Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051816\
Data File : BF087155.D
Acq On : 18 May 2016 20:45
Operator : UM/SJ
Sample : H3143-27
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2-AB-AC(0-2)

Quant Time: May 19 03:52:26 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	129082	20.00	ng		-0.02
21) Naphthalene-d8	7.86	136	547841	20.00	ng		-0.03
38) Acenaphthene-d10	9.61	164	265056	20.00	ng		-0.03
63) Phenanthrene-d10	11.08	188	504319	20.00	ng		-0.03
75) Chrysene-d12	13.71	240	413073	20.00	ng		-0.05
86) Perylene-d12	15.06	264	326593	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	755382	98.36	ng		-0.03
7) Phenol-d6	6.24	99	960164	93.22	ng		-0.05
23) Nitrobenzene-d5	7.15	82	704912	64.13	ng		-0.03
41) 2,4,6-Tribromophenol	10.40	330	226616	77.37	ng		-0.05
44) 2-Fluorobiphenyl	8.95	172	1060554	66.27	ng		-0.03
78) Terphenyl-d14	12.67	244	947374	51.88	ng		-0.03
Target Compounds							Qvalue
9) Benzaldehyde	6.35	77	20909	2.75	ng		85
19) n-Nitroso-di-n-propylamine	7.15	70	98423	12.57	ng	#	78
25) Isophorone	7.15	82	525839	26.13	ng	#	68
49) Dimethylphthalate	9.35	163	128668	6.36	ng		99
50) 2,6-Dinitrotoluene	9.61	165	34366	7.83	ng	#	21
56) 2,4-Dinitrotoluene	9.61	165	34366	6.11	ng	#	16
66) 4-Bromophenyl-phenylether	10.40	248	14190	2.74	ng	#	1

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

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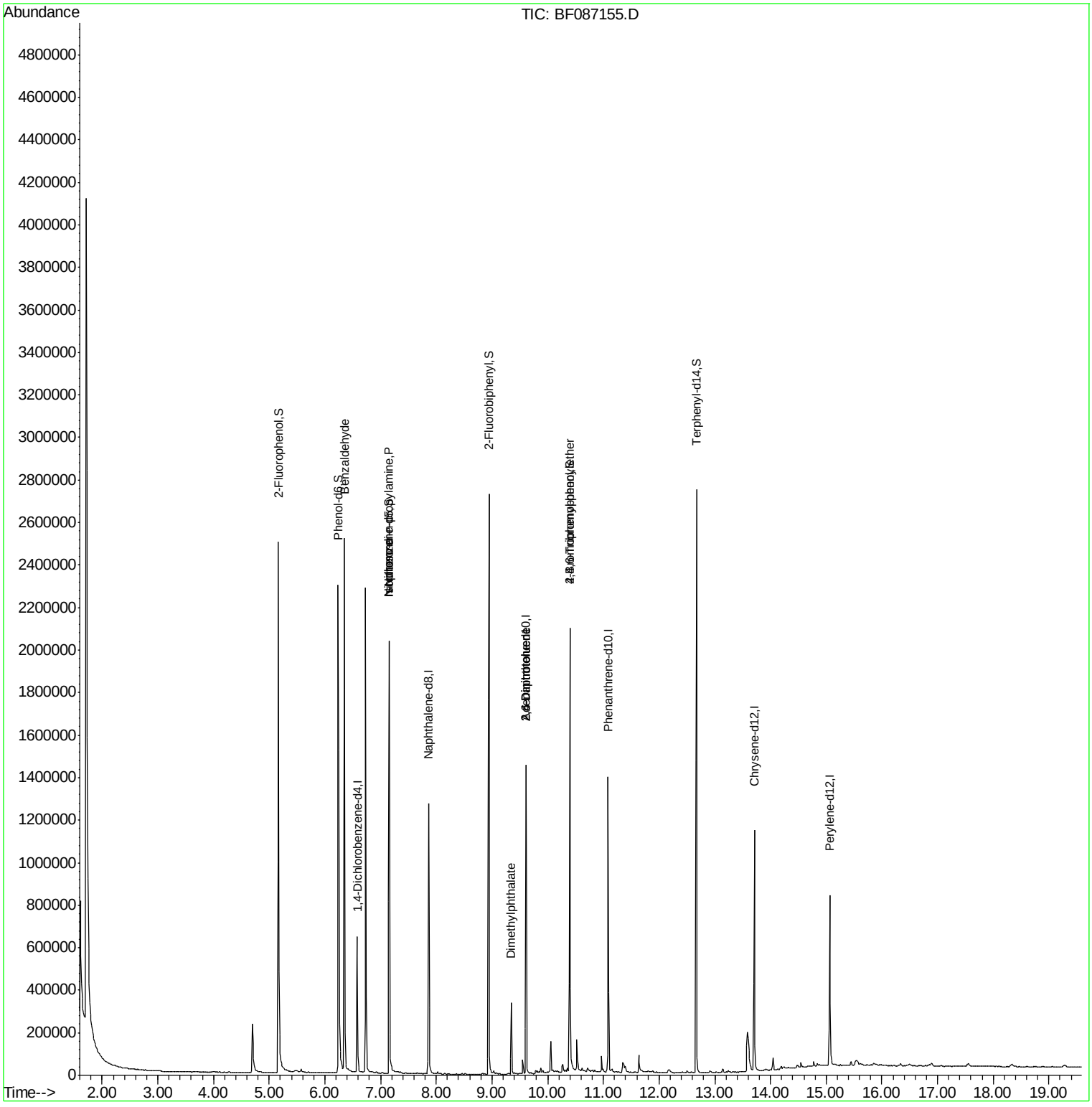
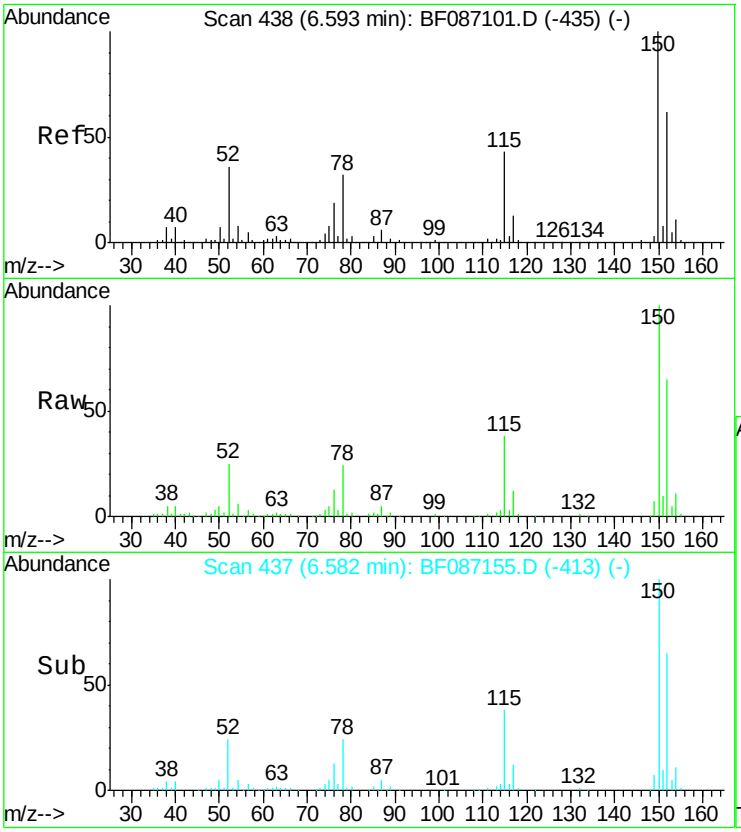


