Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083918.D
Acq On : 18 Dec 2015 17:40
Operator : UM/SJ
Sample : G4814-01 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9870

Quant Time: Dec 19 04:17:07 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	63839	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	161021	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	124962	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	240388	20.00	ng	0.00
75) Chrysene-d12	14.02	240	239133	20.00	ng	-0.01
86) Perylene-d12	15.46	264	189313	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	2239	0.55	ng	0.00
7) Phenol-d6	6.51	99	6254	1.25	ng	0.00
23) Nitrobenzene-d5	7.44	82	42324	15.00	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	641	0.47	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	3613	-1.00	ng	-0.02
78) Terphenyl-d14	12.97	244	5843	-6.15	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.38	77	12290	4.09	ng	# 1
18) Hexachloroethane	7.37	117	6762	3.46	ng	# 1
19) n-Nitroso-di-n-propylamine	7.26	70	14304	4.91	ng	# 30
22) Acetophenone	7.26	105	31819	8.21	ng	# 1
24) Nitrobenzene	7.41	77	10265	3.52	ng	# 55
25) Isophorone	7.69	82	75178	14.16	ng	# 1
26) 2-Nitrophenol	7.79	139	7367	4.88	ng	# 1
28) bis(2-Chloroethoxy)methane	7.95	93	8076	2.57	ng	# 1
32) Benzoic acid	7.95	122	5116	8.67	ng	# 1
35) Caprolactam	8.58	113	6722	8.62	ng	# 1
36) 4-Chloro-3-methylphenol	8.74	107	270	Below Cal		# 20
45) 1,1'-Biphenyl	9.32	154	1594	Below Cal		92
50) 2,6-Dinitrotoluene	9.90	165	15867	6.94	ng	# 35
56) 2,4-Dinitrotoluene	9.90	165	15867	5.41	ng	# 20

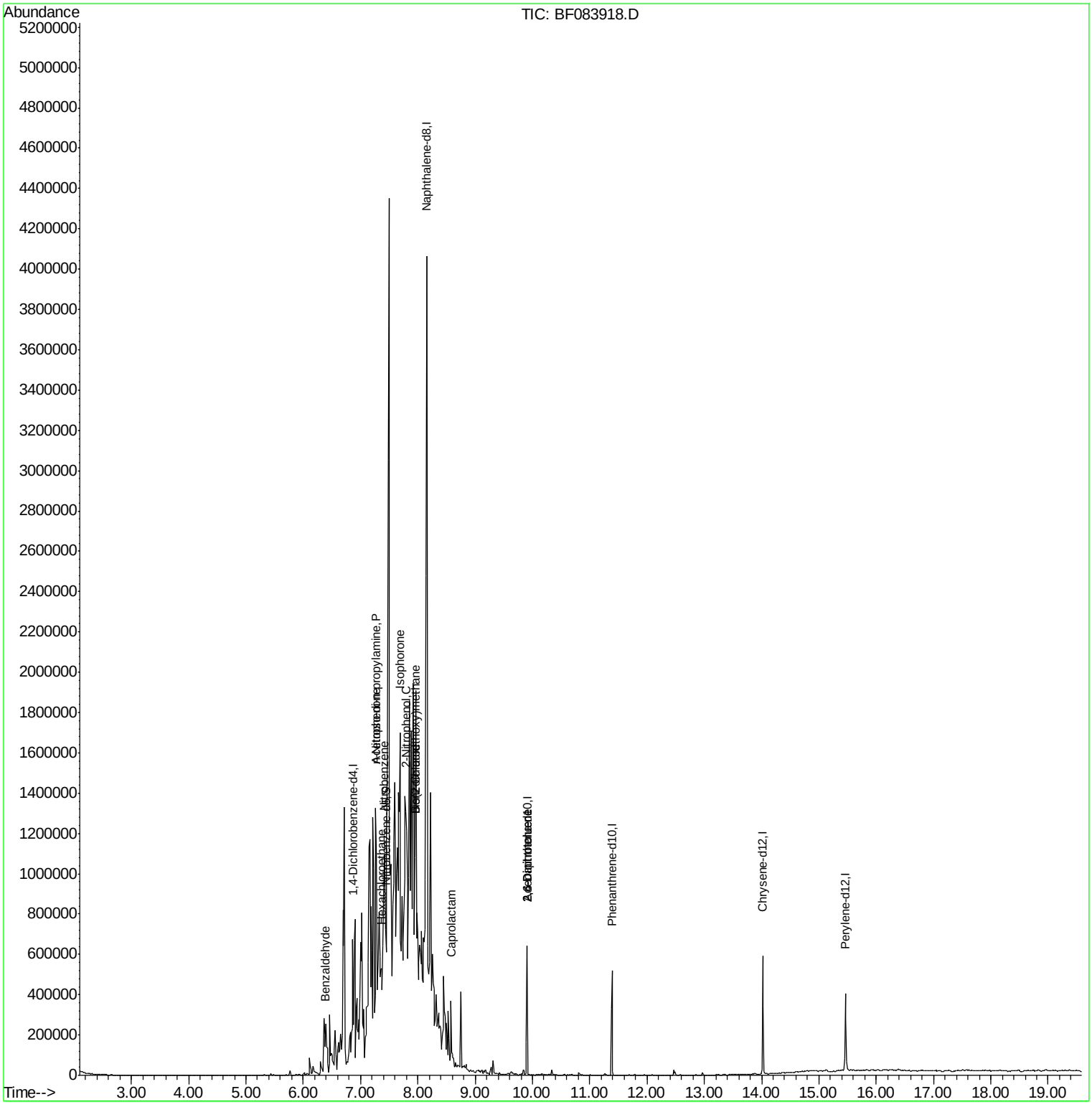
(#) = qualifier out of range (m) = manual integration (+) = signals summed

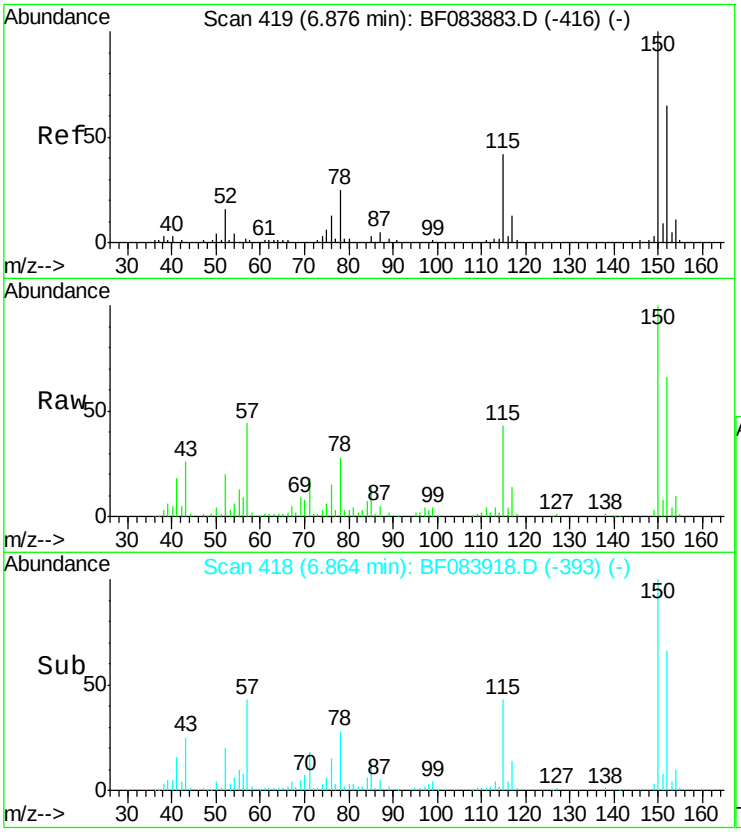
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083918.D
Acq On : 18 Dec 2015 17:40
Operator : UM/SJ
Sample : G4814-01 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAR-9870

Quant Time: Dec 19 04:17:07 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration



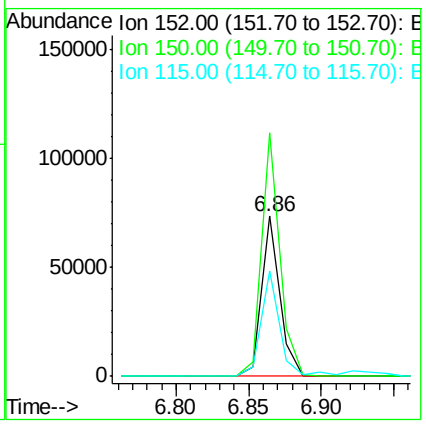


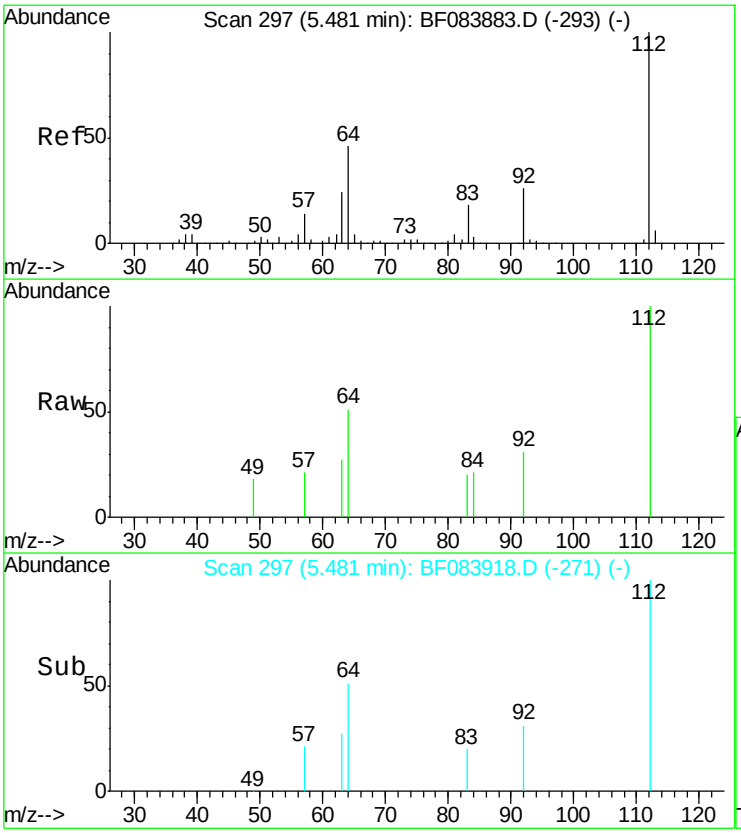
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF083918.D
Acq: 18 Dec 2015 17:40

