Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088147.D
Acq On : 18 Jun 2016 21:30
Operator : UM/SJ
Sample : H3580-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 08-B5(8-16)C

Quant Time: Jun 20 05:53:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 17 16:09:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	98469	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	353517	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	139368	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	228445	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	185013	20.00	ng	-0.02
86) Perylene-d12	15.21	264	139783	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	604098	104.88	ng	0.01
7) Phenol-d6	6.34	99	635841	91.09	ng	-0.01
23) Nitrobenzene-d5	7.26	82	404076	66.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	113920	77.41	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	634133	70.54	ng	-0.02
78) Terphenyl-d14	12.79	244	459662	56.54	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	289439	28.67	ng	99
74) Fluoranthene	12.41	202	43063	3.40	ng	95
77) Pyrene	12.64	202	39099	2.85	ng	97

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

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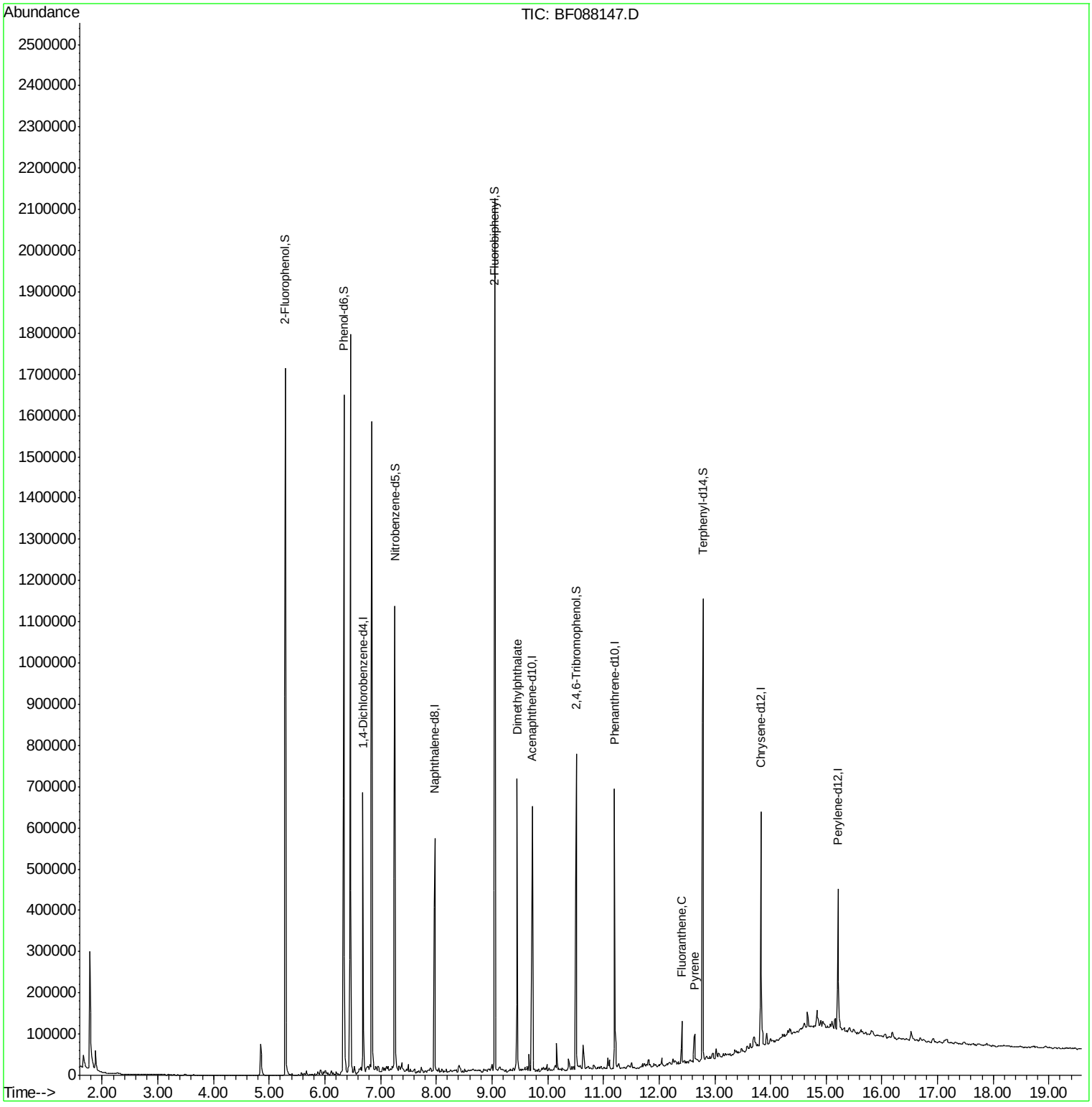
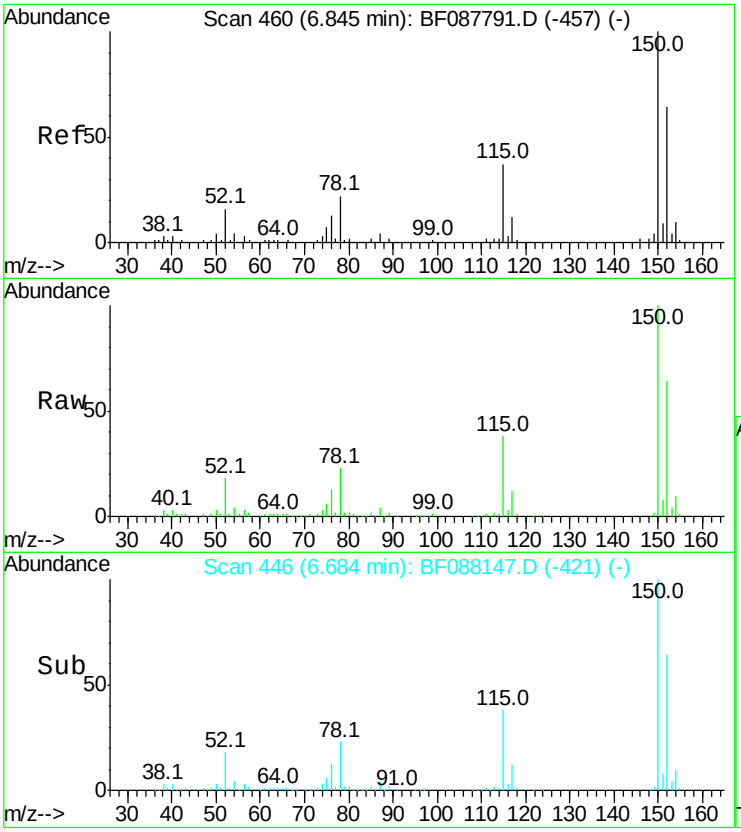