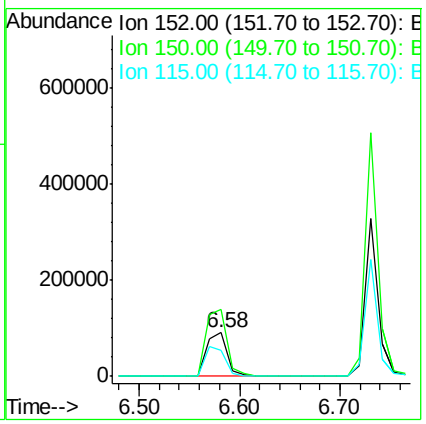


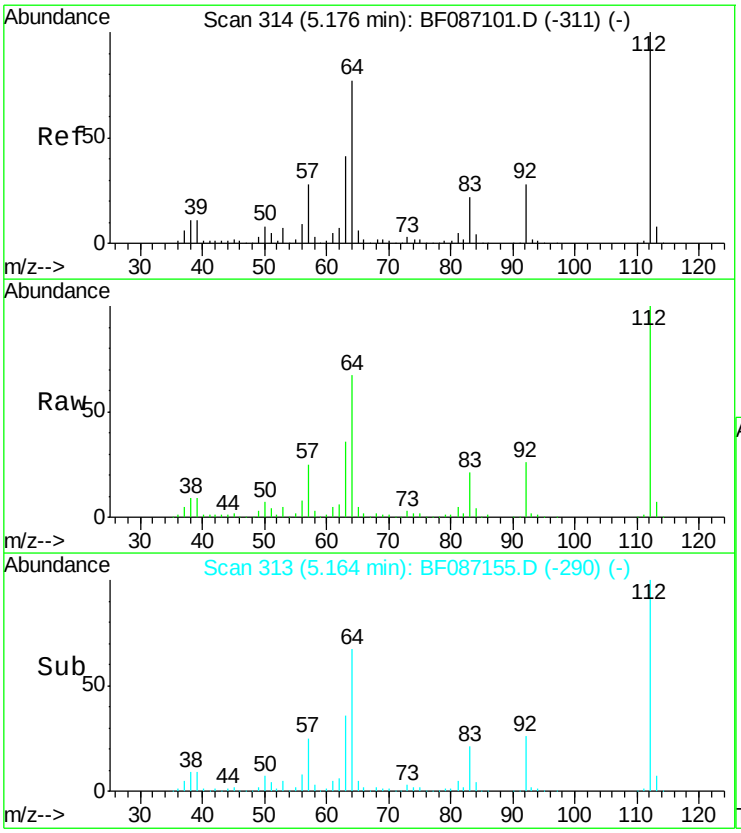
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF087155.D
Acq: 18 May 2016 20:45

Instrument :
BNA_F
ClientSampleId :
2-AB-AC(0-2)

Tgt Ion:152 Resp: 129082

Ion	Ratio	Lower	Upper
152	100		
150	154.8	125.8	188.6
115	58.6	51.5	77.3

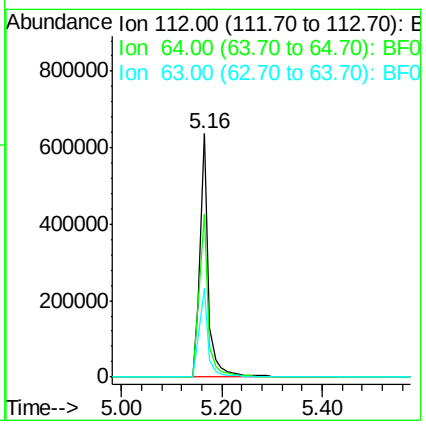


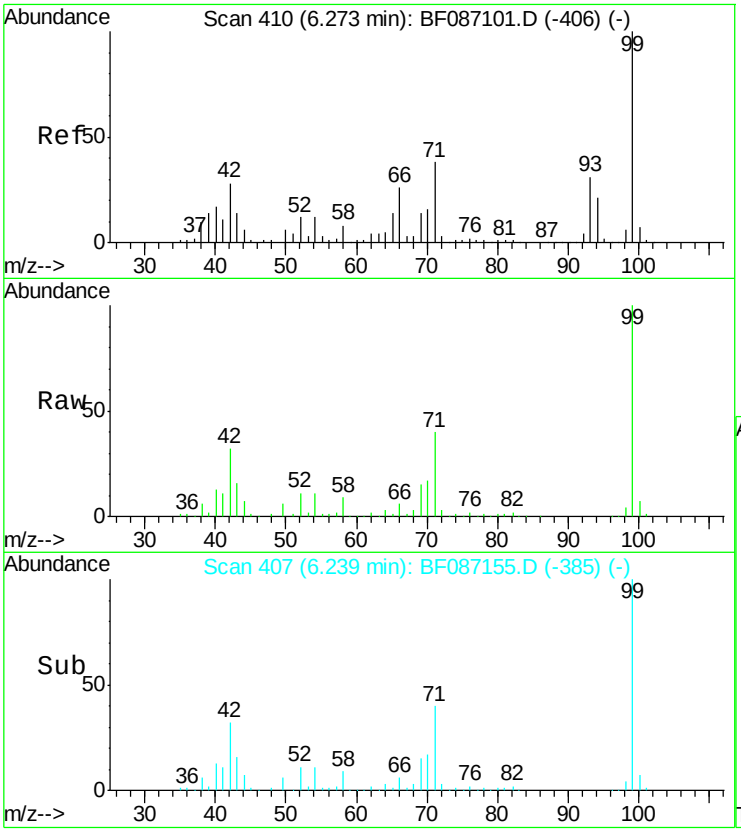


#5
2-Fluorophenol
Concen: 98.36 ng
RT: 5.16 min Scan# 313
Delta R.T. -0.03 min
Lab File: BF087155.D
Acq: 18 May 2016 20:45

Tgt Ion:112 Resp: 755382

Ion	Ratio	Lower	Upper
112	100		
64	67.2	52.1	78.1
63	36.5	25.7	38.5



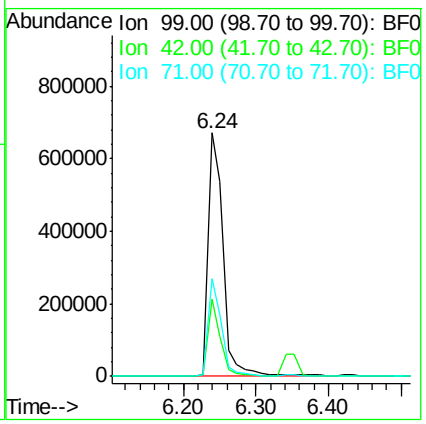


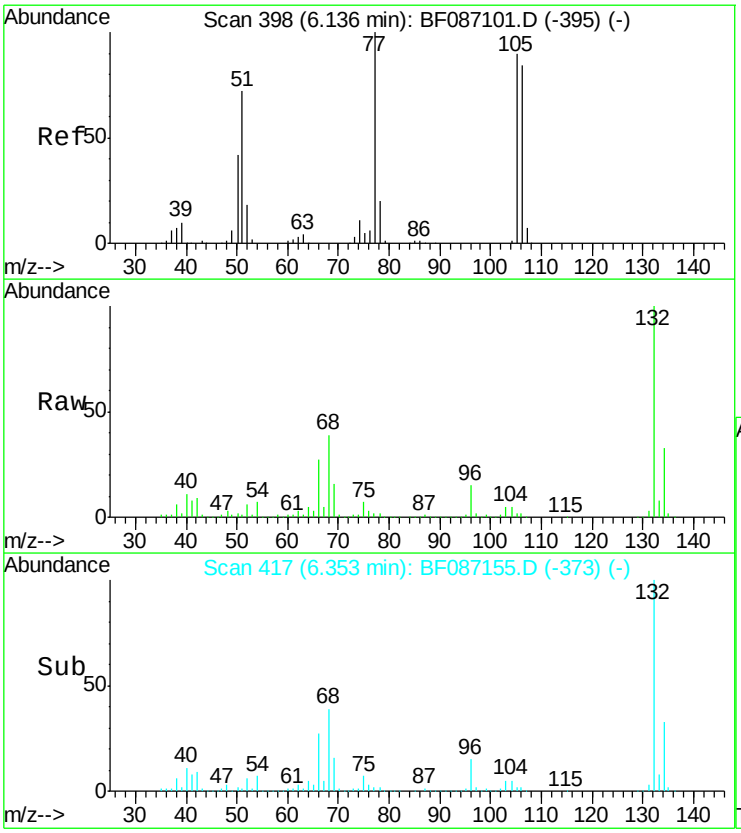
#7
Phenol-d6
Concen: 93.22 ng
RT: 6.24 min Scan# 407
Delta R.T. -0.05 min
Lab File: BF087155.D
Acq: 18 May 2016 20:45

