Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020818\
Data File : BF102869.D
Acq On : 8 Feb 2018 21:10
Operator : SJ/JU
Sample : J1471-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-17

Quant Time: Feb 09 01:00:08 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	6.89	152	168342	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	671050	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	251125	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	350357	20.00	ng	0.00
75) Chrysene-d12	14.06	240	324856	20.00	ng	0.00
86) Perylene-d12	15.54	264	245750	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1252350	112.98	ng	0.02
7) Phenol-d6	6.52	99	1478931	110.81	ng	0.01
23) Nitrobenzene-d5	7.45	82	947018	97.90	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	198865	98.39	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1221619	80.72	ng	0.00
78) Terphenyl-d14	13.00	244	820326	59.79	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.53	94	35494	2.481	ng	94
49) Dimethylphthalate	9.63	163	89893	4.591	ng	99
79) Butylbenzylphthalate	13.47	149	15206	2.246	ng	95

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

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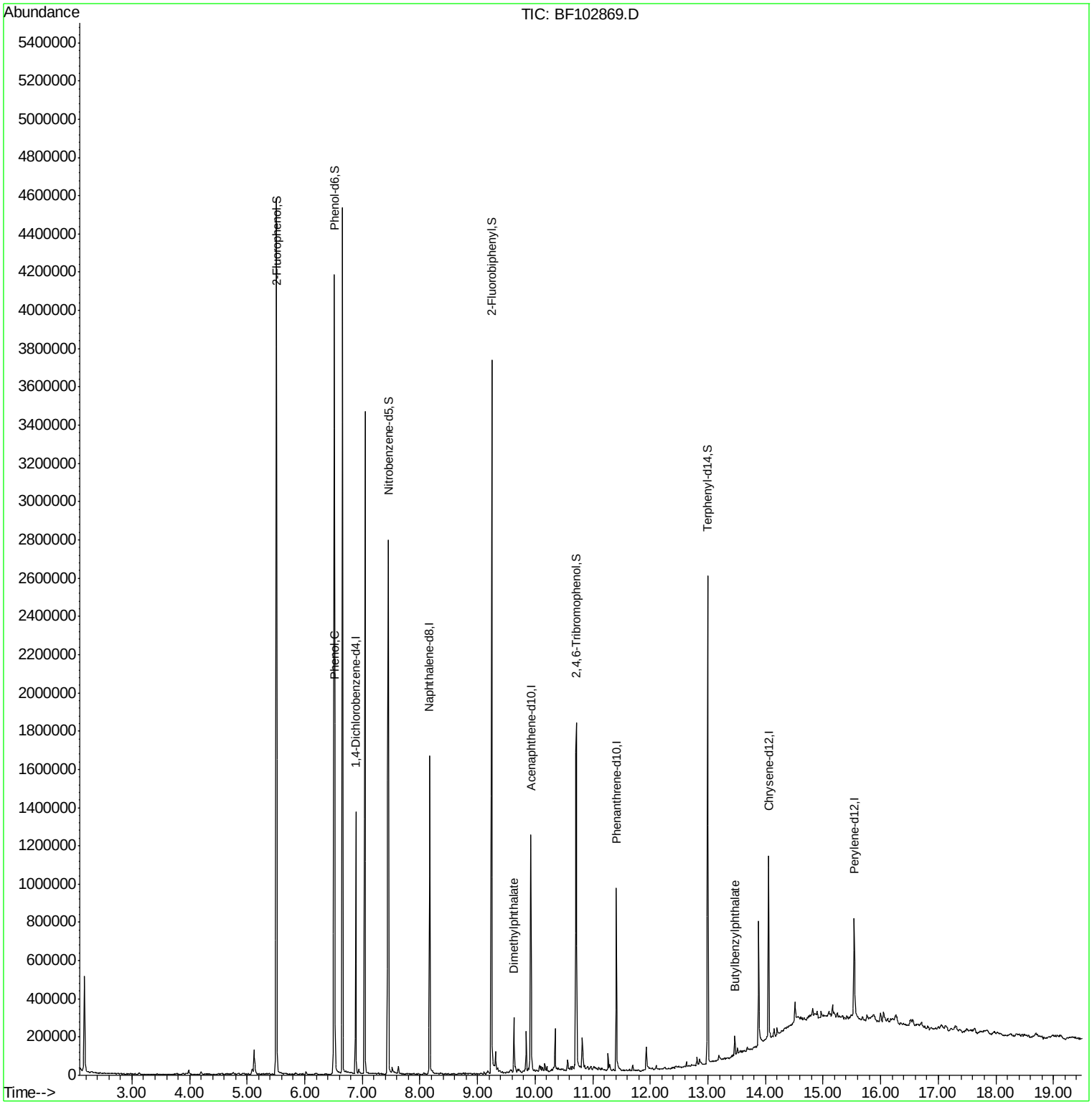
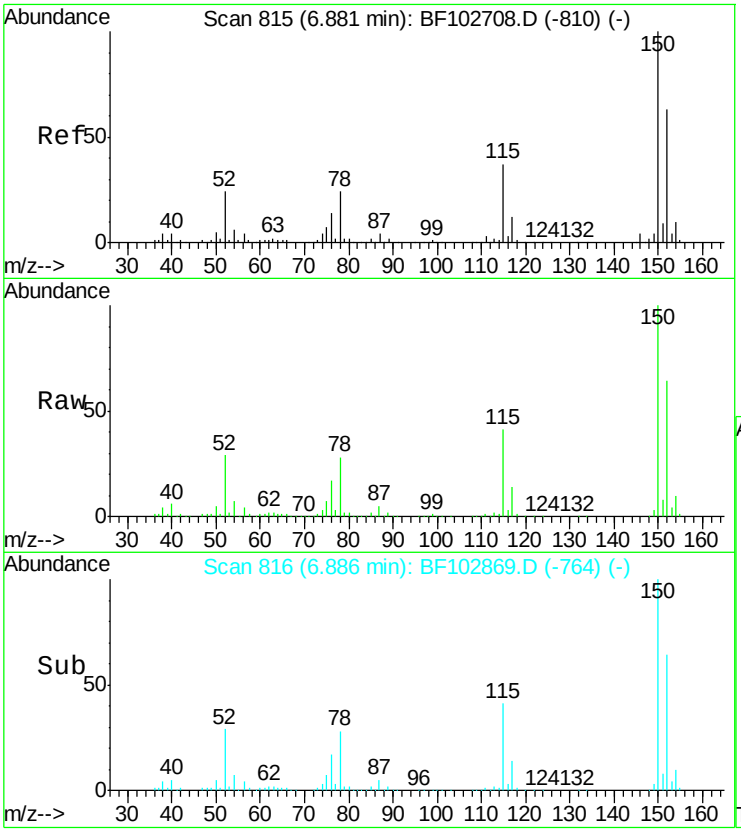