Instrument :
BNA_F
ClientSampleId :
LAR-9870

Tgt Ion:152 Resp: 63839

Ion	Ratio	Lower	Upper
152	100		
150	152.0	123.0	184.4
115	65.7	51.4	77.2

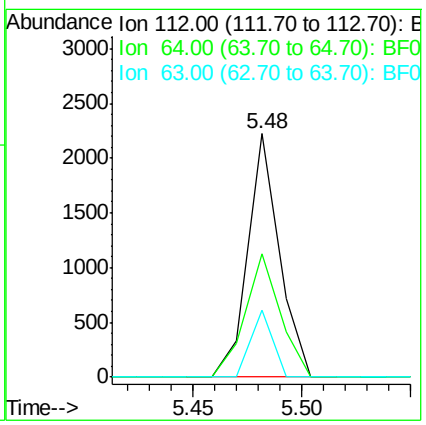


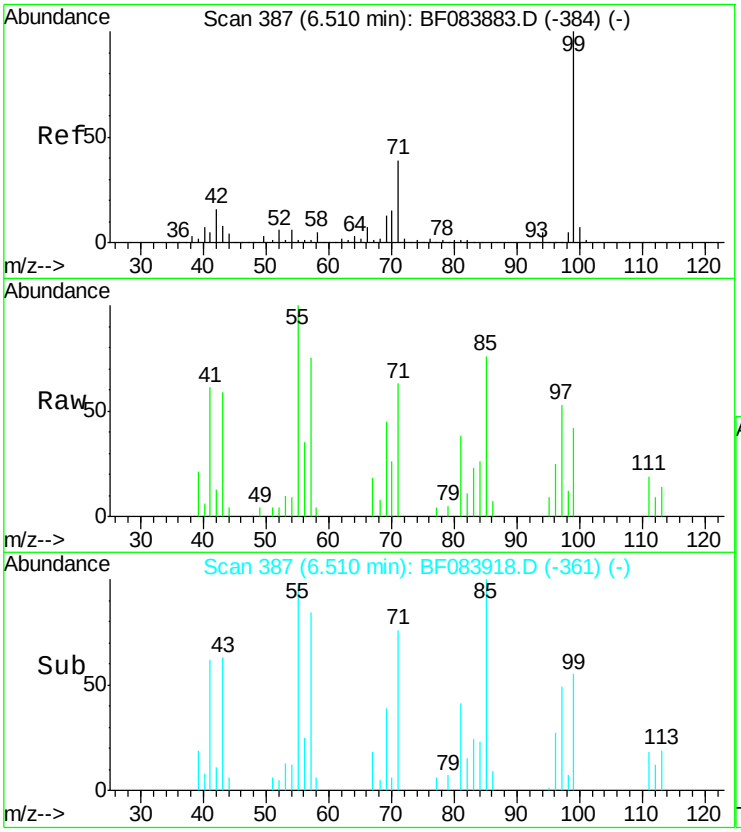


#5
2-Fluorophenol
Concen: 0.55 ng
RT: 5.48 min Scan# 297
Delta R.T. -0.00 min
Lab File: BF083918.D
Acq: 18 Dec 2015 17:40

Tgt Ion:112 Resp: 2239

Ion	Ratio	Lower	Upper
112	100		
64	50.9	36.6	55.0
63	27.5	19.4	29.0



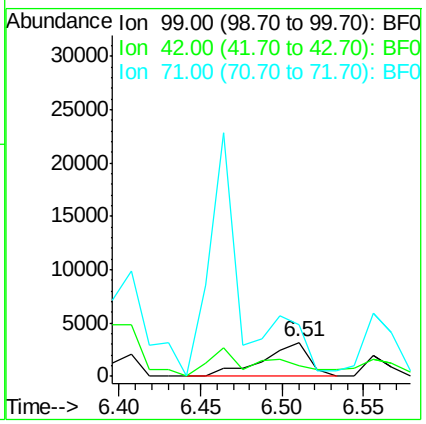


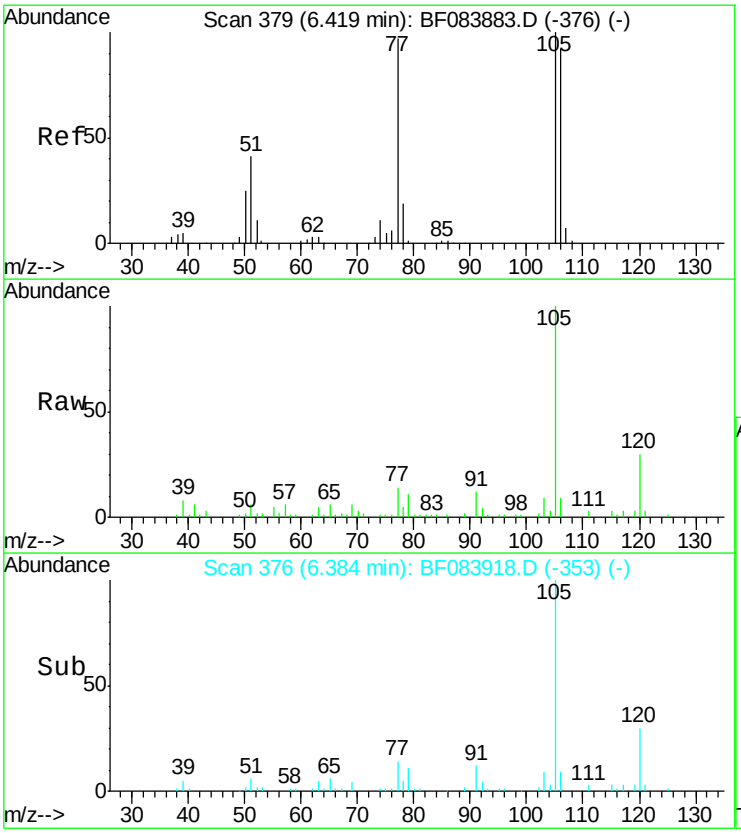
#7
Phenol-d6
Concen: 1.25 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.00 min
Lab File: BF083918.D
Acq: 18 Dec 2015 17:40

Instrument :
BNA_F
ClientSampleId :
LAR-9870

Tgt Ion: 99 Resp: 6254

Ion	Ratio	Lower	Upper
99	100		
42	30.8	12.8	19.2#
71	150.3	30.9	46.3#

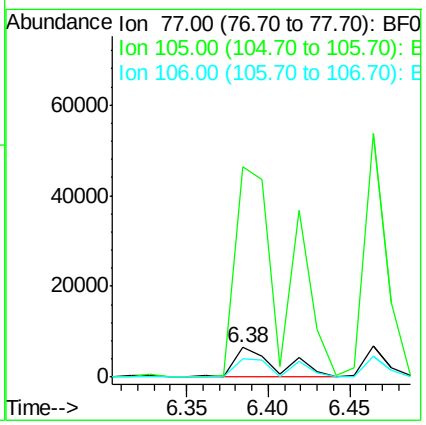


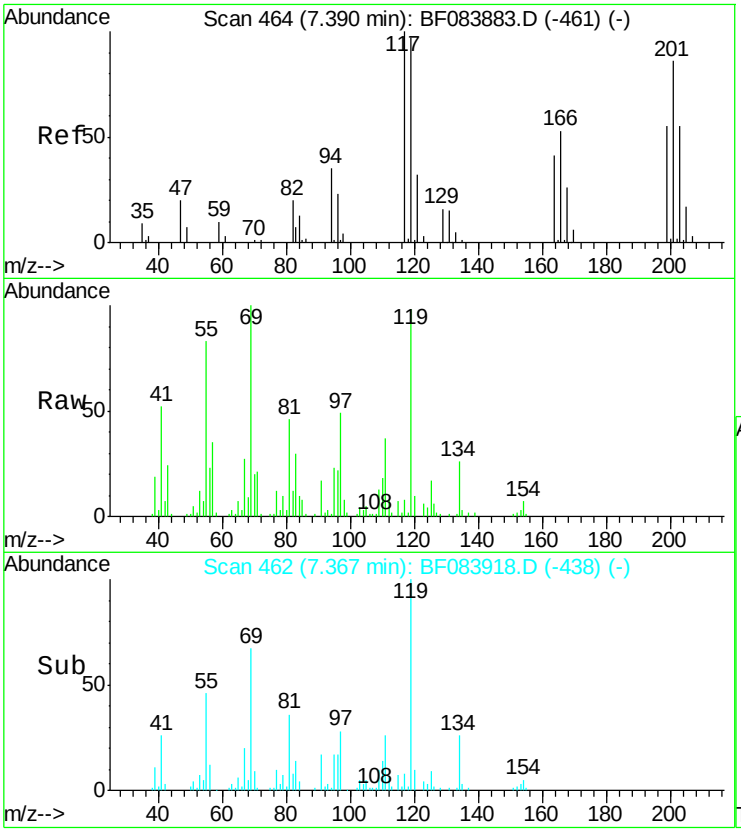


#9
Benzaldehyde
Concen: 4.09 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.03 min
Lab File: BF083918.D
Acq: 18 Dec 2015 17:40

