Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106705.D
Acq On : 22 Jun 2018 13:30
Operator : JU/SJ
Sample : J3603-23
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26KV-TP-11

Quant Time: Jun 22 14:08:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 22 11:34:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	66613	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	260620	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	137248	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	277134	20.00	ng	0.00
75) Chrysene-d12	14.15	240	214386	20.00	ng	0.00
86) Perylene-d12	15.69	264	216373	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	444474	112.99	ng	0.00
7) Phenol-d6	6.61	99	574180	116.88	ng	0.00
23) Nitrobenzene-d5	7.52	82	371913	79.31	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	188395	118.43	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	542546	63.11	ng	-0.01
78) Terphenyl-d14	13.08	244	568796	64.27	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.71	163	71700	6.965	ng	99
70) Phenanthrene	11.52	178	34426	2.575	ng	99
74) Fluoranthene	12.71	202	42217	2.866	ng	97
77) Pyrene	12.94	202	48549	3.434	ng	100
80) Benzo(a)anthracene	14.14	228	27777	2.126	ng	91
82) Chrysene	14.17	228	26776	2.227	ng	96

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

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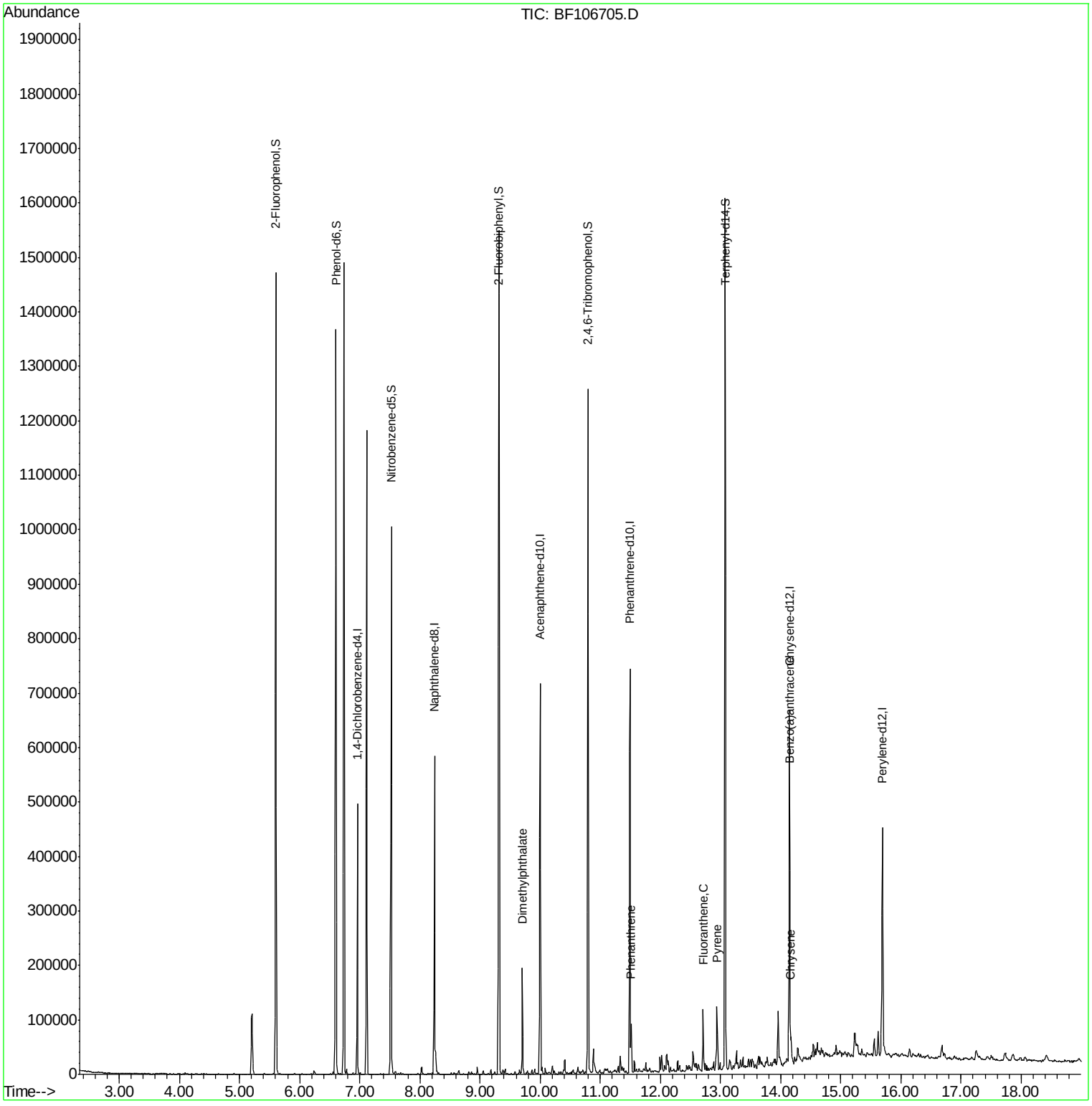
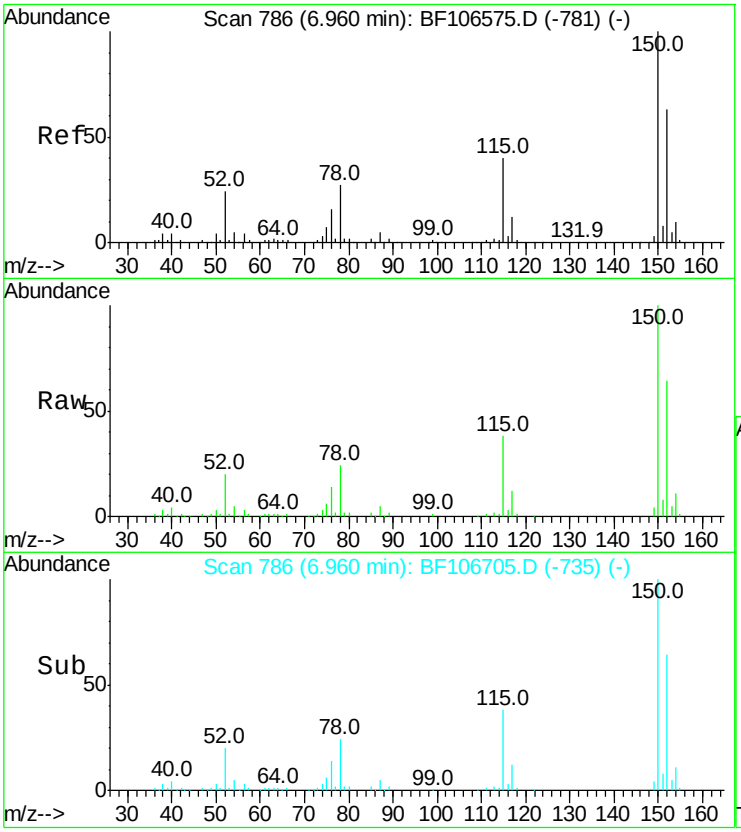


