Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
Data File : BF085218.D
Acq On : 4 Mar 2016 22:29
Operator : SJ/IZ
Sample : H1645-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ELP-7

Quant Time: Mar 04 23:24:36 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	168171	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	669052	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	317826	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	596520	20.00	ng	-0.01
75) Chrysene-d12	14.13	240	394182	20.00	ng	-0.02
86) Perylene-d12	15.60	264	274500	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1097850	109.50	ng	0.01
7) Phenol-d6	6.60	99	1244292	94.73	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1046210	83.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	391085	143.81	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1808778	86.55	ng	-0.02
78) Terphenyl-d14	13.09	244	1490462	87.78	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	144305	16.86	ng	# 78
31) Naphthalene	8.28	128	289987	8.81	ng	97
33) 4-Chloroaniline	8.28	127	37289	2.80	ng	# 31
50) 2,6-Dinitrotoluene	10.01	165	40718	7.80	ng	# 26
56) 2,4-Dinitrotoluene	10.01	165	40720	6.10	ng	# 22
66) 4-Bromophenyl-phenylether	10.80	248	28334	4.89	ng	# 1

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

Quantitation Report (Not Reviewed)

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Acq On : 4 Mar 2016 22:29
Operator : SJ/IZ
Sample : H1645-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

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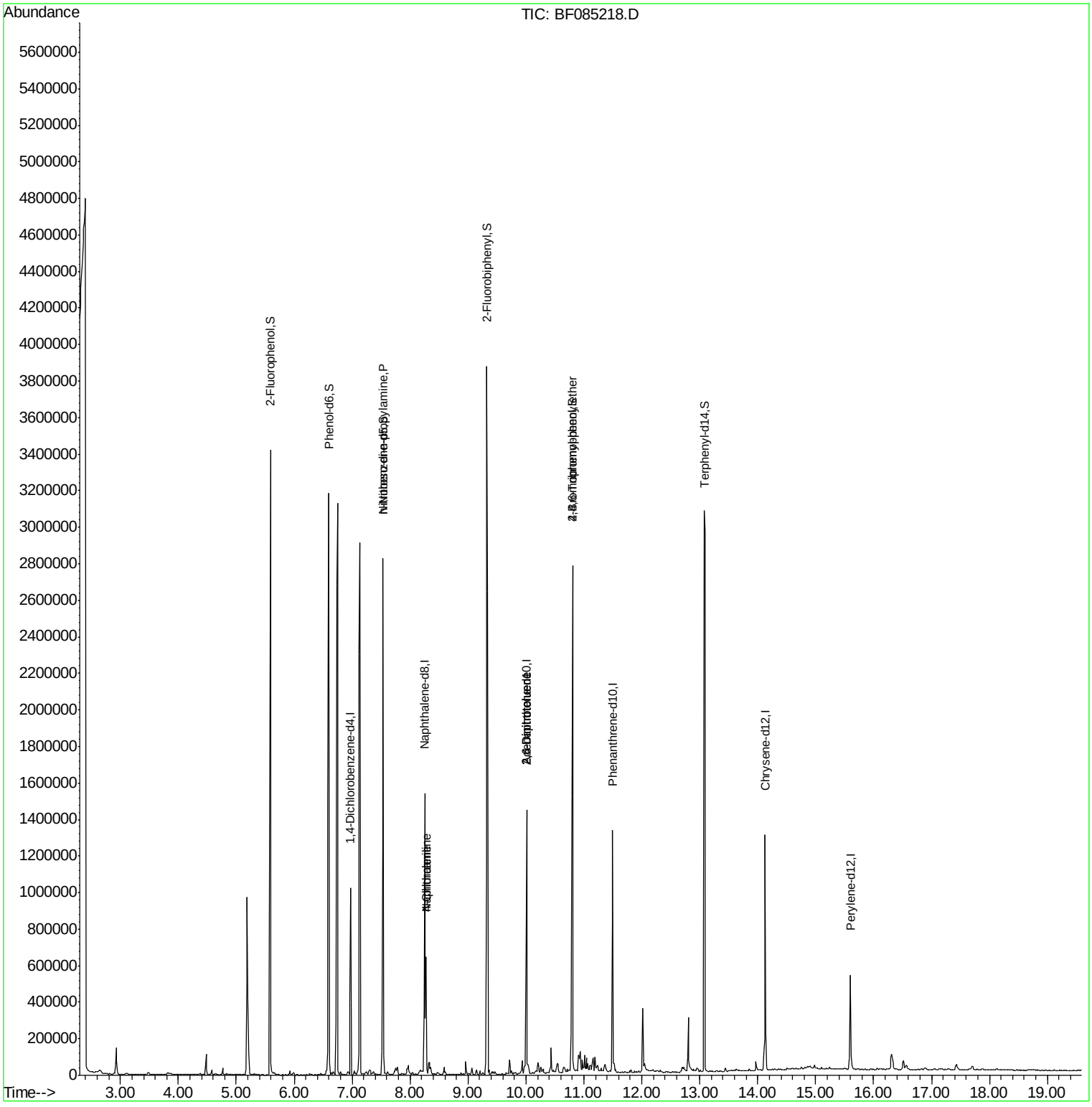
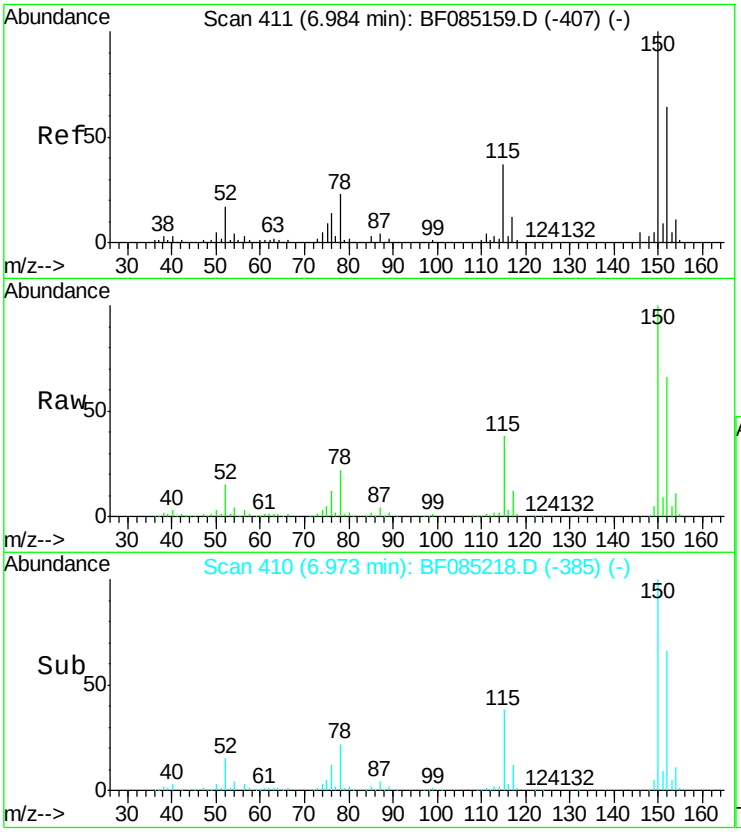


