Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091948.D
Acq On : 24 Dec 2016 3:46
Operator : UM/SJ
Sample : H6205-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-18

Quant Time: Dec 24 04:51:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	209428	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	815942	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	418757	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	575949	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	396999	20.00	ng	-0.02
86) Perylene-d12	15.29	264	375815	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1075372	85.74	ng	0.02
7) Phenol-d6	6.42	99	648979	42.38	ng	0.01
23) Nitrobenzene-d5	7.31	82	1306125	89.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	393814	113.64	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	2014984	101.02	ng	-0.01
78) Terphenyl-d14	12.84	244	1496273	91.41	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.04	128	281622	7.54	ng	98
37) 2-Methylnaphthalene	8.74	142	194581	6.28	ng	97

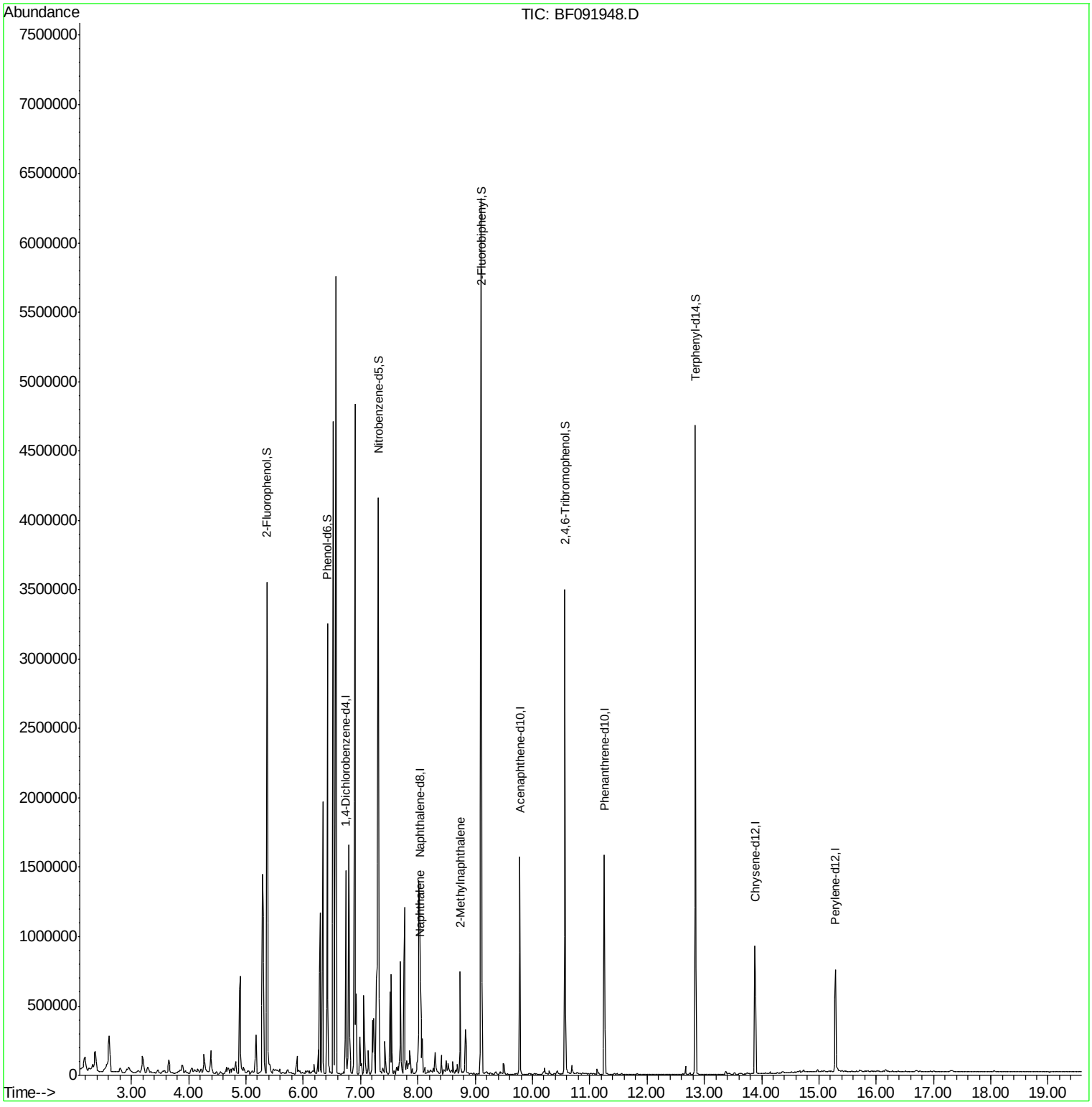
(#) = qualifier out of range (m) = manual integration (+) = signals summed