Instrument :
BNA_F
ClientSampleId :
2-AB-AC(0-2)

Tgt Ion: 99 Resp: 960164

Ion	Ratio	Lower	Upper
99	100		
42	31.9	13.6	20.4#
71	39.9	24.6	36.8#

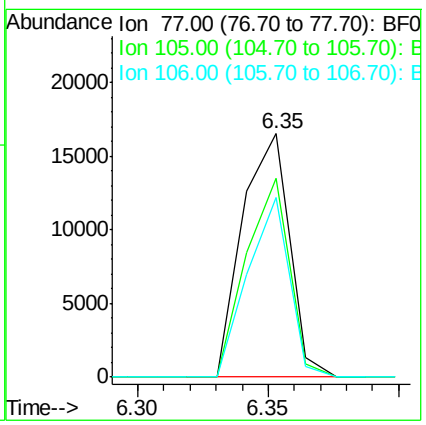


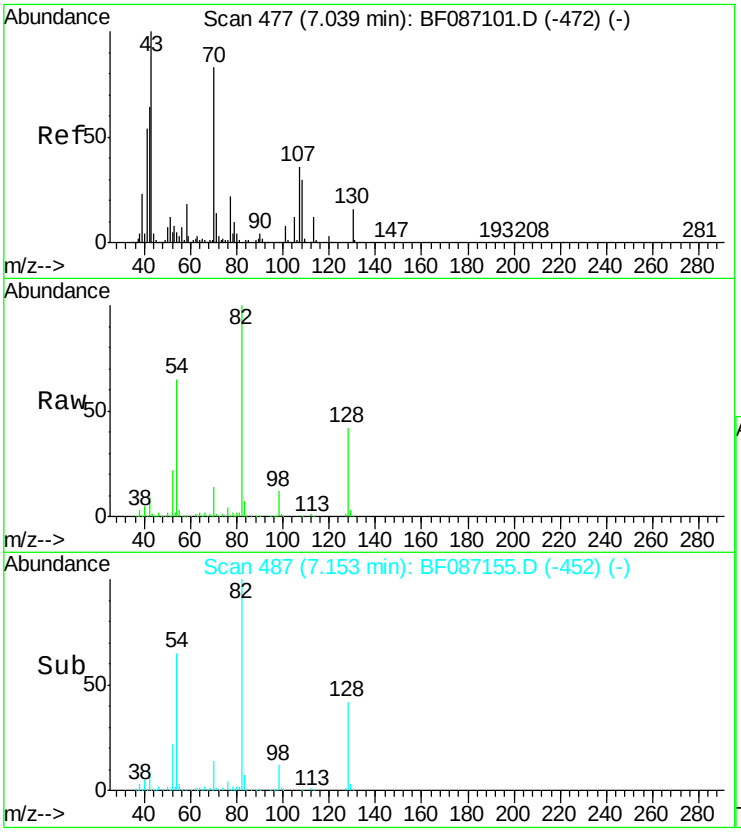


#9
Benzaldehyde
Concen: 2.75 ng
RT: 6.35 min Scan# 417
Delta R.T. 0.21 min
Lab File: BF087155.D
Acq: 18 May 2016 20:45

Tgt Ion: 77 Resp: 20909

Ion	Ratio	Lower	Upper
77	100		
105	81.9	72.7	112.7
106	73.7	70.8	110.8



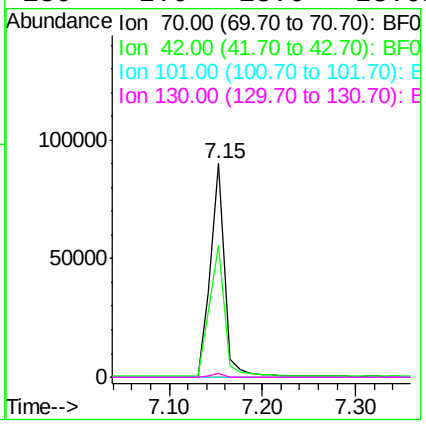


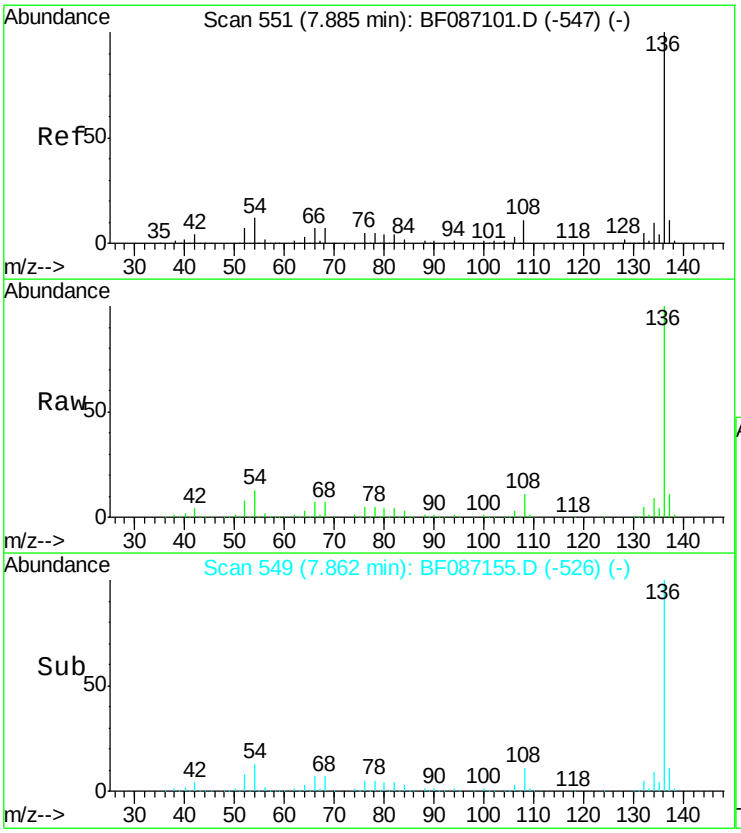
#19
n-Nitroso-di-n-propylamine
Concen: 12.57 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.10 min
Lab File: BF087155.D
Acq: 18 May 2016 20:45

Instrument :
BNA_F
ClientSampleId :
2-AB-AC(0-2)

Tgt Ion: 70 Resp: 98423

Ion	Ratio	Lower	Upper
70	100		
42	62.0	43.1	64.7
101	0.0	8.1	12.1#
130	2.0	18.6	28.0#

