Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085935.D
Acq On : 31 Mar 2016 18:52
Operator : UM/SJ
Sample : H1976-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-6

Quant Time: Mar 31 21:47:16 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	103666	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	411598	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	181077	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	301774	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	193794	20.00	ng	-0.02
86) Perylene-d12	15.36	264	191143	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	390135	62.68	ng	-0.01
7) Phenol-d6	6.42	99	306631	38.74	ng	-0.02
23) Nitrobenzene-d5	7.36	82	680091	93.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	234070	136.05	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1155961	106.66	ng	-0.01
78) Terphenyl-d14	12.89	244	742350	78.78	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.55	77	14442	3.03	ng	# 78
19) n-Nitroso-di-n-propylamine	7.35	70	88209	18.61	ng	# 80
25) Isophorone	7.36	82	664714	47.21	ng	# 68
49) Dimethylphthalate	9.54	163	30811	2.24	ng	# 99
50) 2,6-Dinitrotoluene	9.83	165	22754	7.69	ng	# 19
56) 2,4-Dinitrotoluene	9.83	165	22754	6.05	ng	# 37
66) 4-Bromophenyl-phenylether	10.62	248	16565	5.37	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085935.D
Acq On : 31 Mar 2016 18:52
Operator : UM/SJ
Sample : H1976-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-6

Quant Time: Mar 31 21:47:16 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
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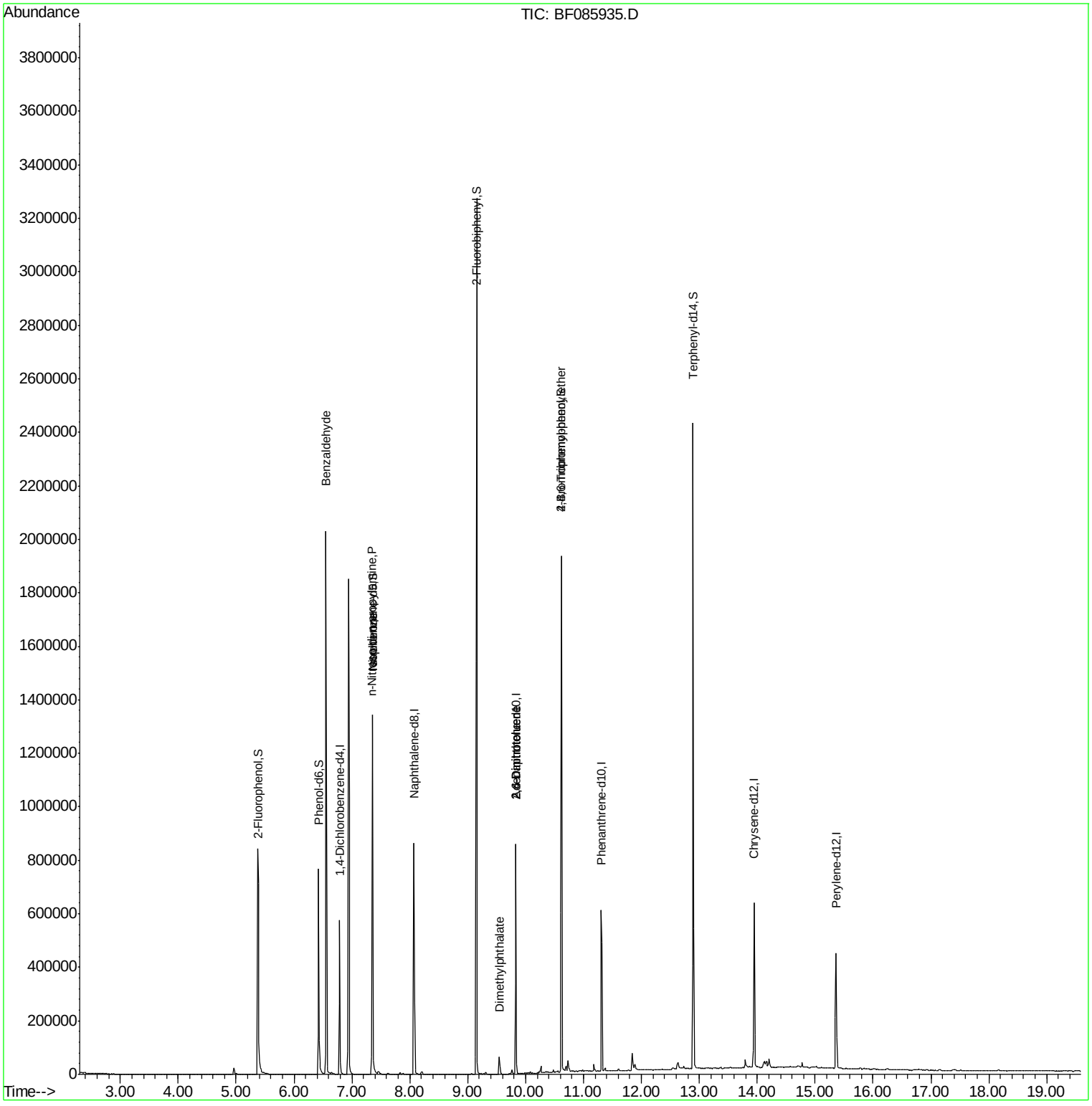
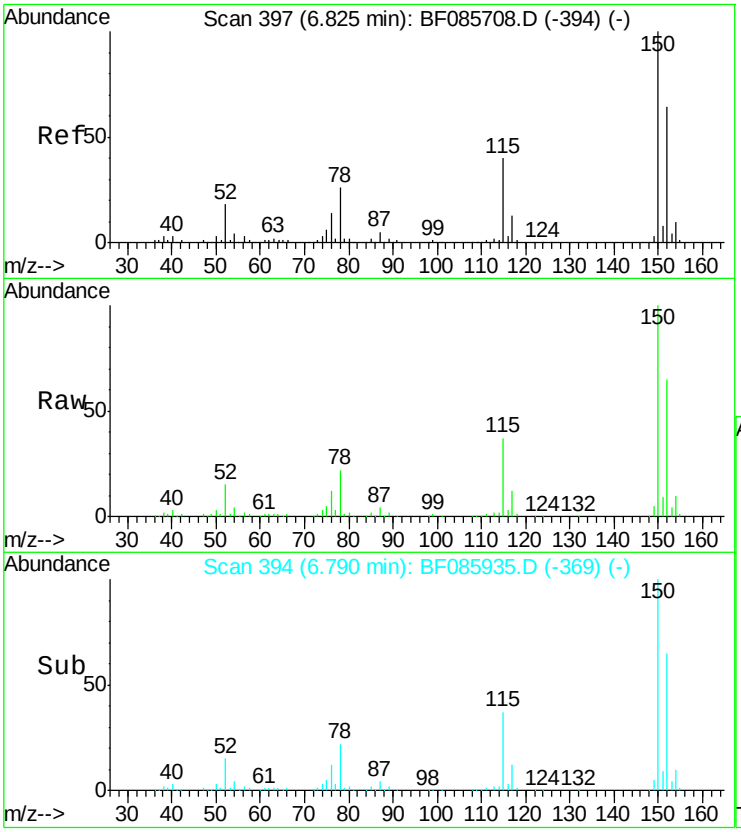


