Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
Data File : BF102822.D
Acq On : 7 Feb 2018 18:59
Operator : SJ/JU
Sample : J1400-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-020618-A

Quant Time: Feb 08 02:52:18 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	194297	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	777820	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	344723	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	528883	20.00	ng	0.00
75) Chrysene-d12	14.04	240	371179	20.00	ng	0.00
86) Perylene-d12	15.53	264	369121	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	660111	51.60	ng	0.00
7) Phenol-d6	6.50	99	782626	50.80	ng	0.00
23) Nitrobenzene-d5	7.44	82	479928	42.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	153063	55.17	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	810569	39.02	ng	-0.01
78) Terphenyl-d14	12.99	244	571976	36.49	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.51	94	61026	3.697	ng	97
49) Dimethylphthalate	9.63	163	64765	2.410	ng	99
74) Fluoranthene	12.62	202	64536	2.178	ng	98
77) Pyrene	12.85	202	68513	2.354	ng	99

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

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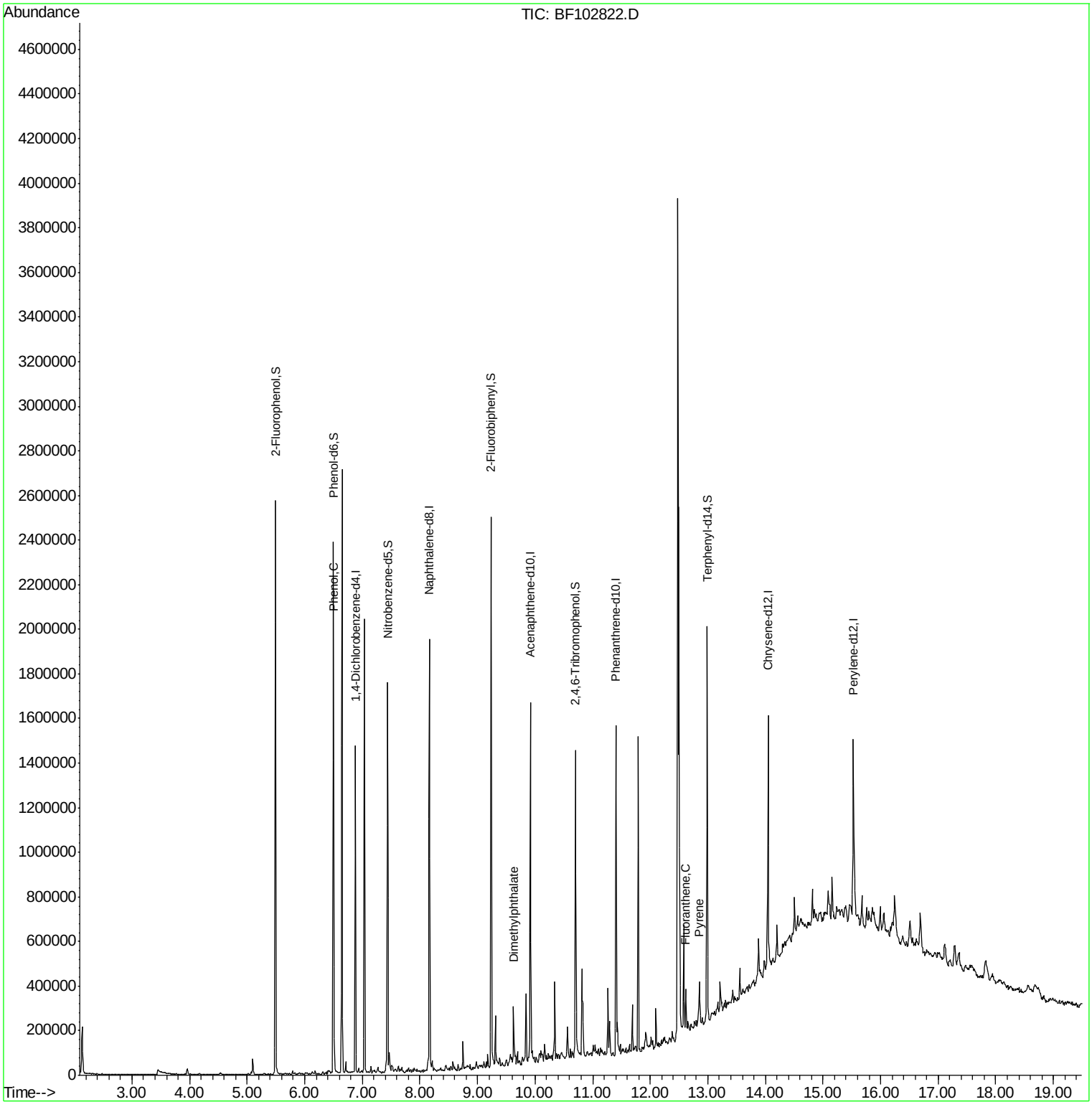
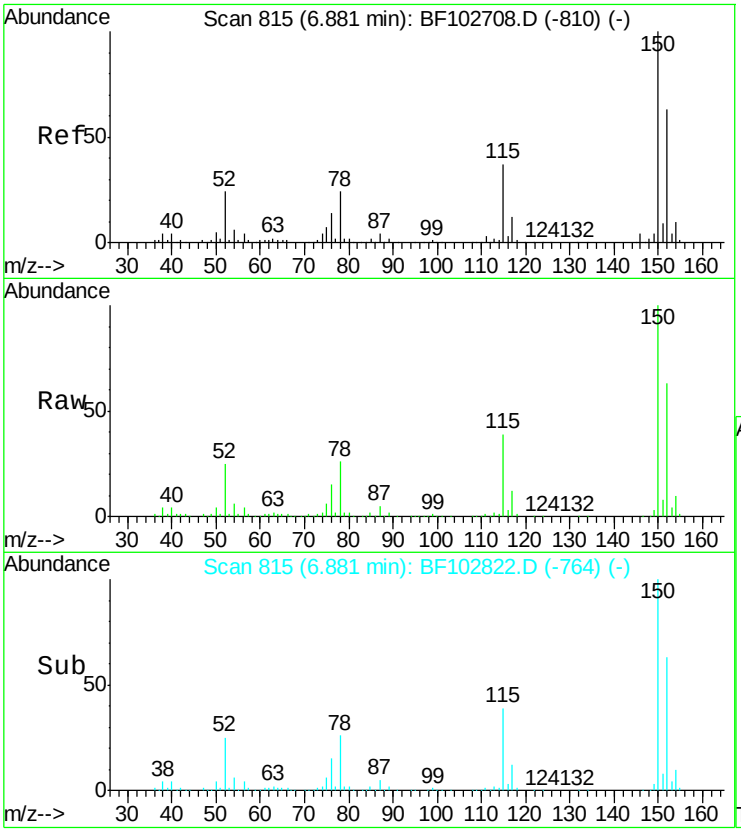