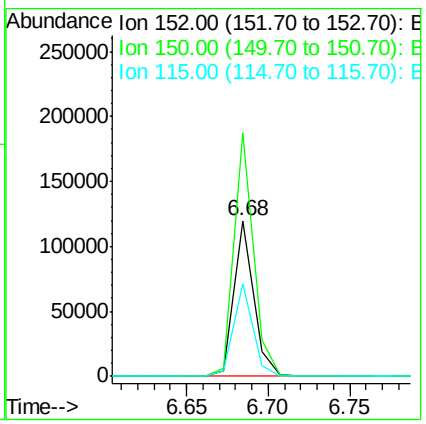


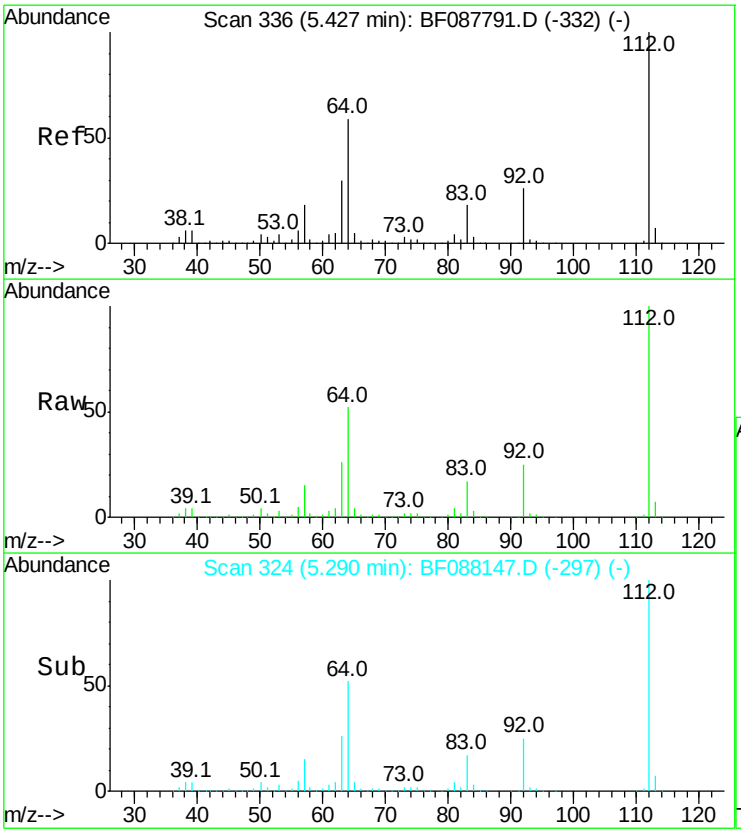
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF088147.D
Acq: 18 Jun 2016 21:30

Instrument :
BNA_F
ClientSampleId :
08-B5(8-16)C

Tgt Ion:152 Resp: 98469

Ion	Ratio	Lower	Upper
152	100		
150	156.8	123.8	185.6
115	59.8	39.6	59.4#

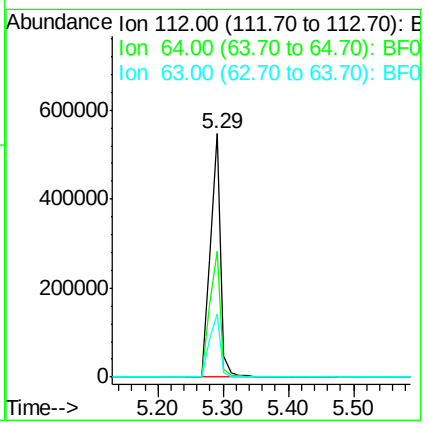


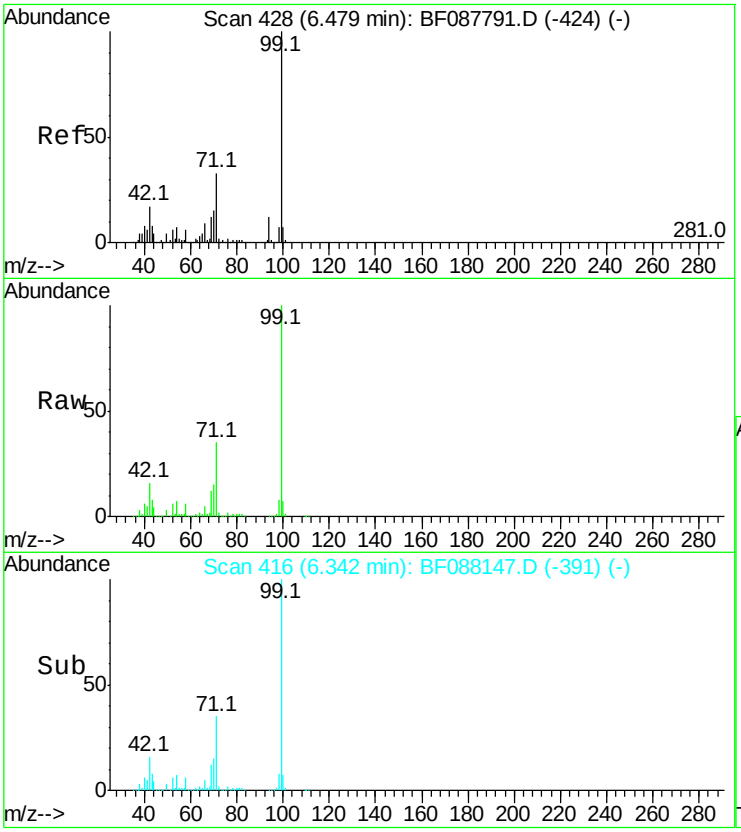


#5
2-Fluorophenol
Concen: 104.88 ng
RT: 5.29 min Scan# 324
Delta R.T. 0.01 min
Lab File: BF088147.D
Acq: 18 Jun 2016 21:30