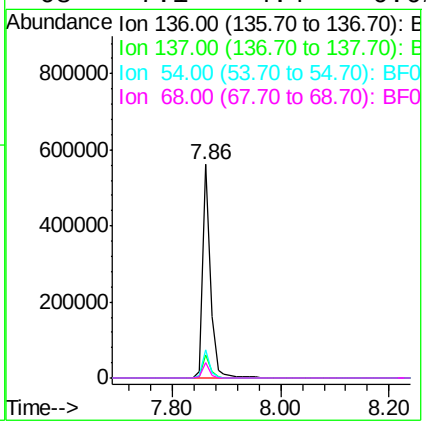


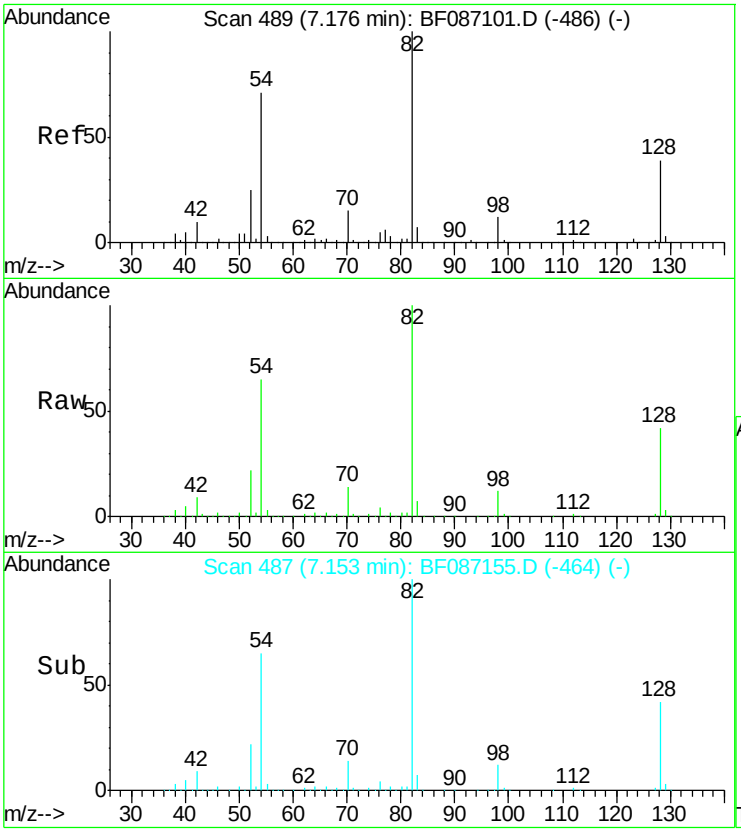


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF087155.D
Acq: 18 May 2016 20:45

Tgt Ion:136 Resp: 547841

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	13.2	5.0	7.4#
68	7.1	4.4	6.6#



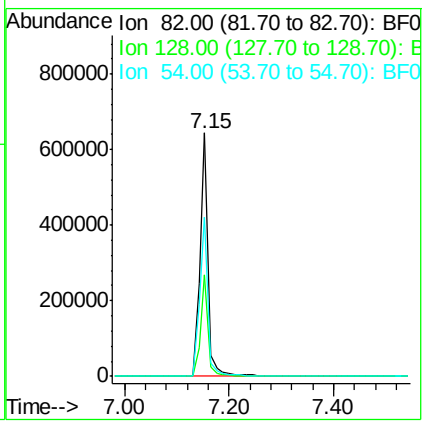


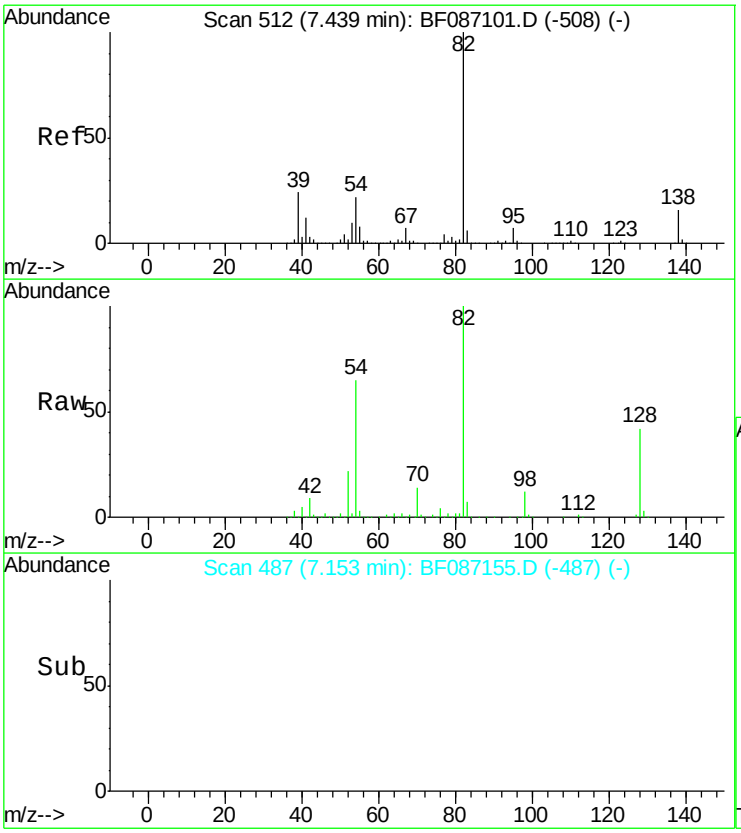
#23
Nitrobenzene-d5
Concen: 64.13 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.03 min
Lab File: BF087155.D
Acq: 18 May 2016 20:45

Instrument :
BNA_F
ClientSampleId :
2-AB-AC(0-2)

Tgt Ion: 82 Resp: 704912

Ion	Ratio	Lower	Upper
82	100		
128	42.0	40.6	61.0
54	65.4	38.1	57.1#

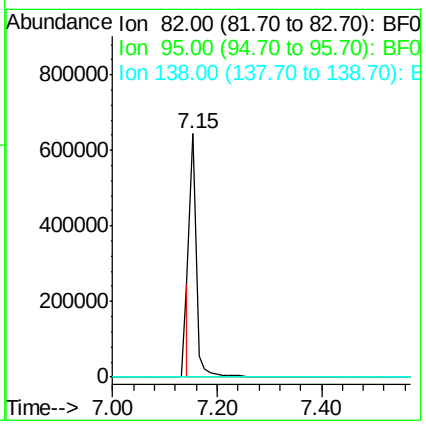


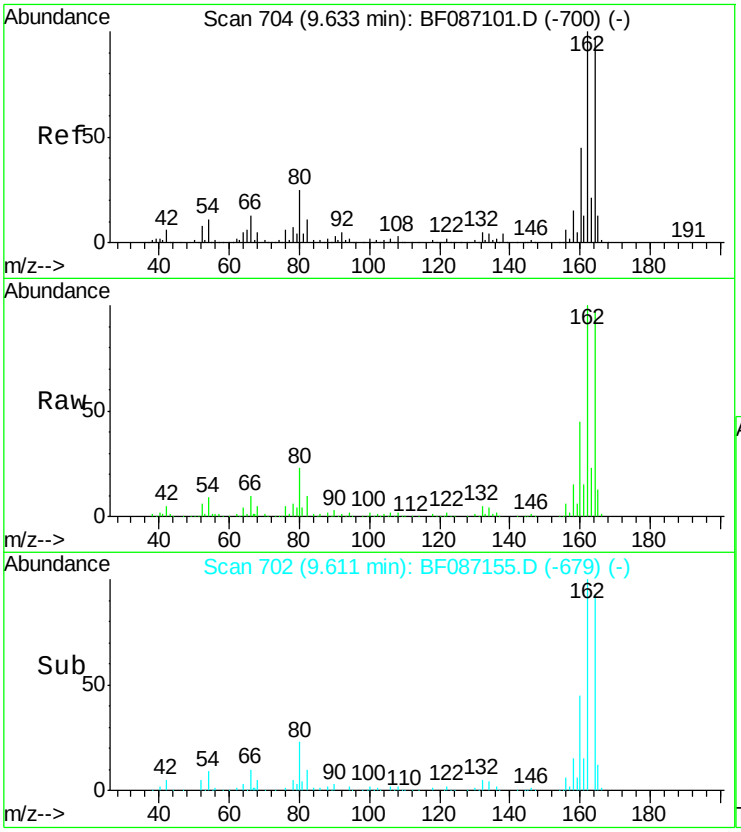


#25
Isophorone
Concen: 26.13 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.30 min
Lab File: BF087155.D
Acq: 18 May 2016 20:45

