Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085955.D
Acq On : 1 Apr 2016 4:31
Operator : UM/SJ
Sample : H2046-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AMBOY-SB-32(0.5-15.0COMP)

Quant Time: Apr 01 04:58:27 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 12:31:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	107442	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	420748	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	186543	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	314139	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	200389	20.00	ng	-0.02
86) Perylene-d12	15.36	264	194701	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	920027	142.61	ng	-0.01
7) Phenol-d6	6.44	99	1184655	144.43	ng	-0.01
23) Nitrobenzene-d5	7.36	82	789761	105.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	254667	143.69	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1181450	105.82	ng	-0.01
78) Terphenyl-d14	12.89	244	767806	78.80	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.54	163	159313	11.26	ng	98
70) Phenanthrene	11.34	178	42841	2.66	ng	98
74) Fluoranthene	12.53	202	40279	2.35	ng	89

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

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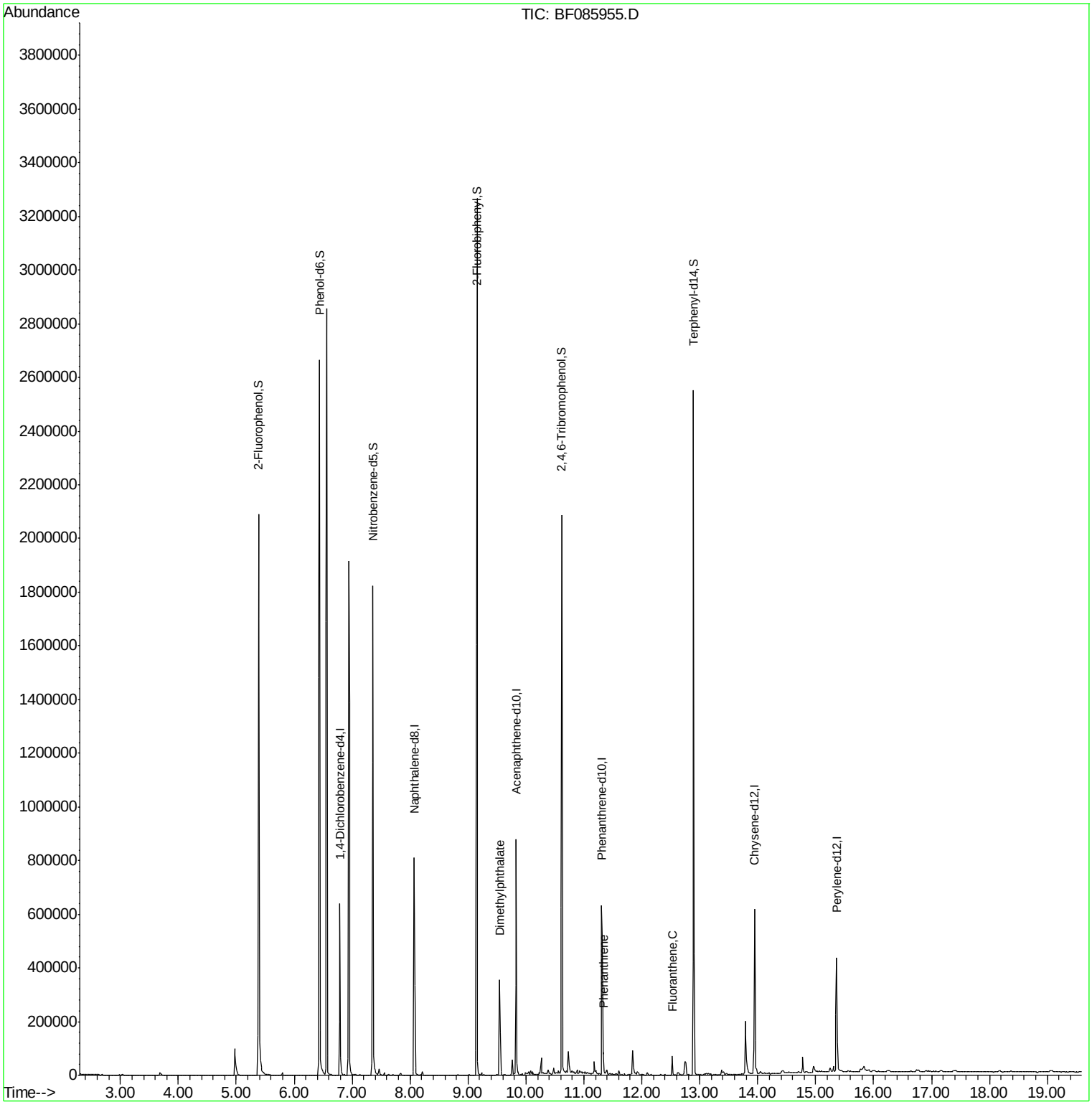
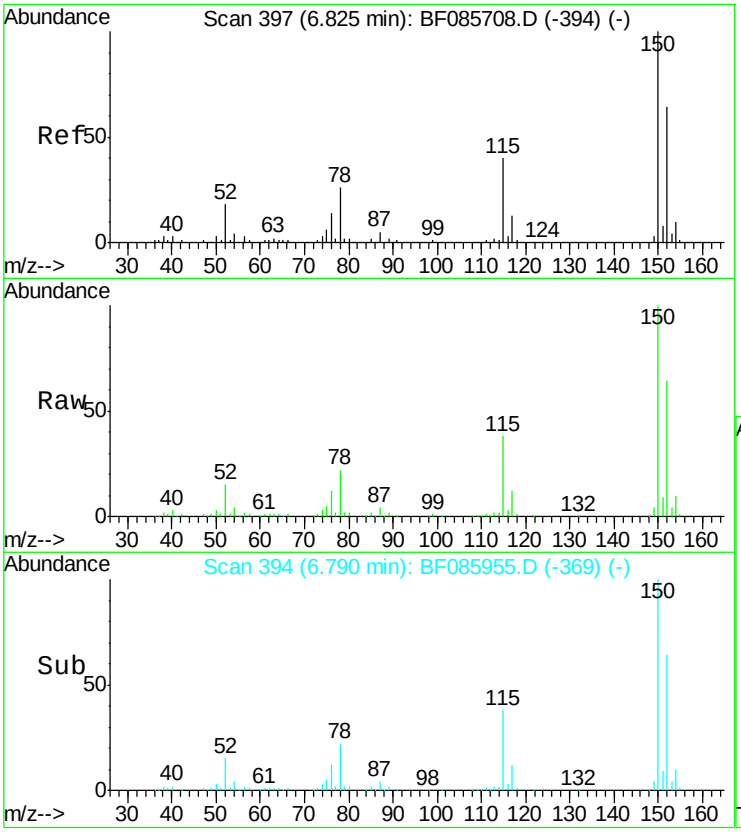


