Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083923.D
Acq On : 18 Dec 2015 19:59
Operator : UM/SJ
Sample : G4819-01 20X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9875

Quant Time: Dec 19 04:18:03 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	66037	20.00	ng		-0.01
21) Naphthalene-d8	8.16	136	164267	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	134474	20.00	ng		-0.01
63) Phenanthrene-d10	11.39	188	258583	20.00	ng		0.00
75) Chrysene-d12	14.02	240	254555	20.00	ng		-0.01
86) Perylene-d12	15.46	264	208360	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	2584	0.61	ng		0.00
7) Phenol-d6	6.51	99	5182	1.00	ng		0.00
23) Nitrobenzene-d5	7.44	82	47189	16.40	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	621	0.42	ng		-0.01
44) 2-Fluorobiphenyl	9.22	172	4714	-1.00	ng		-0.02
78) Terphenyl-d14	12.97	244	6312	-6.14	ng		-0.01
Target Compounds							Qvalue
18) Hexachloroethane	7.37	117	5444	2.69	ng	#	1
19) n-Nitroso-di-n-propylamine	7.26	70	17552	5.83	ng	#	31
22) Acetophenone	7.26	105	28522	7.21	ng	#	1
24) Nitrobenzene	7.41	77	13034	4.38	ng	#	63
25) Isophorone	7.69	82	80999	14.96	ng	#	1
26) 2-Nitrophenol	7.79	139	7665	4.97	ng	#	1
27) 2,4-Dimethylphenol	7.81	122	10388	3.91	ng	#	1
28) bis(2-Chloroethoxy)methane	7.95	93	8008	2.50	ng	#	1
32) Benzoic acid	7.95	122	7184	11.18	ng	#	1
33) 4-Chloroaniline	8.28	127	7579	2.03	ng	#	52
35) Caprolactam	8.58	113	8110	10.19	ng	#	1
36) 4-Chloro-3-methylphenol	8.70	107	1701	Below Cal		#	20
45) 1,1'-Biphenyl	9.32	154	1769	Below Cal			88
50) 2,6-Dinitrotoluene	9.90	165	17727	7.20	ng	#	36
56) 2,4-Dinitrotoluene	9.90	165	17727	5.62	ng	#	21

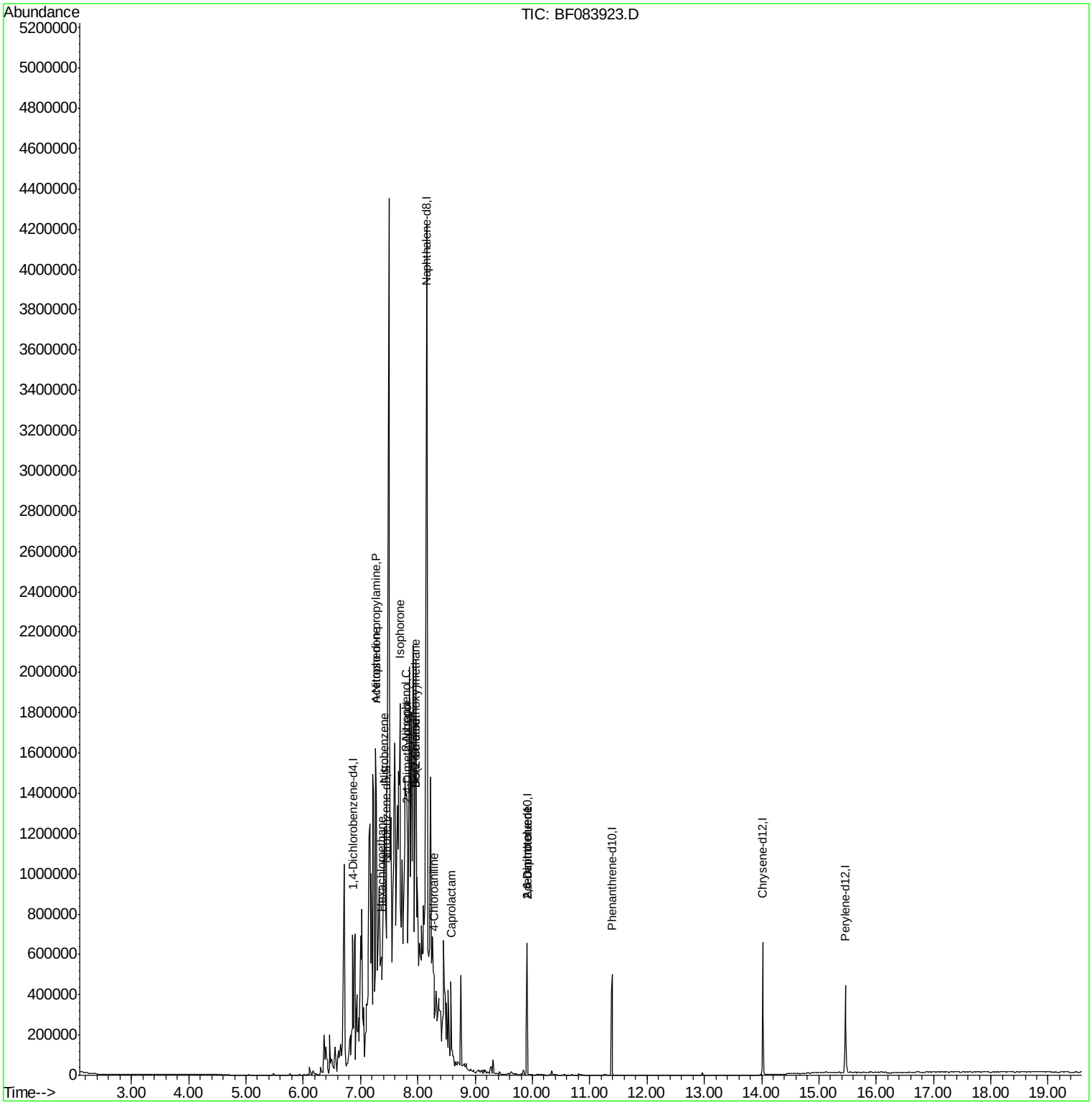
(#) = qualifier out of range (m) = manual integration (+) = signals summed