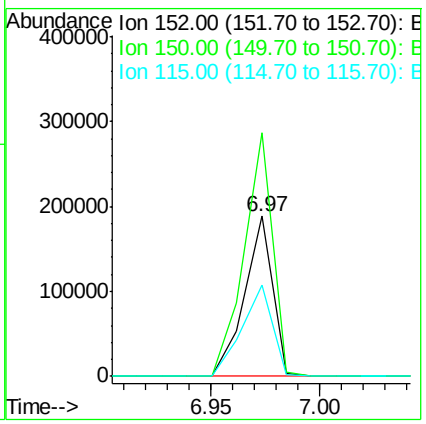


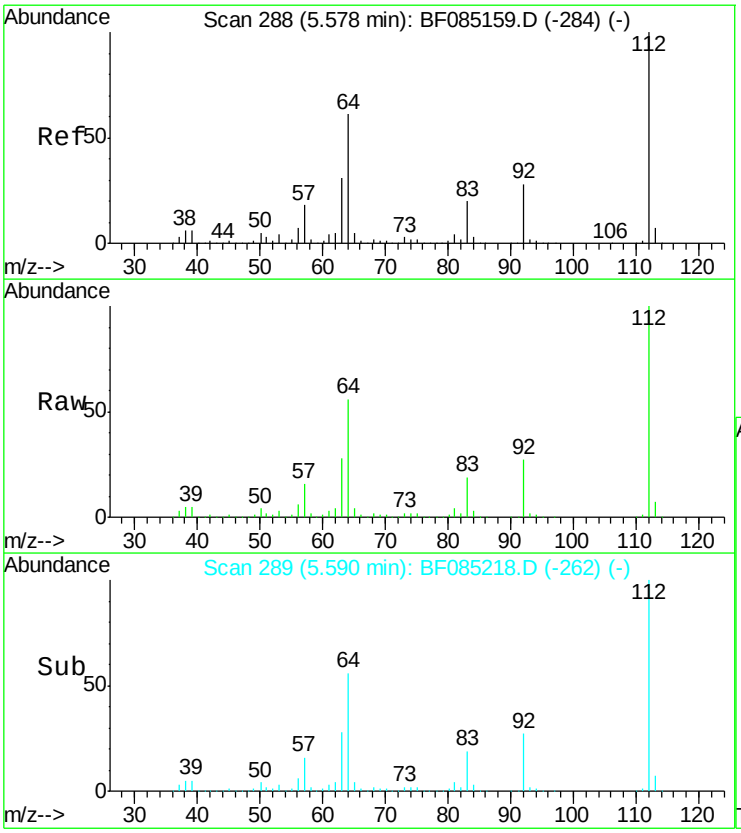
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF085218.D
Acq: 4 Mar 2016 22:29

Instrument :
BNA_F
ClientSampleId :
ELP-7

Tgt Ion:152 Resp: 168171

Ion	Ratio	Lower	Upper
152	100		
150	152.0	124.6	186.8
115	57.3	46.6	70.0

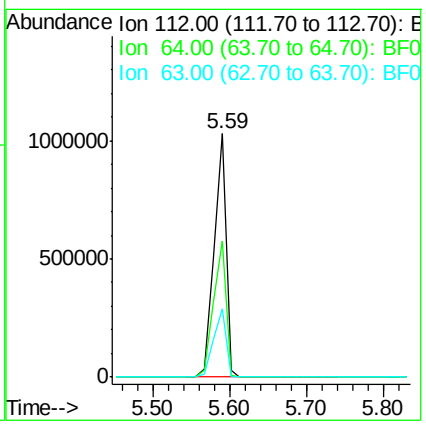


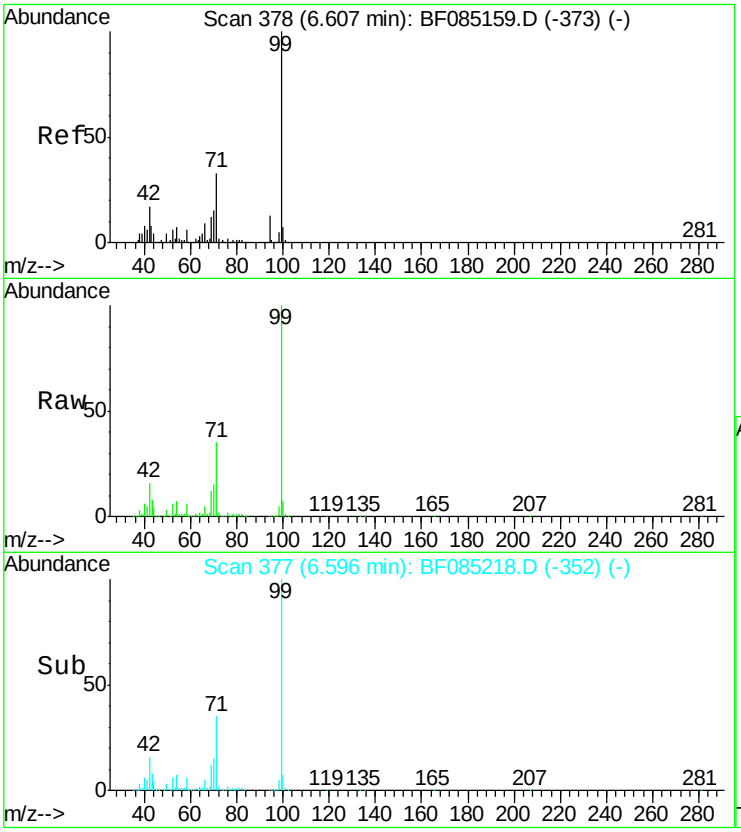


#5
2-Fluorophenol
Concen: 109.50 ng
RT: 5.59 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF085218.D
Acq: 4 Mar 2016 22:29