Tgt Ion:112 Resp: 604098

Ion	Ratio	Lower	Upper
112	100		
64	51.5	42.2	63.2
63	26.1	21.8	32.8



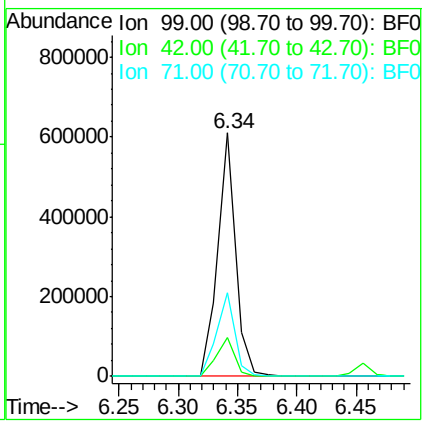


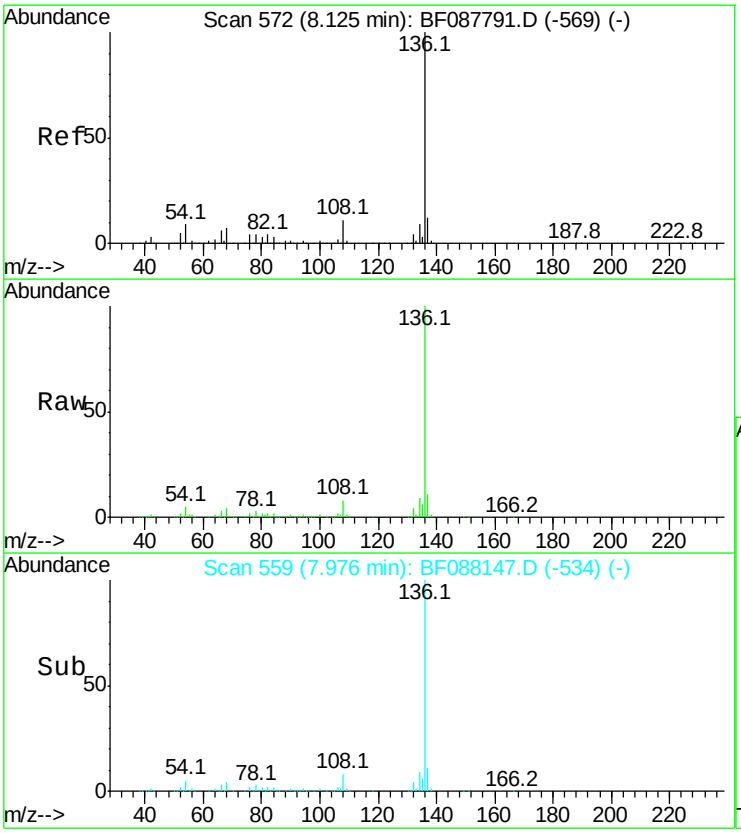
#7
Phenol-d6
Concen: 91.09 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF088147.D
Acq: 18 Jun 2016 21:30

Instrument :
BNA_F
ClientSampleId :
08-B5(8-16)C

Tgt Ion: 99 Resp: 635841

Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.2	18.2
71	34.6	23.4	35.0

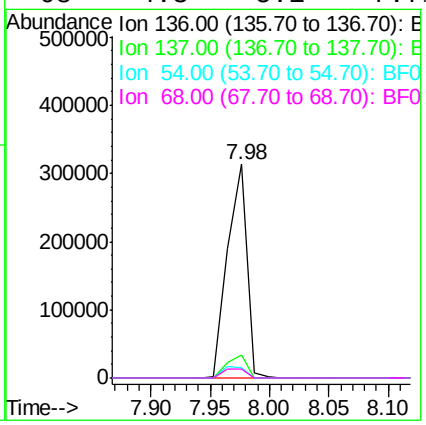


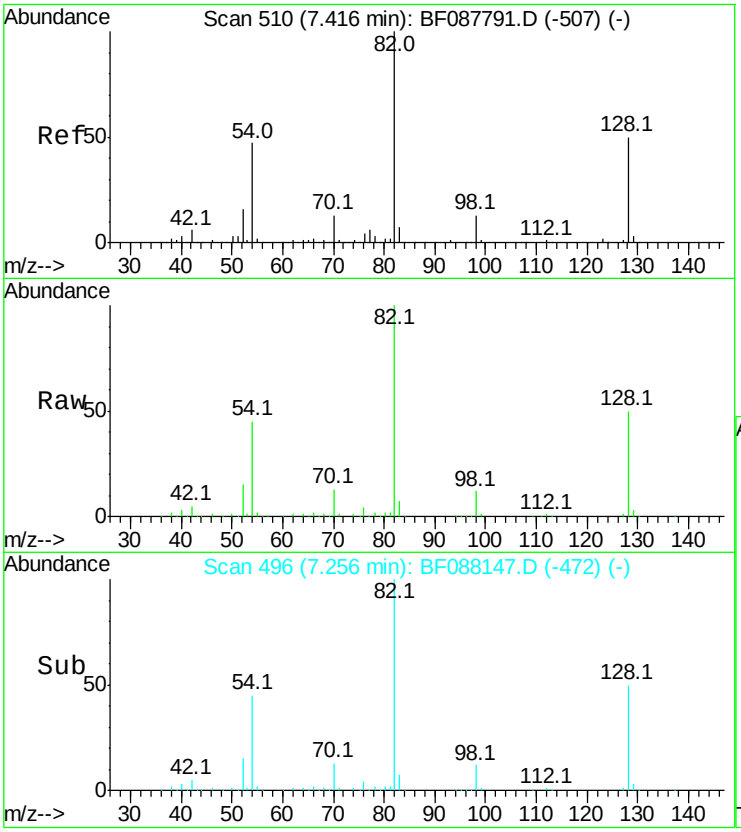


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF088147.D
Acq: 18 Jun 2016 21:30

