Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084918.D
Acq On : 6 Feb 2016 18:12
Operator : SJ/IZ
Sample : H1338-04
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AW-1

Quant Time: Feb 08 02:58:26 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	175496	20.00	ng		-0.02
21) Naphthalene-d8	7.95	136	716984	20.00	ng		-0.02
38) Acenaphthene-d10	9.70	164	302024	20.00	ng		-0.03
63) Phenanthrene-d10	11.17	188	447039	20.00	ng		-0.03
75) Chrysene-d12	13.81	240	324160	20.00	ng		-0.02
86) Perylene-d12	15.17	264	313054	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	714842	63.45	ng		-0.02
7) Phenol-d6	6.34	99	577123	41.32	ng		0.00
23) Nitrobenzene-d5	7.23	82	1047982	82.34	ng		-0.03
41) 2,4,6-Tribromophenol	10.49	330	333169	105.76	ng		-0.03
44) 2-Fluorobiphenyl	9.04	172	1563140	88.31	ng		-0.02
78) Terphenyl-d14	12.76	244	1002970	70.11	ng		-0.03
Target Compounds							Qvalue
20) 3+4-Methylphenols	7.10	107	76306	6.10	ng		89
31) Naphthalene	7.97	128	564982	15.71	ng		99
37) 2-Methylnaphthalene	8.67	142	534668	23.75	ng		96
49) Dimethylphthalate	9.44	163	133185	5.79	ng	#	90
51) Acenaphthene	9.73	154	39558	2.02	ng		97
70) Phenanthrene	11.20	178	69229	2.79	ng		96

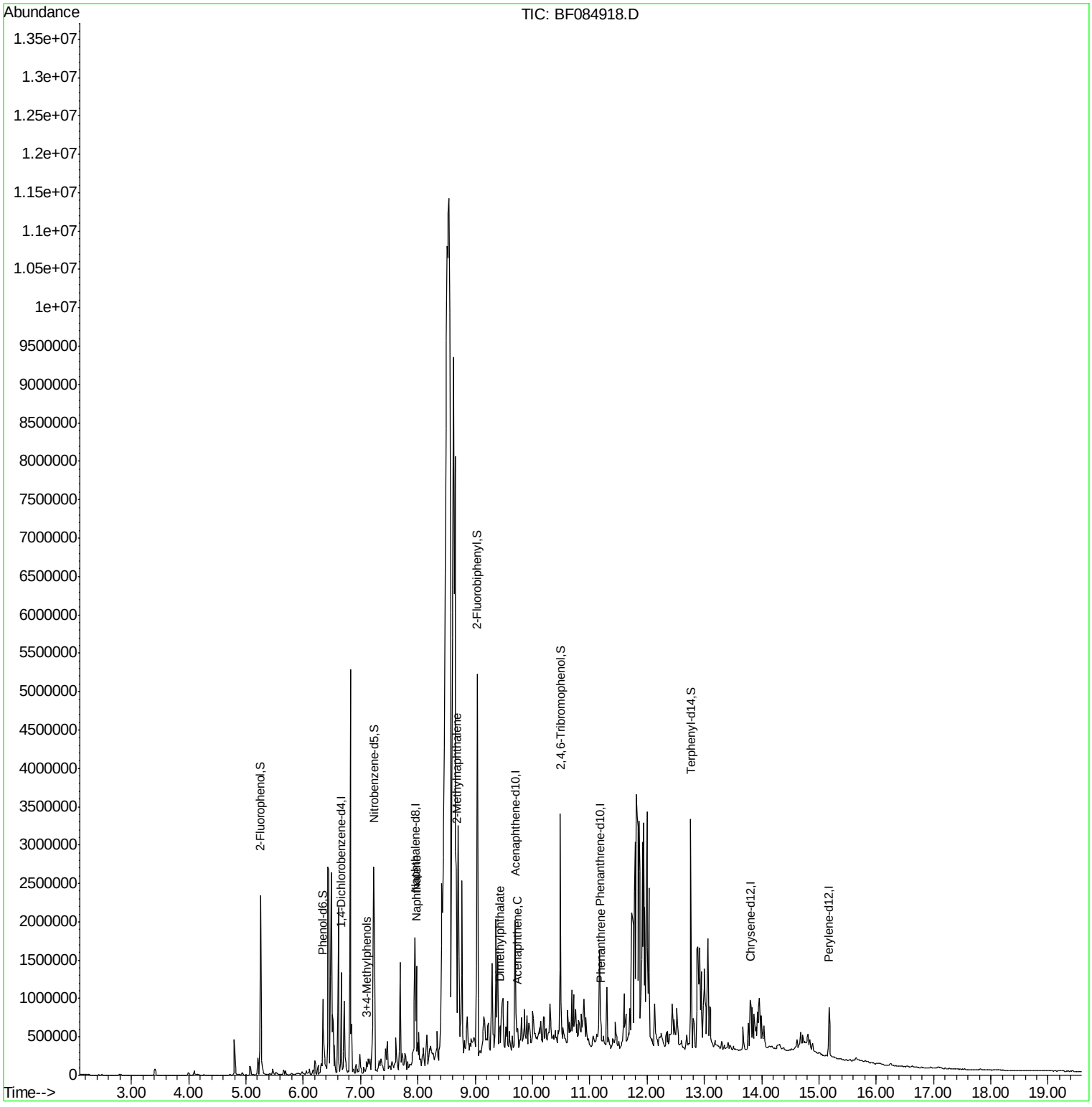
(#) = qualifier out of range (m) = manual integration (+) = signals summed

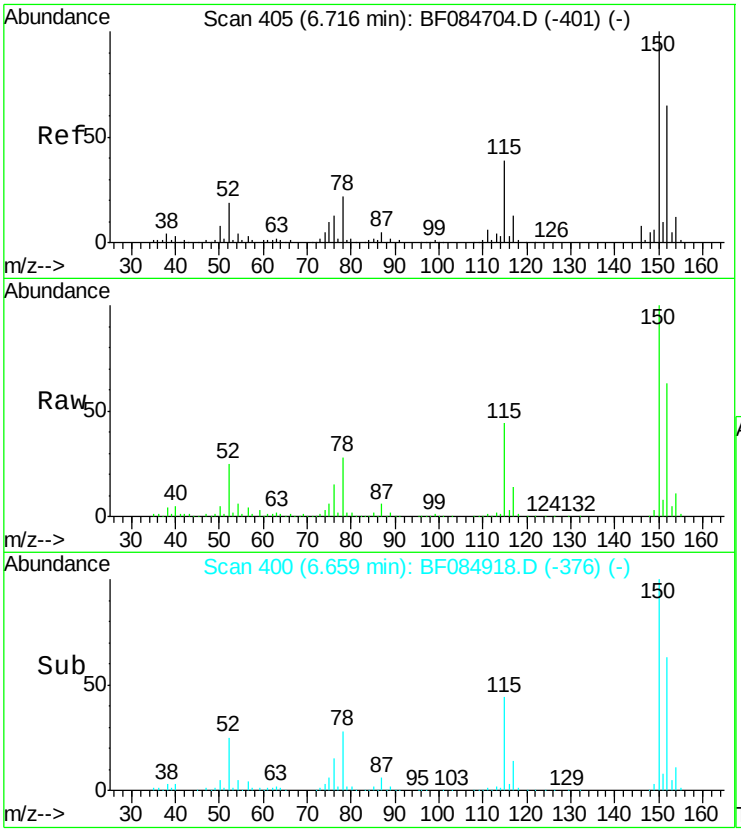
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084918.D
Acq On : 6 Feb 2016 18:12
Operator : SJ/IZ
Sample : H1338-04
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AW-1