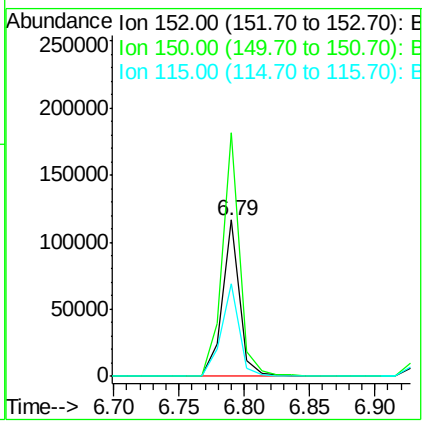


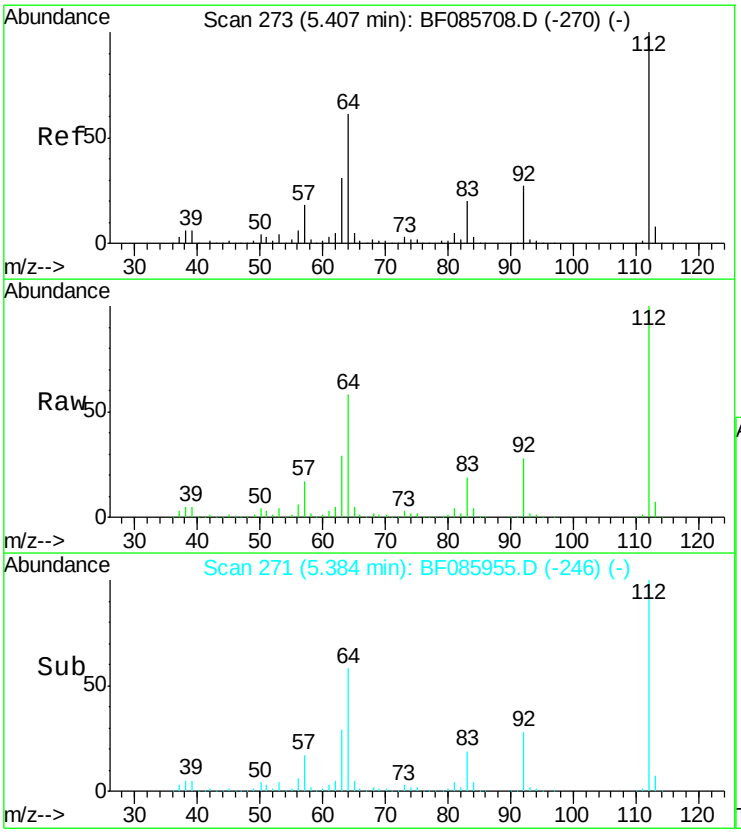
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 394
Delta R.T. -0.01 min
Lab File: BF085955.D
Acq: 1 Apr 2016 4:31

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-32(0.5-15.0COMP)

Tgt Ion:152 Resp: 107442

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.2	186.2
115	59.6	47.0	70.6

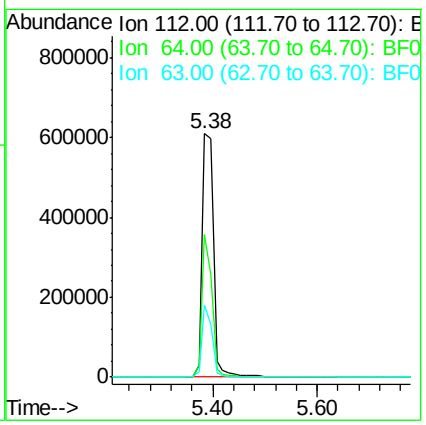


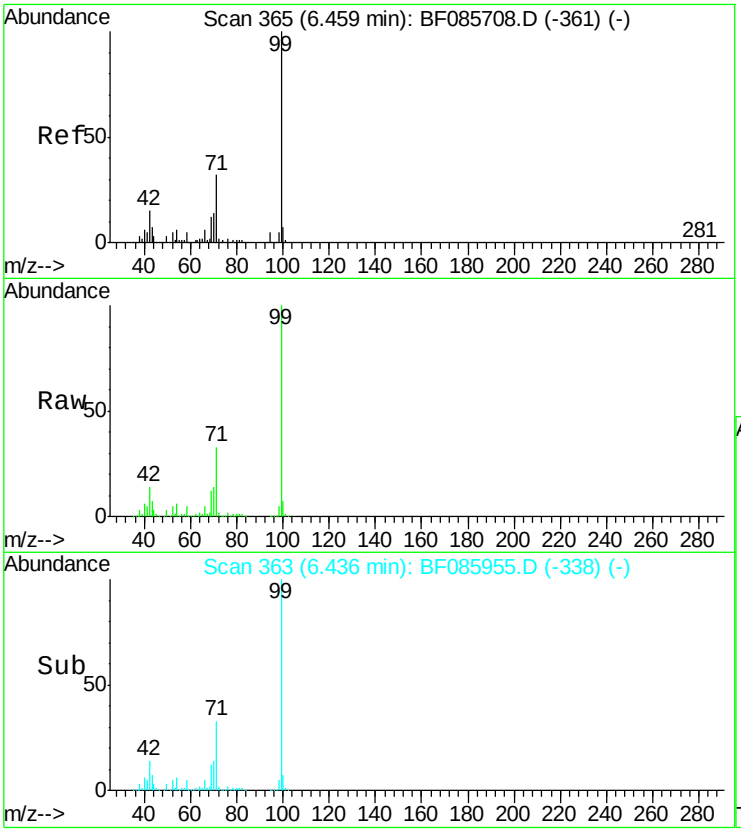


#5
2-Fluorophenol
Concen: 142.61 ng
RT: 5.38 min Scan# 271
Delta R.T. -0.01 min
Lab File: BF085955.D
Acq: 1 Apr 2016 4:31