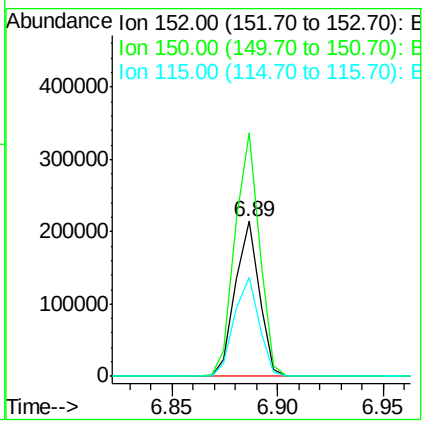


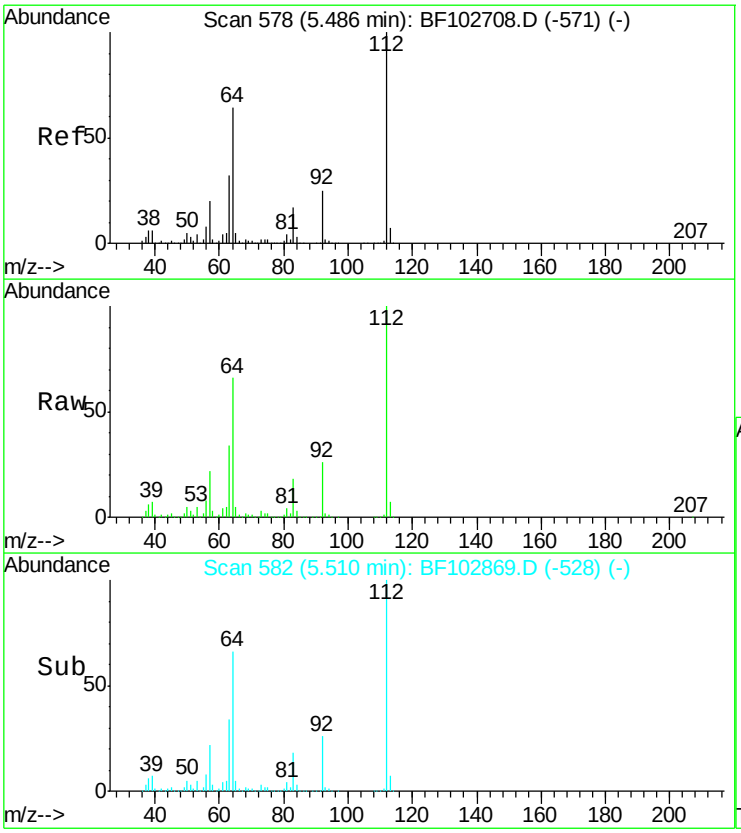
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102869.D
Acq: 8 Feb 2018 21:10

Instrument :
BNA_F
ClientSampleId :
3N-17

Tgt Ion:152 Resp: 168342

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	64.3	50.1	75.1

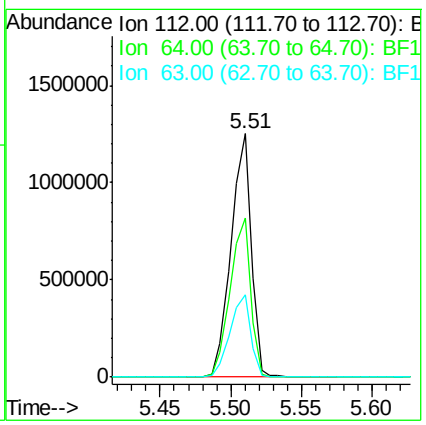


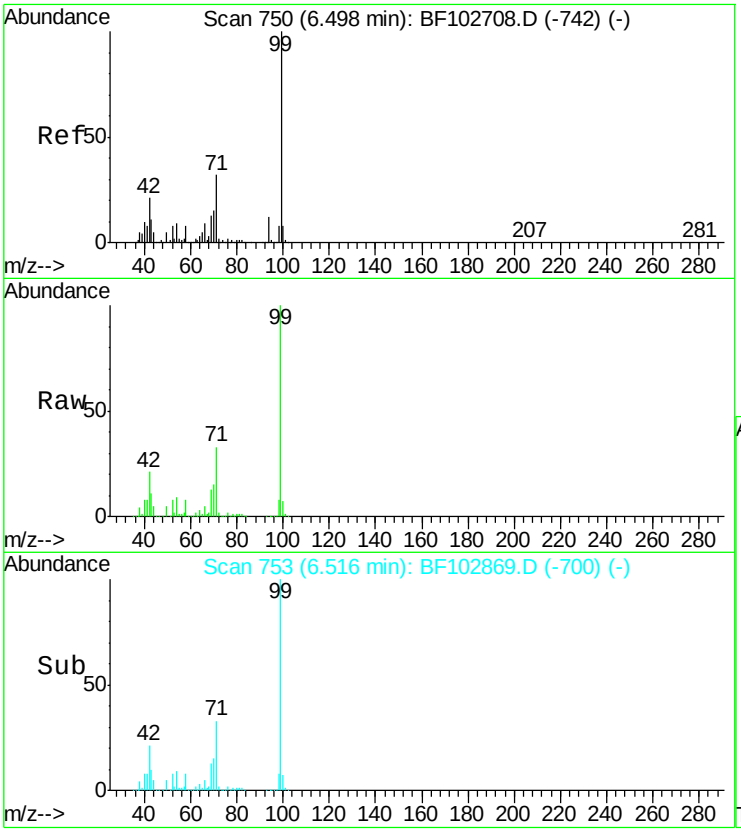


#5
2-Fluorophenol
Concen: 112.978 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF102869.D
Acq: 8 Feb 2018 21:10