Tgt Ion: 82 Resp: 525839

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



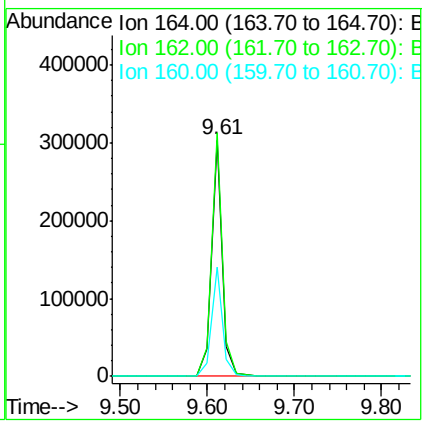


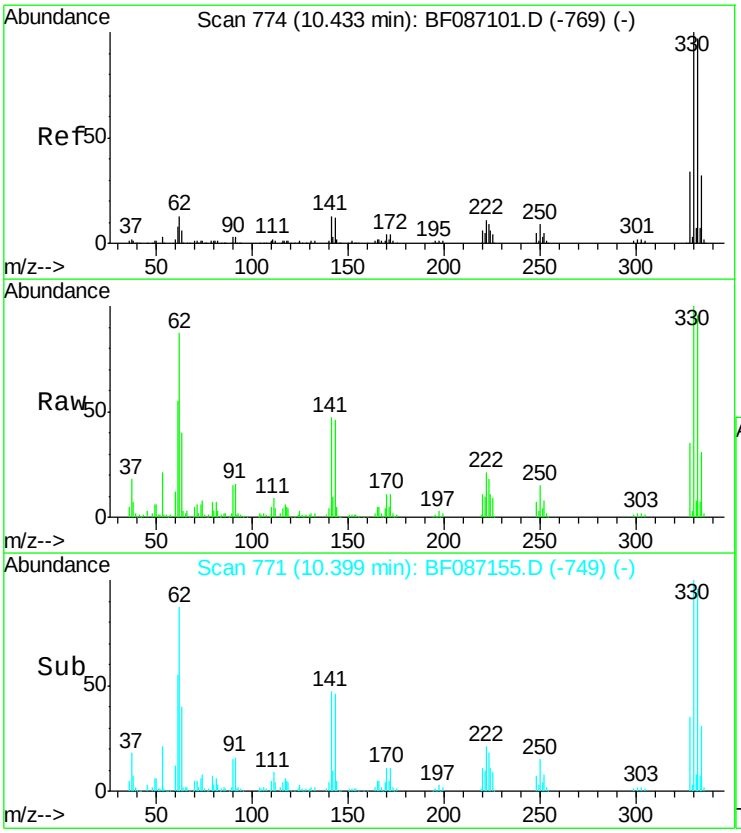
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF087155.D
Acq: 18 May 2016 20:45

Instrument :
BNA_F
ClientSampleId :
2-AB-AC(0-2)

Tgt Ion:164 Resp: 265056

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.8	124.2
160	46.3	36.9	55.3

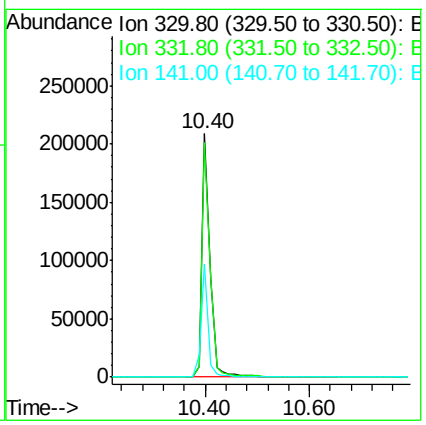


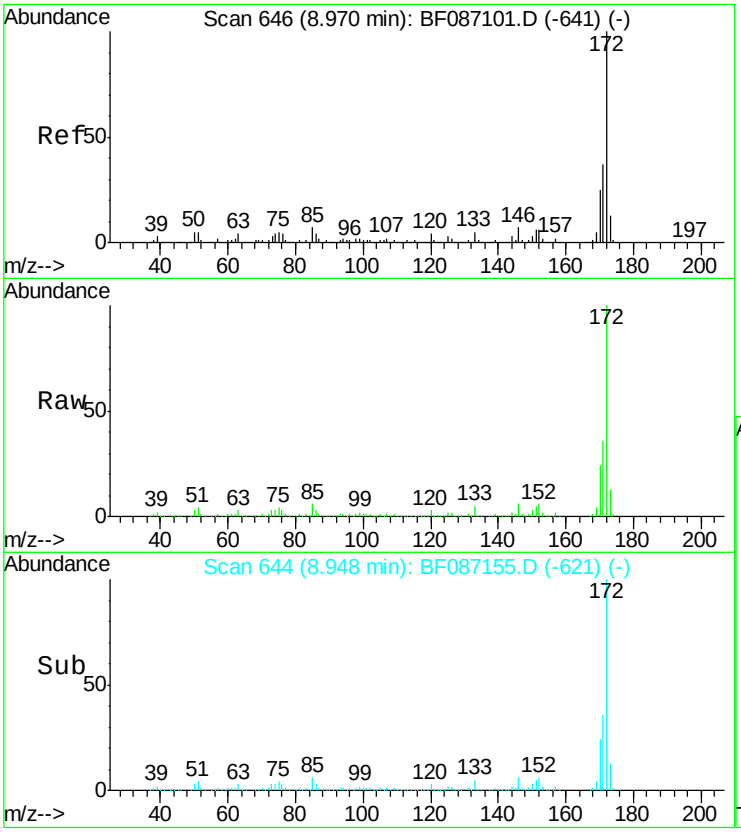


#41
2,4,6-Tribromophenol
Concen: 77.37 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.05 min
Lab File: BF087155.D
Acq: 18 May 2016 20:45