Tgt Ion: 77 Resp: 12290

Ion	Ratio	Lower	Upper
77	100		
105	712.5	83.0	123.0#
106	63.9	74.6	114.6#



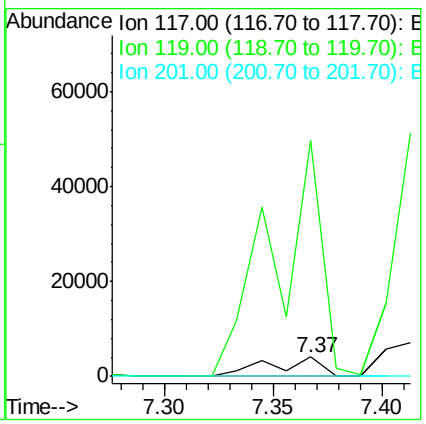


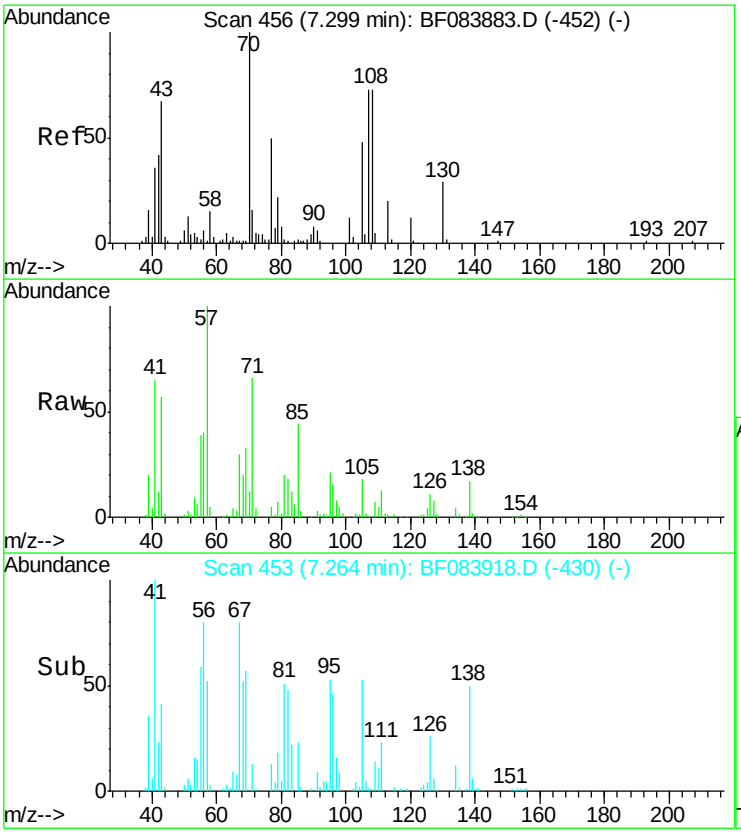
#18
Hexachloroethane
Concen: 3.46 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF083918.D
Acq: 18 Dec 2015 17:40

Instrument :
BNA_F
ClientSampleId :
LAR-9870

Tgt Ion:117 Resp: 6762

Ion	Ratio	Lower	Upper
117	100		
119	1210.4	77.4	116.0#
201	0.0	68.6	103.0#

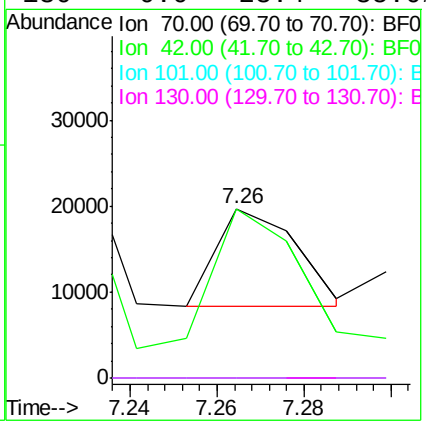


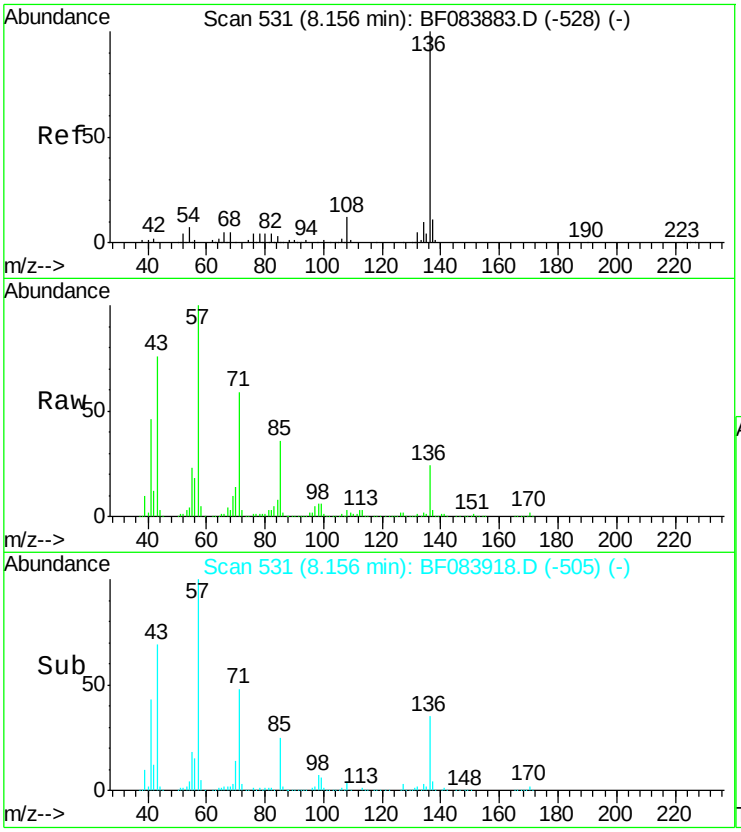


#19
n-Nitroso-di-n-propylamine
Concen: 4.91 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.03 min
Lab File: BF083918.D
Acq: 18 Dec 2015 17:40

Tgt Ion: 70 Resp: 14304

Ion	Ratio	Lower	Upper
70	100		
42	99.6	33.3	49.9#
101	0.0	9.3	13.9#
130	0.0	23.4	35.0#



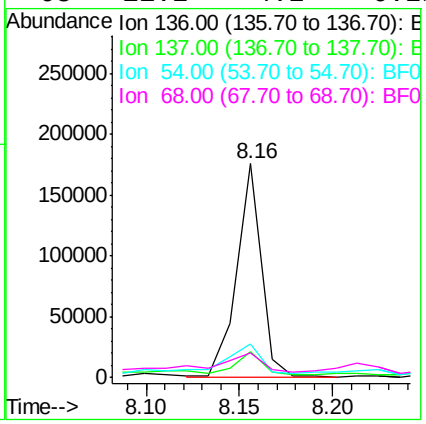


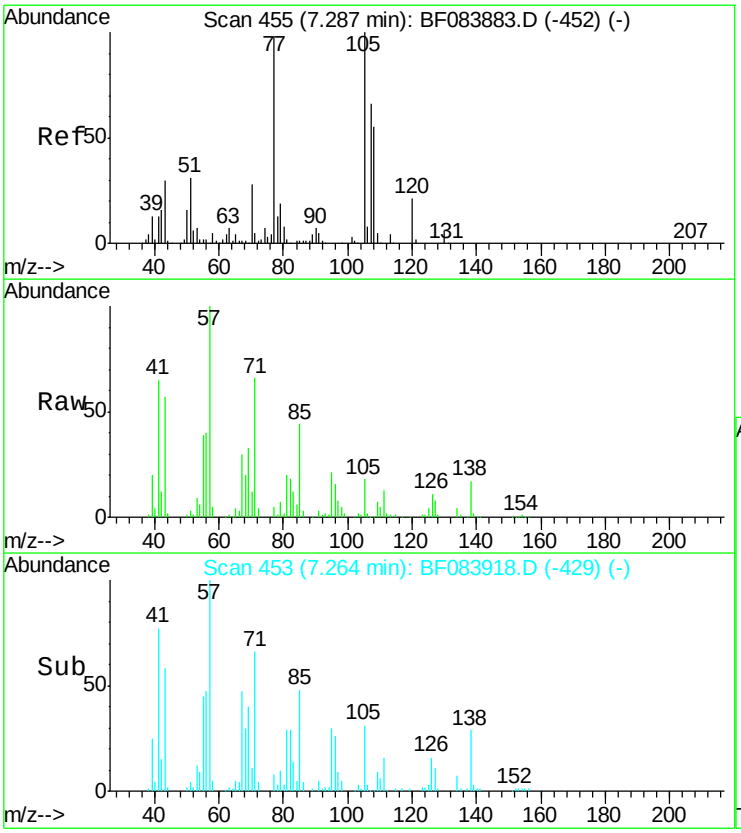
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF083918.D
Acq: 18 Dec 2015 17:40

Instrument :
BNA_F
ClientSampleId :
LAR-9870

Tgt Ion:136 Resp: 161021

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.7	13.1
54	15.6	5.8	8.8#
68	11.2	4.2	6.2#