Tgt Ion:112 Resp: 1097850

Ion	Ratio	Lower	Upper
112	100		
64	55.7	49.0	73.4
63	28.2	24.8	37.2



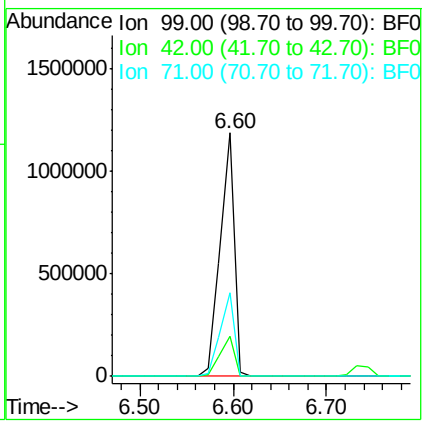


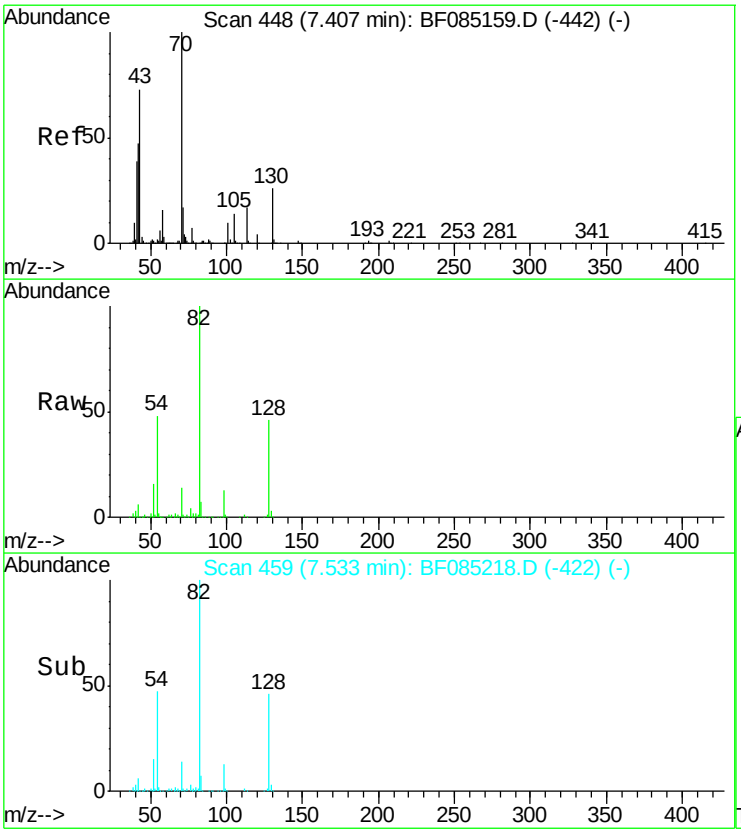
#7
Phenol-d6
Concen: 94.73 ng
RT: 6.60 min Scan# 377
Delta R.T. -0.01 min
Lab File: BF085218.D
Acq: 4 Mar 2016 22:29

Instrument :
BNA_F
ClientSampleId :
ELP-7

Tgt Ion: 99 Resp: 1244292

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.6	20.4
71	34.5	26.7	40.1

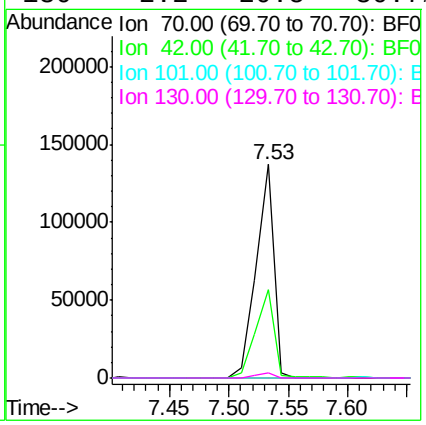


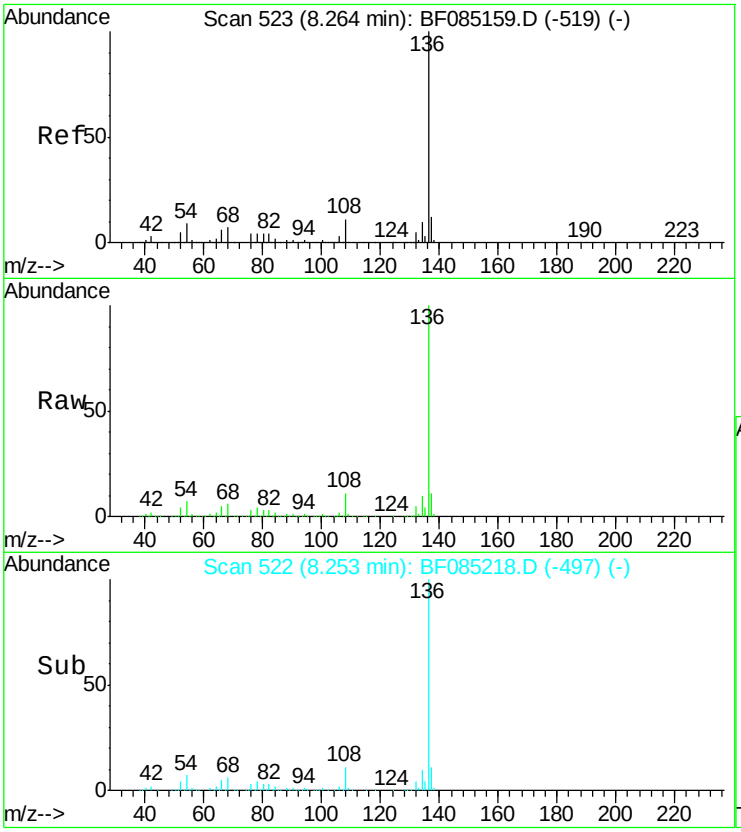


#19
n-Nitroso-di-n-propylamine
Concen: 16.86 ng
RT: 7.53 min Scan# 459
Delta R.T. 0.13 min
Lab File: BF085218.D
Acq: 4 Mar 2016 22:29

Tgt Ion: 70 Resp: 144305

Ion	Ratio	Lower	Upper
70	100		
42	41.5	37.7	56.5
101	0.0	8.2	12.4#
130	2.2	20.5	30.7#



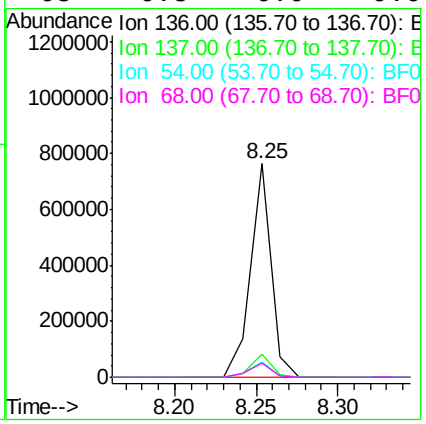


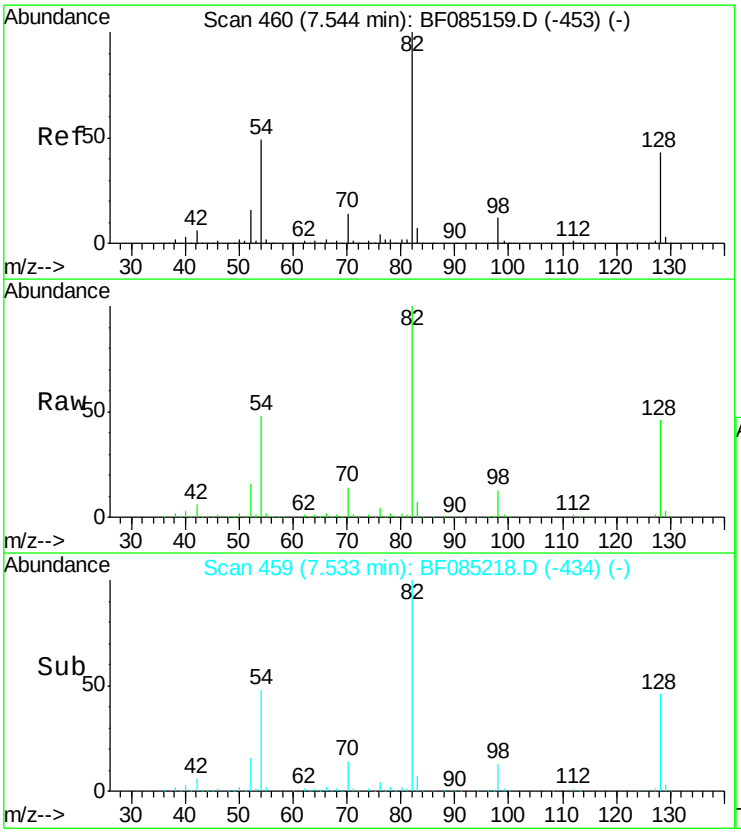
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085218.D
Acq: 4 Mar 2016 22:29

