Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087047.D
Acq On : 15 May 2016 4:24
Operator : UM/SJ
Sample : H3052-02
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12

Quant Time: May 16 04:53:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 14:55:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	404072	20.00	ng		0.07
21) Naphthalene-d8	7.90	136	539374	20.00	ng		-0.09
38) Acenaphthene-d10	9.64	164	269229	20.00	ng		-0.09
63) Phenanthrene-d10	11.12	188	417667	20.00	ng		-0.09
75) Chrysene-d12	13.75	240	295593	20.00	ng		-0.09
86) Perylene-d12	15.11	264	303756	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	531526	22.28	ng		-0.09
7) Phenol-d6	6.28	99	456435	14.31	ng		-0.08
23) Nitrobenzene-d5	7.19	82	920948	85.74	ng		-0.08
41) 2,4,6-Tribromophenol	10.44	330	329330	115.54	ng		-0.08
44) 2-Fluorobiphenyl	8.98	172	1477097	92.21	ng		-0.08
78) Terphenyl-d14	12.71	244	989954	71.06	ng		-0.09
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.19	70	135026	6.06	ng	#	74
25) Isophorone	7.19	82	895594	44.94	ng	#	68
49) Dimethylphthalate	9.38	163	59414	2.89	ng		100
55) 4-Nitrophenol	9.85	139	2442	5.32	ng	#	1
56) 2,4-Dinitrotoluene	9.64	165	36214	6.77	ng	#	17
60) 4-Chlorophenyl-phenylether	10.16	204	502	Below Cal		#	8
66) 4-Bromophenyl-phenylether	10.43	248	19518	4.61	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
Data File : BF087047.D
Acq On : 15 May 2016 4:24
Operator : UM/SJ
Sample : H3052-02
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_F
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MW-12

Quant Time: May 16 04:53:03 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 14:55:23 2016
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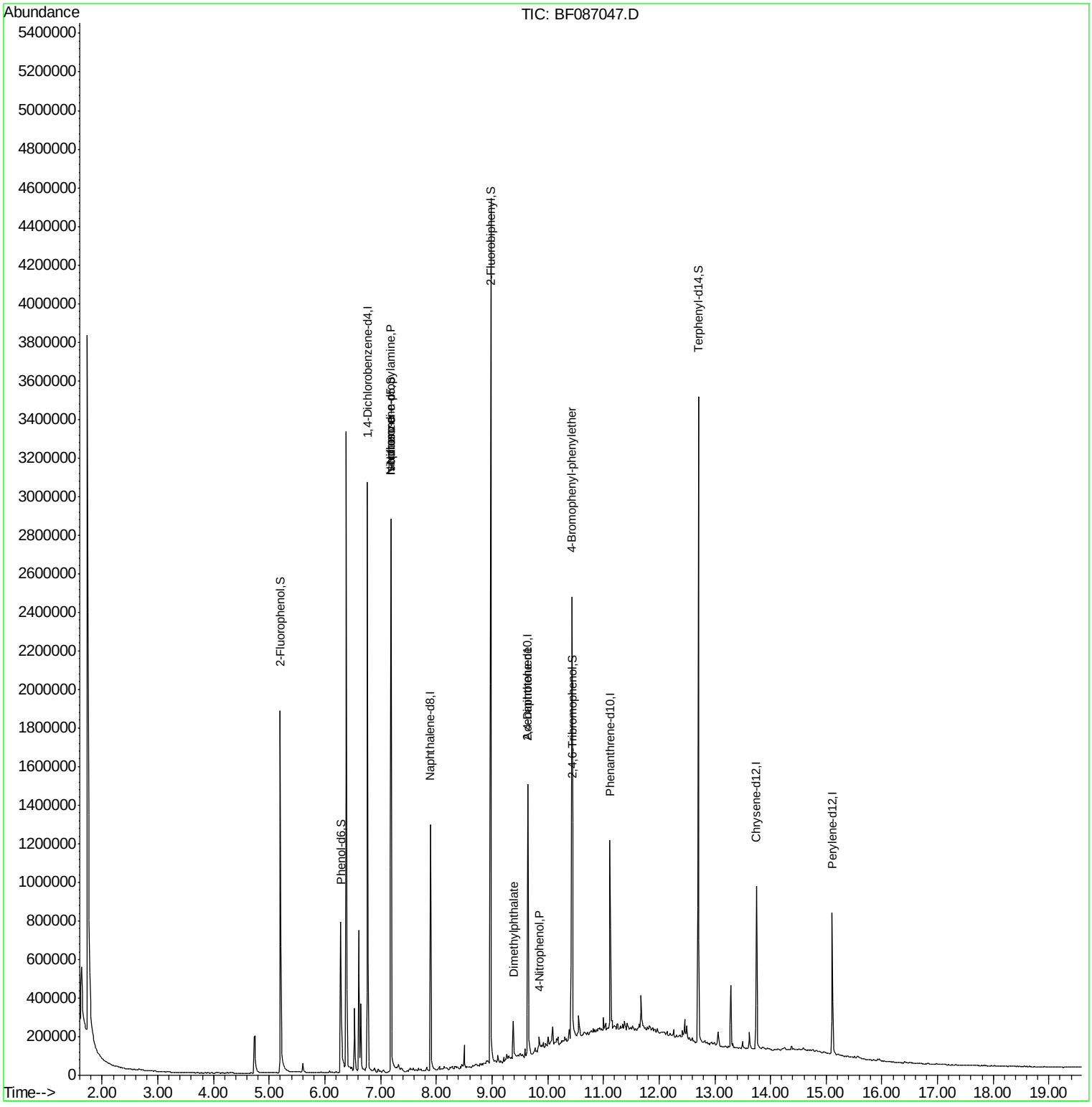
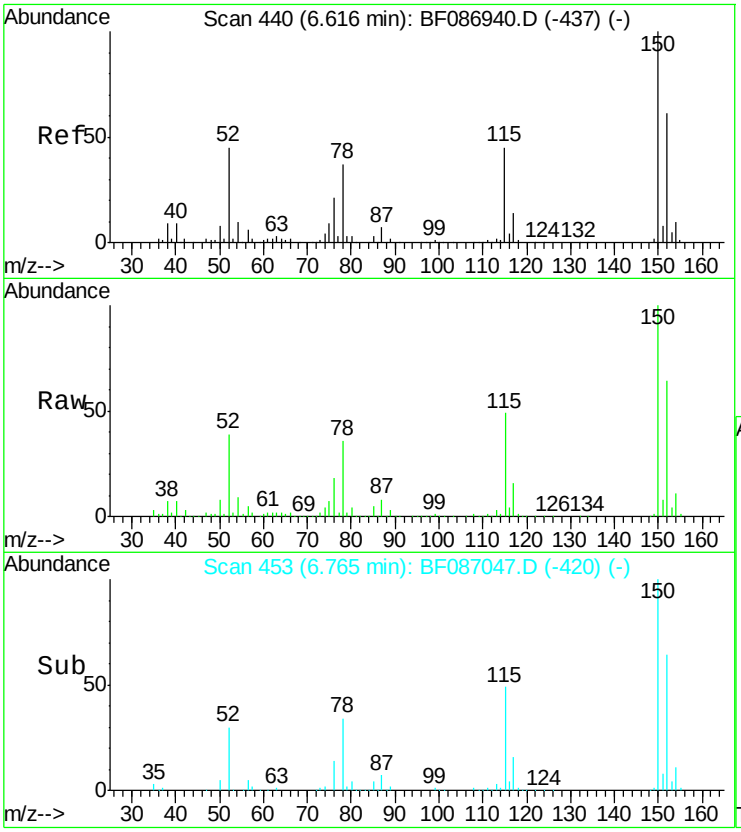


