Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
Data File : BF087557.D
Acq On : 30 May 2016 18:47
Operator : UM/SJ
Sample : H3317-12
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Time: May 31 00:41:57 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 16:26:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	99480	20.00	ng	-0.05
21) Naphthalene-d8	9.51	136	395103	20.00	ng	-0.05
38) Acenaphthene-d10	12.33	164	216123	20.00	ng	-0.06
63) Phenanthrene-d10	14.74	188	334481	20.00	ng	-0.03
75) Chrysene-d12	18.46	240	249111	20.00	ng	-0.02
86) Perylene-d12	20.15	264	201905	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	304999	53.87	ng	-0.01
7) Phenol-d6	7.07	99	285195	37.28	ng	0.00
23) Nitrobenzene-d5	8.40	82	712374	90.87	ng	-0.05
41) 2,4,6-Tribromophenol	13.63	330	237689	114.44	ng	-0.05
44) 2-Fluorobiphenyl	11.28	172	1138660	74.28	ng	-0.06
78) Terphenyl-d14	17.09	244	903096	77.07	ng	-0.05
Target Compounds						Qvalue
18) Hexachloroethane	8.36	117	476007	161.40	ng	# 8
25) Isophorone	8.92	82	35568	2.53	ng	# 44
32) Benzoic acid	9.42	122	2442	6.53	ng	# 1
35) Caprolactam	10.28	113	18804	12.17	ng	# 1
37) 2-Methylnaphthalene	10.67	142	57888	4.68	ng	# 93
53) 2,4-Dinitrophenol	12.50	184	2299	7.73	ng	# 1
55) 4-Nitrophenol	12.70	139	16226	9.50	ng	# 78
59) Diethylphthalate	13.12	149	39817	2.37	ng	# 59

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
Data File : BF087557.D
Acq On : 30 May 2016 18:47
Operator : UM/SJ
Sample : H3317-12
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-03

Quant Time: May 31 00:41:57 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
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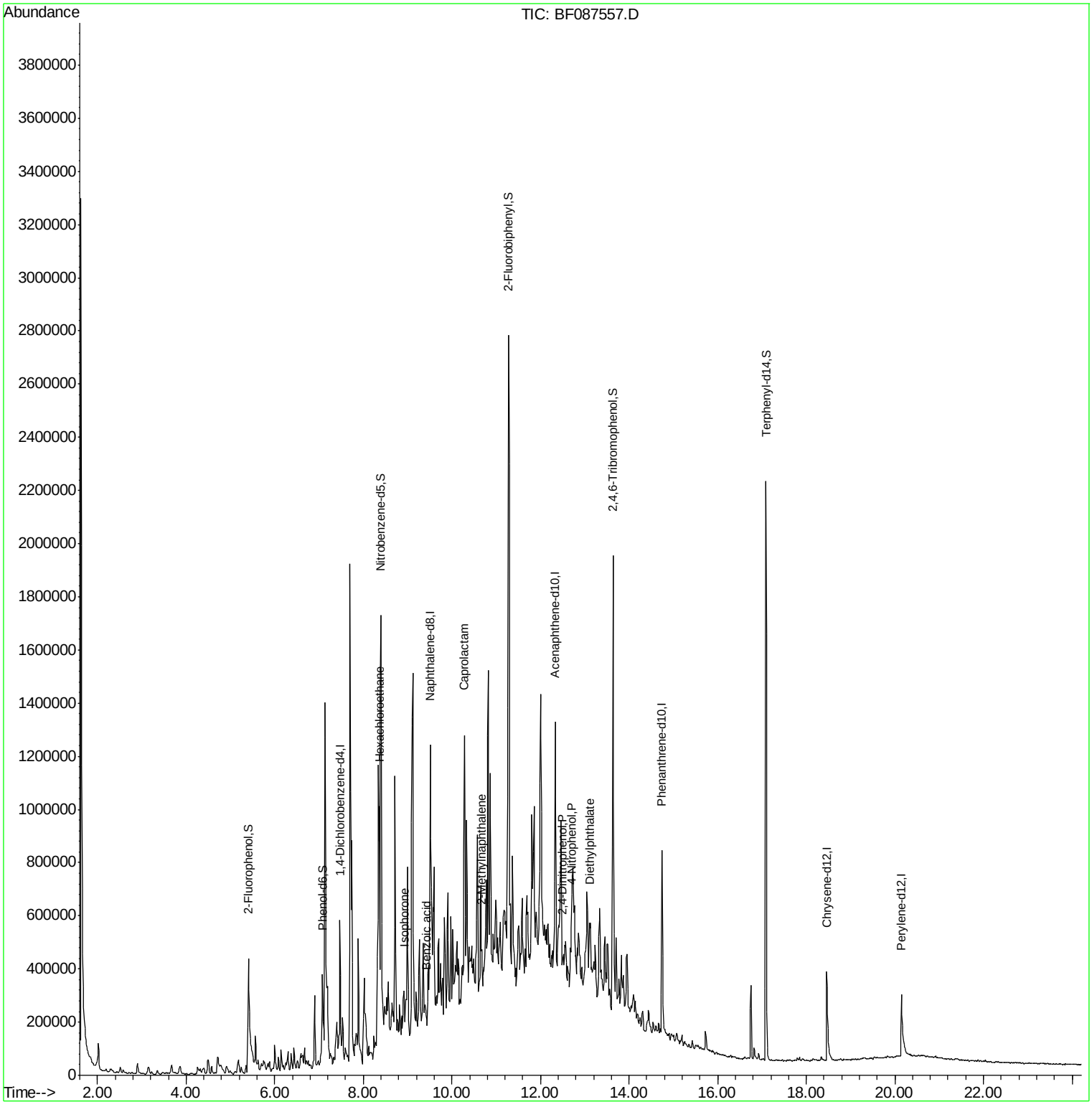
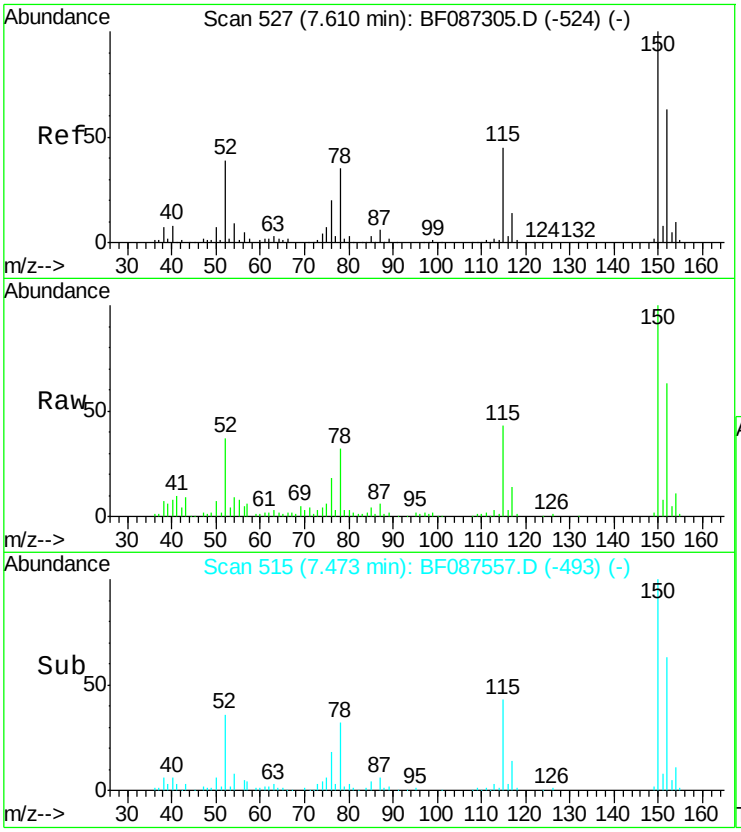


