Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030819\
Data File : BF112945.D
Acq On : 8 Mar 2019 15:38
Operator : JU/SJ
Sample : K1800-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33

Quant Time: Mar 08 23:32:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	165255	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	607712	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	300870	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	608924	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	506756	20.00	ng	-0.02
87) Perylene-d12	15.26	264	445122	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	469677	44.21	ng	-0.01
7) Phenol-d6	6.36	99	394681	29.58	ng	-0.01
23) Nitrobenzene-d5	7.29	82	812875	80.04	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	419791	131.43	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1486917	80.82	ng	-0.01
79) Terphenyl-d14	12.82	244	1684700	64.44	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.72	142	179147	9.194	ng	99
38) 1-Methylnaphthalene	8.82	142	291169	15.427	ng	98

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

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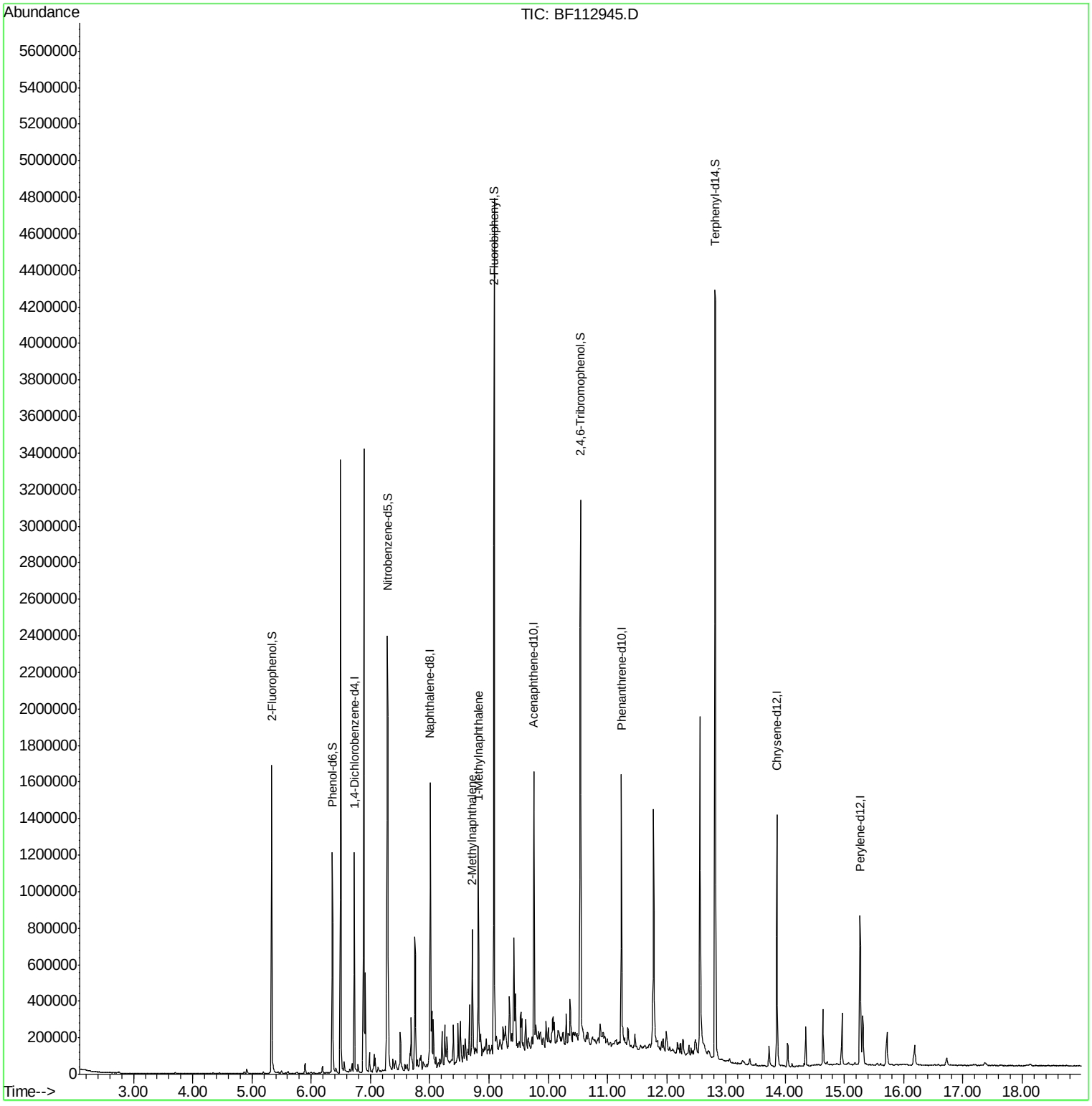
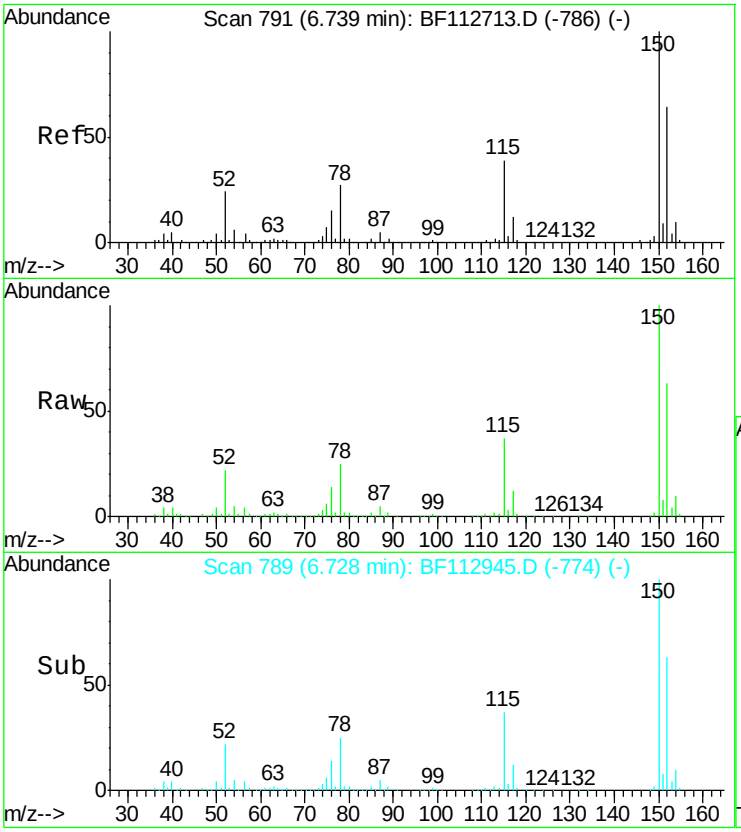