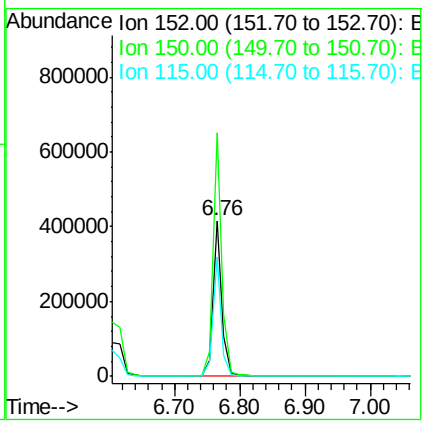


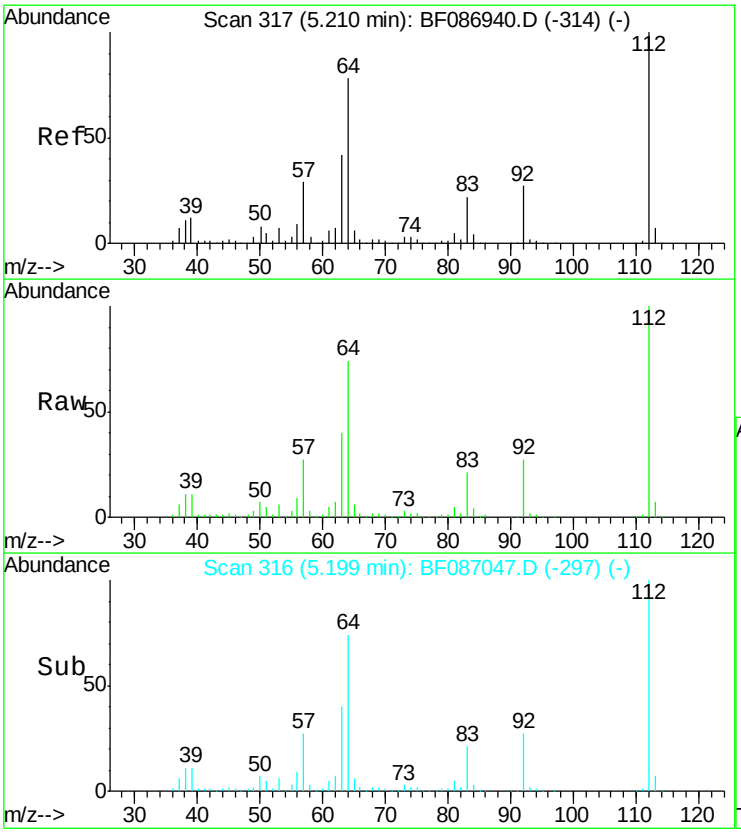
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 453
Delta R.T. 0.07 min
Lab File: BF087047.D
Acq: 15 May 2016 4:24

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:152 Resp: 404072

Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.8	188.6
115	77.1	51.5	77.3

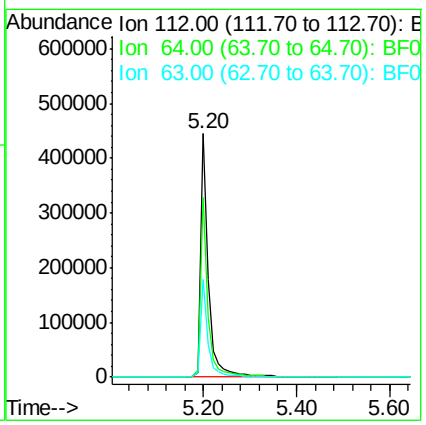


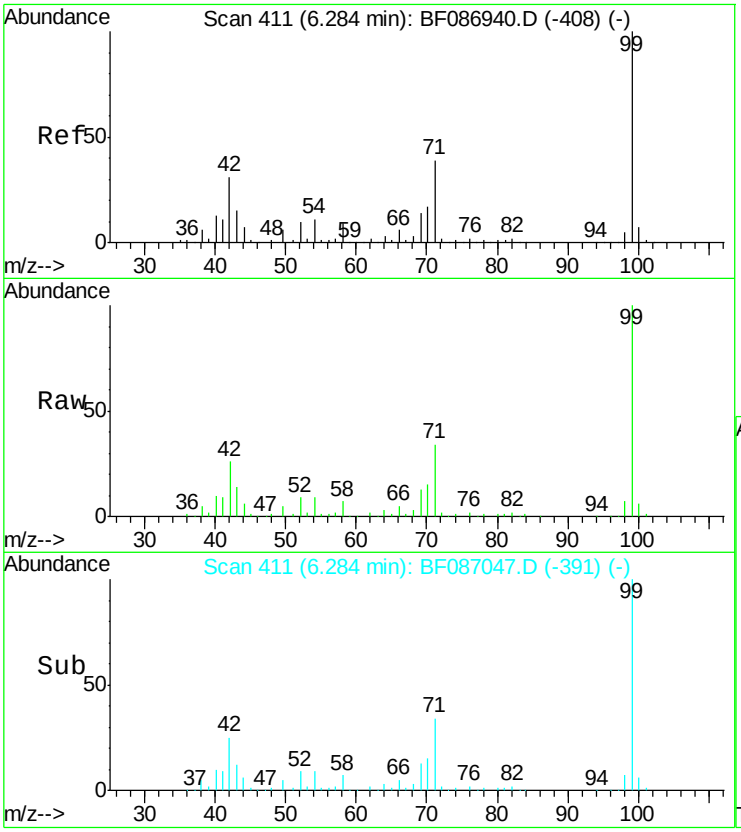


#5
2-Fluorophenol
Concen: 22.28 ng
RT: 5.20 min Scan# 316
Delta R.T. -0.09 min
Lab File: BF087047.D
Acq: 15 May 2016 4:24