Instrument :
BNA_F
ClientSampleId :
ELP-7

Tgt Ion:136 Resp: 669052

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	7.3	7.4	11.2#
68	6.3	6.0	9.0

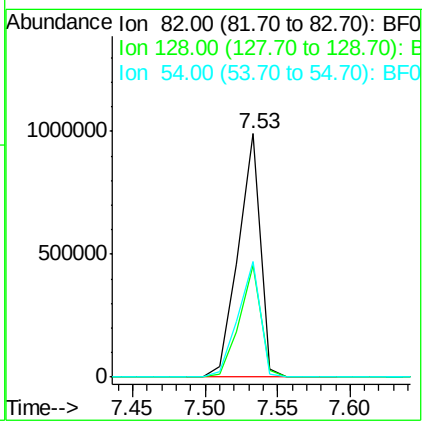


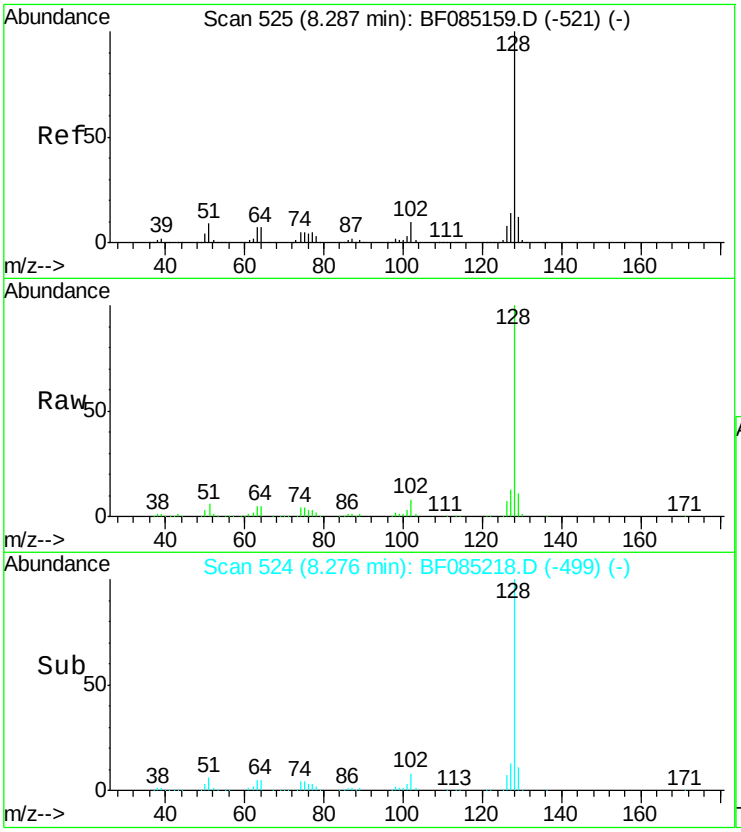


#23
Nitrobenzene-d5
Concen: 83.68 ng
RT: 7.53 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF085218.D
Acq: 4 Mar 2016 22:29

Tgt Ion: 82 Resp: 1046210

Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.5	51.7
54	47.7	39.3	58.9



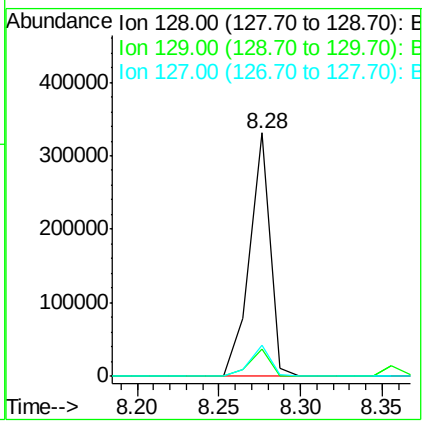


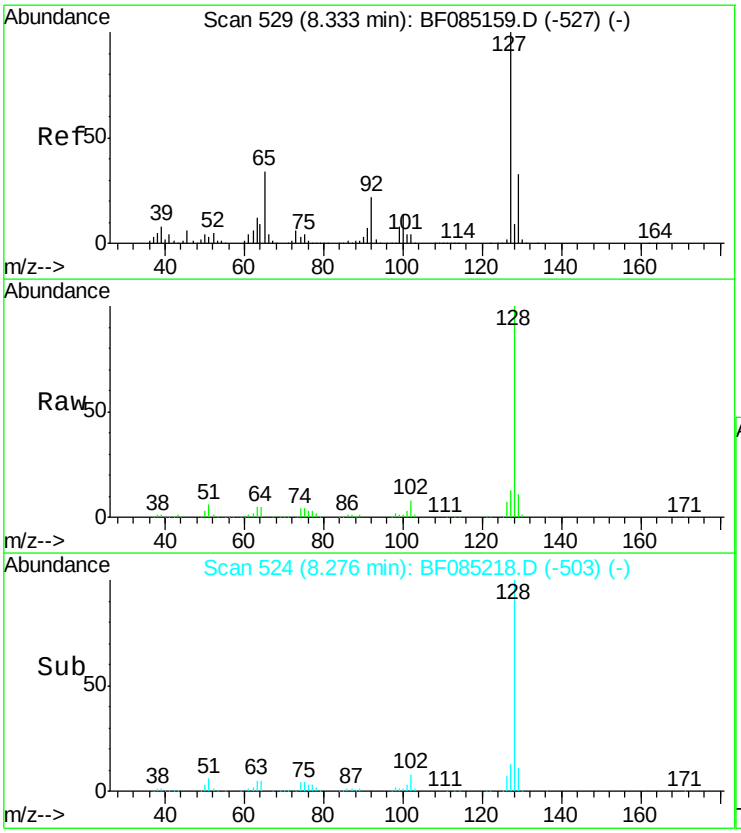
#31
Naphthalene
Concen: 8.81 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF085218.D
Acq: 4 Mar 2016 22:29

