-E

Tgt Ion:138 Resp: 4025

Ion	Ratio	Lower	Upper
138	100		
92	35.5	30.2	70.2
108	66.8	52.5	92.5

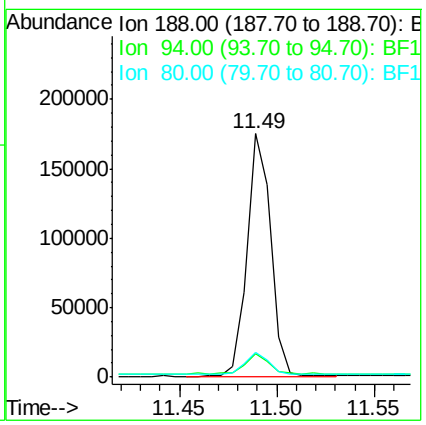


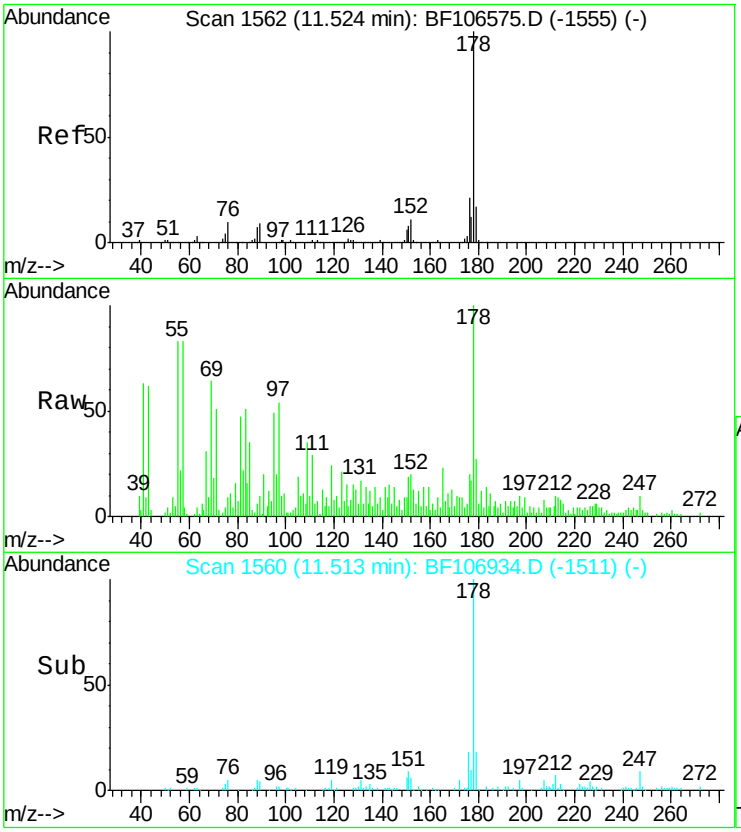


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106934.D
Acq: 28 Jun 2018 21:23

Tgt Ion:188 Resp: 146049

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	9.9	9.2	13.8



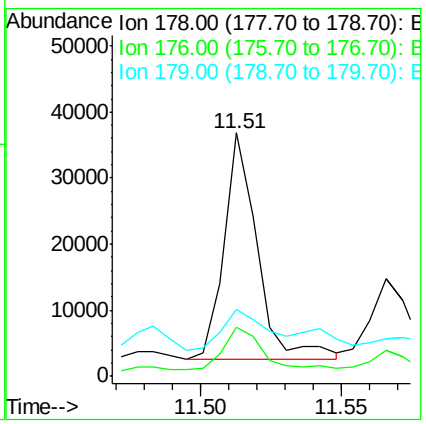


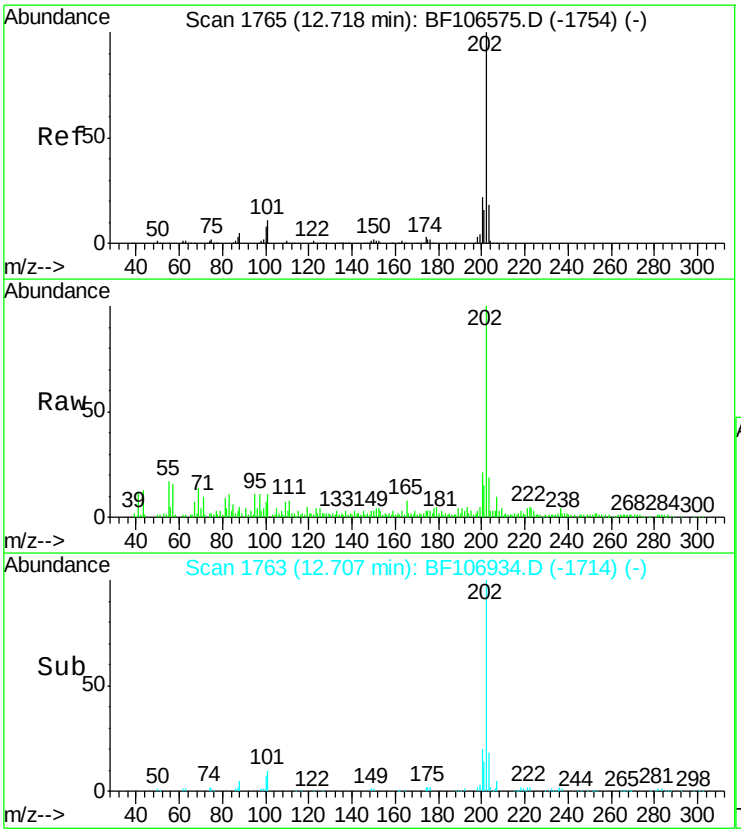
#70
Phenanthrene
Concen: 3.990 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF106934.D
Acq: 28 Jun 2018 21:23