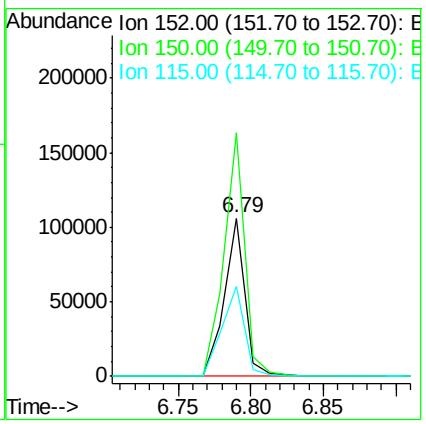


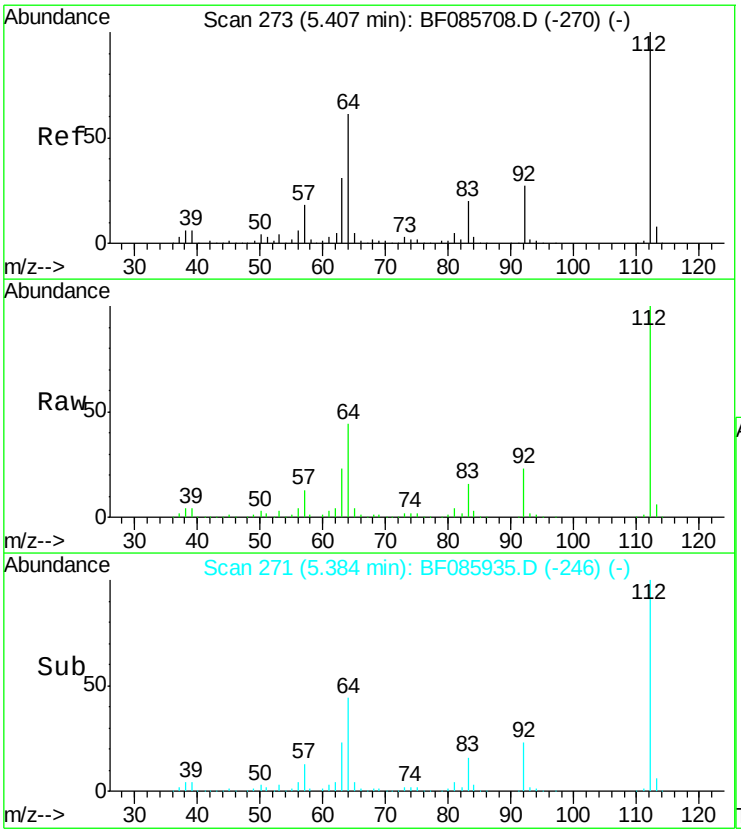
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 394
Delta R.T. -0.01 min
Lab File: BF085935.D
Acq: 31 Mar 2016 18:52

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:152 Resp: 103666

Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.2	186.2
115	57.1	47.0	70.6

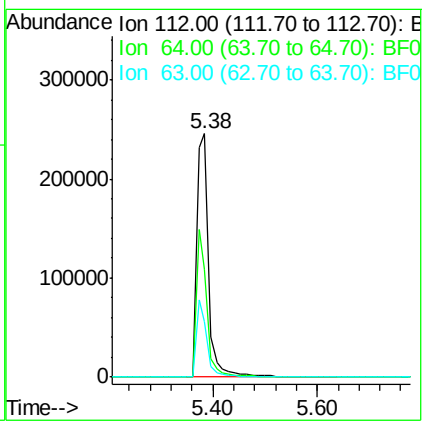


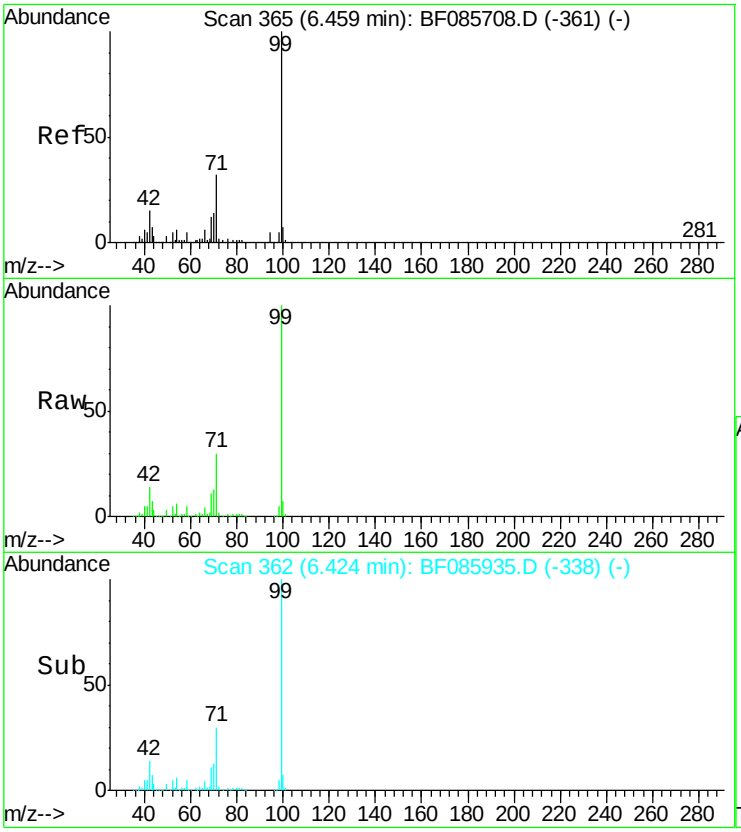


#5
2-Fluorophenol
Concen: 62.68 ng
RT: 5.38 min Scan# 271
Delta R.T. -0.01 min
Lab File: BF085935.D
Acq: 31 Mar 2016 18:52

Tgt Ion:112 Resp: 390135

Ion	Ratio	Lower	Upper
112	100		
64	44.4	39.9	59.9
63	22.8	20.2	30.2



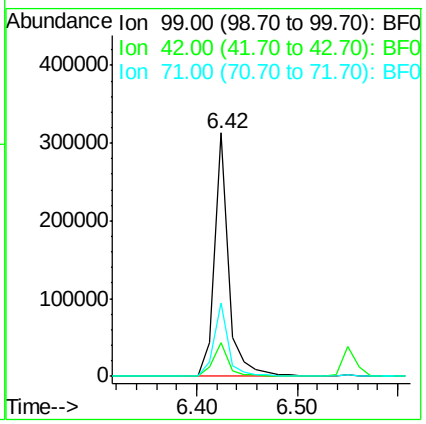


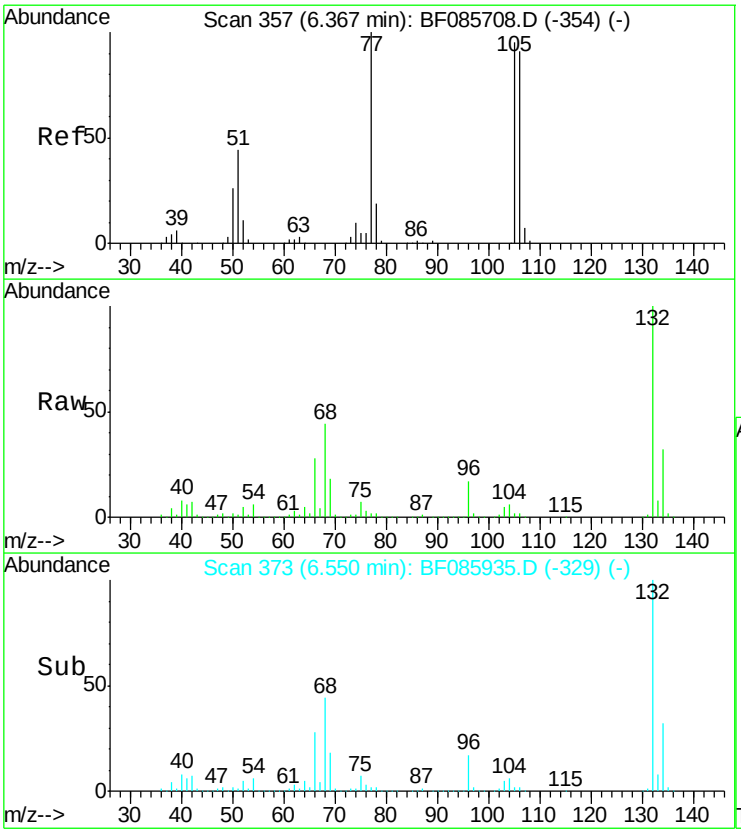
#7
Phenol-d6
Concen: 38.74 ng
RT: 6.42 min Scan# 362
Delta R.T. -0.02 min
Lab File: BF085935.D
Acq: 31 Mar 2016 18:52

