Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062818\
Data File : BF106933.D
Acq On : 28 Jun 2018 20:56
Operator : JU/SJ
Sample : J3242-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jun 29 01:11:10 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	69686	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	237853	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	99179	20.00	ng		-0.01
63) Phenanthrene-d10	11.48	188	167733	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	227350	20.00	ng		-0.03
86) Perylene-d12	15.68	264	235308	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	69360	16.85	ng		-0.01
7) Phenol-d6	6.59	99	82629	16.08	ng		-0.02
23) Nitrobenzene-d5	7.51	82	45677	10.67	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	16435	14.30	ng		-0.01
44) 2-Fluorobiphenyl	9.31	172	90361	0.81	ng		-0.02
78) Terphenyl-d14	13.07	244	97729	10.41	ng		-0.02
Target Compounds							Qvalue
32) Benzoic acid	8.14	122	106	5.771	ng	#	25
53) 2,4-Dinitrophenol	10.28	184	138	5.510	ng	#	17
74) Fluoranthene	12.71	202	24721	2.772	ng		94
77) Pyrene	12.94	202	31711	2.115	ng		98
79) Butylbenzylphthalate	13.54	149	245764	39.871	ng	#	90
87) Benzo(b)fluoranthene	15.22	252	37476	2.564	ng	#	91
88) Benzo(k)fluoranthene	15.22	252	37476	2.692	ng	#	92

(#) = 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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JC-02-062618-B

Quant Time: Jun 29 01:11:10 2018
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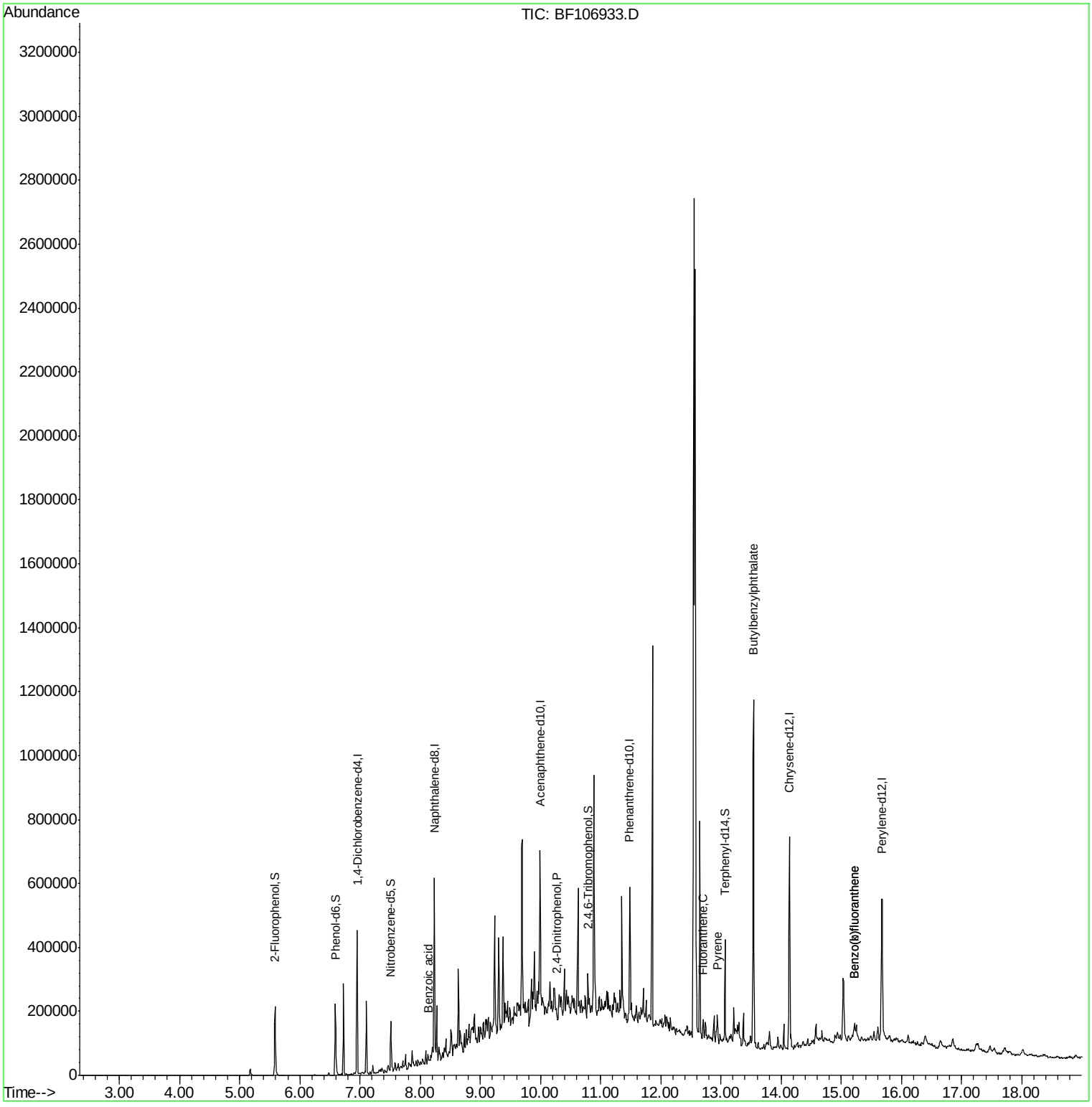
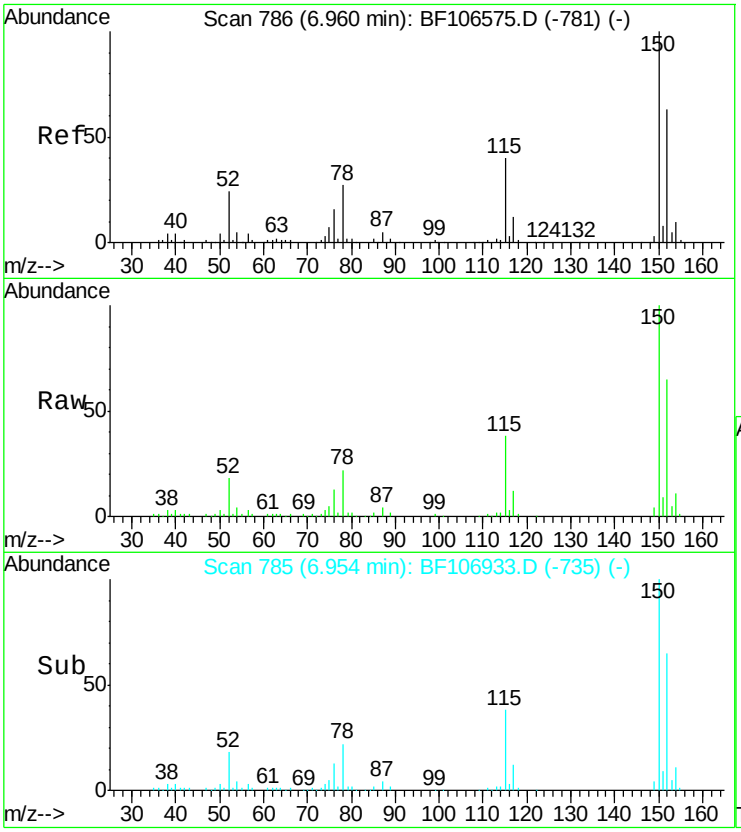
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration



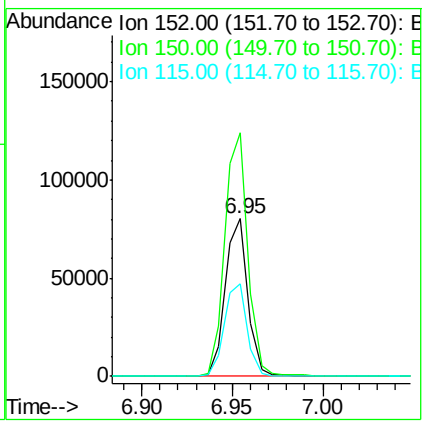


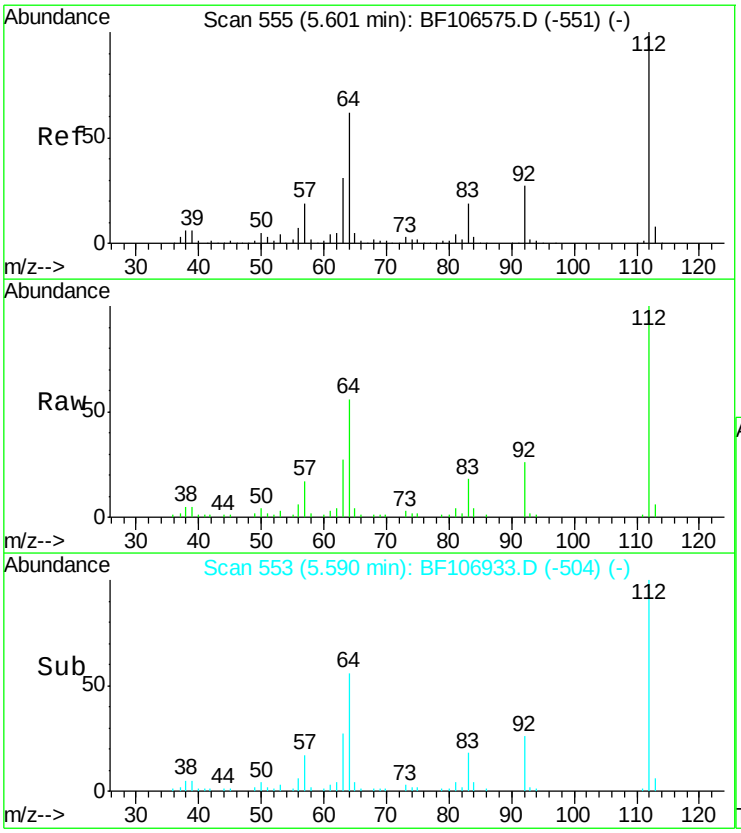
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106933.D
Acq: 28 Jun 2018 20:56

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

Tgt Ion:152 Resp: 69686

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	58.9	50.1	75.1

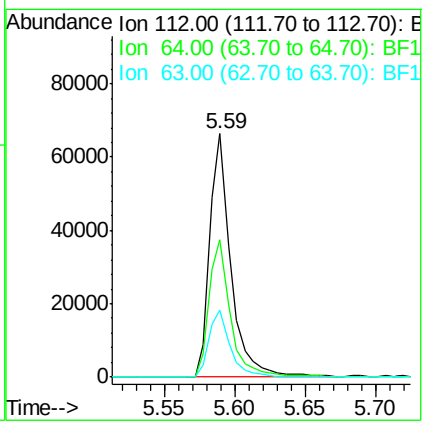


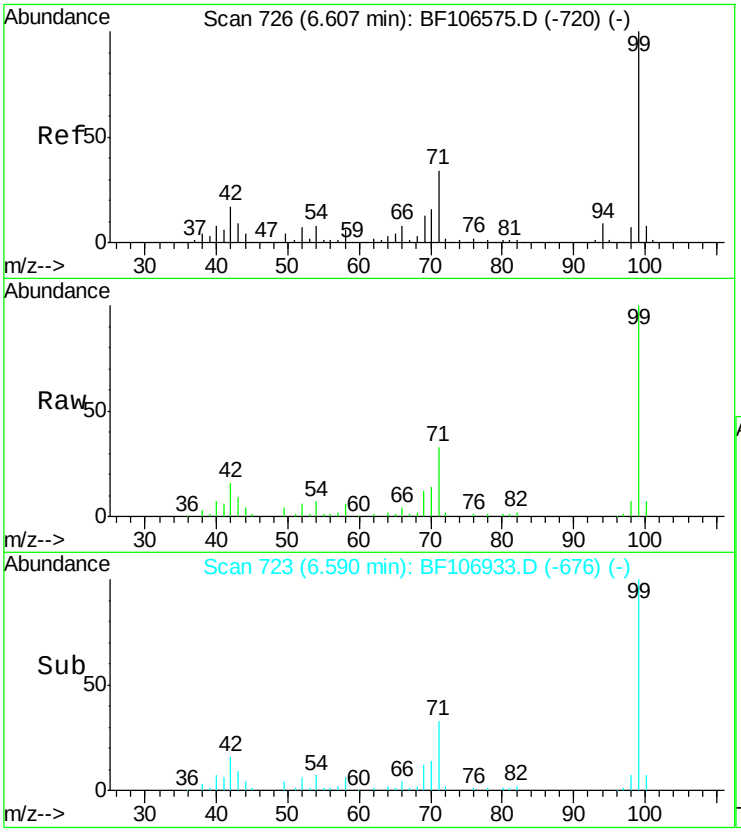


#5
2-Fluorophenol
Concen: 16.854 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106933.D
Acq: 28 Jun 2018 20:56

Tgt Ion:112 Resp: 69360

Ion	Ratio	Lower	Upper
112	100		
64	56.4	47.9	71.9
63	27.4	23.7	35.5



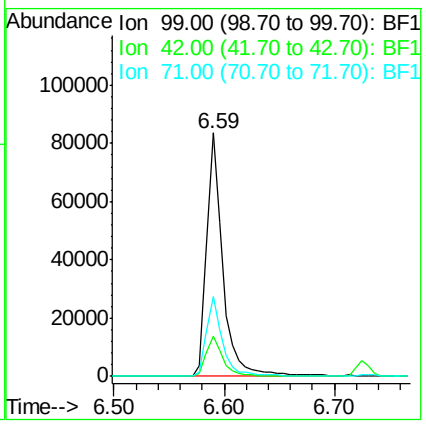


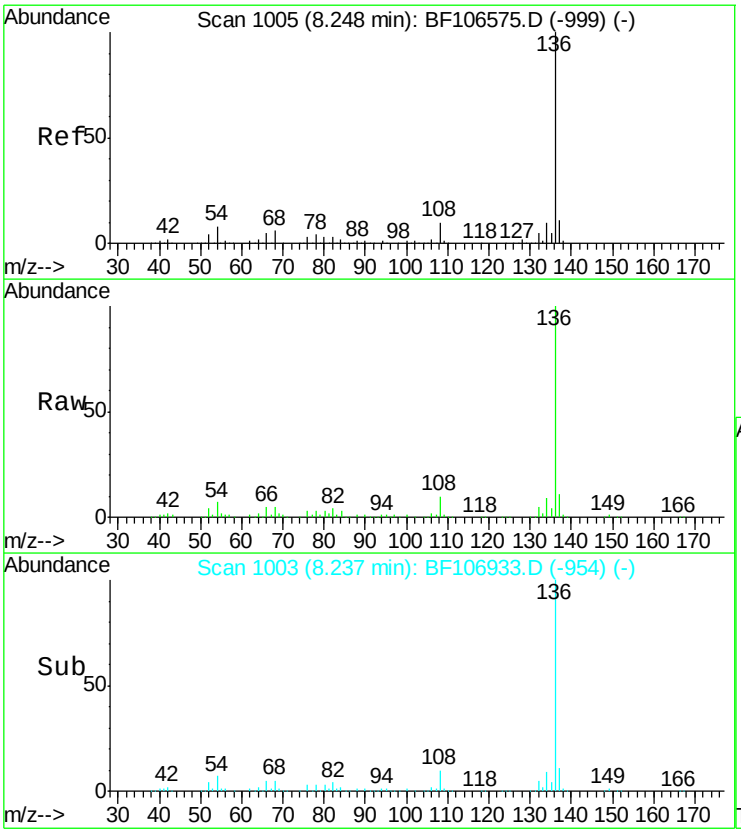
#7
Phenol-d6
Concen: 16.078 ng
RT: 6.59 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF106933.D
Acq: 28 Jun 2018 20:56