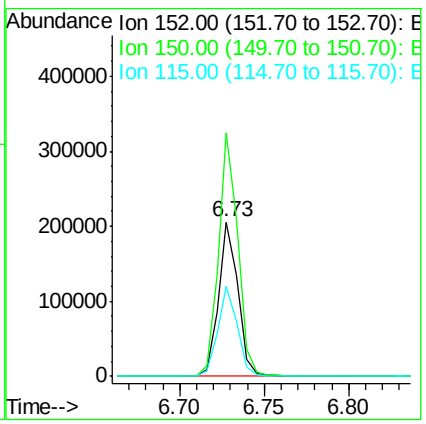


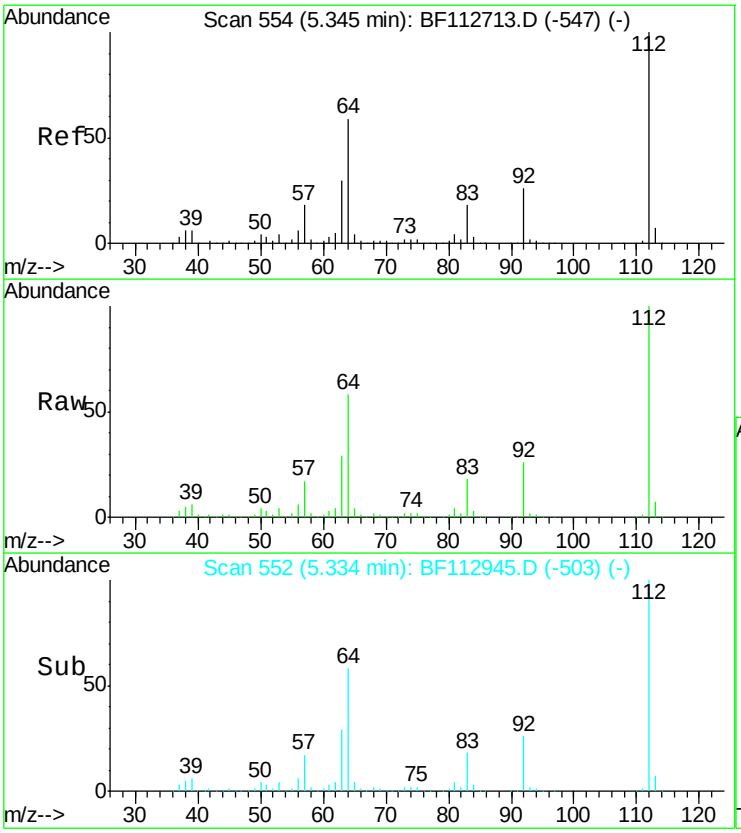
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112945.D
Acq: 8 Mar 2019 15:38