Tgt Ion:330 Resp: 226616

Ion	Ratio	Lower	Upper
330	100		
332	97.5	79.0	118.4
141	40.7	31.2	46.8



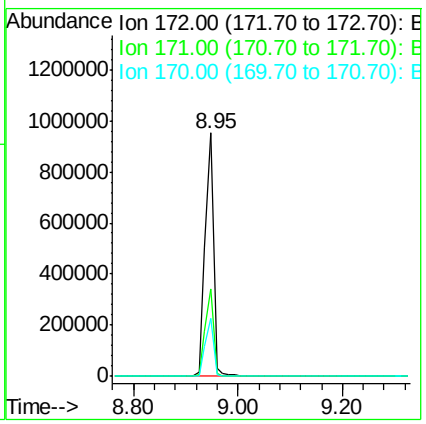


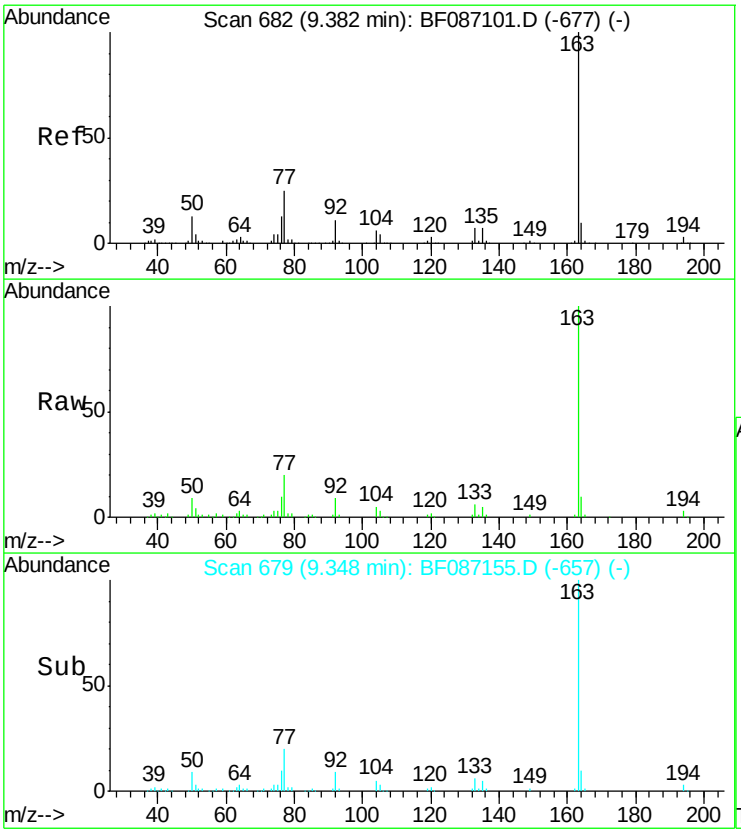
#44
2-Fluorobiphenyl
Concen: 66.27 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.03 min
Lab File: BF087155.D
Acq: 18 May 2016 20:45

Instrument :
BNA_F
ClientSampleId :
2-AB-AC(0-2)

Tgt Ion:172 Resp: 1060554

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	23.7	19.8	29.8

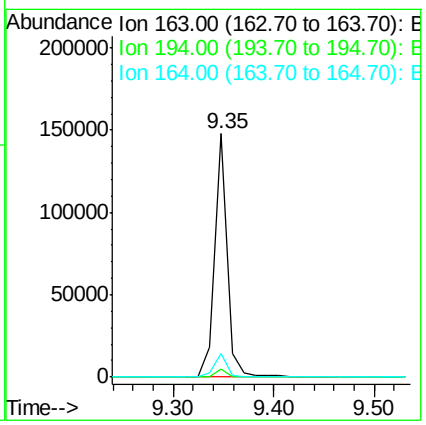


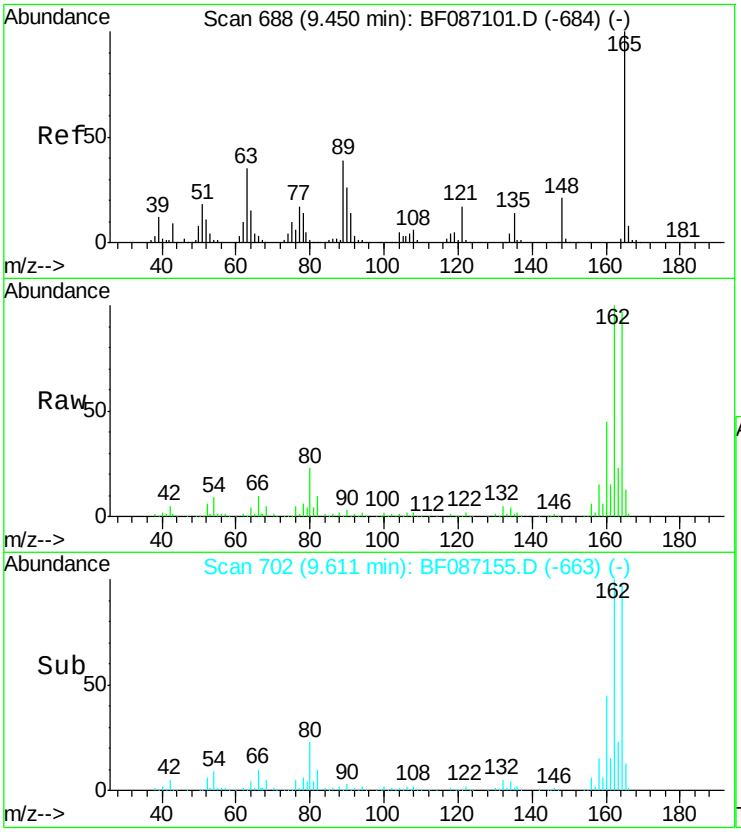


#49
Dimethylphthalate
Concen: 6.36 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF087155.D
Acq: 18 May 2016 20:45

Tgt Ion:163 Resp: 128668

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.7	8.2	12.4



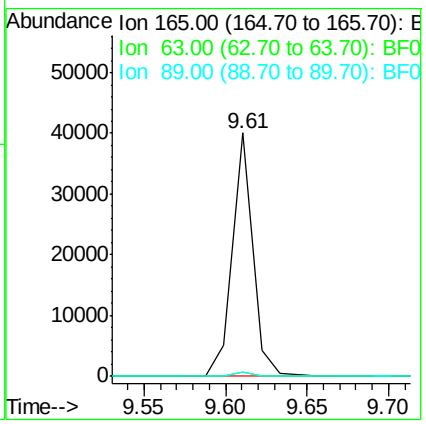


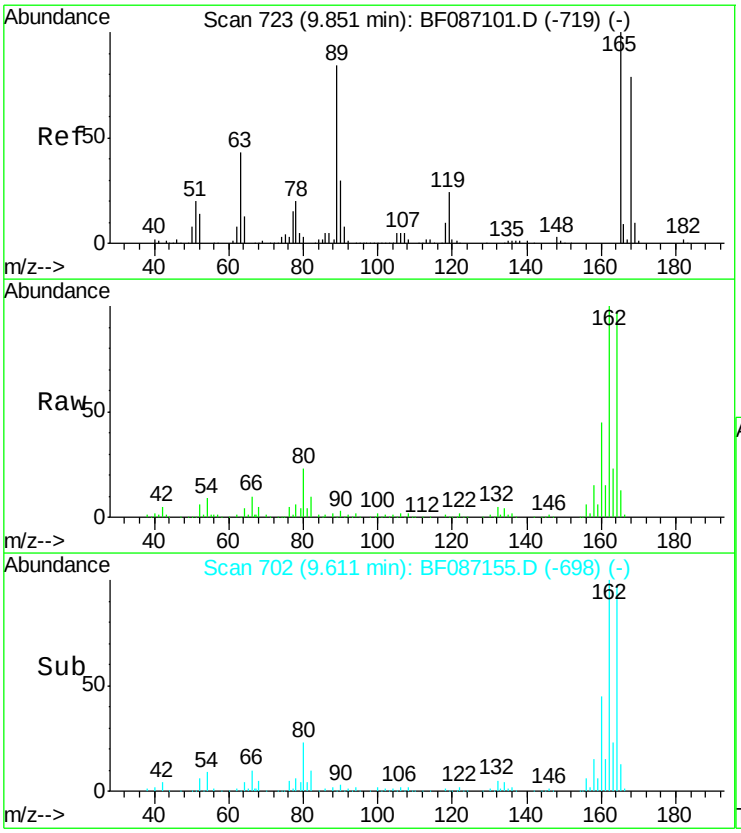
#50
2,6-Dinitrotoluene
Concen: 7.83 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.15 min
Lab File: BF087155.D
Acq: 18 May 2016 20:45