Tgt Ion:112 Resp: 1252350

Ion	Ratio	Lower	Upper
112	100		
64	65.5	47.9	71.9
63	33.9	23.7	35.5



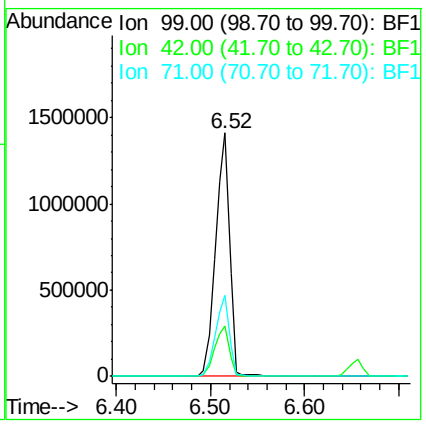


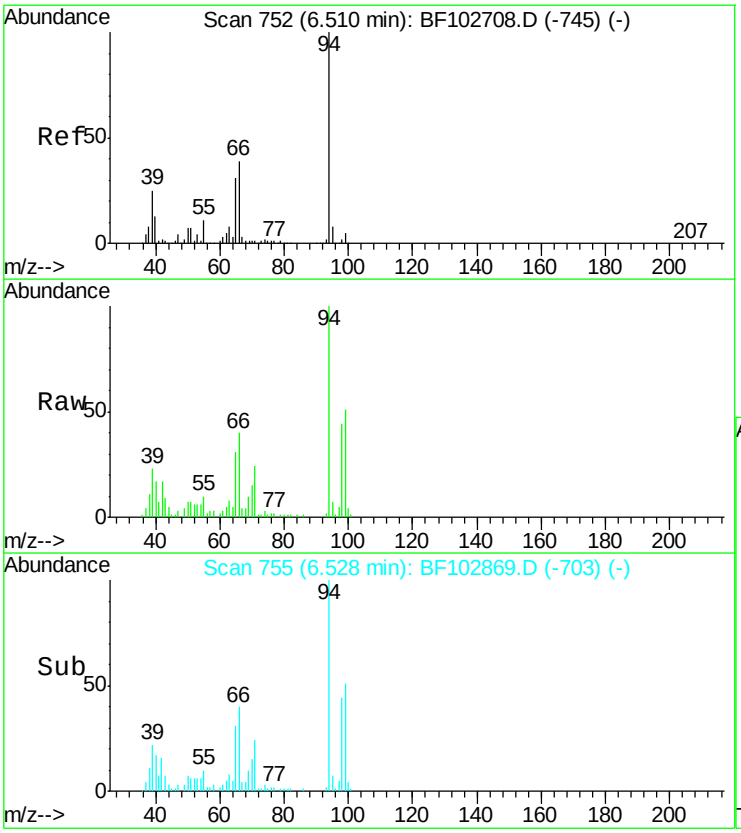
#7
Phenol-d6
Concen: 110.807 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF102869.D
Acq: 8 Feb 2018 21:10

Instrument :
BNA_F
ClientSampleId :
3N-17

Tgt Ion: 99 Resp: 1478931

Ion	Ratio	Lower	Upper
99	100		
42	20.8	14.5	21.7
71	33.4	25.4	38.0

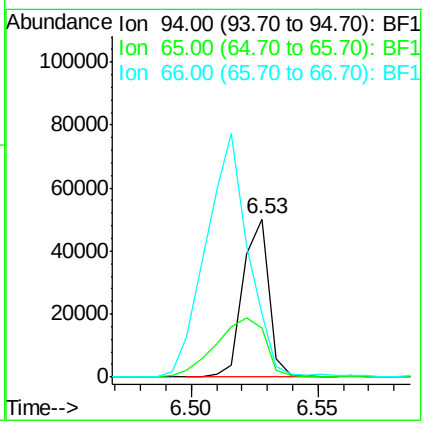


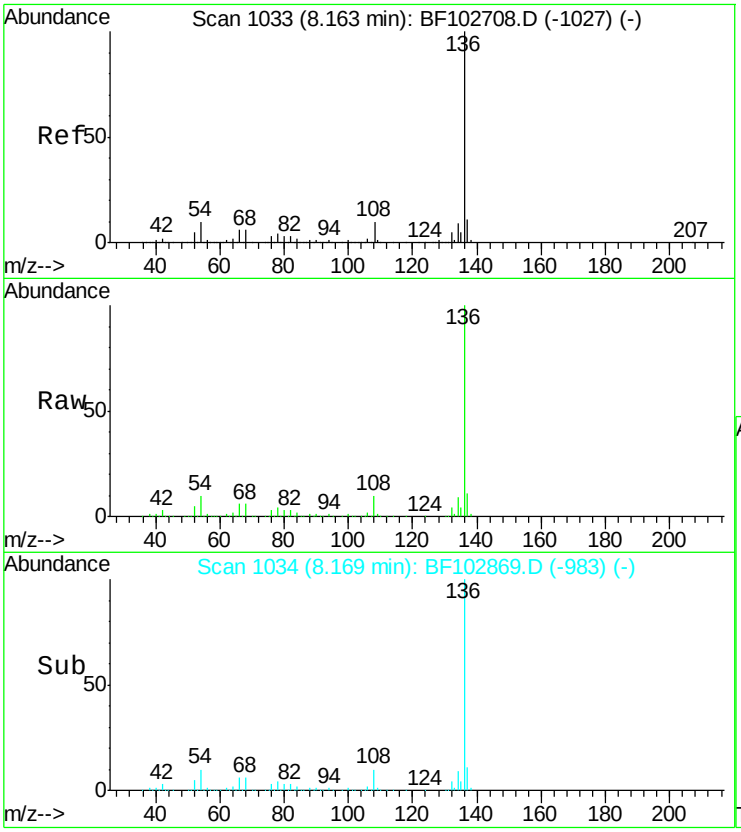


#10
Phenol
Concen: 2.481 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF102869.D
Acq: 8 Feb 2018 21:10