Tgt Ion:136 Resp: 353517

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	4.8	6.6	10.0#
68	4.3	5.1	7.7#



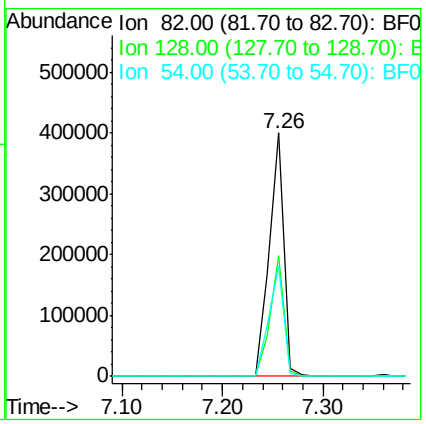


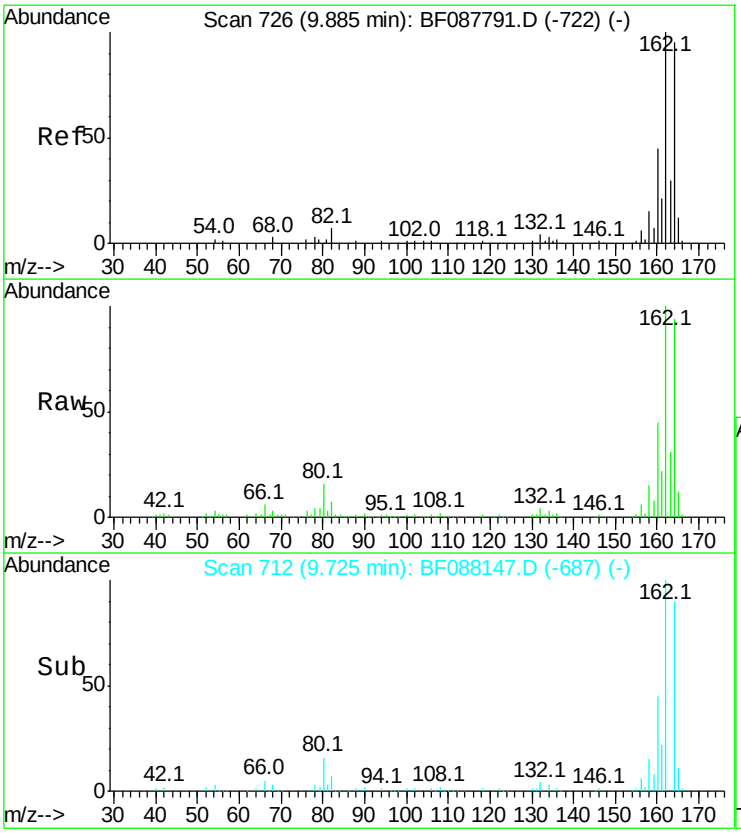
#23
Nitrobenzene-d5
Concen: 66.75 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF088147.D
Acq: 18 Jun 2016 21:30

Instrument :
BNA_F
ClientSampleId :
08-B5(8-16)C

Tgt Ion: 82 Resp: 404076

Ion	Ratio	Lower	Upper
82	100		
128	49.8	35.9	53.9
54	45.2	40.9	61.3

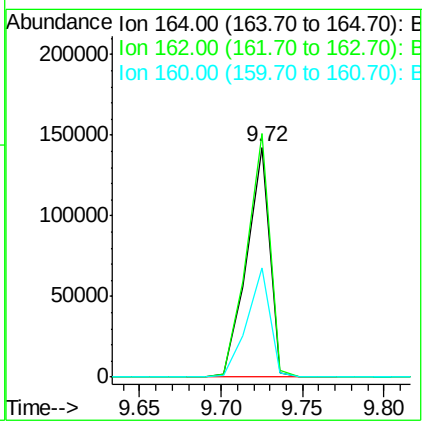


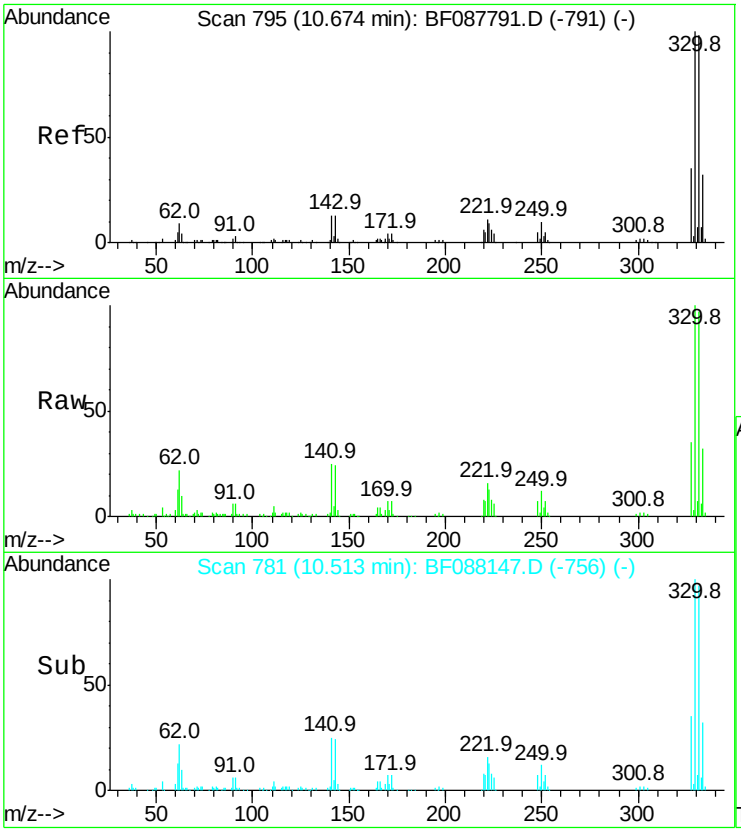


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF088147.D
Acq: 18 Jun 2016 21:30