Instrument :
BNA_F
ClientSampleId :
ELP-7

Tgt Ion:128 Resp: 289987

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.7	14.5
127	13.0	11.2	16.8

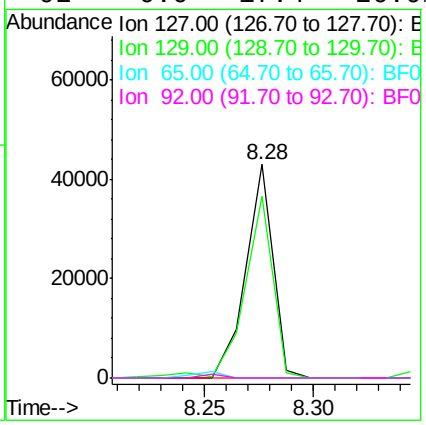


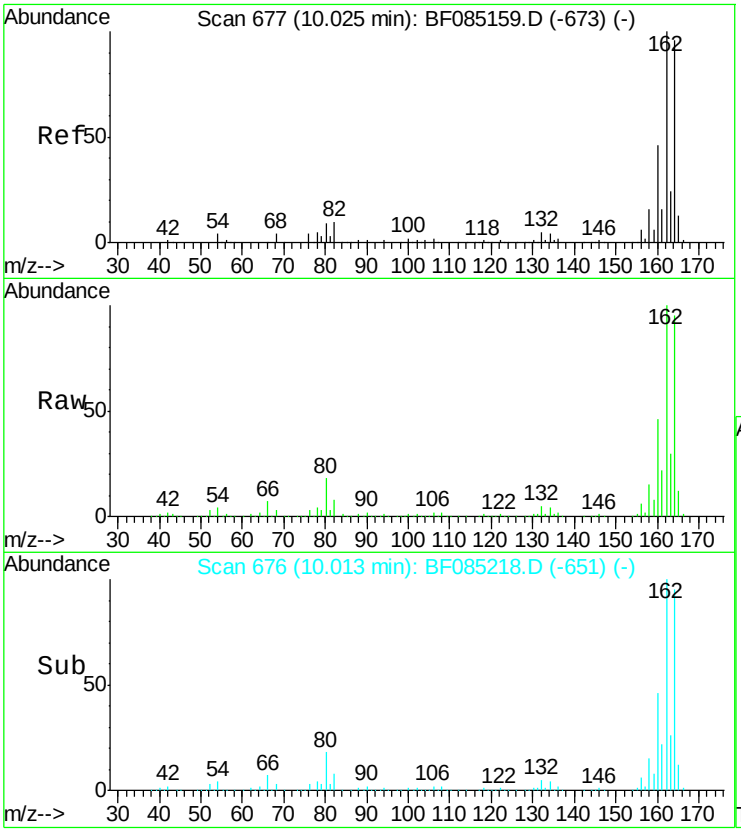


#33
4-Chloroaniline
Concen: 2.80 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF085218.D
Acq: 4 Mar 2016 22:29

Tgt Ion:127 Resp: 37289

Ion	Ratio	Lower	Upper
127	100		
129	85.2	26.1	39.1#
65	0.0	27.0	40.6#
92	0.0	17.4	26.0#



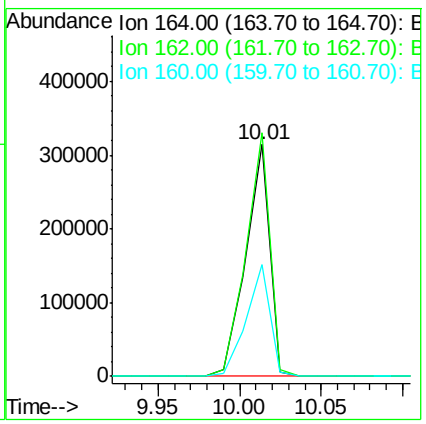


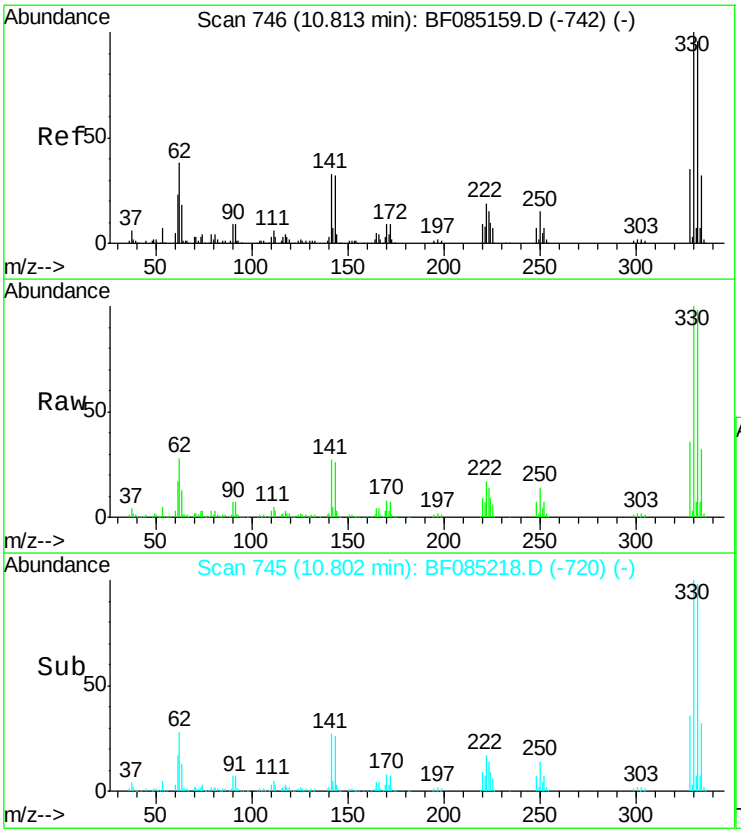
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF085218.D
Acq: 4 Mar 2016 22:29

Instrument :
BNA_F
ClientSampleId :
ELP-7

Tgt Ion:164 Resp: 317826

Ion	Ratio	Lower	Upper
164	100		
162	105.2	83.3	124.9
160	48.3	37.9	56.9

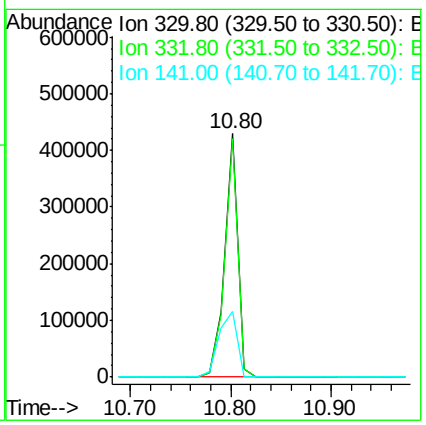


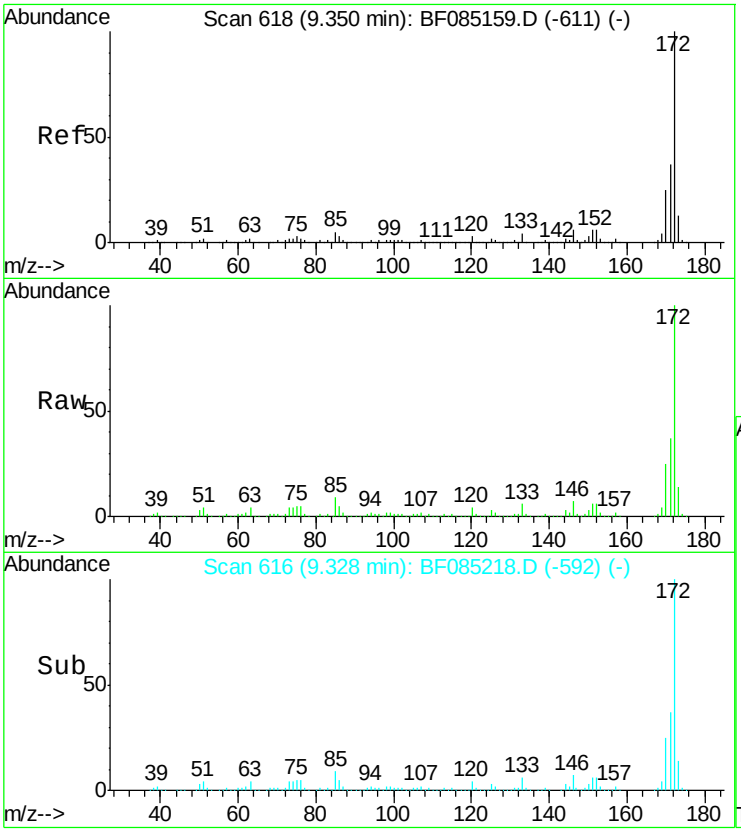


#41
2,4,6-Tribromophenol
Concen: 143.81 ng
RT: 10.80 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF085218.D
Acq: 4 Mar 2016 22:29