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-E

Tgt Ion:178 Resp: 28103

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	27.5	13.0	19.6#

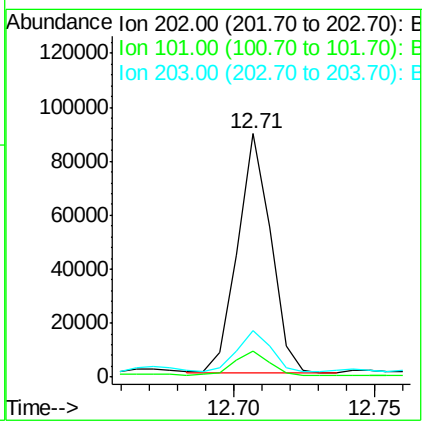


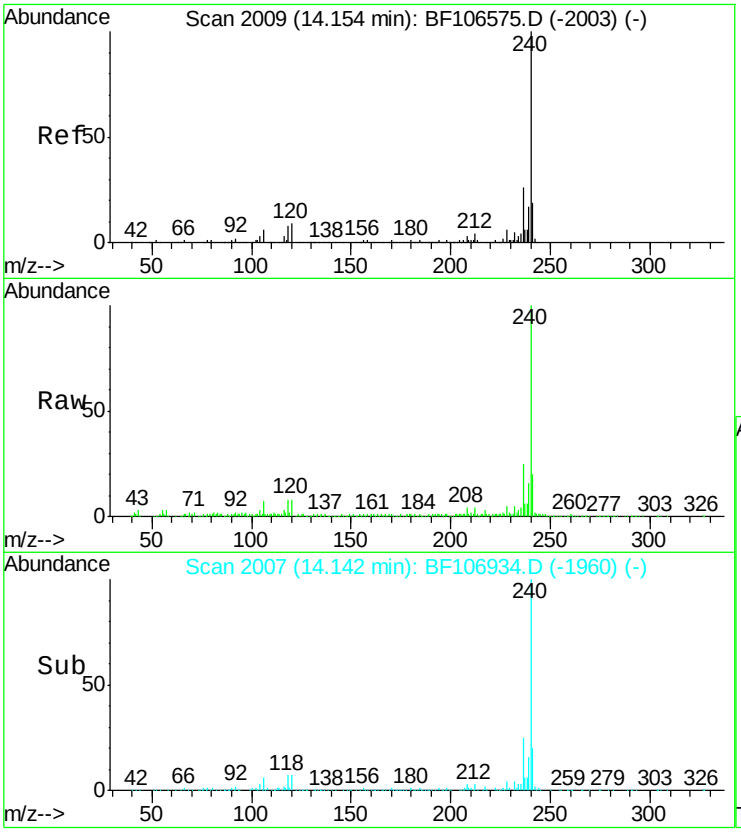


#74
Fluoranthene
Concen: 9.399 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF106934.D
Acq: 28 Jun 2018 21:23