Quant Time: Feb 08 02:58:26 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration



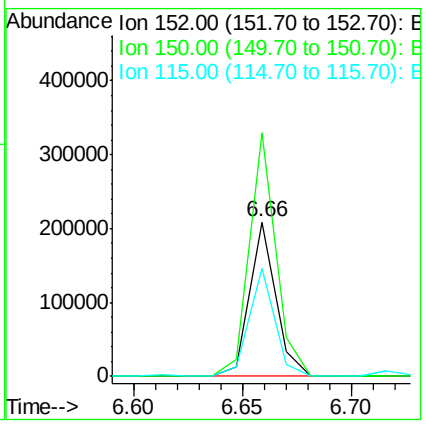


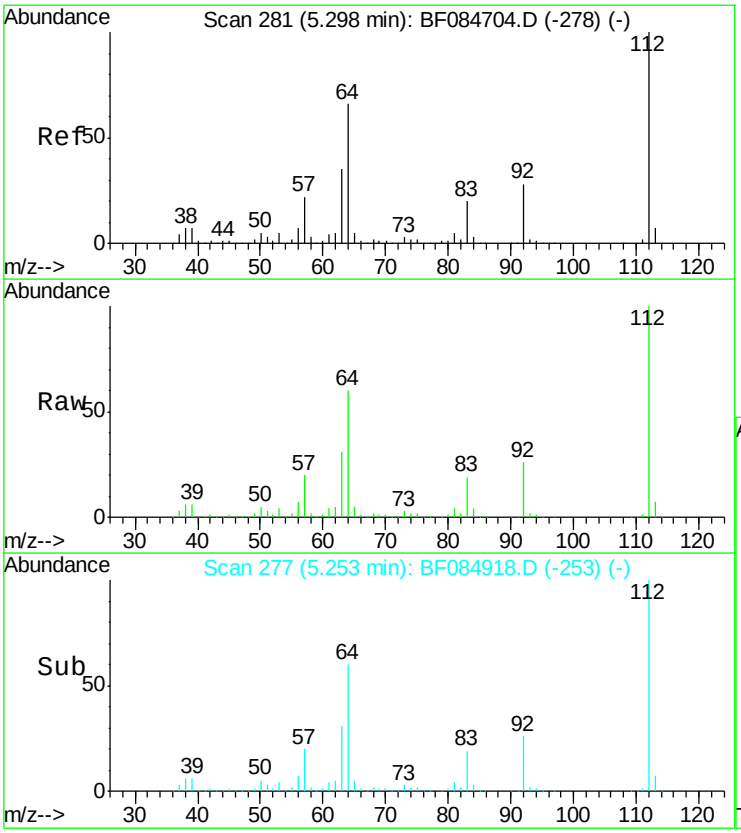
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF084918.D
Acq: 6 Feb 2016 18:12

Instrument :
BNA_F
ClientSampleId :
AW-1

Tgt Ion:152 Resp: 175496

Ion	Ratio	Lower	Upper
152	100		
150	158.1	123.0	184.4
115	70.1	51.4	77.2

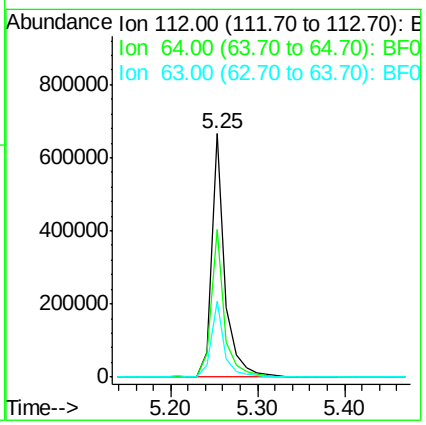


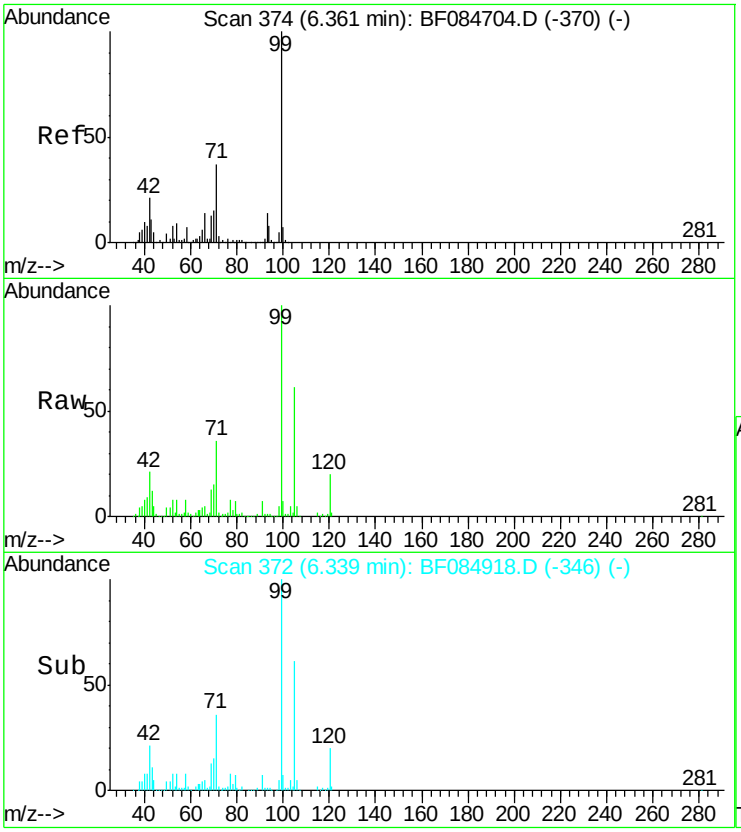


#5
2-Fluorophenol
Concen: 63.45 ng
RT: 5.25 min Scan# 277
Delta R.T. -0.02 min
Lab File: BF084918.D
Acq: 6 Feb 2016 18:12