Tgt Ion: 94 Resp: 35494

Ion	Ratio	Lower	Upper
94	100		
65	30.8	7.9	47.9
66	40.3	16.2	56.2



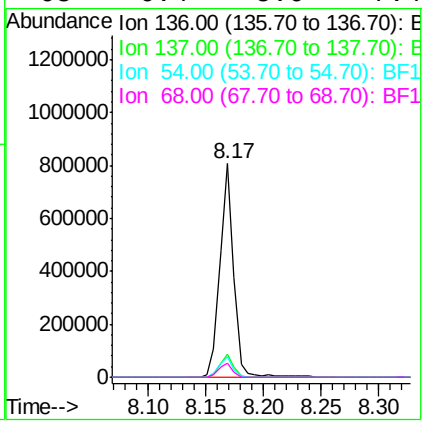


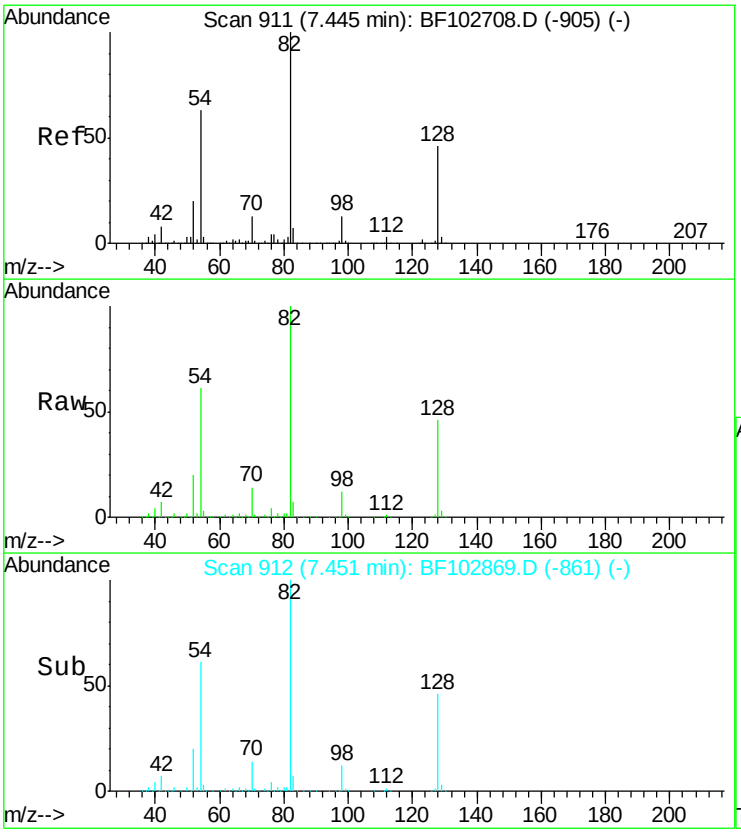
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF102869.D
Acq: 8 Feb 2018 21:10

Instrument :
BNA_F
ClientSampleId :
3N-17

Tgt Ion:136 Resp: 671050

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.9	6.6	9.8#
68	6.4	5.0	7.4

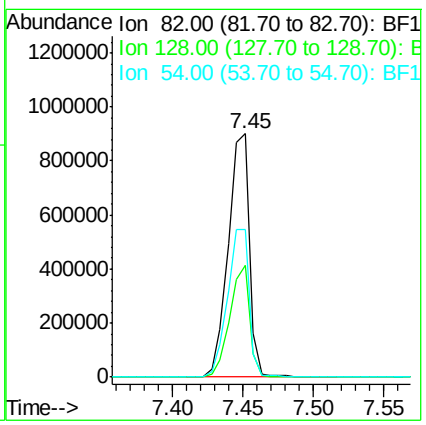


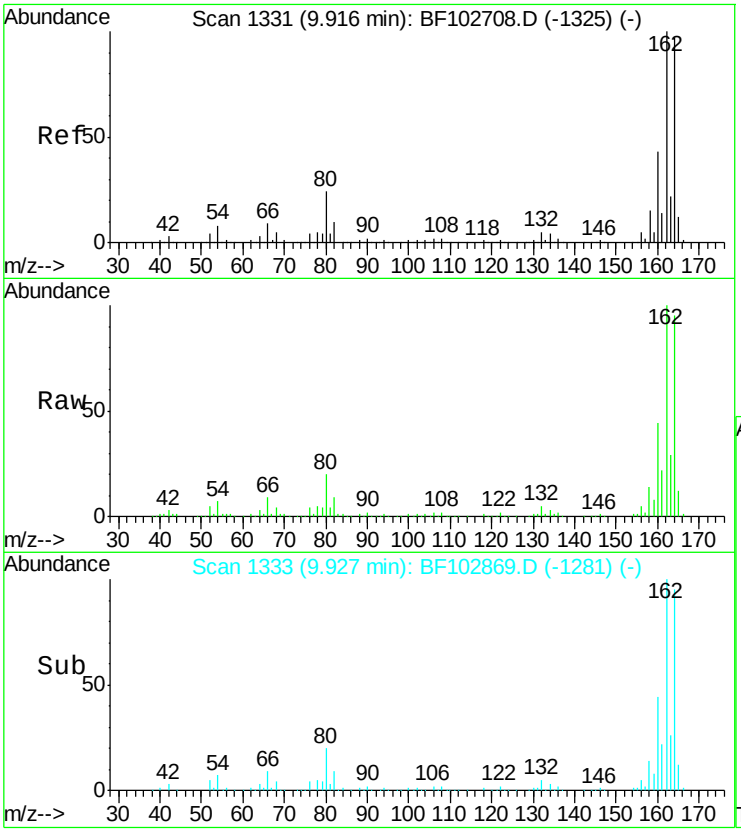


#23
Nitrobenzene-d5
Concen: 97.899 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BF102869.D
Acq: 8 Feb 2018 21:10