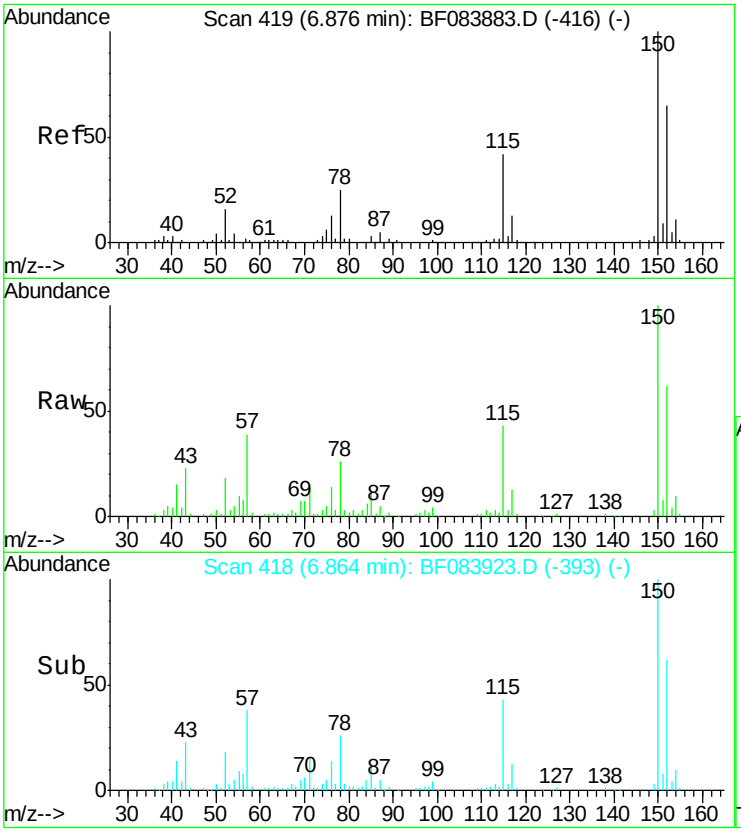
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083923.D
Acq On : 18 Dec 2015 19:59
Operator : UM/SJ
Sample : G4819-01 20X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAR-9875

Quant Time: Dec 19 04:18:03 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



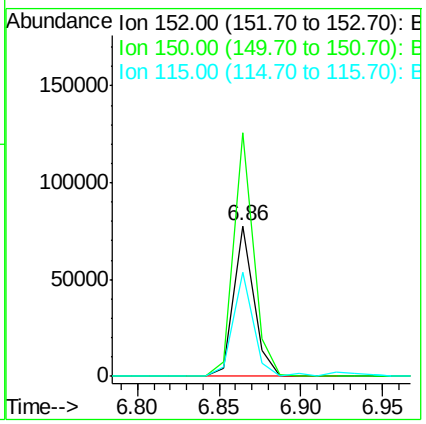


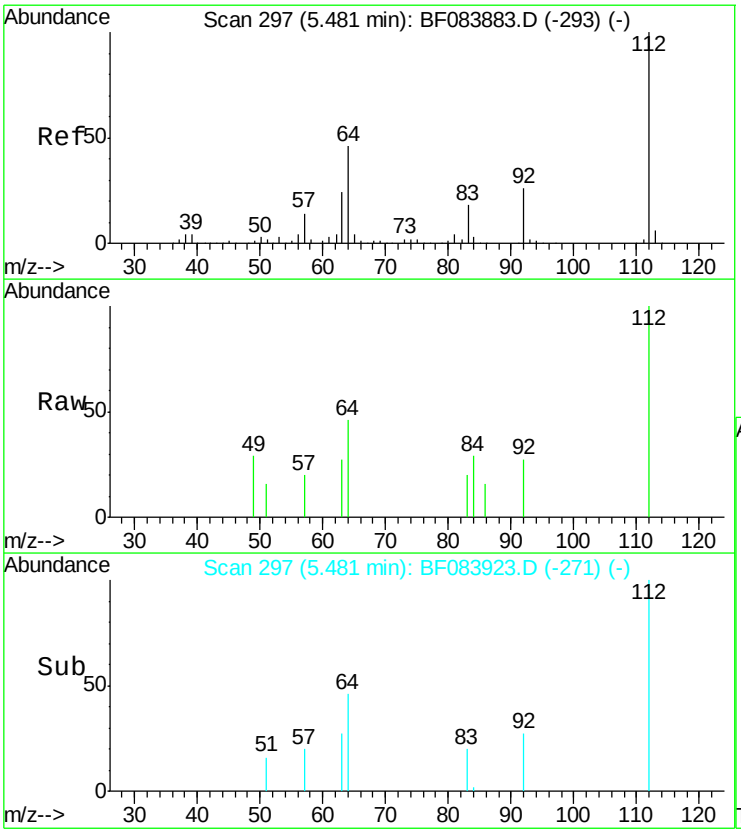
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF083923.D
Acq: 18 Dec 2015 19:59