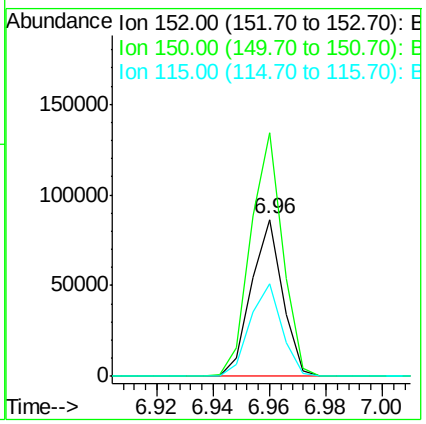


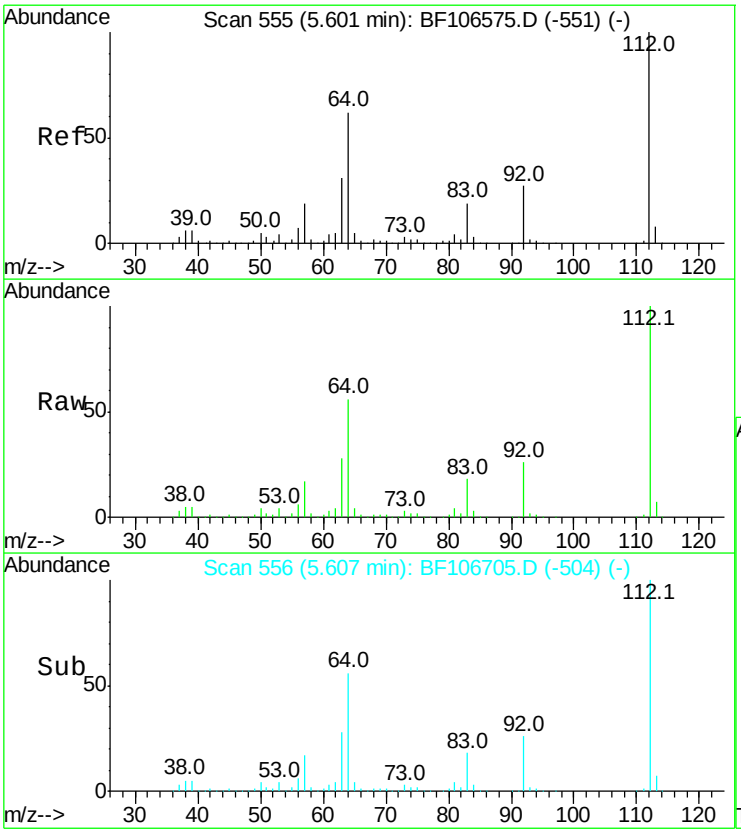
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106705.D
Acq: 22 Jun 2018 13:30

Instrument :
BNA_F
ClientSampleId :
26KV-TP-11

Tgt Ion:152 Resp: 66613

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	58.7	50.1	75.1

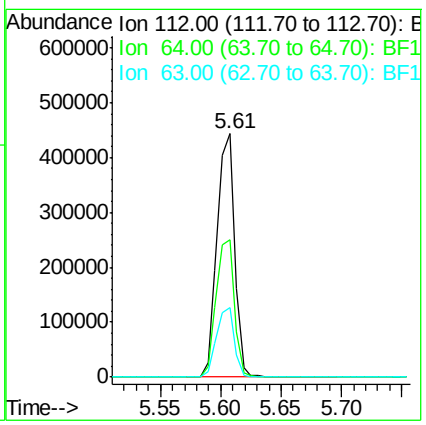


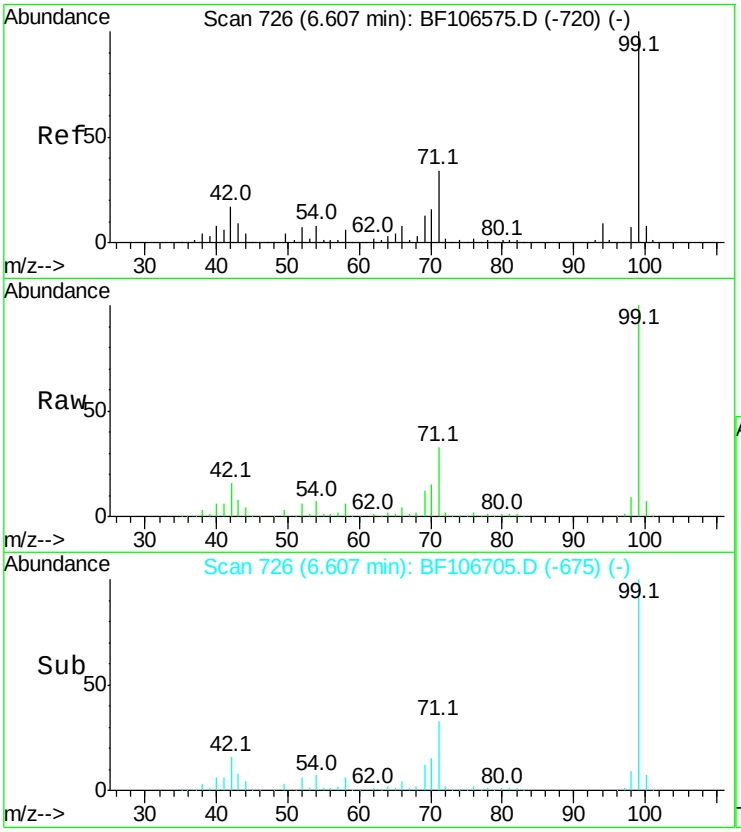


#5
2-Fluorophenol
Concen: 112.986 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106705.D
Acq: 22 Jun 2018 13:30