Tgt Ion:112 Resp: 531526

Ion	Ratio	Lower	Upper
112	100		
64	73.5	52.1	78.1
63	40.3	25.7	38.5#



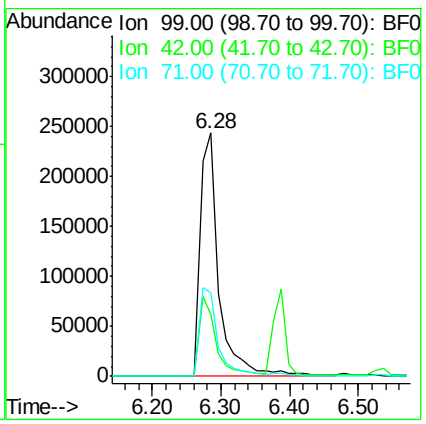


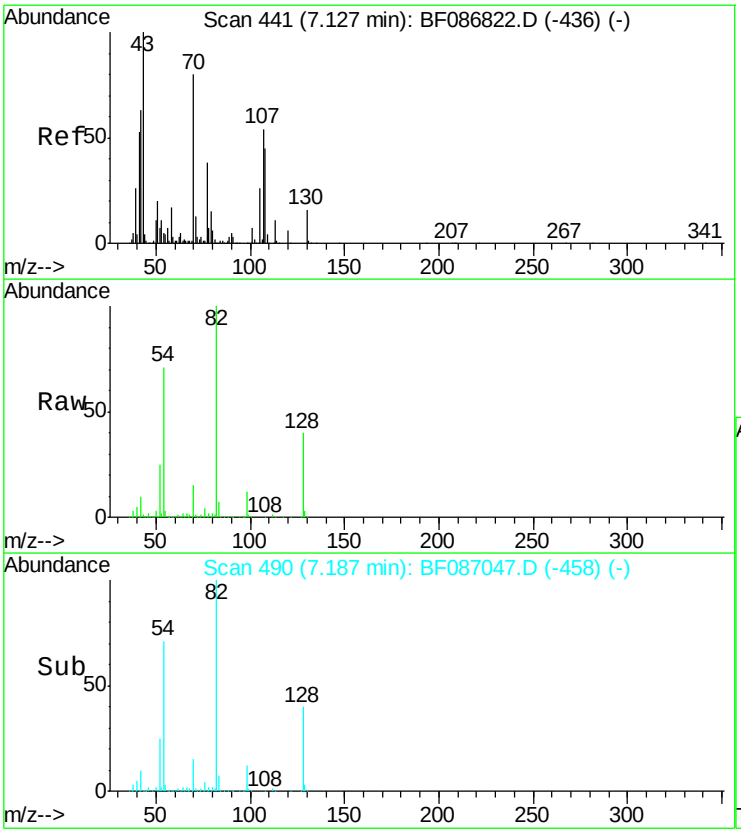
#7
Phenol-d6
Concen: 14.31 ng
RT: 6.28 min Scan# 411
Delta R.T. -0.08 min
Lab File: BF087047.D
Acq: 15 May 2016 4:24

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion: 99 Resp: 456435

Ion	Ratio	Lower	Upper
99	100		
42	25.6	13.6	20.4#
71	34.2	24.6	36.8

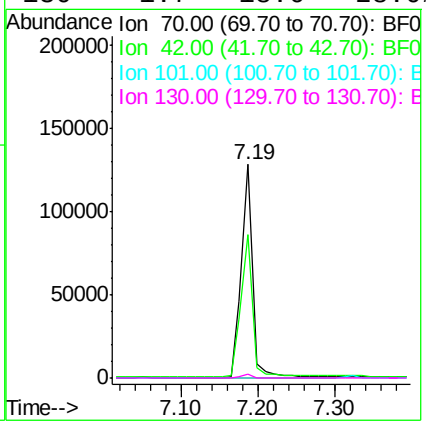


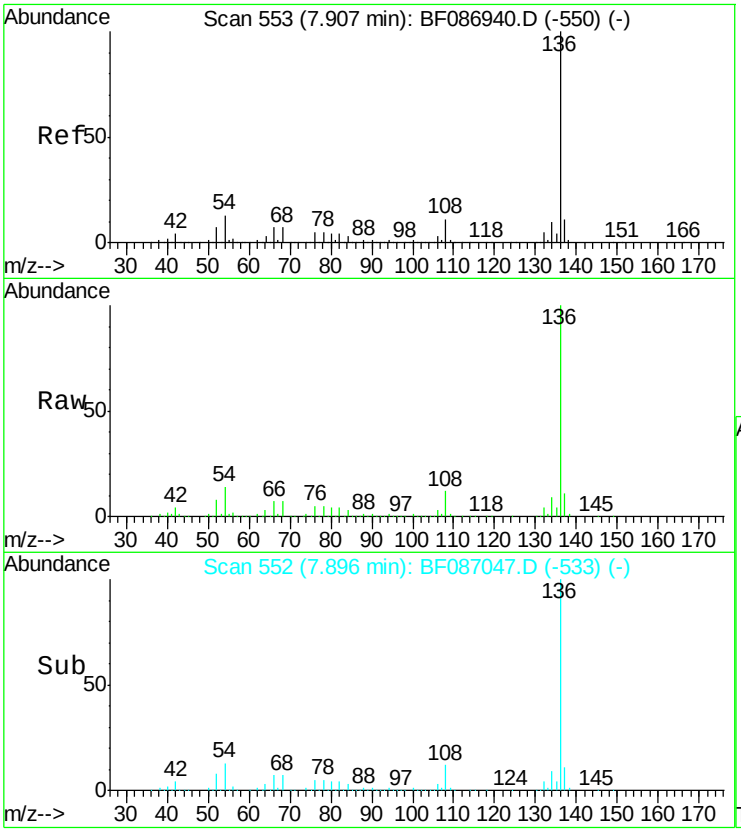


#19
n-Nitroso-di-n-propylamine
Concen: 6.06 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.06 min
Lab File: BF087047.D
Acq: 15 May 2016 4:24

Tgt Ion: 70 Resp: 135026

Ion	Ratio	Lower	Upper
70	100		
42	67.0	43.1	64.7#
101	0.0	8.1	12.1#
130	1.7	18.6	28.0#



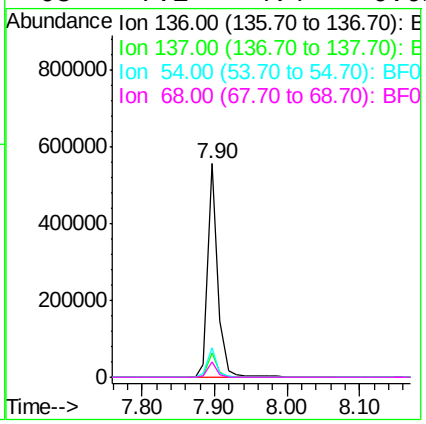


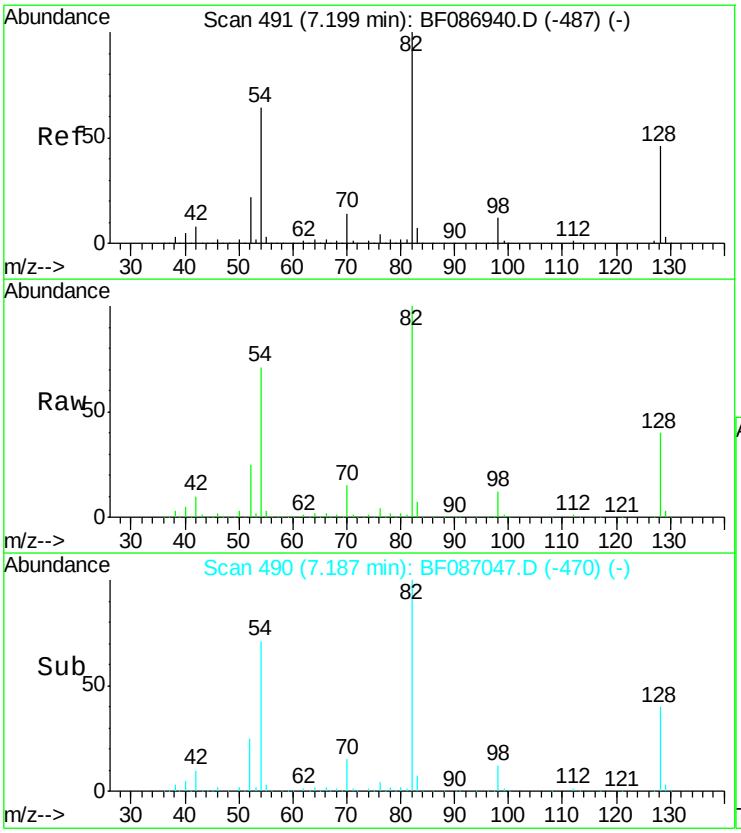
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.09 min
Lab File: BF087047.D
Acq: 15 May 2016 4:24