Instrument :
BNA_F
ClientSampleId :
ERM-33

Tgt Ion:152 Resp: 165255

Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.2	186.2
115	58.5	48.2	72.4

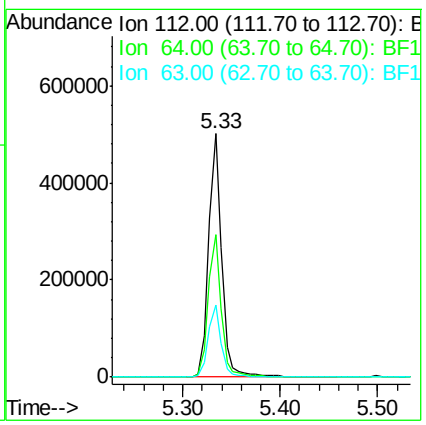


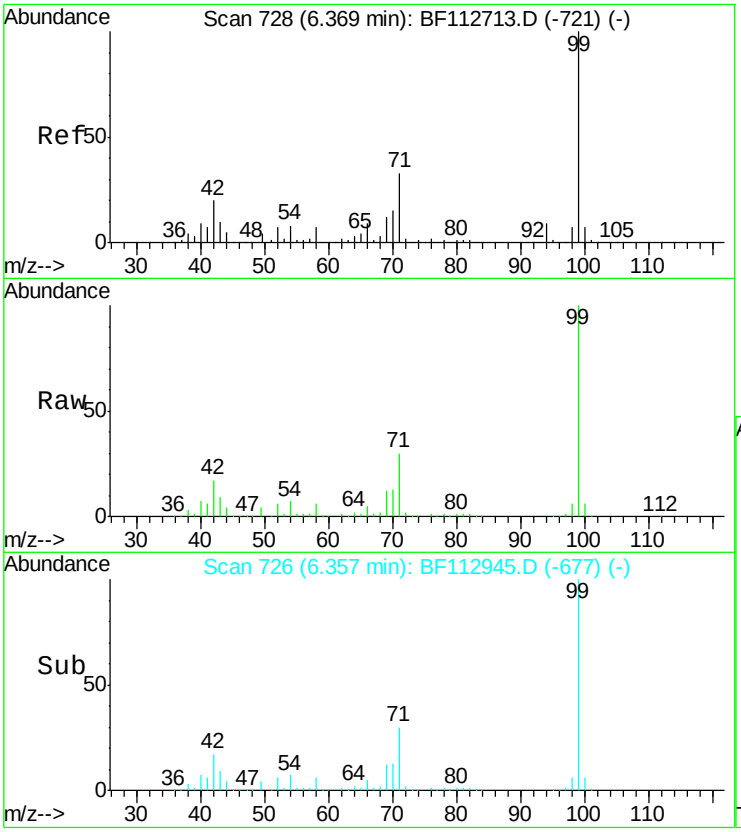


#5
2-Fluorophenol
Concen: 44.211 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF112945.D
Acq: 8 Mar 2019 15:38

Tgt Ion:112 Resp: 469677

Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.6	71.4
63	29.4	24.4	36.6



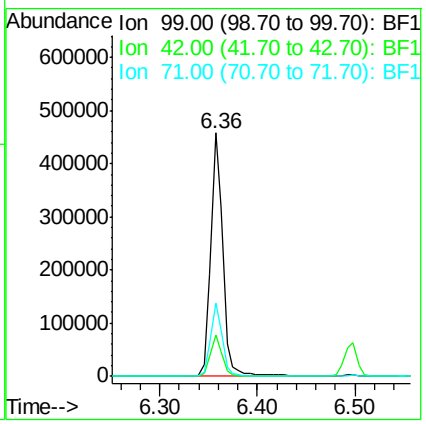


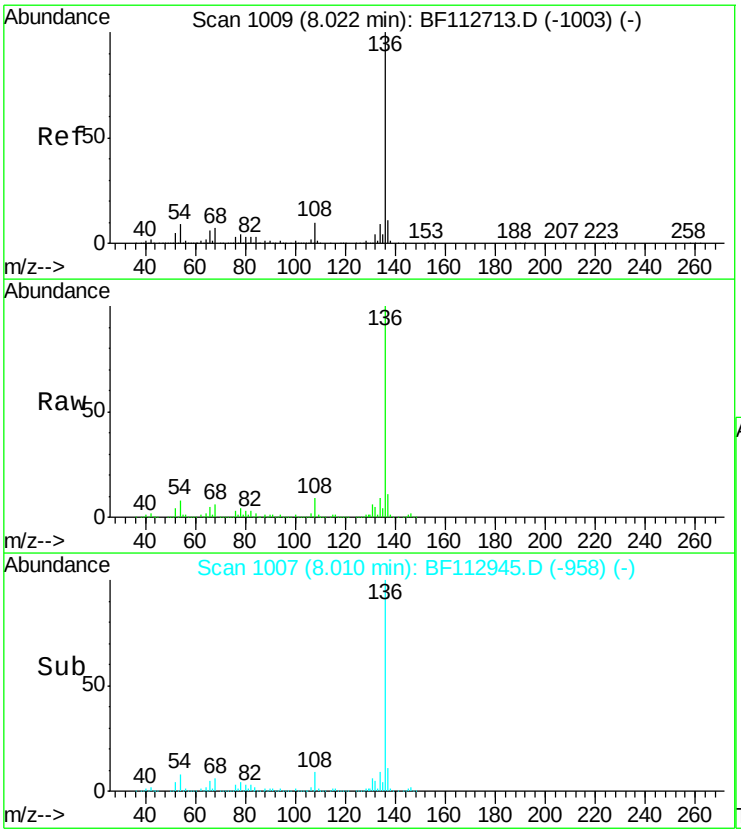
#7
Phenol-d6
Concen: 29.575 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF112945.D
Acq: 8 Mar 2019 15:38