Tgt Ion:112 Resp: 444474

Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.9	71.9
63	28.3	23.7	35.5



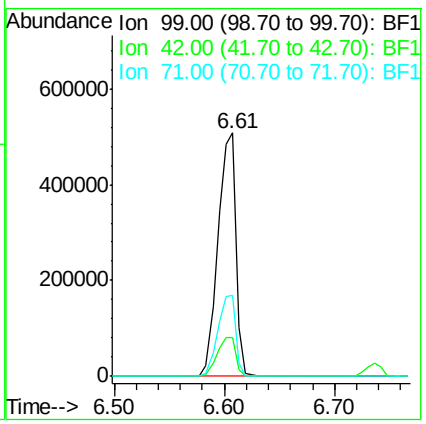


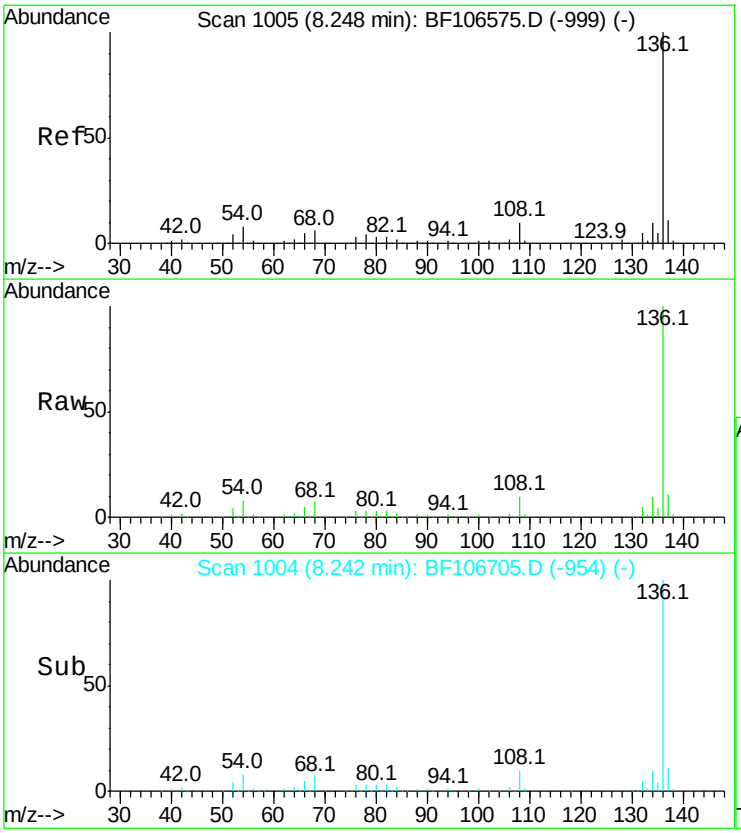
#7
Phenol-d6
Concen: 116.878 ng
RT: 6.61 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF106705.D
Acq: 22 Jun 2018 13:30

Instrument :
BNA_F
ClientSampleId :
26KV-TP-11

Tgt Ion: 99 Resp: 574180

Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.5	21.7
71	33.1	25.4	38.0

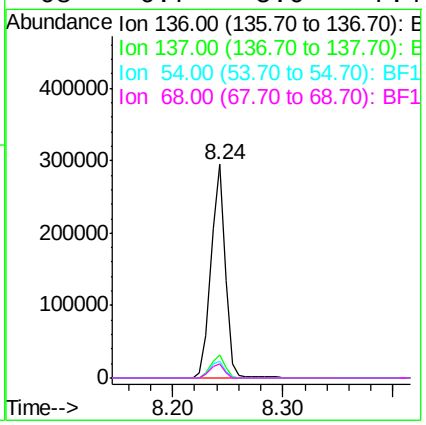


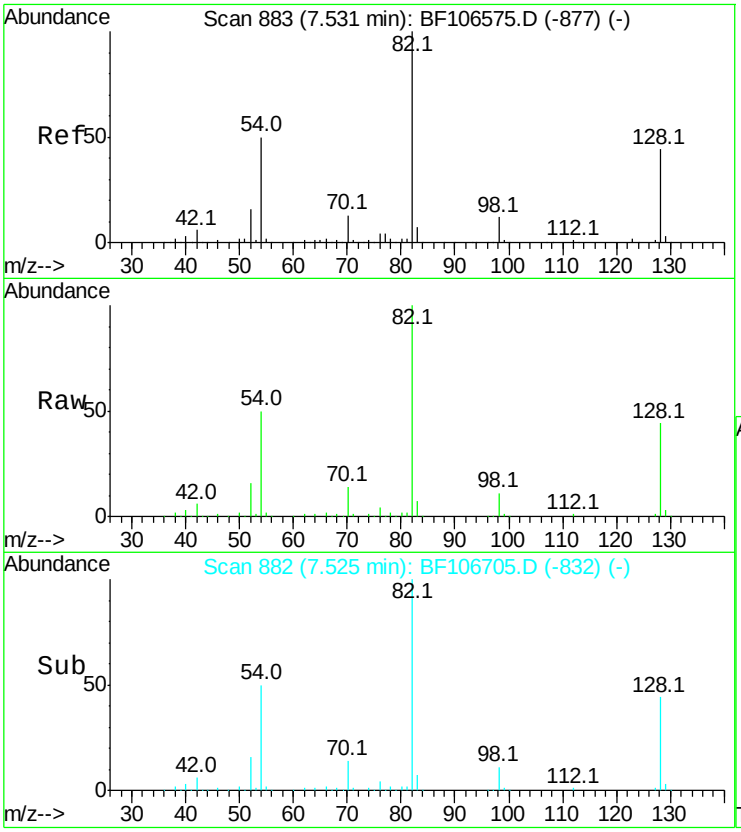


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106705.D
Acq: 22 Jun 2018 13:30

Tgt Ion:136 Resp: 260620

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.7	6.6	9.8
68	6.7	5.0	7.4



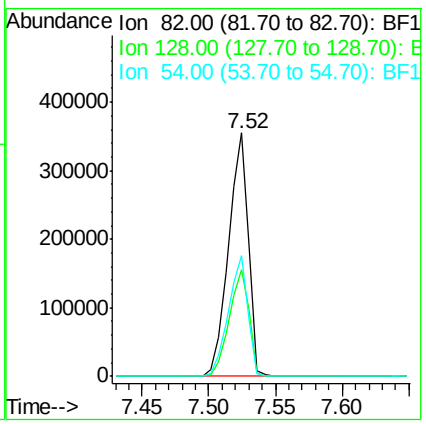


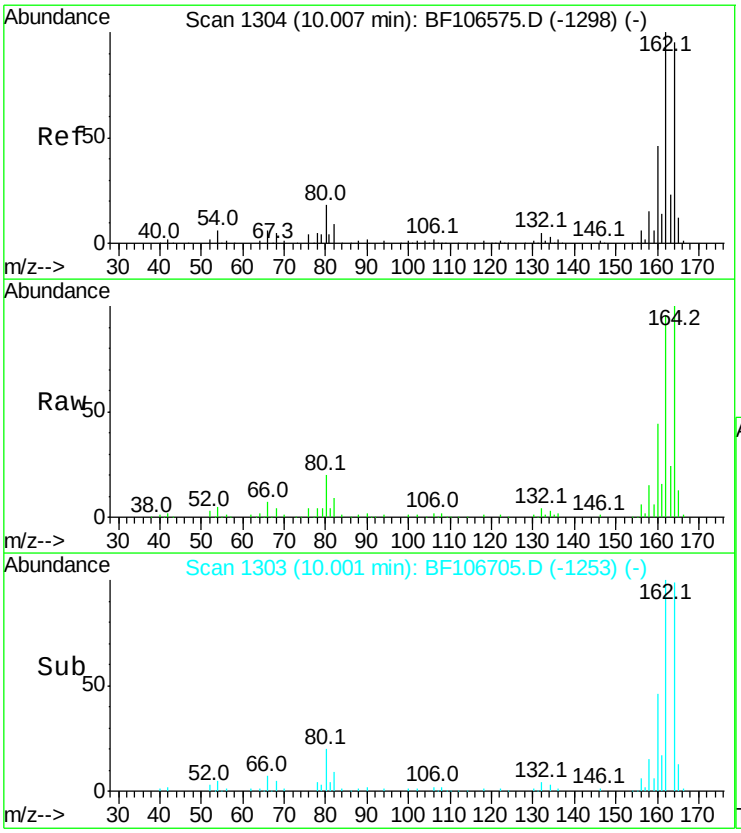
#23
Nitrobenzene-d5
Concen: 79.305 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106705.D
Acq: 22 Jun 2018 13:30