Tgt Ion:112 Resp: 714842

Ion	Ratio	Lower	Upper
112	100		
64	60.4	36.6	55.0#
63	31.3	19.4	29.0#



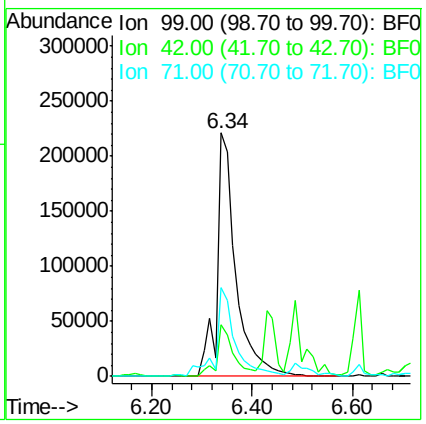


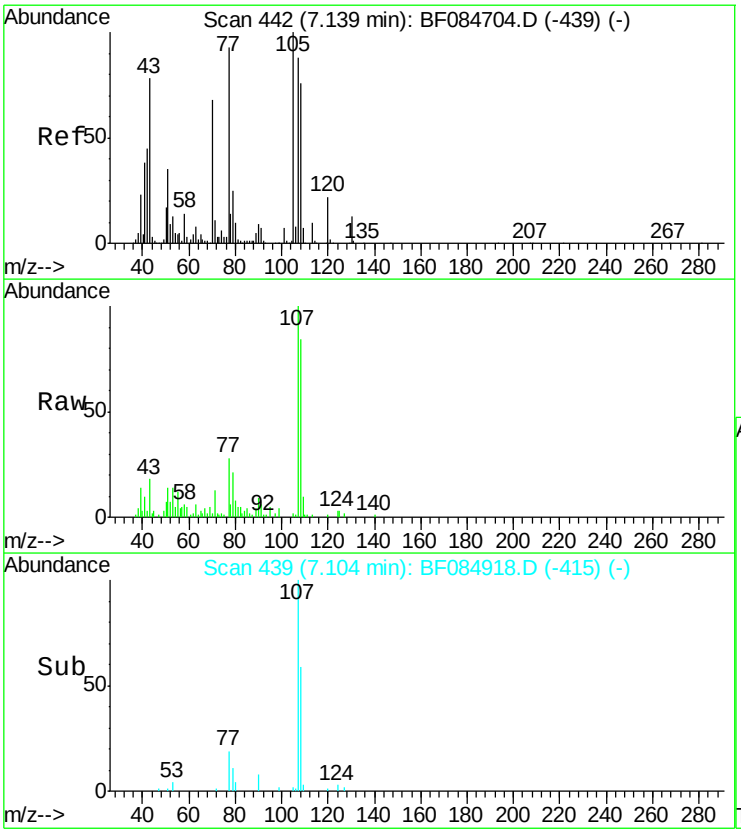
#7
Phenol-d6
Concen: 41.32 ng
RT: 6.34 min Scan# 372
Delta R.T. -0.00 min
Lab File: BF084918.D
Acq: 6 Feb 2016 18:12

Instrument :
BNA_F
ClientSampleId :
AW-1

Tgt Ion: 99 Resp: 577123

Ion	Ratio	Lower	Upper
99	100		
42	21.3	12.8	19.2#
71	36.3	30.9	46.3

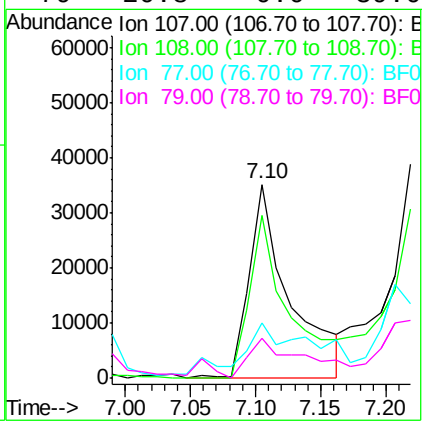


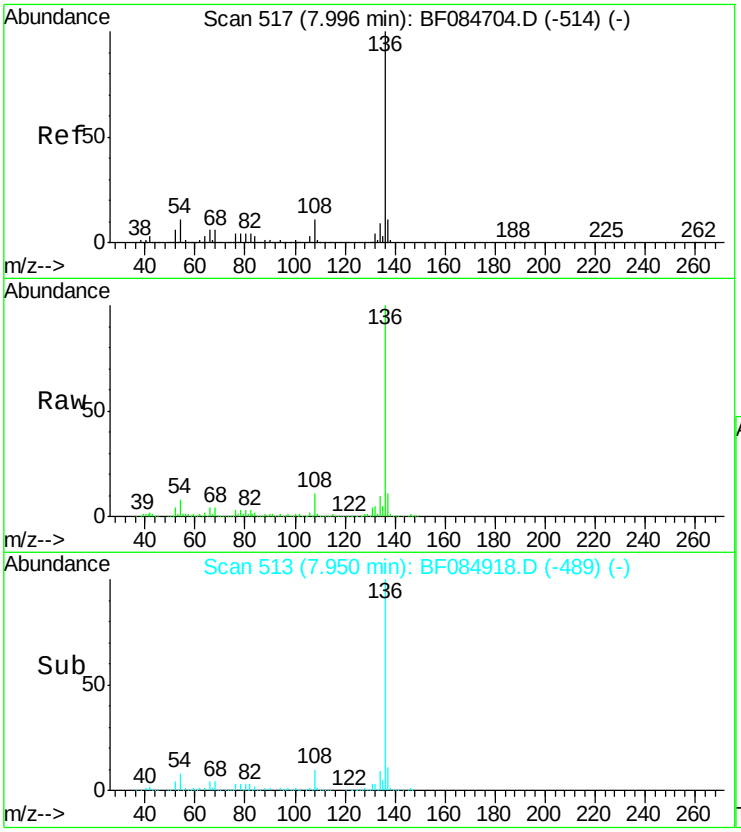


#20
3+4-Methylphenols
Concen: 6.10 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.02 min
Lab File: BF084918.D
Acq: 6 Feb 2016 18:12

Tgt Ion:107 Resp: 76306

Ion	Ratio	Lower	Upper
107	100		
108	83.8	74.6	114.6
77	28.4	0.7	40.7
79	20.8	0.0	39.0



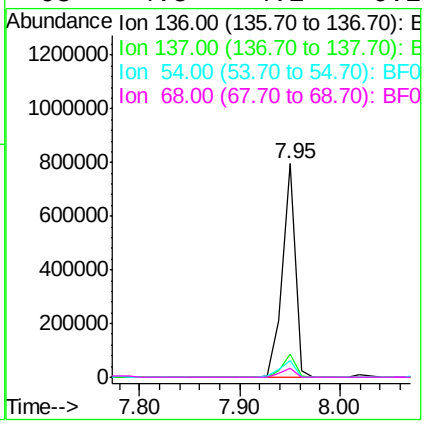


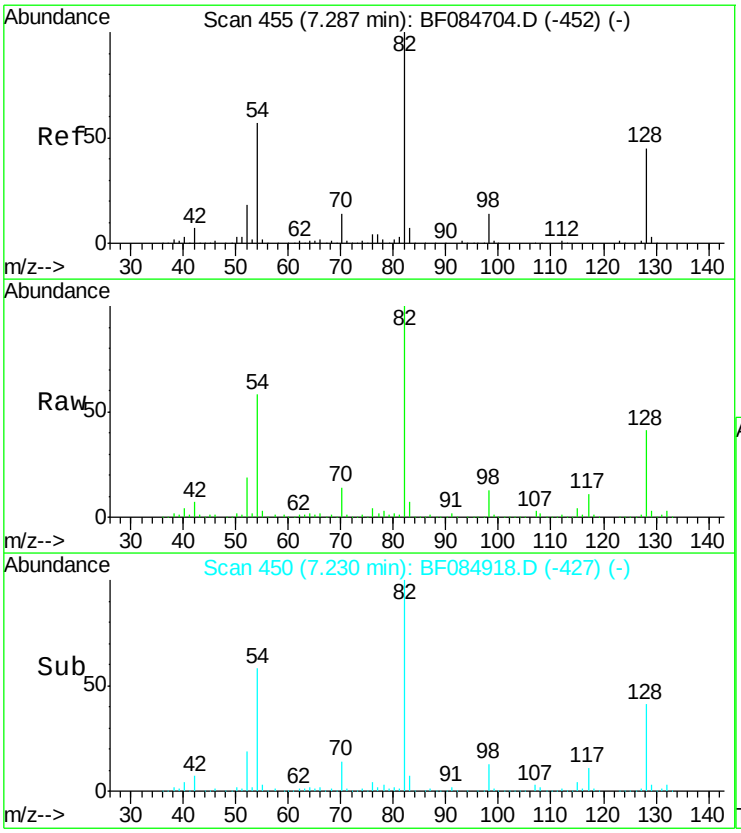
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084918.D
Acq: 6 Feb 2016 18:12