Instrument :
BNA_F
ClientSampleId :
LAR-9875

Tgt Ion:152 Resp: 66037

Ion	Ratio	Lower	Upper
152	100		
150	161.8	123.0	184.4
115	68.9	51.4	77.2

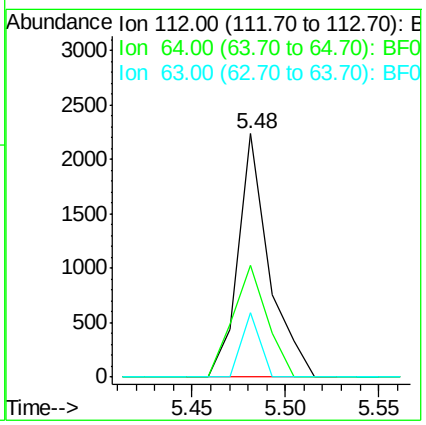


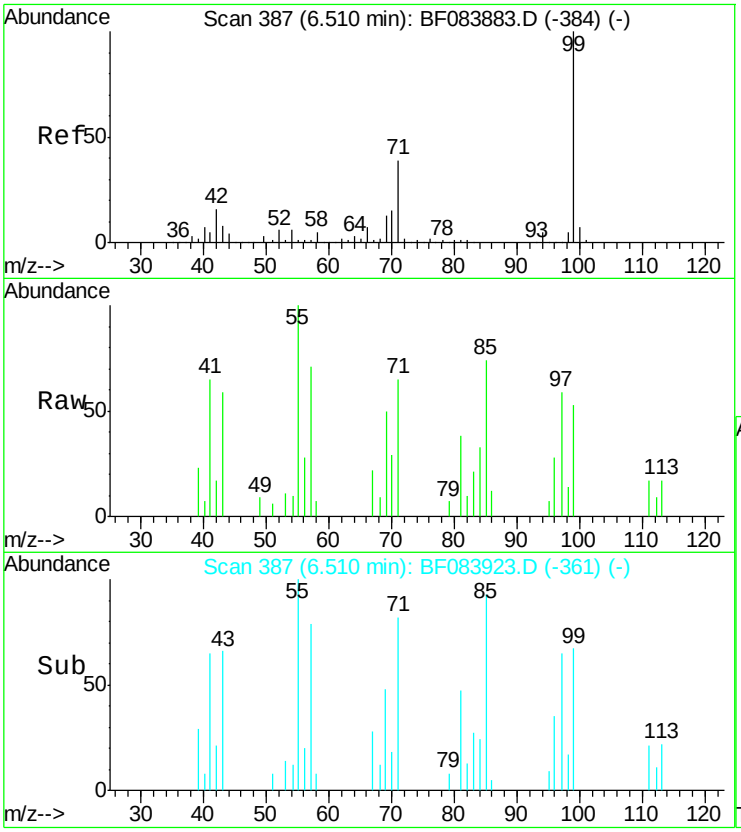


#5
2-Fluorophenol
Concen: 0.61 ng
RT: 5.48 min Scan# 297
Delta R.T. -0.00 min
Lab File: BF083923.D
Acq: 18 Dec 2015 19:59

Tgt Ion:112 Resp: 2584

Ion	Ratio	Lower	Upper
112	100		
64	45.8	36.6	55.0
63	26.6	19.4	29.0



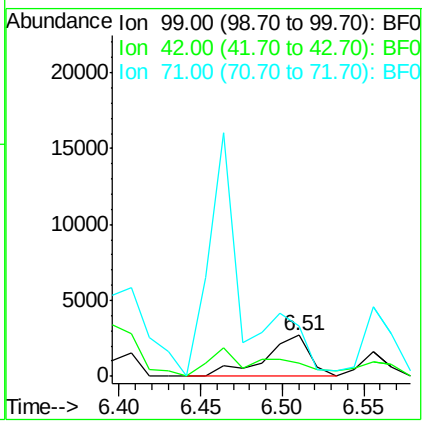


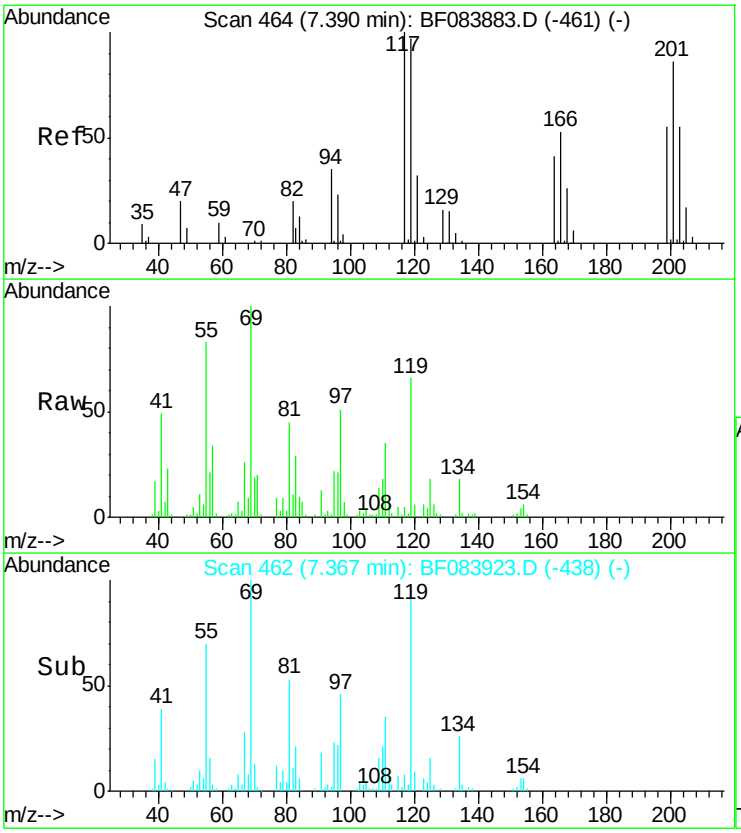
#7
Phenol-d6
Concen: 1.00 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.00 min
Lab File: BF083923.D
Acq: 18 Dec 2015 19:59

Instrument :
BNA_F
ClientSampleId :
LAR-9875

Tgt Ion: 99 Resp: 5182

Ion	Ratio	Lower	Upper
99	100		
42	31.3	12.8	19.2#
71	122.4	30.9	46.3#

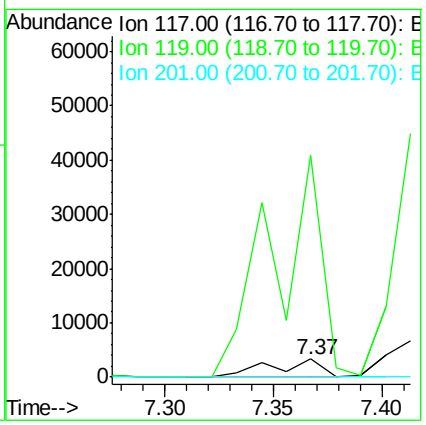


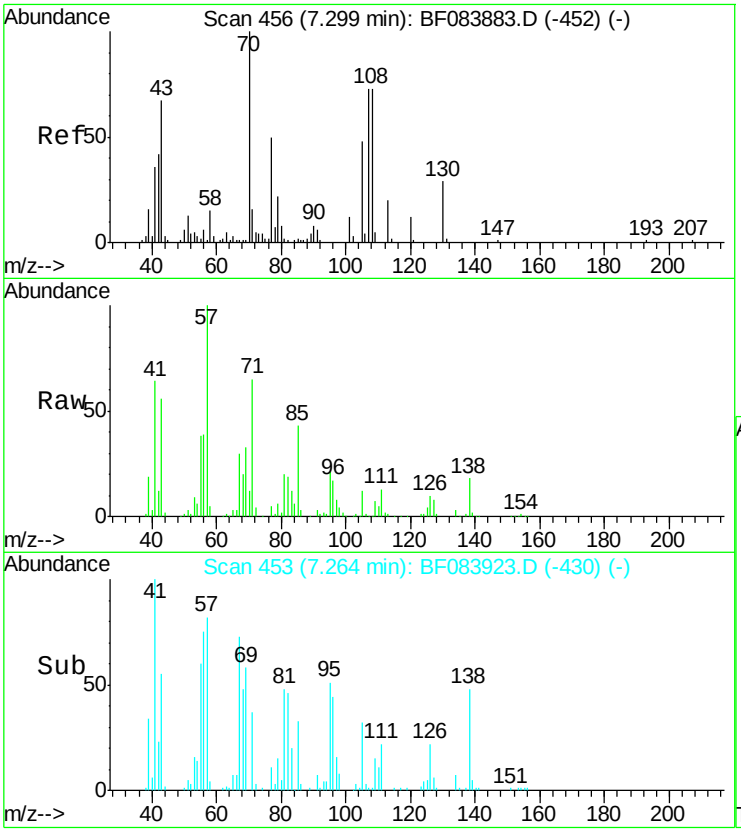


#18
Hexachloroethane
Concen: 2.69 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF083923.D
Acq: 18 Dec 2015 19:59