Tgt Ion:202 Resp: 72974

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	34.1
203	19.3	0.0	38.1



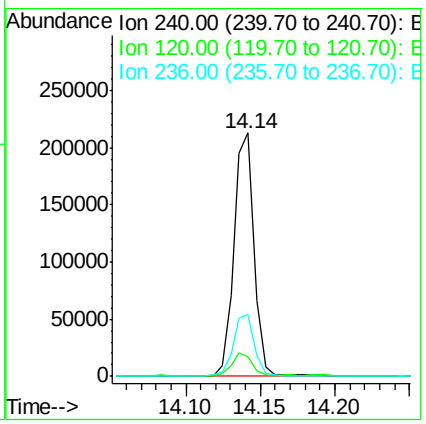


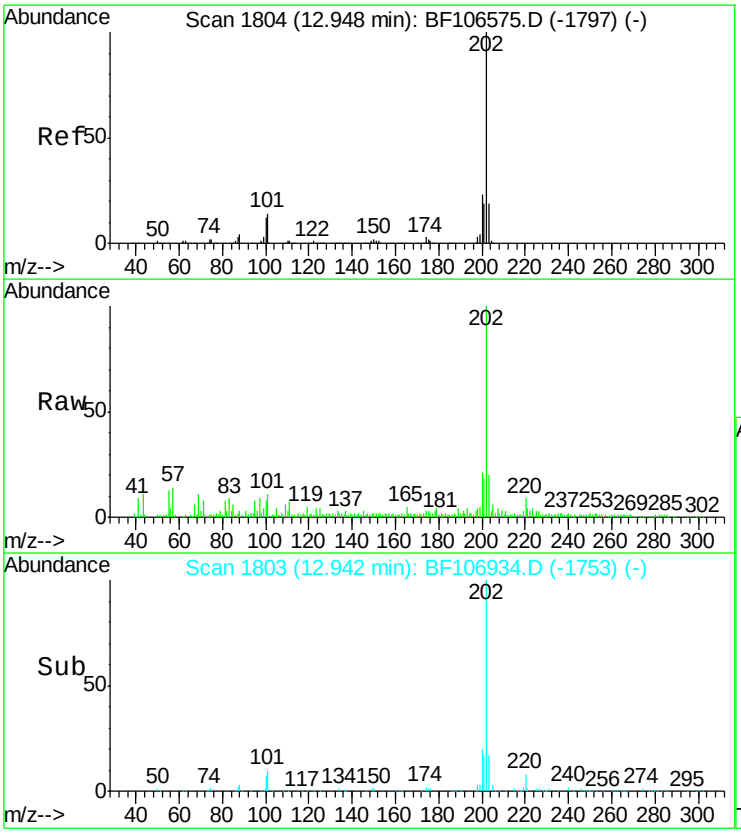
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106934.D
Acq: 28 Jun 2018 21:23

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-E

Tgt Ion:240 Resp: 200648

Ion	Ratio	Lower	Upper
240	100		
120	8.0	9.5	14.3#
236	25.2	20.7	31.1

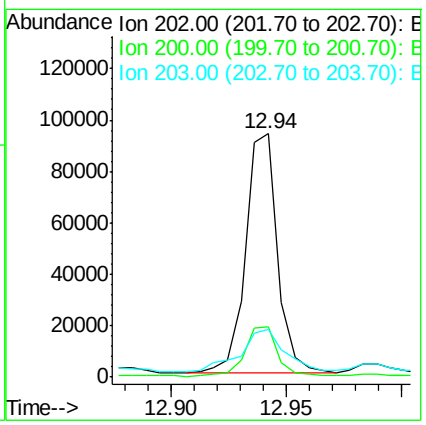


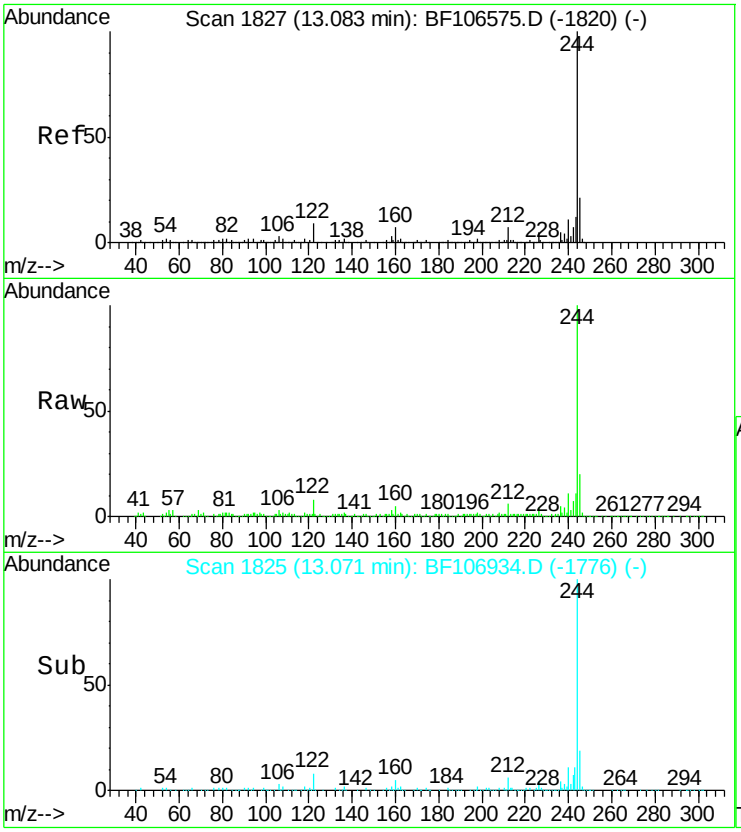


#77
Pyrene
Concen: 6.848 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF106934.D
Acq: 28 Jun 2018 21:23