Tgt Ion:164 Resp: 139368

Ion	Ratio	Lower	Upper
164	100		
162	106.0	85.4	128.2
160	47.8	39.5	59.3



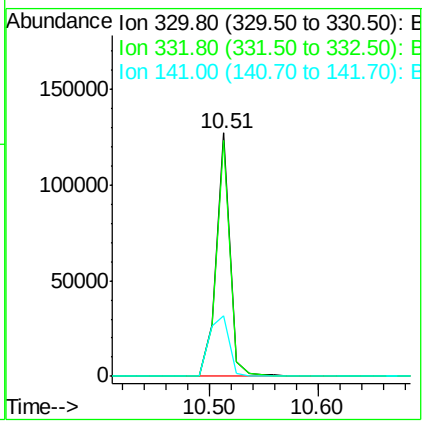


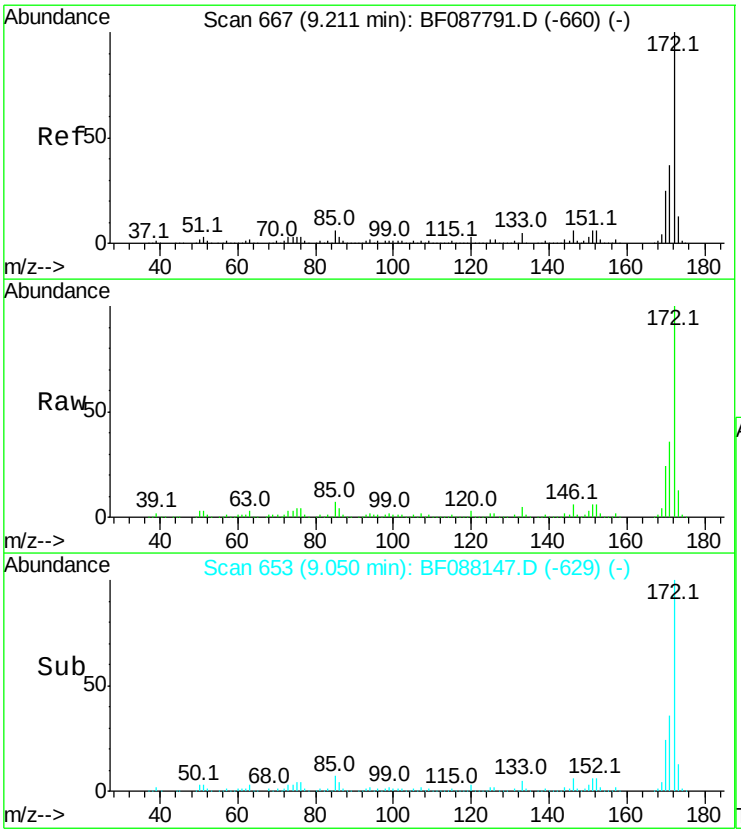
#41
2,4,6-Tribromophenol
Concen: 77.41 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF088147.D
Acq: 18 Jun 2016 21:30

Instrument :
BNA_F
ClientSampleId :
08-B5(8-16)C

Tgt Ion:330 Resp: 113920

Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	36.7	0.0	0.0#

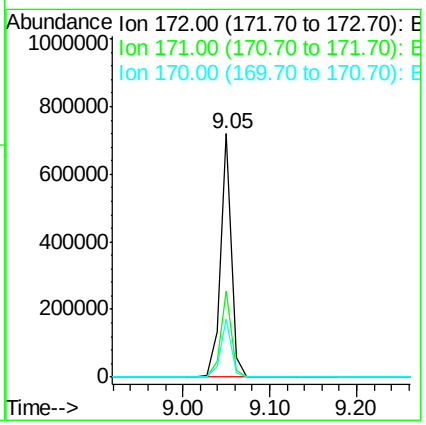


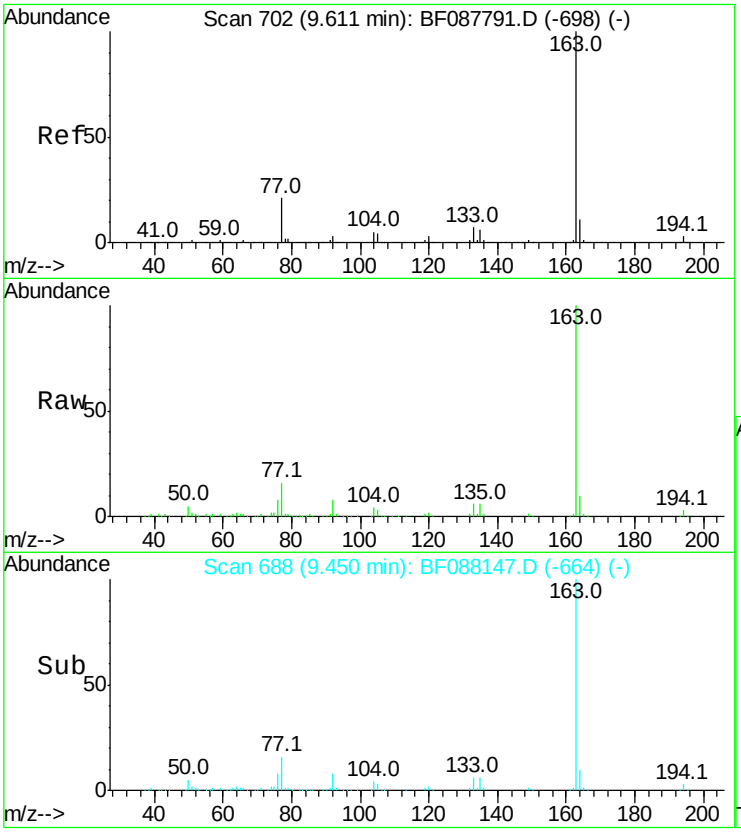


#44
2-Fluorobiphenyl
Concen: 70.54 ng
RT: 9.05 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF088147.D
Acq: 18 Jun 2016 21:30