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion: 99 Resp: 306631

Ion	Ratio	Lower	Upper
99	100		
42	13.6	11.1	16.7
71	30.0	24.9	37.3

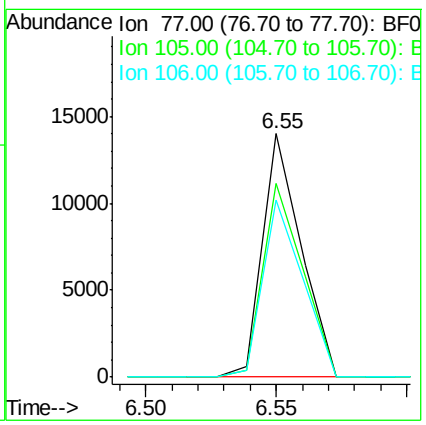


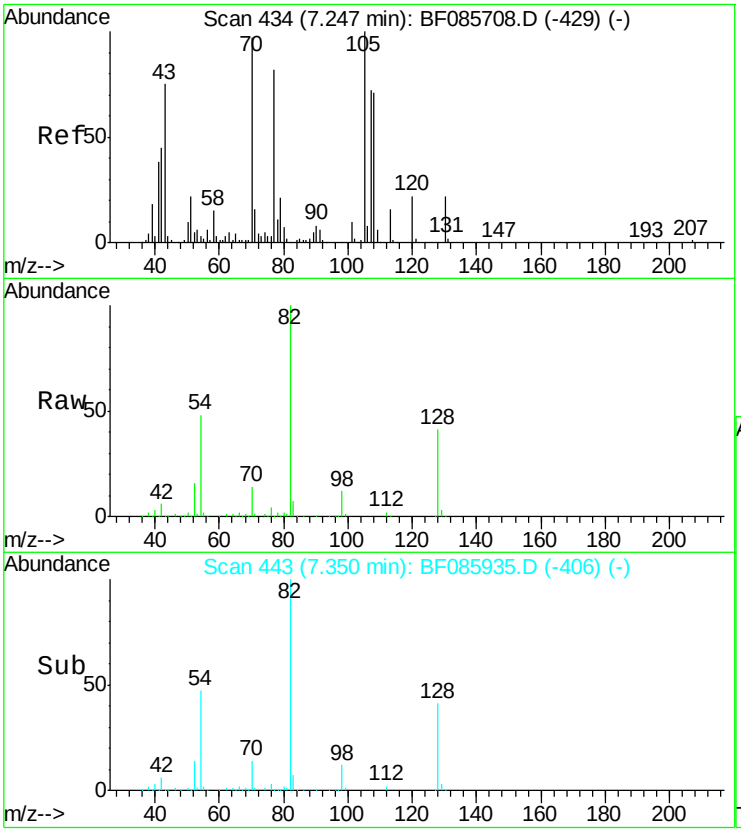


#9
Benzaldehyde
Concen: 3.03 ng
RT: 6.55 min Scan# 373
Delta R.T. 0.21 min
Lab File: BF085935.D
Acq: 31 Mar 2016 18:52

Tgt Ion: 77 Resp: 14442

Ion	Ratio	Lower	Upper
77	100		
105	79.5	80.1	120.1#
106	72.7	75.0	115.0#



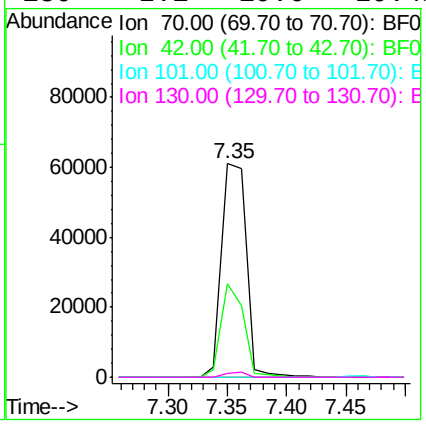


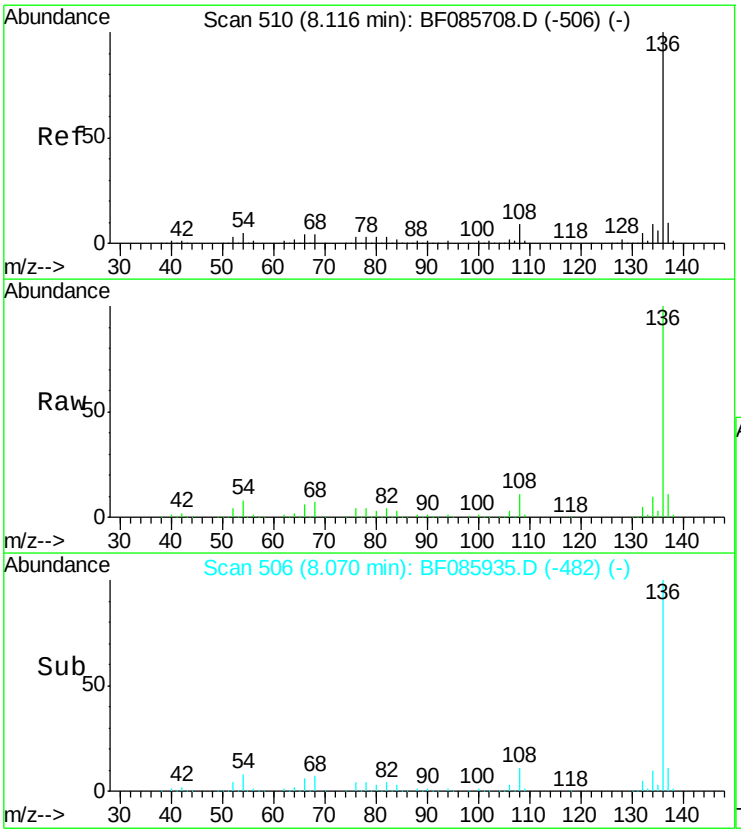
#19
n-Nitroso-di-n-propylamine
Concen: 18.61 ng
RT: 7.35 min Scan# 443
Delta R.T. 0.13 min
Lab File: BF085935.D
Acq: 31 Mar 2016 18:52

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion: 70 Resp: 88209

Ion	Ratio	Lower	Upper
70	100		
42	43.7	37.1	55.7
101	0.0	8.6	12.8#
130	2.1	19.6	29.4#

