Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052416\
Data File : BF087358.D
Acq On : 25 May 2016 2:30
Operator : UM/SJ
Sample : H3211-24
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TA-1330+60(0-4)

Quant Time: May 25 06:41:08 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 00:58:25 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	118230	20.00	ng	-0.01
21) Naphthalene-d8	9.59	136	471695	20.00	ng	-0.01
38) Acenaphthene-d10	12.41	164	198946	20.00	ng	-0.01
63) Phenanthrene-d10	14.82	188	449049	20.00	ng	0.00
75) Chrysene-d12	18.50	240	325357	20.00	ng	-0.01
86) Perylene-d12	20.18	264	40051	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	977832	145.33	ng	0.02
7) Phenol-d6	7.10	99	1207684	132.83	ng	-0.01
23) Nitrobenzene-d5	8.47	82	878569	93.87	ng	-0.02
41) 2,4,6-Tribromophenol	13.71	330	345391	180.66	ng	-0.01
44) 2-Fluorobiphenyl	11.37	172	1526872	108.20	ng	-0.01
78) Terphenyl-d14	17.17	244	1473929	96.31	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	9.62	128	377257	15.96	ng	99
37) 2-Methylnaphthalene	10.75	142	41244	2.79	ng	94
51) Acenaphthene	12.47	154	25314	2.03	ng	93

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

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Misc :
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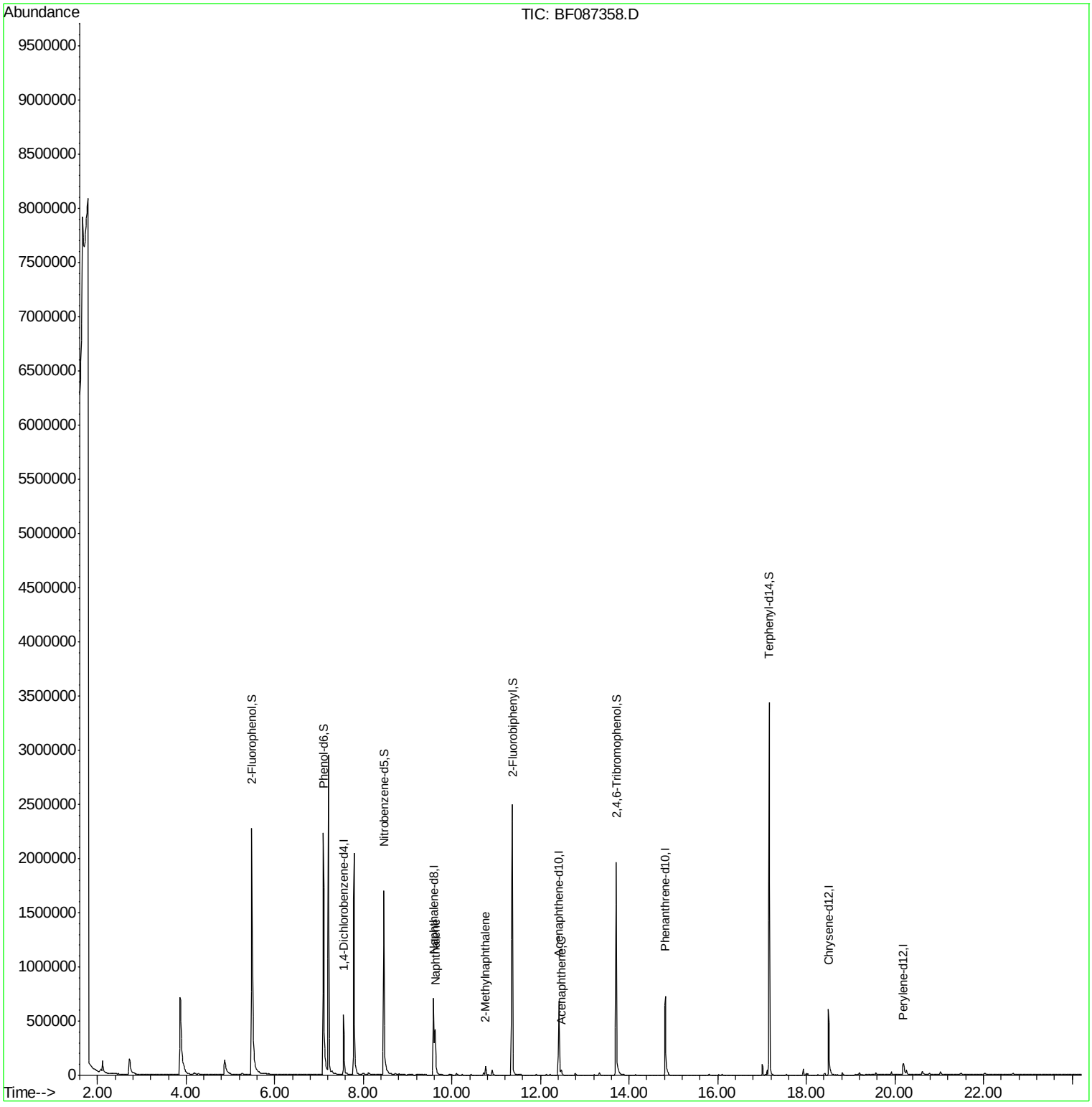
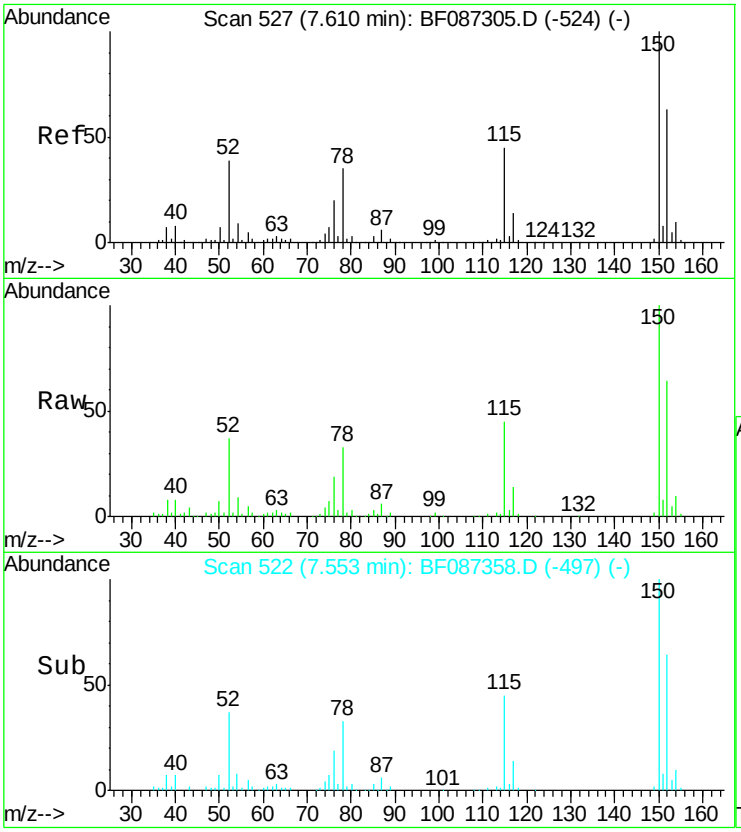