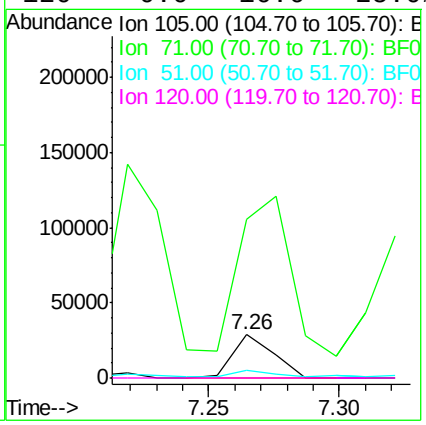


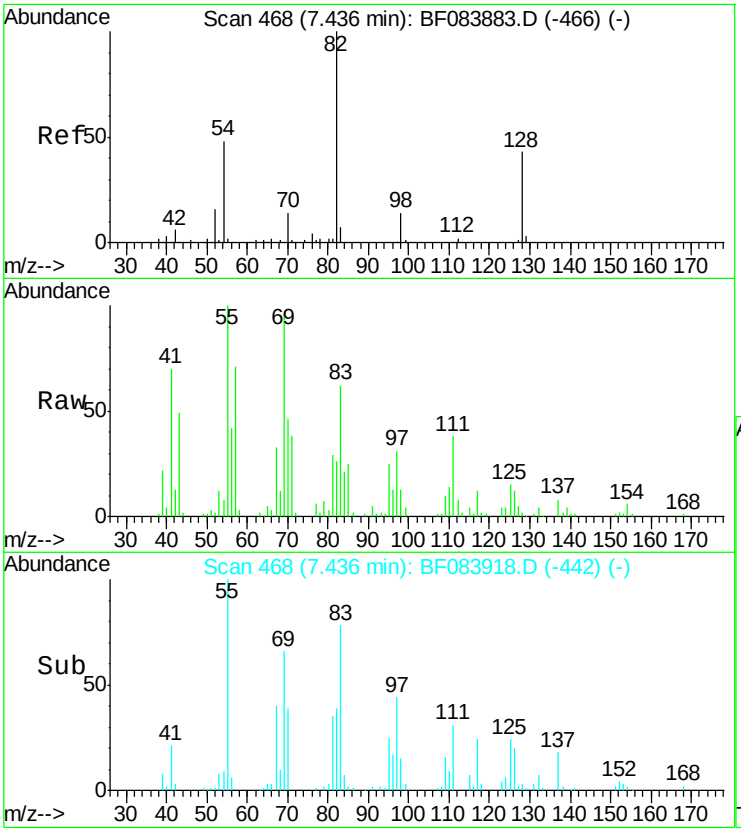


#22
Acetophenone
Concen: 8.21 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF083918.D
Acq: 18 Dec 2015 17:40

Tgt Ion:105 Resp: 31819

Ion	Ratio	Lower	Upper
105	100		
71	367.8	3.7	5.5#
51	16.5	25.1	37.7#
120	0.0	16.6	25.0#



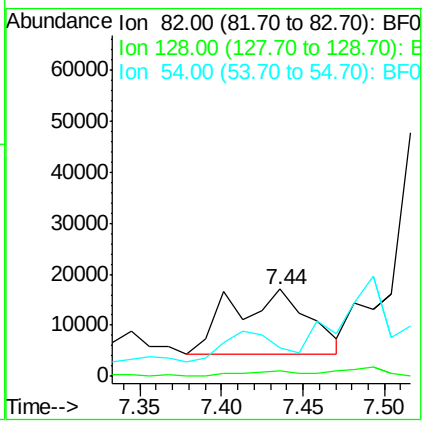


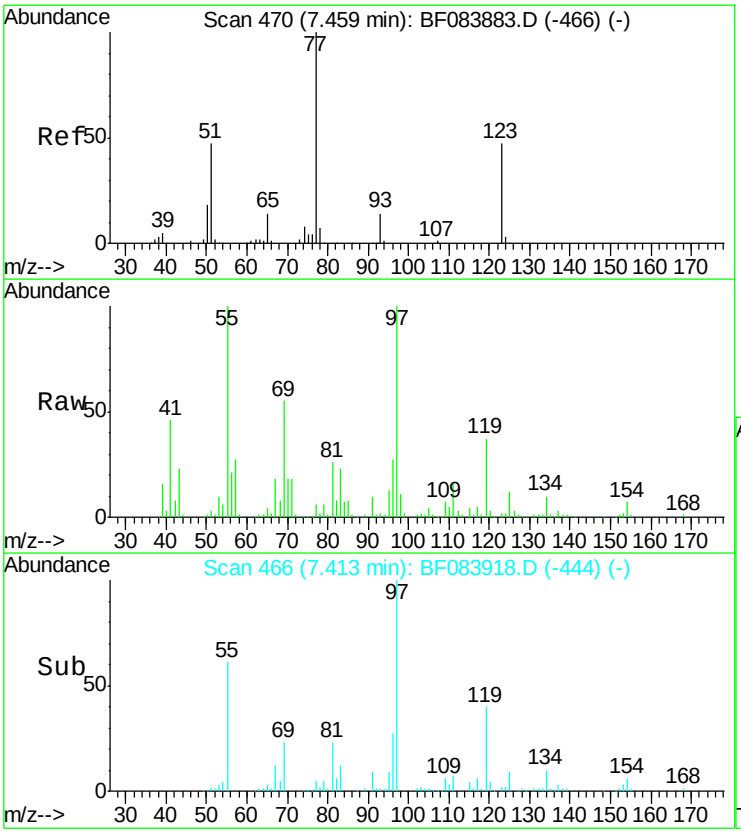
#23
Nitrobenzene-d5
Concen: 15.00 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF083918.D
Acq: 18 Dec 2015 17:40

Instrument :
BNA_F
ClientSampleId :
LAR-9870

Tgt Ion: 82 Resp: 42324

Ion	Ratio	Lower	Upper
82	100		
128	6.9	34.6	51.8#
54	32.6	38.4	57.6#

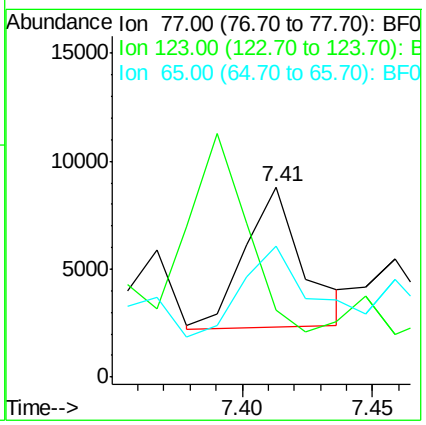


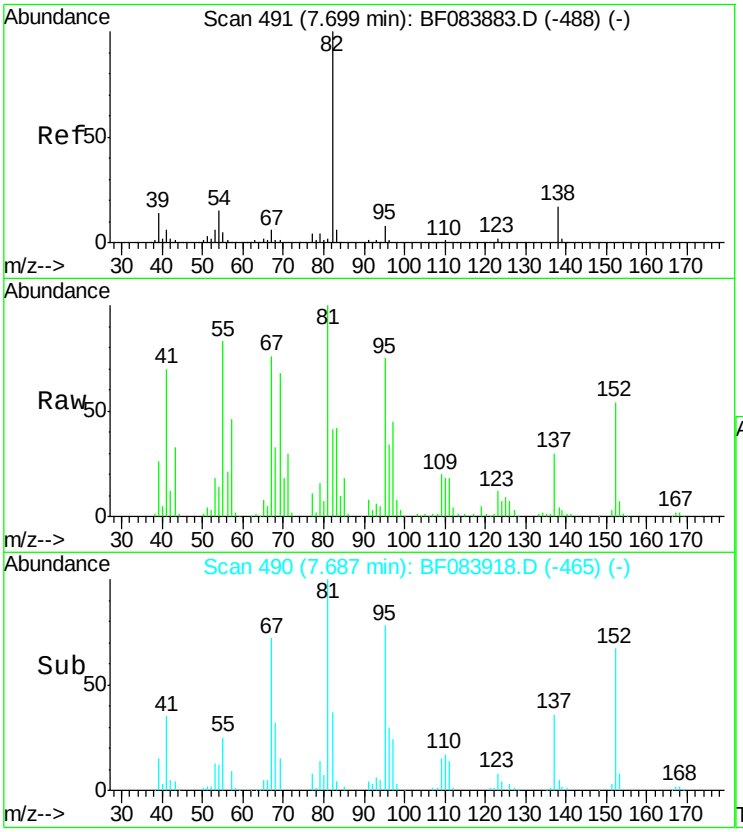


#24
Nitrobenzene
Concen: 3.52 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.05 min
Lab File: BF083918.D
Acq: 18 Dec 2015 17:40