Tgt Ion:202 Resp: 90602

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	19.7	14.3	21.5



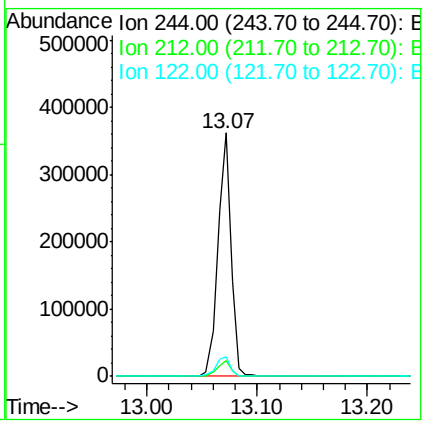


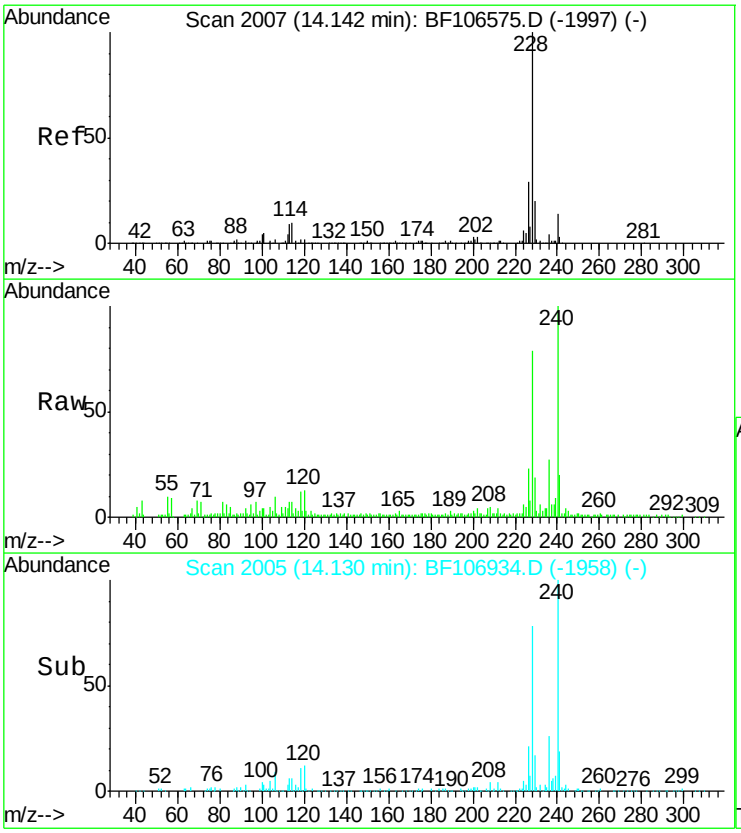
#78
Terphenyl-d14
Concen: 36.098 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF106934.D
Acq: 28 Jun 2018 21:23