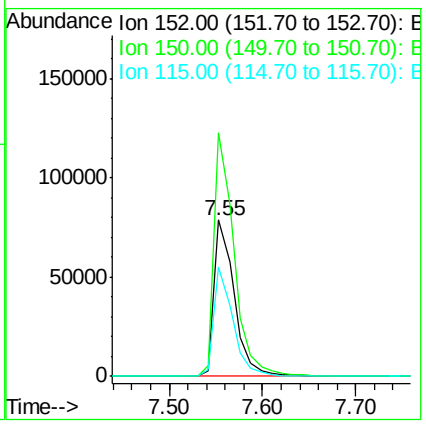


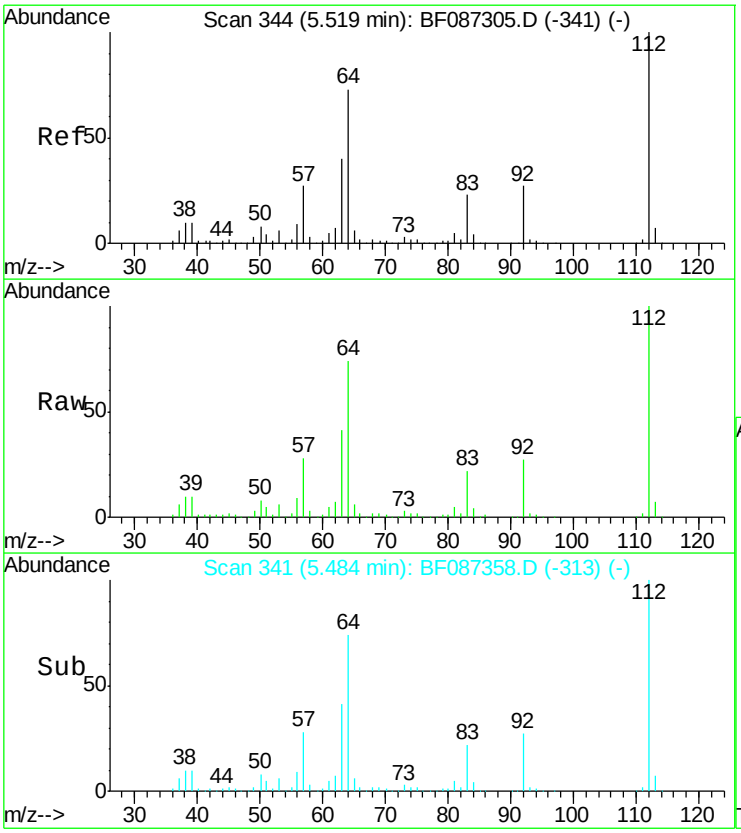
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.55 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF087358.D
Acq: 25 May 2016 2:30

Instrument :
BNA_F
ClientSampleId :
TA-1330+60(0-4)

Tgt Ion:152 Resp: 118230

Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.8	188.6
115	69.4	51.5	77.3

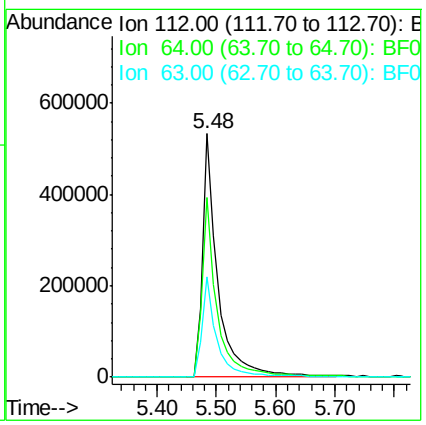


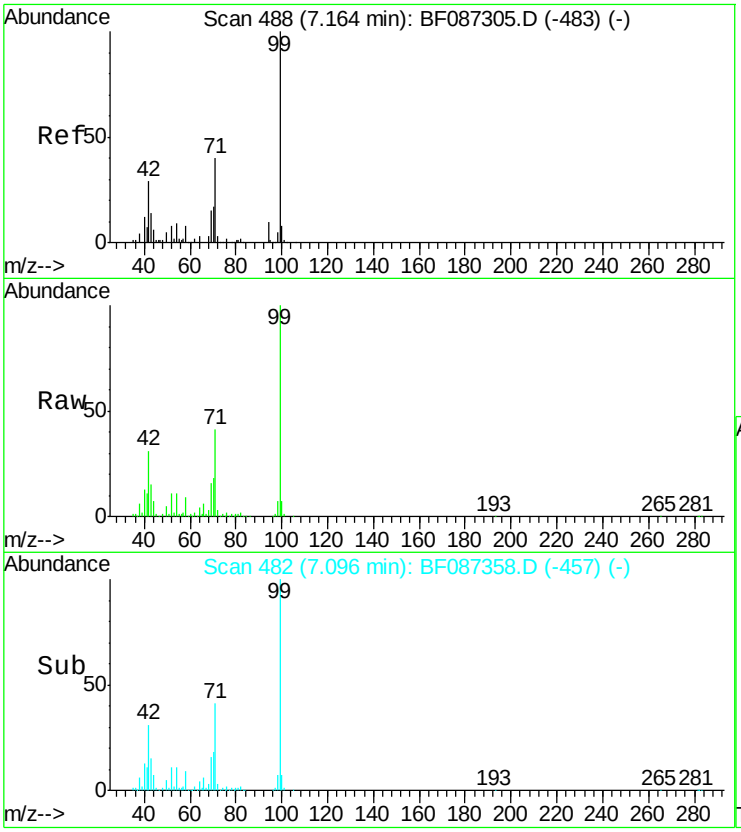


#5
2-Fluorophenol
Concen: 145.33 ng
RT: 5.48 min Scan# 341
Delta R.T. 0.02 min
Lab File: BF087358.D
Acq: 25 May 2016 2:30