Instrument :
BNA_F
ClientSampleId :
26KV-TP-11

Tgt Ion: 82 Resp: 371913

Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	49.5	41.4	62.2

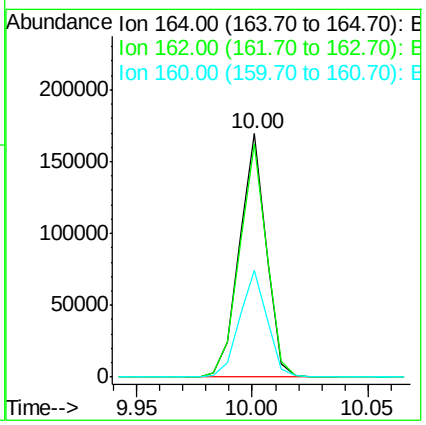


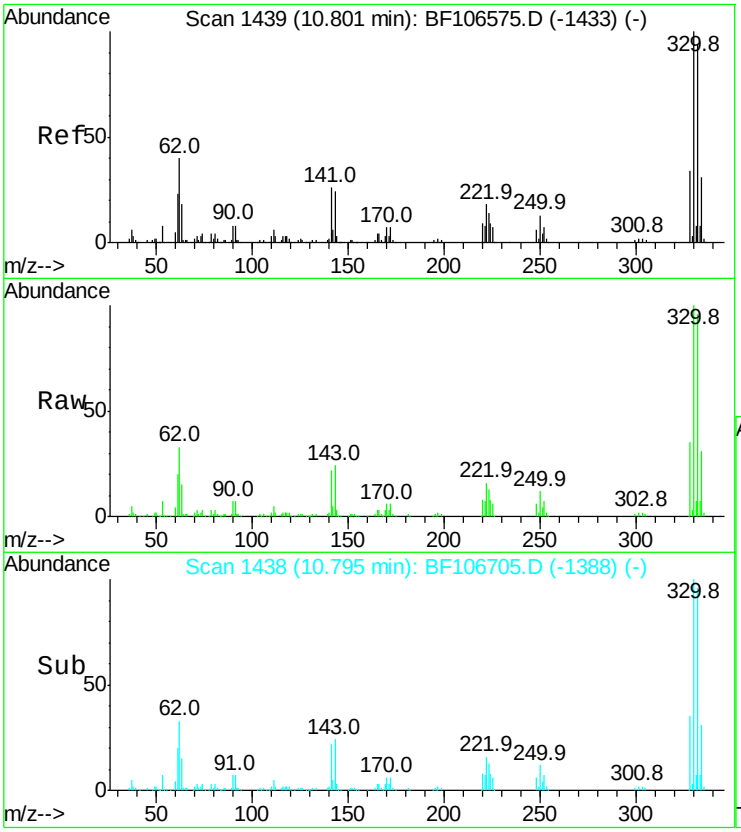


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106705.D
Acq: 22 Jun 2018 13:30

Tgt Ion:164 Resp: 137248

Ion	Ratio	Lower	Upper
164	100		
162	96.0	86.1	129.1
160	44.0	38.3	57.5



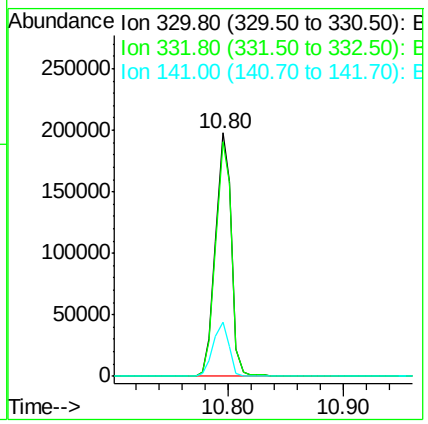


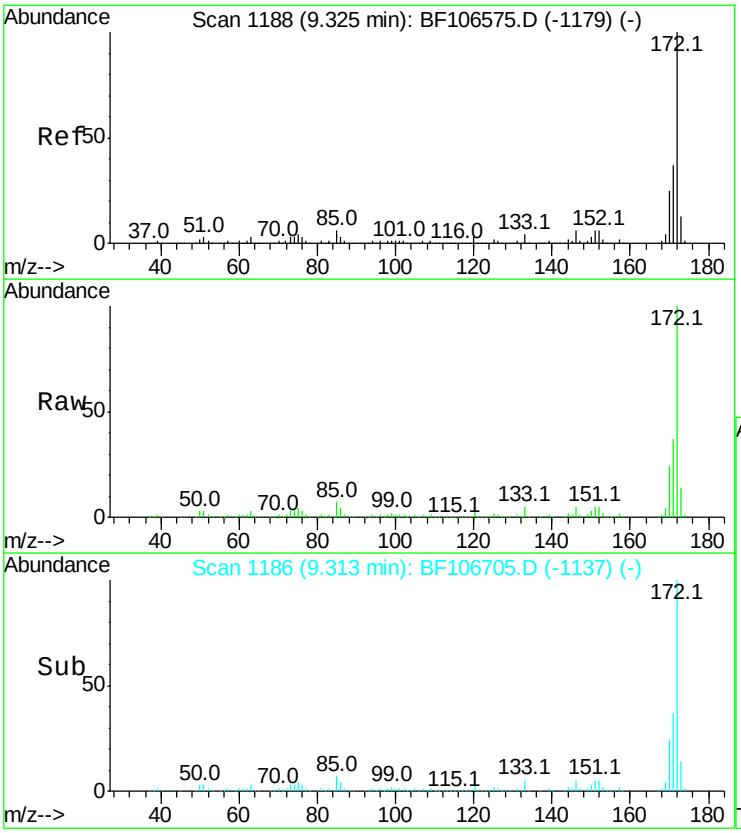
#41
2,4,6-Tribromophenol
Concen: 118.432 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106705.D
Acq: 22 Jun 2018 13:30