Tgt Ion:112 Resp: 920027

Ion	Ratio	Lower	Upper
112	100		
64	58.3	39.9	59.9
63	29.5	20.2	30.2



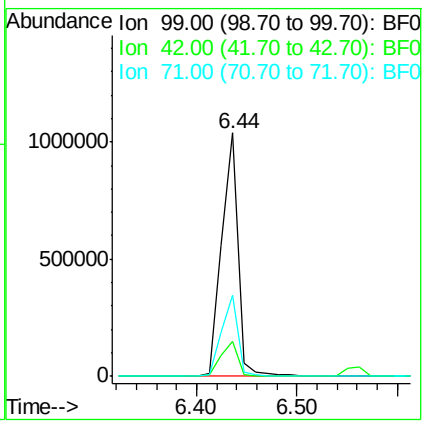


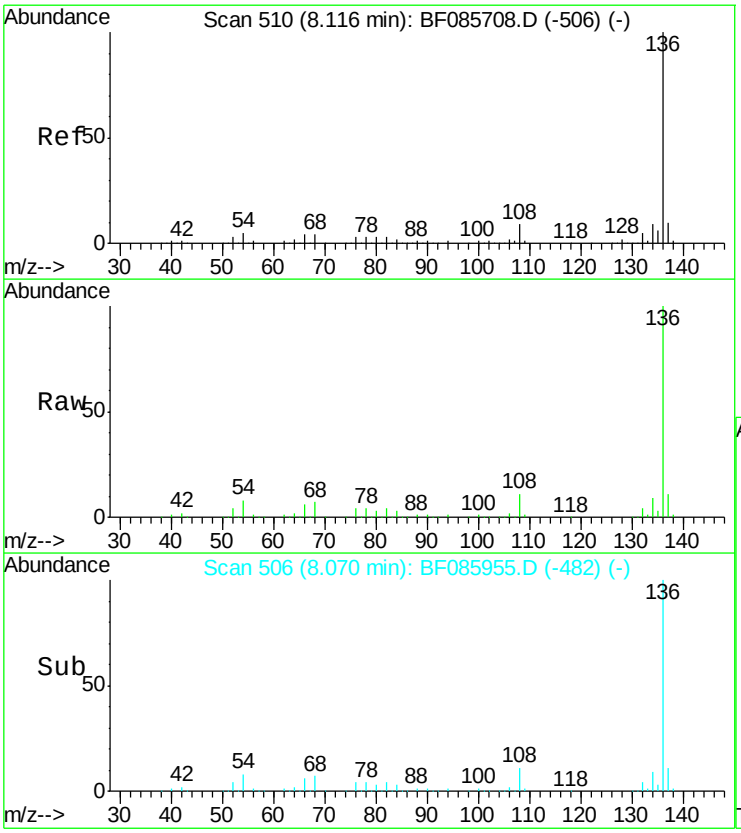
#7
Phenol-d6
Concen: 144.43 ng
RT: 6.44 min Scan# 363
Delta R.T. -0.01 min
Lab File: BF085955.D
Acq: 1 Apr 2016 4:31

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-32(0.5-15.0COMP)

Tgt Ion: 99 Resp: 1184655

Ion	Ratio	Lower	Upper
99	100		
42	14.4	11.1	16.7
71	33.2	24.9	37.3

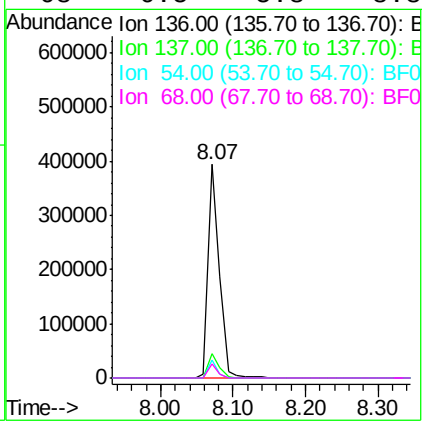


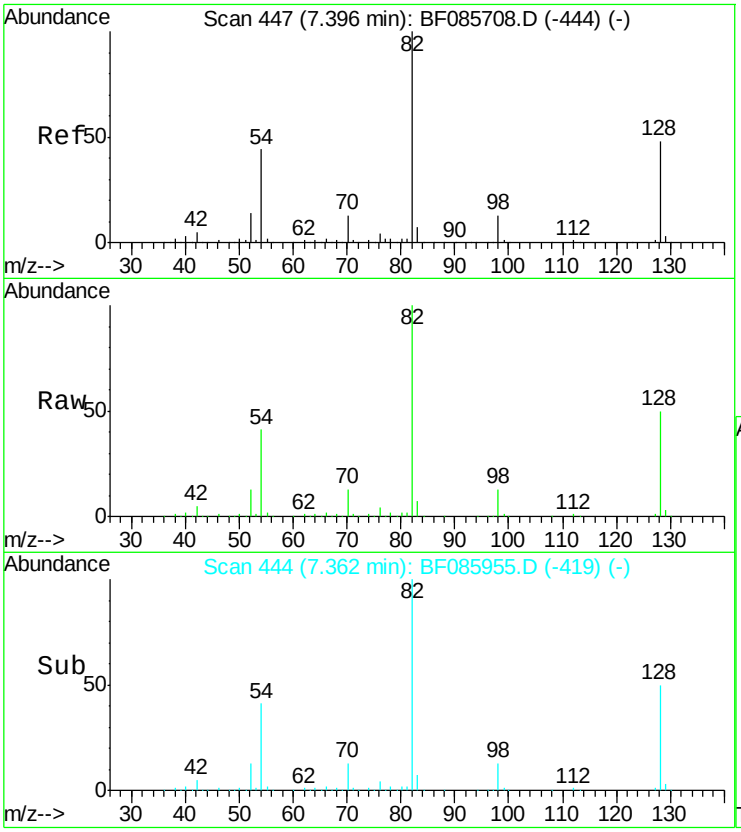


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF085955.D
Acq: 1 Apr 2016 4:31