Instrument :
BNA_F
ClientSampleId :
AW-1

Tgt Ion:136 Resp: 716984

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.9	5.8	8.8
68	4.5	4.2	6.2

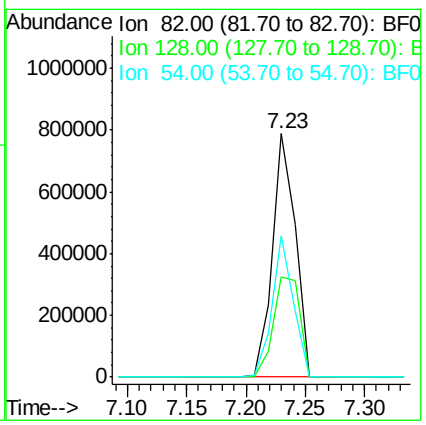


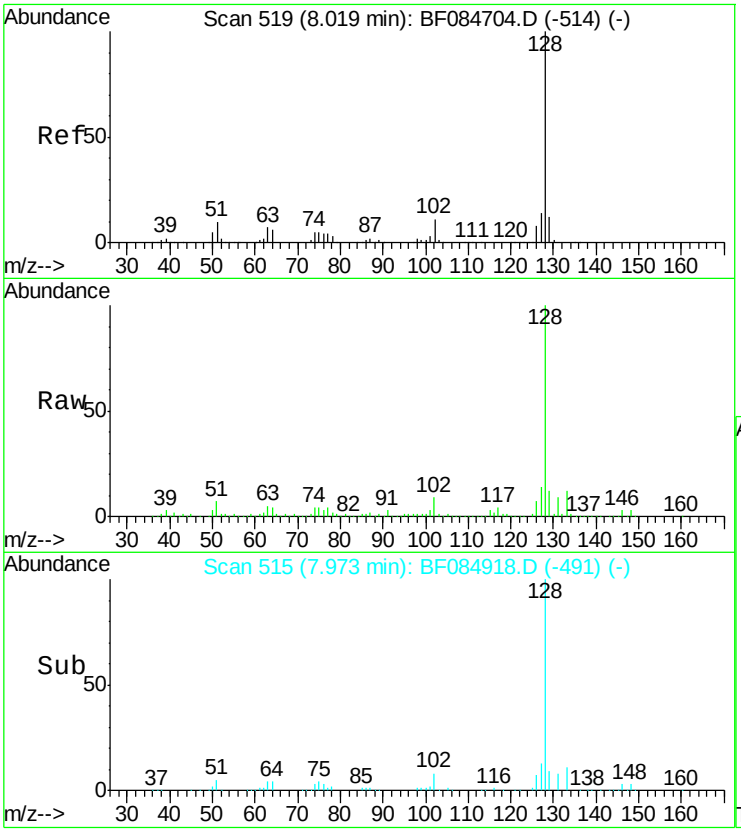


#23
Nitrobenzene-d5
Concen: 82.34 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF084918.D
Acq: 6 Feb 2016 18:12

Tgt Ion: 82 Resp: 1047982

Ion	Ratio	Lower	Upper
82	100		
128	41.3	34.6	51.8
54	57.9	38.4	57.6#



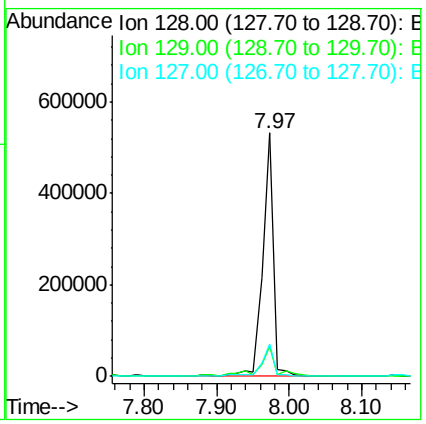


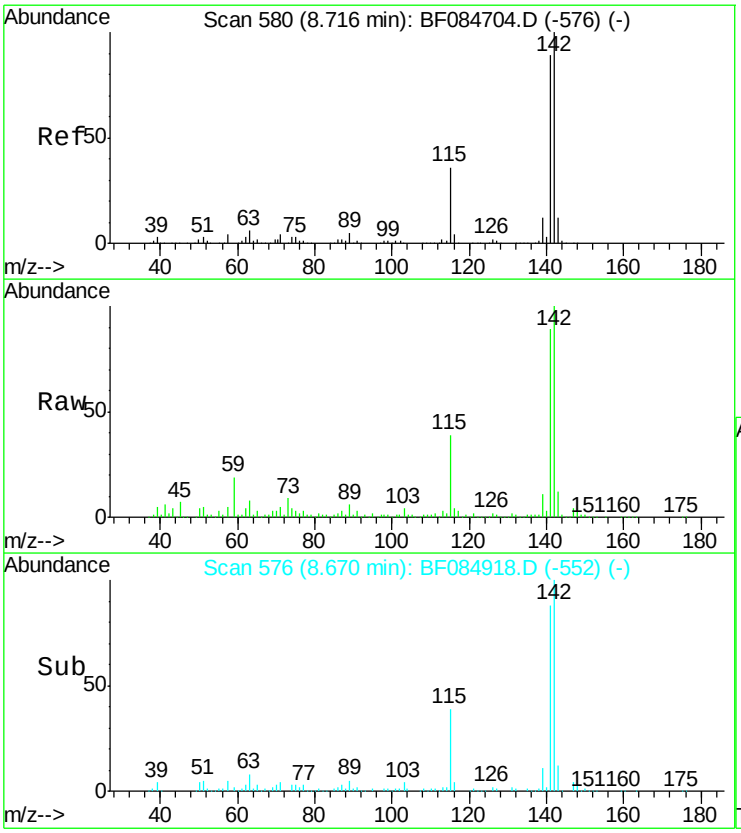
#31
Naphthalene
Concen: 15.71 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF084918.D
Acq: 6 Feb 2016 18:12