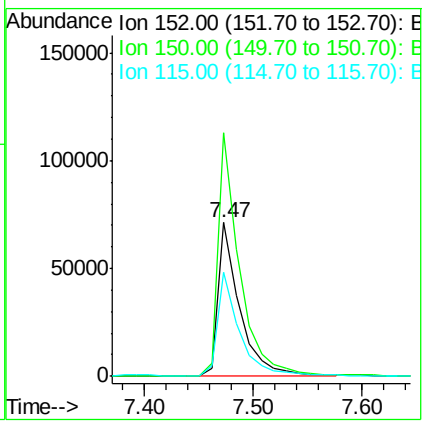


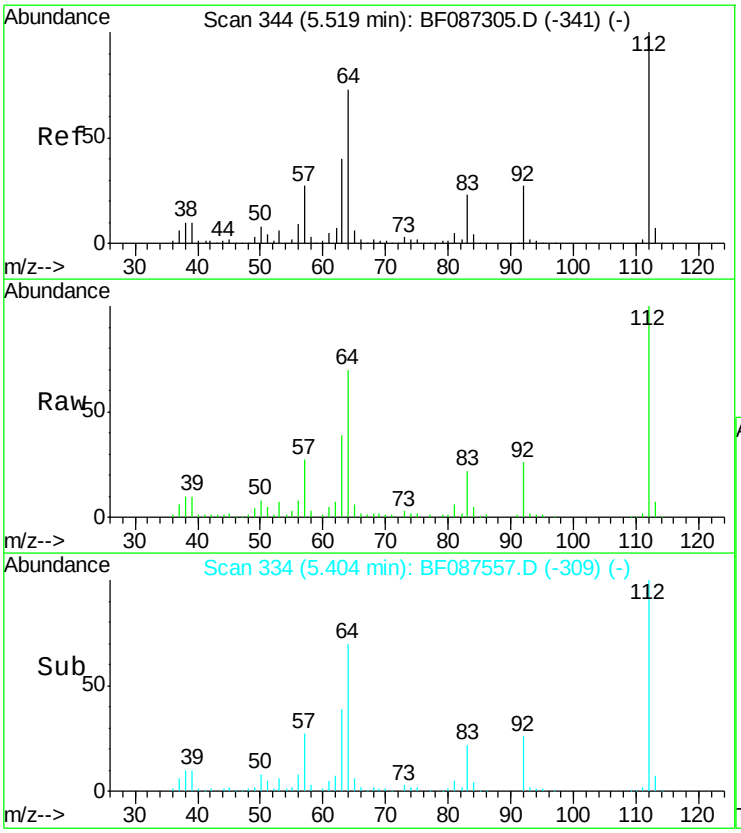
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.05 min
Lab File: BF087557.D
Acq: 30 May 2016 18:47

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion:152 Resp: 99480

Ion	Ratio	Lower	Upper
152	100		
150	158.4	125.8	188.6
115	68.0	51.5	77.3

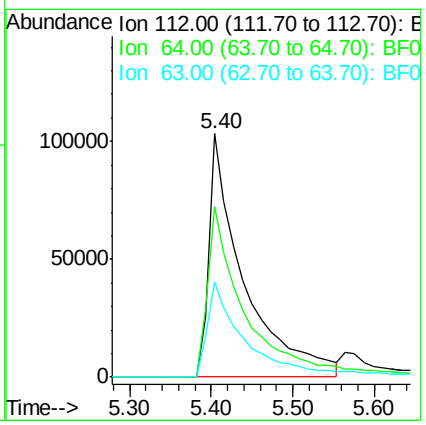


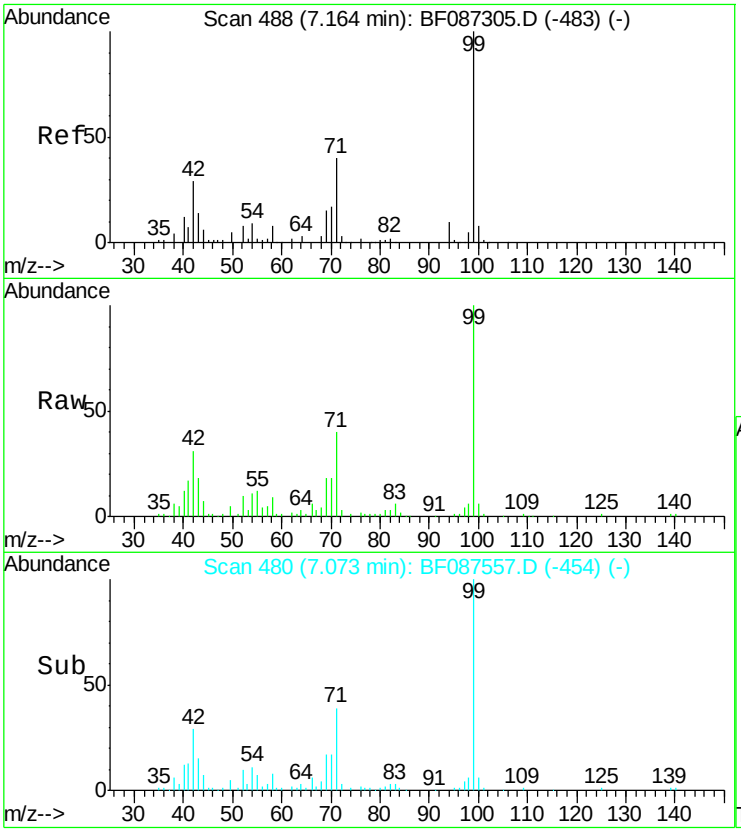


#5
2-Fluorophenol
Concen: 53.87 ng
RT: 5.40 min Scan# 334
Delta R.T. -0.01 min
Lab File: BF087557.D
Acq: 30 May 2016 18:47

Tgt Ion:112 Resp: 304999

Ion	Ratio	Lower	Upper
112	100		
64	70.0	52.1	78.1
63	39.3	25.7	38.5#



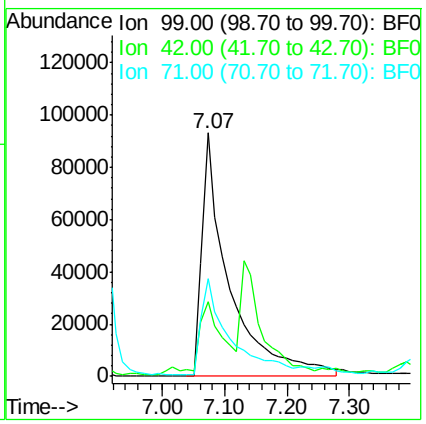


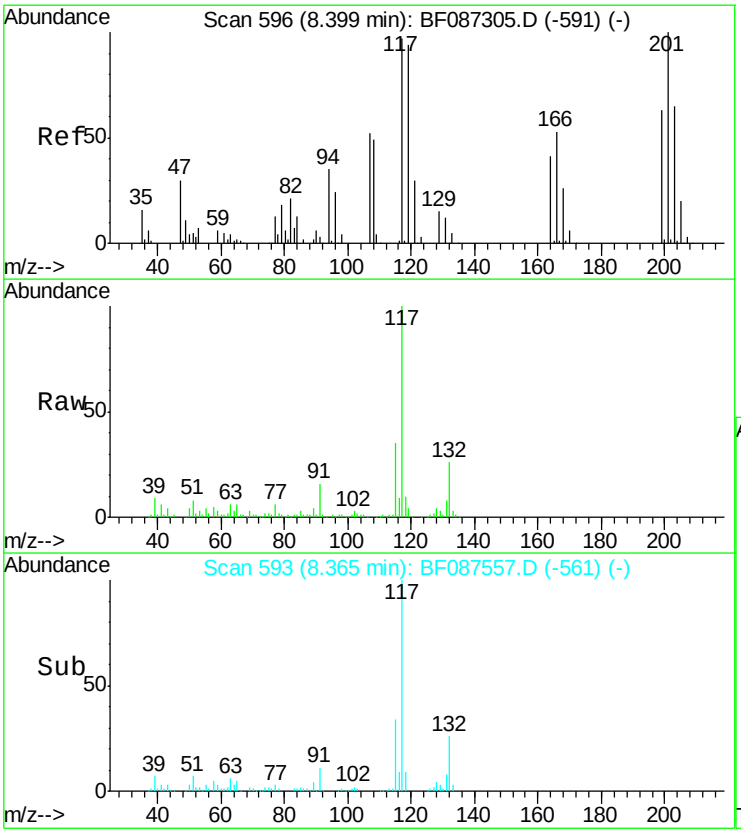
#7
Phenol-d6
Concen: 37.28 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF087557.D
Acq: 30 May 2016 18:47