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-E

Tgt Ion:244 Resp: 299015

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	8.3	11.0	16.4#

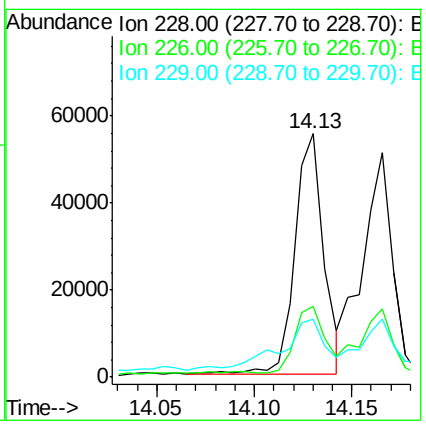


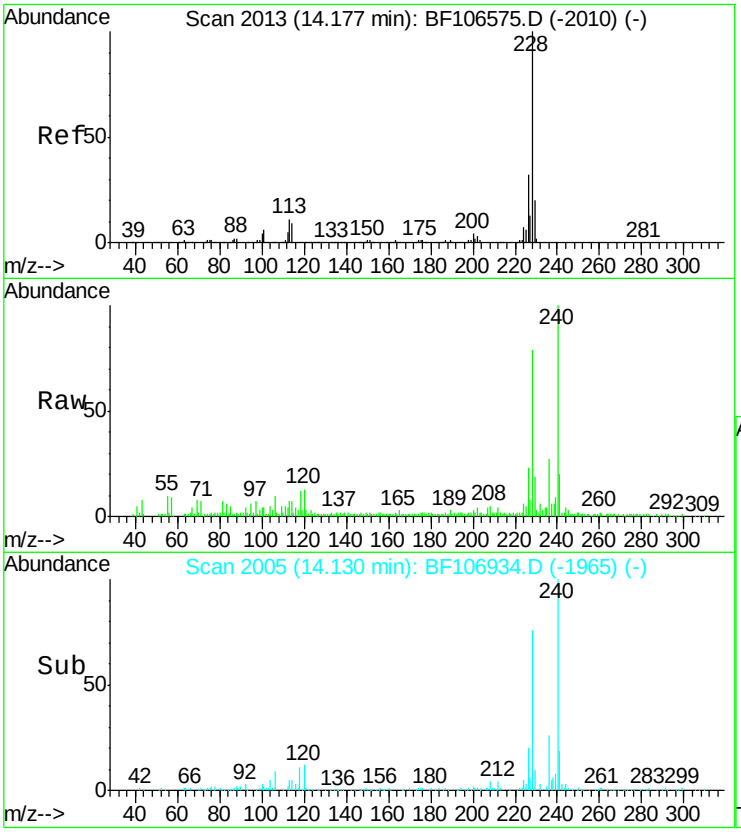


#80
Benzo(a)anthracene
Concen: 4.582 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF106934.D
Acq: 28 Jun 2018 21:23

Tgt Ion:228 Resp: 56039

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	24.1	15.8	23.6#



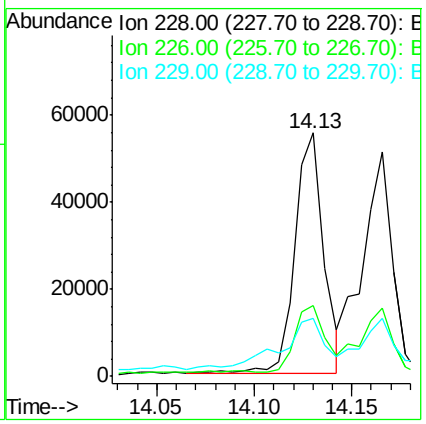


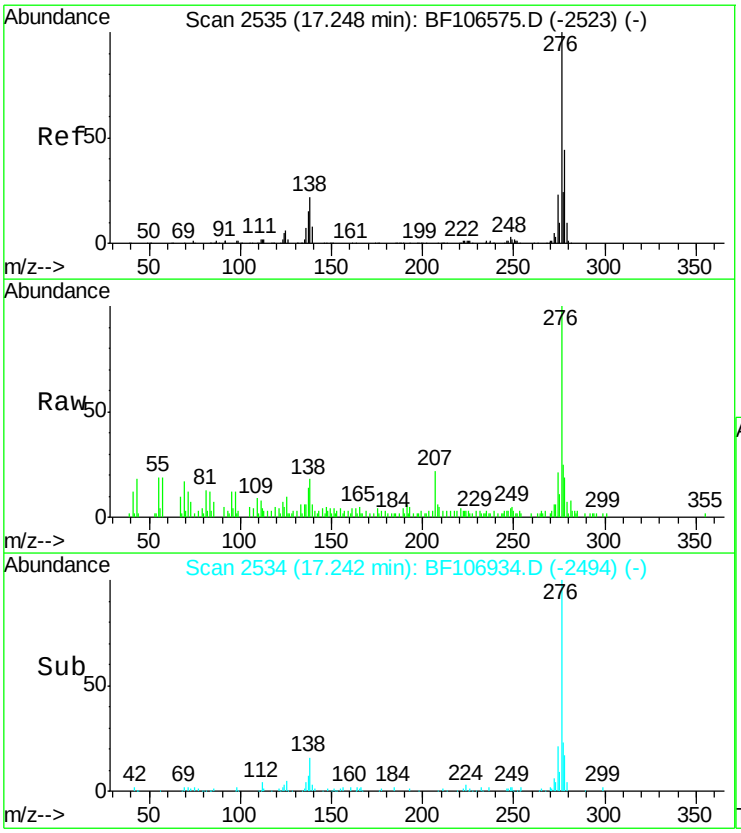
#82
Chrysene
Concen: 4.981 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.06 min
Lab File: BF106934.D
Acq: 28 Jun 2018 21:23