Instrument :
BNA_F
ClientSampleId :
AW-1

Tgt Ion:128 Resp: 564982

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.1	13.7
127	13.5	11.1	16.7

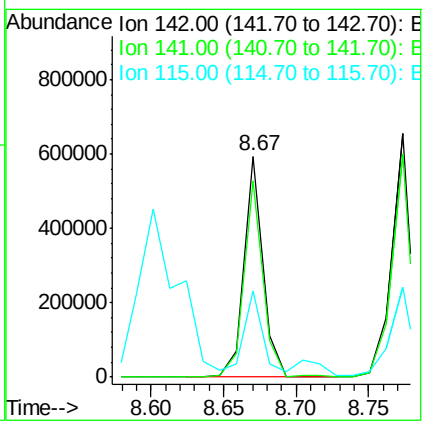


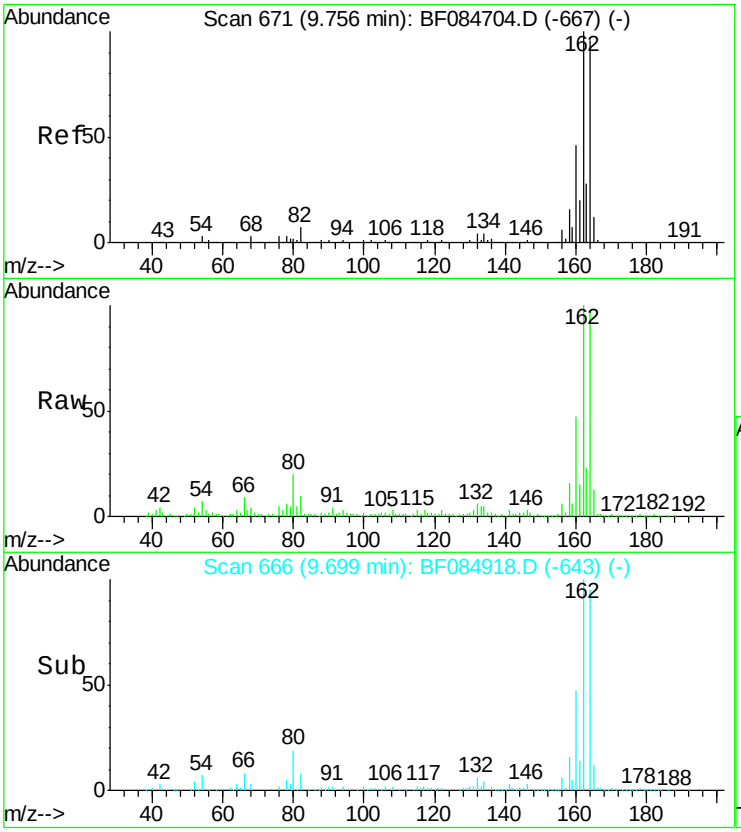


#37
2-Methylnaphthalene
Concen: 23.75 ng
RT: 8.67 min Scan# 576
Delta R.T. -0.02 min
Lab File: BF084918.D
Acq: 6 Feb 2016 18:12

Tgt Ion:142 Resp: 534668

Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.4	108.6
115	39.2	27.9	41.9



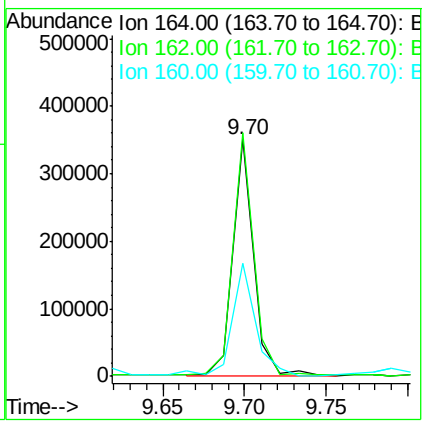


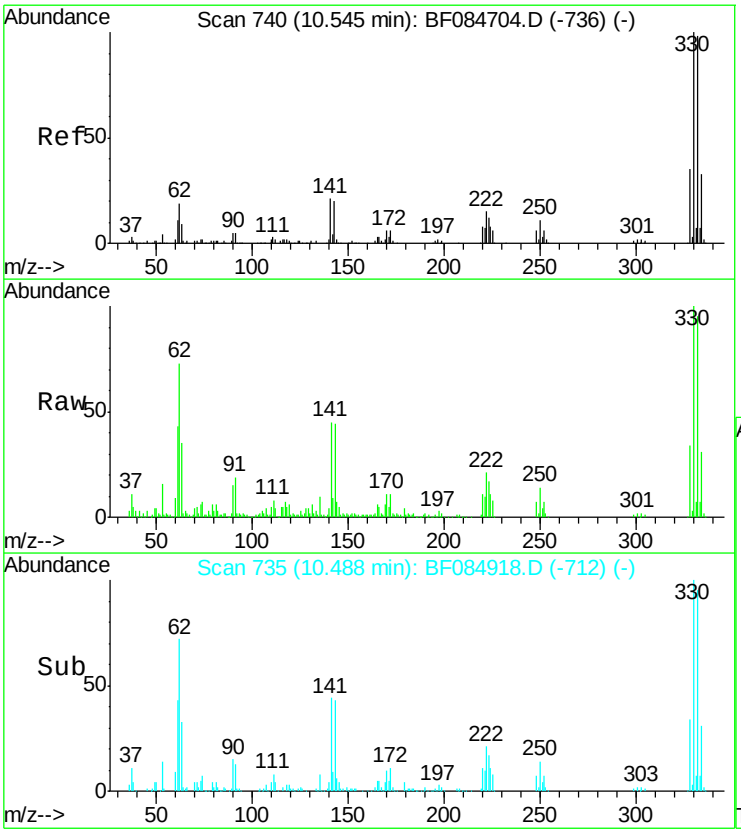
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084918.D
Acq: 6 Feb 2016 18:12

Instrument :
BNA_F
ClientSampleId :
AW-1

Tgt Ion:164 Resp: 302024

Ion	Ratio	Lower	Upper
164	100		
162	102.7	85.1	127.7
160	47.9	37.5	56.3

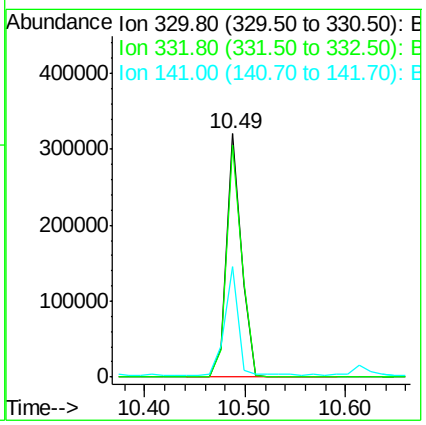


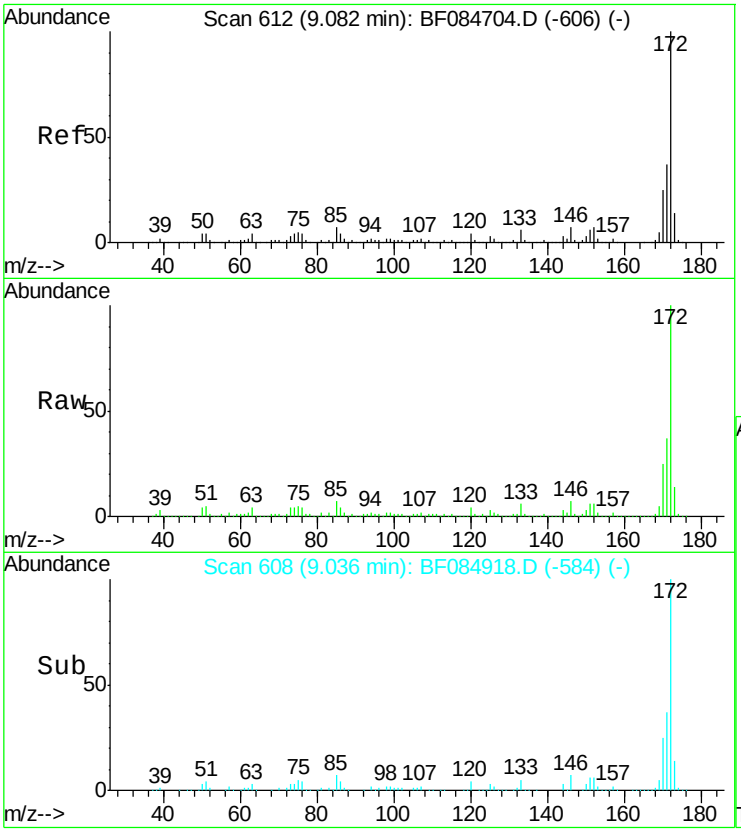


#41
2,4,6-Tribromophenol
Concen: 105.76 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF084918.D
Acq: 6 Feb 2016 18:12