Tgt Ion: 82 Resp: 947018

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	60.7	41.4	62.2



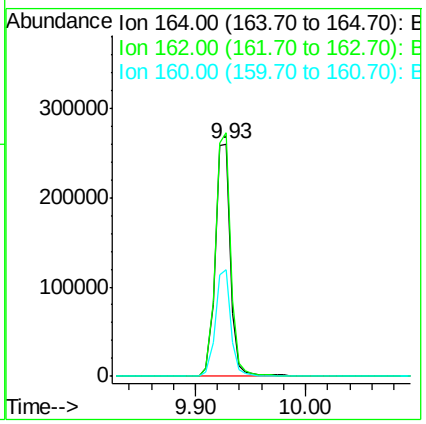


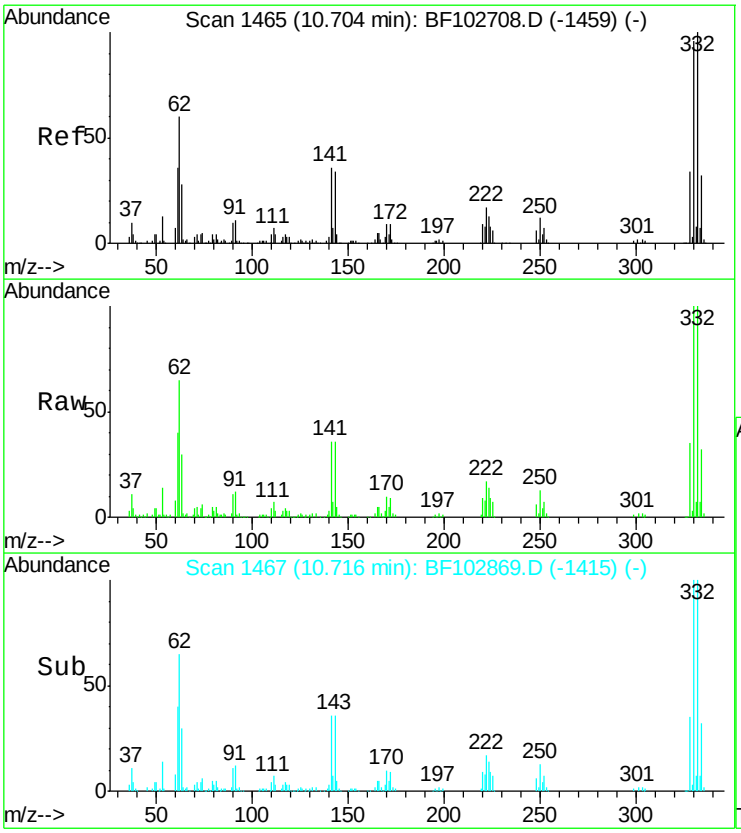
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF102869.D
Acq: 8 Feb 2018 21:10

Instrument :
BNA_F
ClientSampleId :
3N-17

Tgt Ion:164 Resp: 251125

Ion	Ratio	Lower	Upper
164	100		
162	104.9	86.1	129.1
160	45.7	38.3	57.5

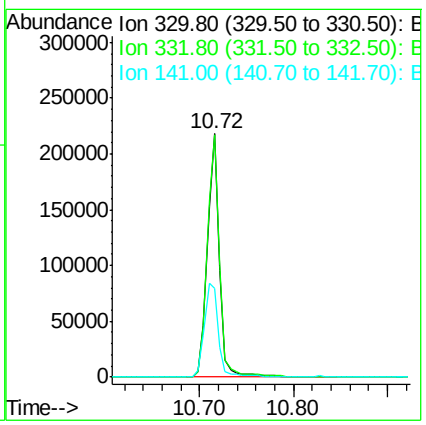


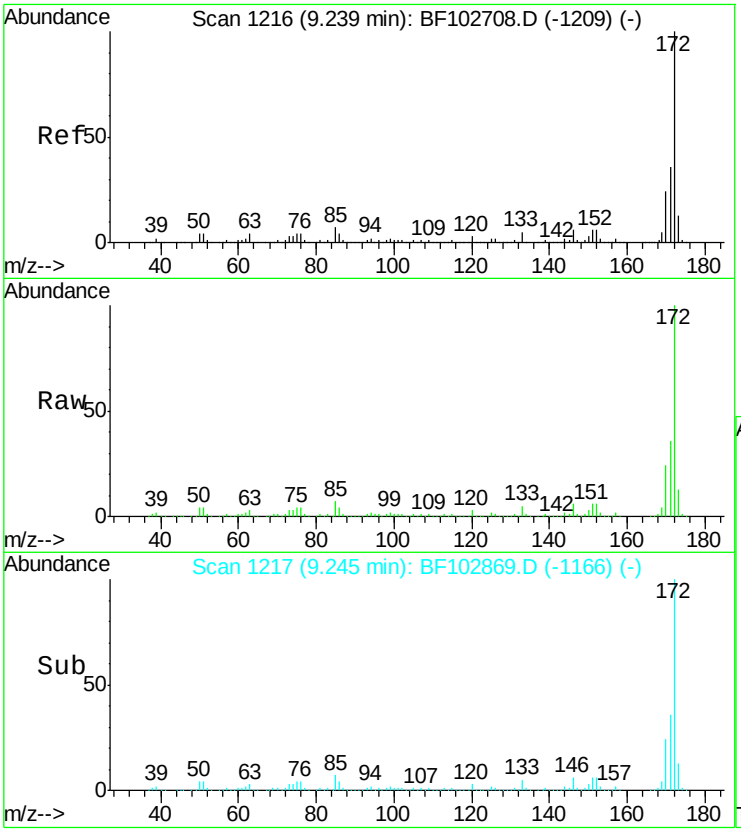


#41
2,4,6-Tribromophenol
Concen: 98.387 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF102869.D
Acq: 8 Feb 2018 21:10