Tgt Ion:136 Resp: 420748

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.2	7.4	11.0
68	6.5	5.8	8.8



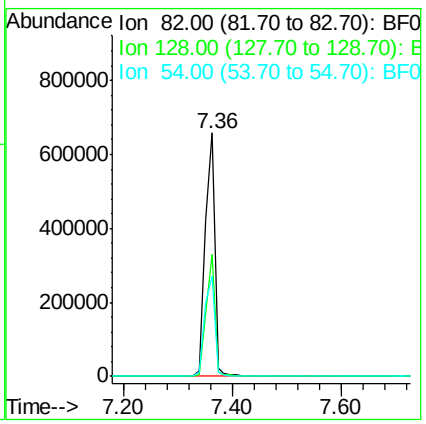


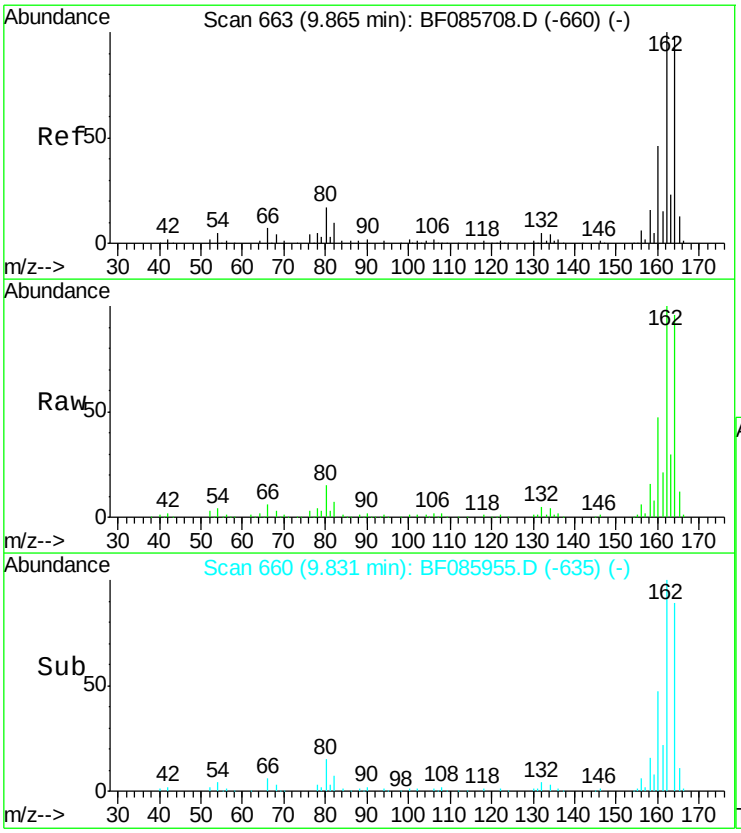
#23
Nitrobenzene-d5
Concen: 105.70 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF085955.D
Acq: 1 Apr 2016 4:31

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-32(0.5-15.0COMP)

Tgt Ion: 82 Resp: 789761

Ion	Ratio	Lower	Upper
82	100		
128	50.3	41.8	62.8
54	41.3	33.4	50.0

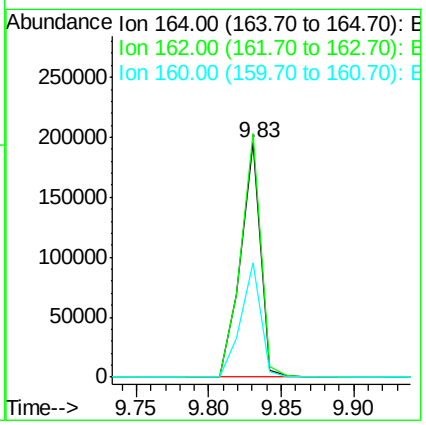


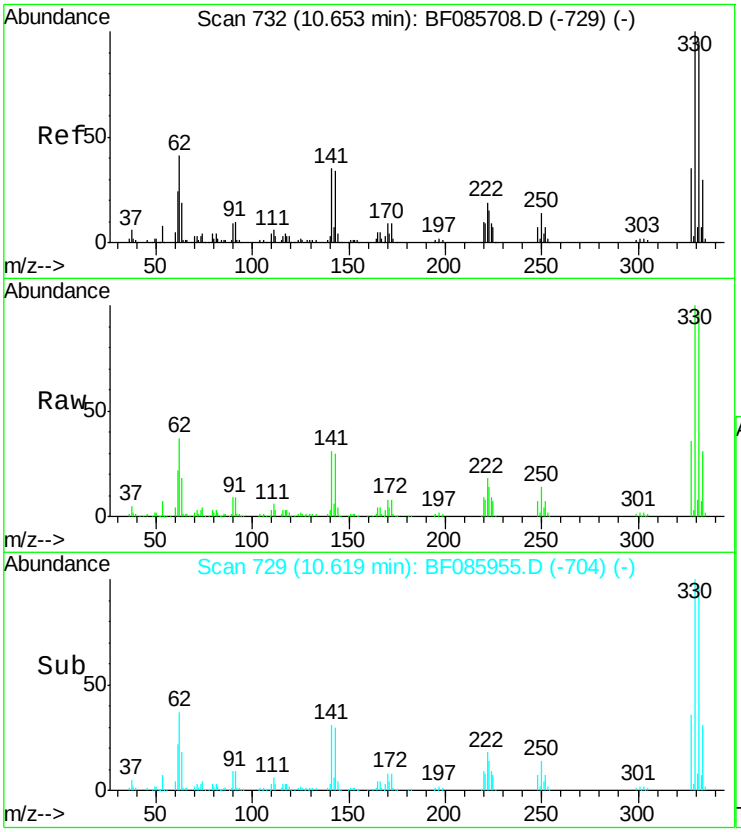


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF085955.D
Acq: 1 Apr 2016 4:31