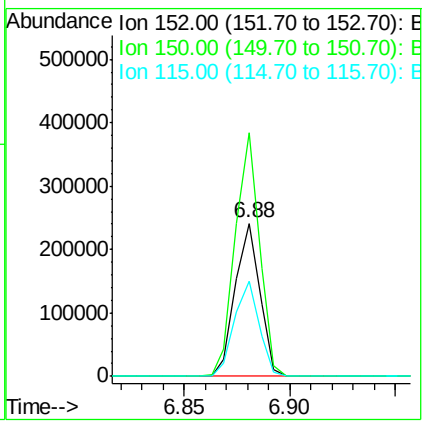


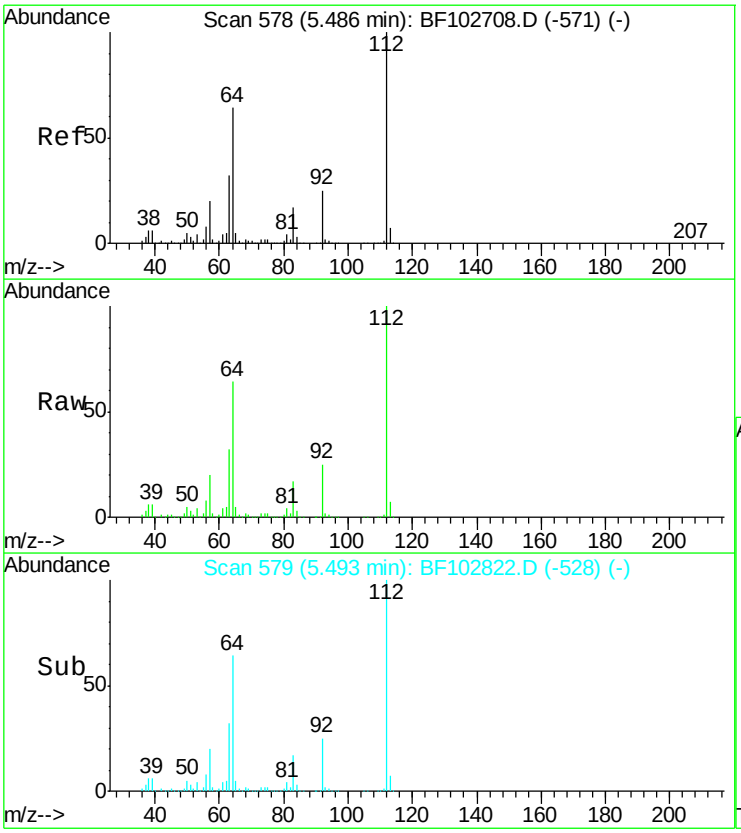
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102822.D
Acq: 7 Feb 2018 18:59

Instrument :
BNA_F
ClientSampleId :
EO-01-020618-A

Tgt Ion:152 Resp: 194297

Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	62.1	50.1	75.1

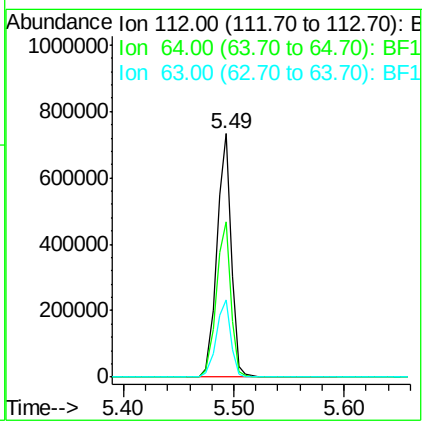


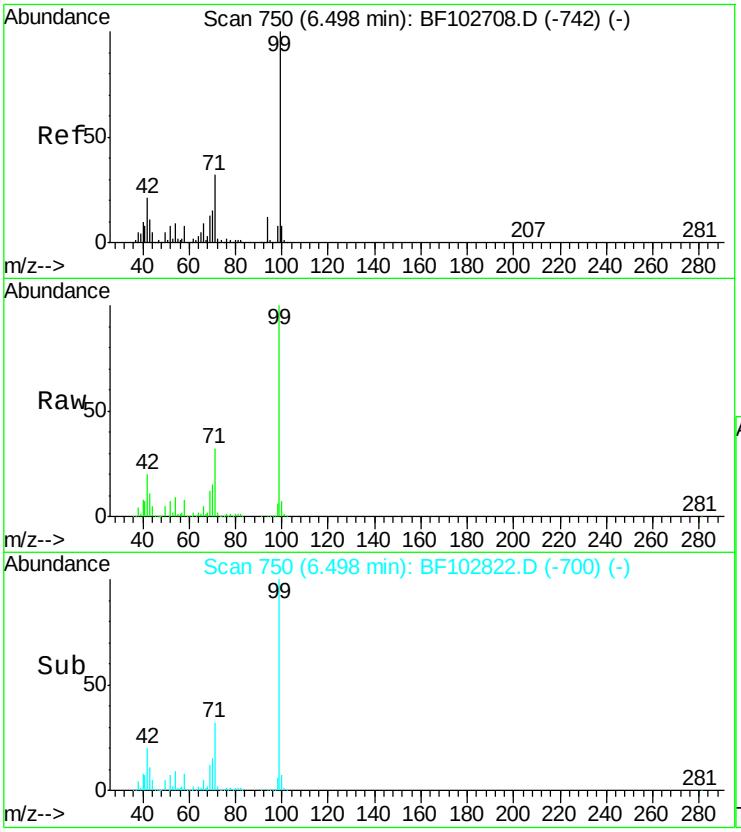


#5
2-Fluorophenol
Concen: 51.596 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF102822.D
Acq: 7 Feb 2018 18:59