Instrument :
BNA_F
ClientSampleId :
26KV-TP-11

Tgt Ion:330 Resp: 188395

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	22.4	29.9	44.9#

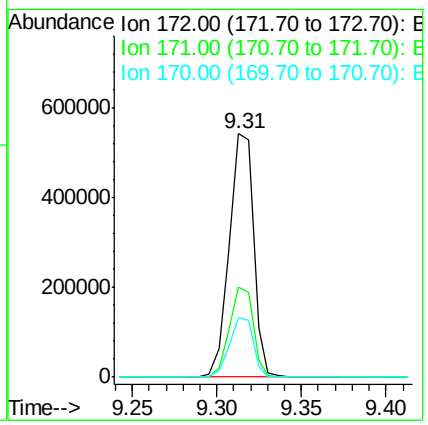


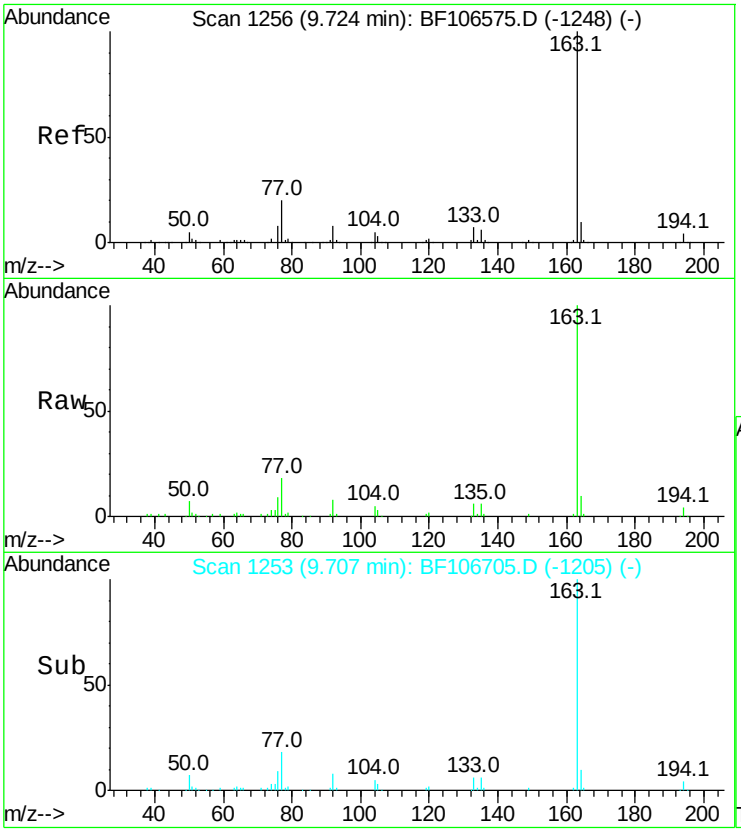


#44
2-Fluorobiphenyl
Concen: 63.111 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF106705.D
Acq: 22 Jun 2018 13:30

Tgt Ion:172 Resp: 542546

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.3	19.6	29.4



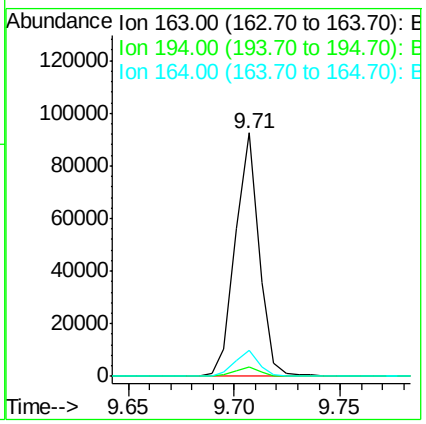


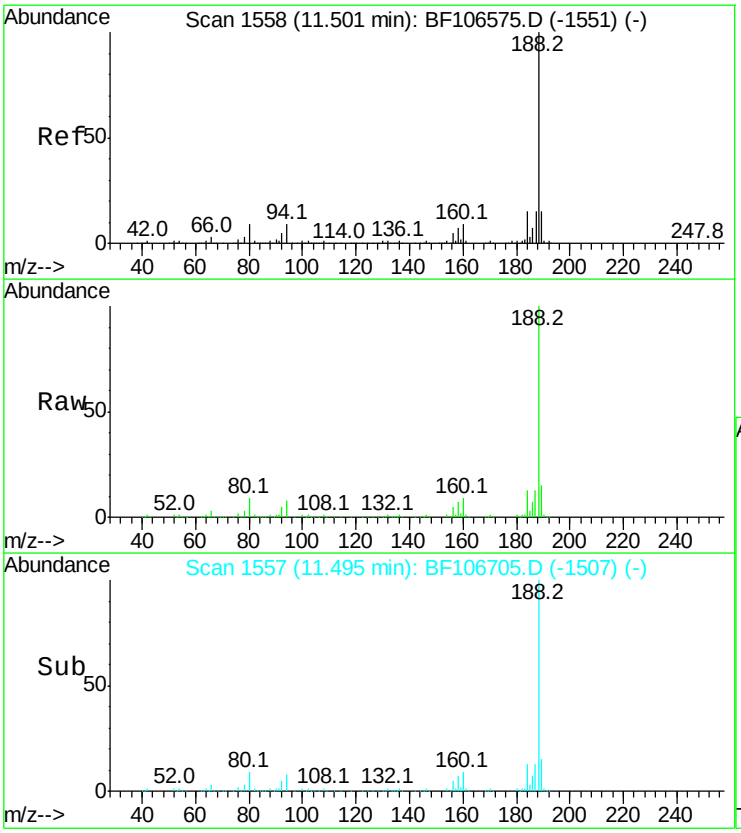
#49
Dimethylphthalate
Concen: 6.965 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106705.D
Acq: 22 Jun 2018 13:30

Instrument :
BNA_F
ClientSampleId :
26KV-TP-11

Tgt Ion:163 Resp: 71700

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.5	8.2	12.2

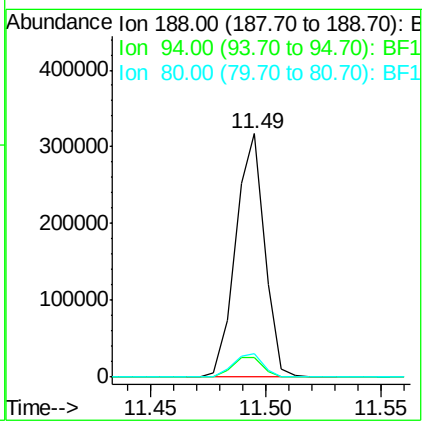


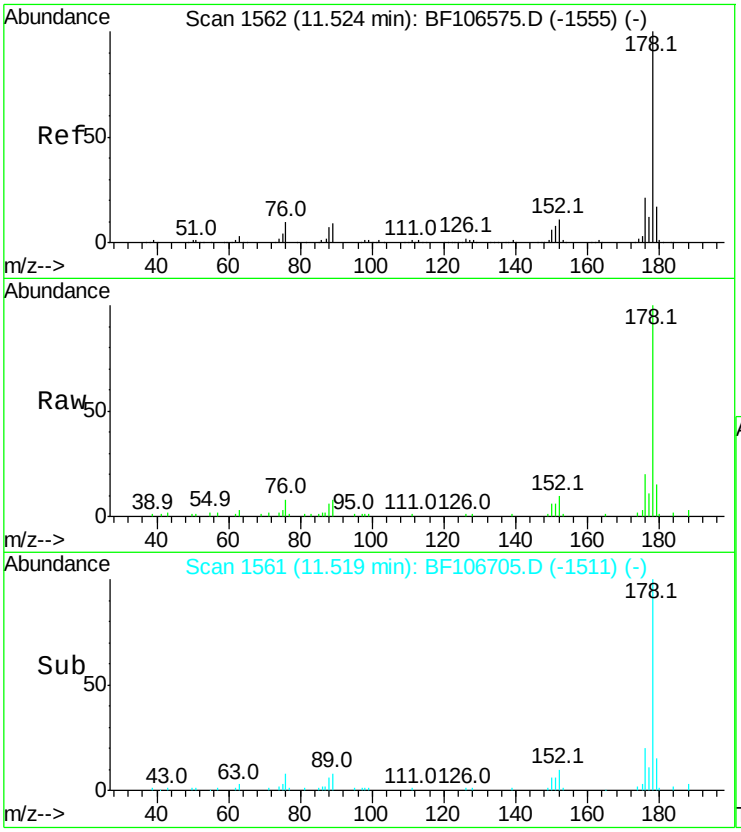


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106705.D
Acq: 22 Jun 2018 13:30