Instrument :
BNA_F
ClientSampleId :
ERM-33

Tgt Ion: 99 Resp: 394681

Ion	Ratio	Lower	Upper
99	100		
42	17.2	16.3	24.5
71	29.9	26.2	39.4

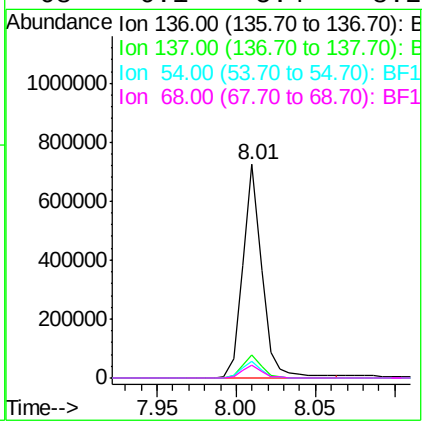


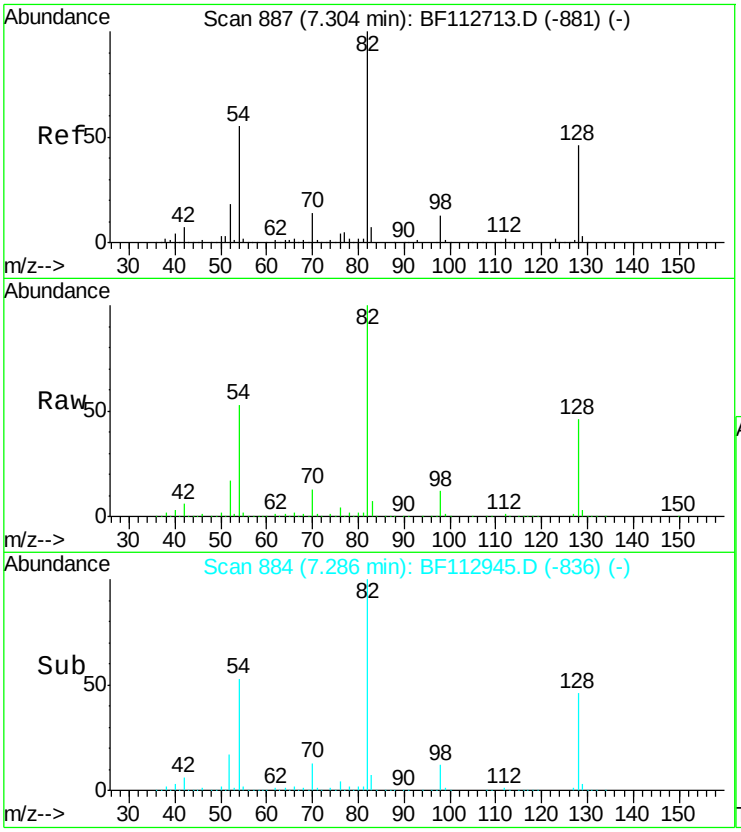


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112945.D
Acq: 8 Mar 2019 15:38

Tgt Ion:136 Resp: 607712

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.0	7.3	10.9
68	6.1	5.4	8.2



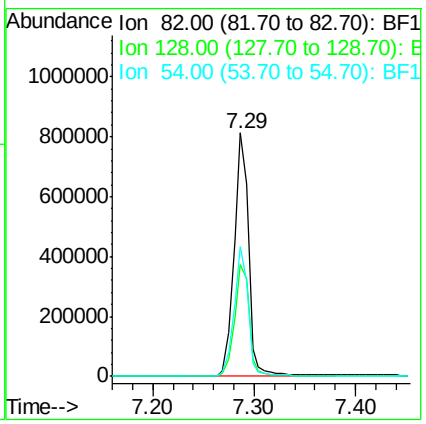


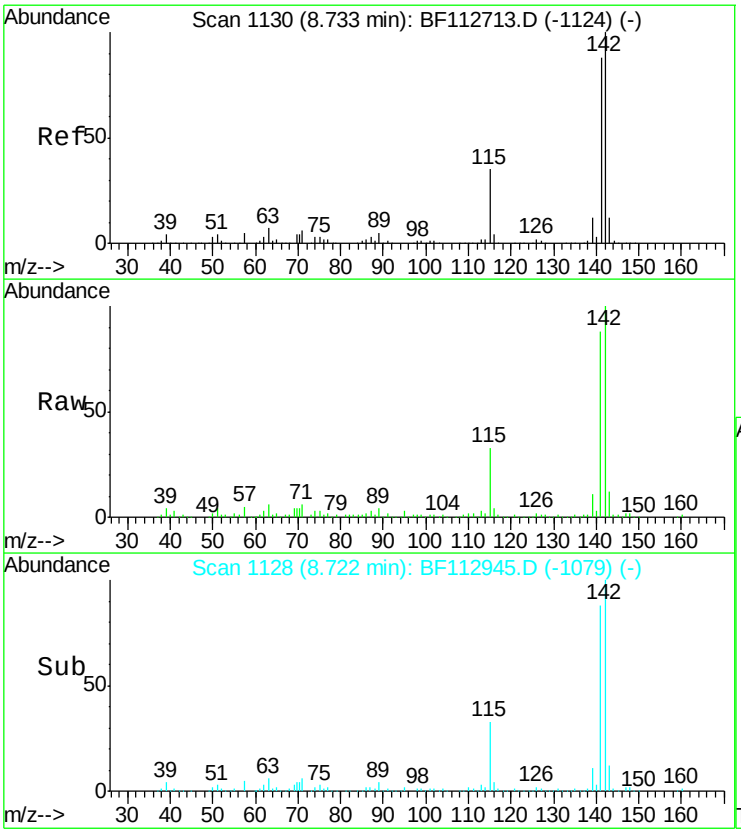
#23
Nitrobenzene-d5
Concen: 80.039 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112945.D
Acq: 8 Mar 2019 15:38