Instrument :
BNA_F
ClientSampleId :
2-AB-AC(0-2)

Tgt Ion:165 Resp: 34366

Ion	Ratio	Lower	Upper
165	100		
63	1.9	51.8	77.8#
89	2.0	50.7	76.1#

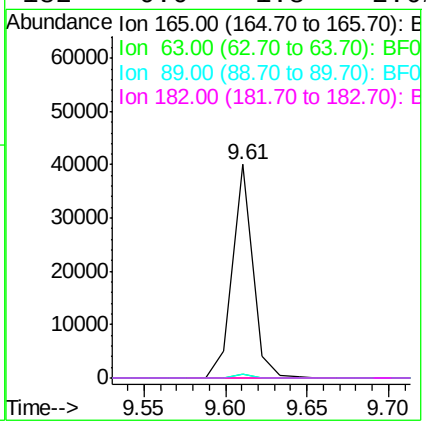


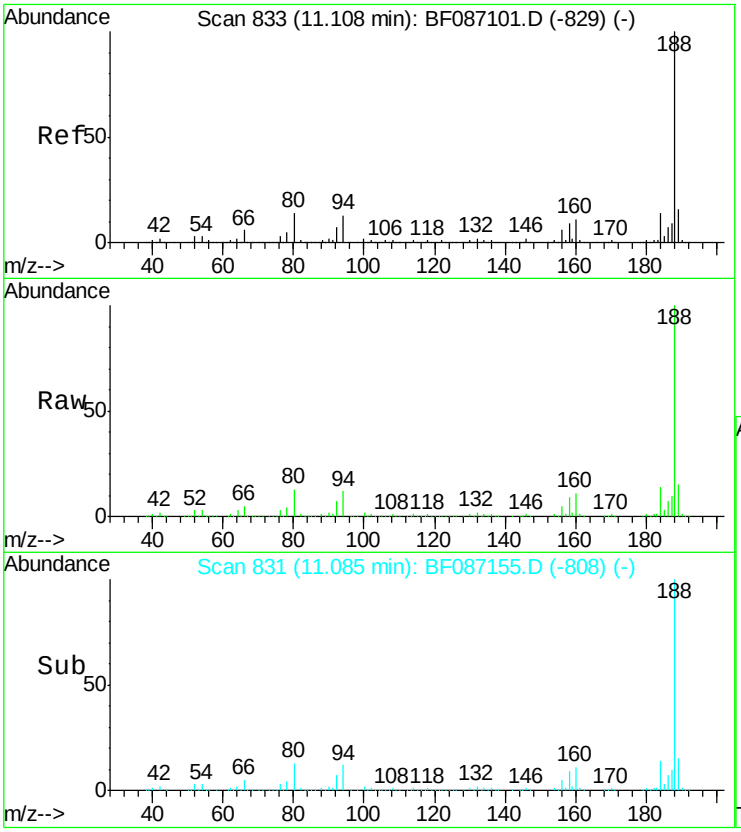


#56
2,4-Dinitrotoluene
Concen: 6.11 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.25 min
Lab File: BF087155.D
Acq: 18 May 2016 20:45

Tgt Ion:165 Resp: 34366

Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.3	66.5#
89	2.0	70.0	105.0#
182	0.0	1.8	2.6#



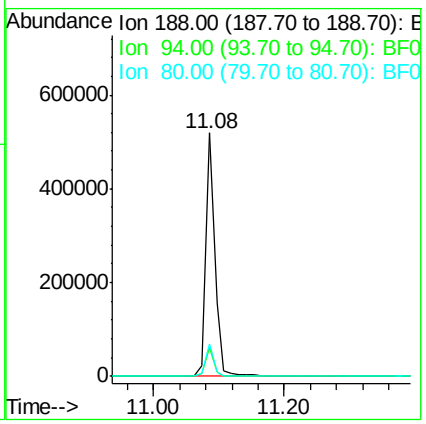


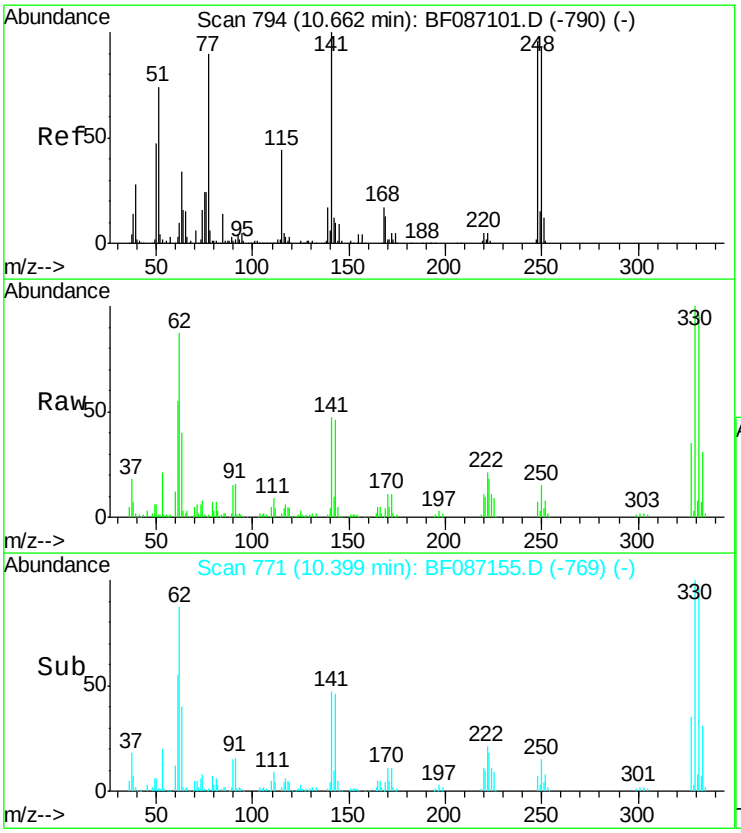
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.03 min
Lab File: BF087155.D
Acq: 18 May 2016 20:45

Instrument :
BNA_F
ClientSampleId :
2-AB-AC(0-2)