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

Tgt Ion: 99 Resp: 82629

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.5	21.7
71	32.6	25.4	38.0

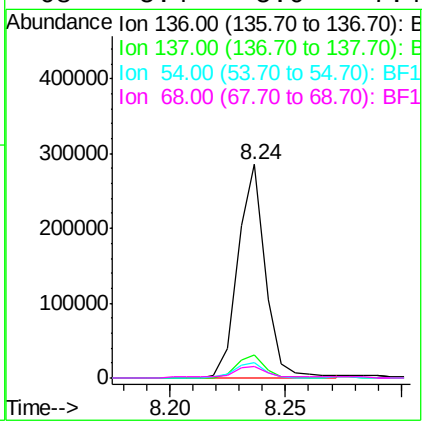


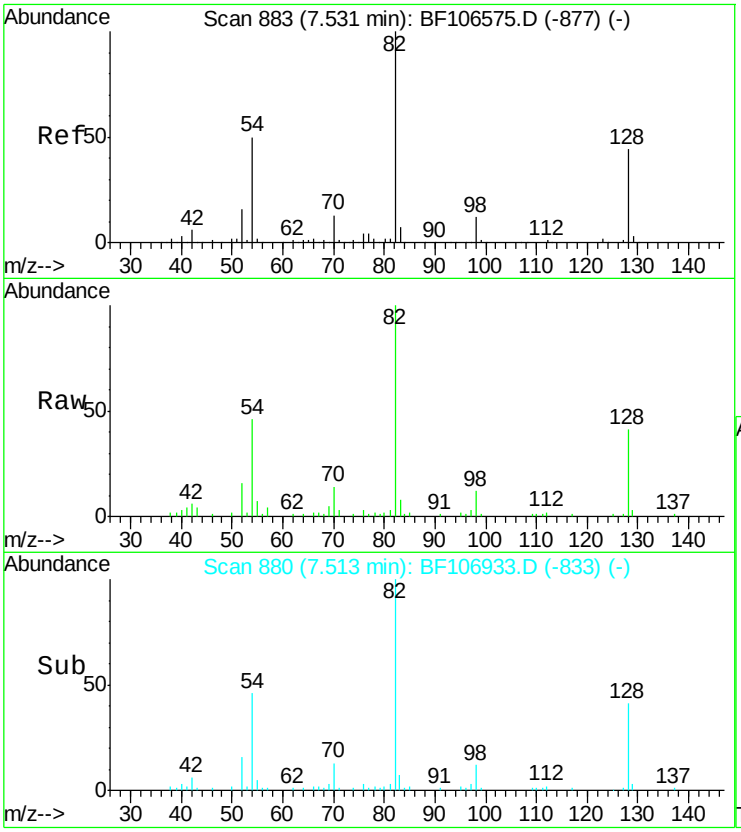


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106933.D
Acq: 28 Jun 2018 20:56

Tgt Ion:136 Resp: 237853

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.2	6.6	9.8
68	5.4	5.0	7.4



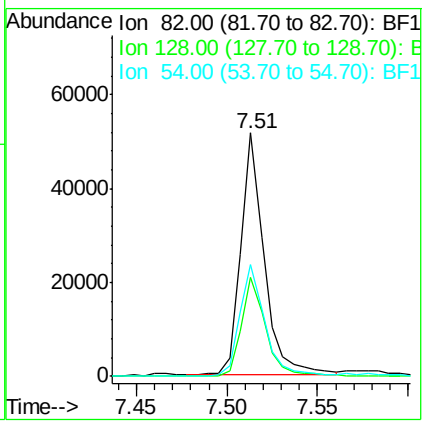


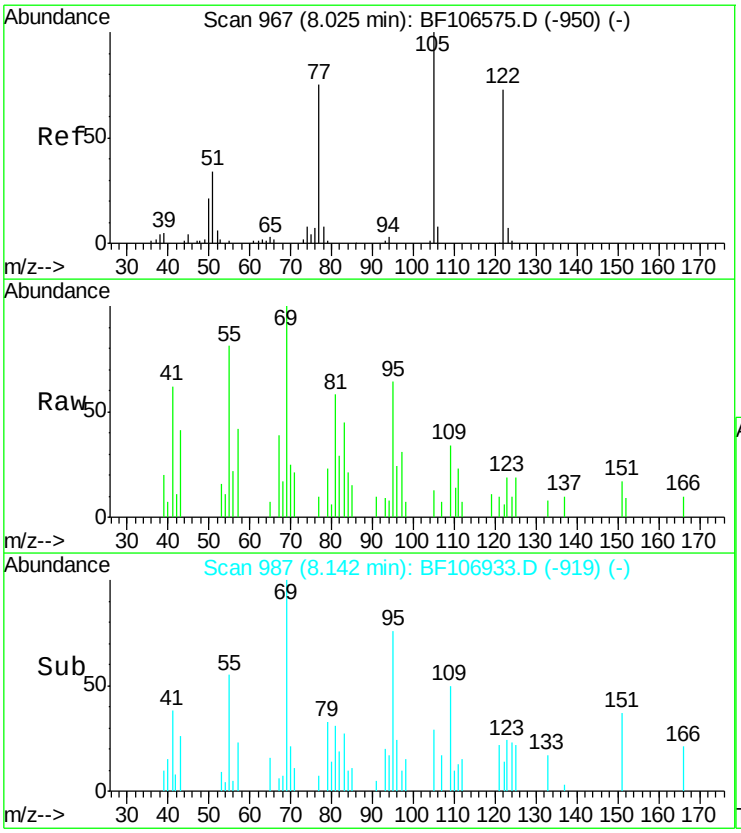
#23
Nitrobenzene-d5
Concen: 10.672 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF106933.D
Acq: 28 Jun 2018 20:56