Tgt Ion:330 Resp: 391085

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.1	115.7
141	37.9	35.0	52.6



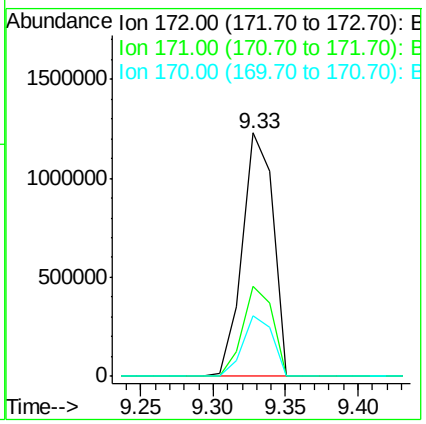


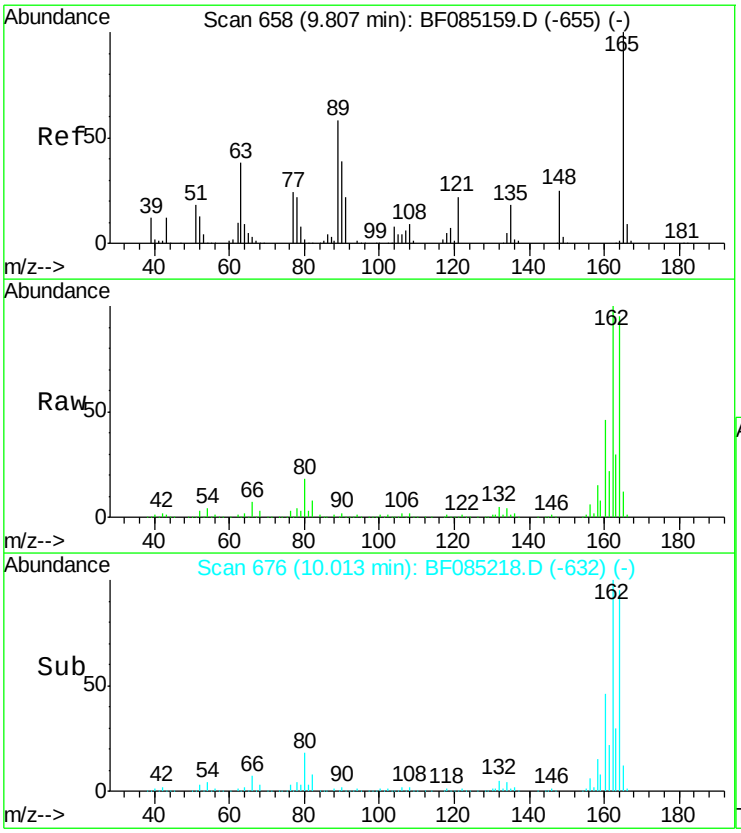
#44
2-Fluorobiphenyl
Concen: 86.55 ng
RT: 9.33 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF085218.D
Acq: 4 Mar 2016 22:29

Instrument :
BNA_F
ClientSampleId :
ELP-7

Tgt Ion:172 Resp: 1808778

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.3	43.9
170	24.7	20.0	30.0

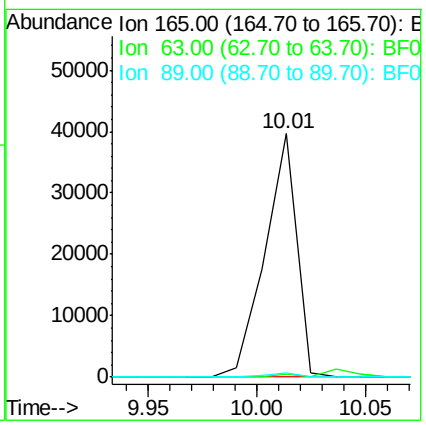


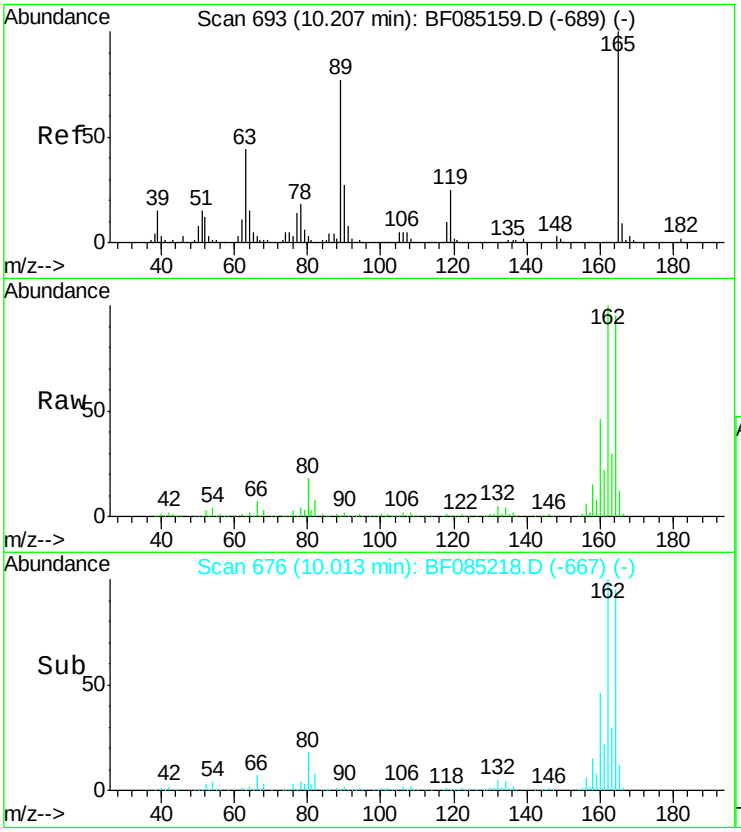


#50
2,6-Dinitrotoluene
Concen: 7.80 ng
RT: 10.01 min Scan# 676
Delta R.T. 0.21 min
Lab File: BF085218.D
Acq: 4 Mar 2016 22:29