Tgt Ion:172 Resp: 634133

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	24.0	19.2	28.8



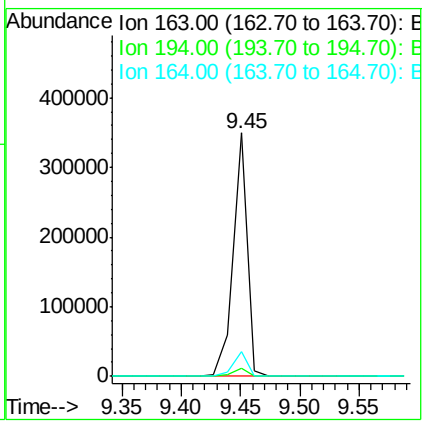


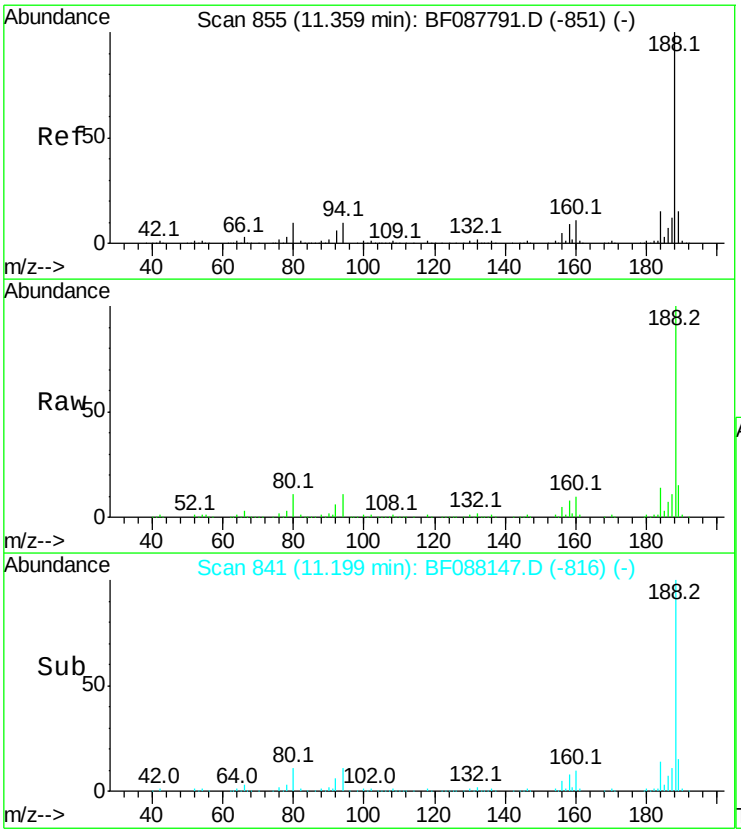
#49
Dimethylphthalate
Concen: 28.67 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF088147.D
Acq: 18 Jun 2016 21:30

Instrument :
BNA_F
ClientSampleId :
08-B5(8-16)C

Tgt Ion:163 Resp: 289439

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	10.0	8.3	12.5

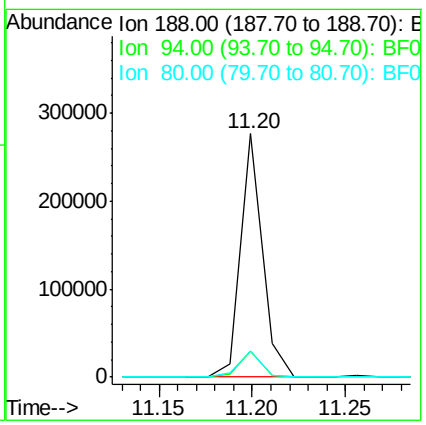


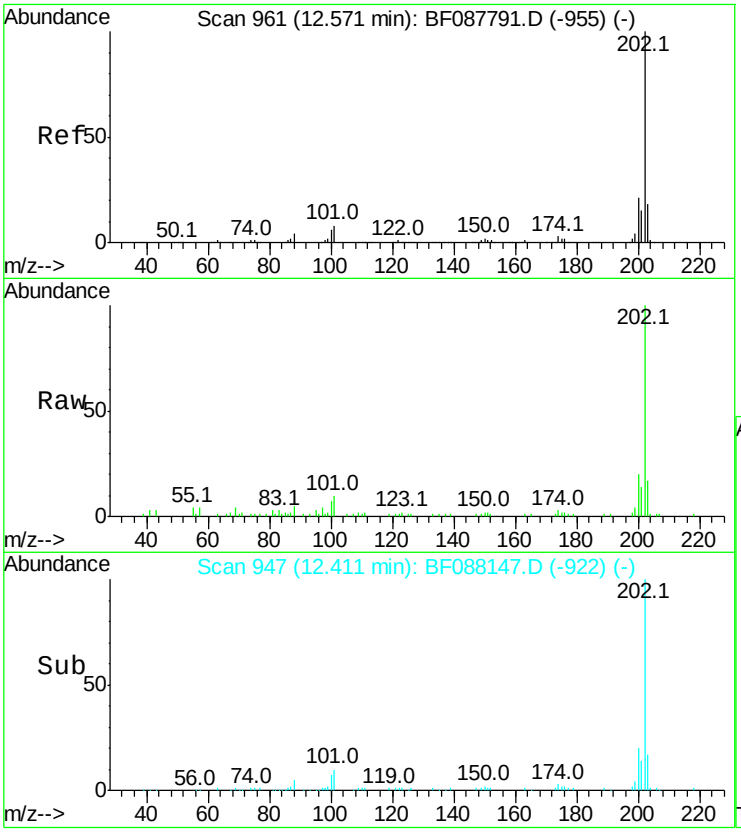


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF088147.D
Acq: 18 Jun 2016 21:30