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion: 99 Resp: 285195

Ion	Ratio	Lower	Upper
99	100		
42	30.7	13.6	20.4#
71	40.1	24.6	36.8#

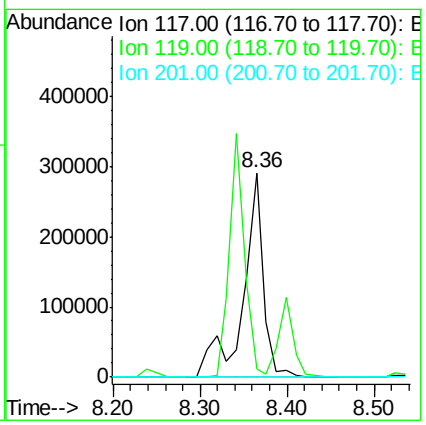


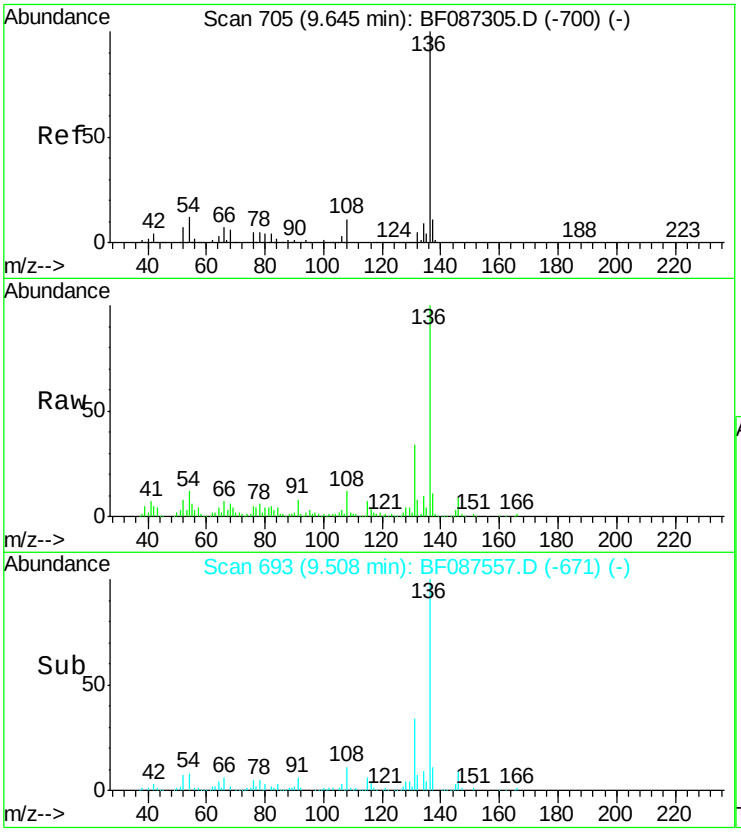


#18
Hexachloroethane
Concen: 161.40 ng
RT: 8.36 min Scan# 593
Delta R.T. 0.07 min
Lab File: BF087557.D
Acq: 30 May 2016 18:47

Tgt Ion:117 Resp: 476007

Ion	Ratio	Lower	Upper
117	100		
119	4.0	76.5	114.7#
201	0.0	63.0	94.6#



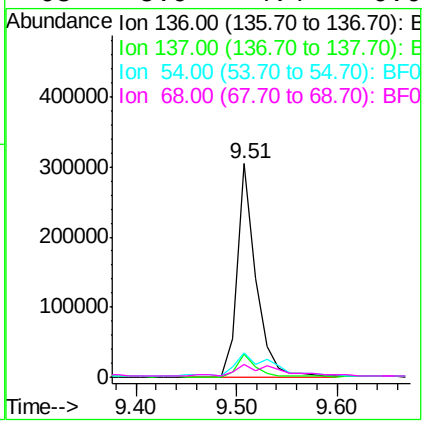


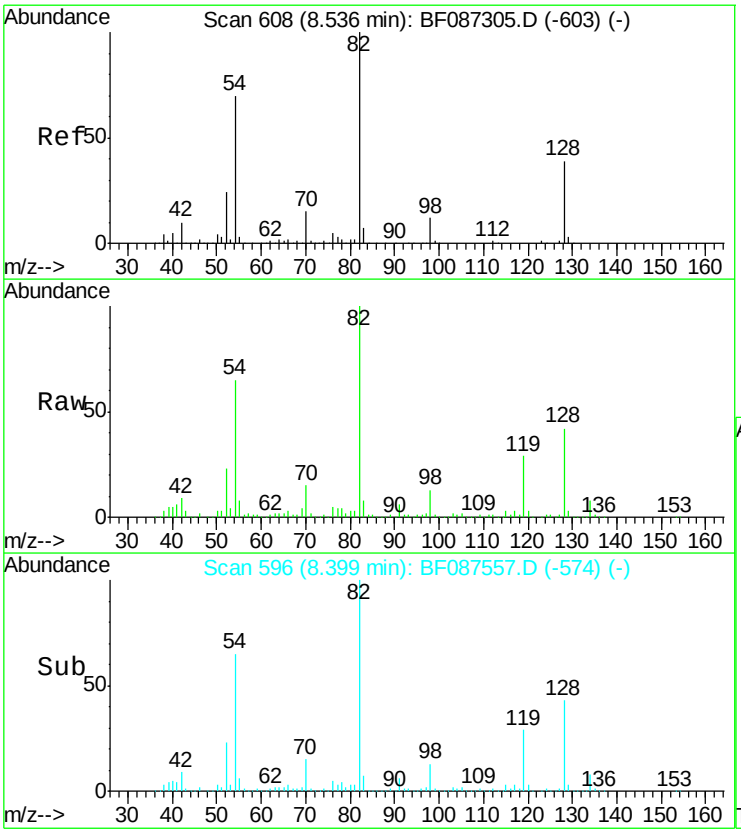
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.05 min
Lab File: BF087557.D
Acq: 30 May 2016 18:47

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion:136 Resp: 395103

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	11.5	5.0	7.4#
68	5.9	4.4	6.6