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

Tgt Ion: 82 Resp: 45677

Ion	Ratio	Lower	Upper
82	100		
128	40.9	36.1	54.1
54	46.0	41.4	62.2

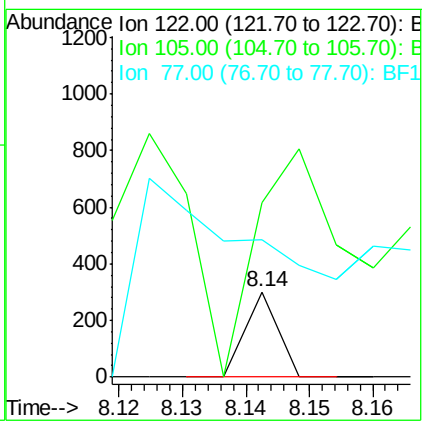


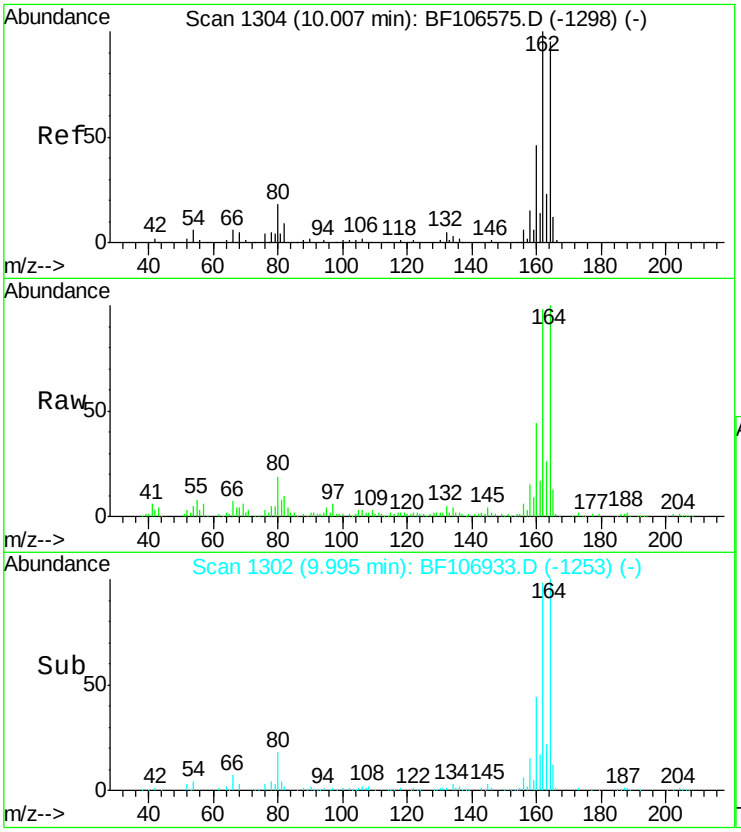


#32
Benzoic acid
Concen: 5.771 ng
RT: 8.14 min Scan# 987
Delta R.T. 0.10 min
Lab File: BF106933.D
Acq: 28 Jun 2018 20:56

Tgt Ion:122 Resp: 106

Ion	Ratio	Lower	Upper
122	100		
105	205.0	101.1	141.1#
77	161.5	70.7	110.7#



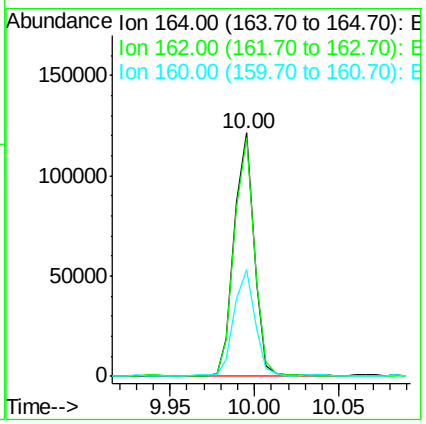


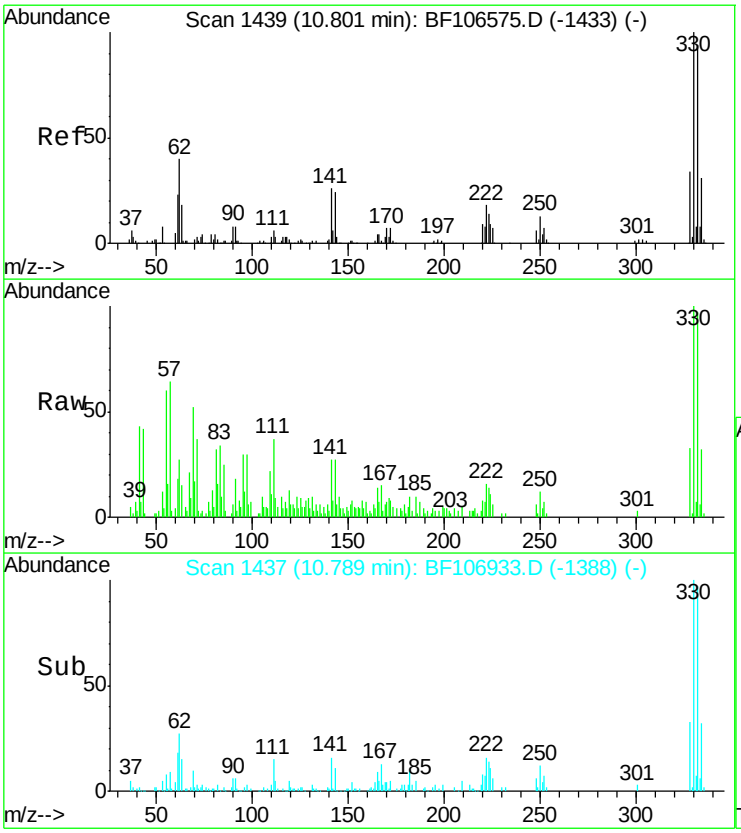
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106933.D
Acq: 28 Jun 2018 20:56

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

Tgt Ion:164 Resp: 99179

Ion	Ratio	Lower	Upper
164	100		
162	97.8	86.1	129.1
160	44.0	38.3	57.5

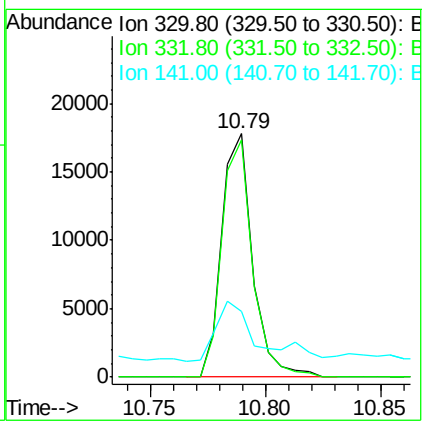


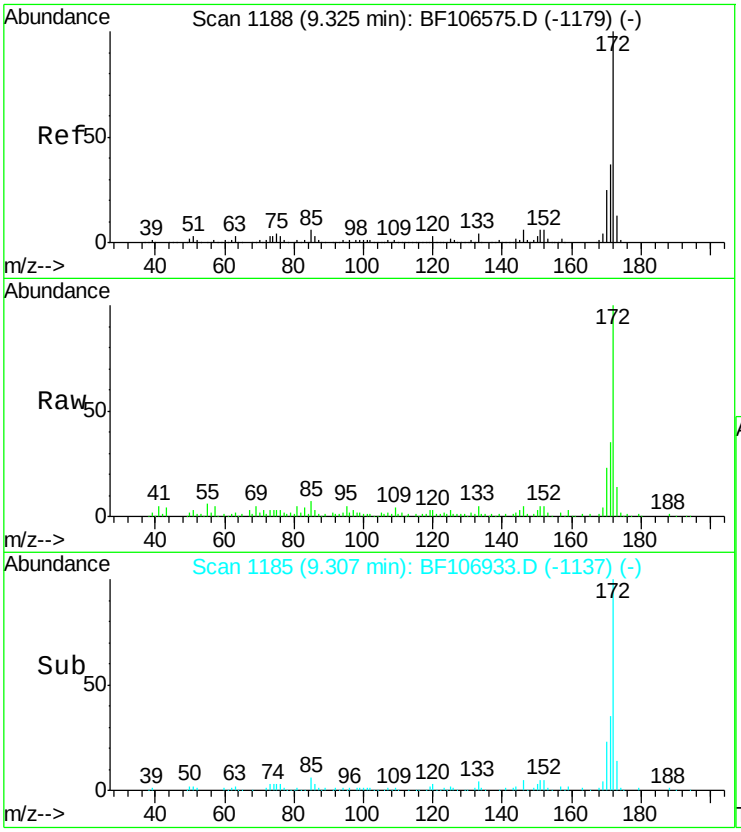


#41
2,4,6-Tribromophenol
Concen: 14.297 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF106933.D
Acq: 28 Jun 2018 20:56