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-E

Tgt Ion:228 Resp: 56039

Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.0	37.6
229	24.1	16.2	24.4

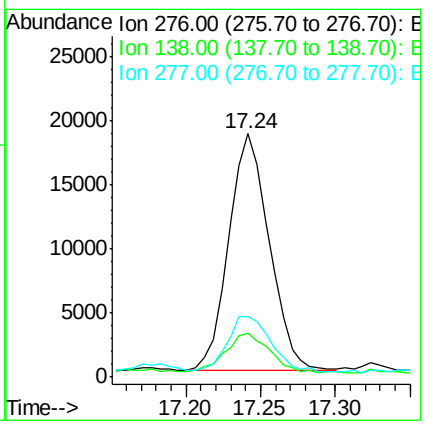


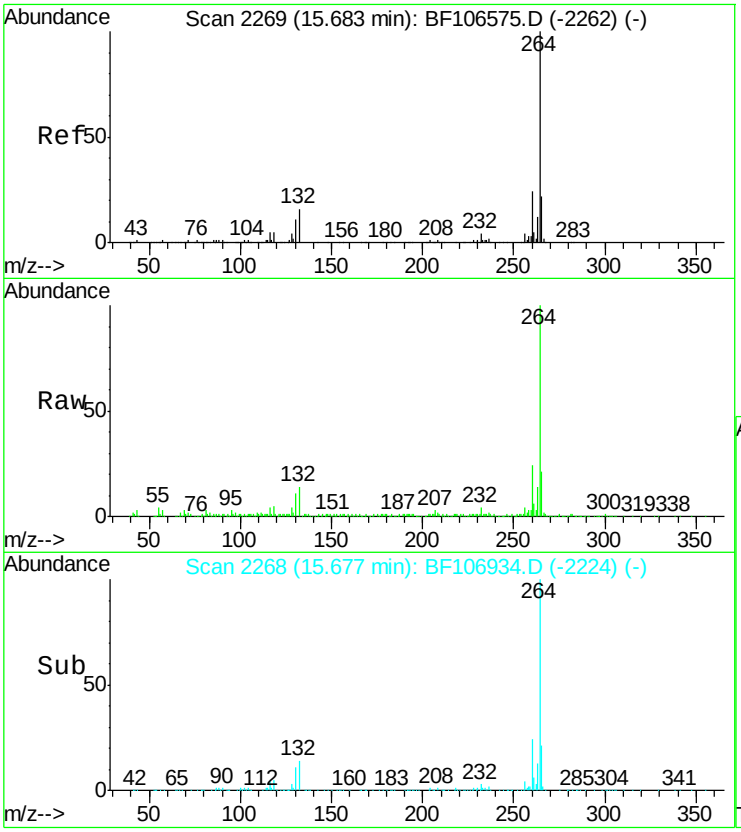


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.658 ng
RT: 17.24 min Scan# 2534
Delta R.T. -0.06 min
Lab File: BF106934.D
Acq: 28 Jun 2018 21:23

Tgt Ion:276 Resp: 34922

Ion	Ratio	Lower	Upper
276	100		
138	19.4	25.0	37.6#
277	24.0	20.1	30.1



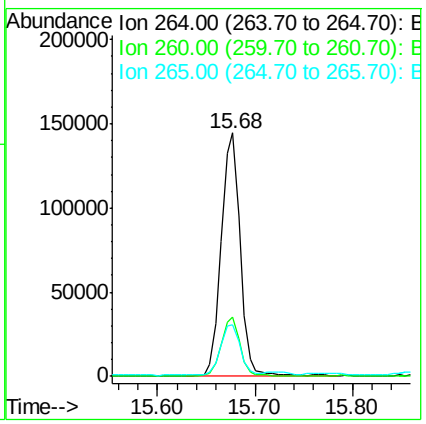


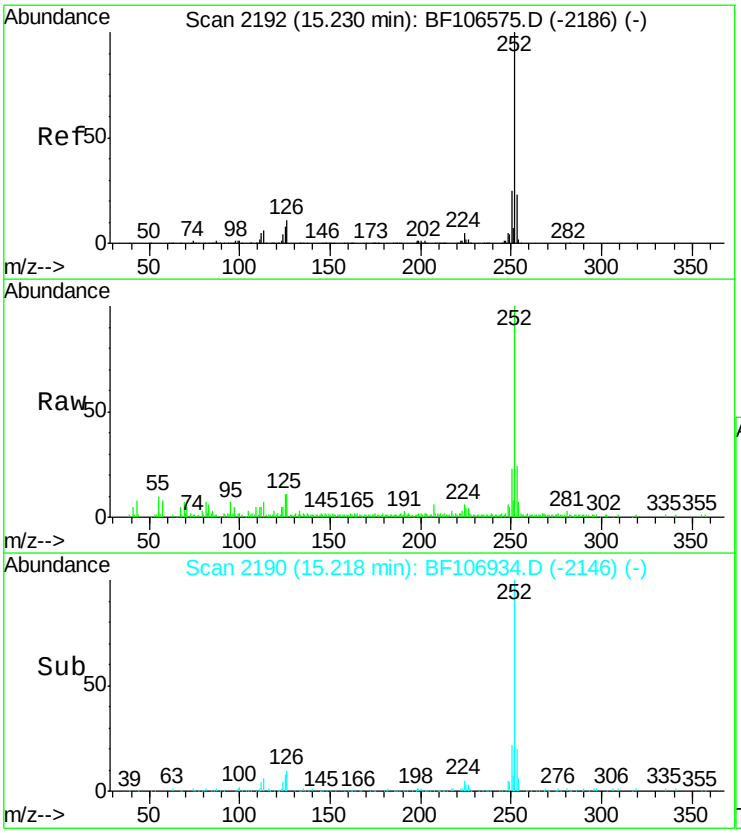
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.04 min
Lab File: BF106934.D
Acq: 28 Jun 2018 21:23