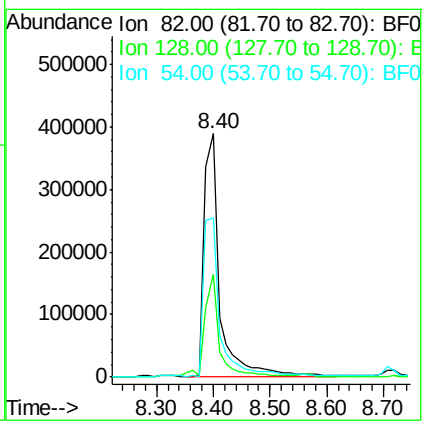


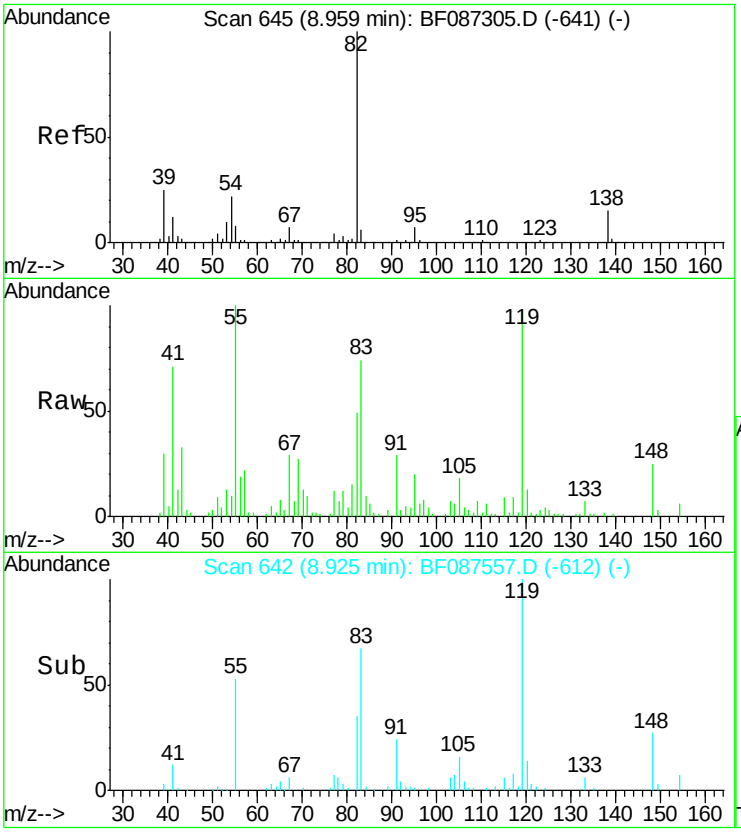


#23
Nitrobenzene-d5
Concen: 90.87 ng
RT: 8.40 min Scan# 596
Delta R.T. -0.05 min
Lab File: BF087557.D
Acq: 30 May 2016 18:47

Tgt Ion: 82 Resp: 712374

Ion	Ratio	Lower	Upper
82	100		
128	42.4	40.6	61.0
54	65.4	38.1	57.1#



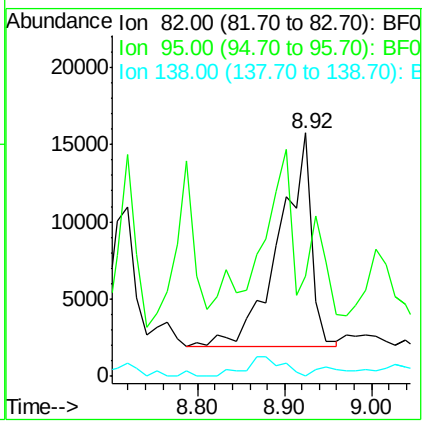


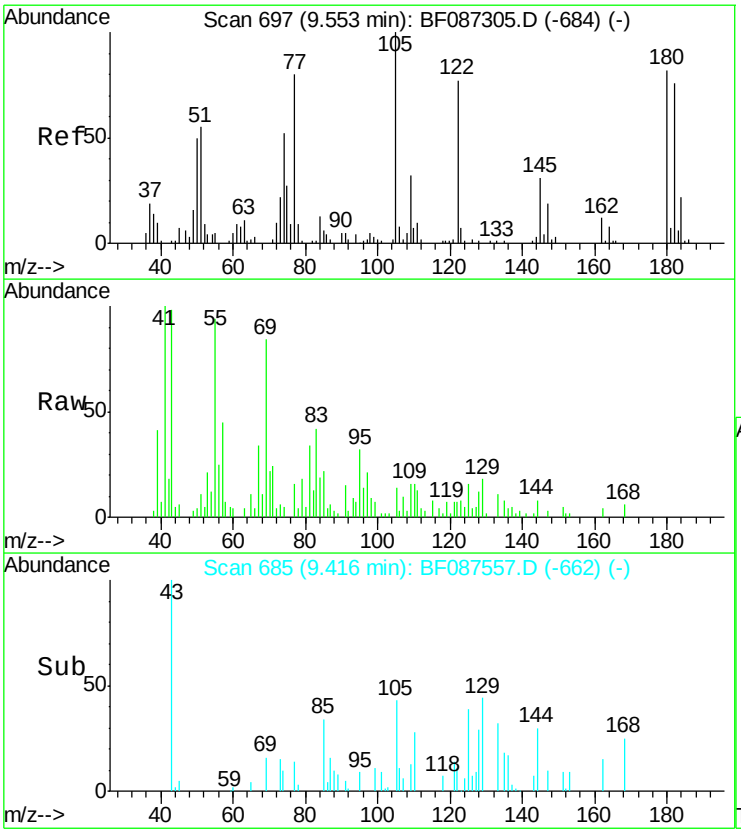
#25
Isophorone
Concen: 2.53 ng
RT: 8.92 min Scan# 642
Delta R.T. 0.05 min
Lab File: BF087557.D
Acq: 30 May 2016 18:47

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion: 82 Resp: 35568

Ion	Ratio	Lower	Upper
82	100		
95	41.1	5.1	7.7#
138	0.0	12.4	18.6#

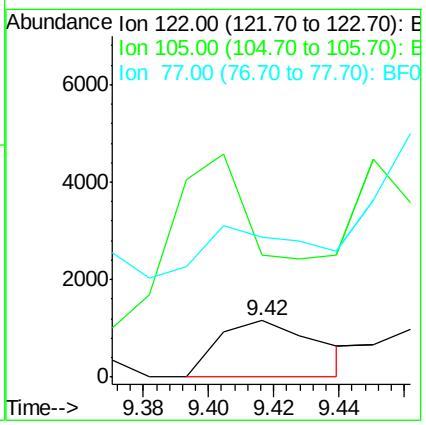


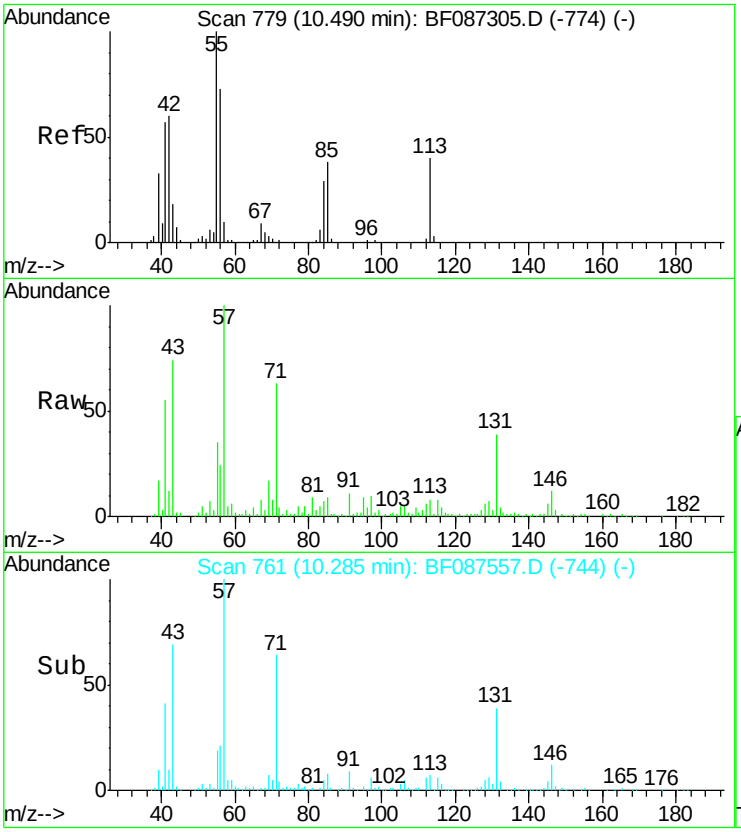


#32
Benzoic acid
Concen: 6.53 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.03 min
Lab File: BF087557.D
Acq: 30 May 2016 18:47