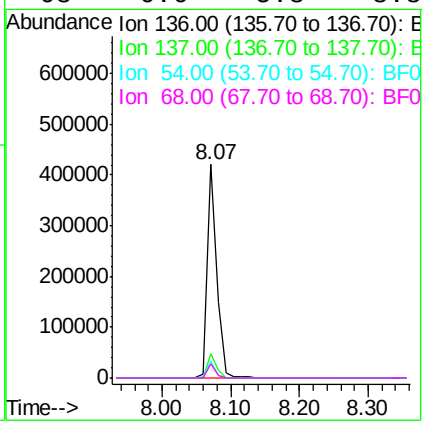


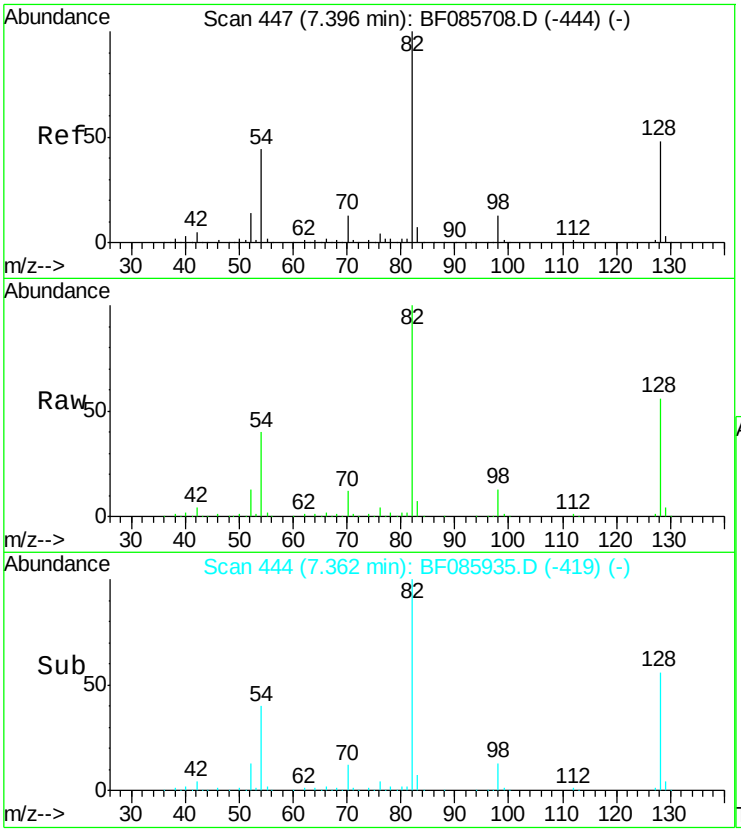


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF085935.D
Acq: 31 Mar 2016 18:52

Tgt Ion:136 Resp: 411598

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	7.9	7.4	11.0
68	6.6	5.8	8.8



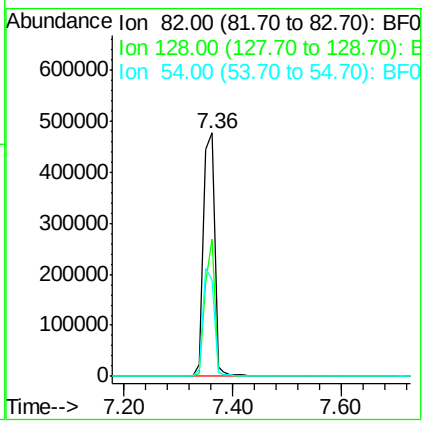


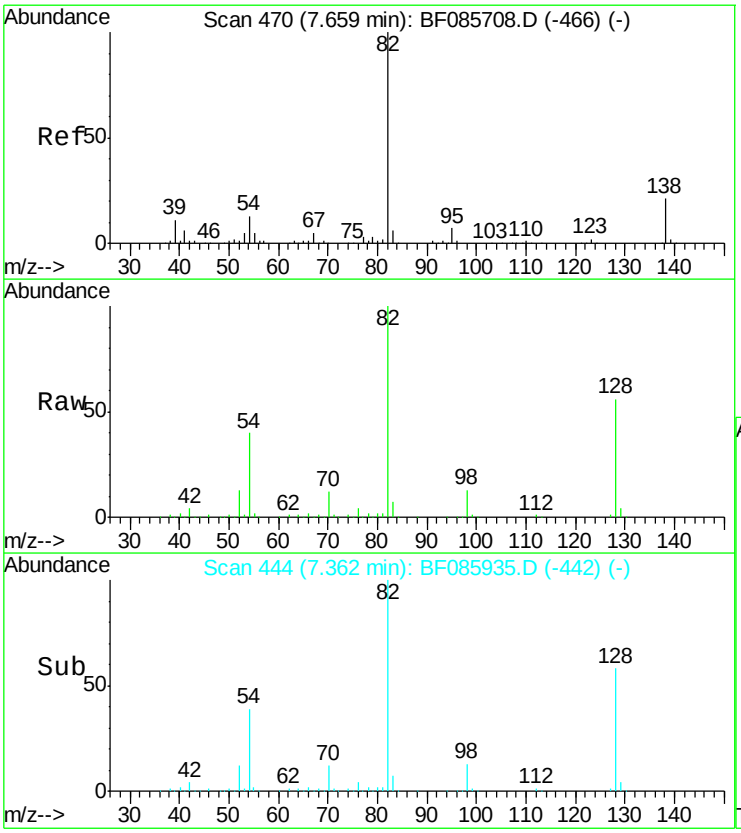
#23
Nitrobenzene-d5
Concen: 93.05 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF085935.D
Acq: 31 Mar 2016 18:52

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion: 82 Resp: 680091

Ion	Ratio	Lower	Upper
82	100		
128	56.2	41.8	62.8
54	39.6	33.4	50.0

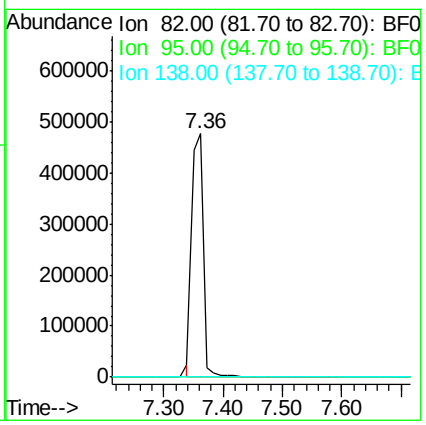


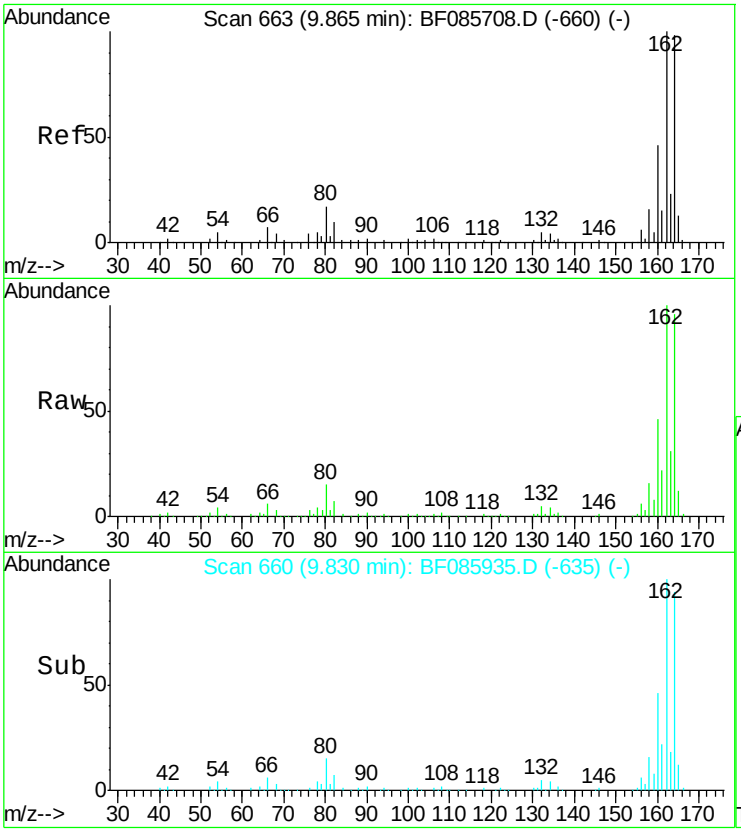


#25
Isophorone
Concen: 47.21 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.27 min
Lab File: BF085935.D
Acq: 31 Mar 2016 18:52