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-E

Tgt Ion:264 Resp: 193049

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.4	17.5	26.3

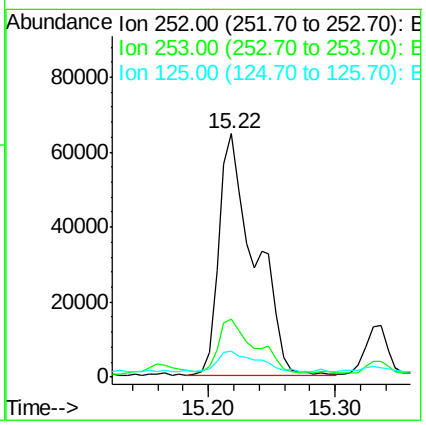


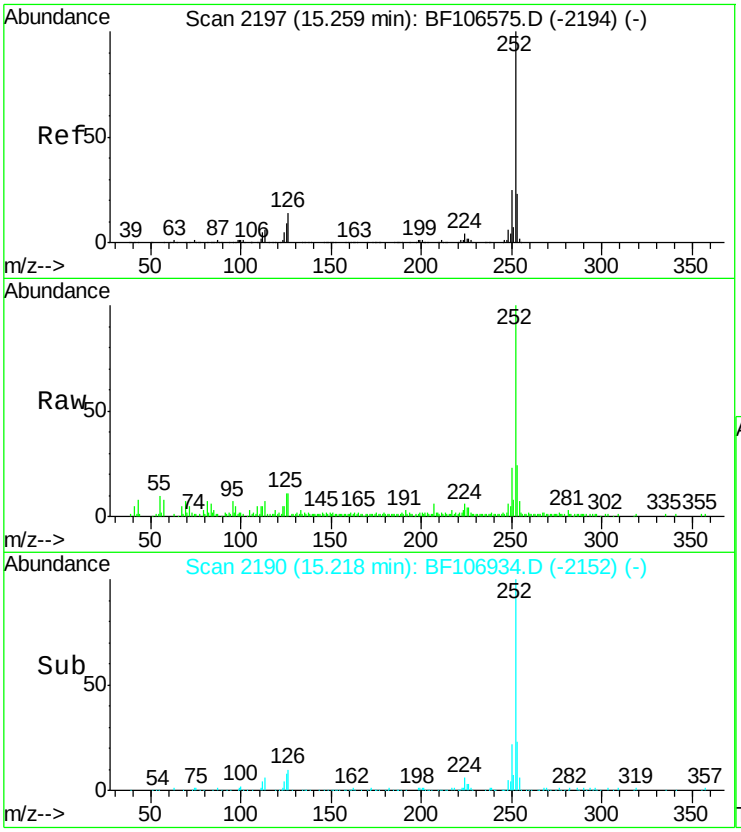


#87
Benzo(b)fluoranthene
Concen: 10.521 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF106934.D
Acq: 28 Jun 2018 21:23