Tgt Ion:112 Resp: 977832

Ion	Ratio	Lower	Upper
112	100		
64	74.0	52.1	78.1
63	41.1	25.7	38.5#



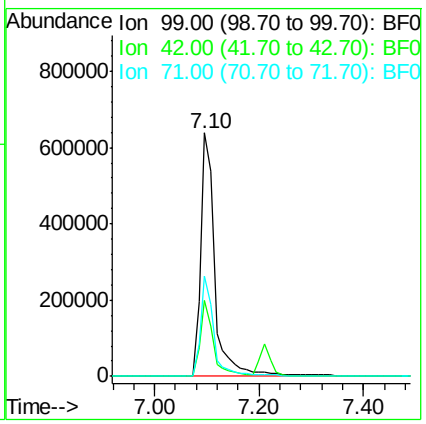


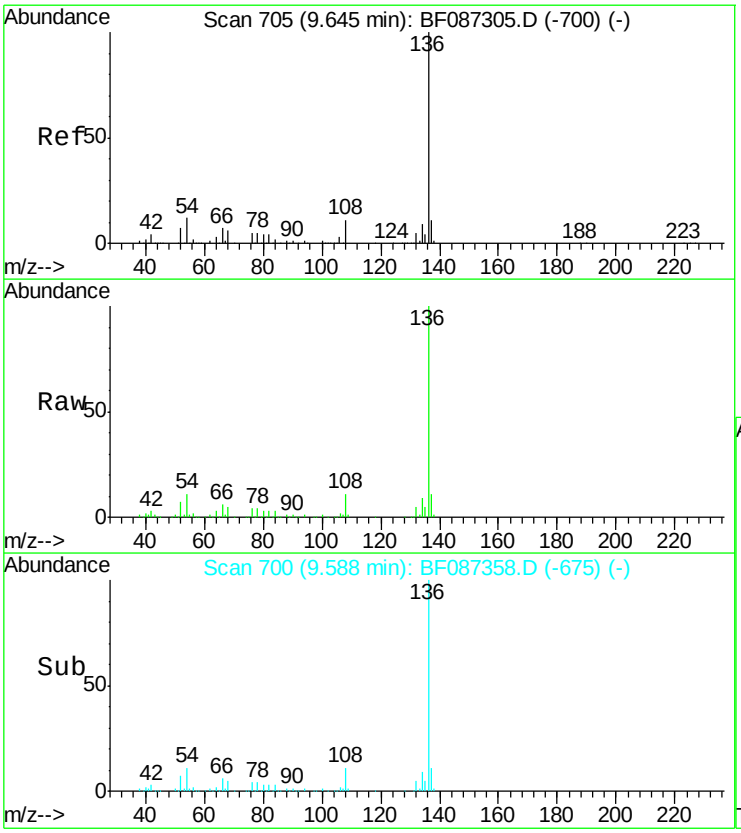
#7
Phenol-d6
Concen: 132.83 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF087358.D
Acq: 25 May 2016 2:30

Instrument :
BNA_F
ClientSampleId :
TA-1330+60(0-4)

Tgt Ion: 99 Resp: 1207684

Ion	Ratio	Lower	Upper
99	100		
42	31.1	13.6	20.4#
71	41.2	24.6	36.8#

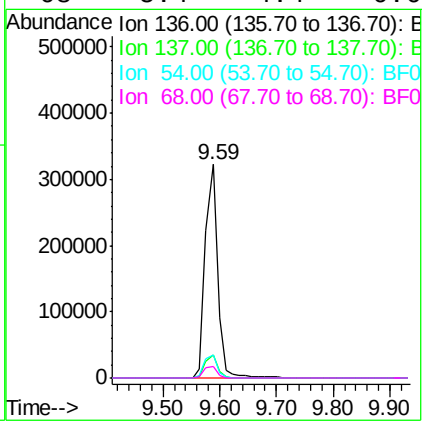


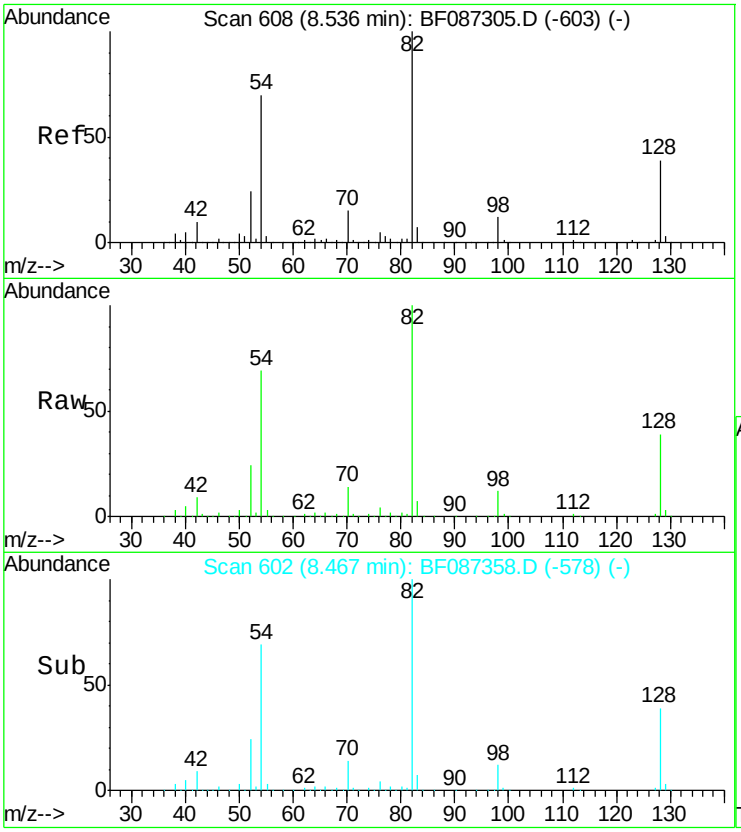


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF087358.D
Acq: 25 May 2016 2:30