Tgt Ion:188 Resp: 277134

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	9.5	9.2	13.8



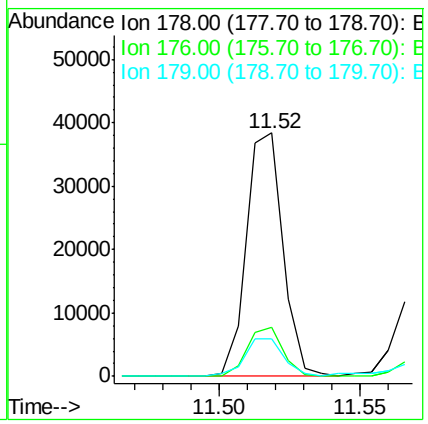


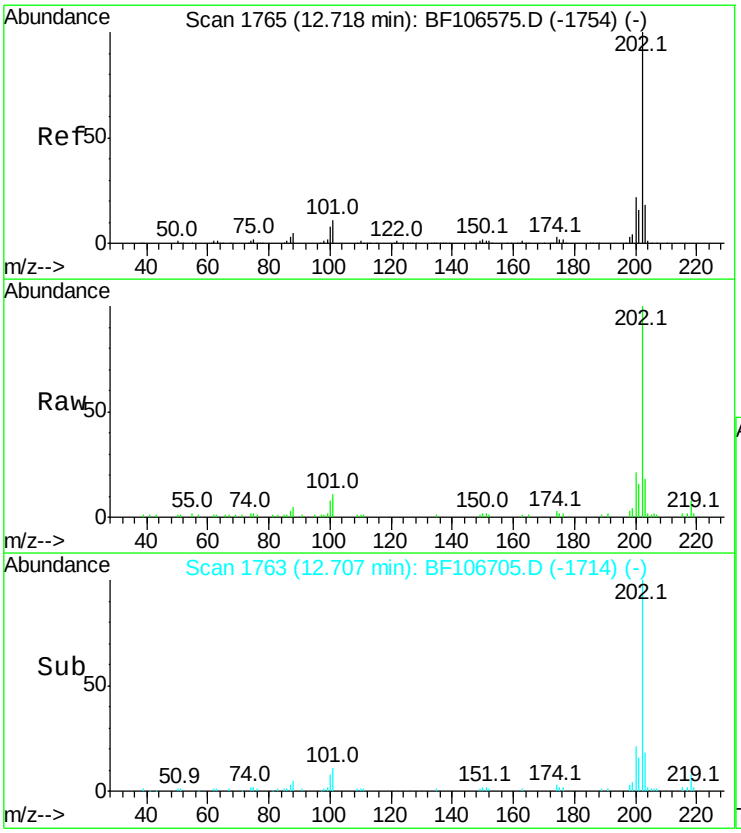
#70
Phenanthrene
Concen: 2.575 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106705.D
Acq: 22 Jun 2018 13:30

Instrument :
BNA_F
ClientSampleId :
26KV-TP-11

Tgt Ion:178 Resp: 34426

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.4	13.0	19.6

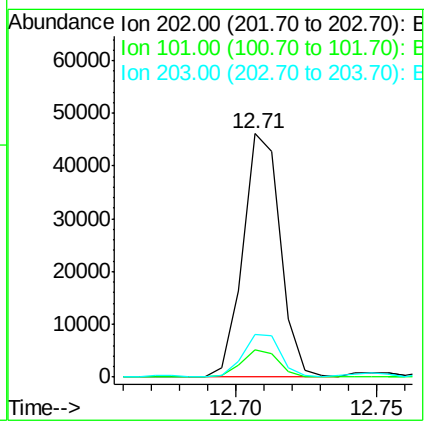


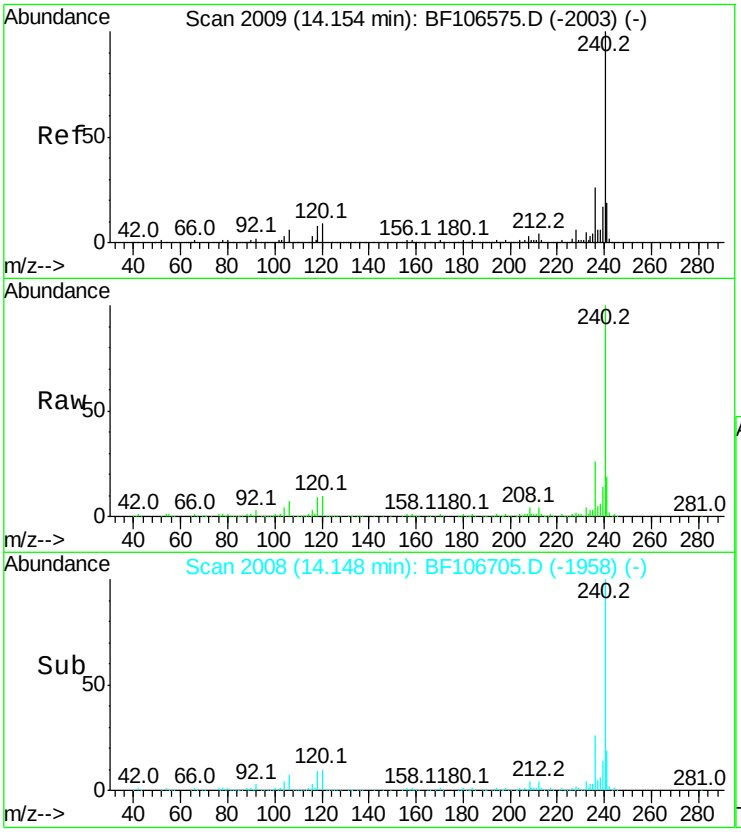


#74
Fluoranthene
Concen: 2.866 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF106705.D
Acq: 22 Jun 2018 13:30