Tgt Ion:117 Resp: 5444

Ion	Ratio	Lower	Upper
117	100		
119	1219.0	77.4	116.0#
201	0.0	68.6	103.0#



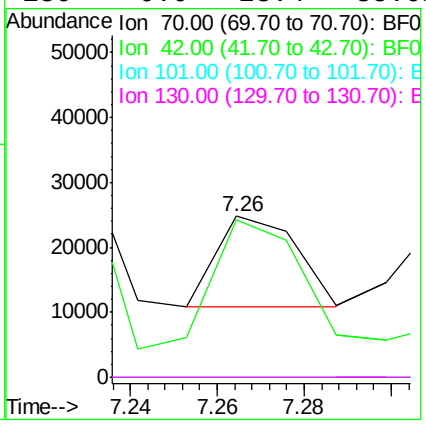


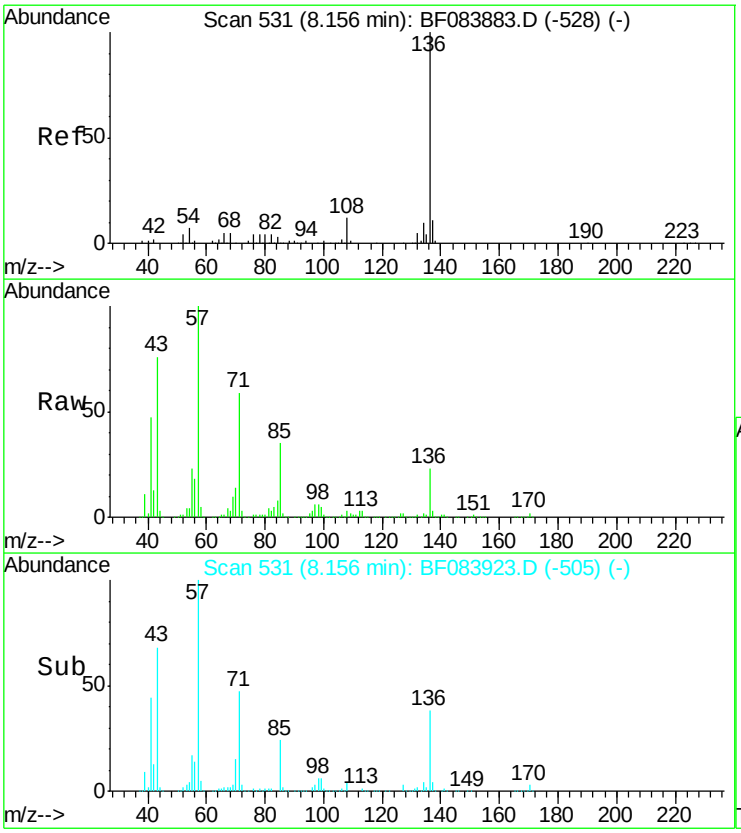
#19
n-Nitroso-di-n-propylamine
Concen: 5.83 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.03 min
Lab File: BF083923.D
Acq: 18 Dec 2015 19:59

Instrument :
BNA_F
ClientSampleId :
LAR-9875

Tgt Ion: 70 Resp: 17552

Ion	Ratio	Lower	Upper
70	100		
42	97.8	33.3	49.9#
101	0.0	9.3	13.9#
130	0.0	23.4	35.0#

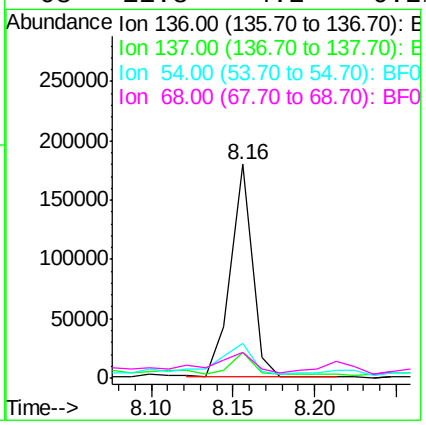


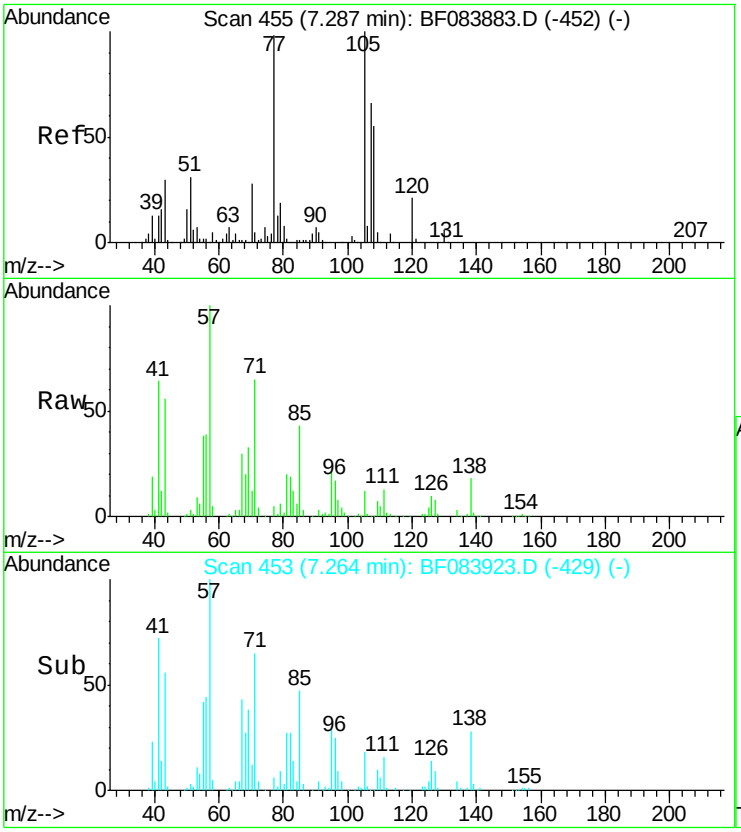


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF083923.D
Acq: 18 Dec 2015 19:59