Tgt Ion:252 Resp: 126171

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	10.5	9.0	13.6



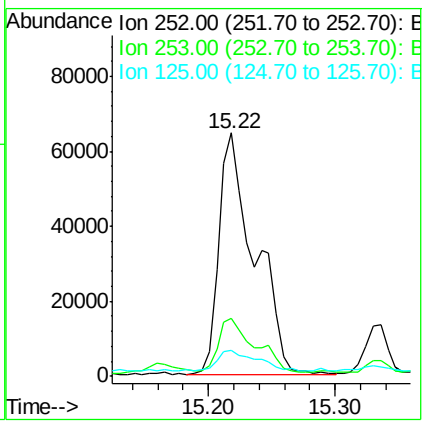


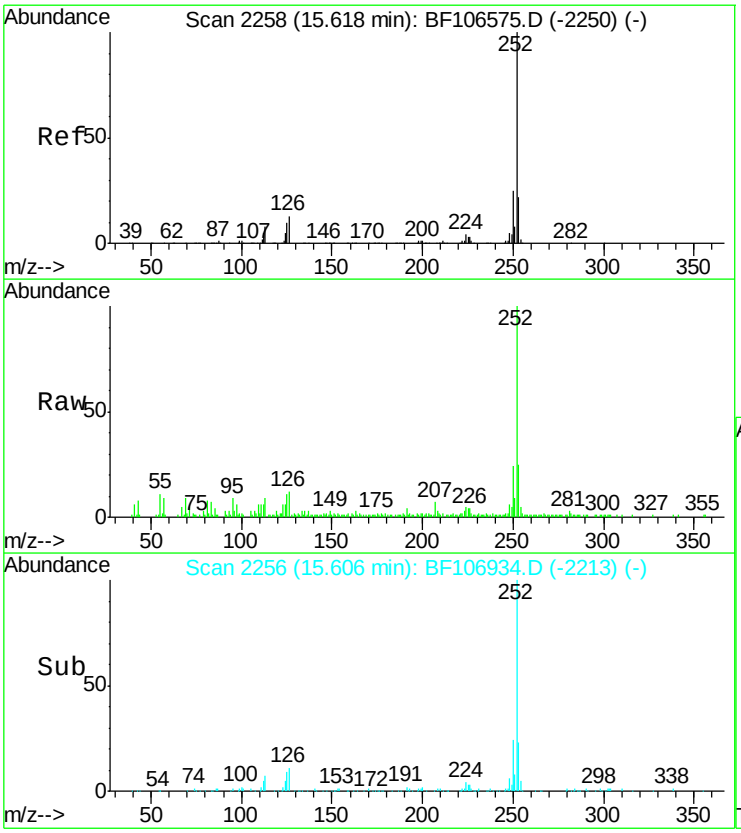
#88
Benzo(k)fluoranthene
Concen: 11.048 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.08 min
Lab File: BF106934.D
Acq: 28 Jun 2018 21:23

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-E

Tgt Ion:252 Resp: 126171

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	10.5	10.2	15.2

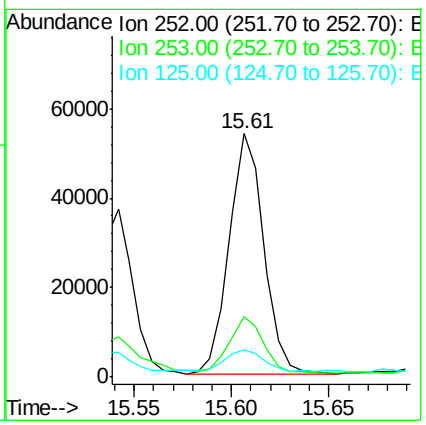


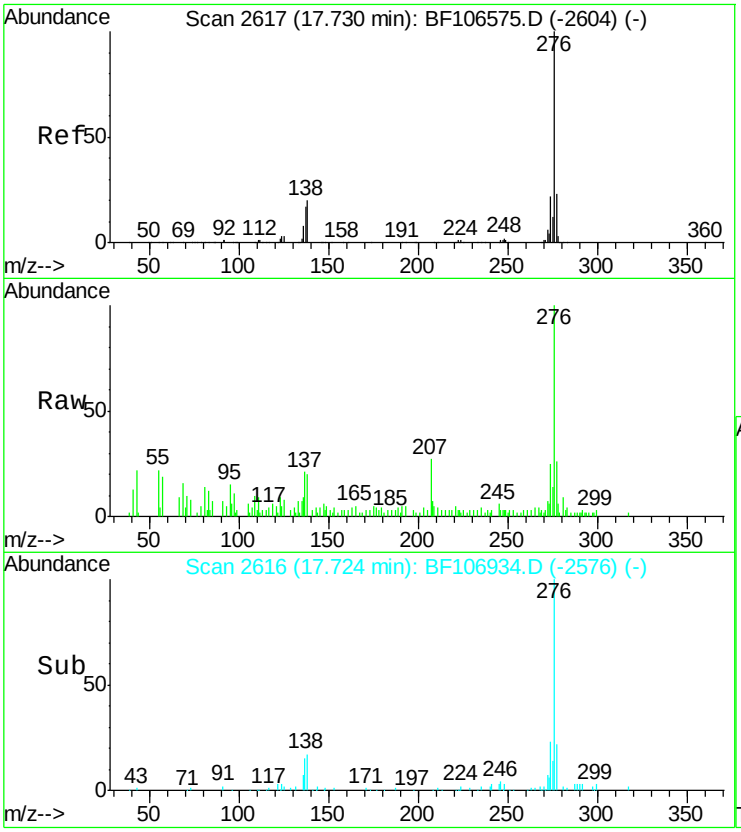


#89
Benzo(a)pyrene
Concen: 6.274 ng
RT: 15.61 min Scan# 2256
Delta R.T. -0.05 min
Lab File: BF106934.D
Acq: 28 Jun 2018 21:23

Tgt Ion:252 Resp: 66881

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.1	25.7
125	11.3	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 4.032 ng
RT: 17.72 min Scan# 2616
Delta R.T. -0.06 min
Lab File: BF106934.D
Acq: 28 Jun 2018 21:23

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-E

Tgt Ion:276 Resp: 35603

Ion	Ratio	Lower	Upper
276	100		
277	26.1	17.9	26.9
138	20.4	21.8	32.8#