Tgt Ion:164 Resp: 186543

Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.1	123.1
160	48.8	37.4	56.2



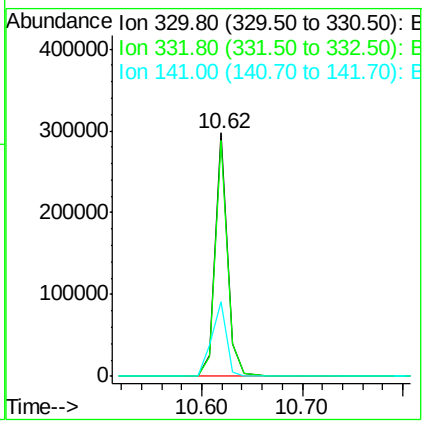


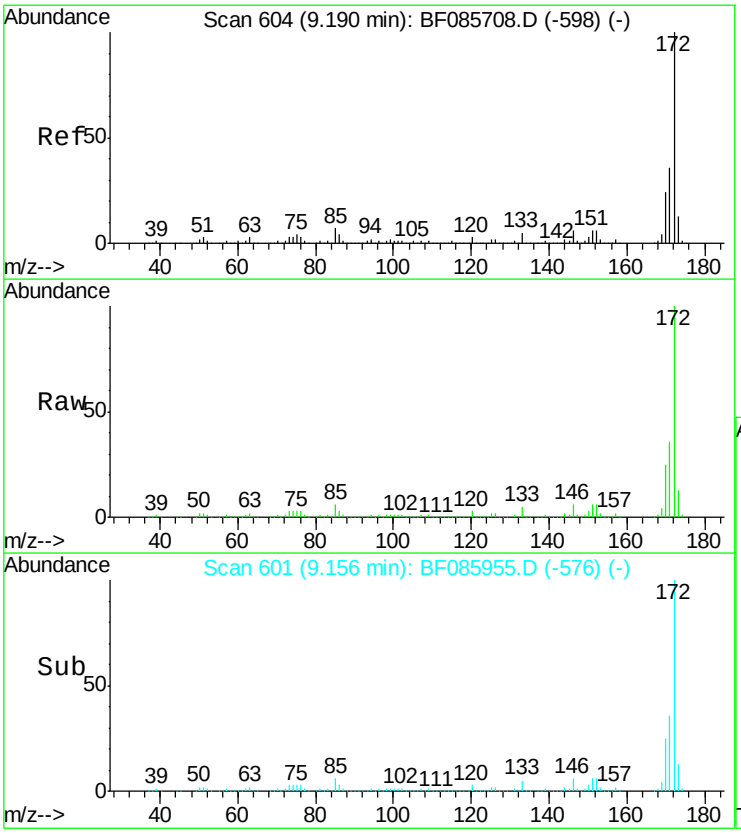
#41
2,4,6-Tribromophenol
Concen: 143.69 ng
RT: 10.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF085955.D
Acq: 1 Apr 2016 4:31

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-32(0.5-15.0COMP)

Tgt Ion:330 Resp: 254667

Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.2	117.2
141	36.9	31.5	47.3

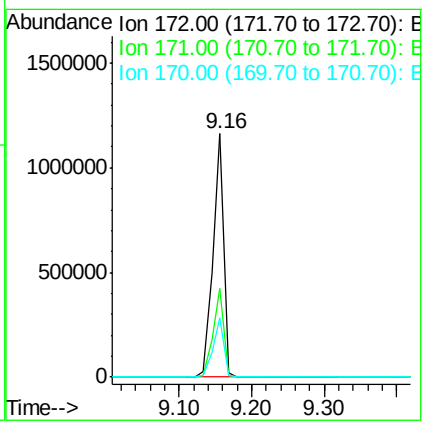


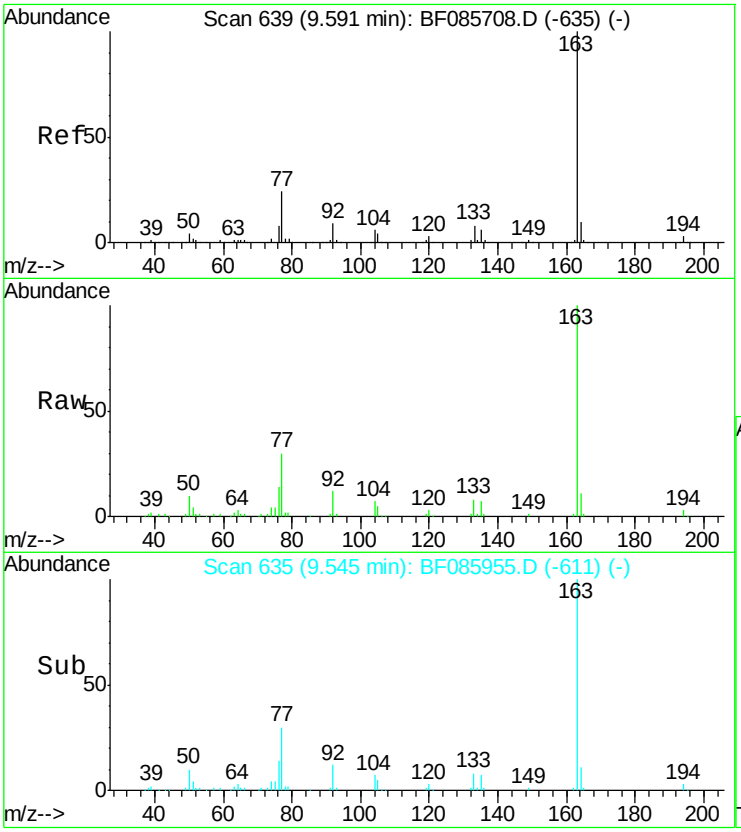


#44
2-Fluorobiphenyl
Concen: 105.82 ng
RT: 9.16 min Scan# 601
Delta R.T. -0.01 min
Lab File: BF085955.D
Acq: 1 Apr 2016 4:31