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:136 Resp: 539374

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	13.5	5.0	7.4#
68	7.1	4.4	6.6#

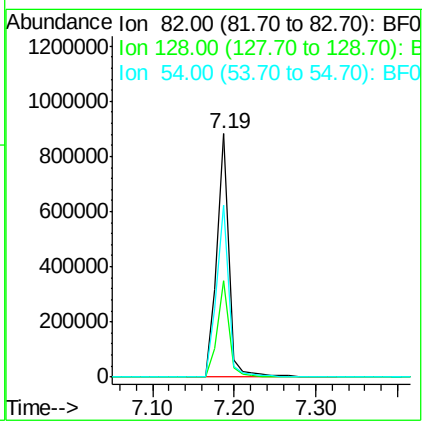


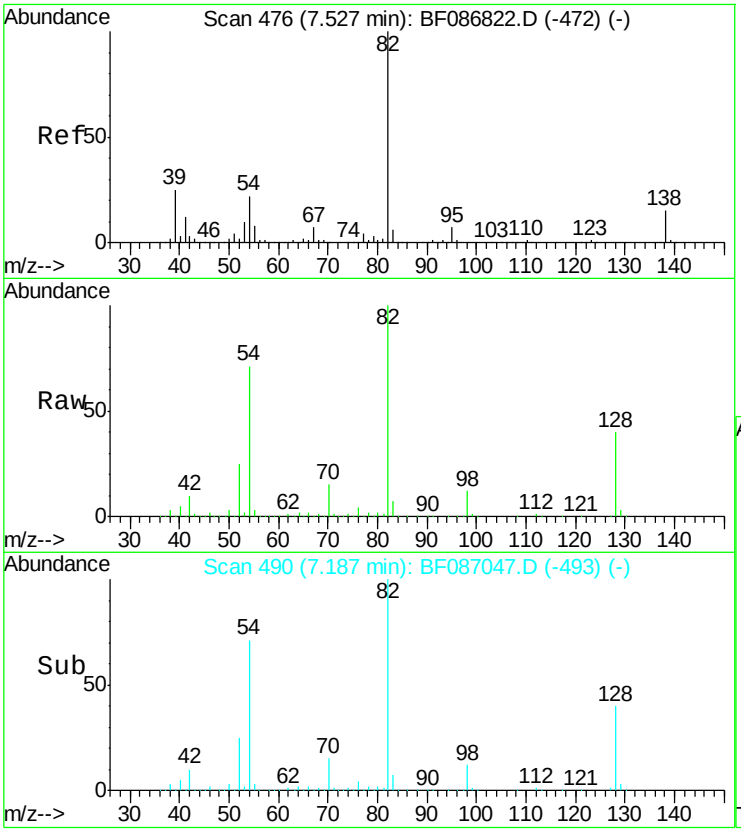


#23
Nitrobenzene-d5
Concen: 85.74 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.08 min
Lab File: BF087047.D
Acq: 15 May 2016 4:24

Tgt Ion: 82 Resp: 920948

Ion	Ratio	Lower	Upper
82	100		
128	39.6	40.6	61.0#
54	70.8	38.1	57.1#



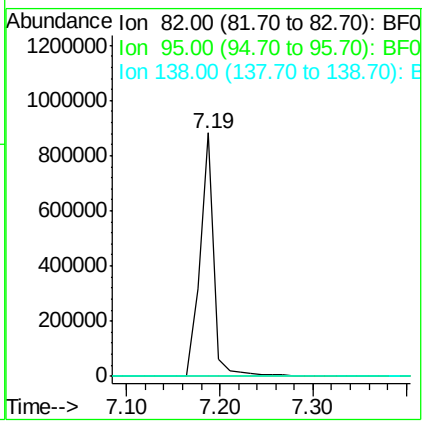


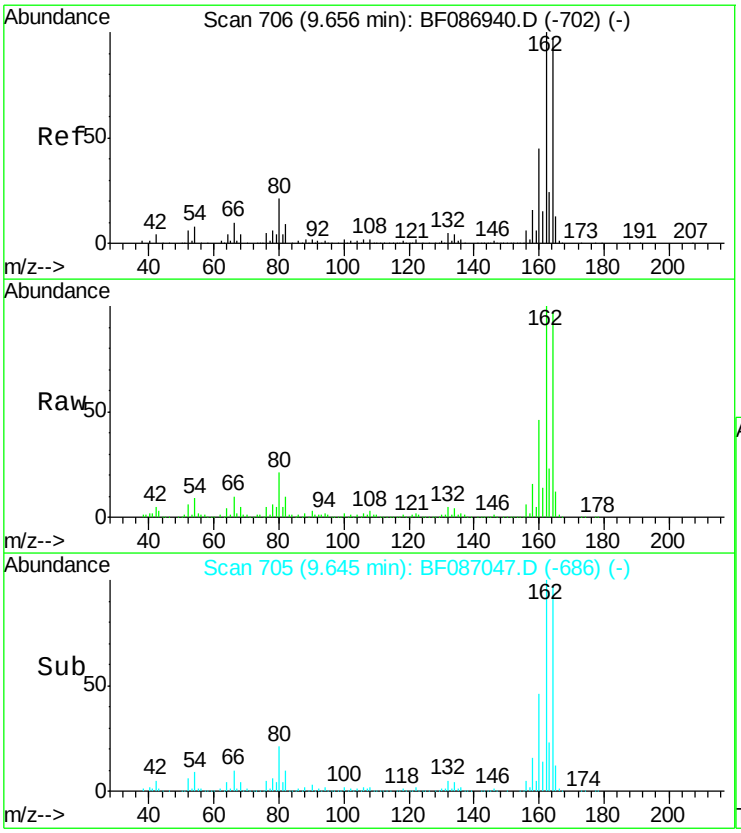
#25
Isophorone
Concen: 44.94 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.34 min
Lab File: BF087047.D
Acq: 15 May 2016 4:24