Tgt Ion:330 Resp: 333169

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	114.8
141	40.4	27.8	41.6



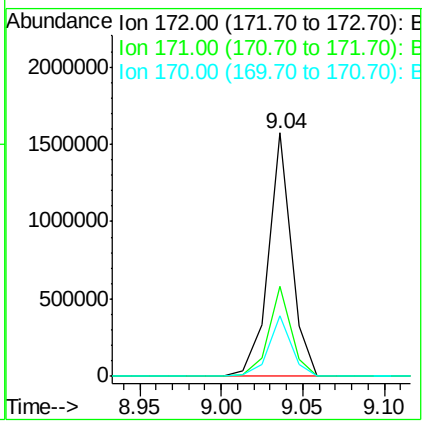


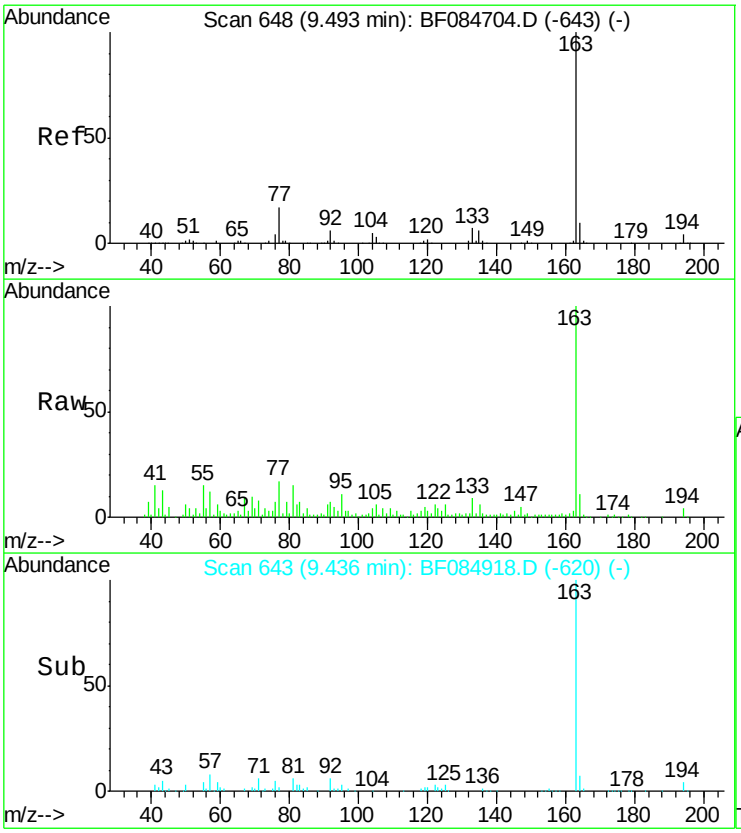
#44
2-Fluorobiphenyl
Concen: 88.31 ng
RT: 9.04 min Scan# 608
Delta R.T. -0.02 min
Lab File: BF084918.D
Acq: 6 Feb 2016 18:12

Instrument :
BNA_F
ClientSampleId :
AW-1

Tgt Ion:172 Resp: 1563140

Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.9	43.3
170	25.0	18.6	27.8

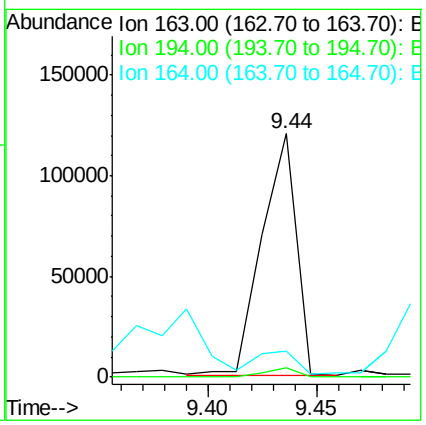


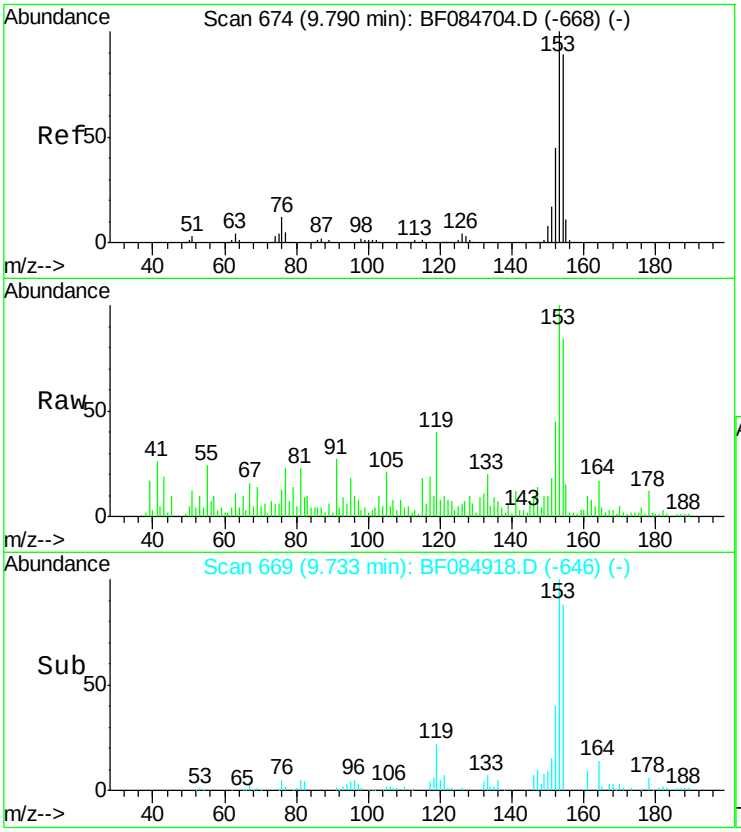


#49
Dimethylphthalate
Concen: 5.79 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF084918.D
Acq: 6 Feb 2016 18:12