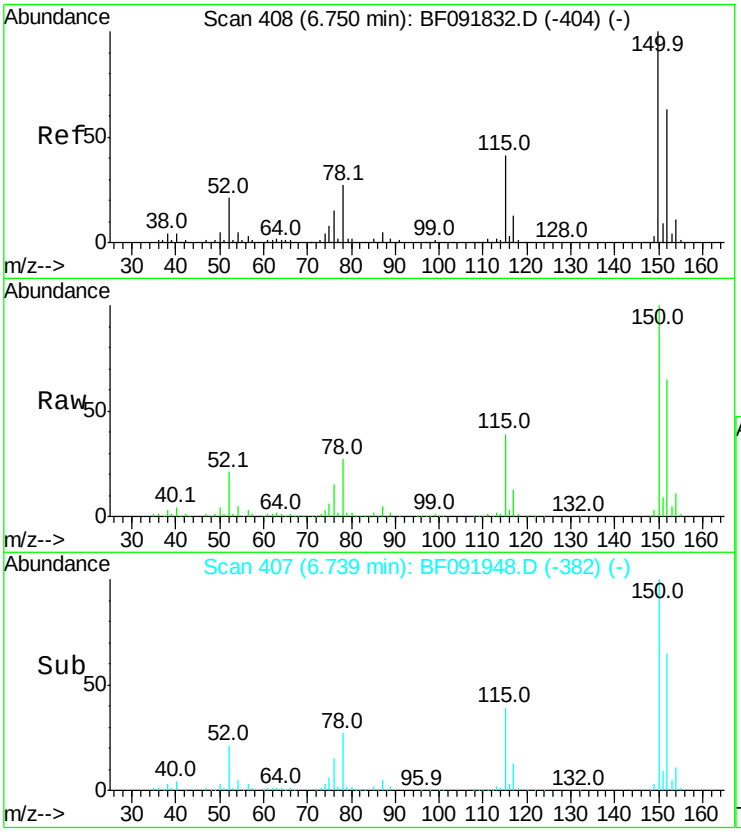
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091948.D
Acq On : 24 Dec 2016 3:46
Operator : UM/SJ
Sample : H6205-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-18

Quant Time: Dec 24 04:51:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration



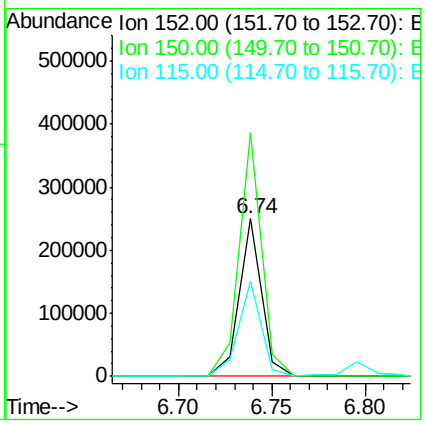


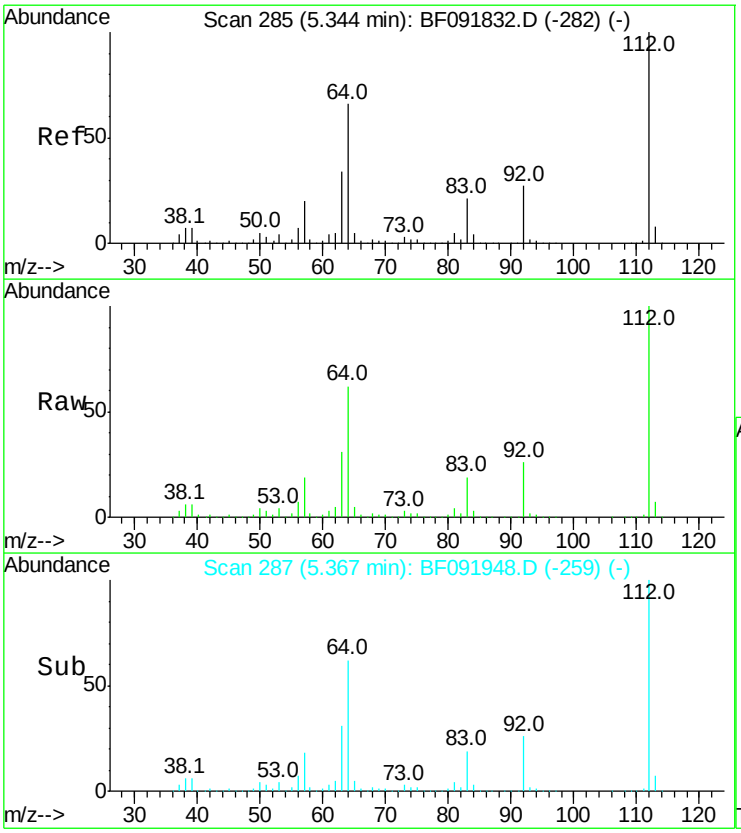
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF091948.D
Acq: 24 Dec 2016 3:46