Tgt Ion:330 Resp: 16435

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	28.2	29.9	44.9#



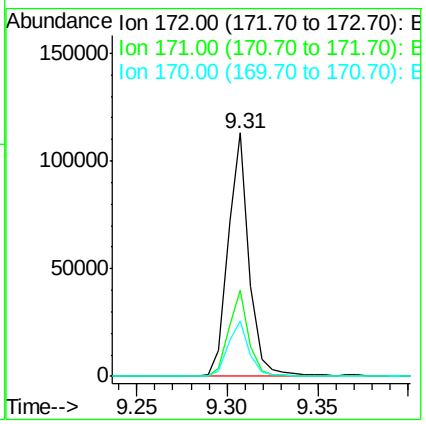


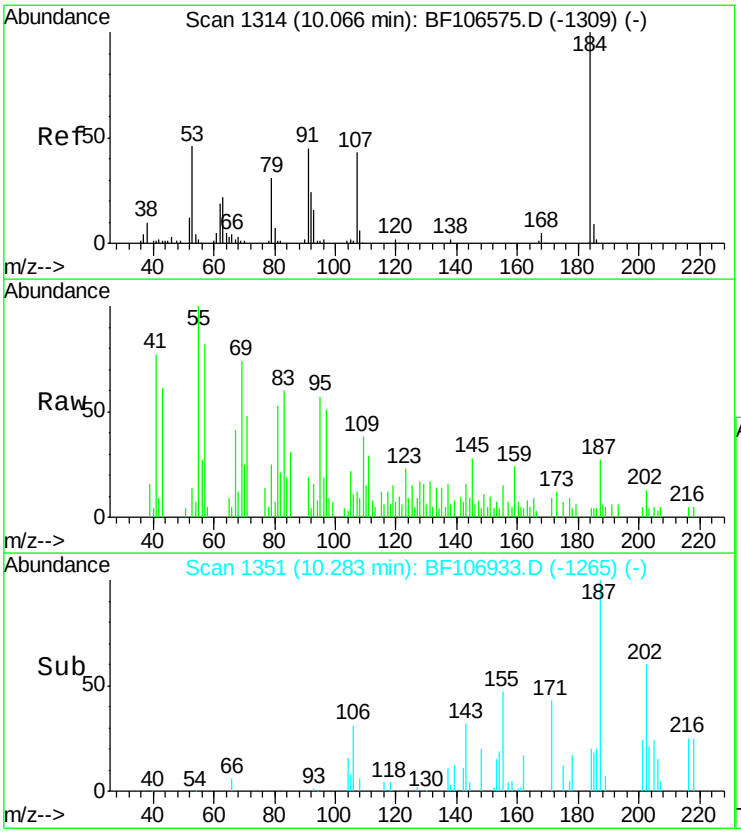
#44
2-Fluorobiphenyl
Concen: 0.811 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF106933.D
Acq: 28 Jun 2018 20:56

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

Tgt Ion:172 Resp: 90361

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	22.6	19.6	29.4

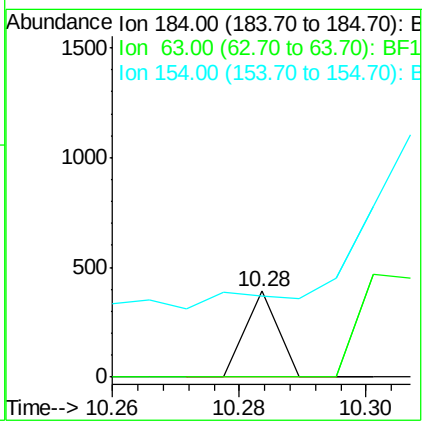


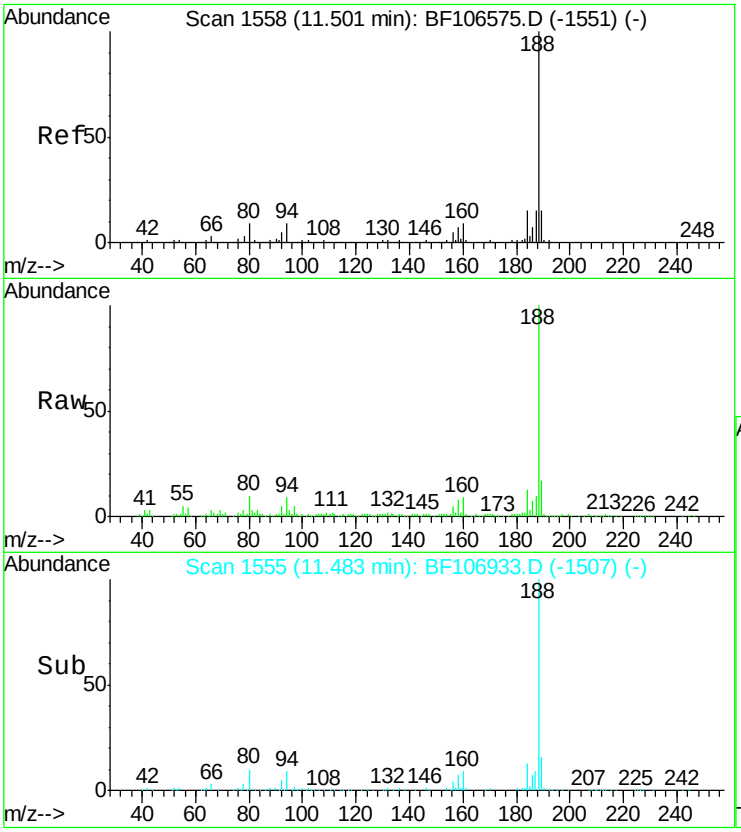


#53
2,4-Dinitrophenol
Concen: 5.510 ng
RT: 10.28 min Scan# 1351
Delta R.T. 0.21 min
Lab File: BF106933.D
Acq: 28 Jun 2018 20:56