Tgt Ion:330 Resp: 198865

Ion	Ratio	Lower	Upper
330	100		
332	101.7	77.0	115.6
141	45.2	29.9	44.9#



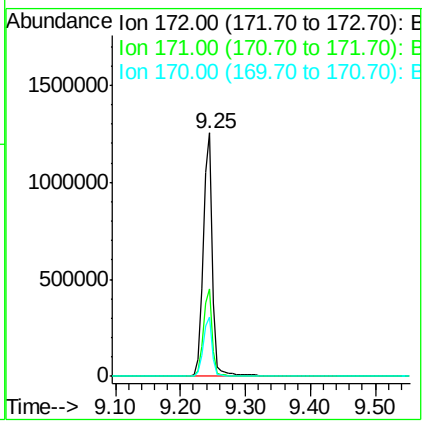


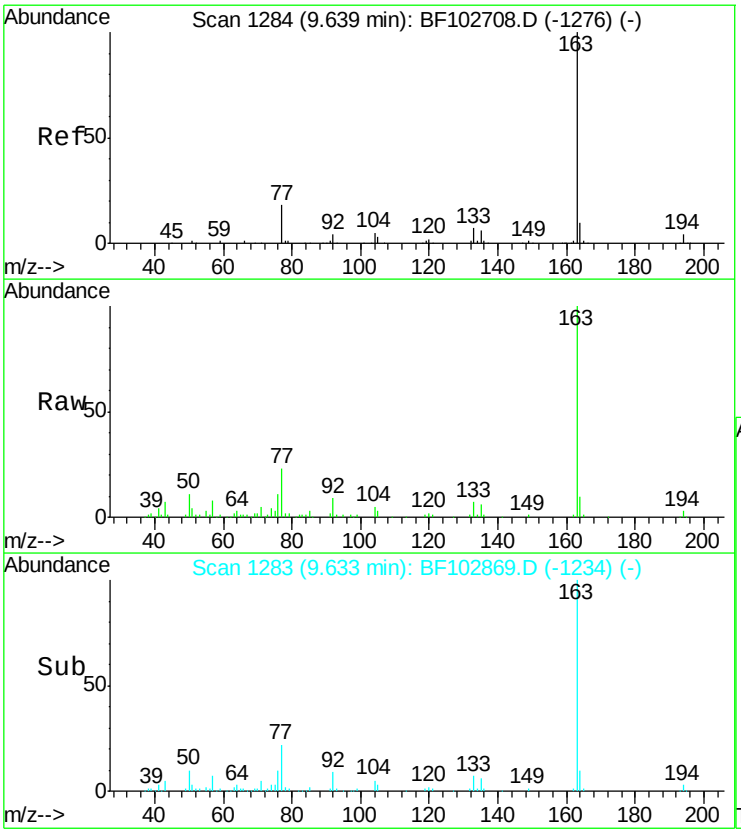
#44
2-Fluorobiphenyl
Concen: 80.721 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF102869.D
Acq: 8 Feb 2018 21:10

Instrument :
BNA_F
ClientSampleId :
3N-17

Tgt Ion:172 Resp: 1221619

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.3	19.6	29.4

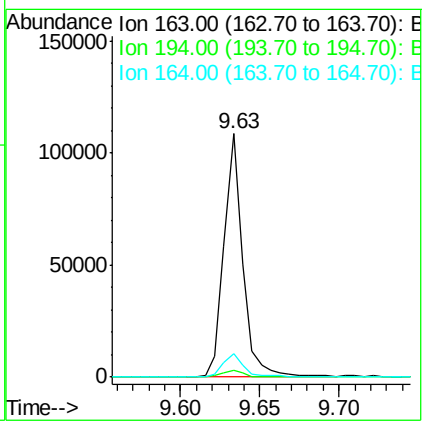


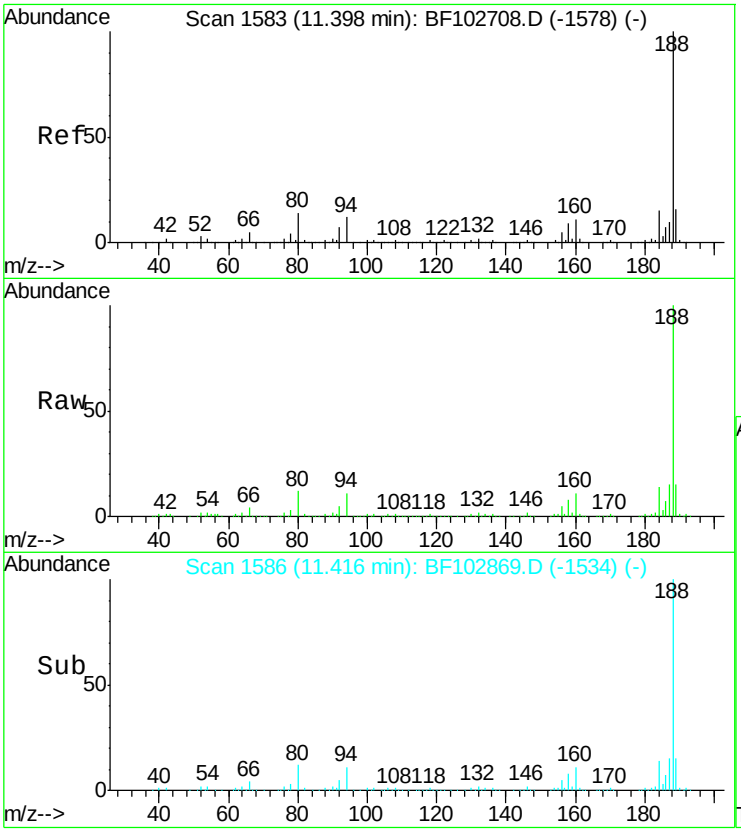


#49
Dimethylphthalate
Concen: 4.591 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102869.D
Acq: 8 Feb 2018 21:10