Tgt Ion:136 Resp: 164267

Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.7	13.1
54	16.2	5.8	8.8#
68	11.8	4.2	6.2#



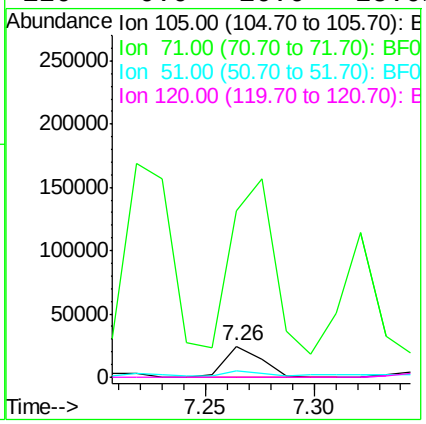


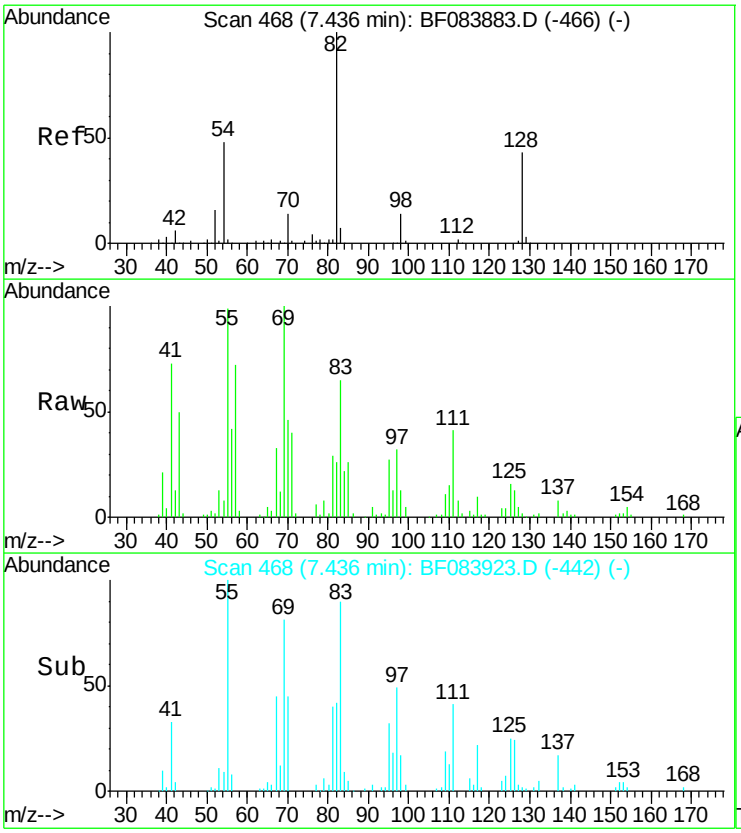
#22
Acetophenone
Concen: 7.21 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF083923.D
Acq: 18 Dec 2015 19:59

Instrument :
BNA_F
ClientSampleId :
LAR-9875

Tgt Ion:105 Resp: 28522

Ion	Ratio	Lower	Upper
105	100		
71	540.2	3.7	5.5#
51	21.4	25.1	37.7#
120	0.0	16.6	25.0#

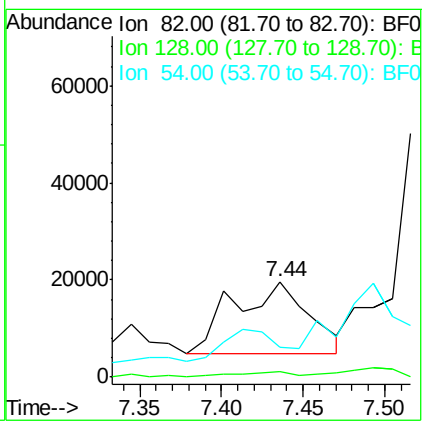


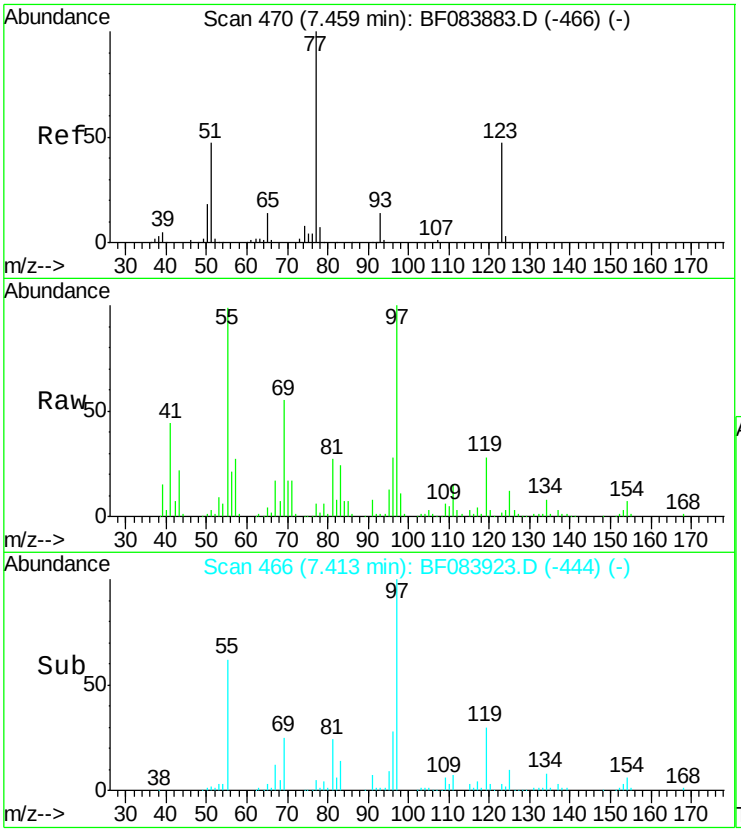


#23
Nitrobenzene-d5
Concen: 16.40 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF083923.D
Acq: 18 Dec 2015 19:59