Tgt Ion:184 Resp: 138

Ion	Ratio	Lower	Upper
184	100		
63	0.0	54.2	81.2#
154	94.1	184.0	276.0#



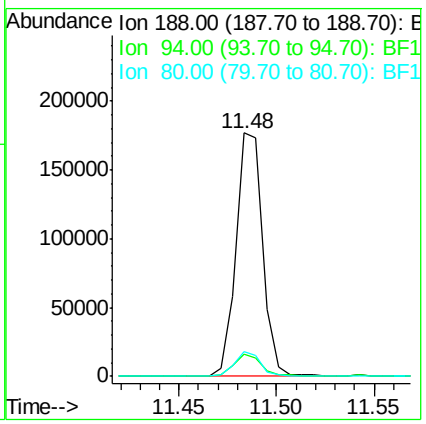


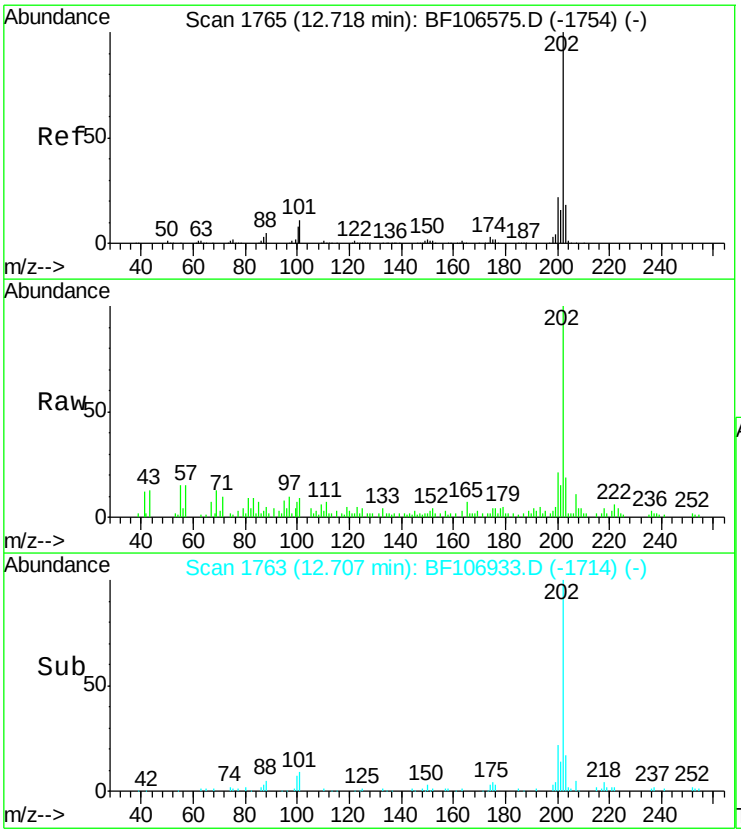
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF106933.D
Acq: 28 Jun 2018 20:56

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

Tgt Ion:188 Resp: 167733

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.2	9.2	13.8

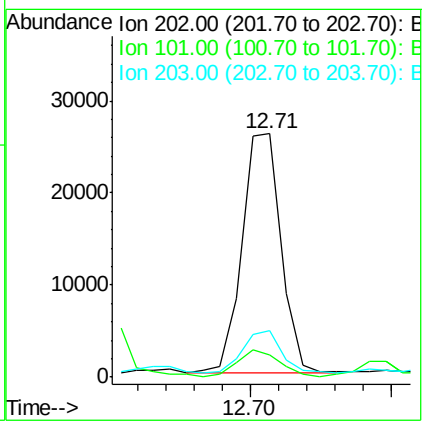


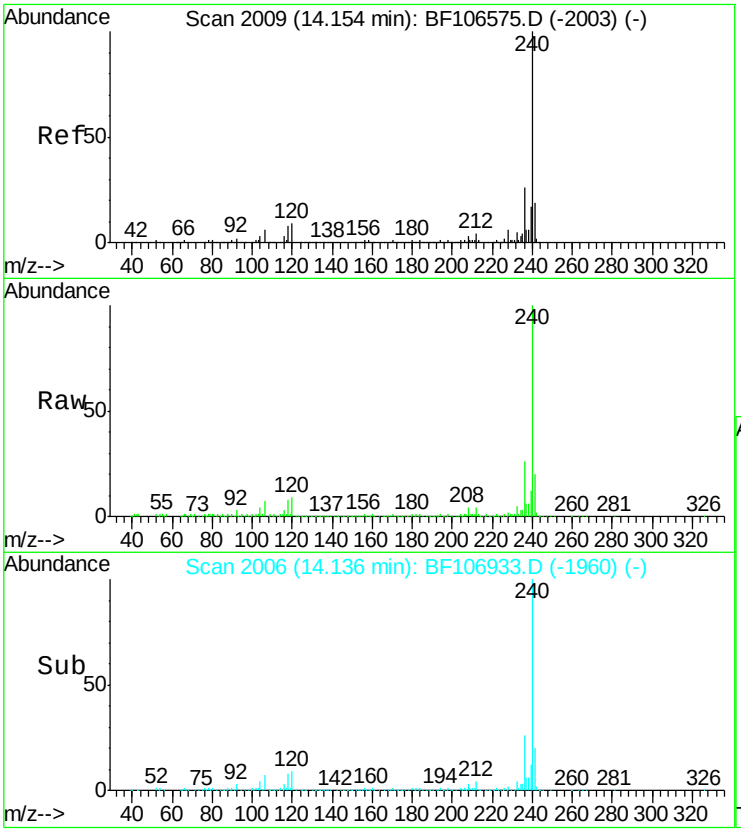


#74
Fluoranthene
Concen: 2.772 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF106933.D
Acq: 28 Jun 2018 20:56

Tgt Ion:202 Resp: 24721

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	34.1
203	19.1	0.0	38.1



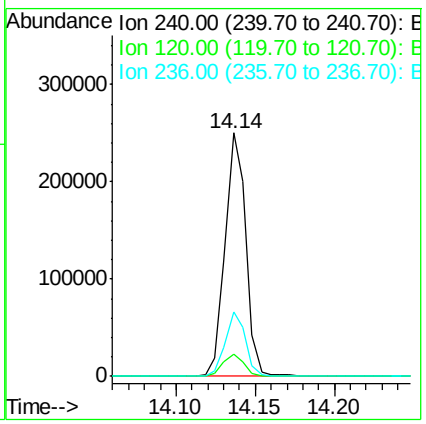


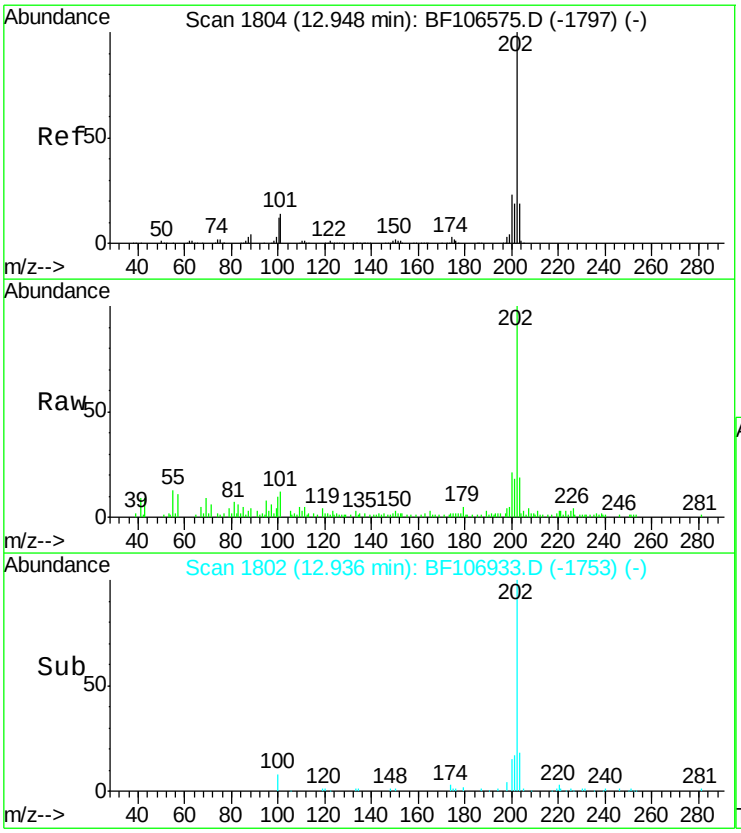
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF106933.D
Acq: 28 Jun 2018 20:56