Tgt Ion: 77 Resp: 10265

Ion	Ratio	Lower	Upper
77	100		
123	34.9	37.4	56.2#
65	69.1	10.9	16.3#



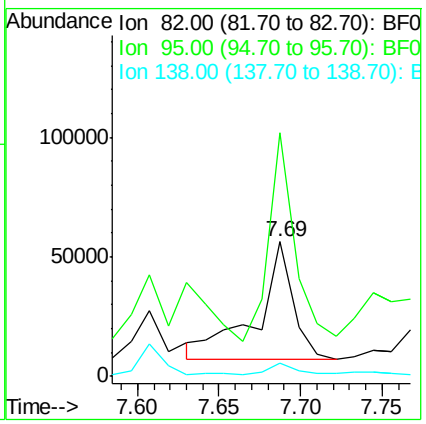


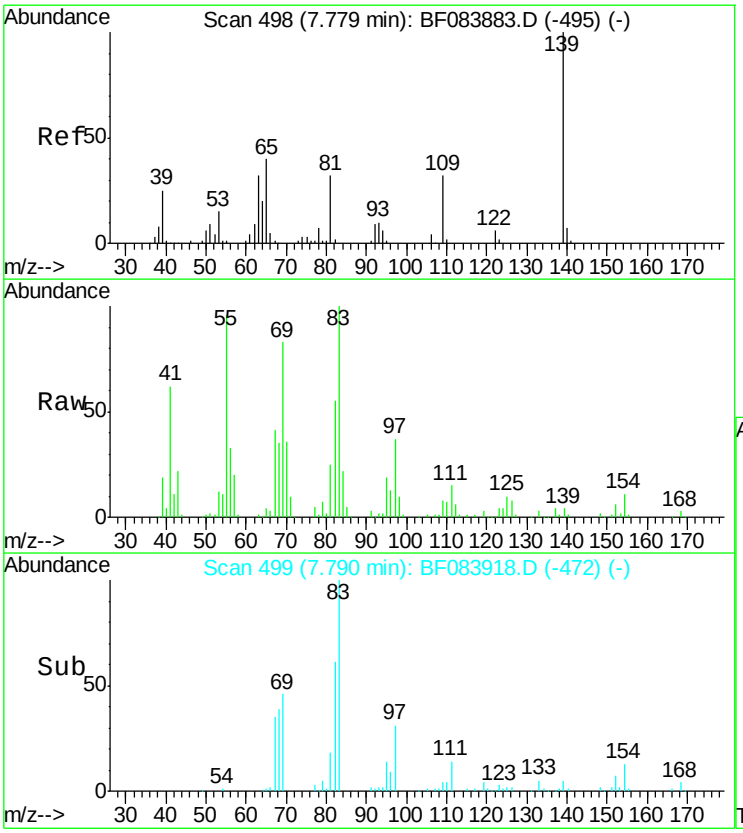
#25
Isophorone
Concen: 14.16 ng
RT: 7.69 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF083918.D
Acq: 18 Dec 2015 17:40

Instrument :
BNA_F
ClientSampleId :
LAR-9870

Tgt Ion: 82 Resp: 75178

Ion	Ratio	Lower	Upper
82	100		
95	180.8	6.6	10.0#
138	10.0	13.6	20.4#

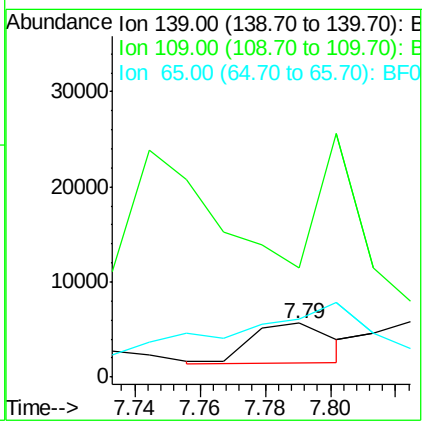


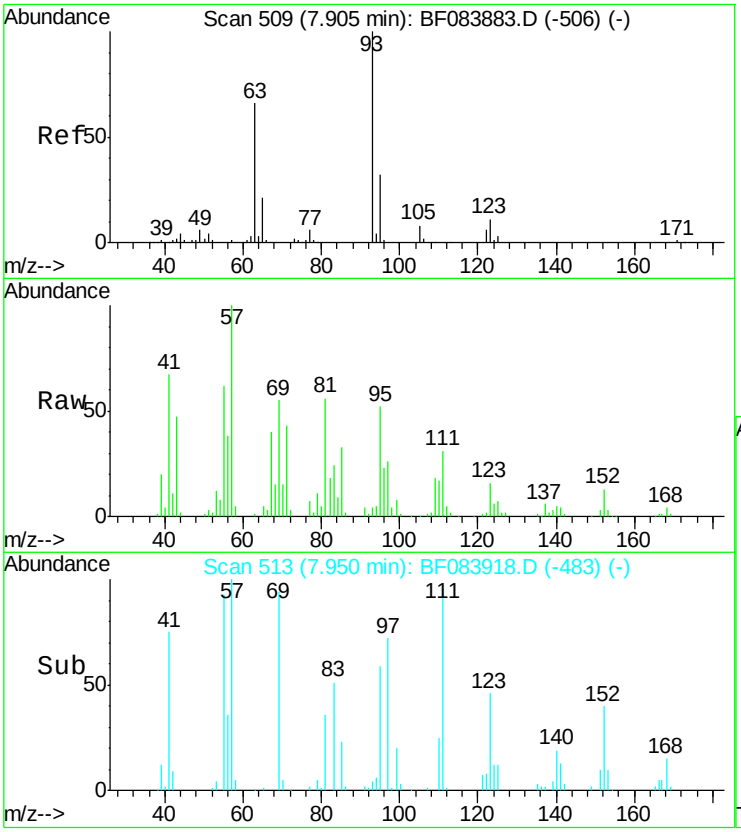


#26
2-Nitrophenol
Concen: 4.88 ng
RT: 7.79 min Scan# 499
Delta R.T. 0.01 min
Lab File: BF083918.D
Acq: 18 Dec 2015 17:40

Tgt Ion:139 Resp: 7367

Ion	Ratio	Lower	Upper
139	100		
109	202.9	25.4	38.2#
65	107.4	32.3	48.5#



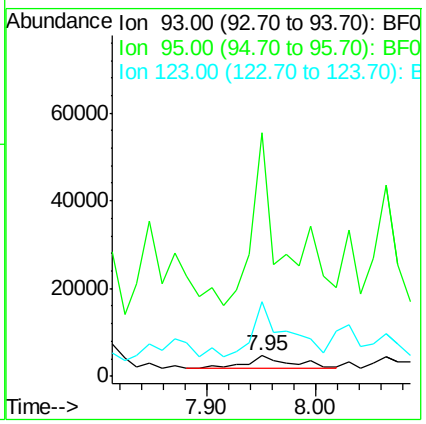


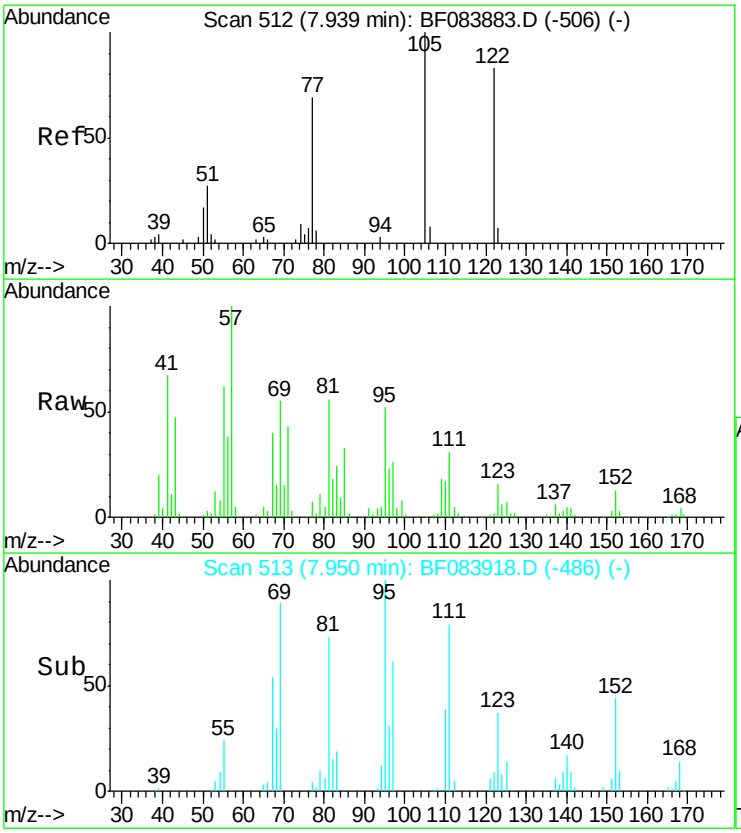
#28
bis(2-Chloroethoxy)methane
Concen: 2.57 ng
RT: 7.95 min Scan# 513
Delta R.T. 0.05 min
Lab File: BF083918.D
Acq: 18 Dec 2015 17:40