Instrument :
BNA_F
ClientSampleId :
W-18

Tgt Ion:152 Resp: 209428

Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.9	187.3
115	60.5	46.0	69.0

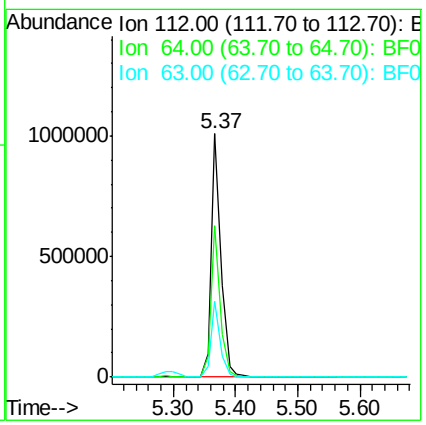


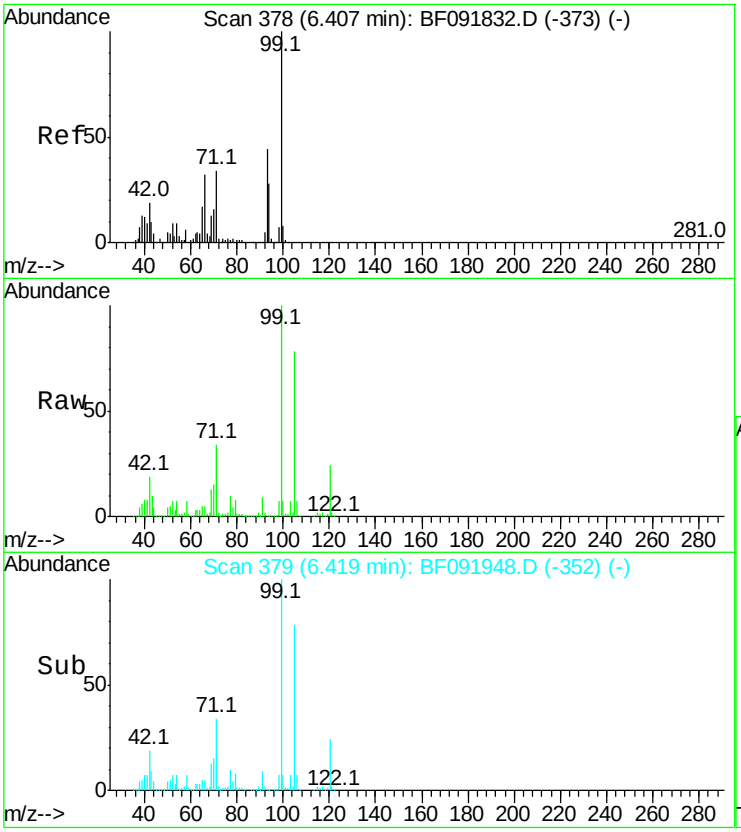


#5
2-Fluorophenol
Concen: 85.74 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.02 min
Lab File: BF091948.D
Acq: 24 Dec 2016 3:46

Tgt Ion:112 Resp: 1075372

Ion	Ratio	Lower	Upper
112	100		
64	62.3	46.1	69.1
63	31.1	23.8	35.6



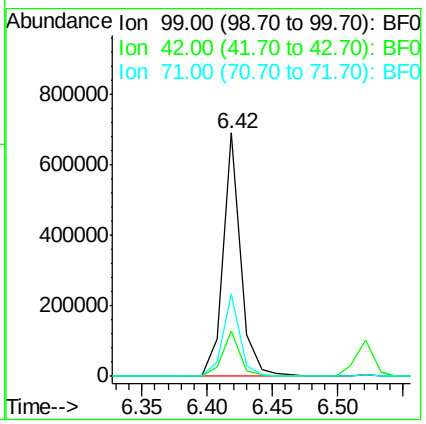


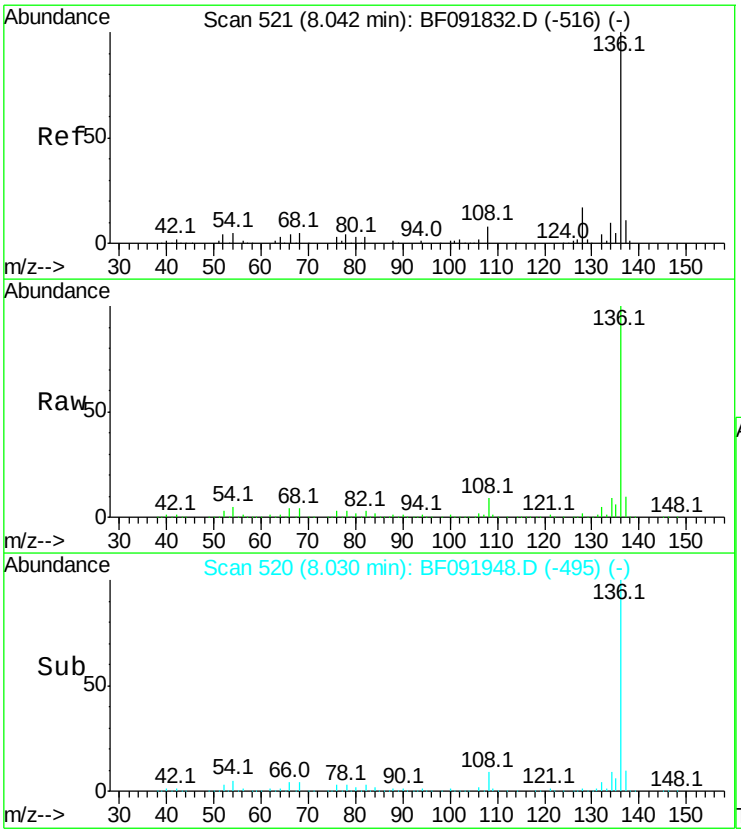
#7
Phenol-d6
Concen: 42.38 ng
RT: 6.42 min Scan# 379
Delta R.T. 0.01 min
Lab File: BF091948.D
Acq: 24 Dec 2016 3:46