Tgt Ion: 82 Resp: 47189

Ion	Ratio	Lower	Upper
82	100		
128	5.9	34.6	51.8#
54	30.9	38.4	57.6#



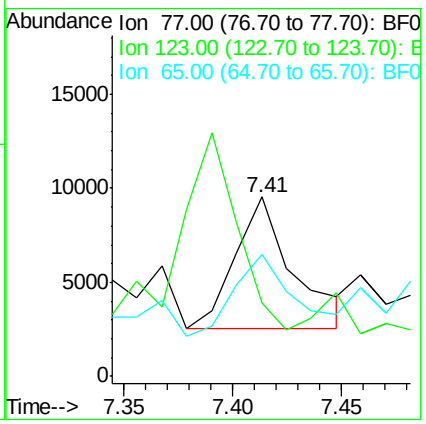


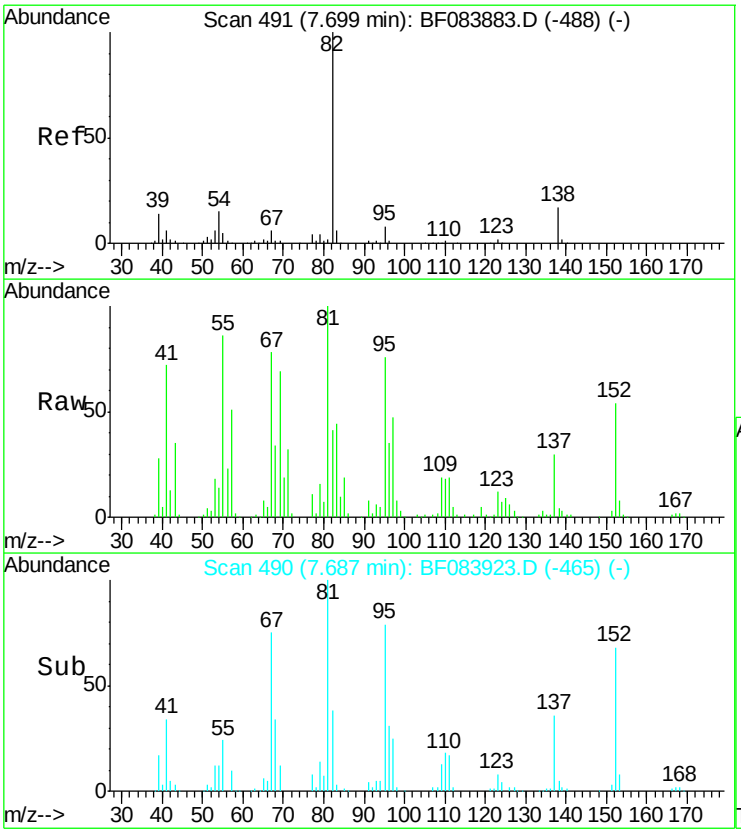
#24
Nitrobenzene
Concen: 4.38 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.05 min
Lab File: BF083923.D
Acq: 18 Dec 2015 19:59

Instrument :
BNA_F
ClientSampleId :
LAR-9875

Tgt Ion: 77 Resp: 13034

Ion	Ratio	Lower	Upper
77	100		
123	41.1	37.4	56.2
65	67.8	10.9	16.3#

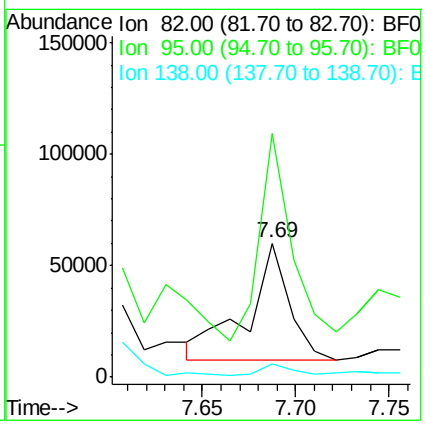


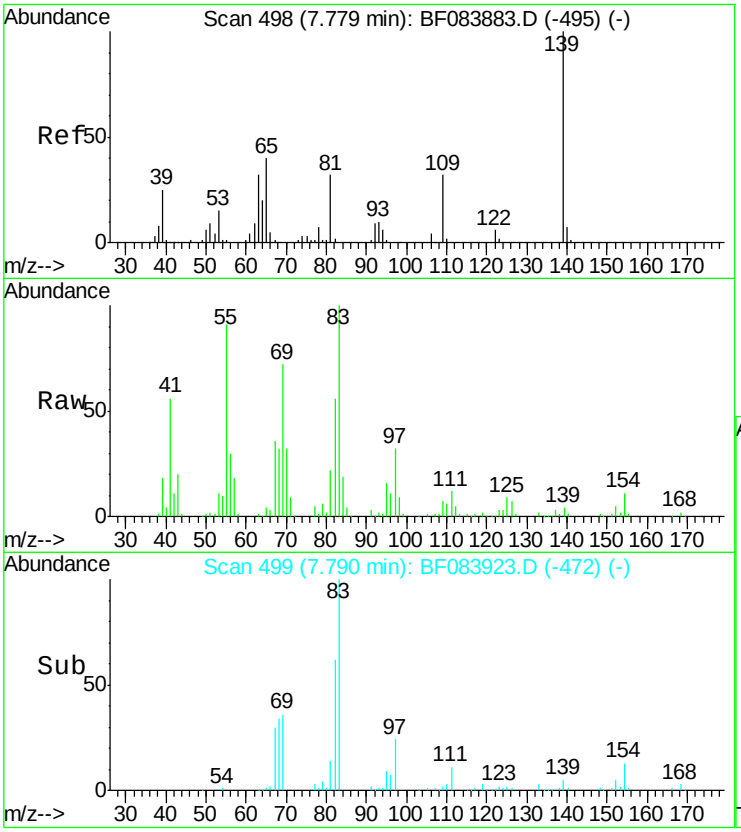


#25
Isophorone
Concen: 14.96 ng
RT: 7.69 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF083923.D
Acq: 18 Dec 2015 19:59