Tgt Ion:163 Resp: 133185

Ion	Ratio	Lower	Upper
163	100		
194	3.7	8.0	12.0#
164	10.8	8.0	12.0



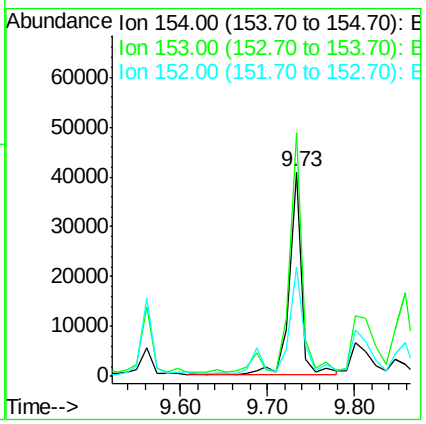


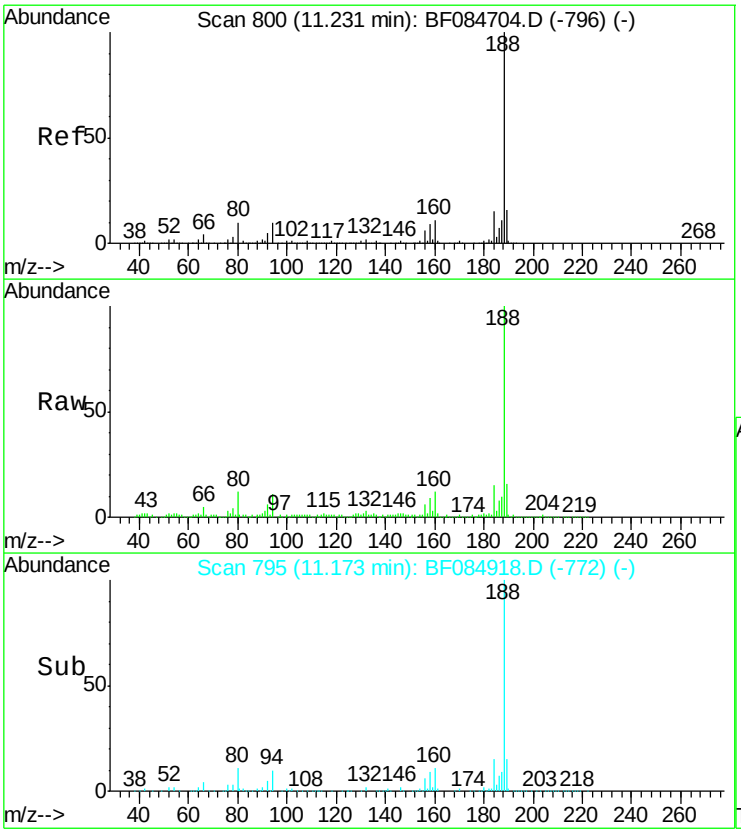
#51
Acenaphthene
Concen: 2.02 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.03 min
Lab File: BF084918.D
Acq: 6 Feb 2016 18:12

Instrument :
BNA_F
ClientSampleId :
AW-1

Tgt Ion:154 Resp: 39558

Ion	Ratio	Lower	Upper
154	100		
153	119.1	91.5	137.3
152	53.3	43.0	64.6

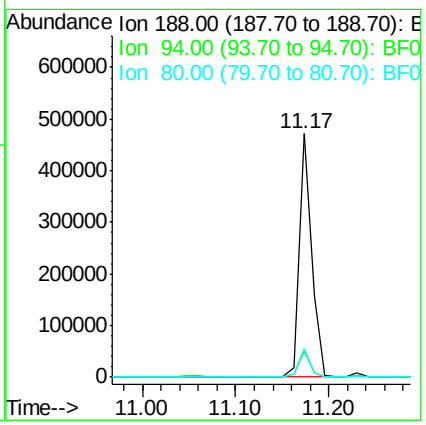


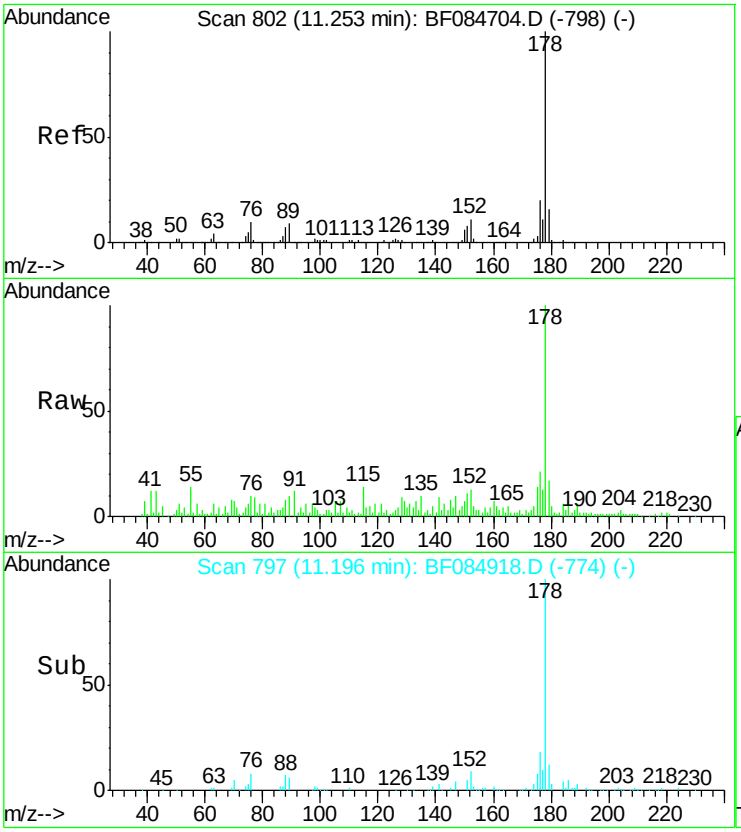


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084918.D
Acq: 6 Feb 2016 18:12