Tgt Ion:202 Resp: 42217

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	34.1
203	17.7	0.0	38.1



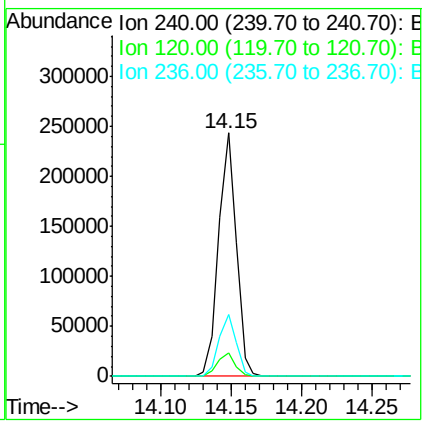


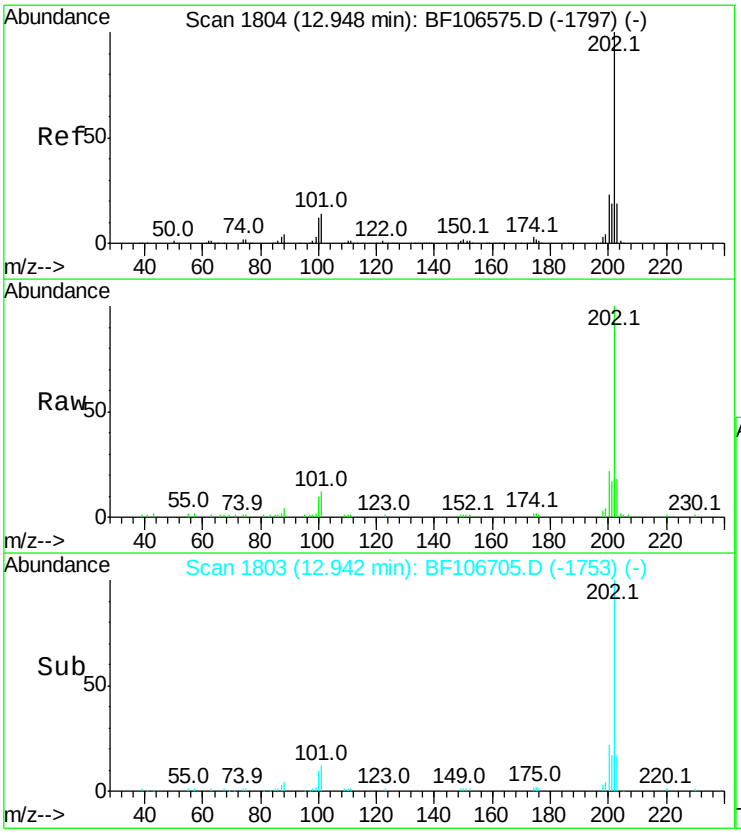
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106705.D
Acq: 22 Jun 2018 13:30

Instrument :
BNA_F
ClientSampleId :
26KV-TP-11

Tgt Ion:240 Resp: 214386

Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.5	14.3
236	25.6	20.7	31.1

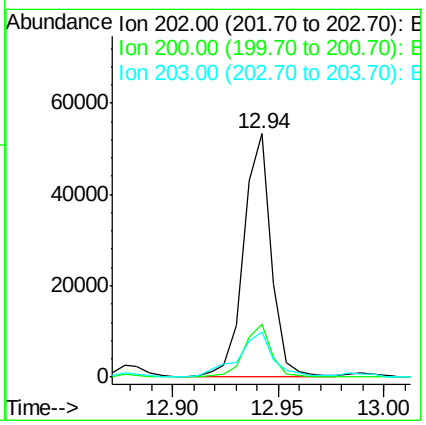


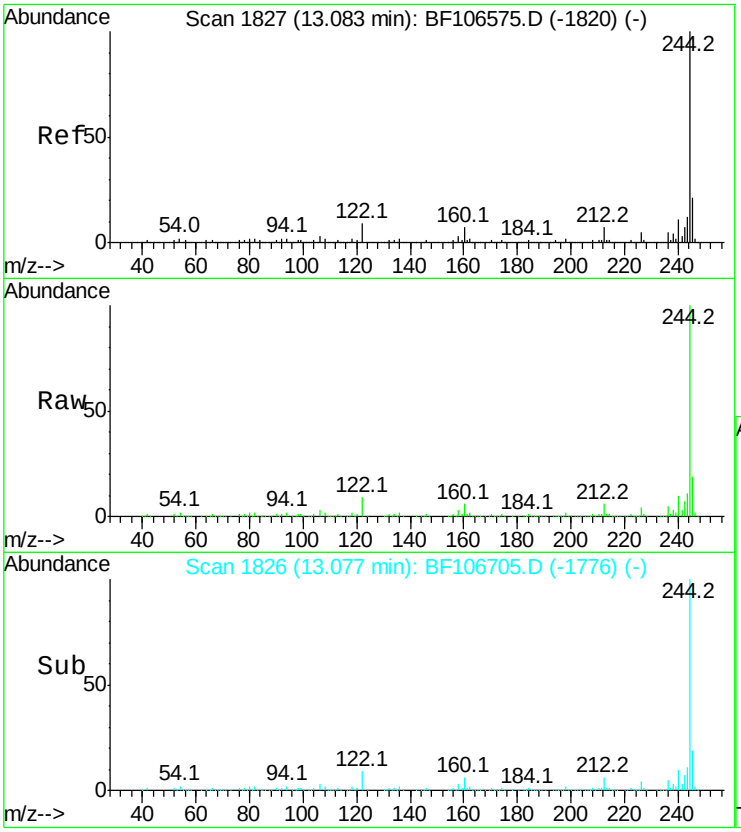


#77
Pyrene
Concen: 3.434 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF106705.D
Acq: 22 Jun 2018 13:30

Tgt Ion:202 Resp: 48549

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.4	14.3	21.5



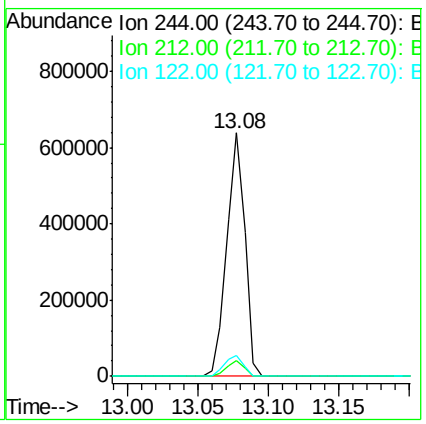


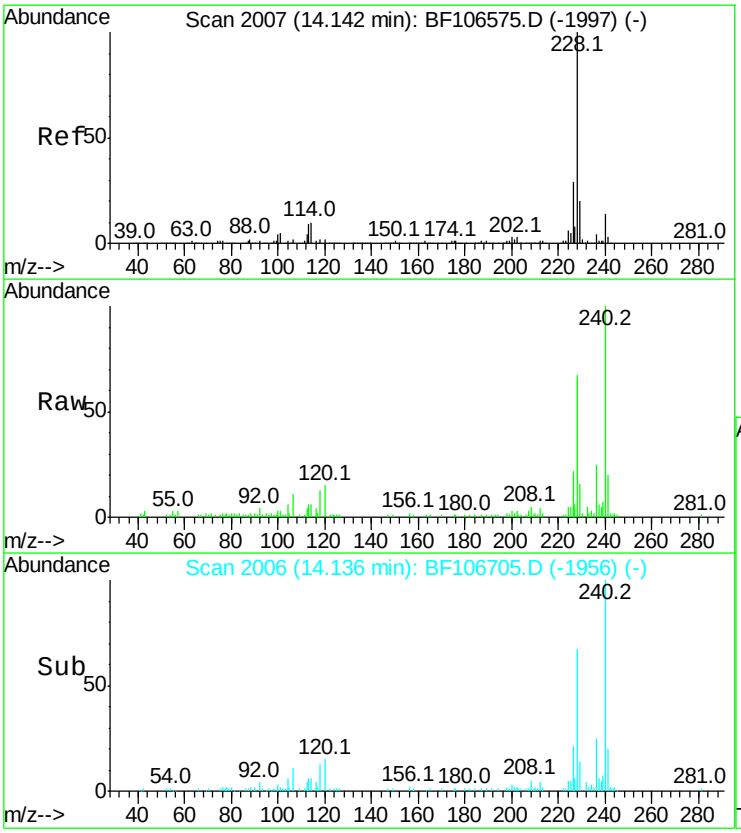
#78
Terphenyl-d14
Concen: 64.267 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106705.D
Acq: 22 Jun 2018 13:30