Tgt Ion:122 Resp: 2442

Ion	Ratio	Lower	Upper
122	100		
105	216.3	92.6	132.6#
77	247.5	60.0	100.0#



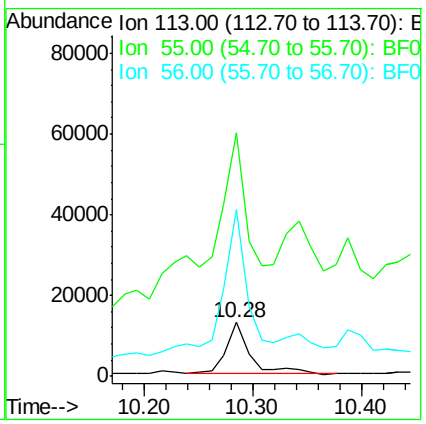


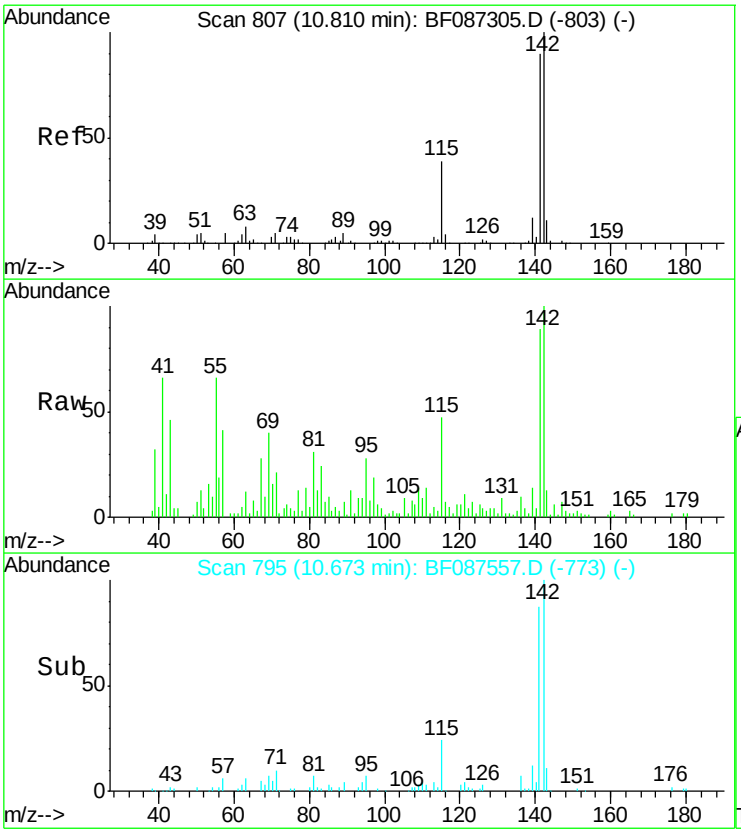
#35
Caprolactam
Concen: 12.17 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.10 min
Lab File: BF087557.D
Acq: 30 May 2016 18:47

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion:113 Resp: 18804

Ion	Ratio	Lower	Upper
113	100		
55	451.2	162.0	202.0#
56	310.2	115.3	155.3#

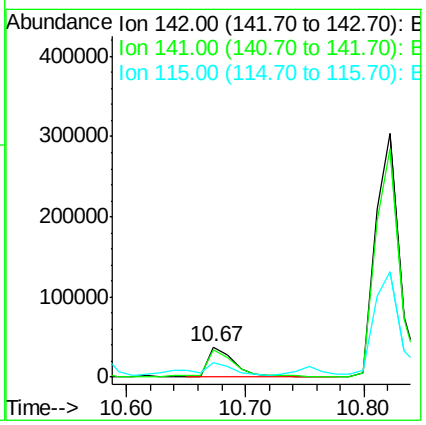


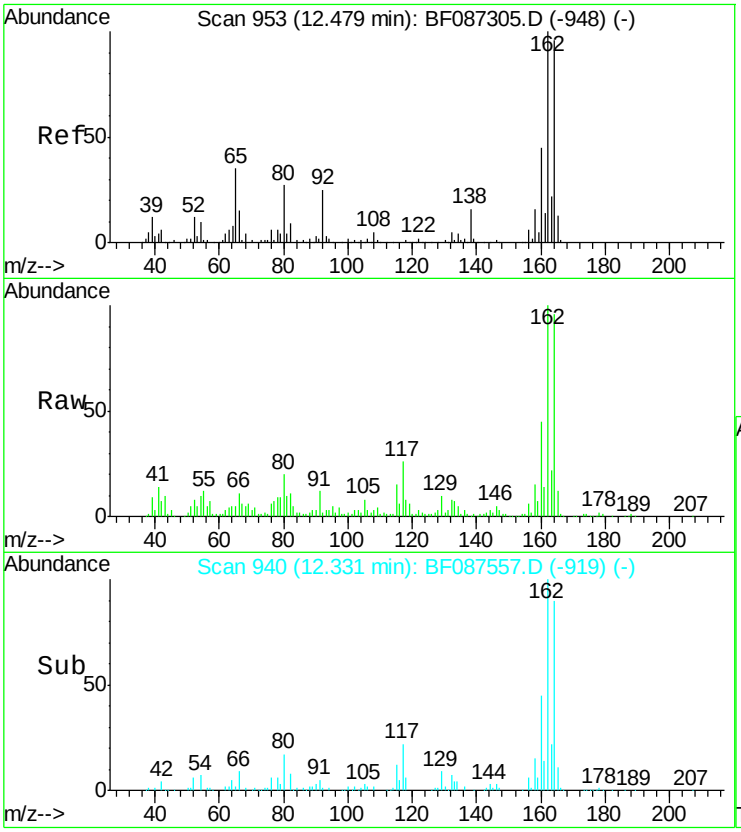


#37
2-Methylnaphthalene
Concen: 4.68 ng
RT: 10.67 min Scan# 795
Delta R.T. -0.05 min
Lab File: BF087557.D
Acq: 30 May 2016 18:47

Tgt Ion:142 Resp: 57888

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.0	106.6
115	46.6	26.6	39.8#



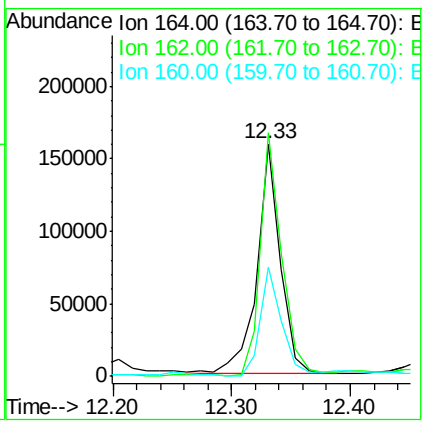


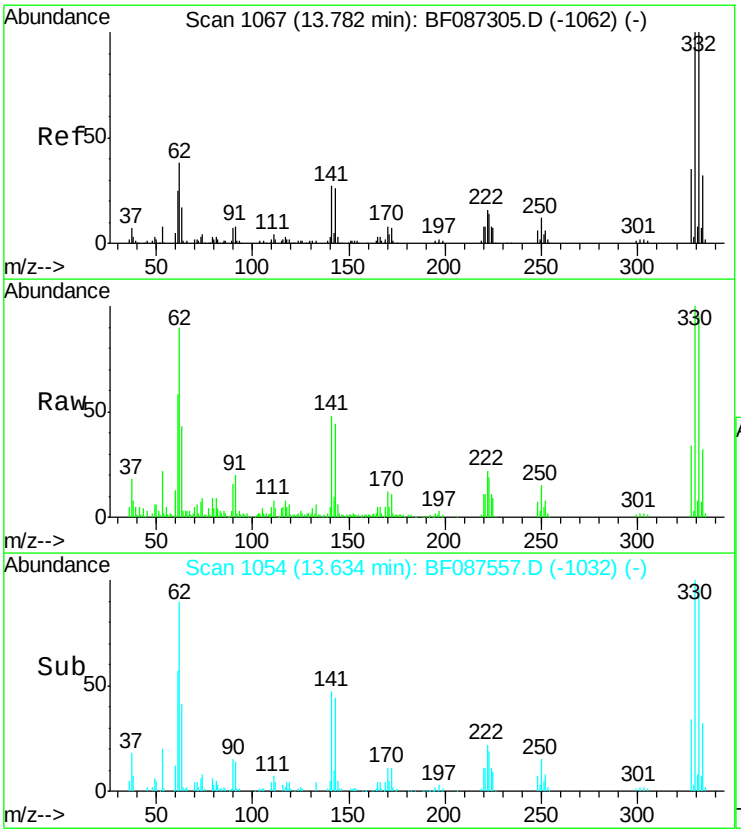
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.33 min Scan# 940
Delta R.T. -0.06 min
Lab File: BF087557.D
Acq: 30 May 2016 18:47