Tgt Ion:163 Resp: 89893

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.7	4.1
164	9.9	8.2	12.2



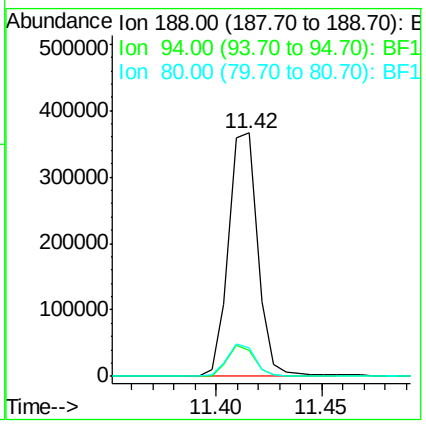


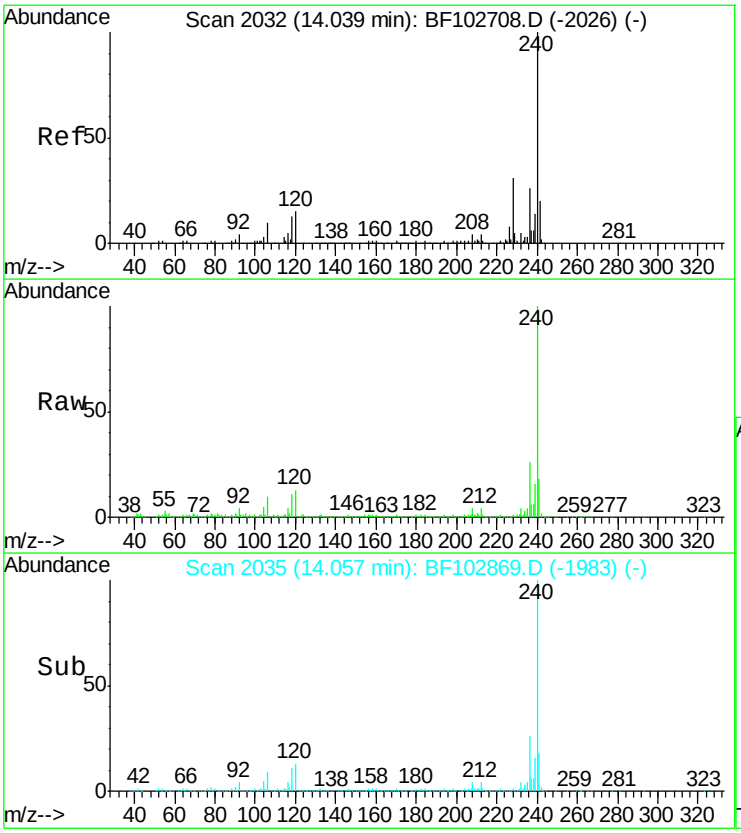
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF102869.D
Acq: 8 Feb 2018 21:10

Instrument :
BNA_F
ClientSampleId :
3N-17

Tgt Ion:188 Resp: 350357

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.8	9.2	13.8

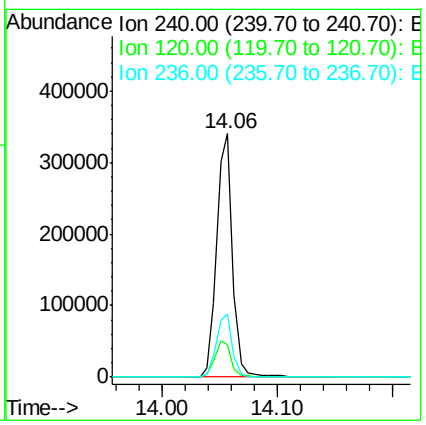


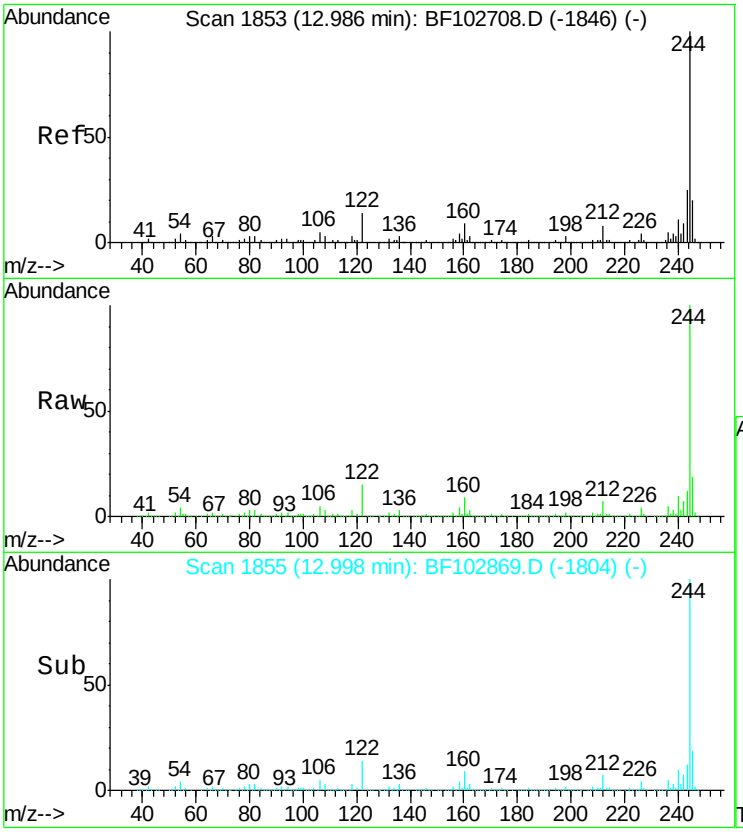


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF102869.D
Acq: 8 Feb 2018 21:10