Tgt Ion:136 Resp: 471695

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.7	5.0	7.4#
68	5.4	4.4	6.6



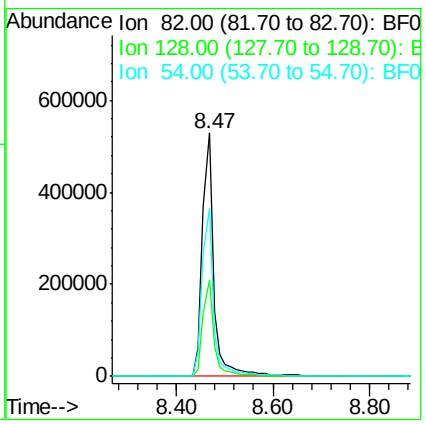


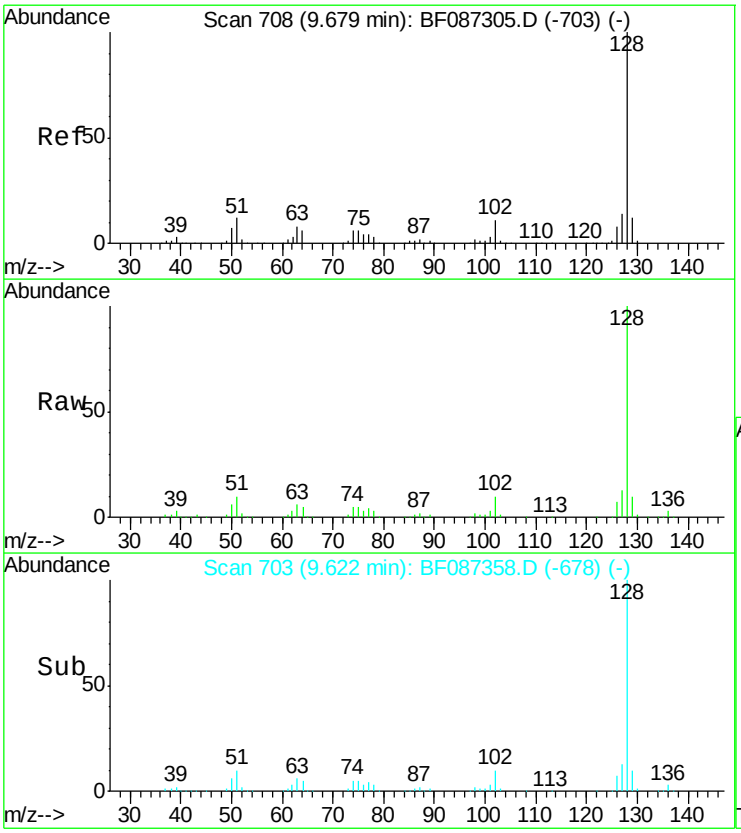
#23
Nitrobenzene-d5
Concen: 93.87 ng
RT: 8.47 min Scan# 602
Delta R.T. -0.02 min
Lab File: BF087358.D
Acq: 25 May 2016 2:30

Instrument :
BNA_F
ClientSampleId :
TA-1330+60(0-4)

Tgt Ion: 82 Resp: 878569

Ion	Ratio	Lower	Upper
82	100		
128	39.4	40.6	61.0#
54	69.2	38.1	57.1#

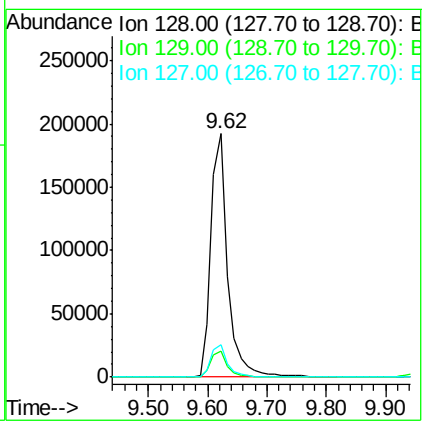


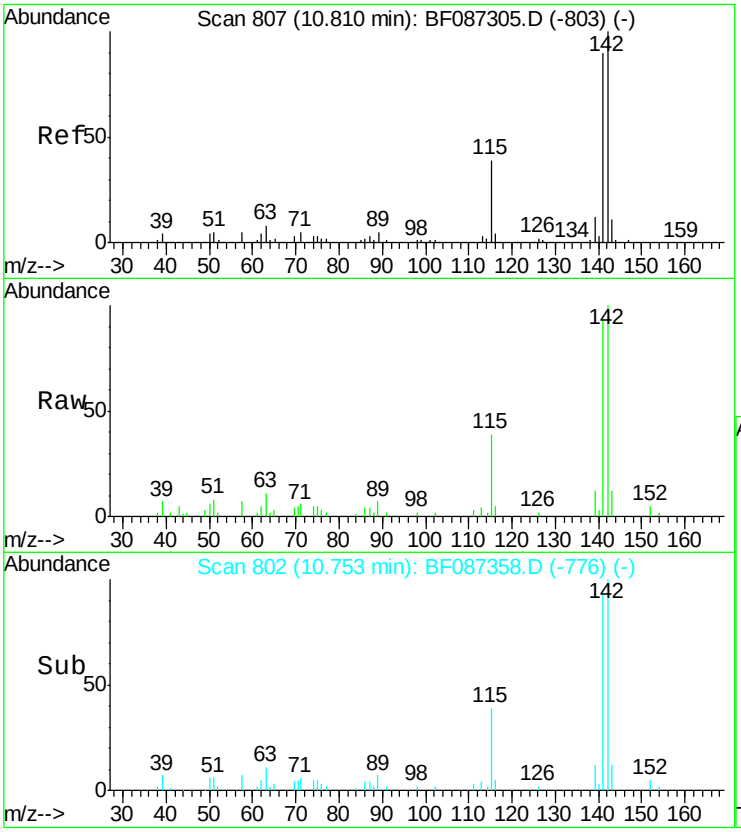


#31
Naphthalene
Concen: 15.96 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF087358.D
Acq: 25 May 2016 2:30