Instrument :
BNA_F
ClientSampleId :
W-18

Tgt Ion: 99 Resp: 648979

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.6	23.4
71	34.1	27.5	41.3

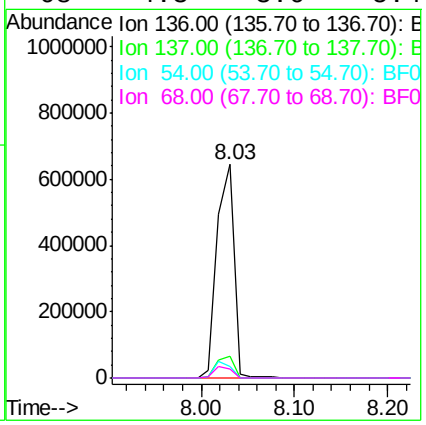


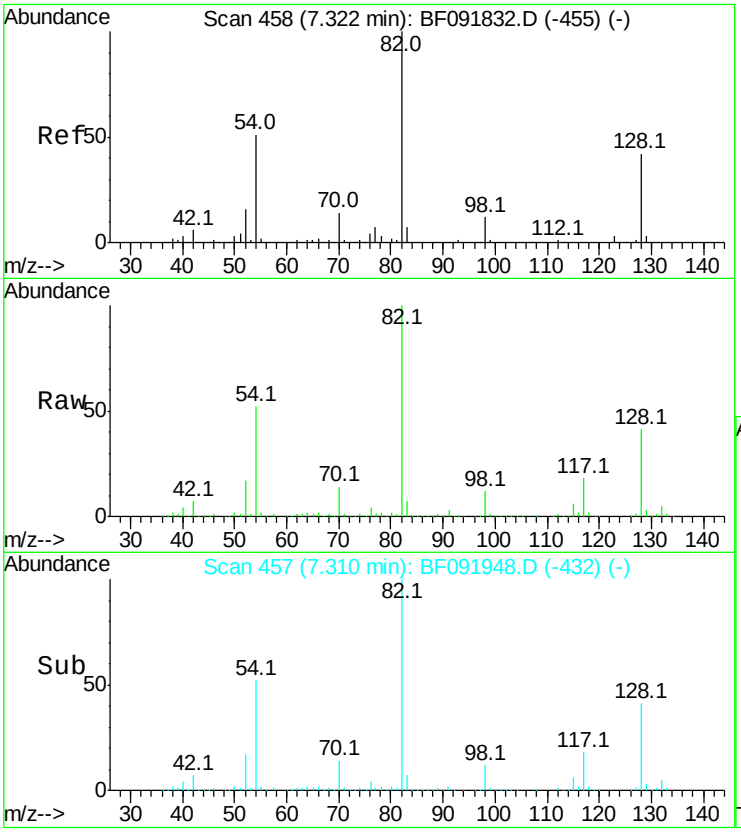


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091948.D
Acq: 24 Dec 2016 3:46

Tgt Ion:136 Resp: 815942

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	5.3	4.5	6.7
68	4.3	3.6	5.4



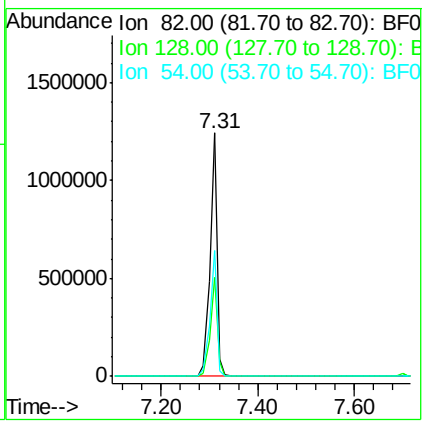


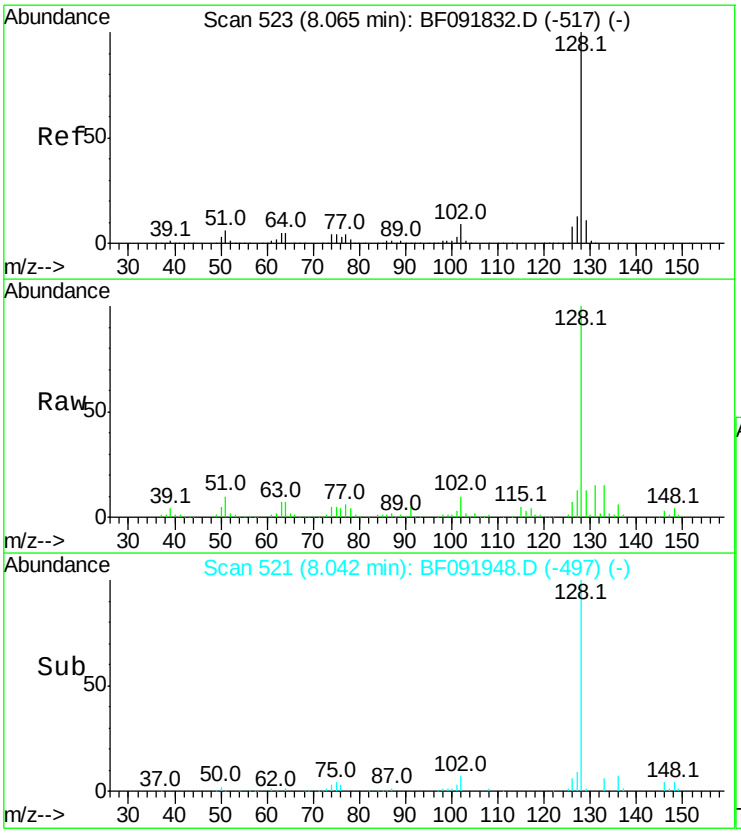
#23
Nitrobenzene-d5
Concen: 89.01 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF091948.D
Acq: 24 Dec 2016 3:46