Tgt Ion: 82 Resp: 80999

Ion	Ratio	Lower	Upper
82	100		
95	182.3	6.6	10.0#
138	9.6	13.6	20.4#



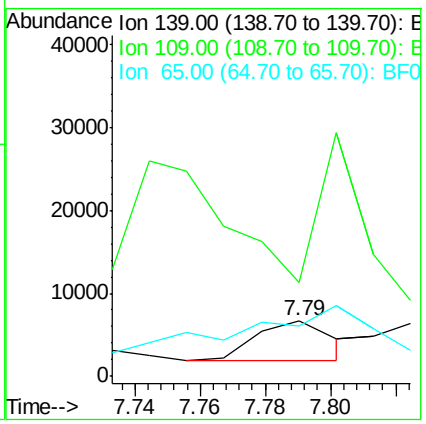


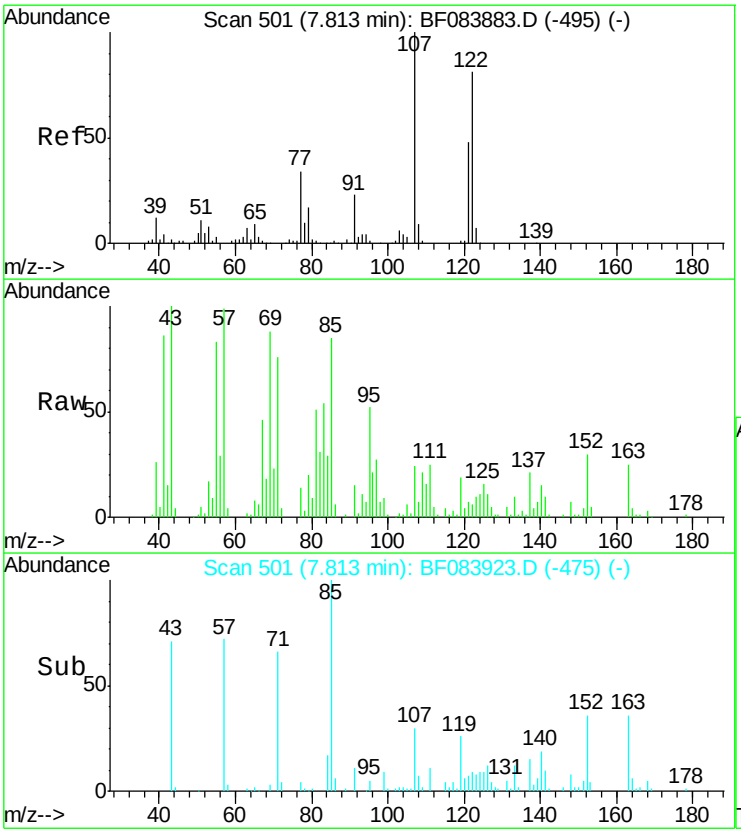
#26
2-Nitrophenol
Concen: 4.97 ng
RT: 7.79 min Scan# 499
Delta R.T. 0.01 min
Lab File: BF083923.D
Acq: 18 Dec 2015 19:59

Instrument :
BNA_F
ClientSampleId :
LAR-9875

Tgt Ion:139 Resp: 7665

Ion	Ratio	Lower	Upper
139	100		
109	169.0	25.4	38.2#
65	90.7	32.3	48.5#

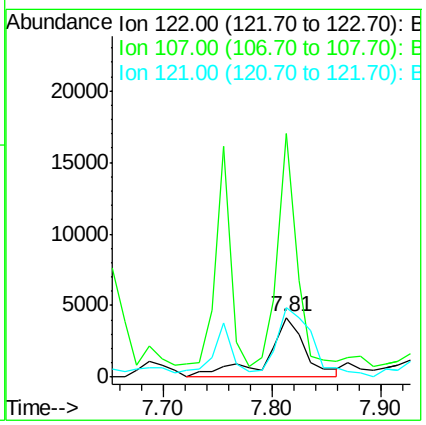


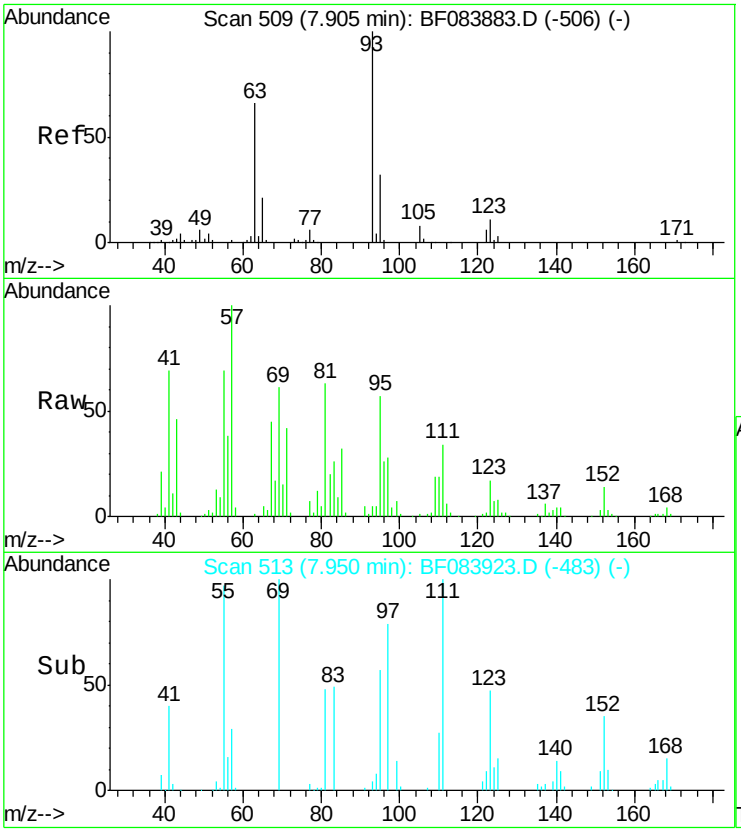


#27
2,4-Dimethylphenol
Concen: 3.91 ng
RT: 7.81 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF083923.D
Acq: 18 Dec 2015 19:59