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion: 82 Resp: 895594

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#

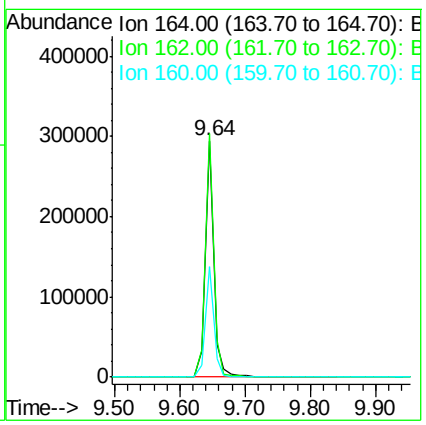


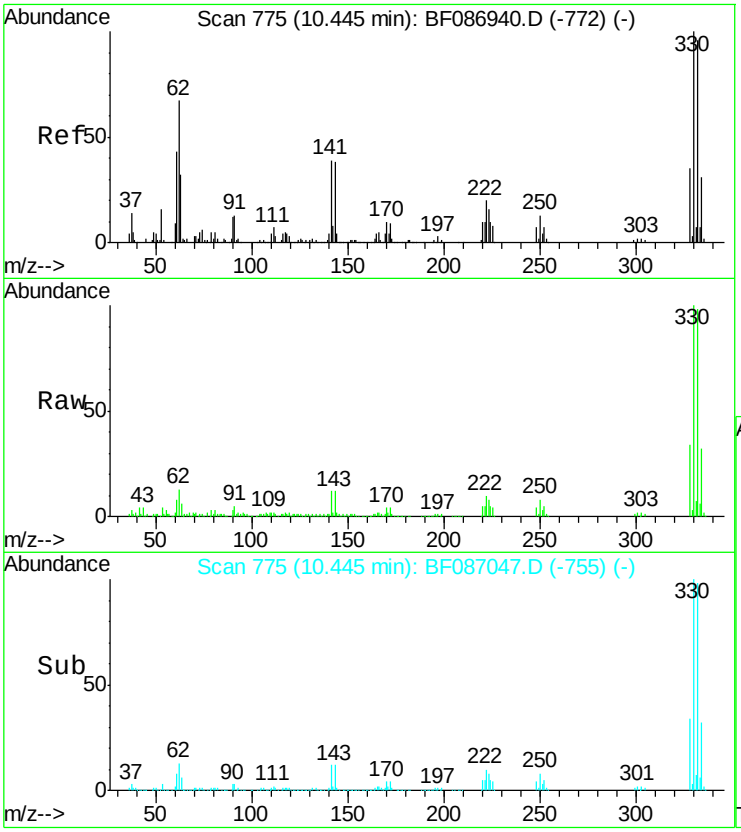


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.09 min
Lab File: BF087047.D
Acq: 15 May 2016 4:24

Tgt Ion:164 Resp: 269229

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.8	124.2
160	47.0	36.9	55.3



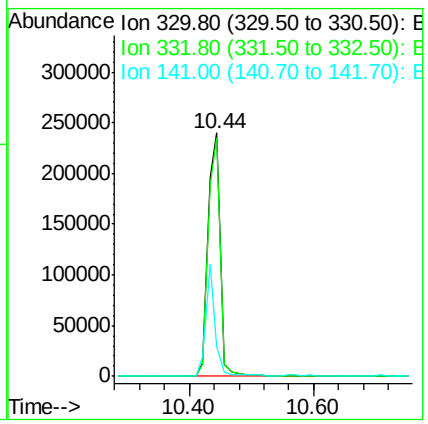


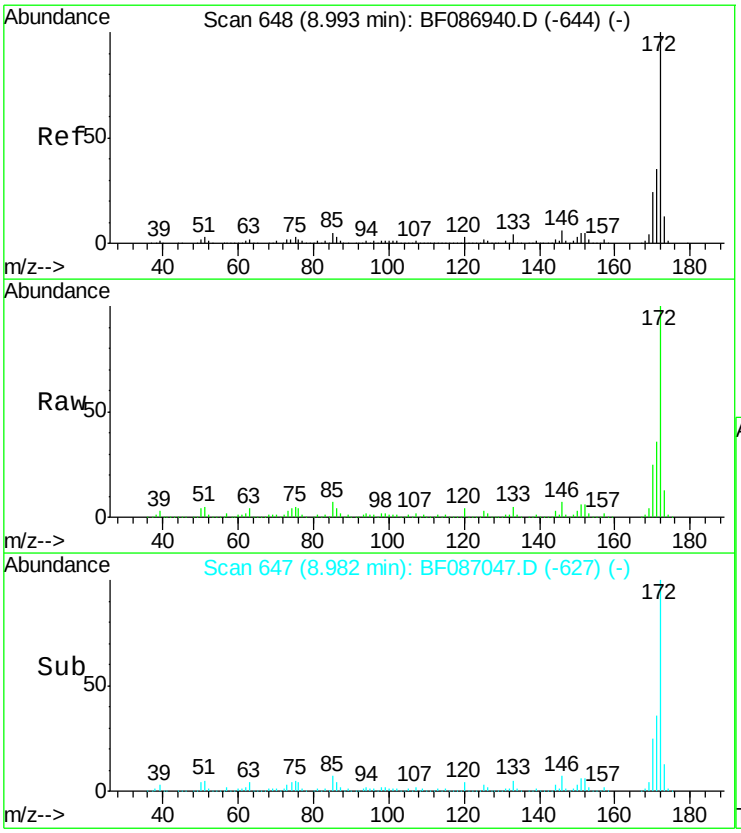
#41
2,4,6-Tribromophenol
Concen: 115.54 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.08 min
Lab File: BF087047.D
Acq: 15 May 2016 4:24

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:330 Resp: 329330

Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.0	118.4
141	34.4	31.2	46.8

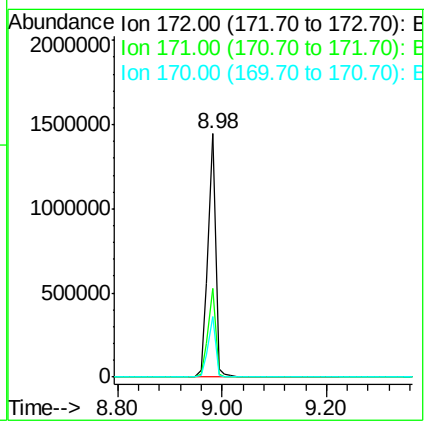


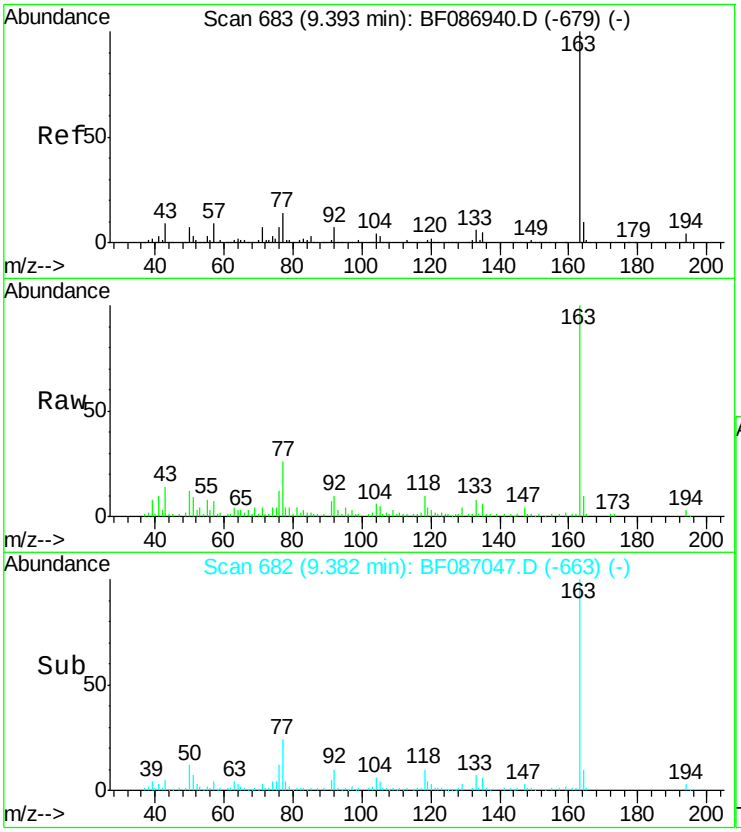


#44
2-Fluorobiphenyl
Concen: 92.21 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.08 min
Lab File: BF087047.D
Acq: 15 May 2016 4:24