Tgt Ion:112 Resp: 660111

Ion	Ratio	Lower	Upper
112	100		
64	63.9	47.9	71.9
63	31.7	23.7	35.5



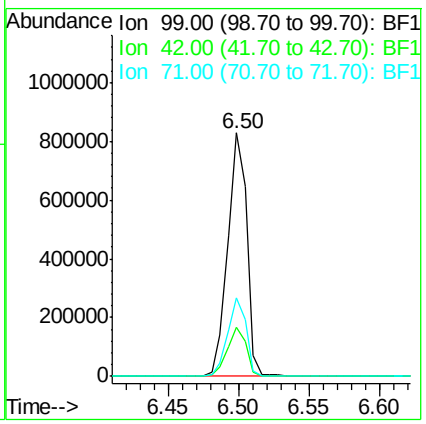


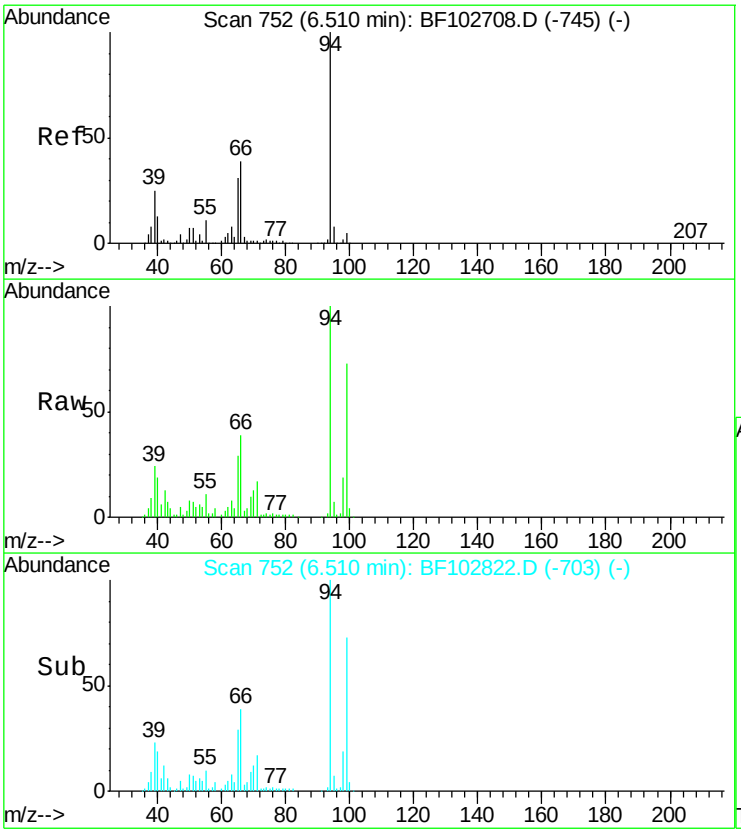
#7
Phenol-d6
Concen: 50.804 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF102822.D
Acq: 7 Feb 2018 18:59

Instrument :
BNA_F
ClientSampleId :
EO-01-020618-A

Tgt Ion: 99 Resp: 782626

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	32.1	25.4	38.0

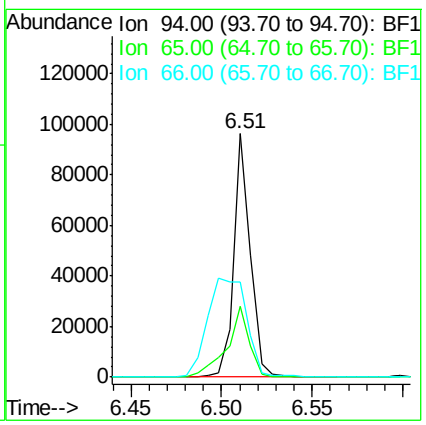


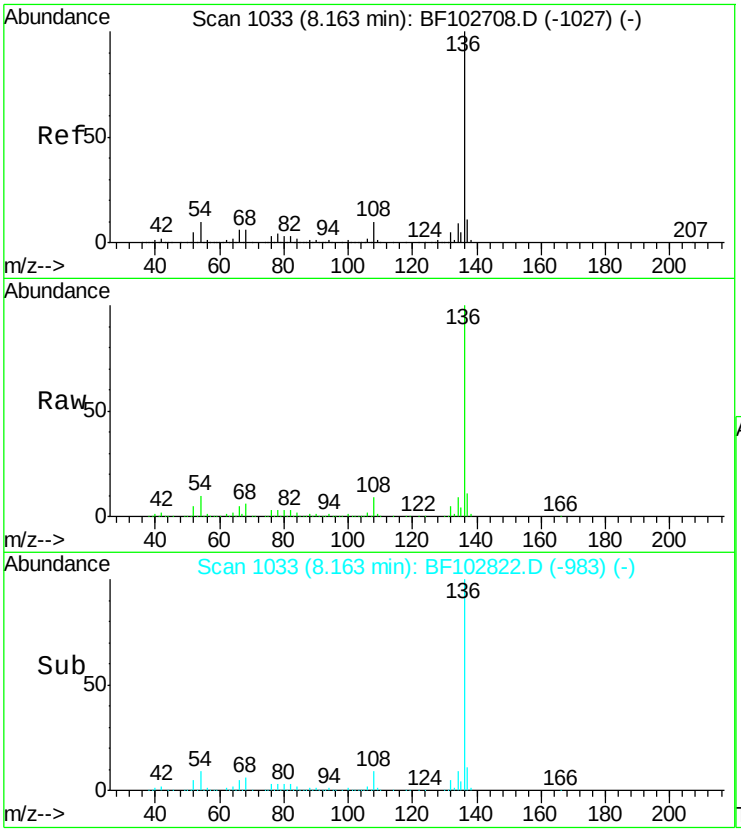


#10
Phenol
Concen: 3.697 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF102822.D
Acq: 7 Feb 2018 18:59