Instrument :
BNA_F
ClientSampleId :
LAR-9870

Tgt Ion: 93 Resp: 8076

Ion	Ratio	Lower	Upper
93	100		
95	1195.9	25.8	38.6#
123	364.8	8.6	12.8#

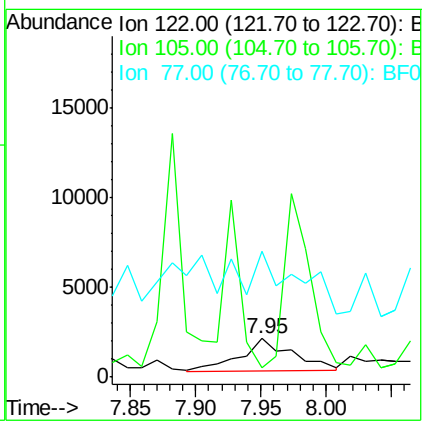


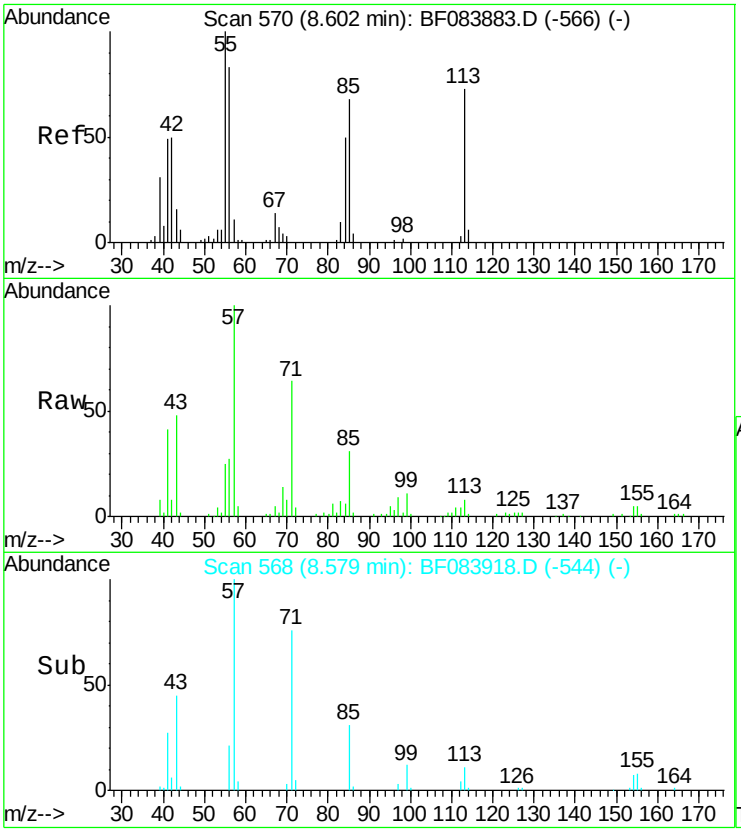


#32
Benzoic acid
Concen: 8.67 ng
RT: 7.95 min Scan# 513
Delta R.T. 0.01 min
Lab File: BF083918.D
Acq: 18 Dec 2015 17:40

Tgt Ion:122 Resp: 5116

Ion	Ratio	Lower	Upper
122	100		
105	24.1	100.3	140.3#
77	327.8	63.5	103.5#



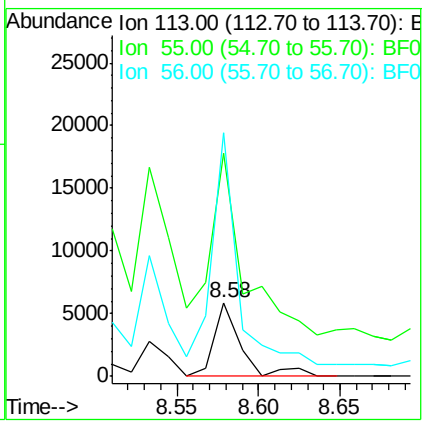


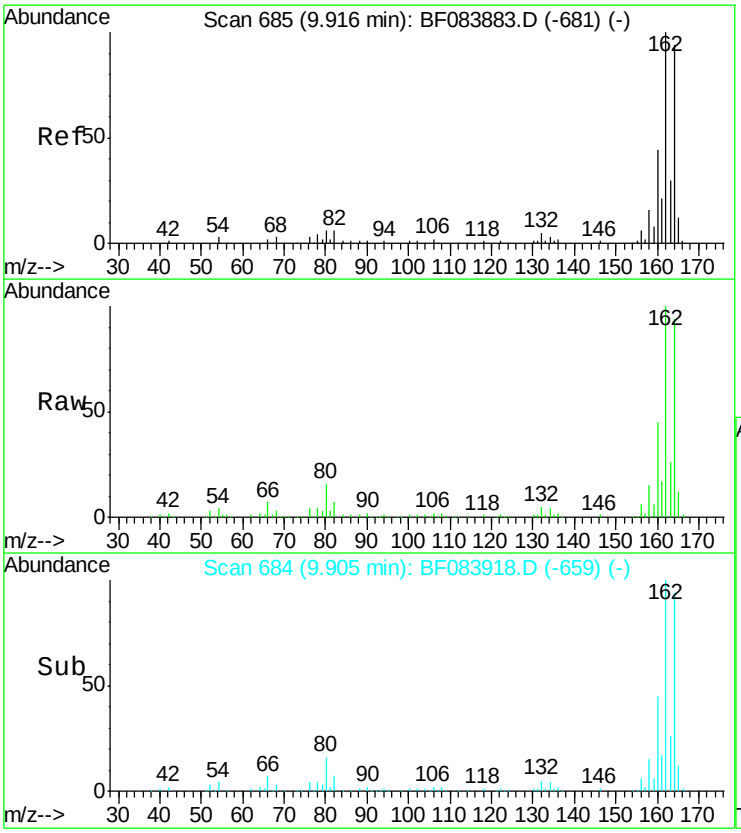
#35
Caprolactam
Concen: 8.62 ng
RT: 8.58 min Scan# 568
Delta R.T. -0.02 min
Lab File: BF083918.D
Acq: 18 Dec 2015 17:40

Instrument :
BNA_F
ClientSampleId :
LAR-9870

Tgt Ion:113 Resp: 6722

Ion	Ratio	Lower	Upper
113	100		
55	303.3	116.9	156.9#
56	330.6	93.8	133.8#

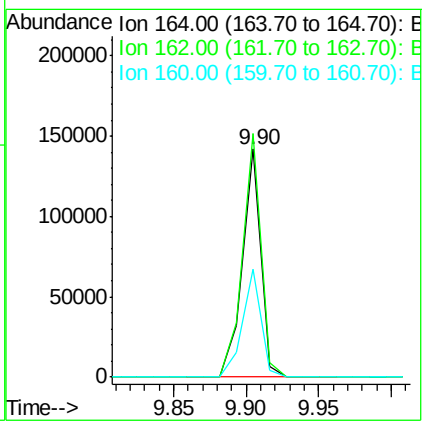


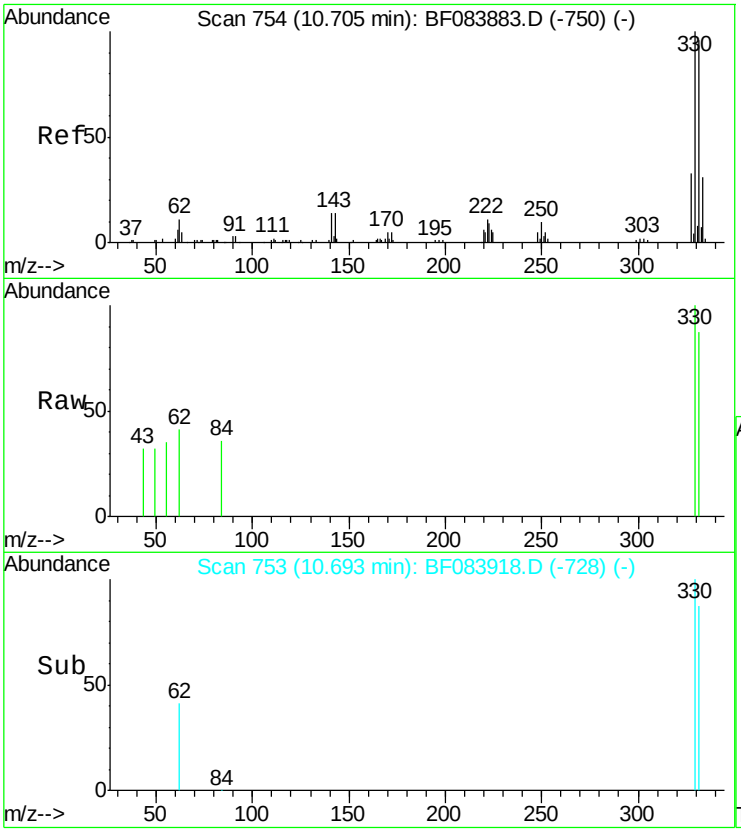


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF083918.D
Acq: 18 Dec 2015 17:40

Tgt Ion:164 Resp: 124962

Ion	Ratio	Lower	Upper
164	100		
162	106.8	85.1	127.7
160	47.6	37.5	56.3



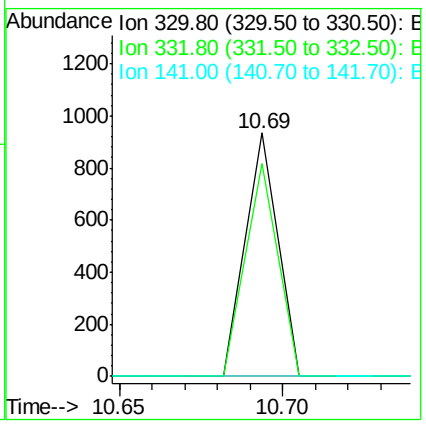


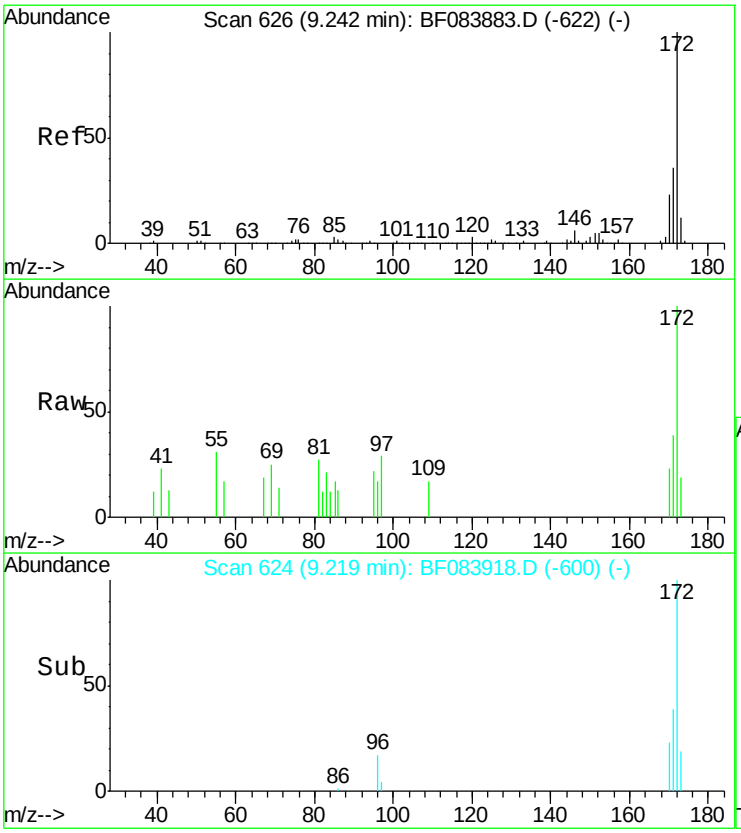
#41
2,4,6-Tribromophenol
Concen: 0.47 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF083918.D
Acq: 18 Dec 2015 17:40