Instrument :
BNA_F
ClientSampleId :
ERM-33

Tgt Ion: 82 Resp: 812875

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.3	54.5
54	53.1	43.7	65.5

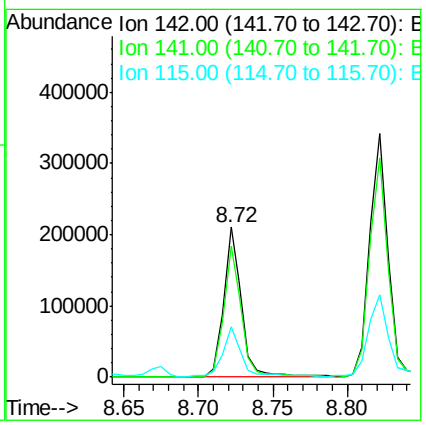


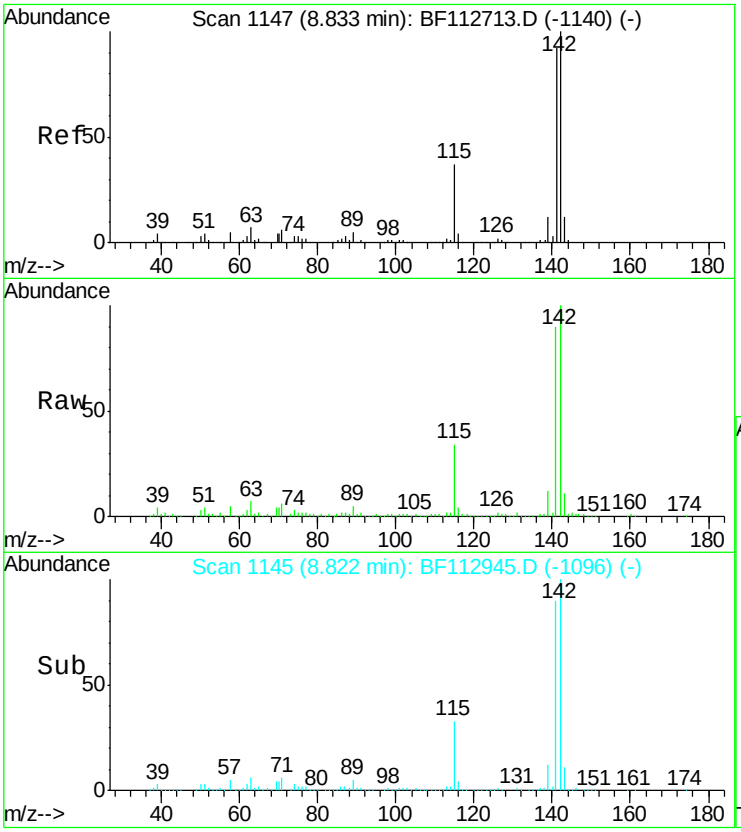


#37
2-Methylnaphthalene
Concen: 9.194 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF112945.D
Acq: 8 Mar 2019 15:38

Tgt Ion:142 Resp: 179147

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.3	105.5
115	33.4	27.8	41.6



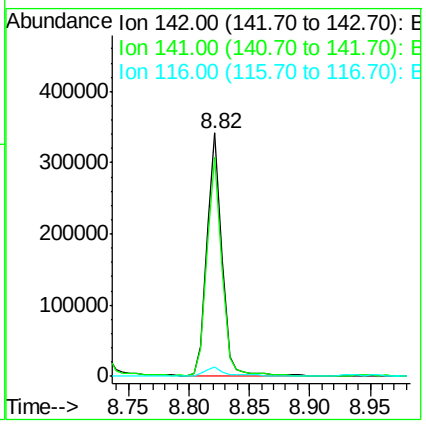


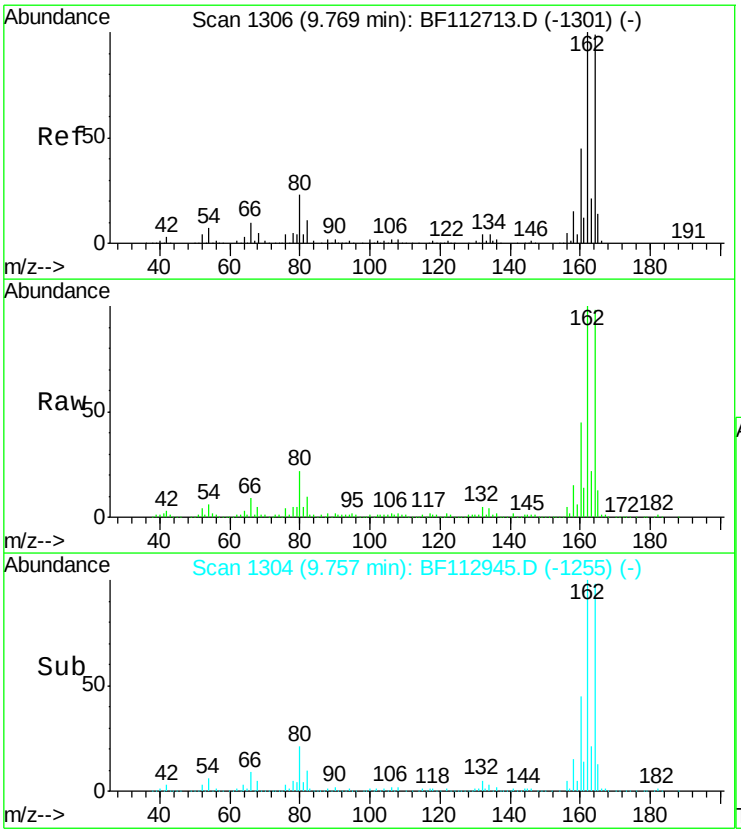
#38
1-Methylnaphthalene
Concen: 15.427 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF112945.D
Acq: 8 Mar 2019 15:38