Tgt Ion: 82 Resp: 664714

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	12.9	19.3#



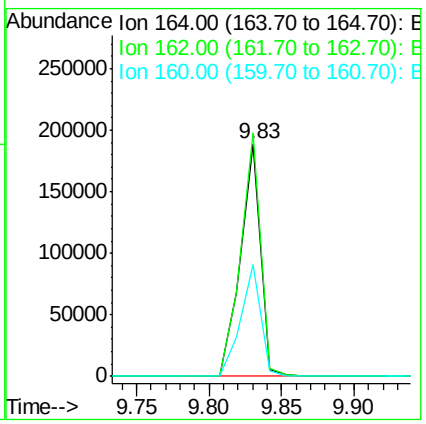


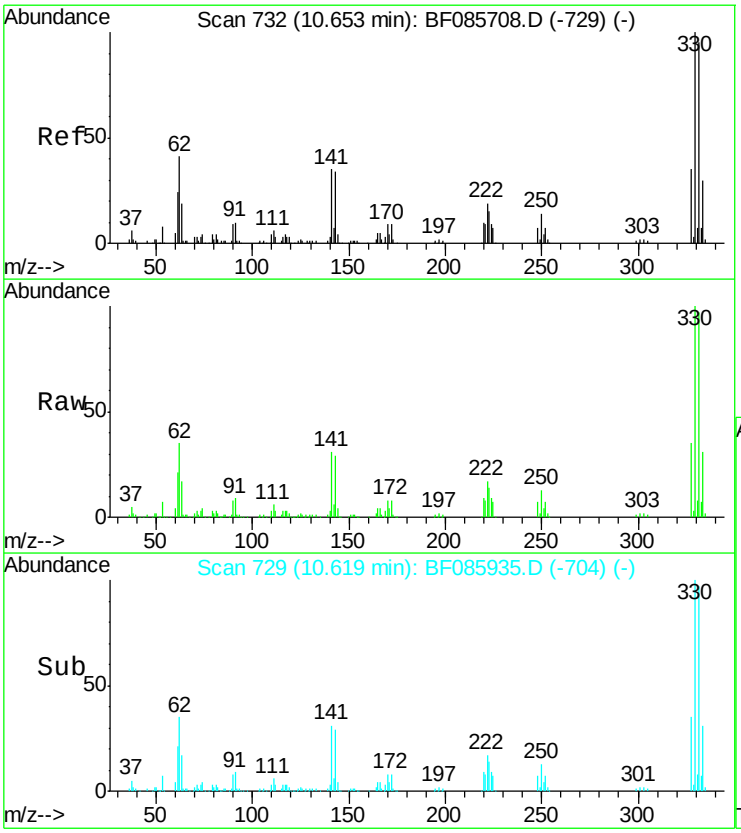
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF085935.D
Acq: 31 Mar 2016 18:52

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:164 Resp: 181077

Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.1	123.1
160	48.2	37.4	56.2

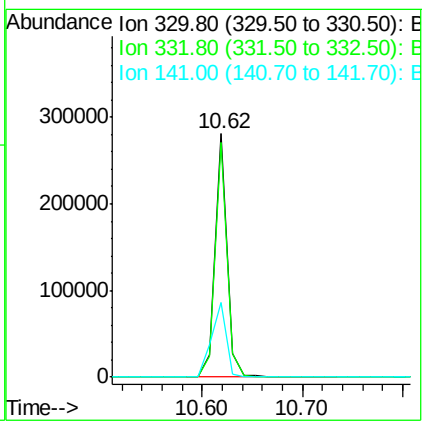


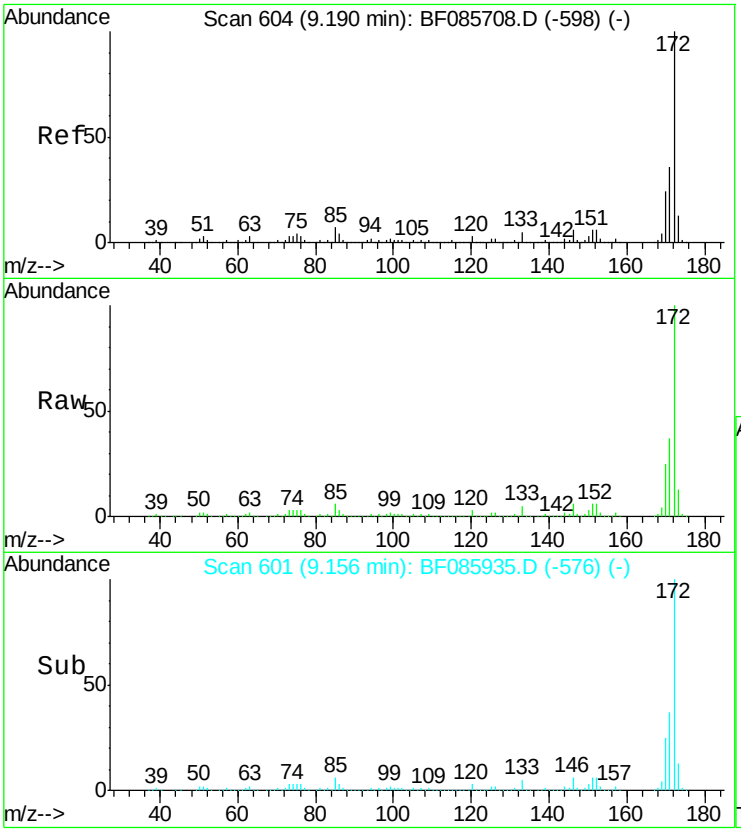


#41
2,4,6-Tribromophenol
Concen: 136.05 ng
RT: 10.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF085935.D
Acq: 31 Mar 2016 18:52