Tgt Ion: 94 Resp: 61026

Ion	Ratio	Lower	Upper
94	100		
65	28.9	7.9	47.9
66	38.9	16.2	56.2



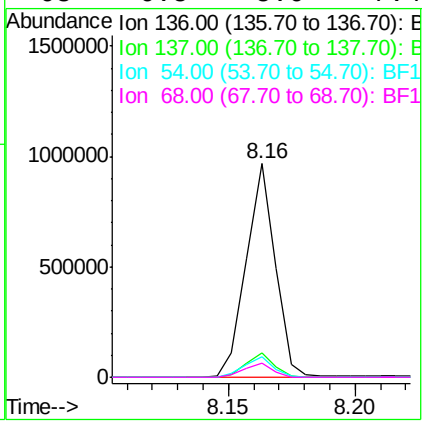


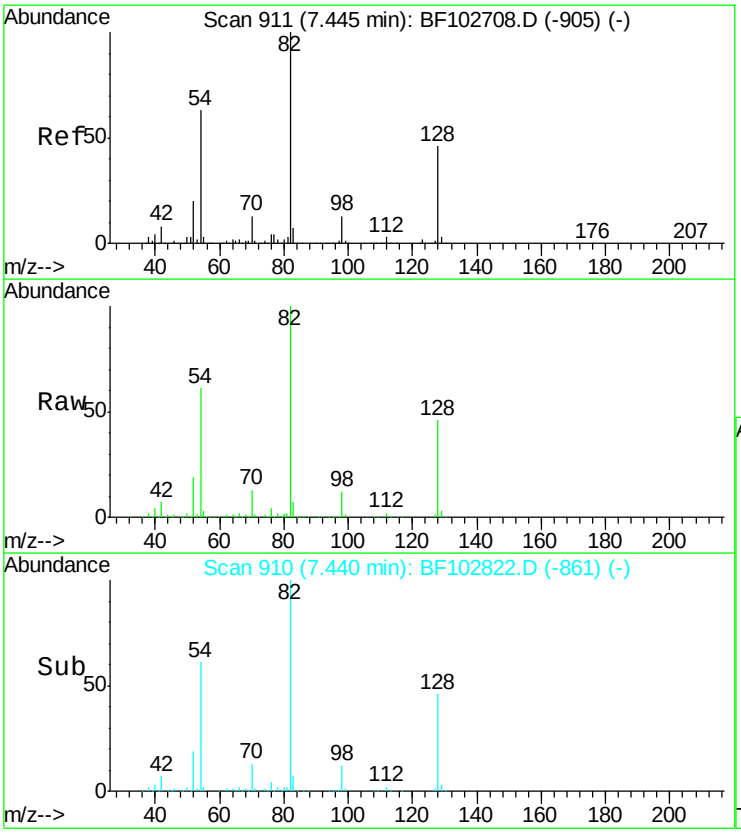
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF102822.D
Acq: 7 Feb 2018 18:59

Instrument :
BNA_F
ClientSampleId :
EO-01-020618-A

Tgt Ion:136 Resp: 777820

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.5	6.6	9.8
68	6.5	5.0	7.4

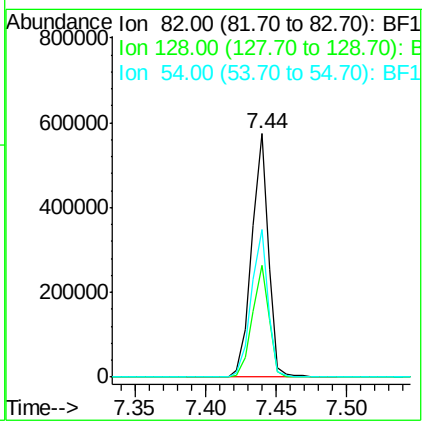


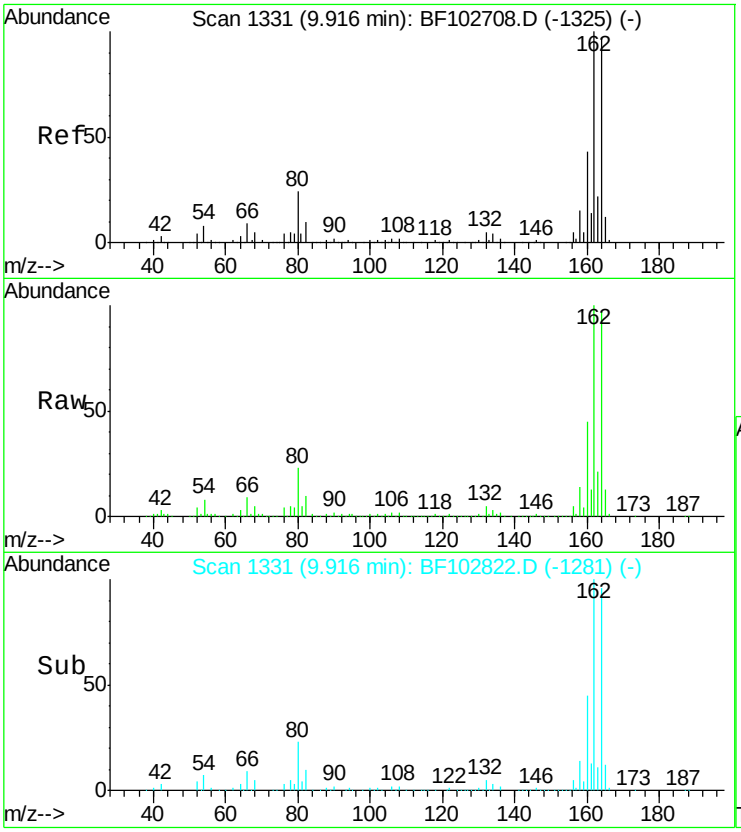


#23
Nitrobenzene-d5
Concen: 42.803 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF102822.D
Acq: 7 Feb 2018 18:59