Instrument :
BNA_F
ClientSampleId :
ERM-33

Tgt Ion:142 Resp: 291169

Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.7	110.5
116	4.0	3.1	4.7

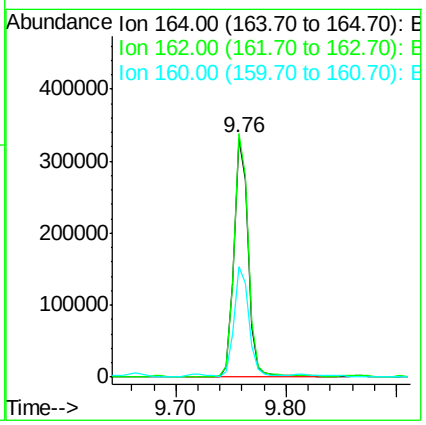


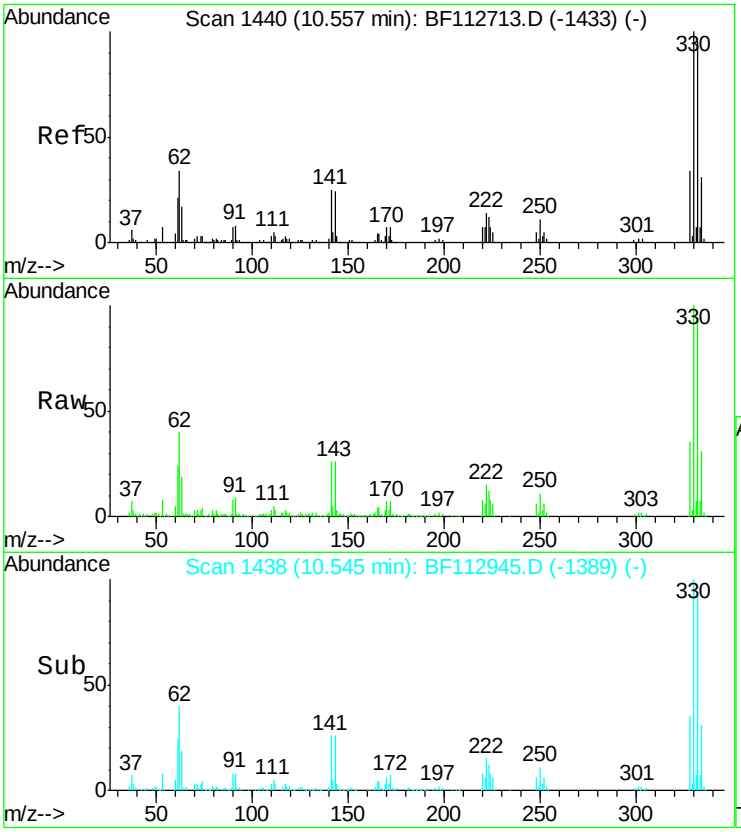


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF112945.D
Acq: 8 Mar 2019 15:38

Tgt Ion:164 Resp: 300870

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.6	120.8
160	46.1	36.0	54.0



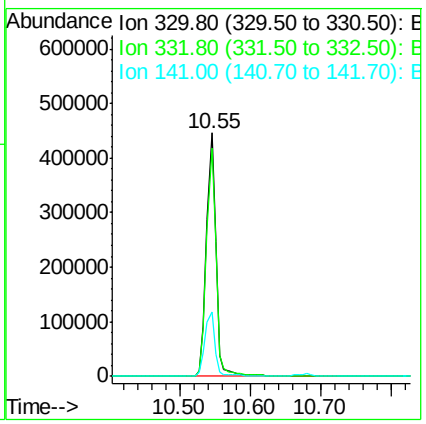


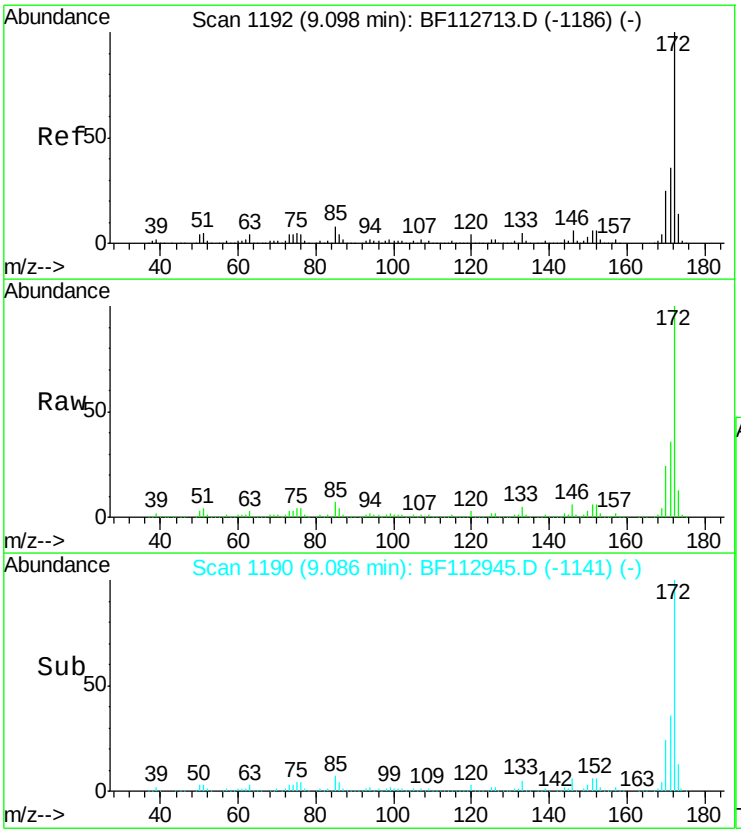
#42
2,4,6-Tribromophenol
Concen: 131.427 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112945.D
Acq: 8 Mar 2019 15:38