Tgt Ion:165 Resp: 40718

Ion	Ratio	Lower	Upper
165	100		
63	1.4	41.8	62.8#
89	1.6	46.7	70.1#



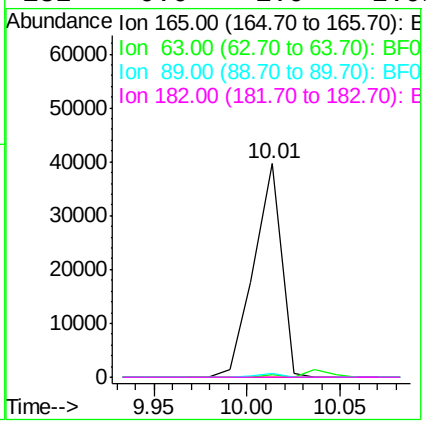


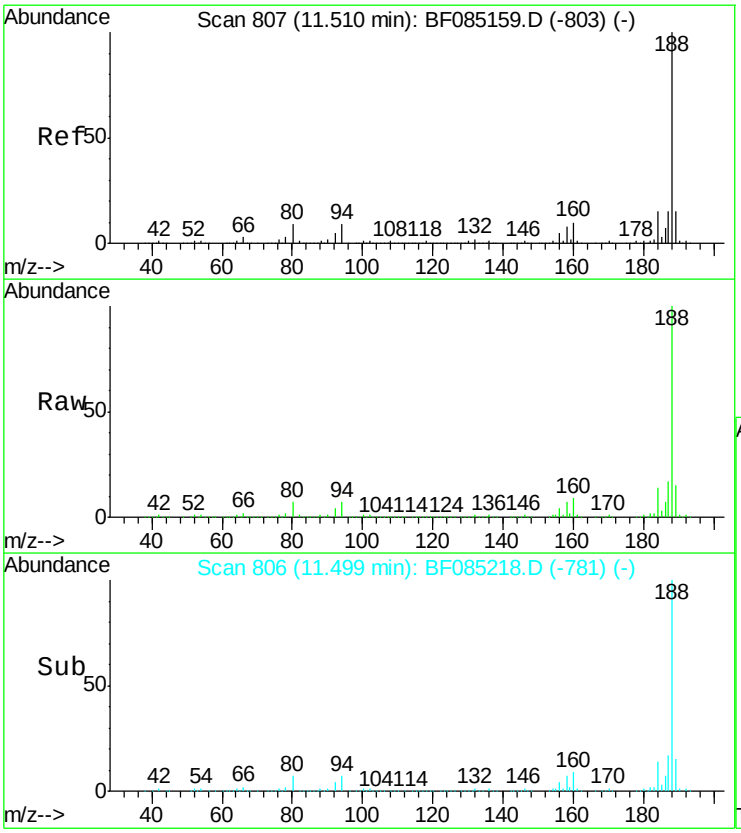
#56
2,4-Dinitrotoluene
Concen: 6.10 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.19 min
Lab File: BF085218.D
Acq: 4 Mar 2016 22:29

Instrument :
BNA_F
ClientSampleId :
ELP-7

Tgt Ion:165 Resp: 40720

Ion	Ratio	Lower	Upper
165	100		
63	1.4	35.4	53.0#
89	1.6	61.9	92.9#
182	0.0	1.9	2.9#

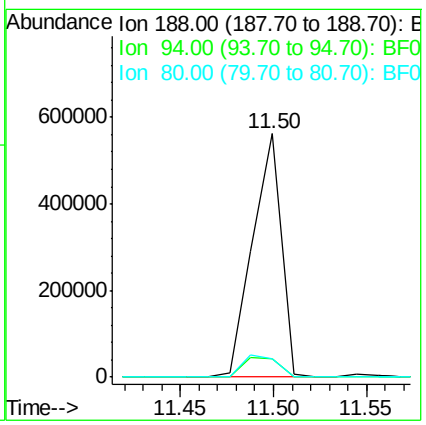


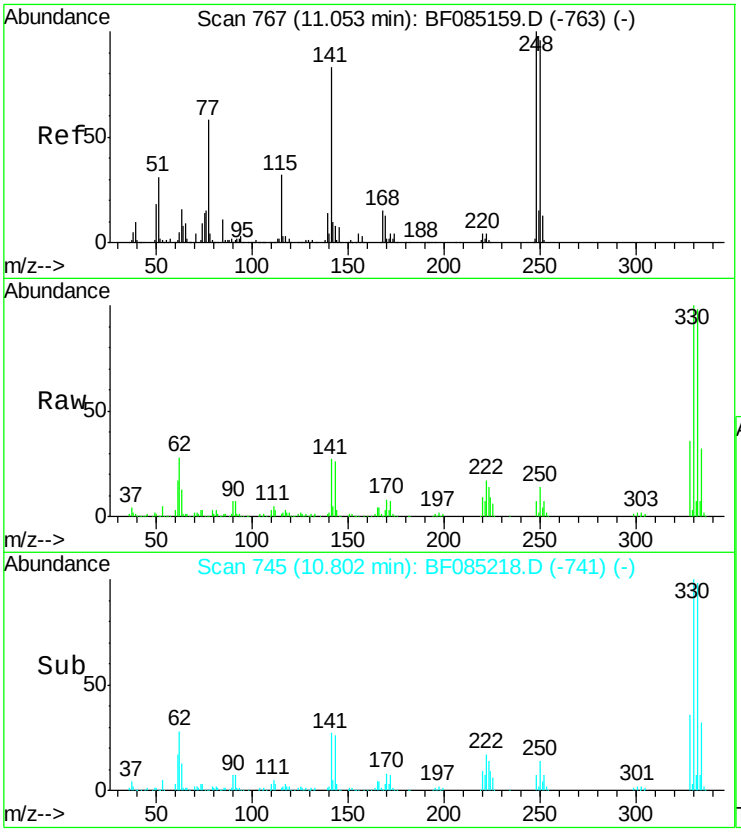


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085218.D
Acq: 4 Mar 2016 22:29

Tgt Ion:188 Resp: 596520

Ion	Ratio	Lower	Upper
188	100		
94	7.3	7.0	10.6
80	7.4	7.4	11.0



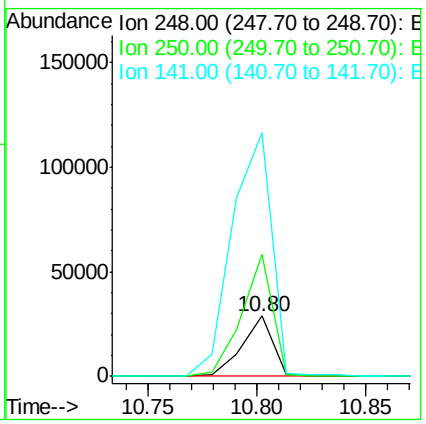


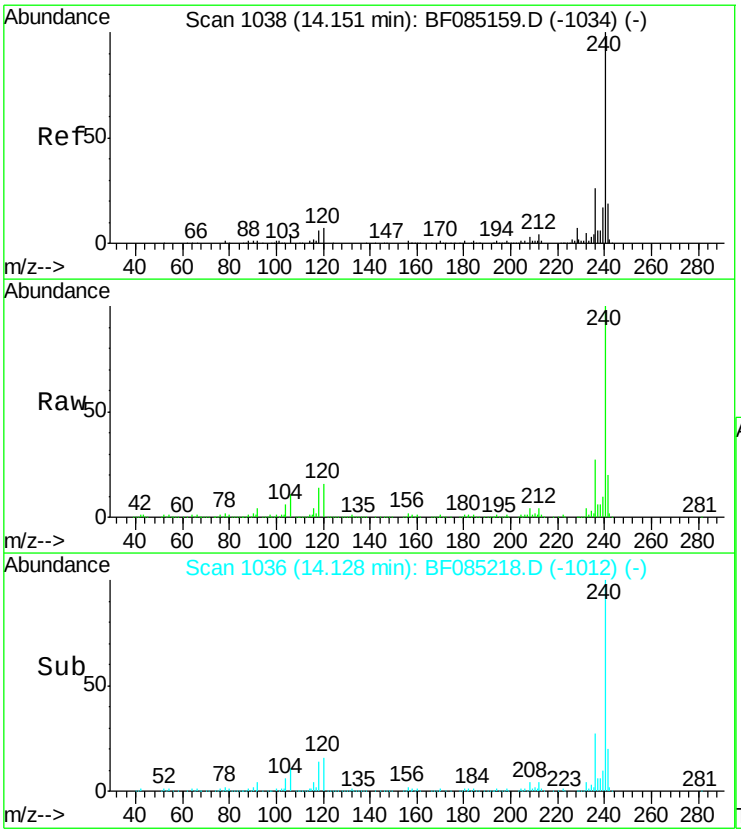
#66
4-Bromophenyl-phenylether
Concen: 4.89 ng
RT: 10.80 min Scan# 745
Delta R.T. -0.25 min
Lab File: BF085218.D
Acq: 4 Mar 2016 22:29