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion:164 Resp: 216123

Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.8	124.2
160	46.9	36.9	55.3

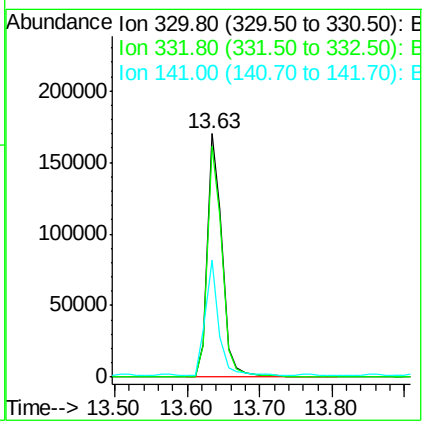


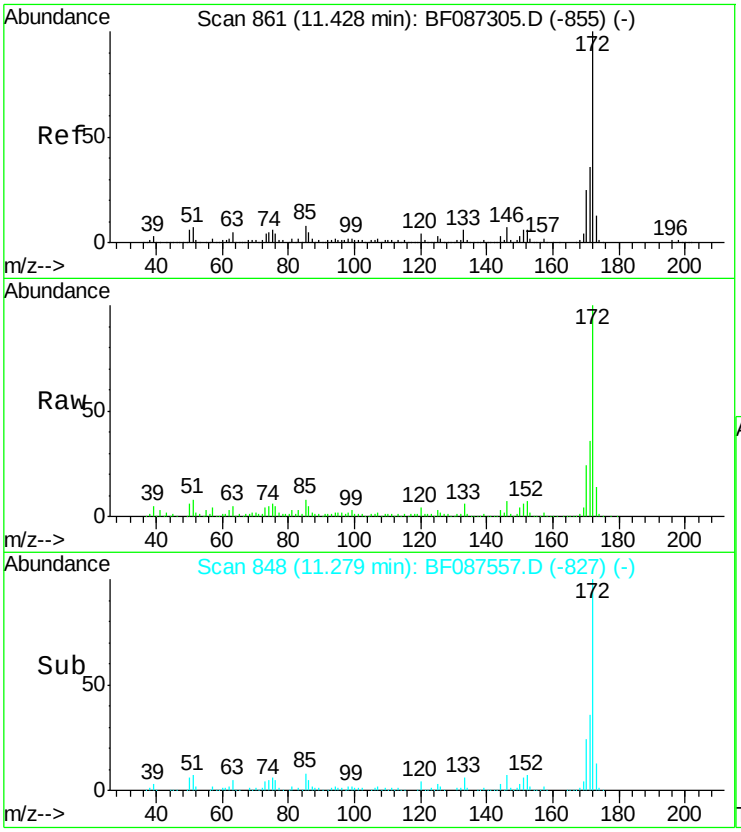


#41
2,4,6-Tribromophenol
Concen: 114.44 ng
RT: 13.63 min Scan# 1054
Delta R.T. -0.05 min
Lab File: BF087557.D
Acq: 30 May 2016 18:47

Tgt Ion:330 Resp: 237689

Ion	Ratio	Lower	Upper
330	100		
332	95.2	79.0	118.4
141	44.1	31.2	46.8



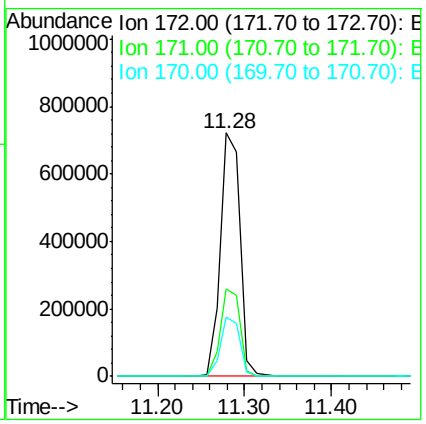


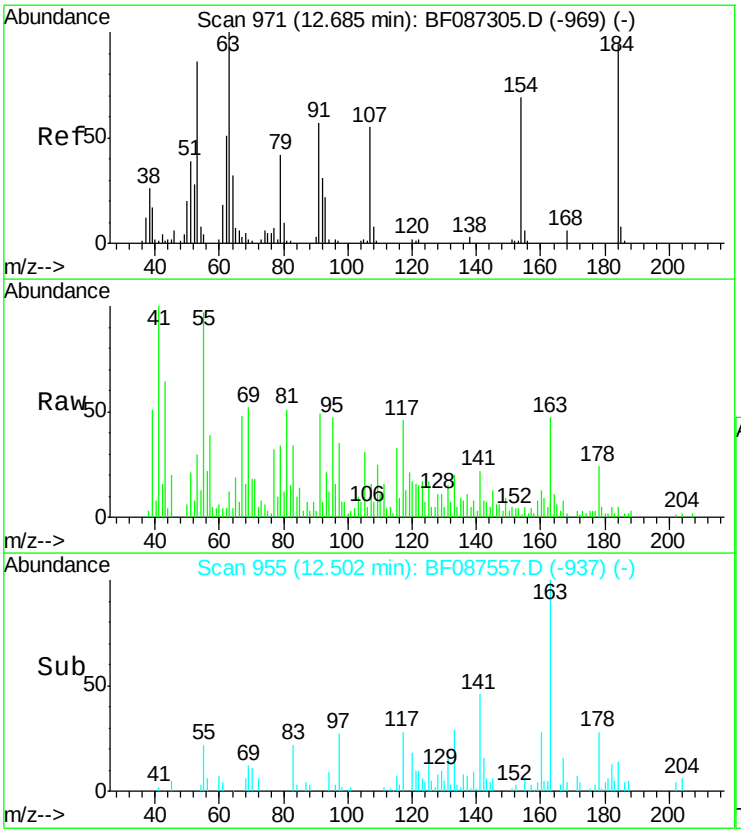
#44
2-Fluorobiphenyl
Concen: 74.28 ng
RT: 11.28 min Scan# 848
Delta R.T. -0.06 min
Lab File: BF087557.D
Acq: 30 May 2016 18:47

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion:172 Resp: 1138660

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.2	19.8	29.8

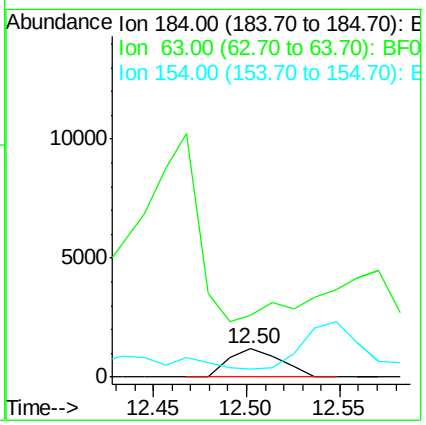


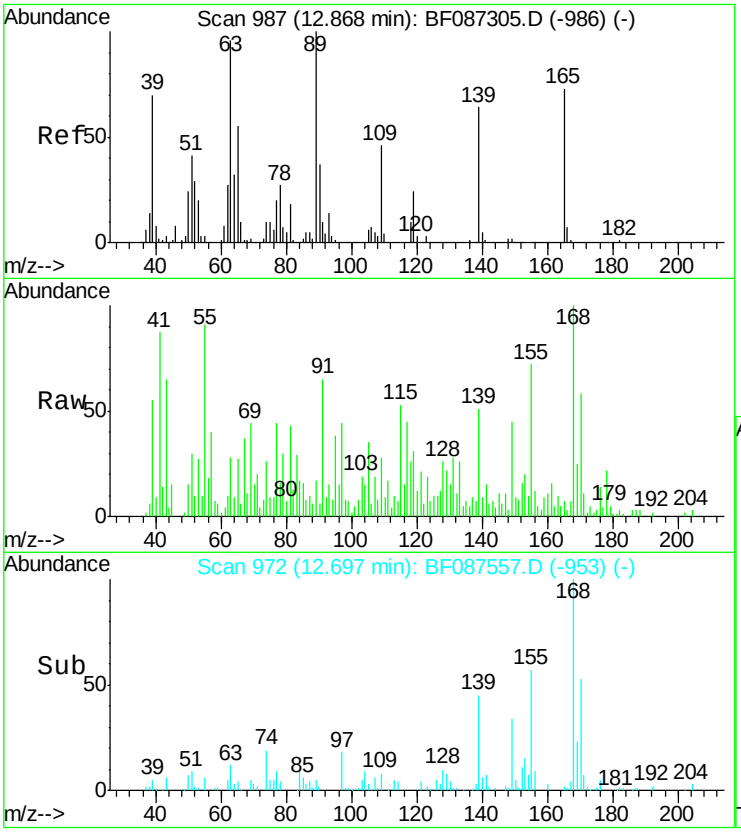


#53
2,4-Dinitrophenol
Concen: 7.73 ng
RT: 12.50 min Scan# 955
Delta R.T. -0.09 min
Lab File: BF087557.D
Acq: 30 May 2016 18:47