Tgt Ion:128 Resp: 377257

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	13.0
127	13.1	10.8	16.2



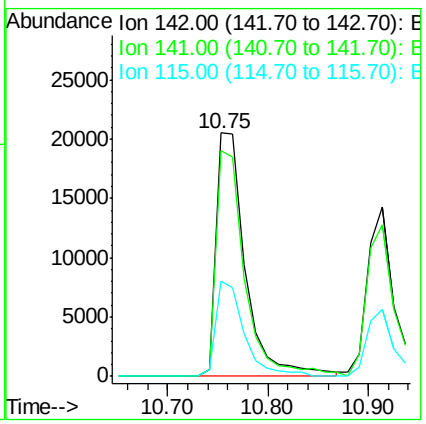


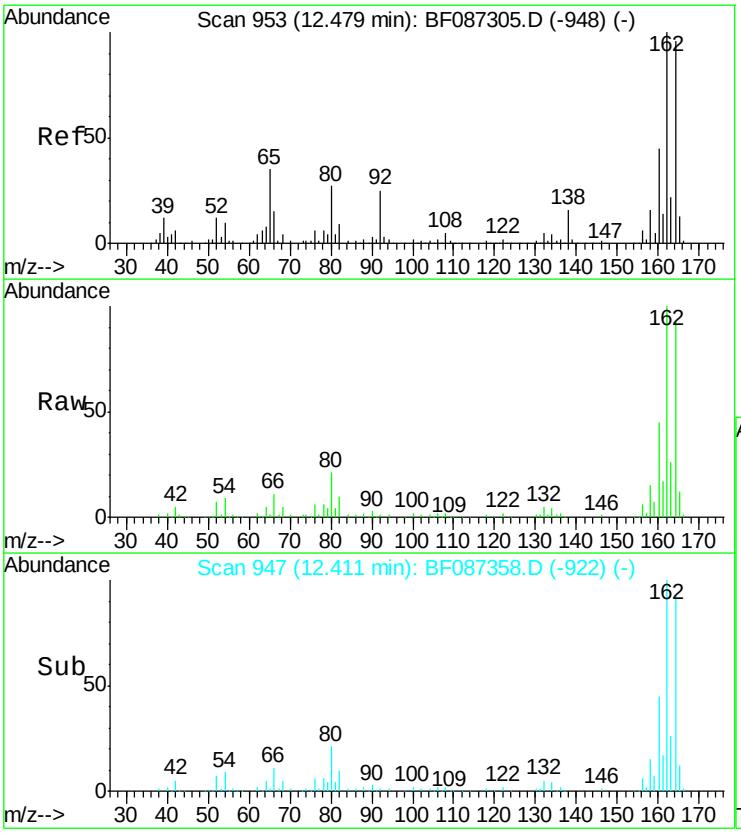
#37
2-Methylnaphthalene
Concen: 2.79 ng
RT: 10.75 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF087358.D
Acq: 25 May 2016 2:30

Instrument :
BNA_F
ClientSampleId :
TA-1330+60(0-4)

Tgt Ion:142 Resp: 41244

Ion	Ratio	Lower	Upper
142	100		
141	92.7	71.0	106.6
115	39.3	26.6	39.8

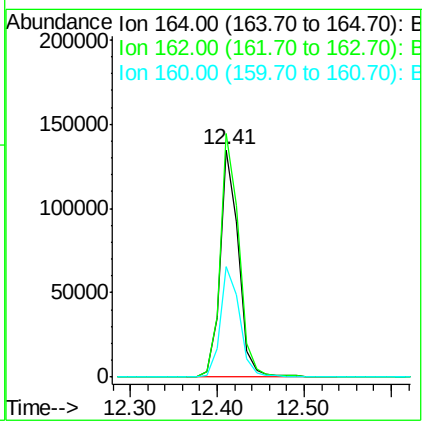


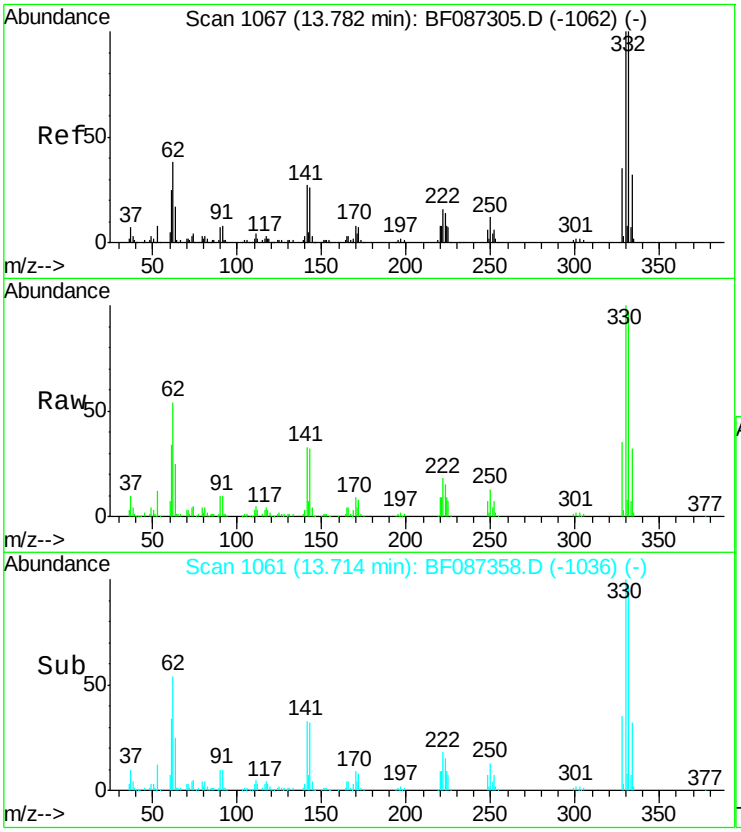


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.41 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF087358.D
Acq: 25 May 2016 2:30