Instrument :
BNA_F
ClientSampleId :
ERM-33

Tgt Ion:330 Resp: 419791

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.2	114.4
141	28.1	27.0	40.6

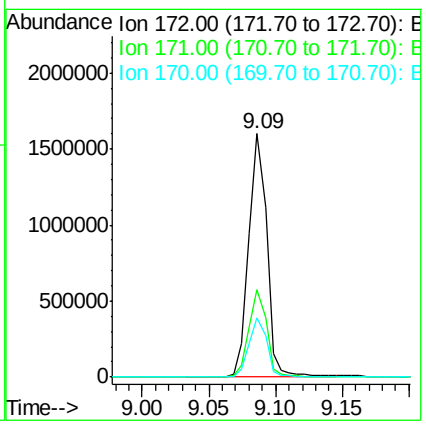


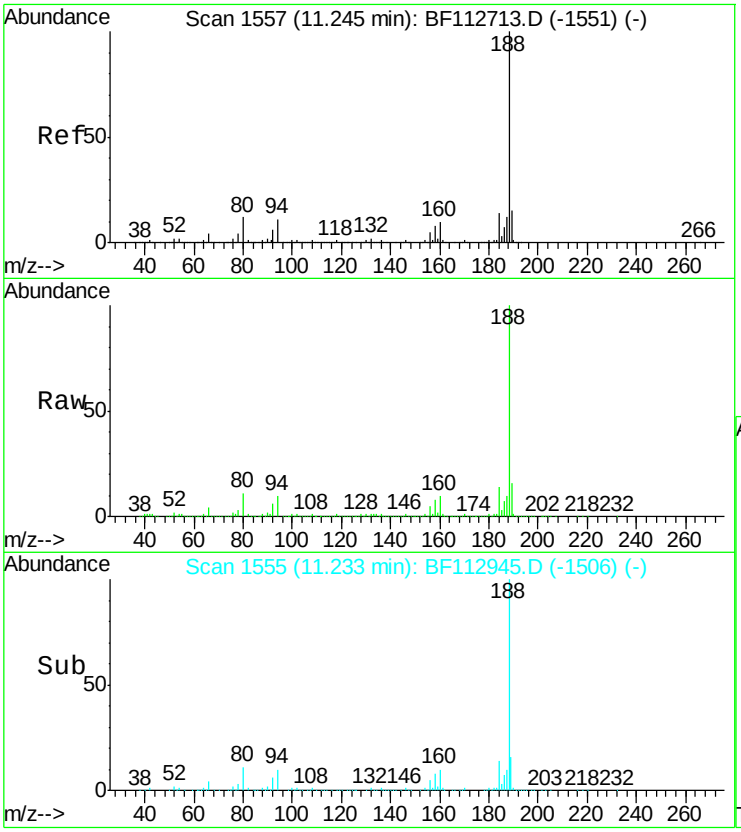


#45
2-Fluorobiphenyl
Concen: 80.825 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112945.D
Acq: 8 Mar 2019 15:38

Tgt Ion:172 Resp: 1486917

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.4	20.0	30.0



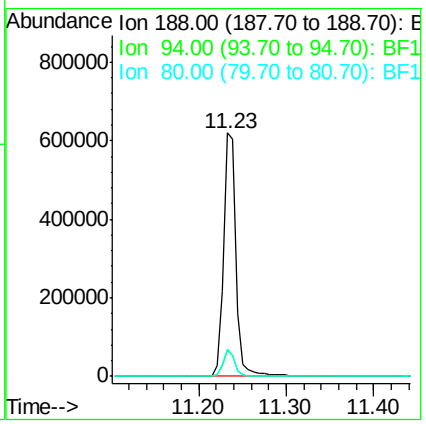


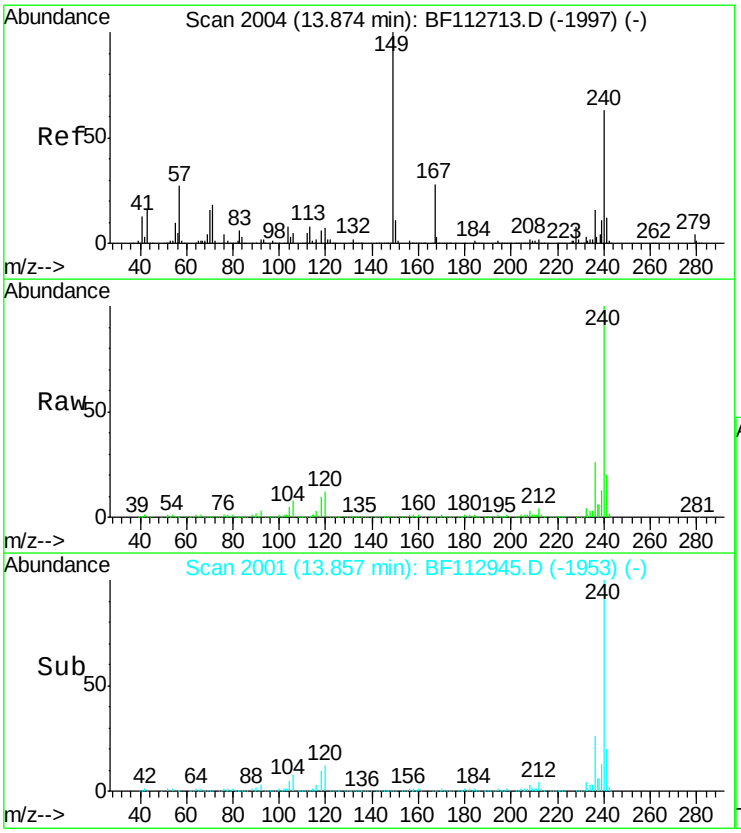
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF112945.D
Acq: 8 Mar 2019 15:38