Tgt Ion:330 Resp: 234070

Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.2	117.2
141	38.1	31.5	47.3



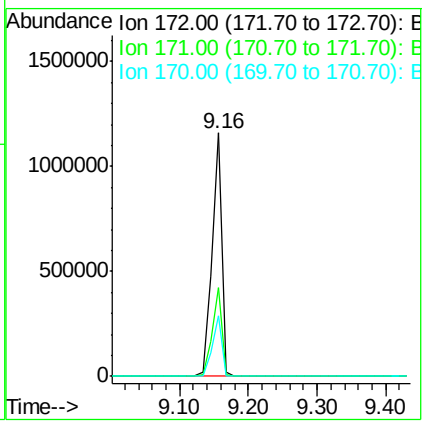


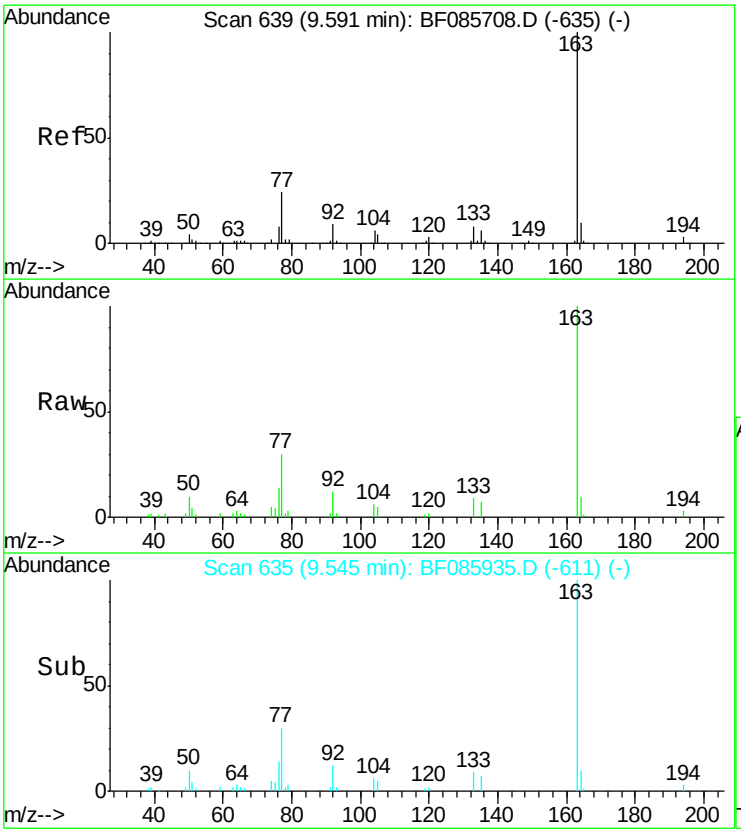
#44
2-Fluorobiphenyl
Concen: 106.66 ng
RT: 9.16 min Scan# 601
Delta R.T. -0.01 min
Lab File: BF085935.D
Acq: 31 Mar 2016 18:52

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:172 Resp: 1155961

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.2
170	24.7	19.8	29.6

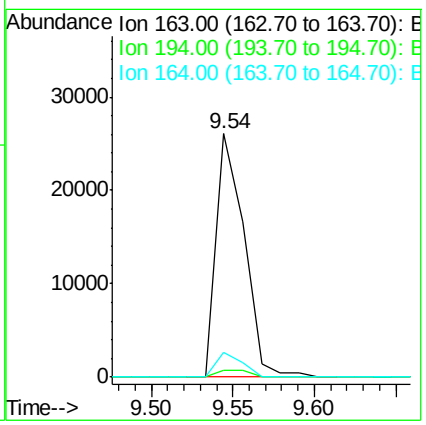


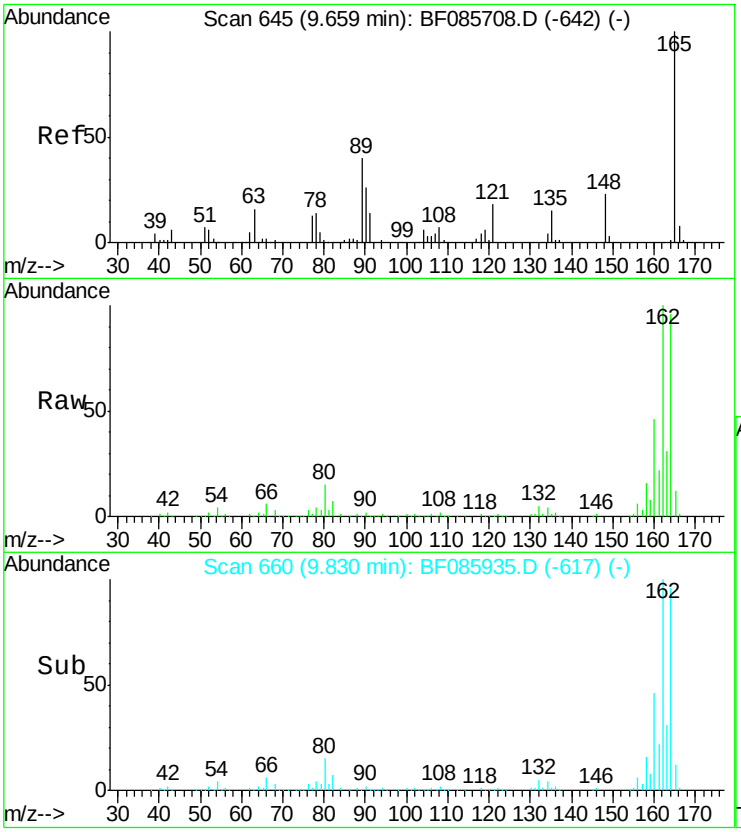


#49
Dimethylphthalate
Concen: 2.24 ng
RT: 9.54 min Scan# 635
Delta R.T. -0.02 min
Lab File: BF085935.D
Acq: 31 Mar 2016 18:52

Tgt Ion:163 Resp: 30811

Ion	Ratio	Lower	Upper
163	100		
194	2.7	2.9	4.3#
164	10.0	8.3	12.5



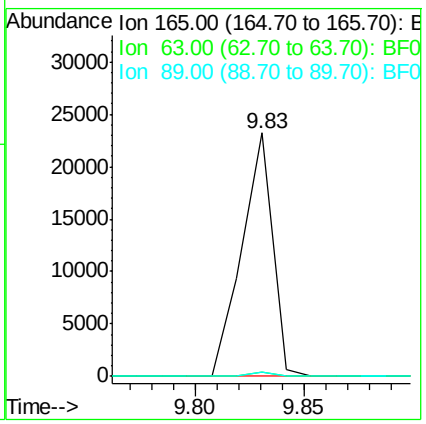


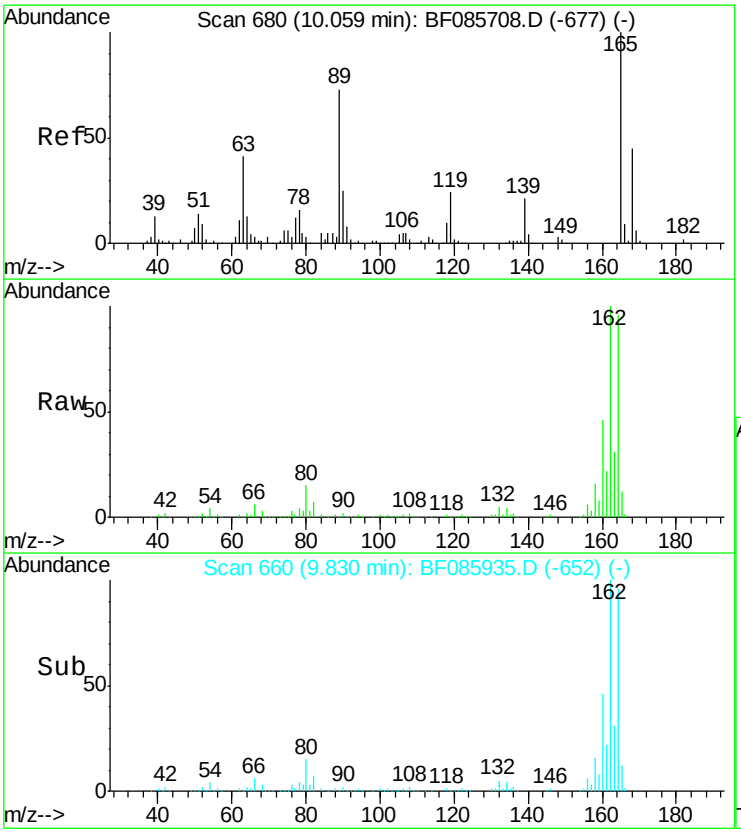
#50
2,6-Dinitrotoluene
Concen: 7.69 ng
RT: 9.83 min Scan# 660
Delta R.T. 0.19 min
Lab File: BF085935.D
Acq: 31 Mar 2016 18:52