Tgt Ion:172 Resp: 1477097

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.8	19.8	29.8



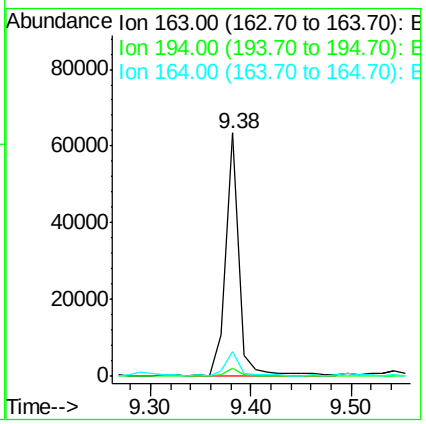


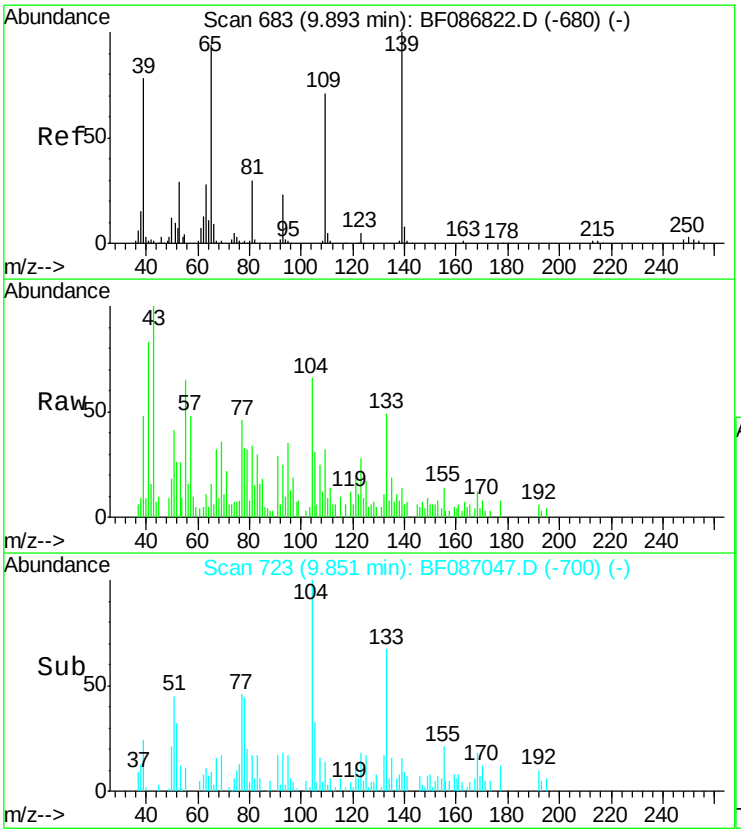
#49
Dimethylphthalate
Concen: 2.89 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.09 min
Lab File: BF087047.D
Acq: 15 May 2016 4:24

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:163 Resp: 59414

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.4	8.2	12.4

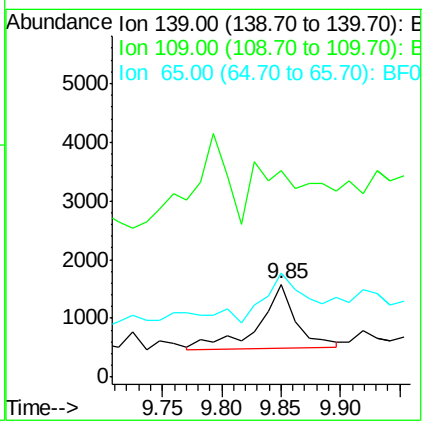


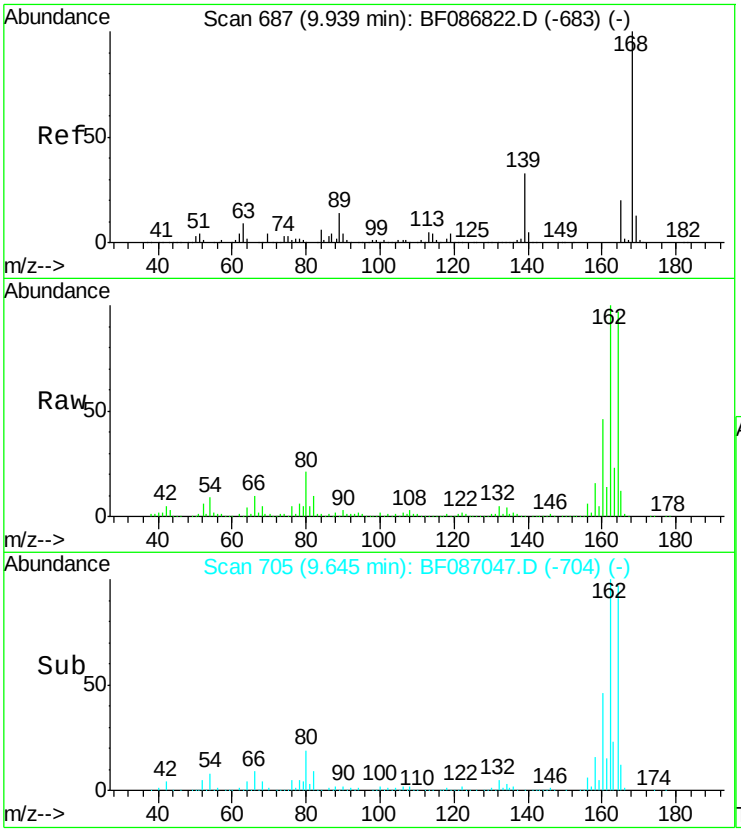


#55
4-Nitrophenol
Concen: 5.32 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.04 min
Lab File: BF087047.D
Acq: 15 May 2016 4:24