Instrument :
BNA_F
ClientSampleId :
LAR-9870

Tgt Ion:330 Resp: 641

Ion	Ratio	Lower	Upper
330	100		
332	87.4	76.6	114.8
141	0.0	27.8	41.6#

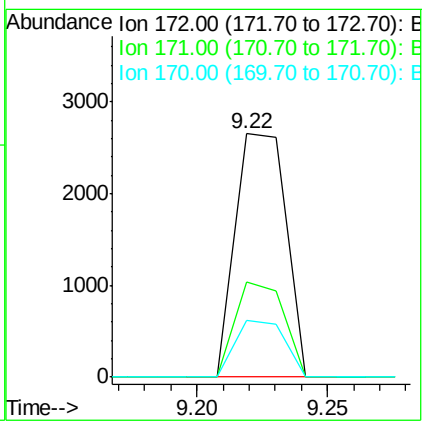


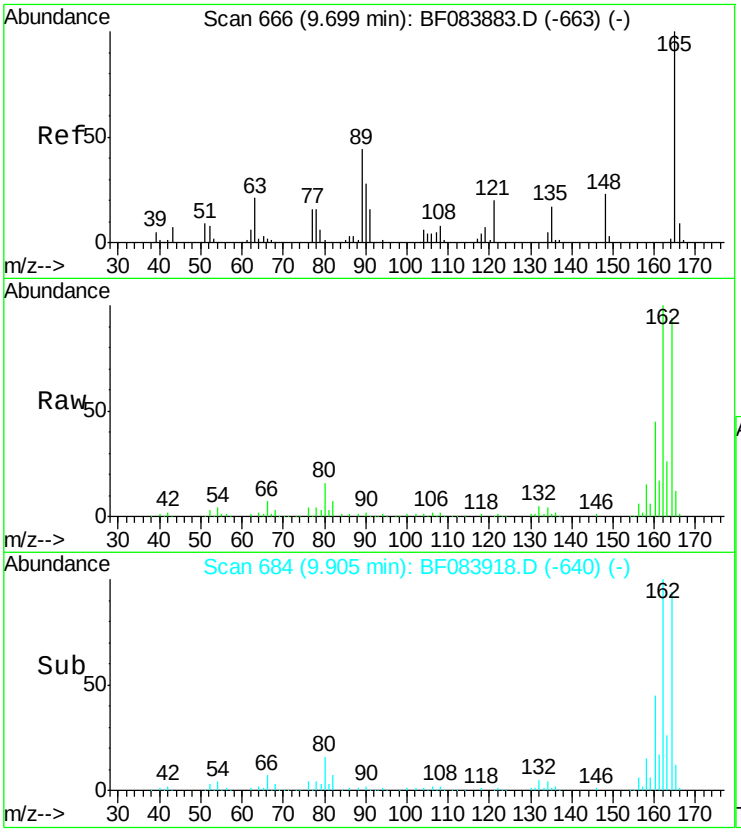


#44
2-Fluorobiphenyl
Concen: -1.00 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.02 min
Lab File: BF083918.D
Acq: 18 Dec 2015 17:40

Tgt Ion:172 Resp: 3613

Ion	Ratio	Lower	Upper
172	100		
171	39.0	28.9	43.3
170	23.3	18.6	27.8



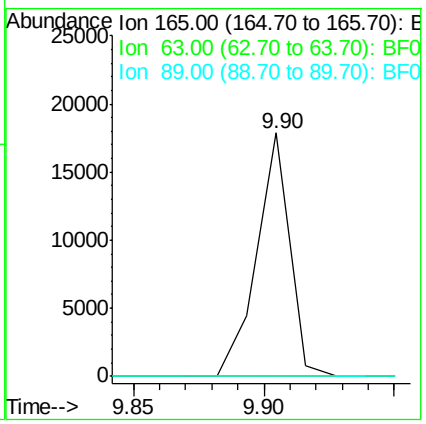


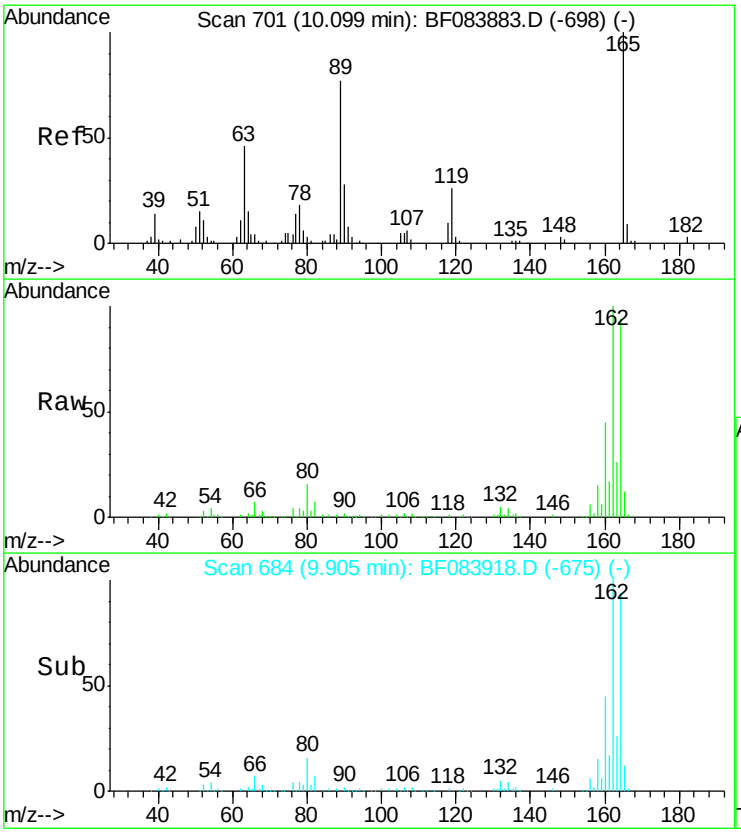
#50
2,6-Dinitrotoluene
Concen: 6.94 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.21 min
Lab File: BF083918.D
Acq: 18 Dec 2015 17:40

Instrument :
BNA_F
ClientSampleId :
LAR-9870

Tgt Ion:165 Resp: 15867

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.8	43.2#
89	0.0	35.1	52.7#

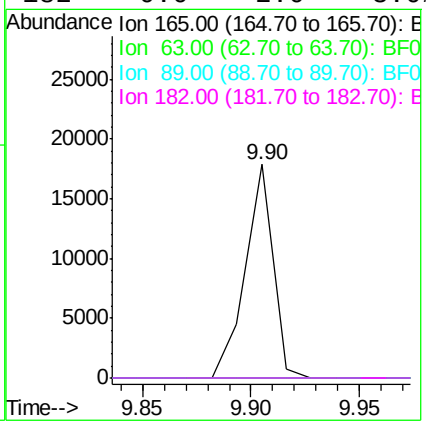


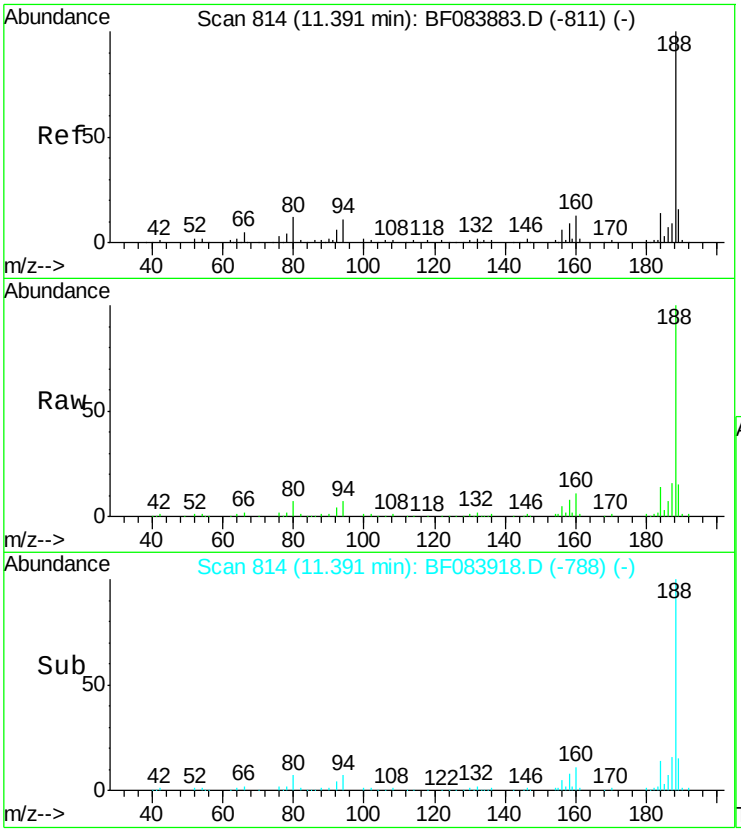


#56
2,4-Dinitrotoluene
Concen: 5.41 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.19 min
Lab File: BF083918.D
Acq: 18 Dec 2015 17:40