Tgt Ion:188 Resp: 228445

Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.0	13.6
80	10.7	10.0	15.0



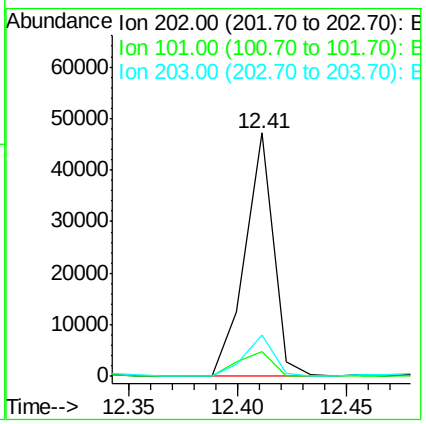


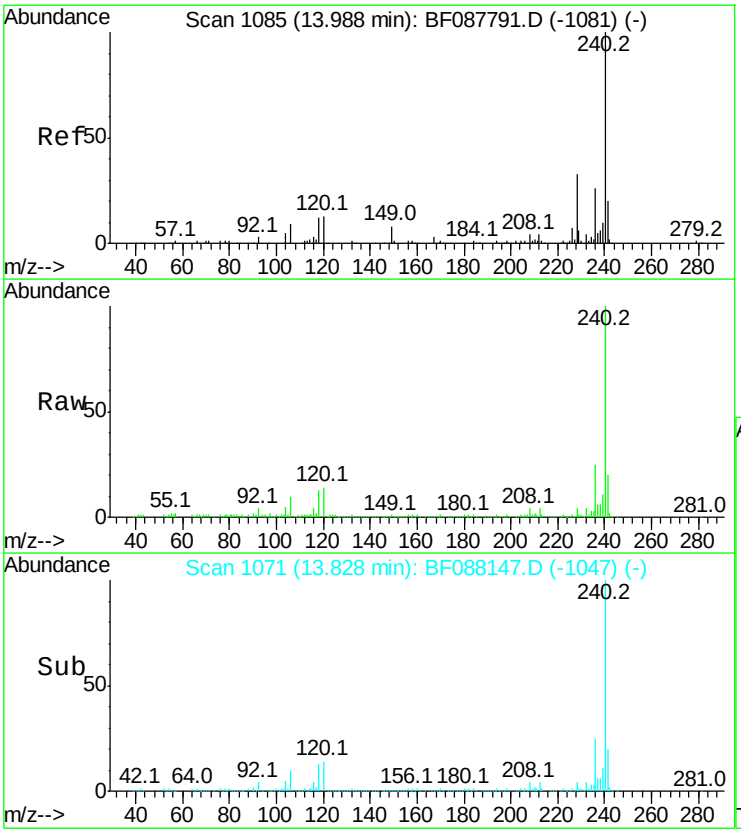
#74
Fluoranthene
Concen: 3.40 ng
RT: 12.41 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF088147.D
Acq: 18 Jun 2016 21:30

Instrument :
BNA_F
ClientSampleId :
08-B5(8-16)C

Tgt Ion:202 Resp: 43063

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	33.1
203	16.7	0.0	38.1

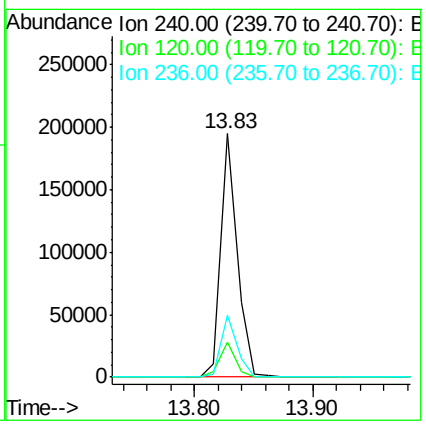


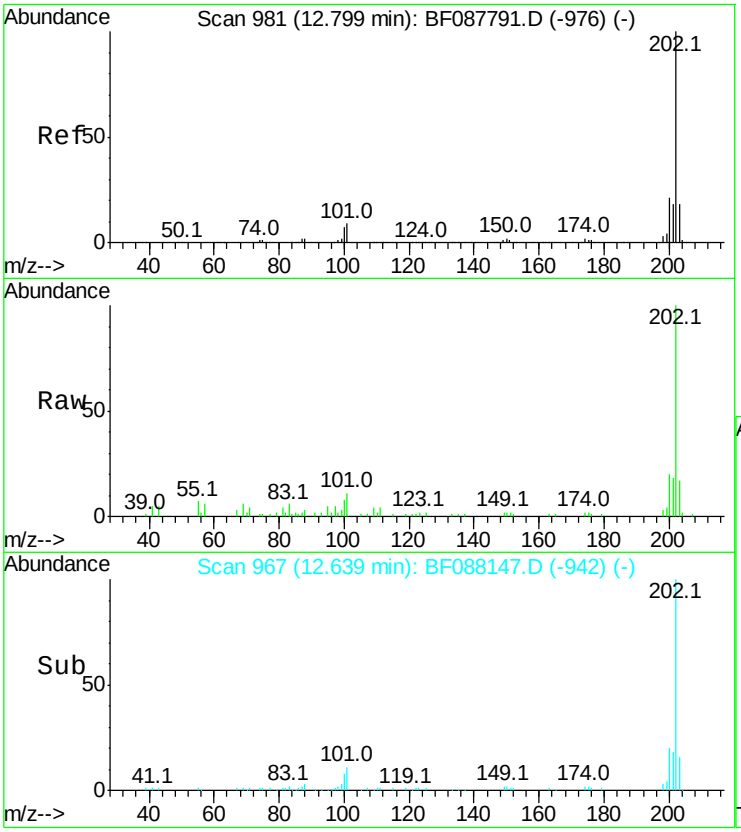


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF088147.D
Acq: 18 Jun 2016 21:30