Instrument :
BNA_F
ClientSampleId :
W-18

Tgt Ion: 82 Resp: 1306125

Ion	Ratio	Lower	Upper
82	100		
128	40.8	34.6	52.0
54	51.6	39.5	59.3

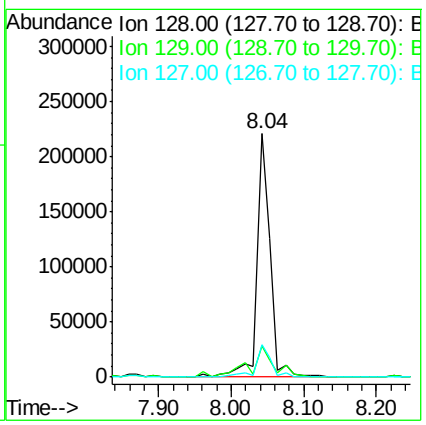


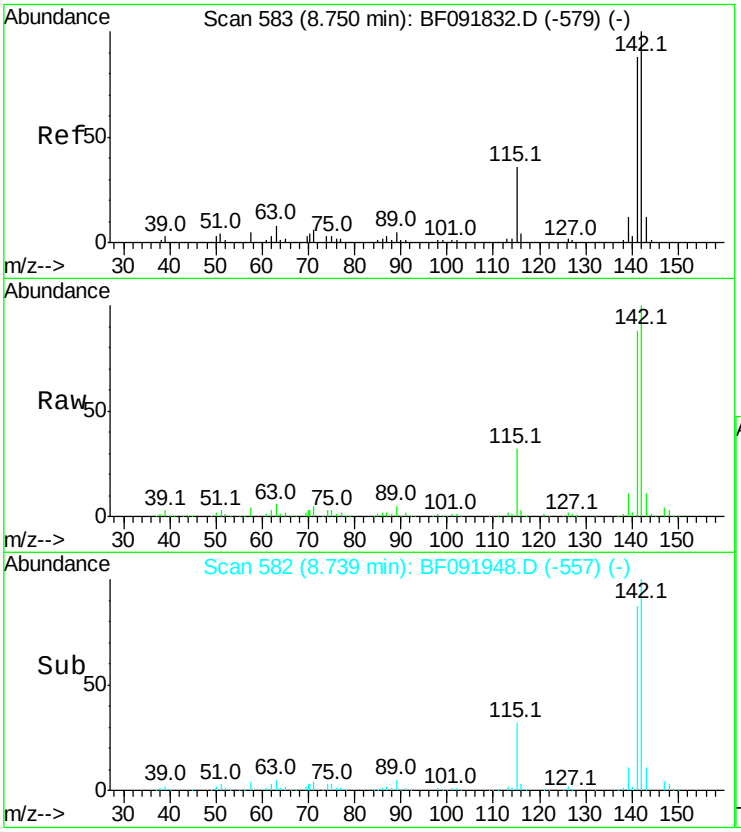


#31
Naphthalene
Concen: 7.54 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF091948.D
Acq: 24 Dec 2016 3:46

Tgt Ion:128 Resp: 281622

Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.5	14.3
127	13.3	10.8	16.2

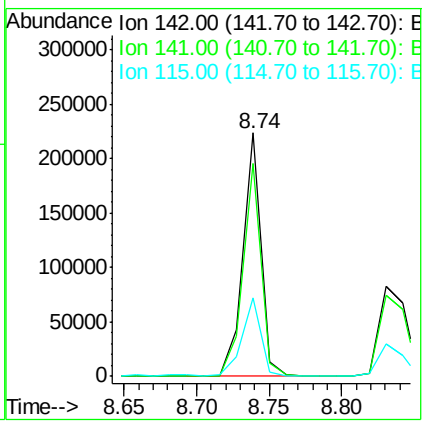




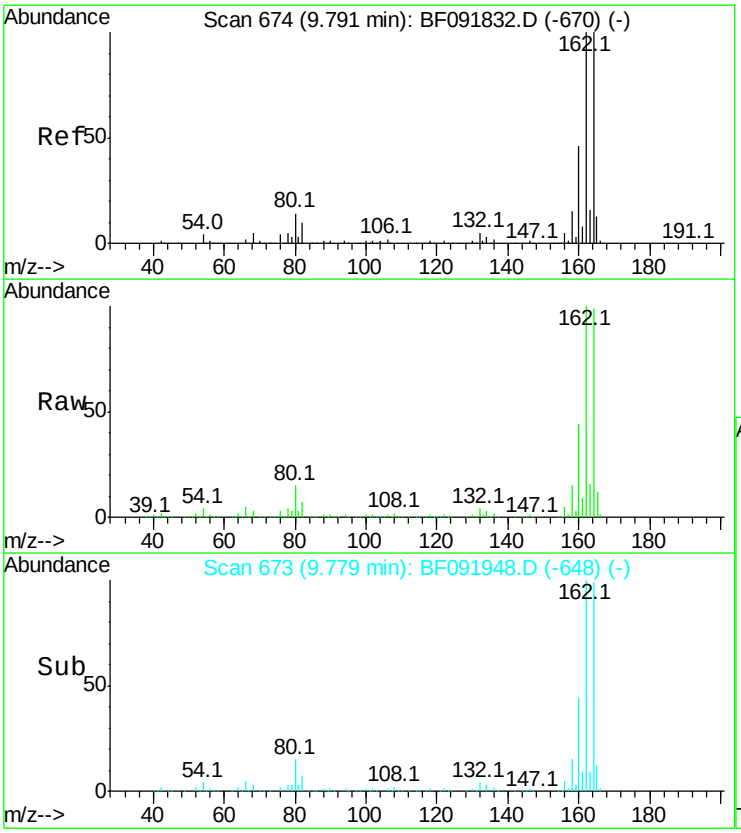
#37
2-Methylnaphthalene
Concen: 6.28 ng
RT: 8.74 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF091948.D
Acq: 24 Dec 2016 3:46

Tgt Ion:142 Resp: 194581

Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.0	106.6
115	32.1	28.3	42.5



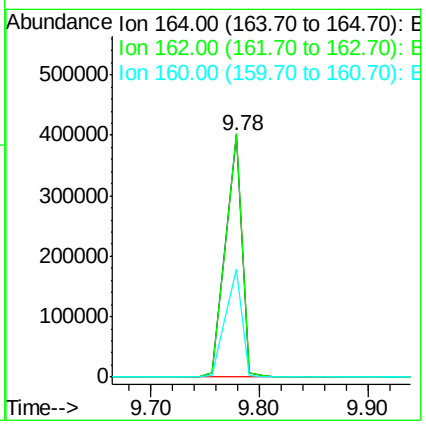
Instrument :
BNA_F
ClientSampleId :
W-18