Tgt Ion:172 Resp: 1181450

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.2
170	24.5	19.8	29.6



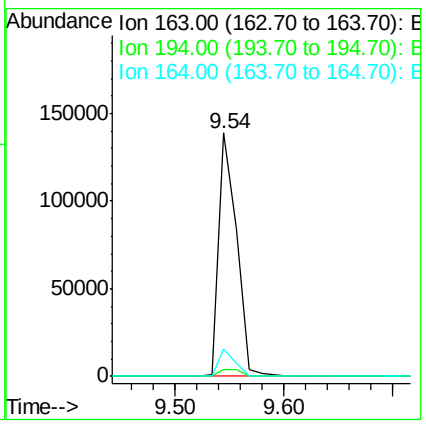


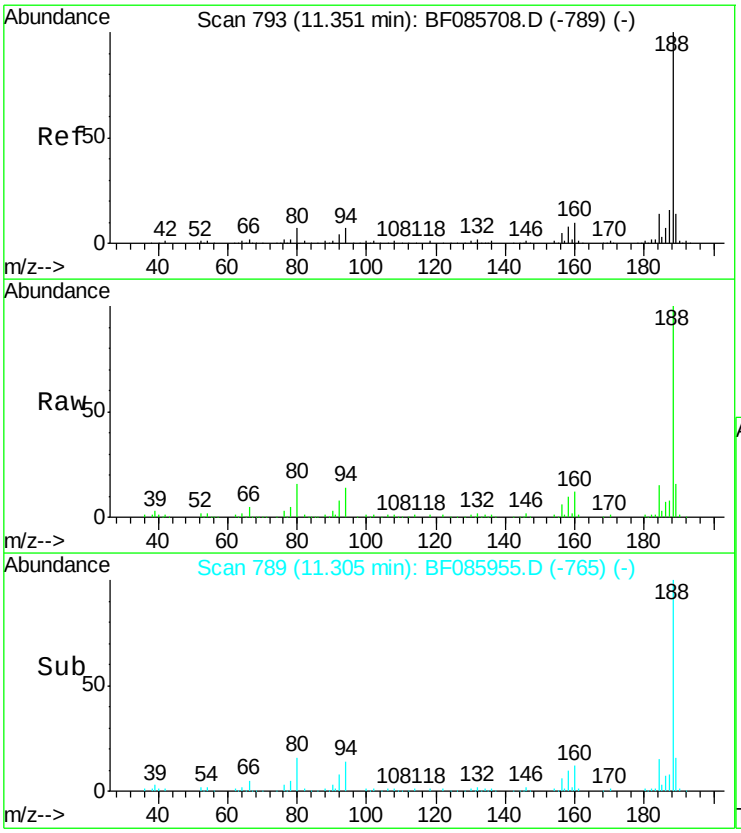
#49
Dimethylphthalate
Concen: 11.26 ng
RT: 9.54 min Scan# 635
Delta R.T. -0.02 min
Lab File: BF085955.D
Acq: 1 Apr 2016 4:31

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-32(0.5-15.0COMP)

Tgt Ion:163 Resp: 159313

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.9	4.3
164	11.0	8.3	12.5

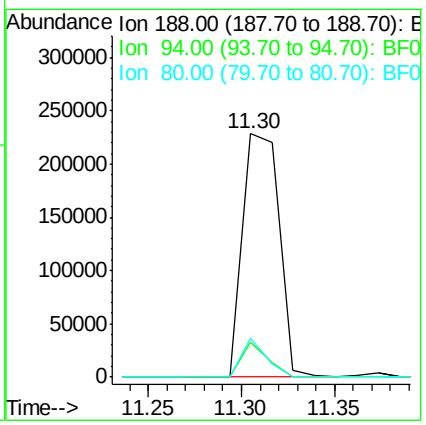


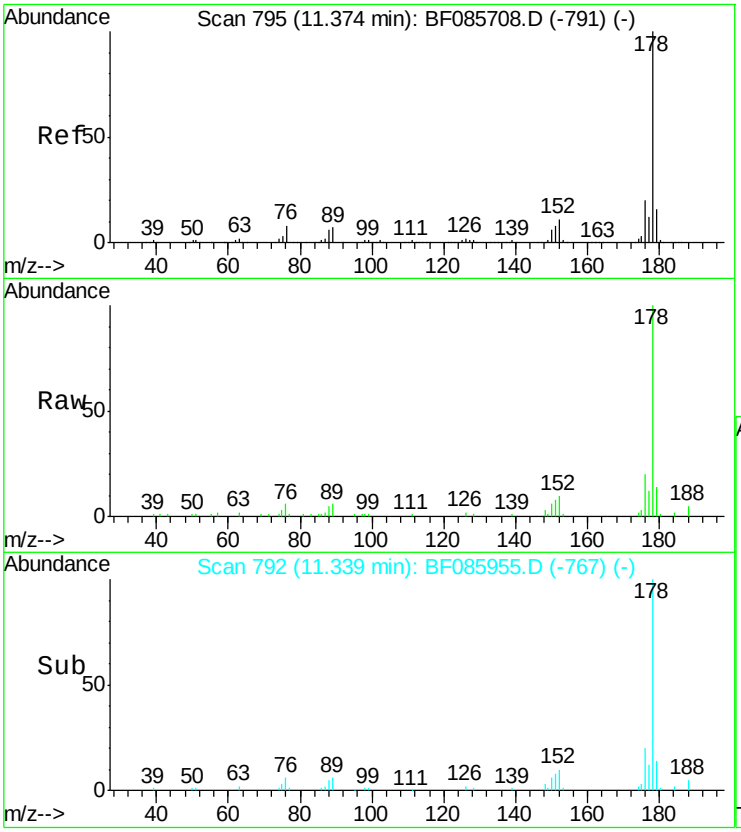


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF085955.D
Acq: 1 Apr 2016 4:31