Instrument :
BNA_F
ClientSampleId :
26KV-TP-11

Tgt Ion:244 Resp: 568796

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	8.6	11.0	16.4#

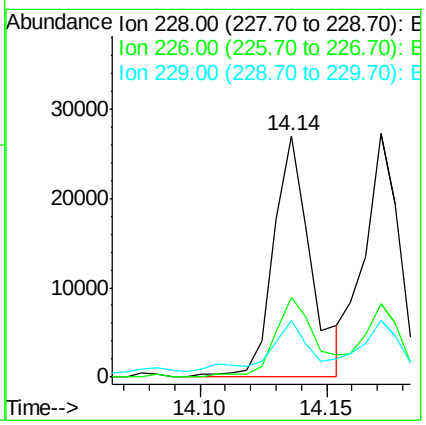


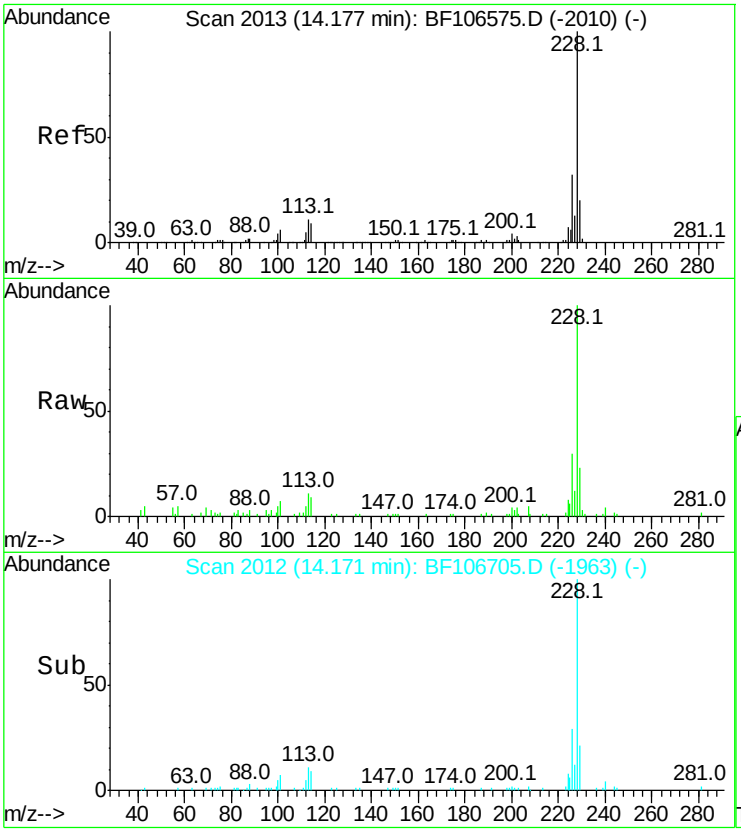


#80
Benzo(a)anthracene
Concen: 2.126 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF106705.D
Acq: 22 Jun 2018 13:30

Tgt Ion:228 Resp: 27777

Ion	Ratio	Lower	Upper
228	100		
226	32.9	22.6	33.8
229	23.6	15.8	23.6



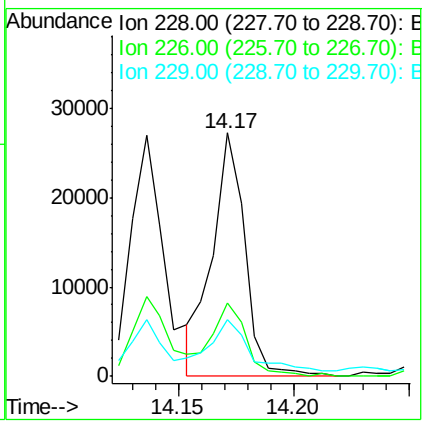


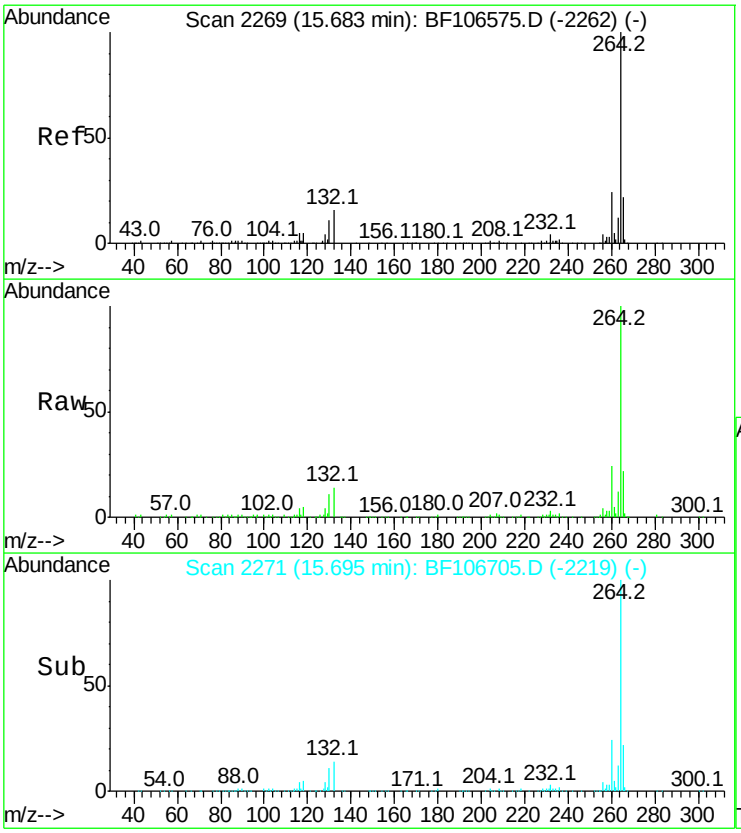
#82
Chrysene
Concen: 2.227 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF106705.D
Acq: 22 Jun 2018 13:30

Instrument :
BNA_F
ClientSampleId :
26KV-TP-11

Tgt Ion:228 Resp: 26776

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	23.4	16.2	24.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF106705.D
Acq: 22 Jun 2018 13:30

Tgt Ion:264 Resp: 216373

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.5	17.5	26.3