Tgt Ion: 82 Resp: 479928

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	60.6	41.4	62.2



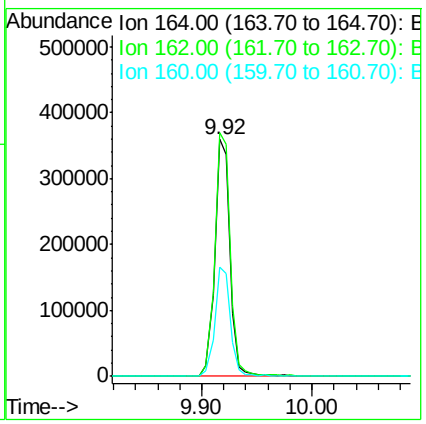


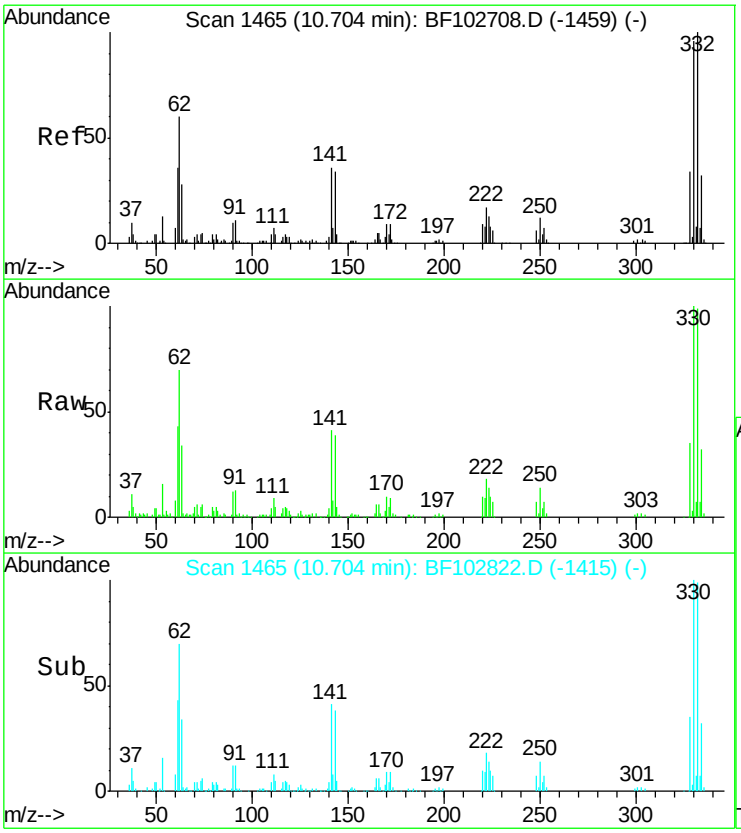
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF102822.D
Acq: 7 Feb 2018 18:59

Instrument :
BNA_F
ClientSampleId :
EO-01-020618-A

Tgt Ion:164 Resp: 344723

Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	46.0	38.3	57.5

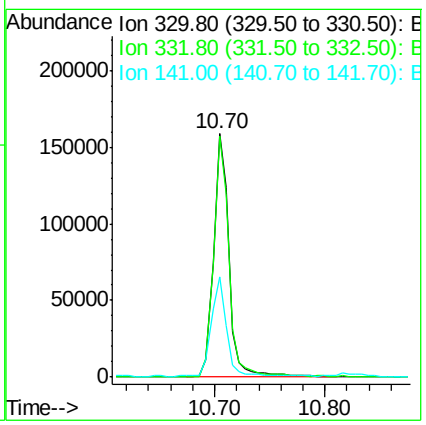


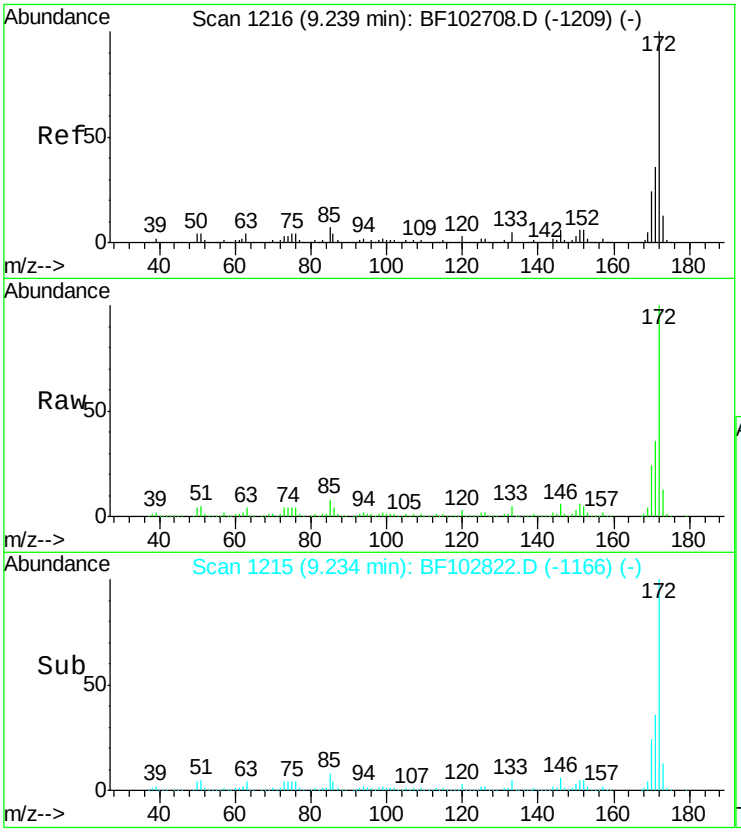


#41
2,4,6-Tribromophenol
Concen: 55.165 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF102822.D
Acq: 7 Feb 2018 18:59