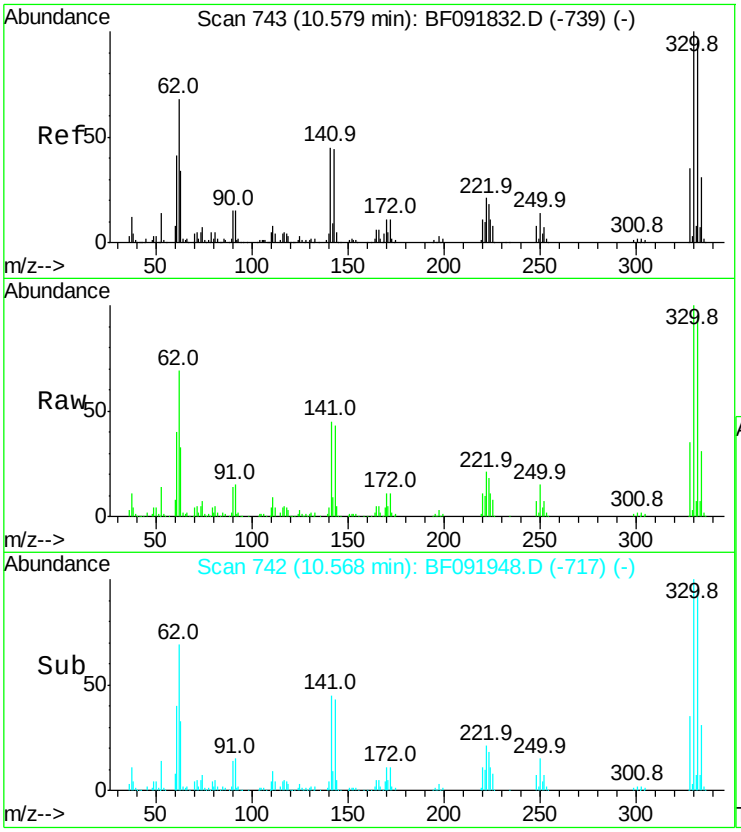


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF091948.D
Acq: 24 Dec 2016 3:46

Tgt Ion:164 Resp: 418757

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.2	120.2
160	44.4	36.9	55.3



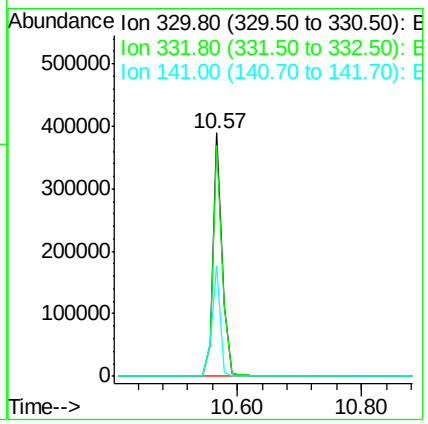


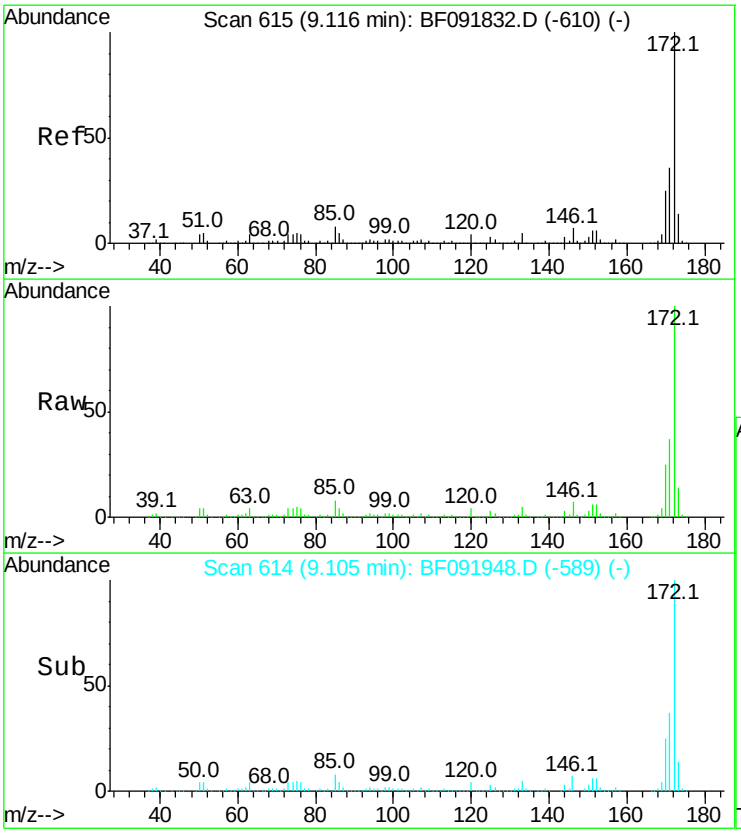
#41
2,4,6-Tribromophenol
Concen: 113.64 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF091948.D
Acq: 24 Dec 2016 3:46