Tgt Ion:188 Resp: 314139

Ion	Ratio	Lower	Upper
188	100		
94	14.2	5.4	8.0#
80	15.9	5.5	8.3#



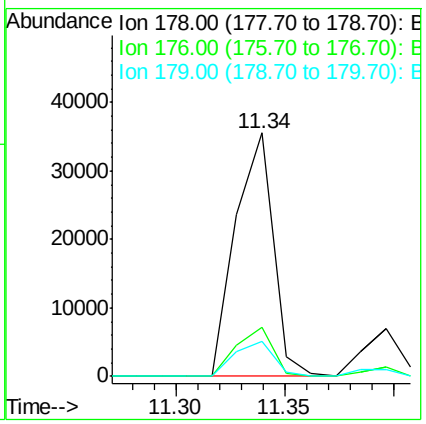


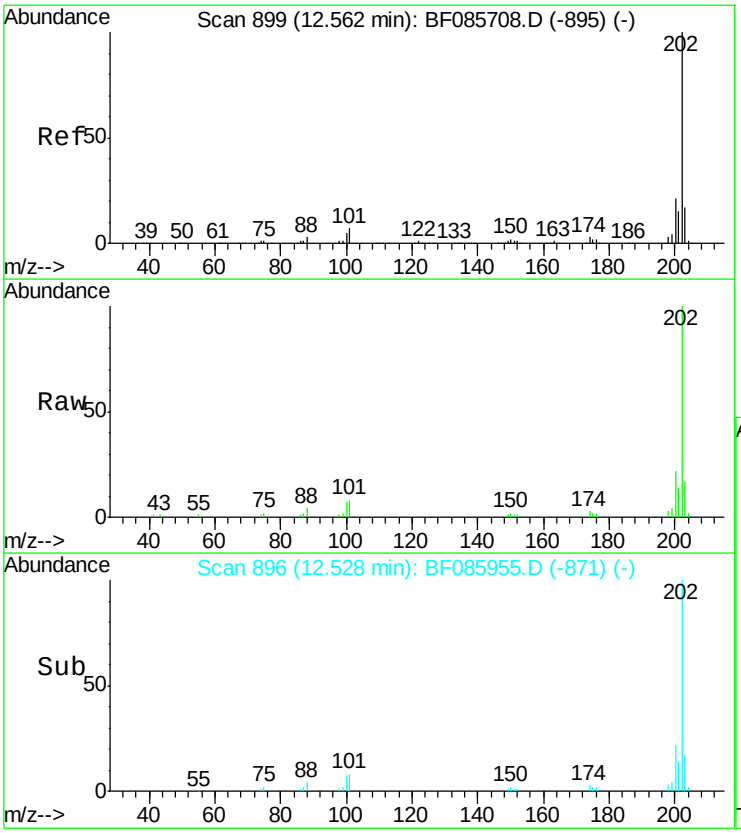
#70
Phenanthrene
Concen: 2.66 ng
RT: 11.34 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF085955.D
Acq: 1 Apr 2016 4:31

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-32(0.5-15.0COMP)

Tgt Ion:178 Resp: 42841

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.3	24.5
179	14.5	12.6	18.8

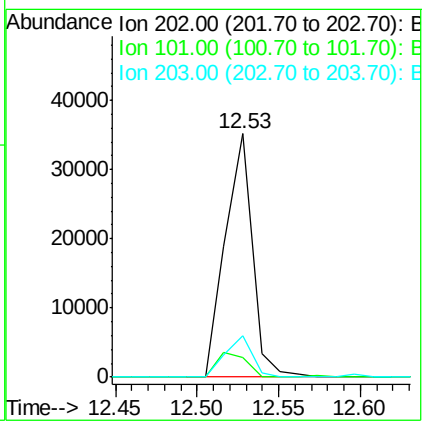


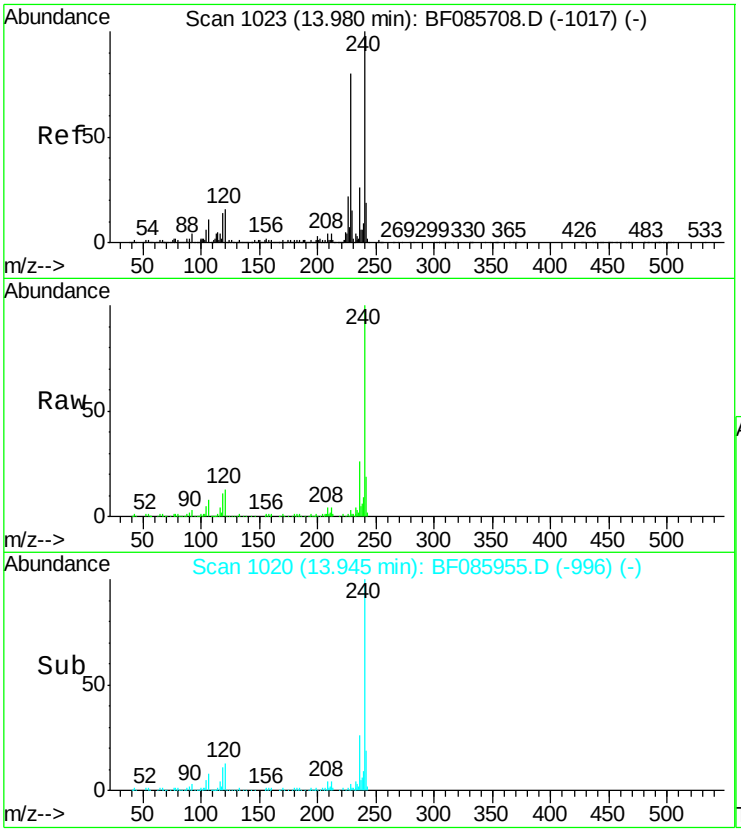


#74
Fluoranthene
Concen: 2.35 ng
RT: 12.53 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF085955.D
Acq: 1 Apr 2016 4:31