Tgt Ion:330 Resp: 153063

Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.0	115.6
141	40.6	29.9	44.9



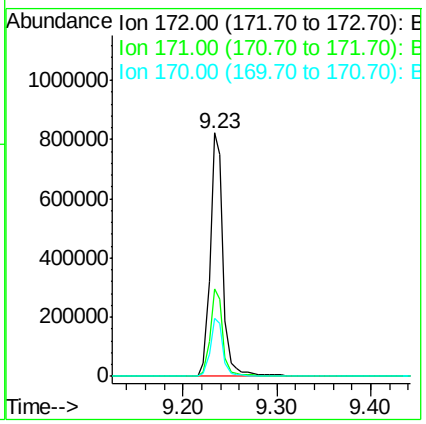


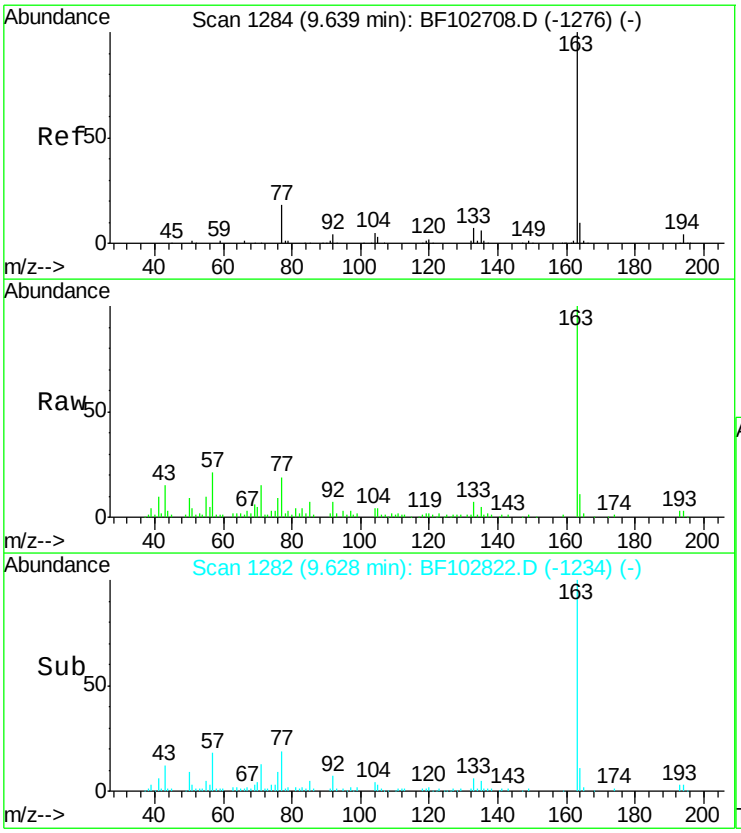
#44
2-Fluorobiphenyl
Concen: 39.017 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF102822.D
Acq: 7 Feb 2018 18:59

Instrument :
BNA_F
ClientSampleId :
EO-01-020618-A

Tgt Ion:172 Resp: 810569

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.1	19.6	29.4

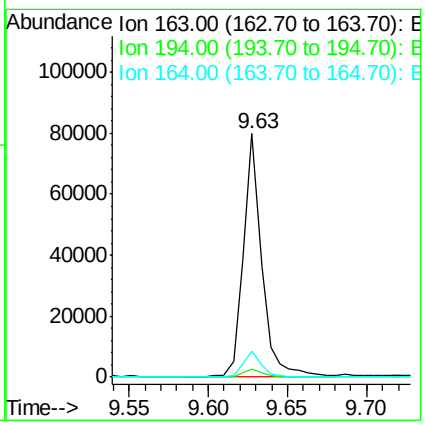


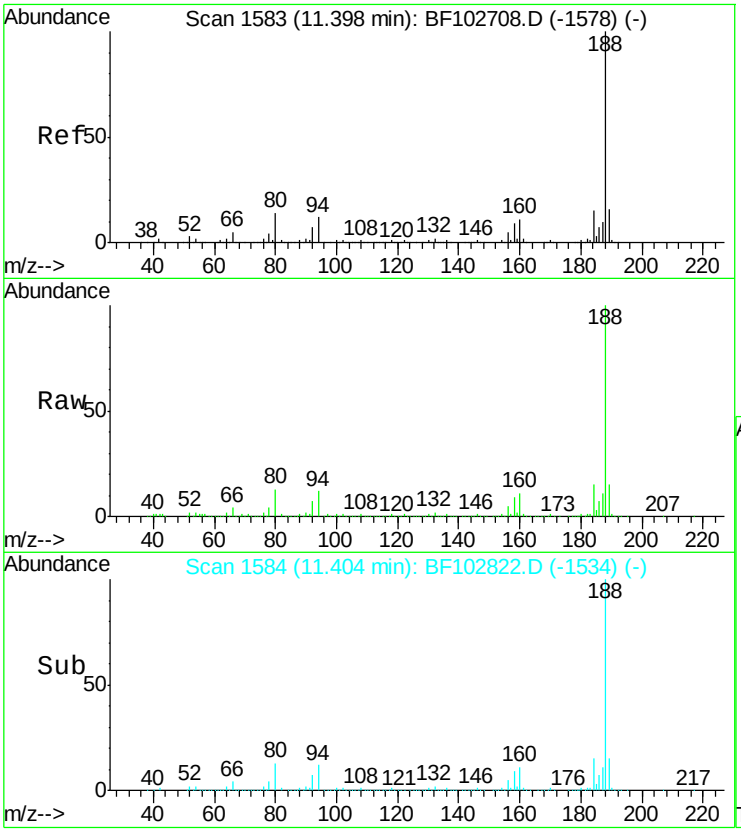


#49
Dimethylphthalate
Concen: 2.410 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF102822.D
Acq: 7 Feb 2018 18:59

Tgt Ion:163 Resp: 64765

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.7	8.2	12.2



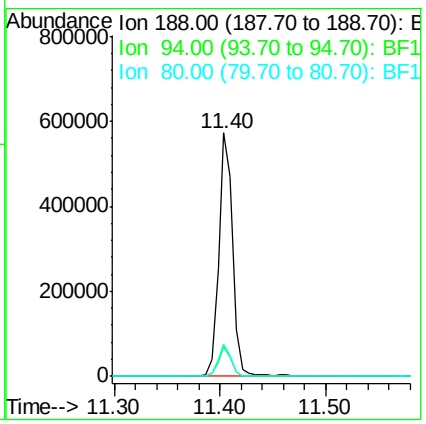


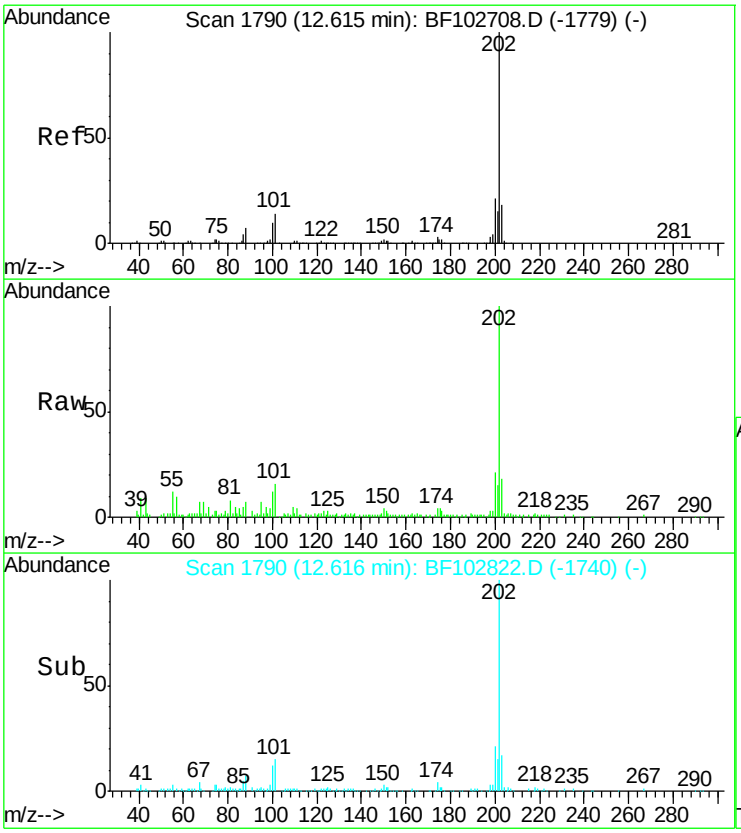
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF102822.D
Acq: 7 Feb 2018 18:59