Tgt Ion:188 Resp: 504319

Ion	Ratio	Lower	Upper
188	100		
94	11.7	6.8	10.2#
80	13.2	7.1	10.7#

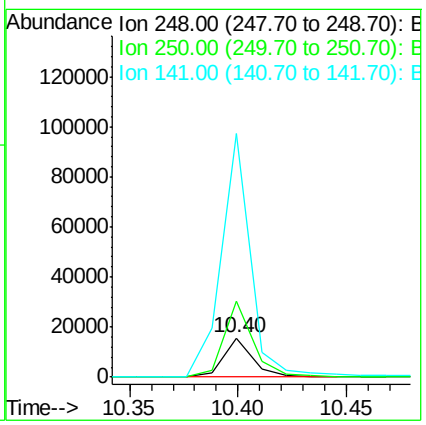


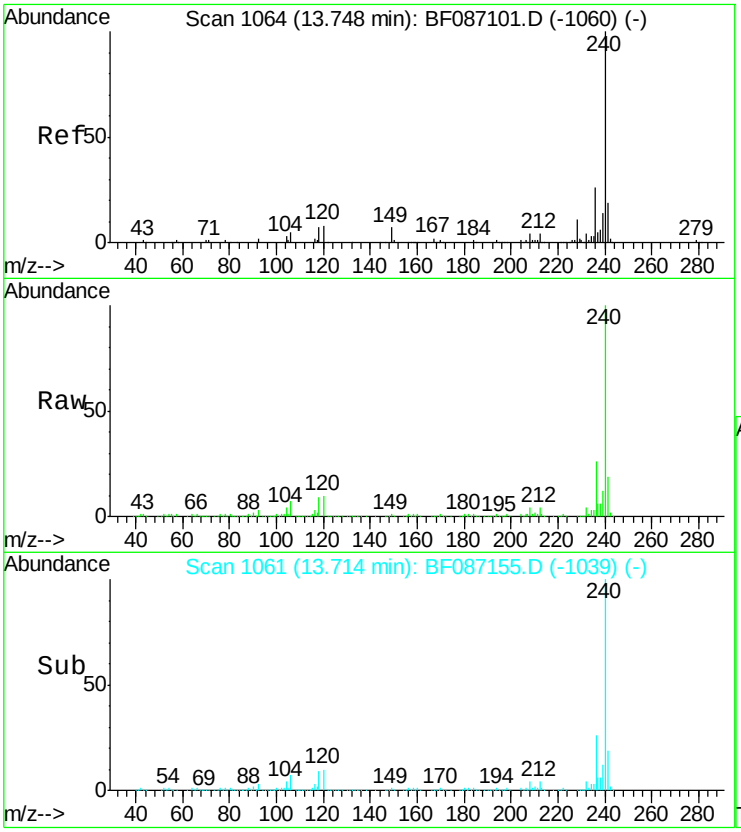


#66
4-Bromophenyl-phenylether
Concen: 2.74 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.27 min
Lab File: BF087155.D
Acq: 18 May 2016 20:45

Tgt Ion:248 Resp: 14190

Ion	Ratio	Lower	Upper
248	100		
250	196.6	78.6	117.8#
141	626.5	76.0	114.0#



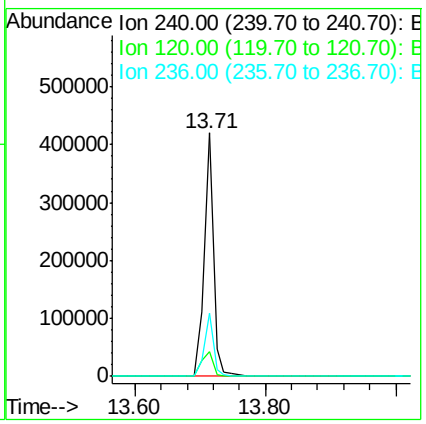


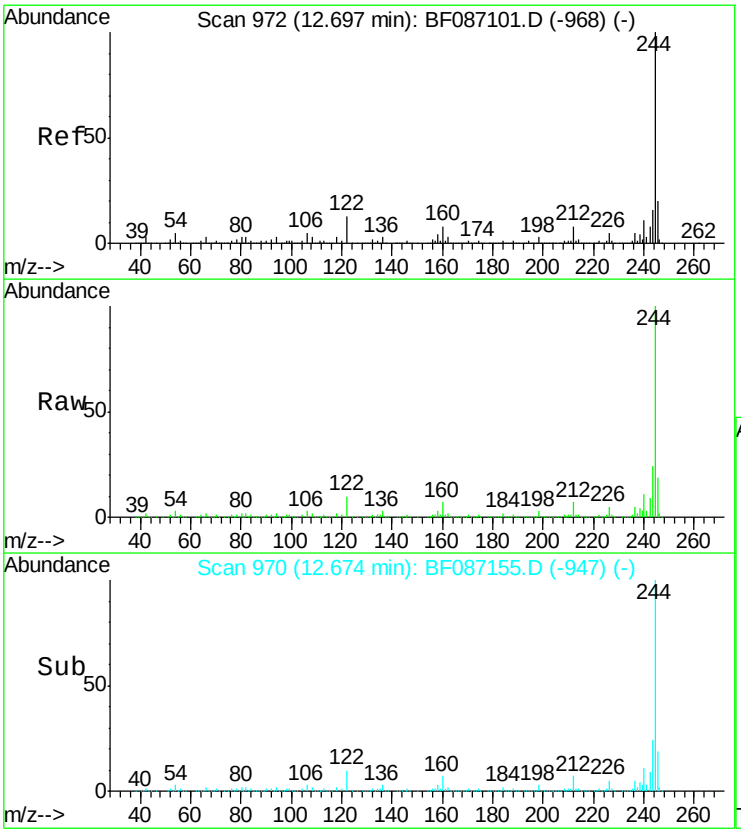
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.05 min
Lab File: BF087155.D
Acq: 18 May 2016 20:45

Instrument :
BNA_F
ClientSampleId :
2-AB-AC(0-2)

Tgt Ion:240 Resp: 413073

Ion	Ratio	Lower	Upper
240	100		
120	10.2	11.2	16.8#
236	26.0	21.2	31.8

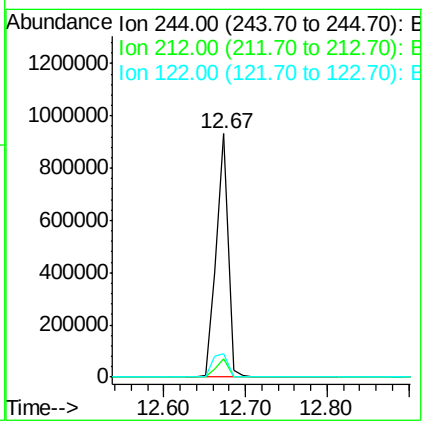


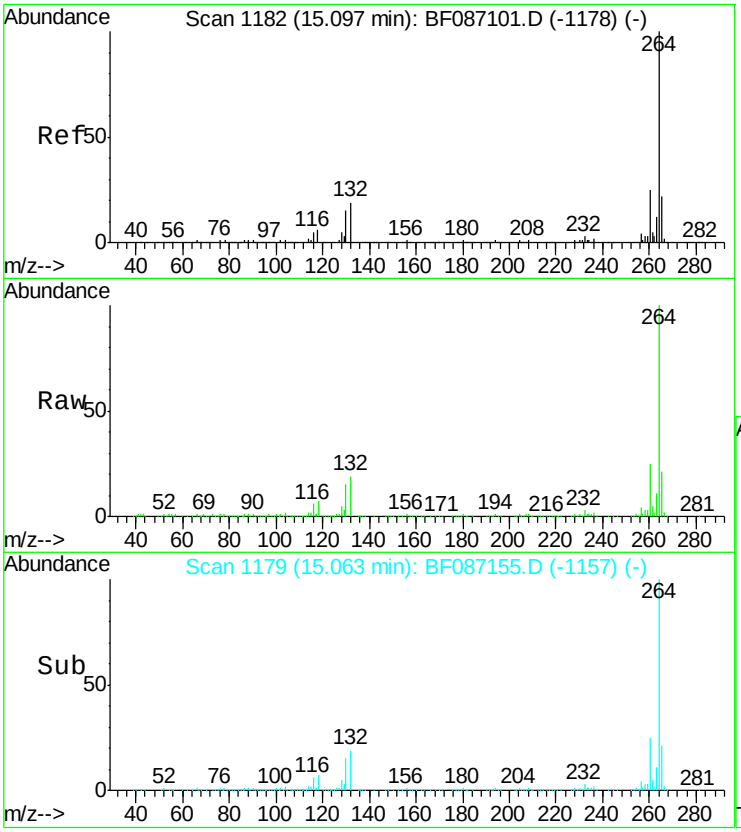


#78
Terphenyl-d14
Concen: 51.88 ng
RT: 12.67 min Scan# 970
Delta R.T. -0.03 min
Lab File: BF087155.D
Acq: 18 May 2016 20:45

Tgt Ion:244 Resp: 947374

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	9.6	12.0	18.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF087155.D
Acq: 18 May 2016 20:45

Instrument :
BNA_F
ClientSampleId :
2-AB-AC(0-2)

Tgt Ion:264 Resp: 326593

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.2	17.3	25.9