Tgt Ion:184 Resp: 2299

Ion	Ratio	Lower	Upper
184	100		
63	220.5	55.8	83.8#
154	28.5	62.4	93.6#



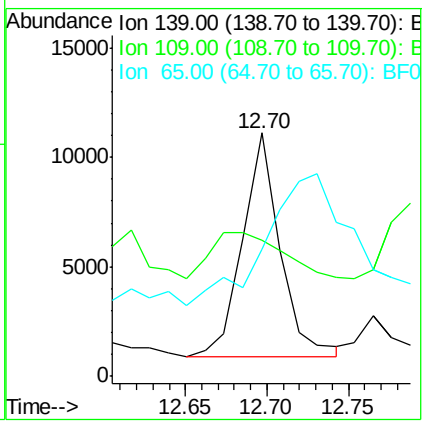


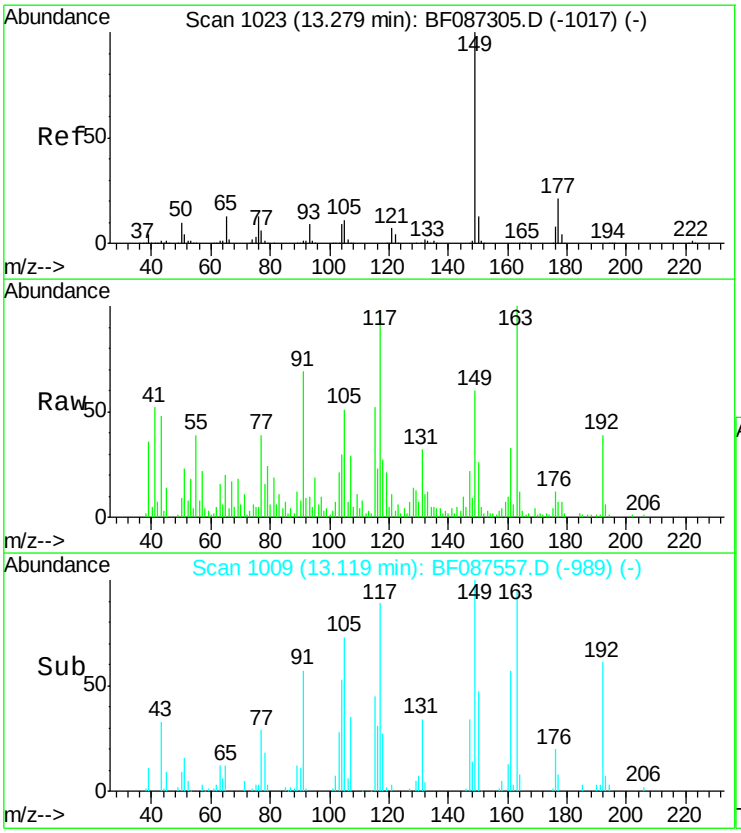
#55
4-Nitrophenol
Concen: 9.50 ng
RT: 12.70 min Scan# 972
Delta R.T. -0.08 min
Lab File: BF087557.D
Acq: 30 May 2016 18:47

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion:139 Resp: 16226

Ion	Ratio	Lower	Upper
139	100		
109	55.7	36.9	76.9
65	52.2	64.0	104.0#

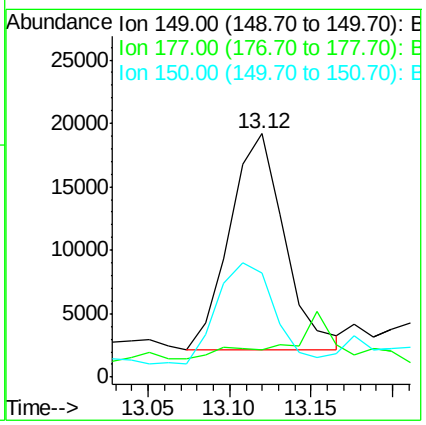


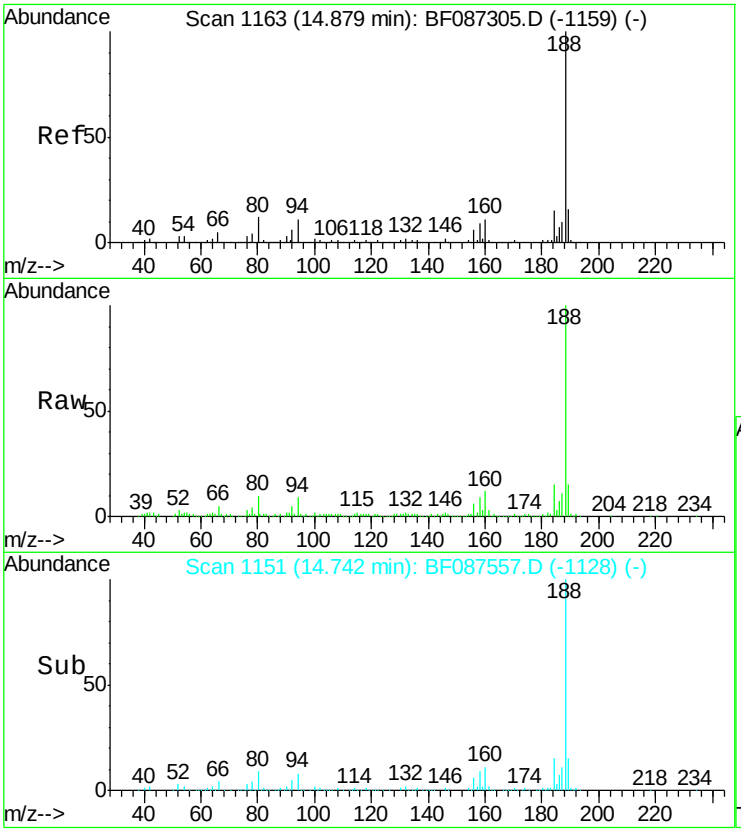


#59
Diethylphthalate
Concen: 2.37 ng
RT: 13.12 min Scan# 1009
Delta R.T. -0.07 min
Lab File: BF087557.D
Acq: 30 May 2016 18:47