Tgt Ion:240 Resp: 185013

Ion	Ratio	Lower	Upper
240	100		
120	14.5	6.8	10.2#
236	25.3	20.2	30.2



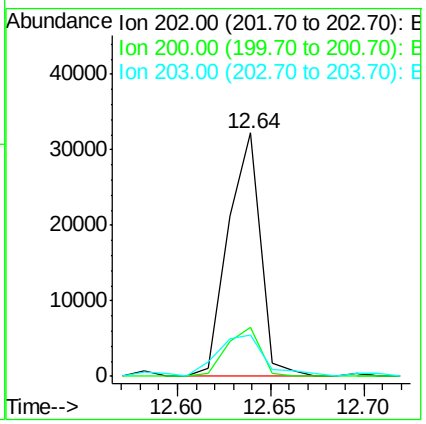


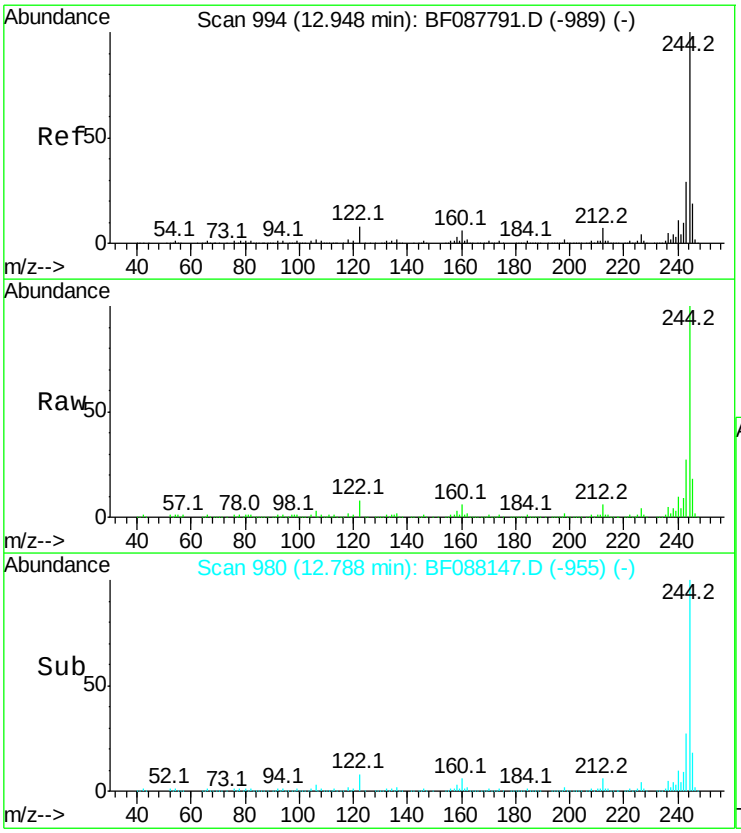
#77
Pyrene
Concen: 2.85 ng
RT: 12.64 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF088147.D
Acq: 18 Jun 2016 21:30

Instrument :
BNA_F
ClientSampleId :
08-B5(8-16)C

Tgt Ion:202 Resp: 39099

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.4	26.2
203	16.9	14.5	21.7

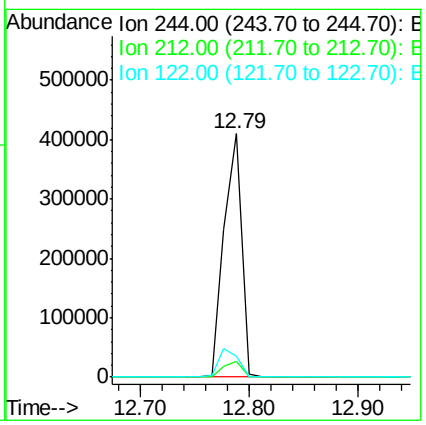


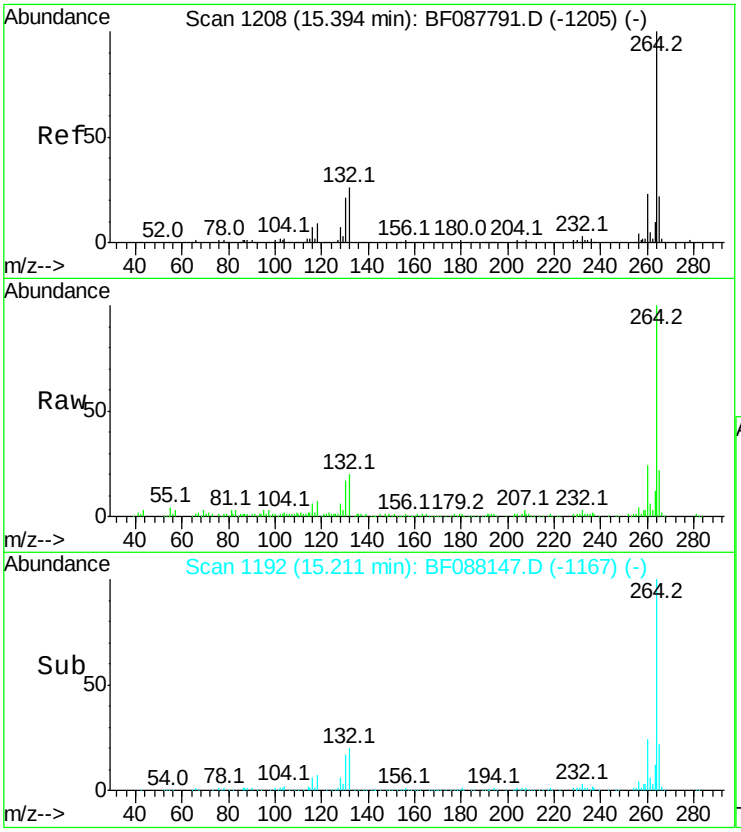


#78
Terphenyl-d14
Concen: 56.54 ng
RT: 12.79 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF088147.D
Acq: 18 Jun 2016 21:30

Tgt Ion:244 Resp: 459662

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	8.4	11.2	16.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF088147.D
Acq: 18 Jun 2016 21:30

Instrument :
BNA_F
ClientSampleId :
08-B5(8-16)C

Tgt Ion:264 Resp: 139783

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.6	16.9	25.3