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:165 Resp: 22754

Ion	Ratio	Lower	Upper
165	100		
63	1.6	51.8	77.8#
89	1.7	53.7	80.5#

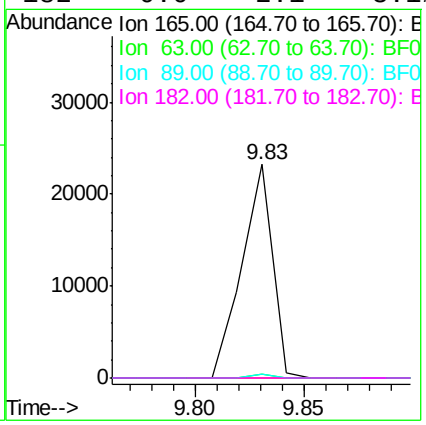


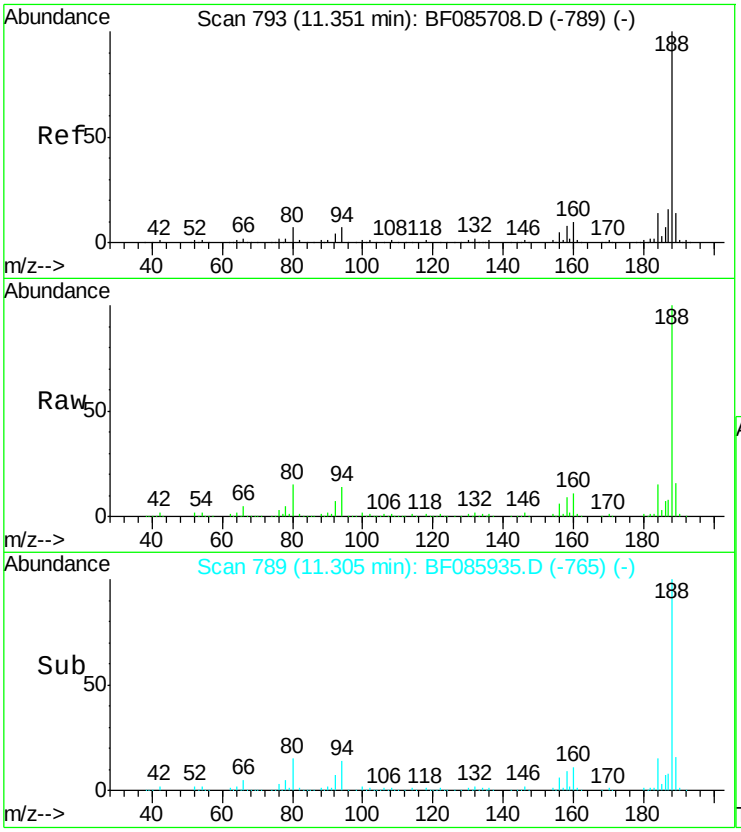


#56
2,4-Dinitrotoluene
Concen: 6.05 ng
RT: 9.83 min Scan# 660
Delta R.T. -0.21 min
Lab File: BF085935.D
Acq: 31 Mar 2016 18:52

Tgt Ion:165 Resp: 22754

Ion	Ratio	Lower	Upper
165	100		
63	1.6	24.9	37.3#
89	1.7	41.0	61.6#
182	0.0	2.1	3.1#



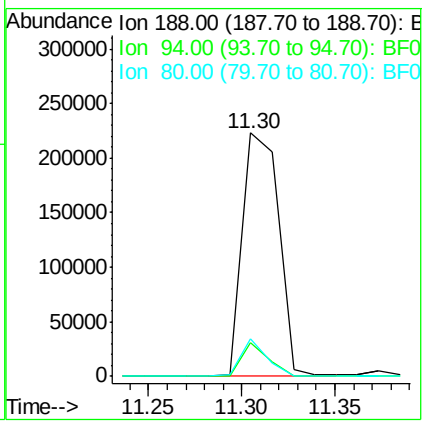


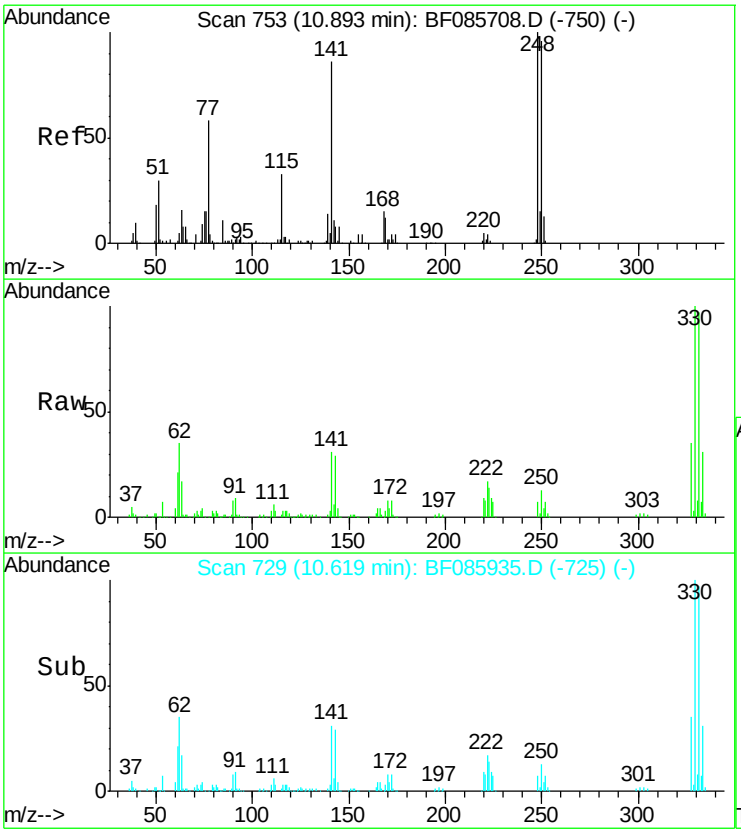
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF085935.D
Acq: 31 Mar 2016 18:52