Instrument :
BNA_F
ClientSampleId :
W-18

Tgt Ion:330 Resp: 393814

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.4	116.2
141	42.4	34.1	51.1

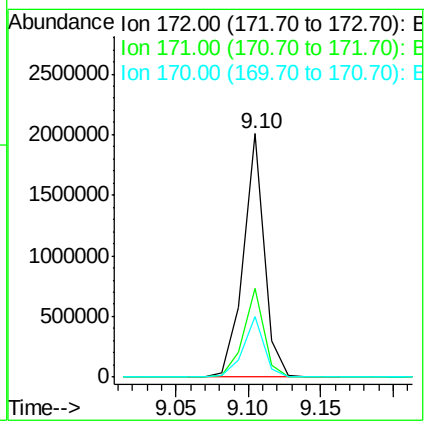


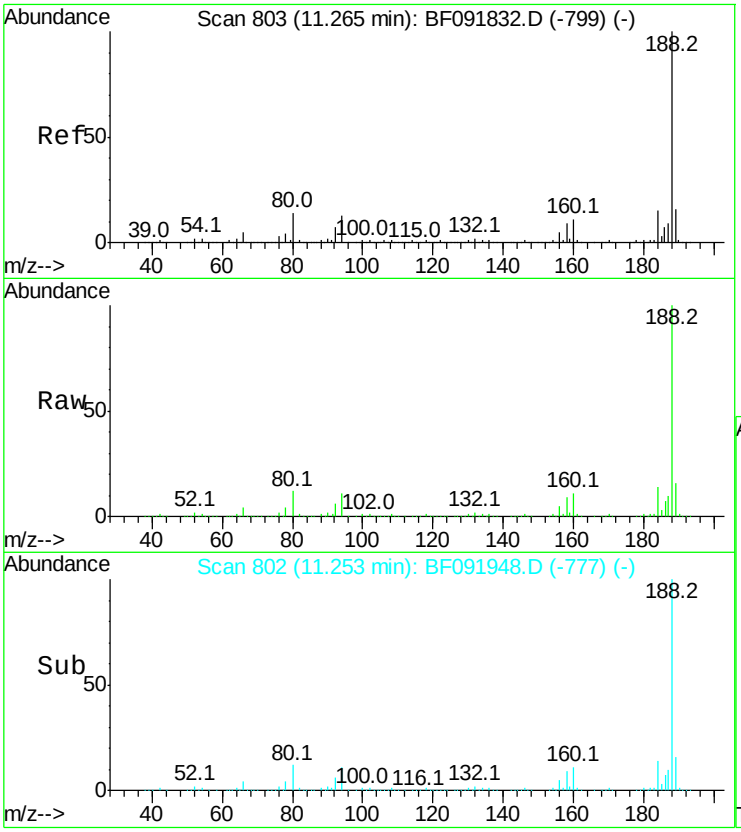


#44
2-Fluorobiphenyl
Concen: 101.02 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF091948.D
Acq: 24 Dec 2016 3:46

Tgt Ion:172 Resp: 2014984

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	25.0	20.2	30.4



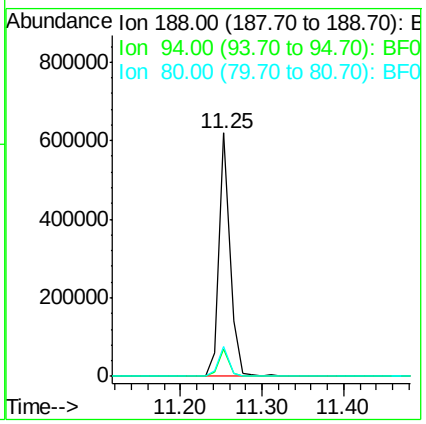


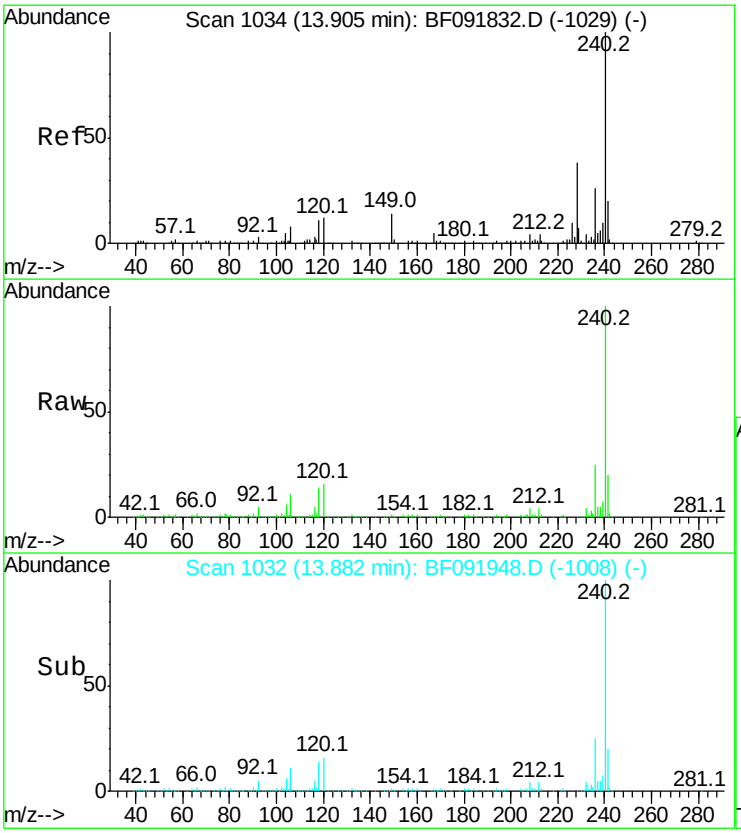
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091948.D
Acq: 24 Dec 2016 3:46