Tgt Ion:139 Resp: 2442

Ion	Ratio	Lower	Upper
139	100		
109	221.2	36.9	76.9#
65	111.1	64.0	104.0#



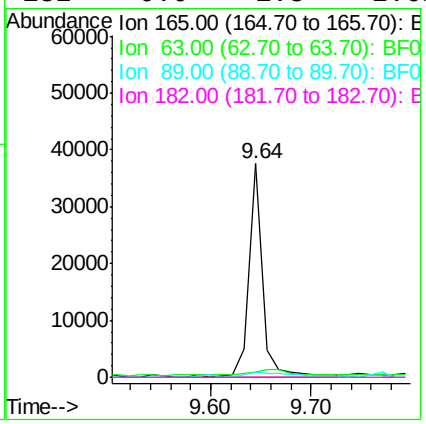


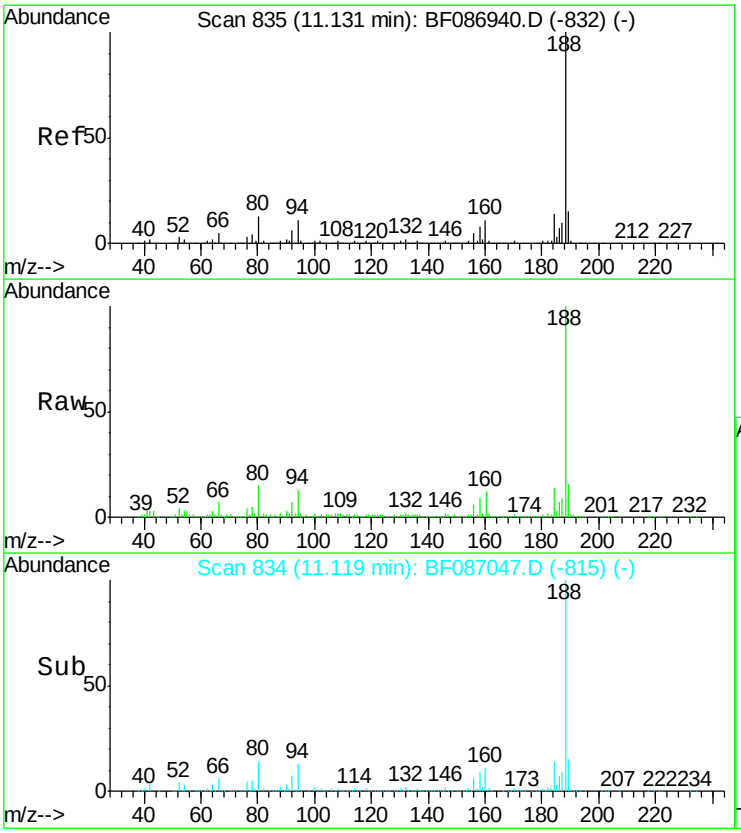
#56
2,4-Dinitrotoluene
Concen: 6.77 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.29 min
Lab File: BF087047.D
Acq: 15 May 2016 4:24

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:165 Resp: 36214

Ion	Ratio	Lower	Upper
165	100		
63	2.6	44.3	66.5#
89	2.6	70.0	105.0#
182	0.0	1.8	2.6#

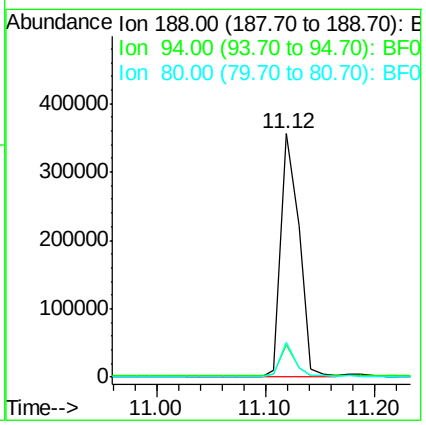


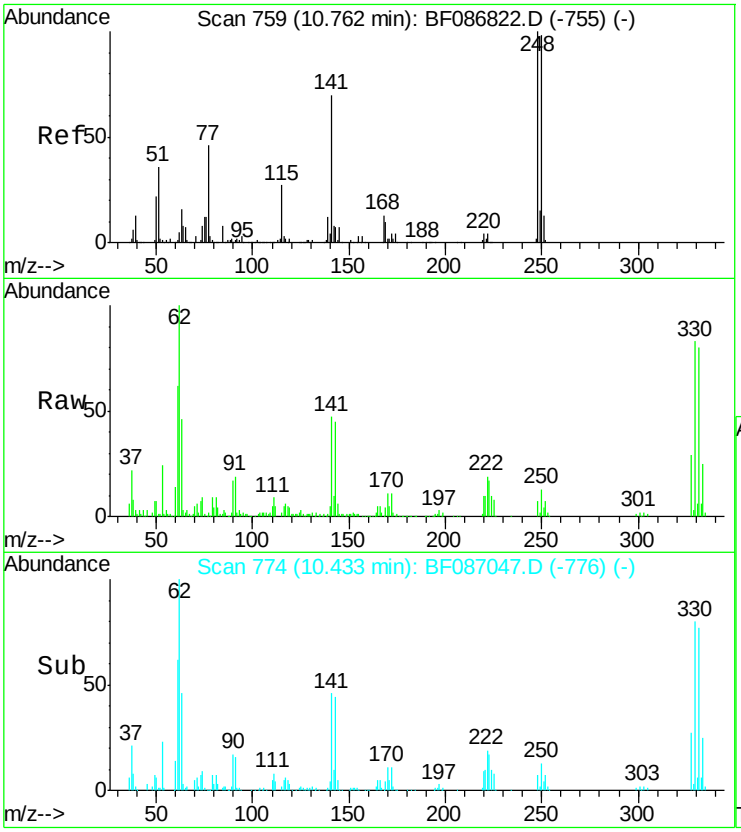


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.09 min
Lab File: BF087047.D
Acq: 15 May 2016 4:24