Tgt Ion:164 Resp: 198946

Ion	Ratio	Lower	Upper
164	100		
162	107.1	82.8	124.2
160	48.5	36.9	55.3



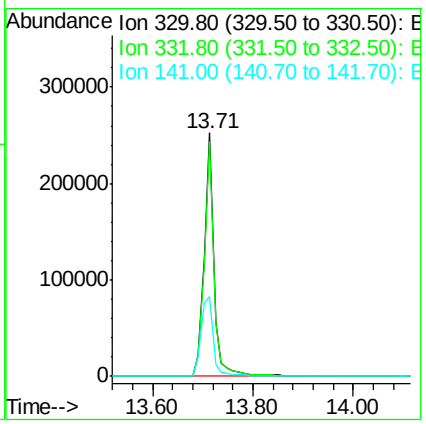


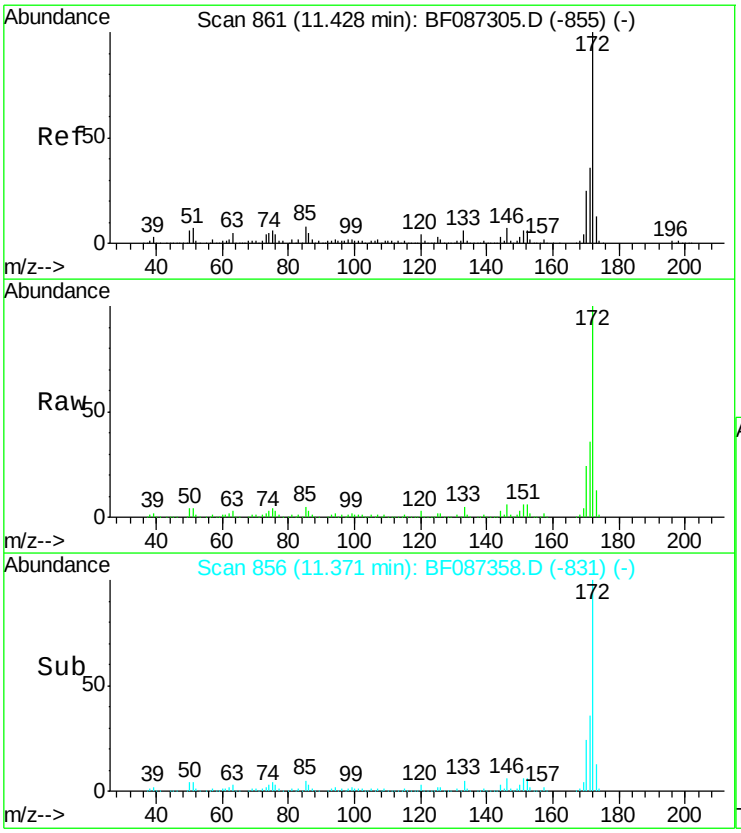
#41
2,4,6-Tribromophenol
Concen: 180.66 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF087358.D
Acq: 25 May 2016 2:30

Instrument :
BNA_F
ClientSampleId :
TA-1330+60(0-4)

Tgt Ion:330 Resp: 345391

Ion	Ratio	Lower	Upper
330	100		
332	96.3	79.0	118.4
141	42.2	31.2	46.8

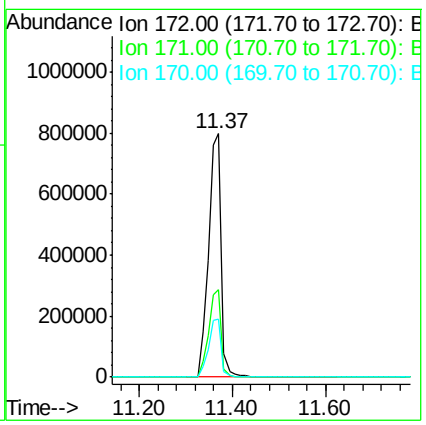


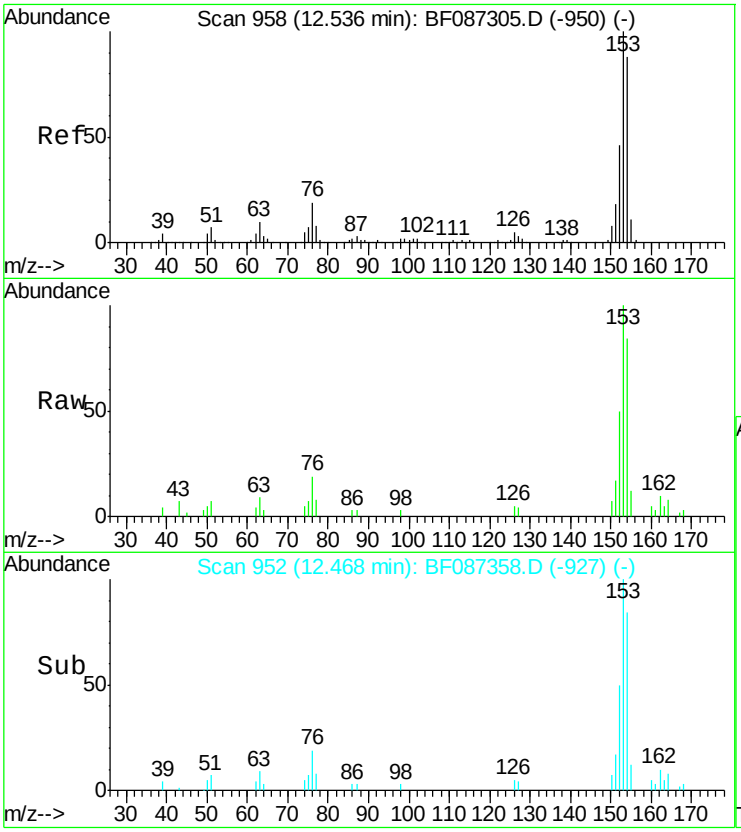


#44
2-Fluorobiphenyl
Concen: 108.20 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF087358.D
Acq: 25 May 2016 2:30