Instrument :
BNA_F
ClientSampleId :
ERM-33

Tgt Ion:188 Resp: 608924

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.0	13.4
80	11.4	9.2	13.8

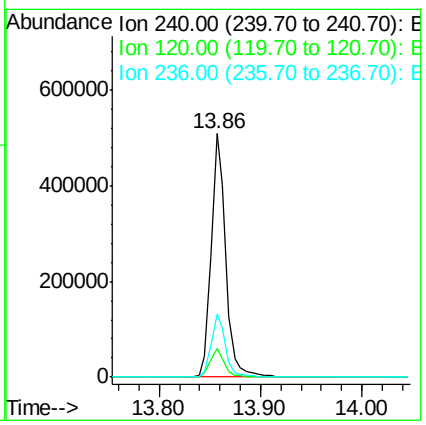


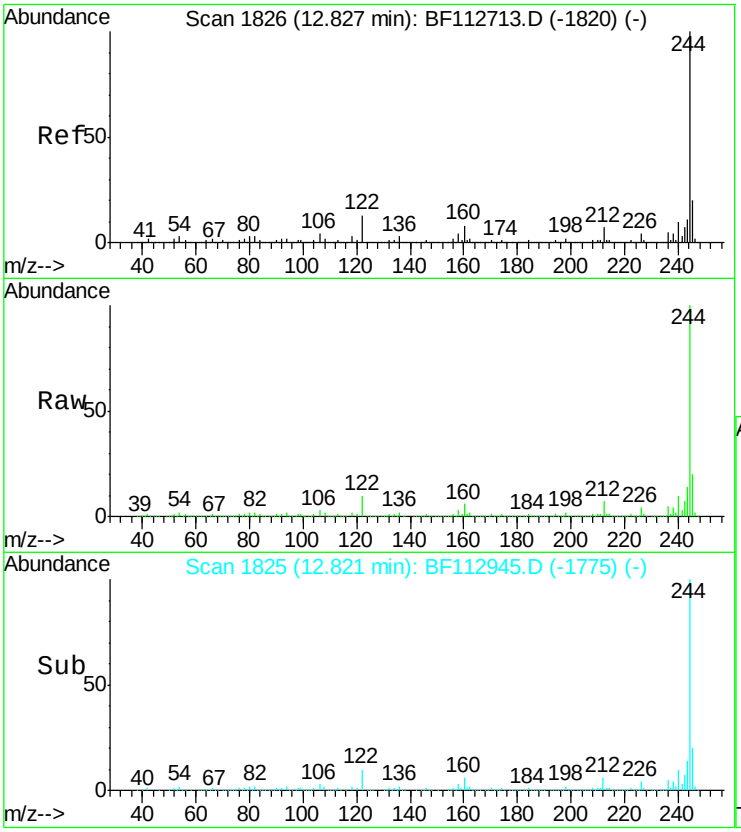


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BF112945.D
Acq: 8 Mar 2019 15:38

Tgt Ion:240 Resp: 506756

Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.9	13.3
236	25.9	20.7	31.1



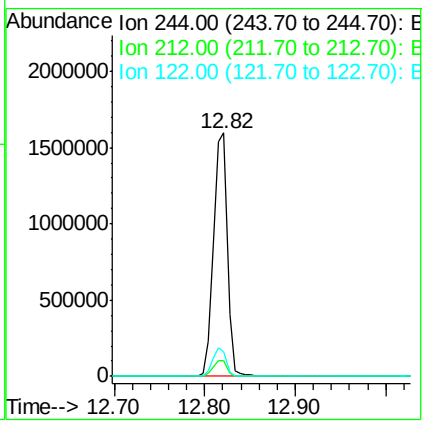


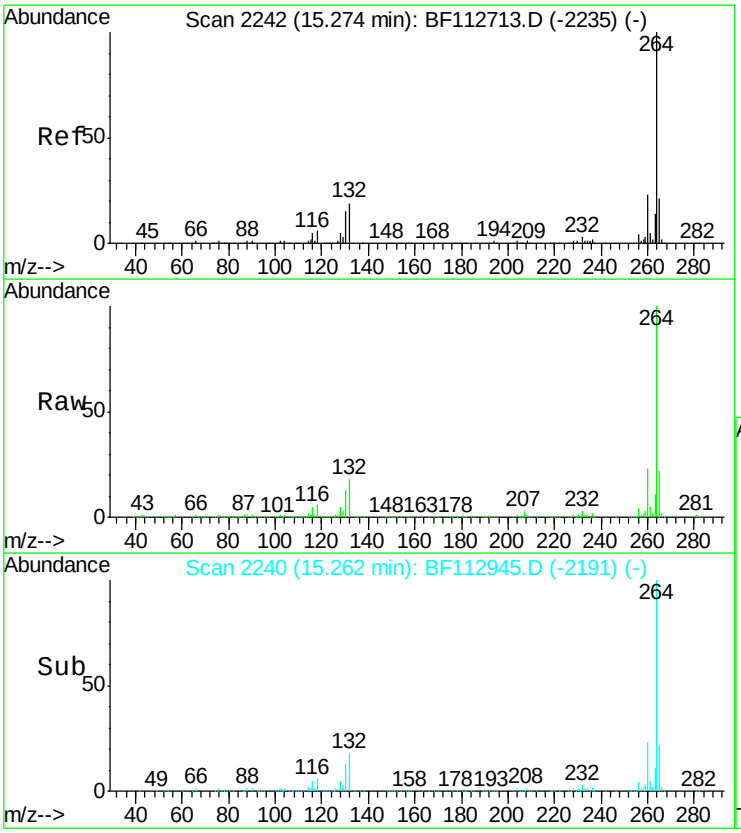
#79
Terphenyl-d14
Concen: 64.445 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112945.D
Acq: 8 Mar 2019 15:38

Instrument :
BNA_F
ClientSampleId :
ERM-33

Tgt Ion:244 Resp: 1684700

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.6	8.4
122	10.0	10.5	15.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF112945.D
Acq: 8 Mar 2019 15:38

Tgt Ion:264 Resp: 445122

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.8	17.2	25.8