Tgt Ion:240 Resp: 324856

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	26.1	20.7	31.1



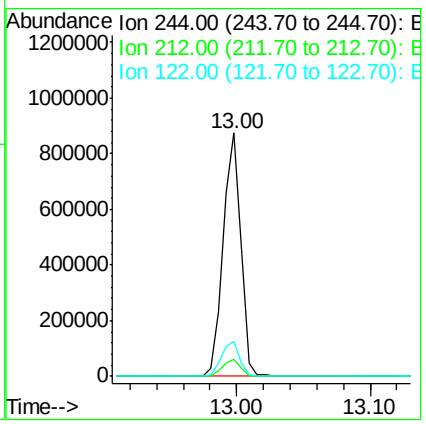


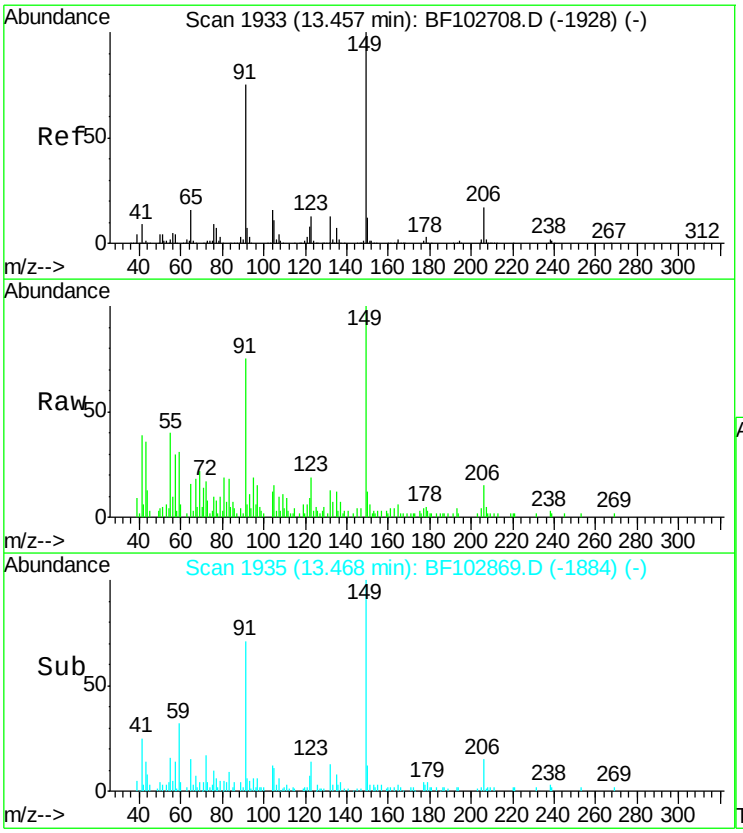
#78
Terphenyl-d14
Concen: 59.791 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF102869.D
Acq: 8 Feb 2018 21:10

Instrument :
BNA_F
ClientSampleId :
3N-17

Tgt Ion:244 Resp: 820326

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.5	11.0	16.4

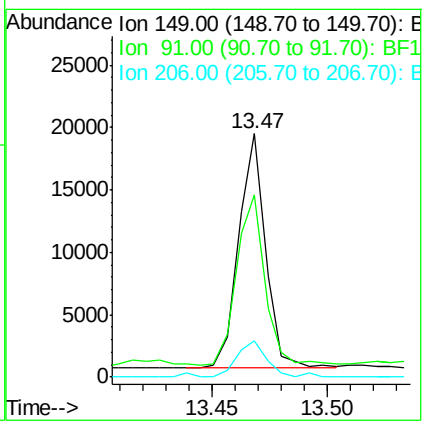


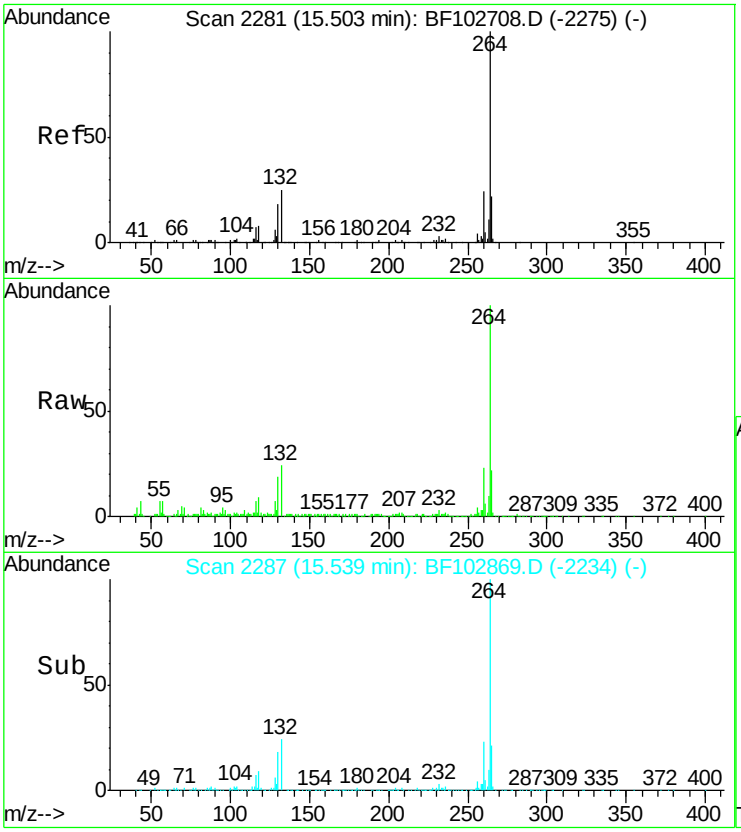


#79
Butylbenzylphthalate
Concen: 2.246 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BF102869.D
Acq: 8 Feb 2018 21:10

Tgt Ion:149 Resp: 15206

Ion	Ratio	Lower	Upper
149	100		
91	74.6	56.8	85.2
206	14.7	14.1	21.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF102869.D
Acq: 8 Feb 2018 21:10

Instrument :
BNA_F
ClientSampleId :
3N-17

Tgt Ion:264 Resp: 245750

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.6	17.5	26.3