Tgt Ion:172 Resp: 1526872

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	24.1	19.8	29.8



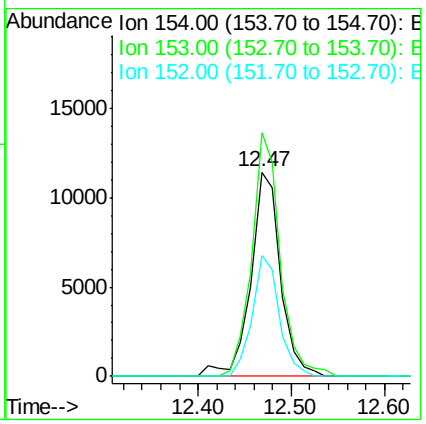


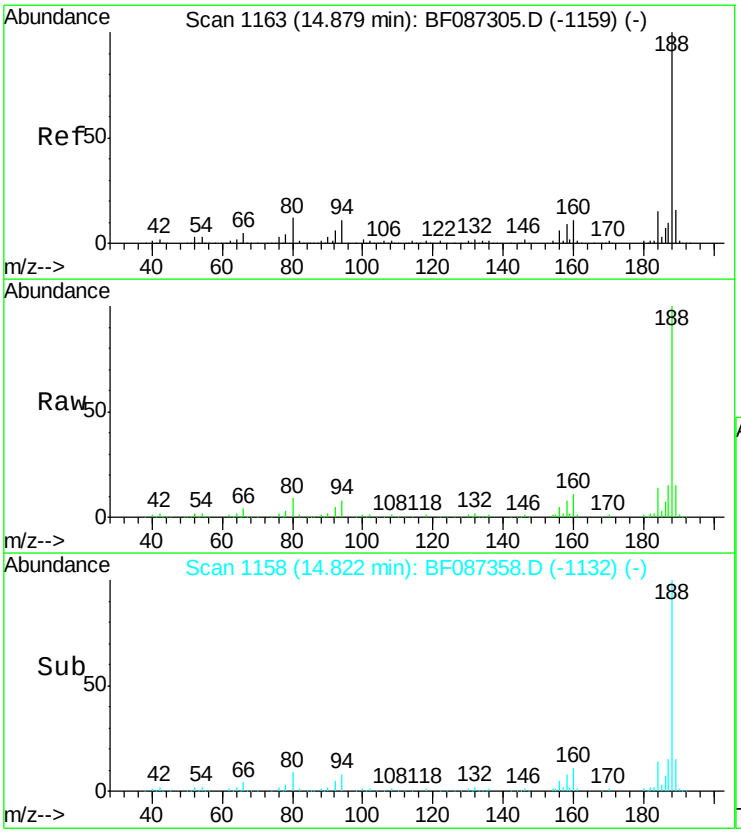
#51
Acenaphthene
Concen: 2.03 ng
RT: 12.47 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF087358.D
Acq: 25 May 2016 2:30

Instrument :
BNA_F
ClientSampleId :
TA-1330+60(0-4)

Tgt Ion:154 Resp: 25314

Ion	Ratio	Lower	Upper
154	100		
153	119.3	89.8	134.6
152	59.1	43.4	65.0

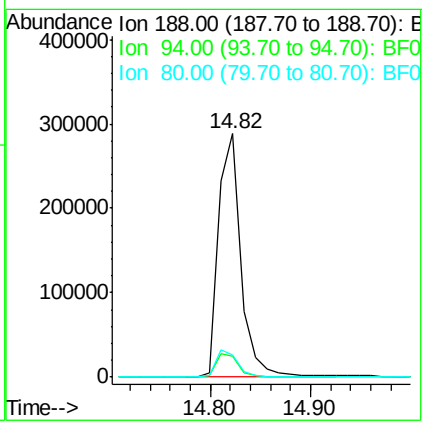


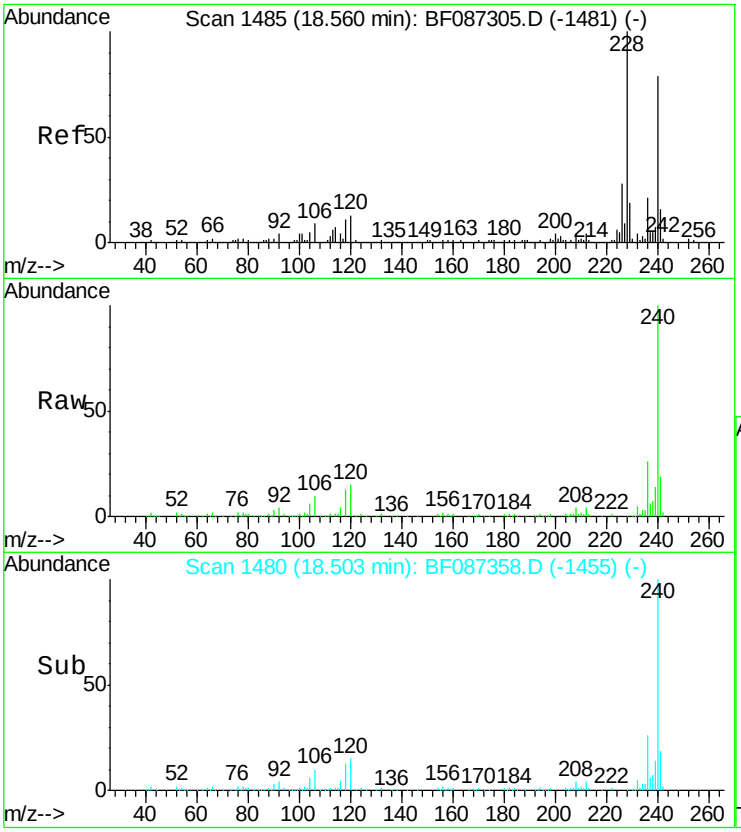


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF087358.D
Acq: 25 May 2016 2:30