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

Tgt Ion:240 Resp: 227350

Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.5	14.3#
236	26.2	20.7	31.1

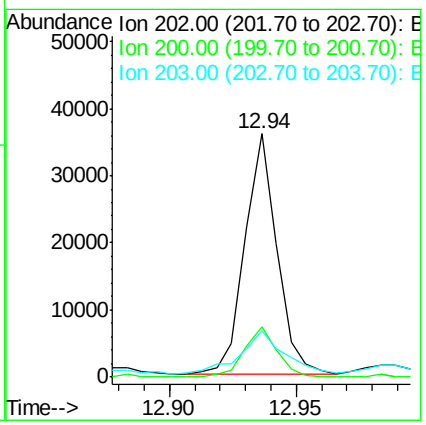


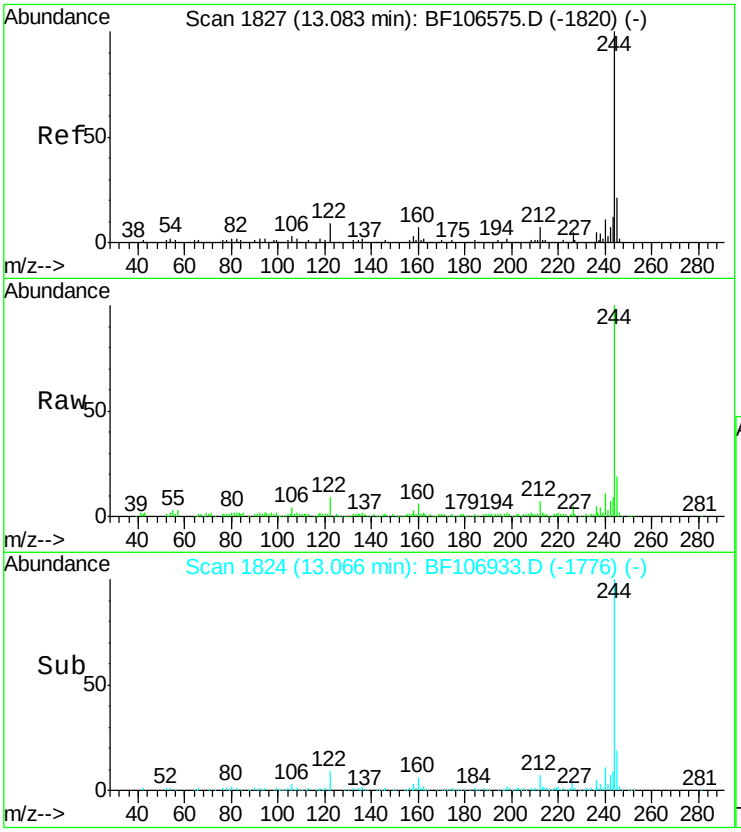


#77
Pyrene
Concen: 2.115 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF106933.D
Acq: 28 Jun 2018 20:56

Tgt Ion:202 Resp: 31711

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	18.9	14.3	21.5



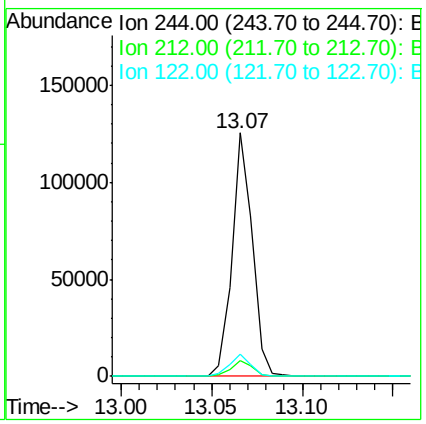


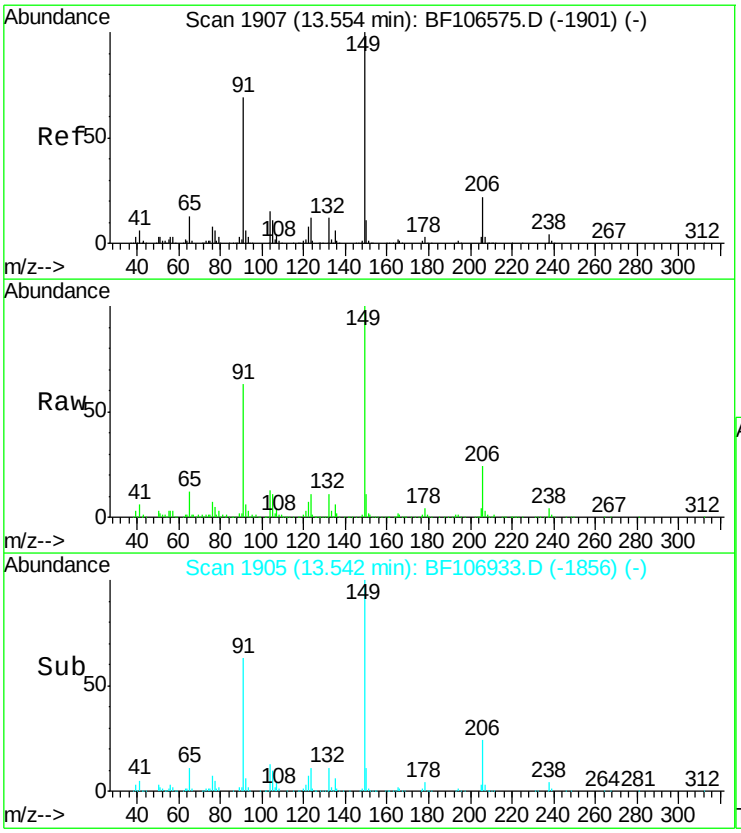
#78
Terphenyl-d14
Concen: 10.413 ng
RT: 13.07 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BF106933.D
Acq: 28 Jun 2018 20:56