Tgt Ion:188 Resp: 447039

Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.0	13.4
80	11.6	9.6	14.4



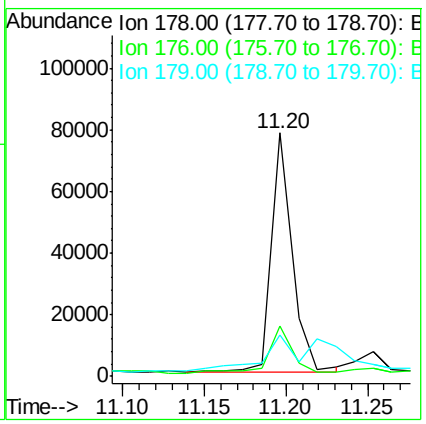


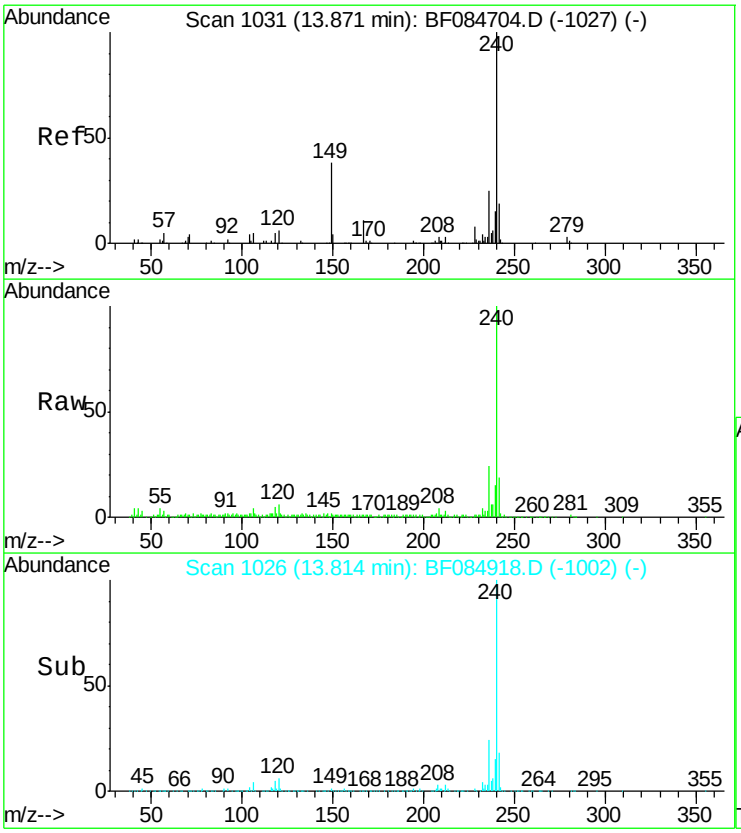
#70
Phenanthrene
Concen: 2.79 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF084918.D
Acq: 6 Feb 2016 18:12

Instrument :
BNA_F
ClientSampleId :
AW-1

Tgt Ion:178 Resp: 69229

Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.3	22.9
179	17.1	12.0	18.0

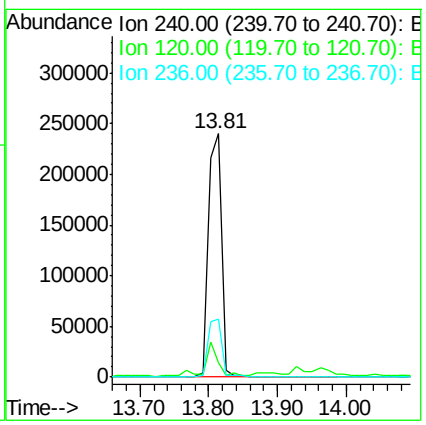


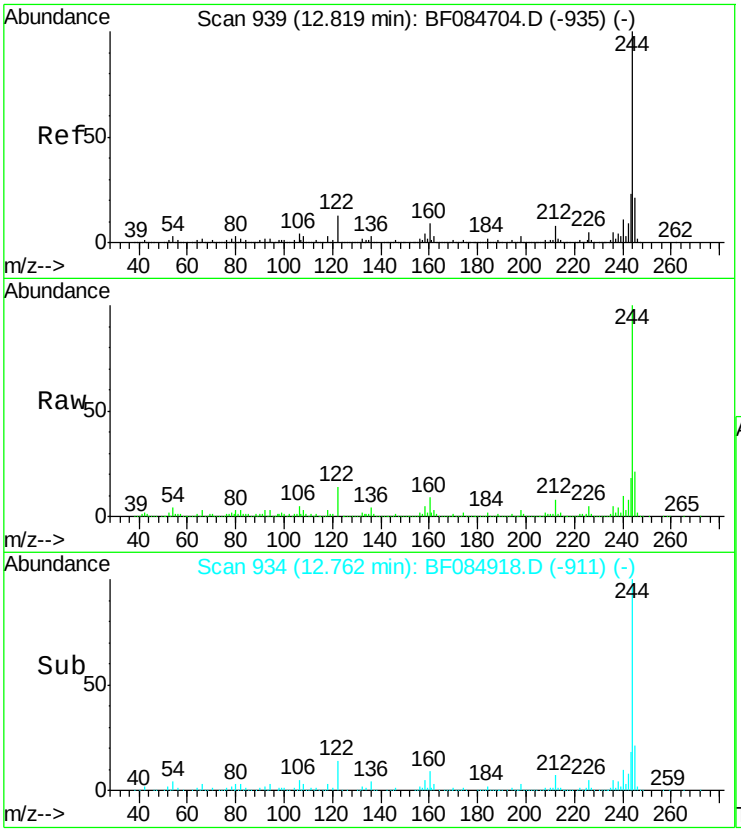


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF084918.D
Acq: 6 Feb 2016 18:12

Tgt Ion:240 Resp: 324160

Ion	Ratio	Lower	Upper
240	100		
120	6.2	9.5	14.3#
236	24.1	20.6	31.0



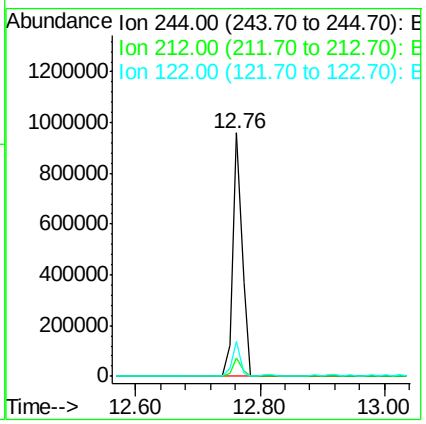


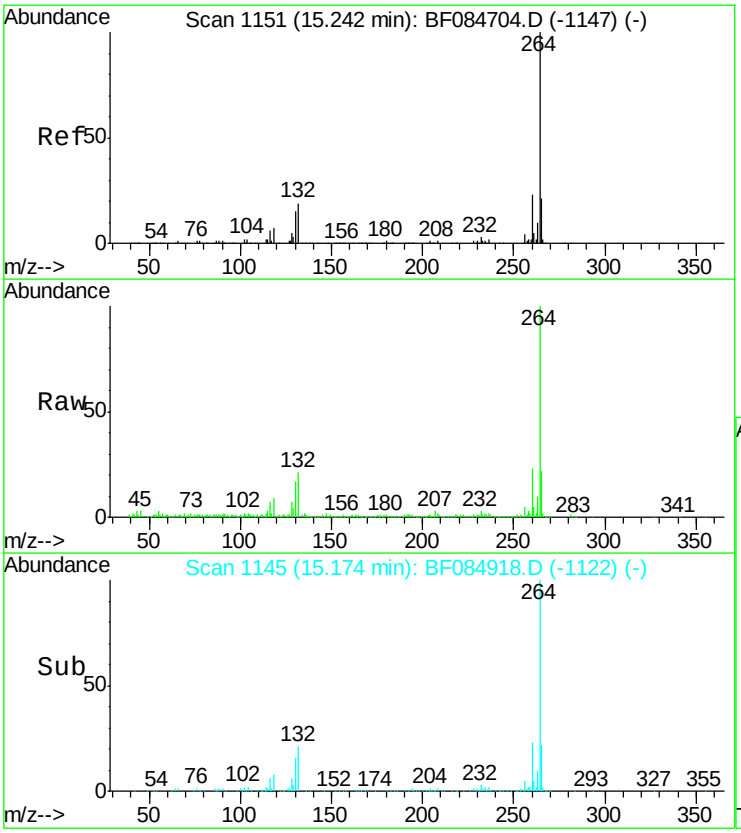
#78
Terphenyl-d14
Concen: 70.11 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF084918.D
Acq: 6 Feb 2016 18:12

Instrument :
BNA_F
ClientSampleId :
AW-1

Tgt Ion:244 Resp: 1002970

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	14.5	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084918.D
Acq: 6 Feb 2016 18:12

Tgt Ion:264 Resp: 313054

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.4	29.2
265	22.3	17.8	26.6