Tgt Ion:188 Resp: 449049

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.8	10.2
80	9.0	7.1	10.7



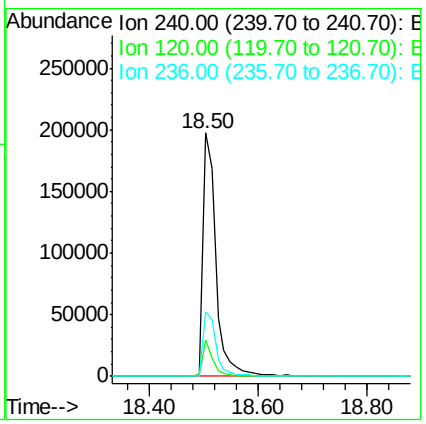


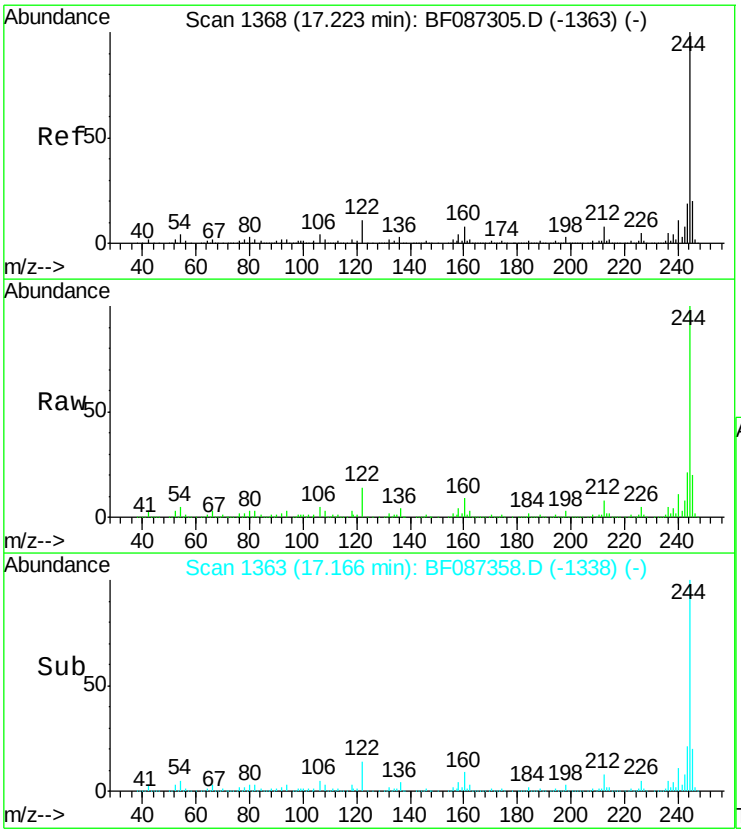
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.50 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF087358.D
Acq: 25 May 2016 2:30

Instrument :
BNA_F
ClientSampleId :
TA-1330+60(0-4)

Tgt Ion:240 Resp: 325357

Ion	Ratio	Lower	Upper
240	100		
120	14.7	11.2	16.8
236	26.3	21.2	31.8

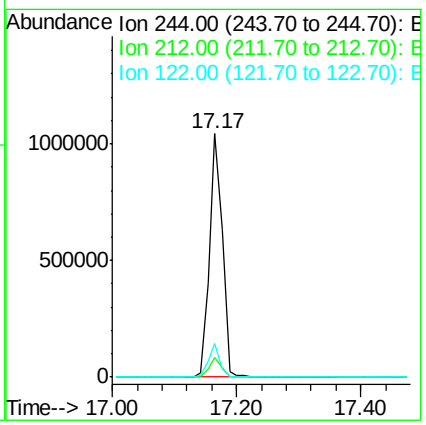


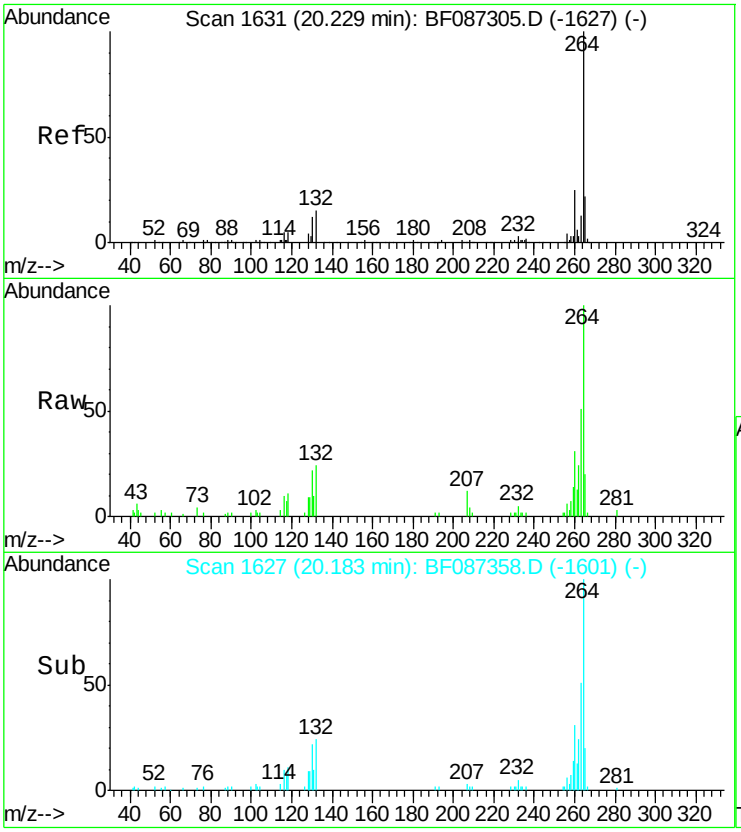


#78
Terphenyl-d14
Concen: 96.31 ng
RT: 17.17 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF087358.D
Acq: 25 May 2016 2:30

Tgt Ion:244 Resp: 1473929

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	13.6	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.18 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BF087358.D
Acq: 25 May 2016 2:30

Instrument :
BNA_F
ClientSampleId :
TA-1330+60(0-4)

Tgt Ion:264 Resp: 40051

Ion	Ratio	Lower	Upper
264	100		
260	31.2	19.5	29.3#
265	20.1	17.3	25.9