Tgt Ion:202 Resp: 40279

Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	36.6
203	16.9	0.0	38.1



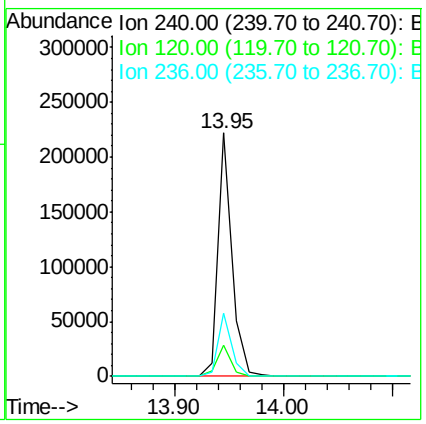


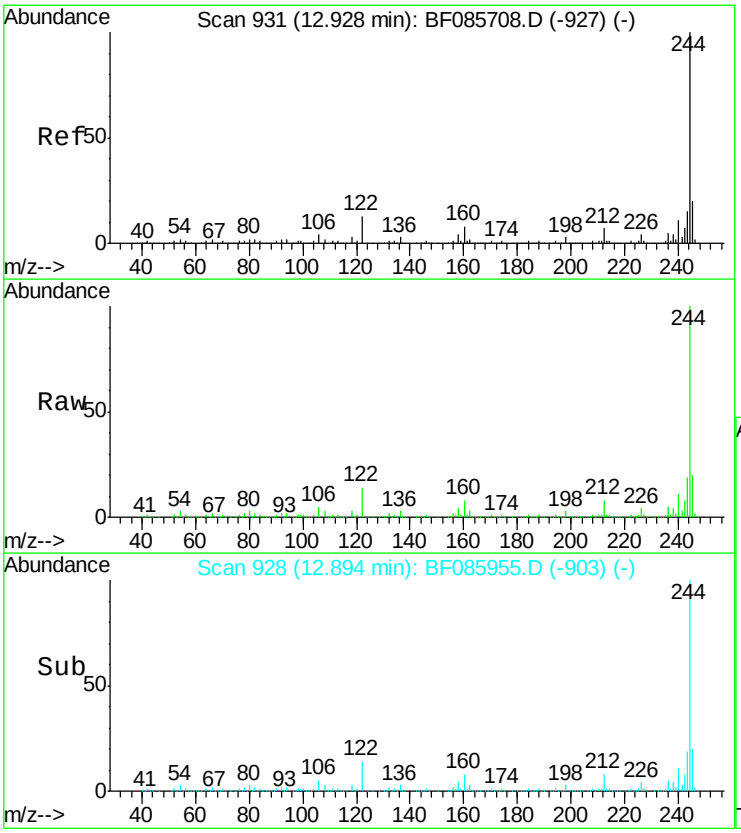
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF085955.D
Acq: 1 Apr 2016 4:31

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-32(0.5-15.0COMP)

Tgt Ion:240 Resp: 200389

Ion	Ratio	Lower	Upper
240	100		
120	13.0	13.8	20.8#
236	26.0	20.6	30.8

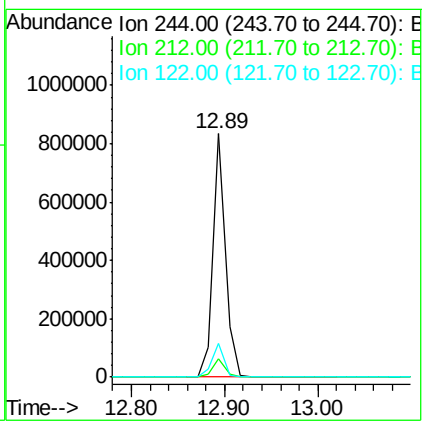


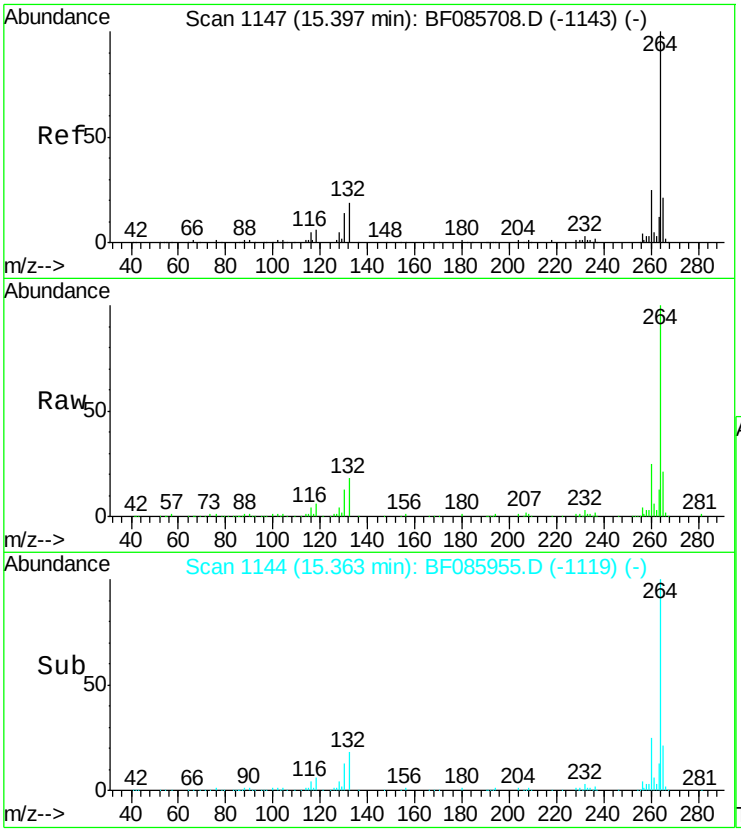


#78
Terphenyl-d14
Concen: 78.80 ng
RT: 12.89 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF085955.D
Acq: 1 Apr 2016 4:31

Tgt Ion:244 Resp: 767806

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	14.1	10.2	15.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF085955.D
Acq: 1 Apr 2016 4:31

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-32(0.5-15.0COMP)

Tgt Ion:264 Resp: 194701

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	20.5	17.2	25.8