Instrument :
BNA_F
ClientSampleId :
EO-01-020618-A

Tgt Ion:188 Resp: 528883

Ion	Ratio	Lower	Upper
188	100		
94	12.3	8.5	12.7
80	13.1	9.2	13.8

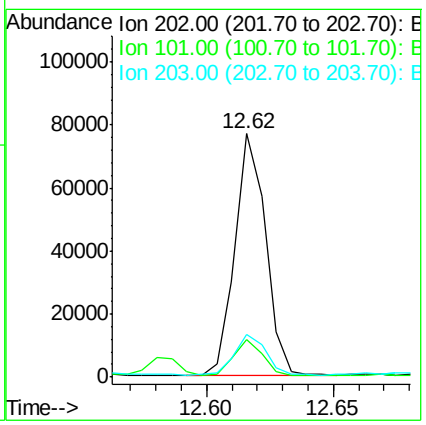


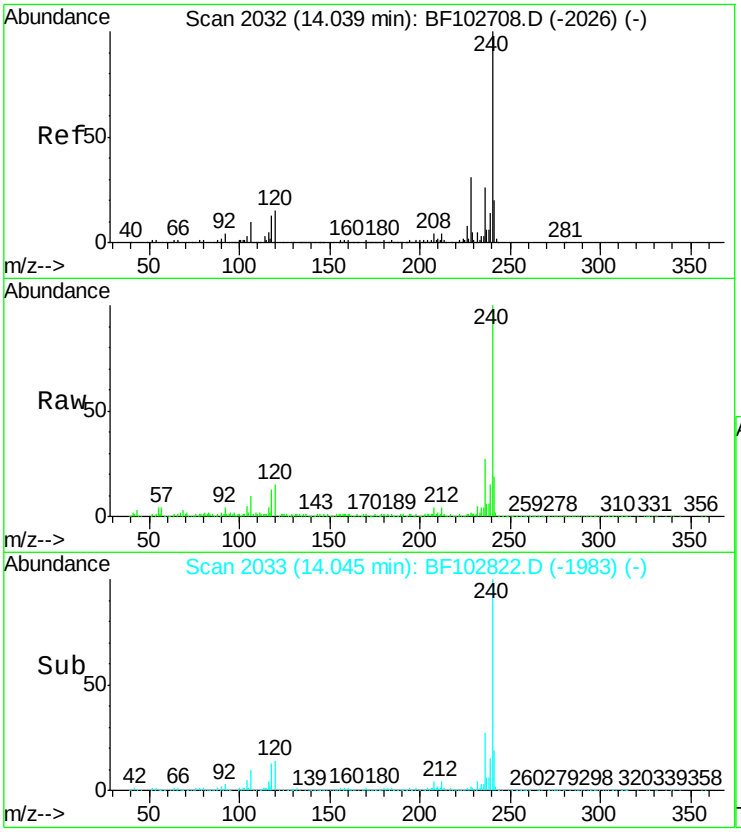


#74
Fluoranthene
Concen: 2.178 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF102822.D
Acq: 7 Feb 2018 18:59

Tgt Ion:202 Resp: 64536

Ion	Ratio	Lower	Upper
202	100		
101	15.6	0.0	34.1
203	17.6	0.0	38.1



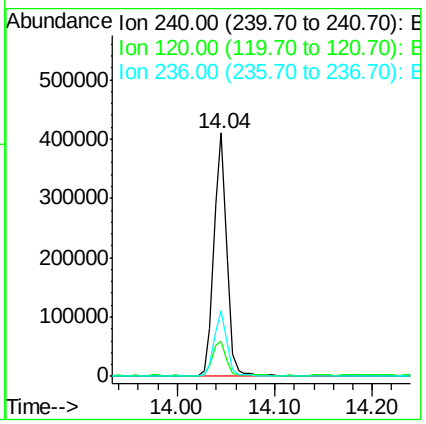


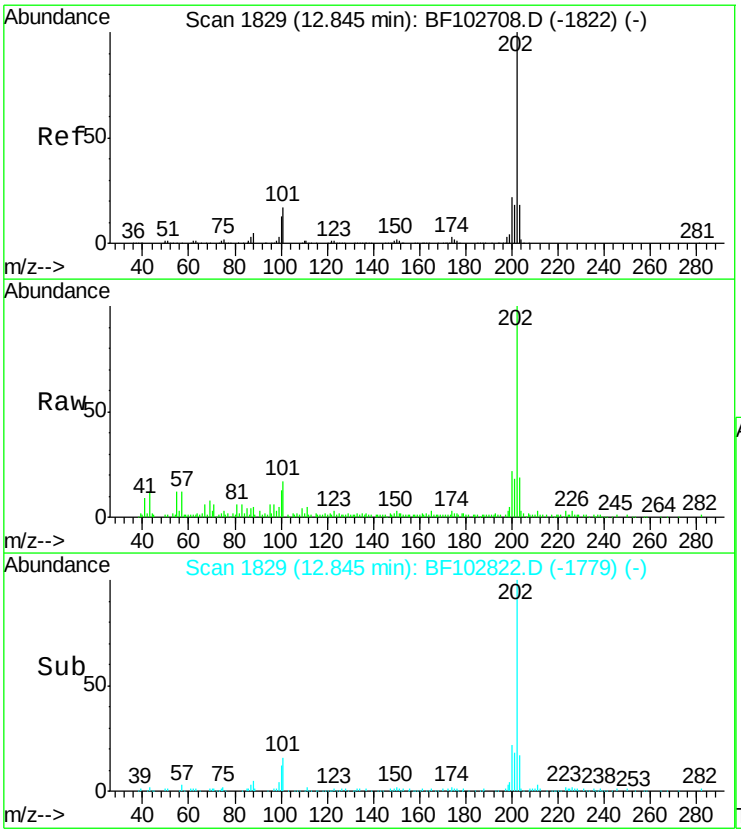
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF102822.D
Acq: 7 Feb 2018 18:59