Instrument :
BNA_F
ClientSampleId :
W-18

Tgt Ion:188 Resp: 575949

Ion	Ratio	Lower	Upper
188	100		
94	11.1	10.0	15.0
80	12.3	11.2	16.8

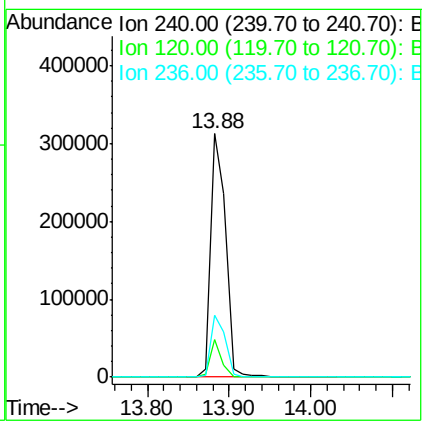


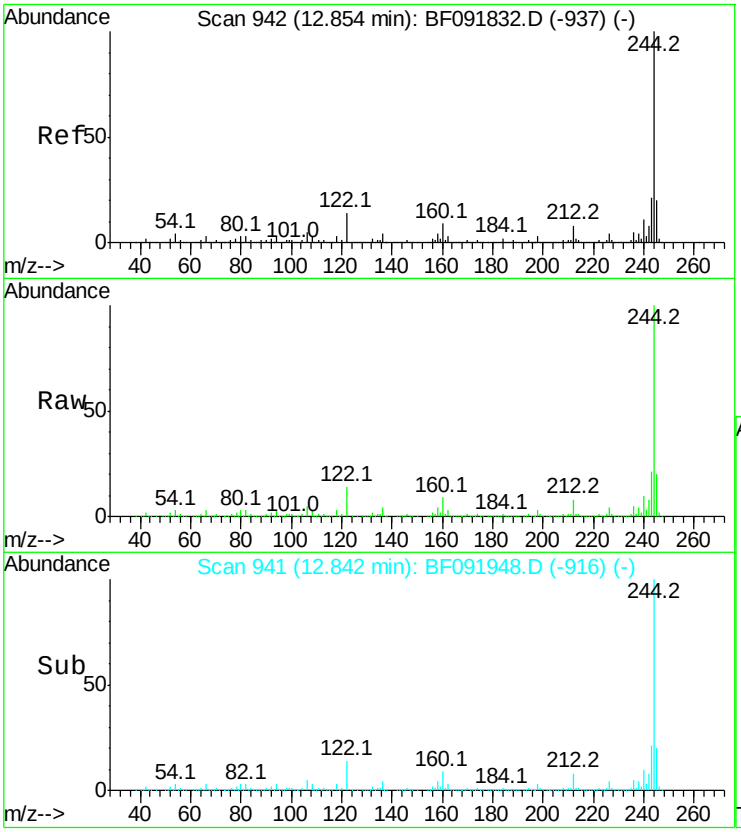


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF091948.D
Acq: 24 Dec 2016 3:46

Tgt Ion:240 Resp: 396999

Ion	Ratio	Lower	Upper
240	100		
120	15.7	12.9	19.3
236	25.4	20.9	31.3



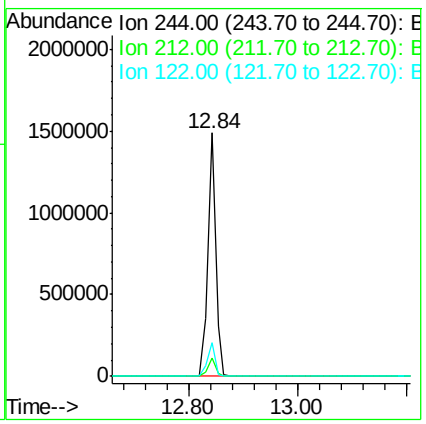


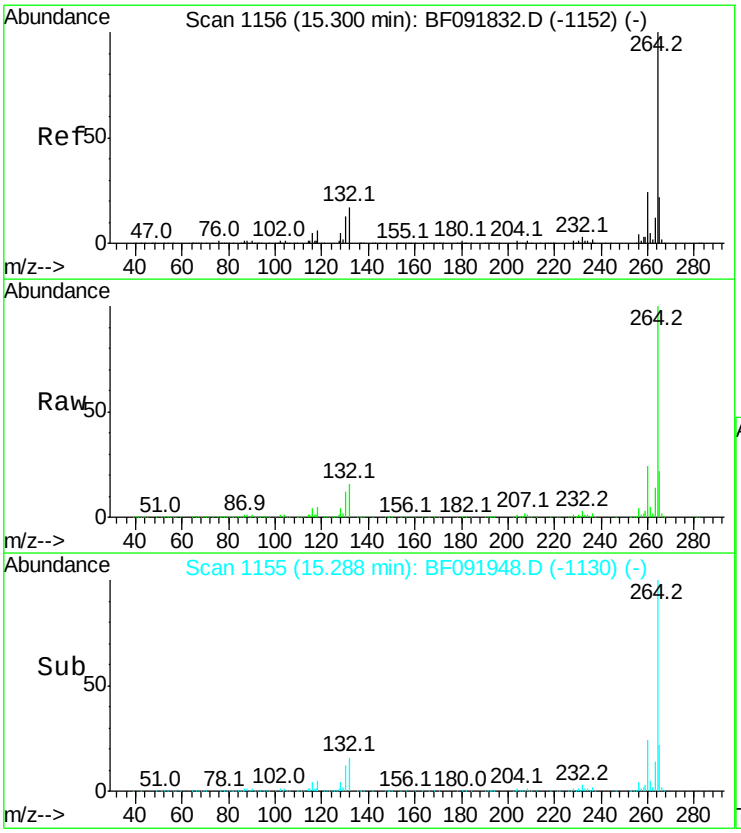
#78
Terphenyl-d14
Concen: 91.41 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF091948.D
Acq: 24 Dec 2016 3:46

Instrument :
BNA_F
ClientSampleId :
W-18

Tgt Ion:244 Resp: 1496273

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	13.7	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF091948.D
Acq: 24 Dec 2016 3:46

Tgt Ion:264 Resp: 375815

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.4	17.4	26.0