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:188 Resp: 301774

Ion	Ratio	Lower	Upper
188	100		
94	13.6	5.4	8.0#
80	15.2	5.5	8.3#

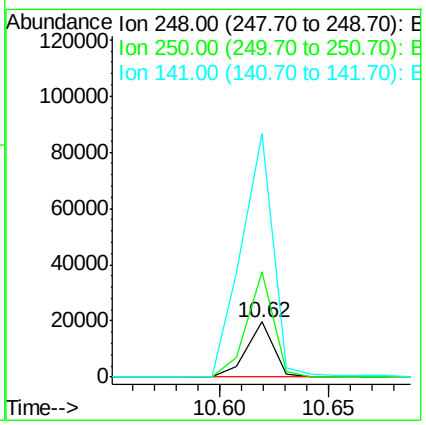


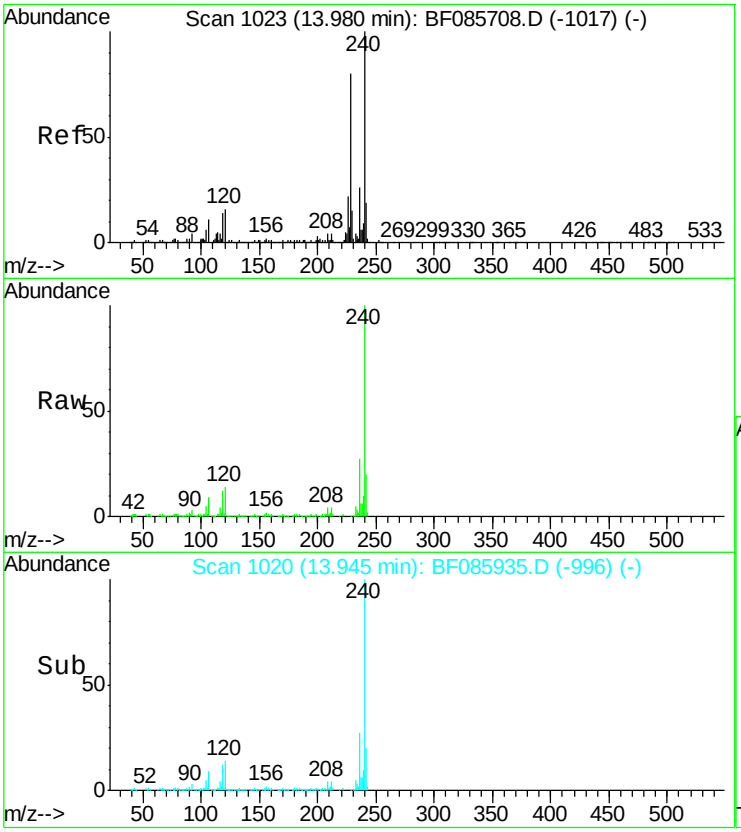


#66
4-Bromophenyl-phenylether
Concen: 5.37 ng
RT: 10.62 min Scan# 729
Delta R.T. -0.25 min
Lab File: BF085935.D
Acq: 31 Mar 2016 18:52

Tgt Ion:248 Resp: 16565

Ion	Ratio	Lower	Upper
248	100		
250	191.3	77.4	116.0#
141	441.5	63.6	95.4#



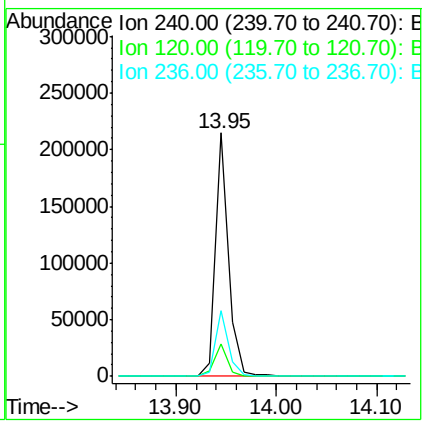


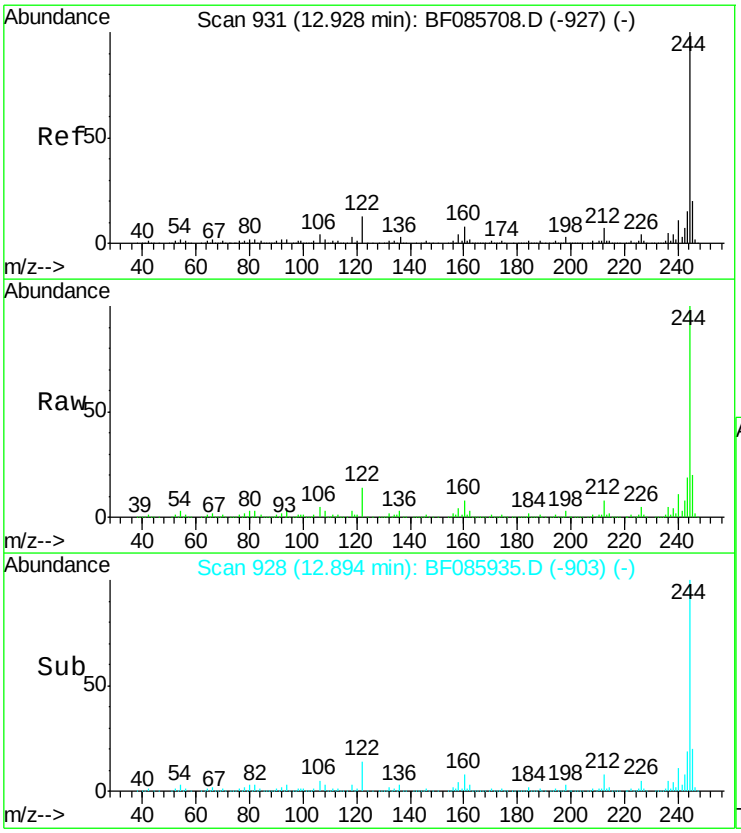
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF085935.D
Acq: 31 Mar 2016 18:52

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:240 Resp: 193794

Ion	Ratio	Lower	Upper
240	100		
120	13.6	13.8	20.8#
236	27.1	20.6	30.8

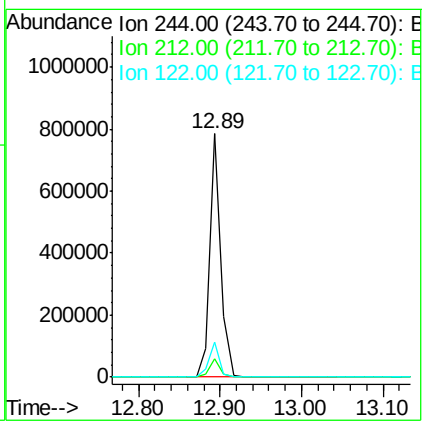


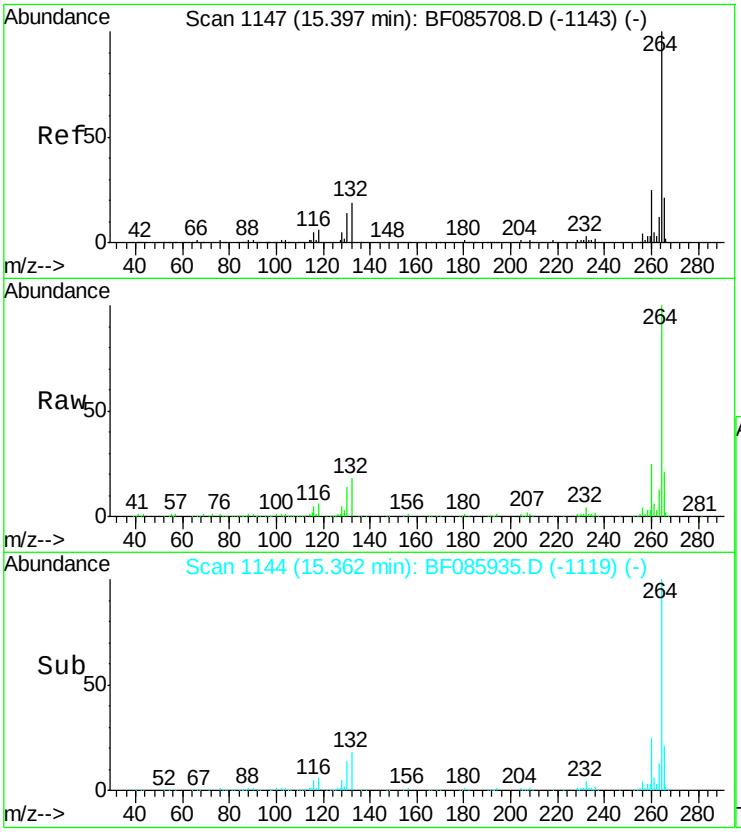


#78
Terphenyl-d14
Concen: 78.78 ng
RT: 12.89 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF085935.D
Acq: 31 Mar 2016 18:52

Tgt Ion:244 Resp: 742350

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	14.5	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: BF085935.D
Acq: 31 Mar 2016 18:52

Instrument :
BNA_F
ClientSampleId :
MW-6

Tgt Ion:264 Resp: 191143

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	21.1	17.2	25.8