Tgt Ion:165 Resp: 15867

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.7	55.1#
89	0.0	61.9	92.9#
182	0.0	2.0	3.0#



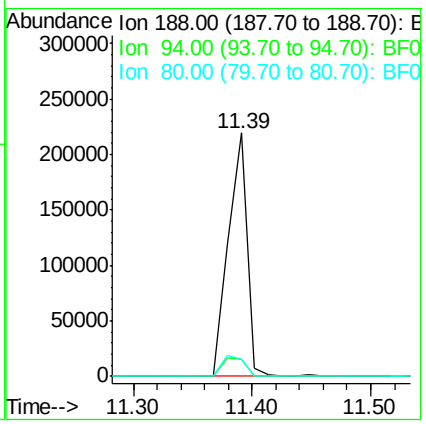


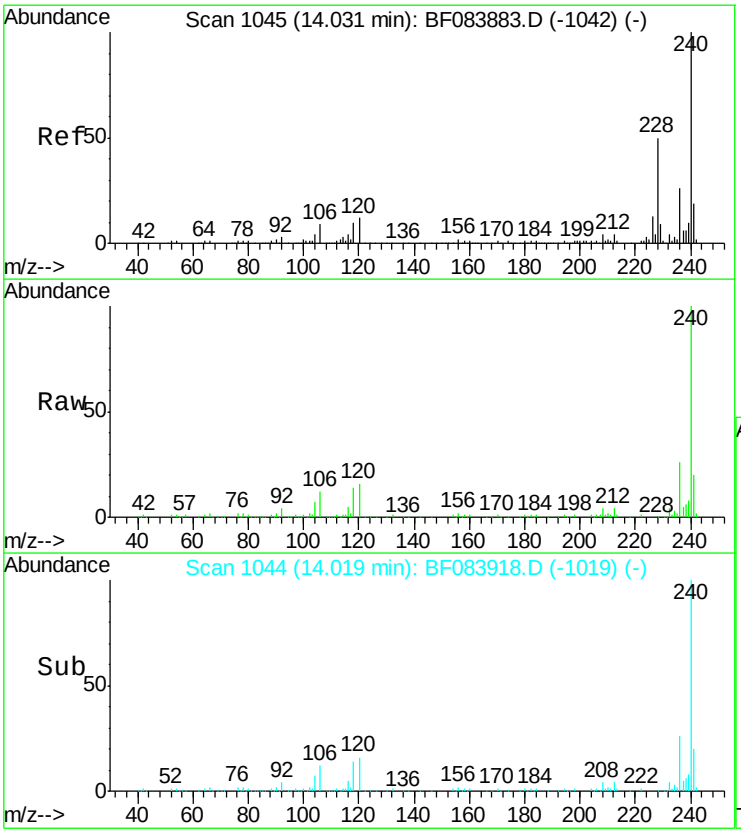
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF083918.D
Acq: 18 Dec 2015 17:40

Instrument :
BNA_F
ClientSampleId :
LAR-9870

Tgt Ion:188 Resp: 240388

Ion	Ratio	Lower	Upper
188	100		
94	6.8	9.0	13.4#
80	7.0	9.6	14.4#

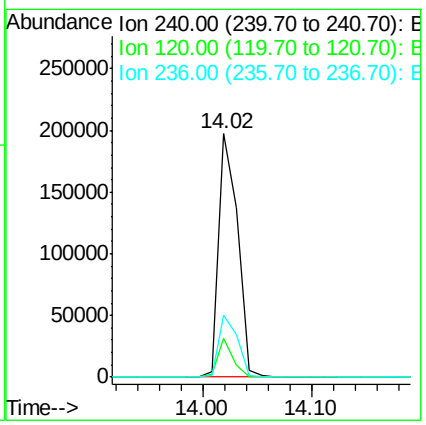


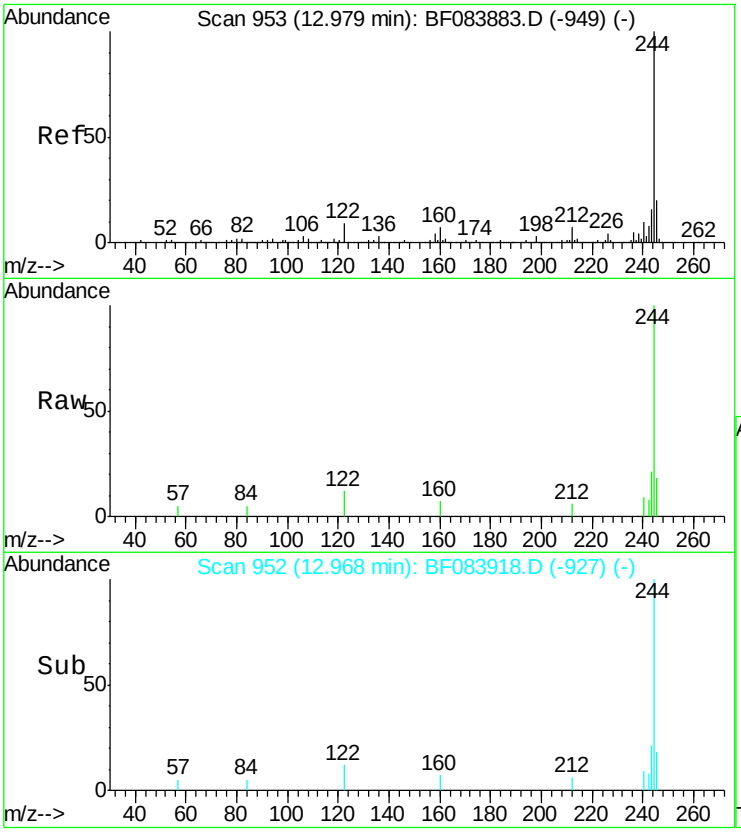


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF083918.D
Acq: 18 Dec 2015 17:40

Tgt Ion:240 Resp: 239133

Ion	Ratio	Lower	Upper
240	100		
120	15.9	9.5	14.3#
236	25.6	20.6	31.0



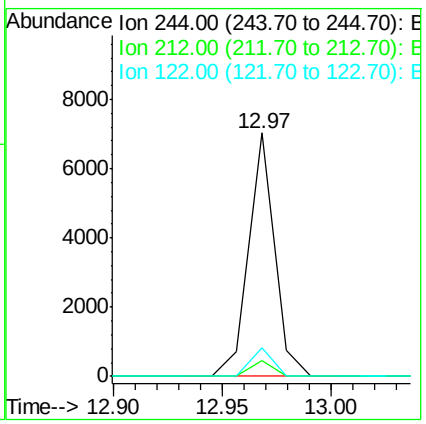


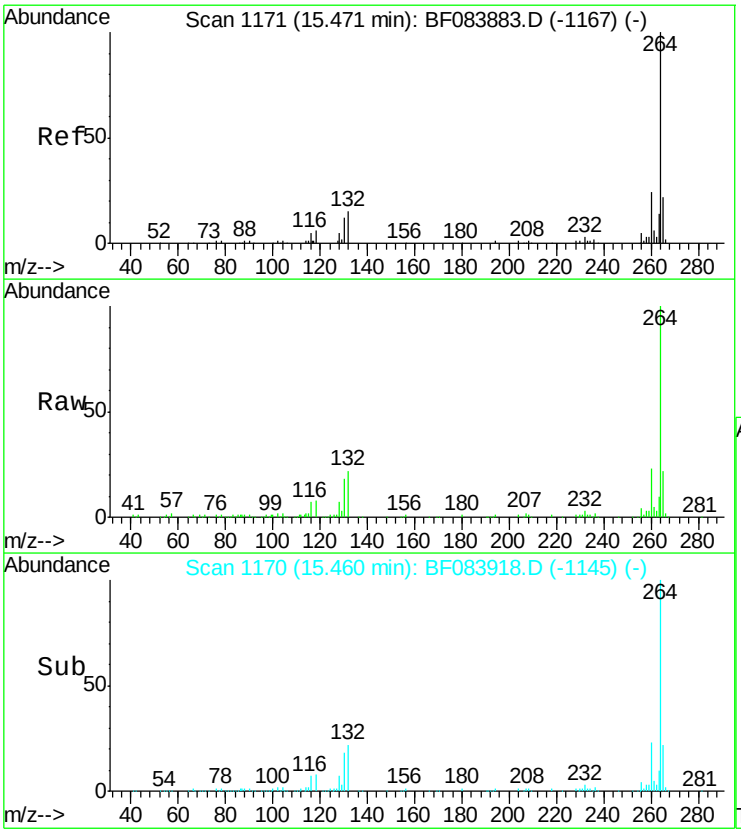
#78
Terphenyl-d14
Concen: -6.15 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF083918.D
Acq: 18 Dec 2015 17:40

Instrument :
BNA_F
ClientSampleId :
LAR-9870

Tgt Ion:244 Resp: 5843

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.7	8.5
122	11.6	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF083918.D
Acq: 18 Dec 2015 17:40

Tgt Ion:264 Resp: 189313

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.6	17.8	26.6