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

Tgt Ion:244 Resp: 97729

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	9.4	11.0	16.4#

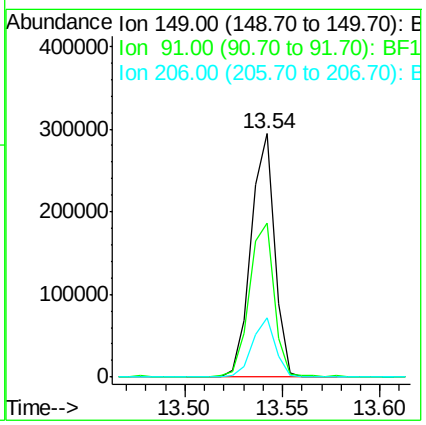


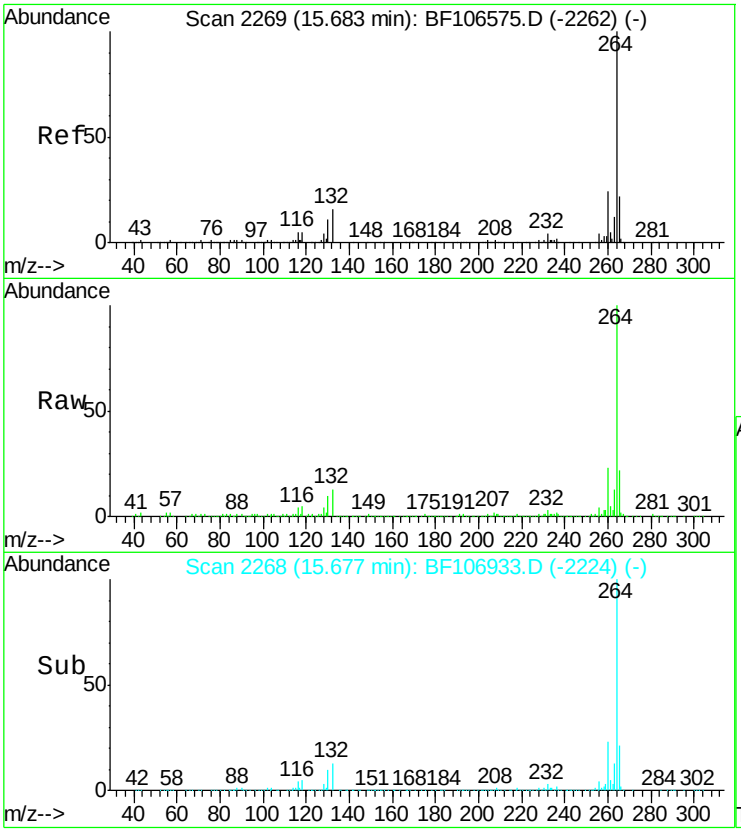


#79
Butylbenzylphthalate
Concen: 39.871 ng
RT: 13.54 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BF106933.D
Acq: 28 Jun 2018 20:56

Tgt Ion:149 Resp: 245764

Ion	Ratio	Lower	Upper
149	100		
91	63.3	56.8	85.2
206	24.4	14.1	21.1#



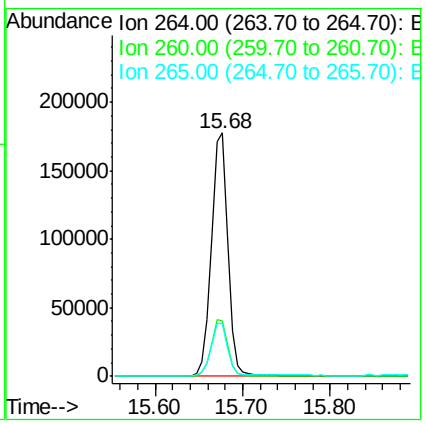


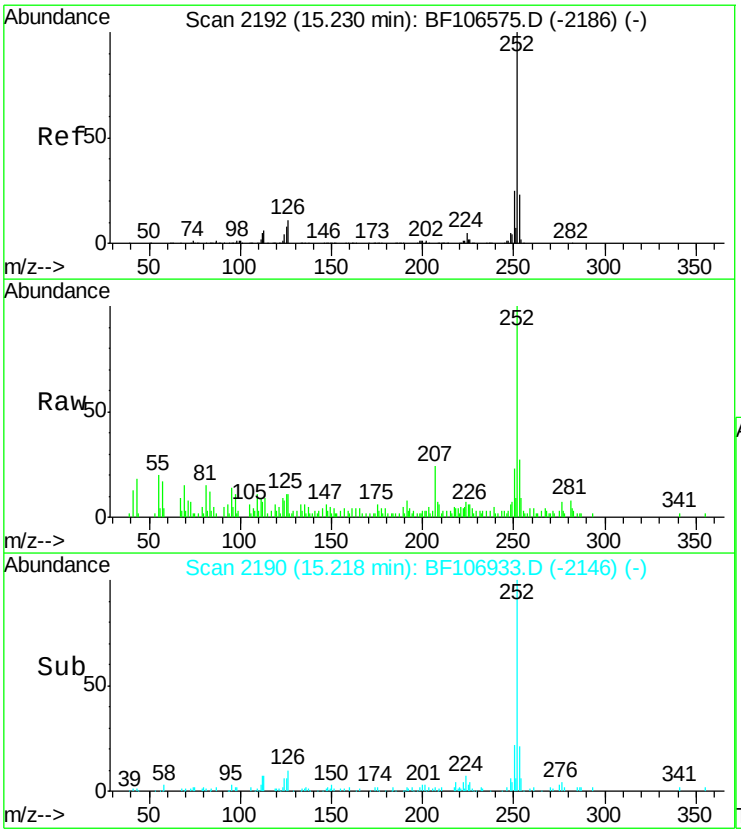
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.04 min
Lab File: BF106933.D
Acq: 28 Jun 2018 20:56

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

Tgt Ion:264 Resp: 235308

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.7	17.5	26.3

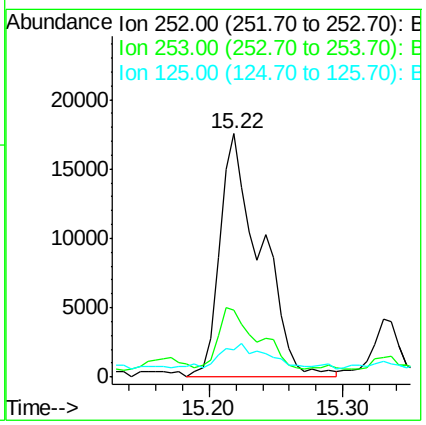


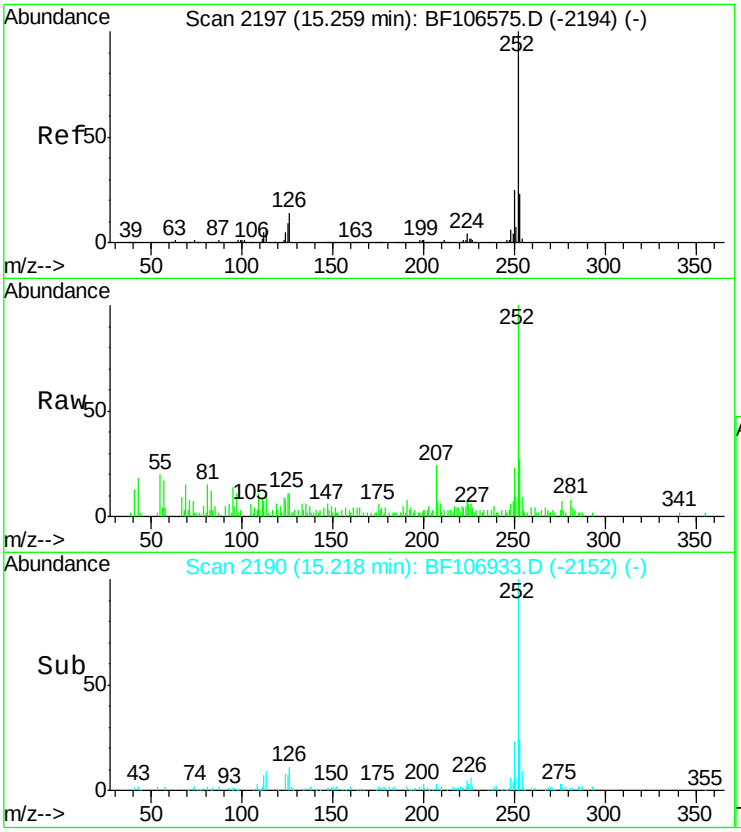


#87
Benzo(b)fluoranthene
Concen: 2.564 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF106933.D
Acq: 28 Jun 2018 20:56

Tgt Ion:252 Resp: 37476

Ion	Ratio	Lower	Upper
252	100		
253	27.4	17.0	25.6#
125	11.1	9.0	13.6





#88
Benzo(k)fluoranthene
Concen: 2.692 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.08 min
Lab File: BF106933.D
Acq: 28 Jun 2018 20:56

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

Tgt Ion:252 Resp: 37476

Ion	Ratio	Lower	Upper
252	100		
253	27.4	17.9	26.9#
125	11.1	10.2	15.2