Instrument :
BNA_F
ClientSampleId :
ELP-7

Tgt Ion:248 Resp: 28334

Ion	Ratio	Lower	Upper
248	100		
250	200.9	77.1	115.7#
141	402.9	66.2	99.2#

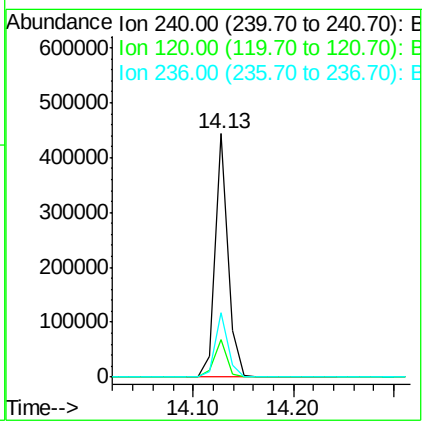


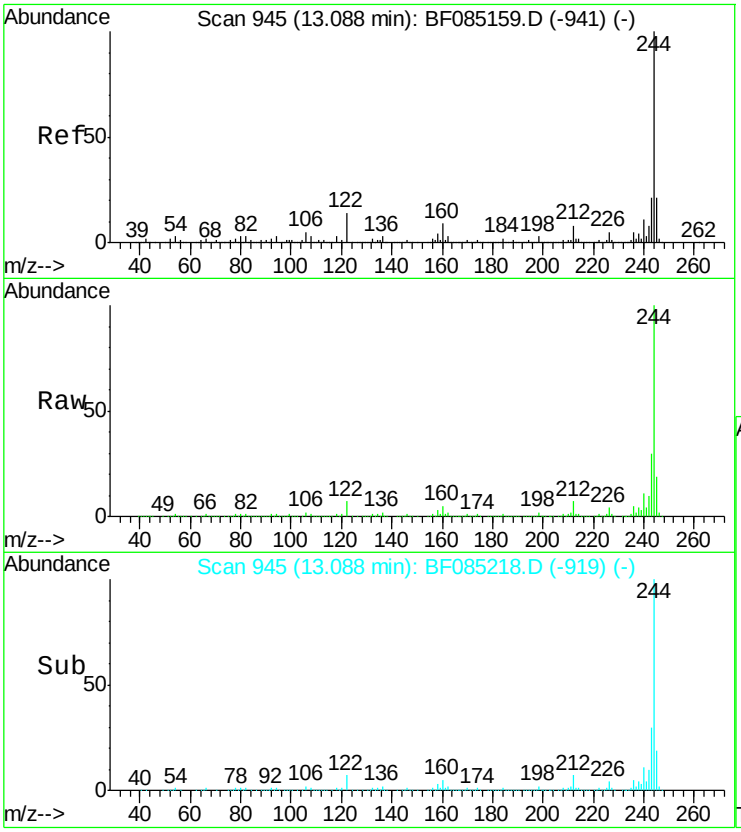


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF085218.D
Acq: 4 Mar 2016 22:29

Tgt Ion:240 Resp: 394182

Ion	Ratio	Lower	Upper
240	100		
120	15.7	5.3	7.9#
236	26.5	20.7	31.1



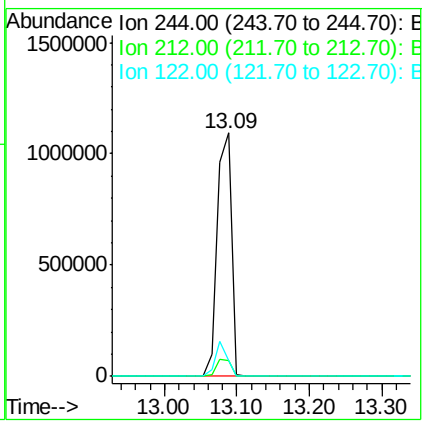


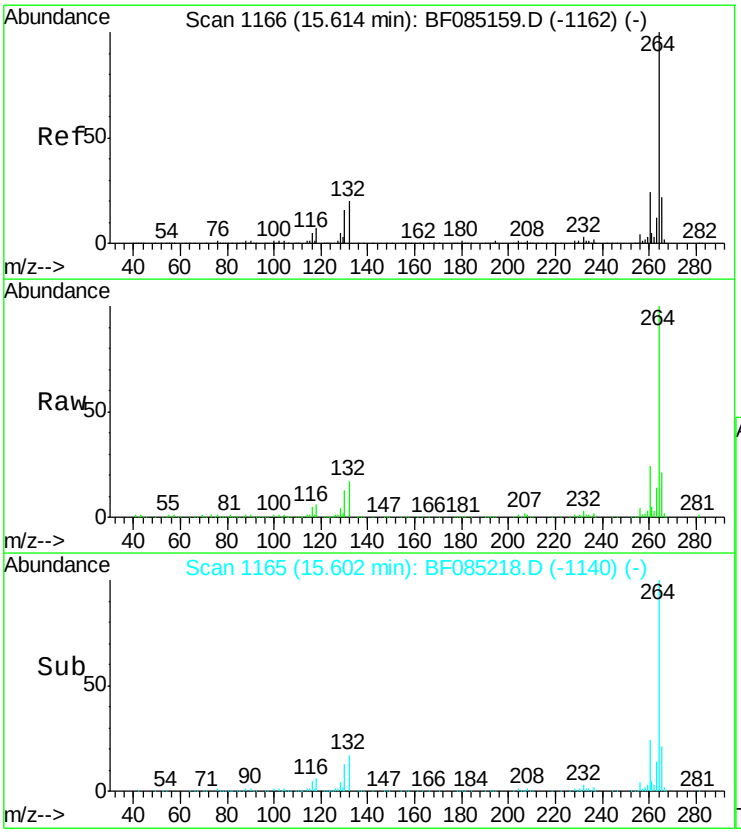
#78
Terphenyl-d14
Concen: 87.78 ng
RT: 13.09 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF085218.D
Acq: 4 Mar 2016 22:29

Instrument :
BNA_F
ClientSampleId :
ELP-7

Tgt Ion:244 Resp: 1490462

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.4	9.6
122	6.7	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF085218.D
Acq: 4 Mar 2016 22:29

Tgt Ion:264 Resp: 274500

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.9	17.3	25.9