Tgt Ion:149 Resp: 39817

Ion	Ratio	Lower	Upper
149	100		
177	11.4	16.6	24.8#
150	42.5	10.0	15.0#



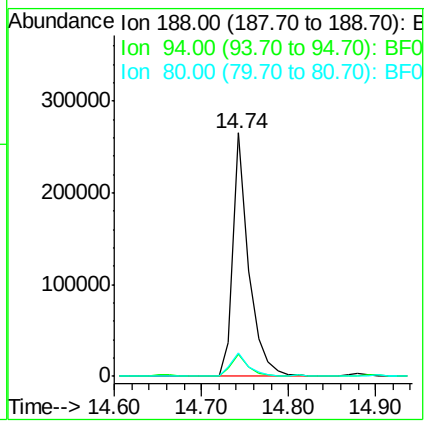


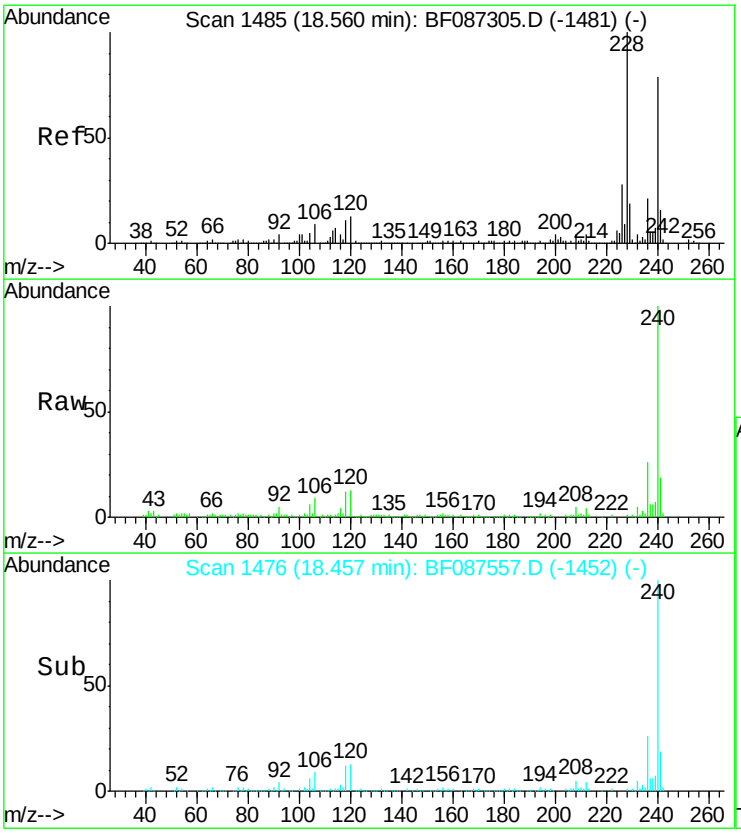
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF087557.D
Acq: 30 May 2016 18:47

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion:188 Resp: 334481

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.8	10.2
80	9.7	7.1	10.7

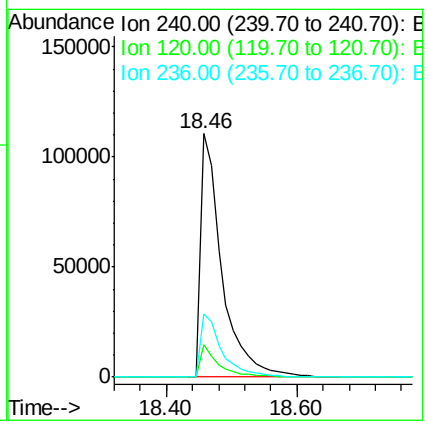


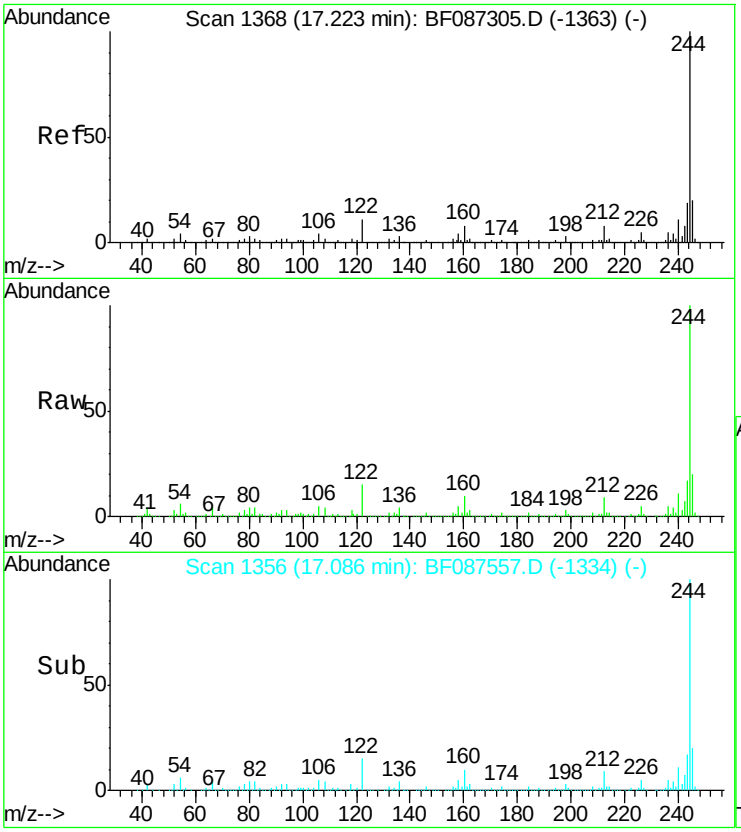


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.46 min Scan# 1476
Delta R.T. -0.02 min
Lab File: BF087557.D
Acq: 30 May 2016 18:47

Tgt Ion:240 Resp: 249111

Ion	Ratio	Lower	Upper
240	100		
120	13.1	11.2	16.8
236	26.2	21.2	31.8



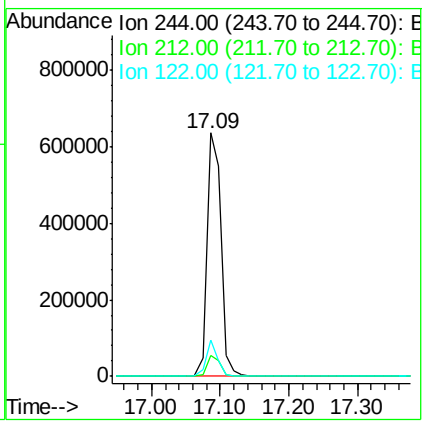


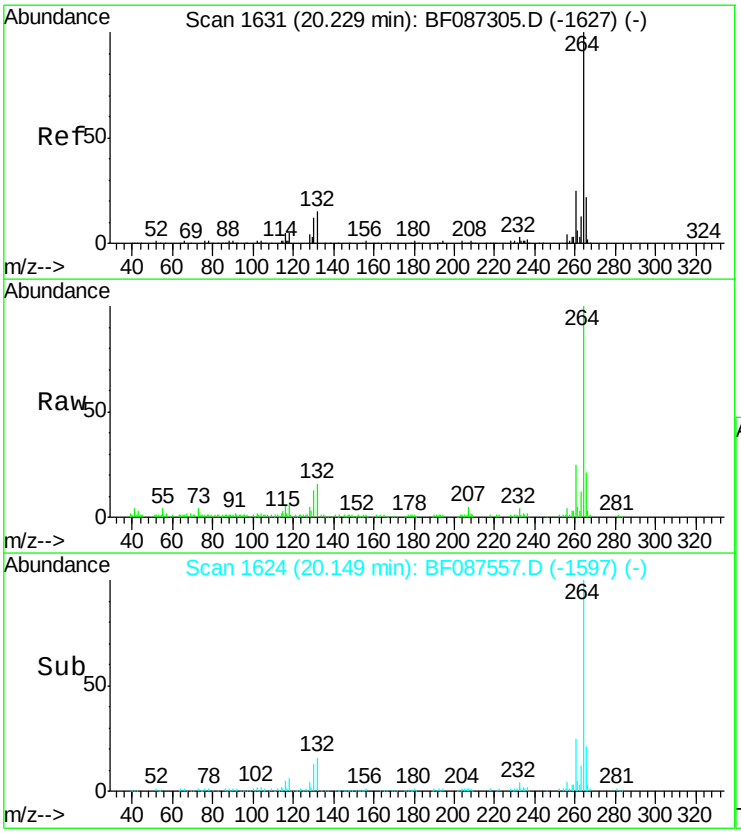
#78
Terphenyl-d14
Concen: 77.07 ng
RT: 17.09 min Scan# 1356
Delta R.T. -0.05 min
Lab File: BF087557.D
Acq: 30 May 2016 18:47

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion:244 Resp: 903096

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.2	9.2
122	14.7	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.15 min Scan# 1624
Delta R.T. 0.01 min
Lab File: BF087557.D
Acq: 30 May 2016 18:47

Tgt Ion:264 Resp: 201905

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.2	17.3	25.9