Instrument :
BNA_F
ClientSampleId :
EO-01-020618-A

Tgt Ion:240 Resp: 371179

Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.5	14.3#
236	27.1	20.7	31.1

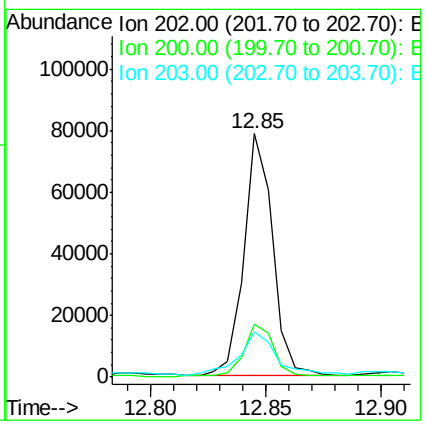


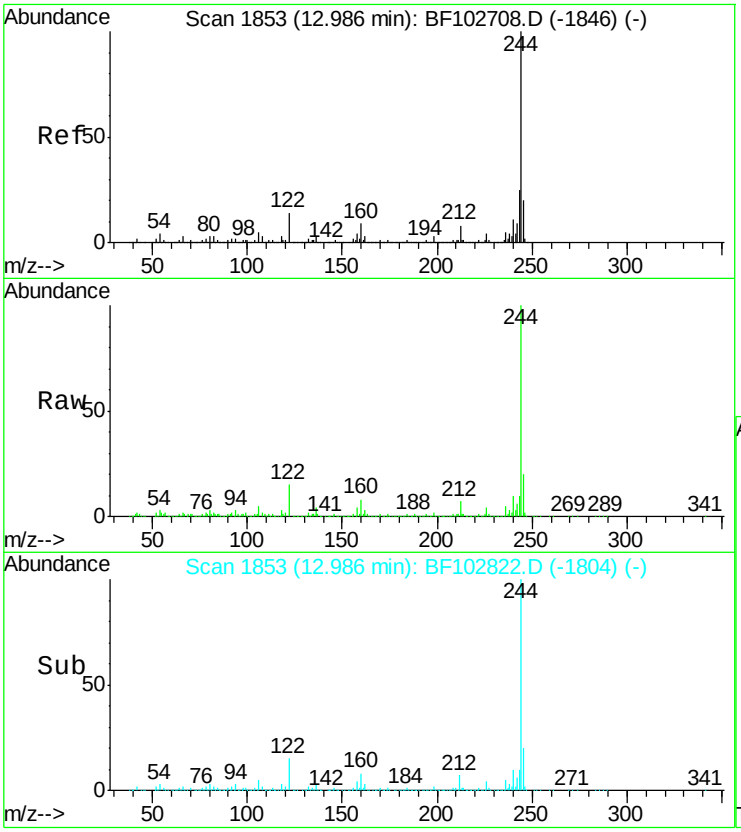


#77
Pyrene
Concen: 2.354 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF102822.D
Acq: 7 Feb 2018 18:59

Tgt Ion:202 Resp: 68513

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.7	14.3	21.5



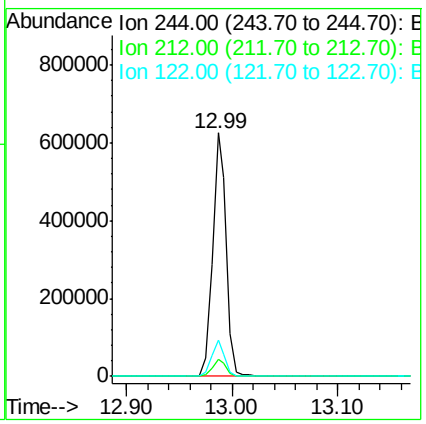


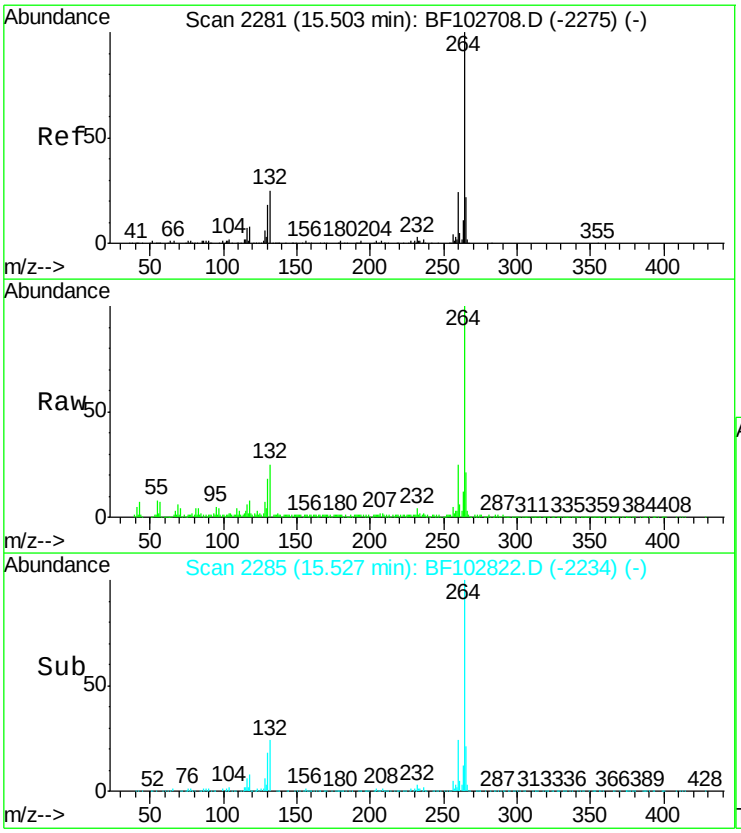
#78
Terphenyl-d14
Concen: 36.487 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF102822.D
Acq: 7 Feb 2018 18:59

Instrument :
BNA_F
ClientSampleId :
EO-01-020618-A

Tgt Ion:244 Resp: 571976

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	15.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BF102822.D
Acq: 7 Feb 2018 18:59

Tgt Ion:264 Resp: 369121

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.4	17.5	26.3