Tgt Ion:188 Resp: 417667

Ion	Ratio	Lower	Upper
188	100		
94	13.3	6.8	10.2#
80	14.5	7.1	10.7#



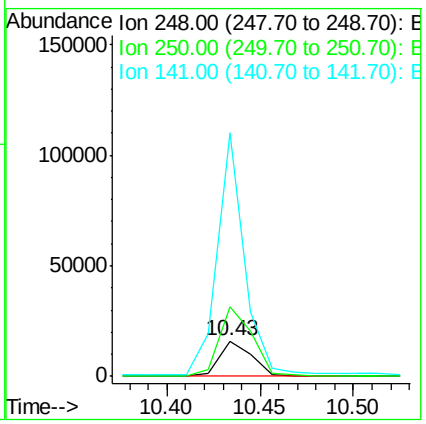


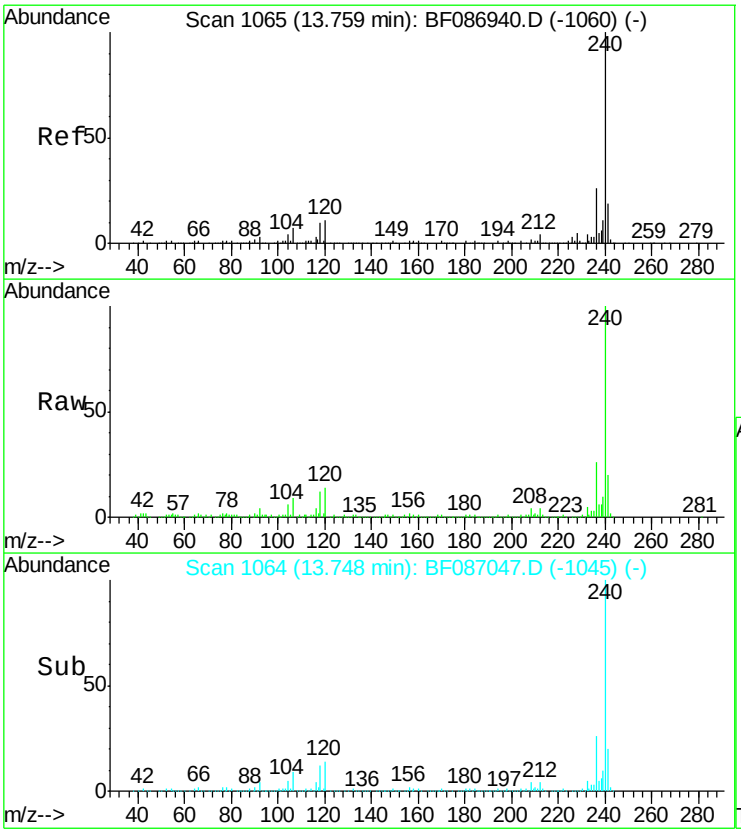
#66
4-Bromophenyl-phenylether
Concen: 4.61 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.33 min
Lab File: BF087047.D
Acq: 15 May 2016 4:24

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:248 Resp: 19518

Ion	Ratio	Lower	Upper
248	100		
250	197.0	78.6	117.8#
141	696.1	76.0	114.0#

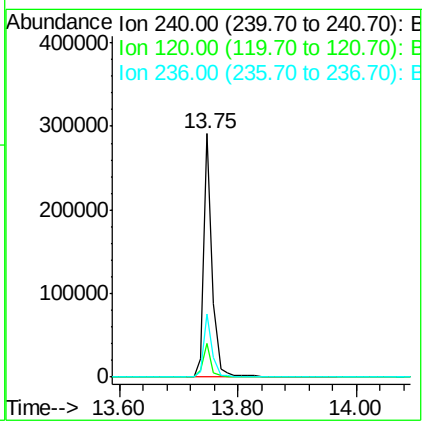


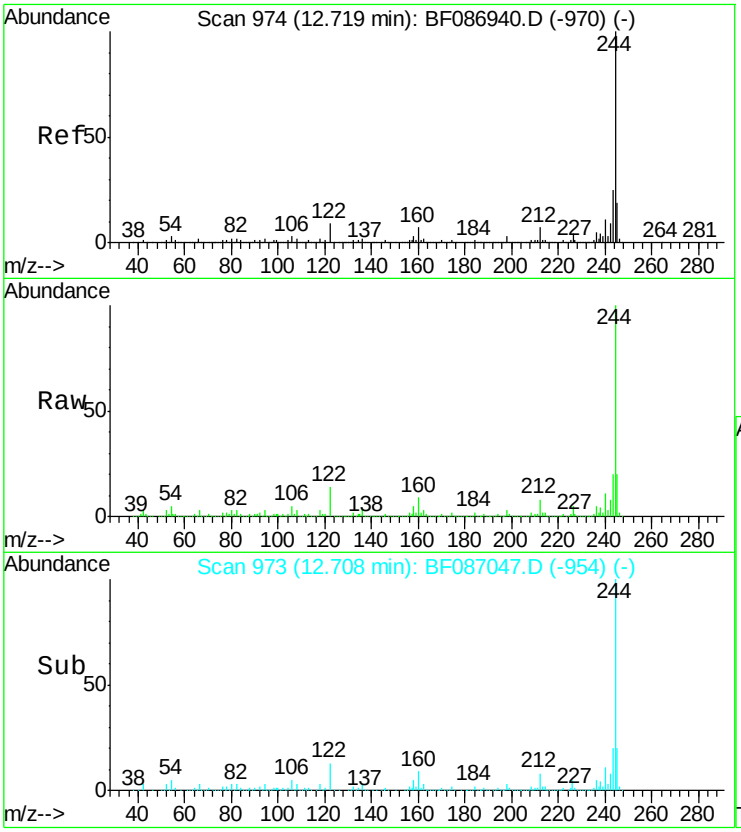


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.09 min
Lab File: BF087047.D
Acq: 15 May 2016 4:24

Tgt Ion:240 Resp: 295593

Ion	Ratio	Lower	Upper
240	100		
120	13.8	11.2	16.8
236	26.0	21.2	31.8



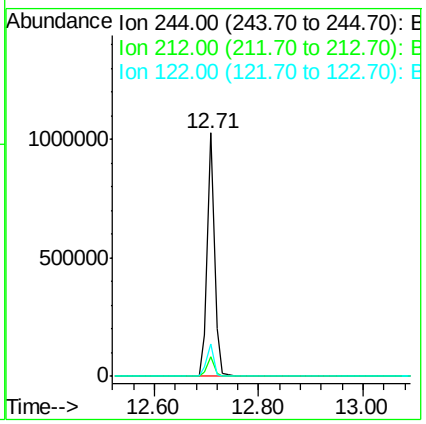


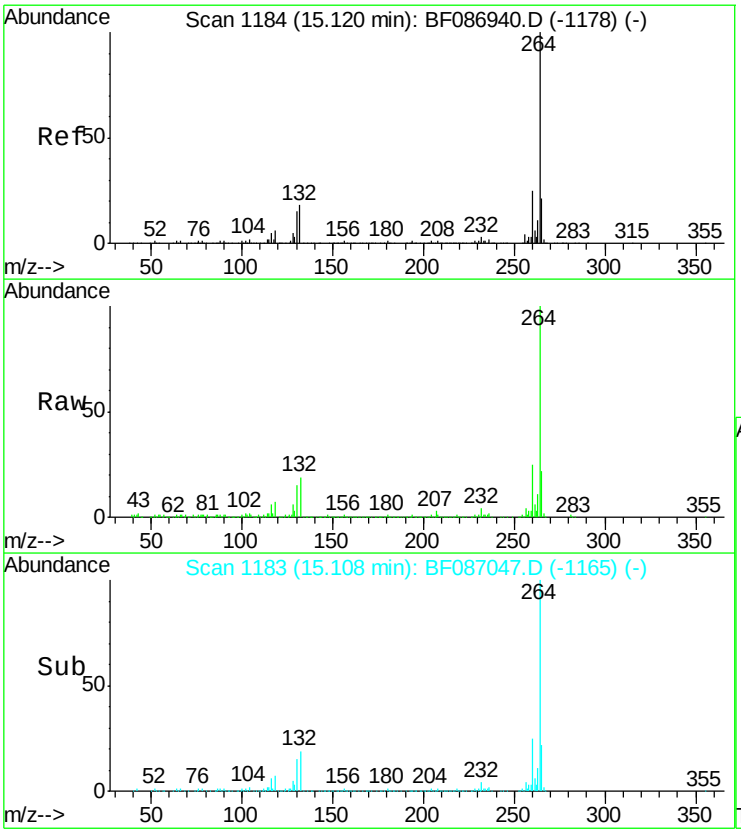
#78
Terphenyl-d14
Concen: 71.06 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.09 min
Lab File: BF087047.D
Acq: 15 May 2016 4:24

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:244 Resp: 989954

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: 15.11 min Scan# 1183
Delta R.T. -0.10 min
Lab File: BF087047.D
Acq: 15 May 2016 4:24

Tgt Ion:264 Resp: 303756

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.7	17.3	25.9