Tgt Ion:122 Resp: 10388

Ion	Ratio	Lower	Upper
122	100		
107	406.2	99.1	148.7#
121	116.6	47.9	71.9#



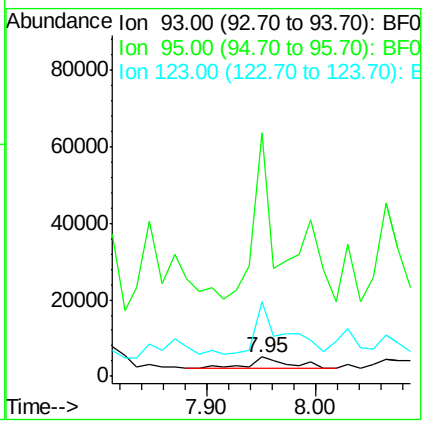


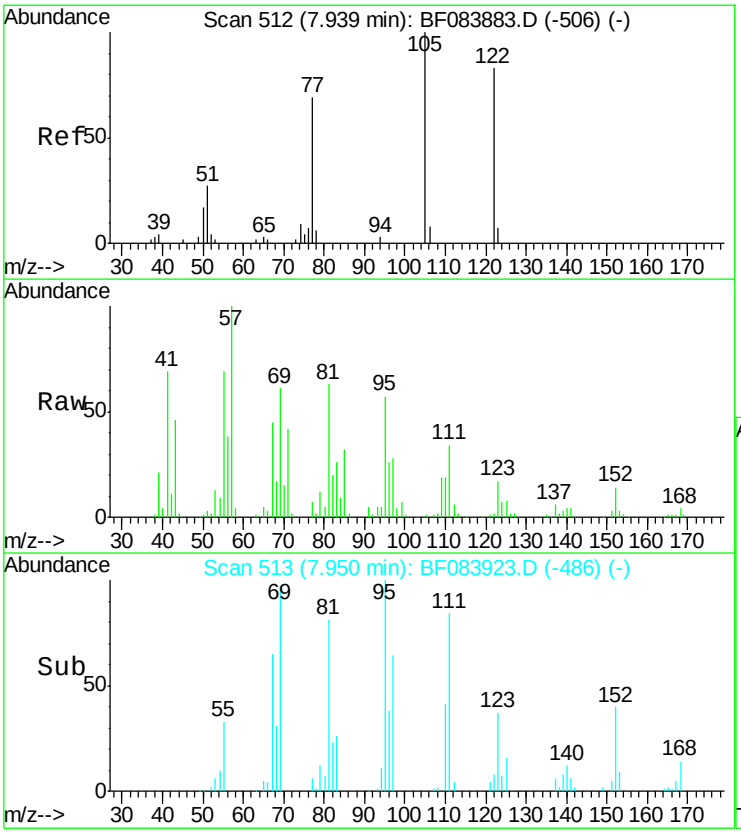
#28
bis(2-Chloroethoxy)methane
Concen: 2.50 ng
RT: 7.95 min Scan# 513
Delta R.T. 0.05 min
Lab File: BF083923.D
Acq: 18 Dec 2015 19:59

Instrument :
BNA_F
ClientSampleId :
LAR-9875

Tgt Ion: 93 Resp: 8008

Ion	Ratio	Lower	Upper
93	100		
95	1247.0	25.8	38.6#
123	383.2	8.6	12.8#

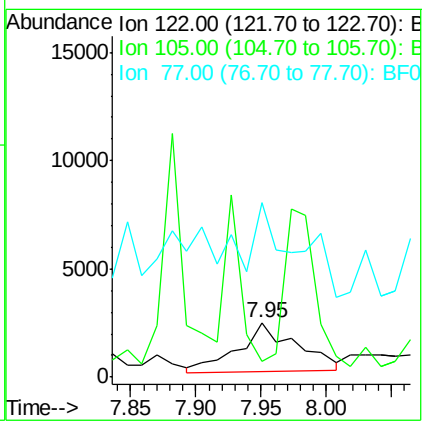


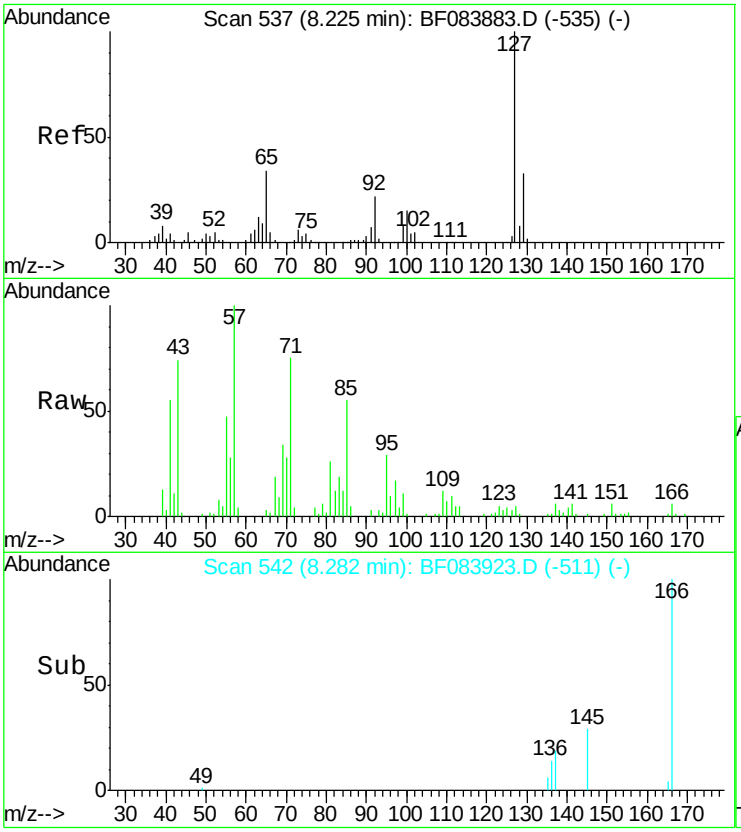


#32
Benzoic acid
Concen: 11.18 ng
RT: 7.95 min Scan# 513
Delta R.T. 0.01 min
Lab File: BF083923.D
Acq: 18 Dec 2015 19:59

Tgt Ion:122 Resp: 7184

Ion	Ratio	Lower	Upper
122	100		
105	27.6	100.3	140.3#
77	319.3	63.5	103.5#



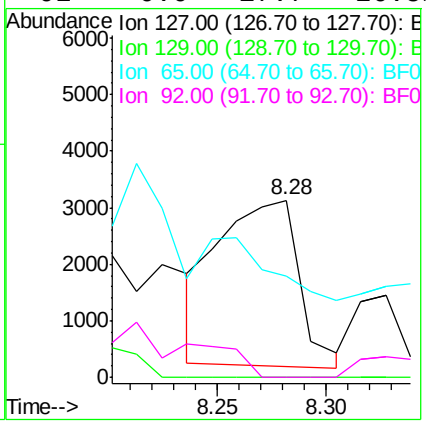


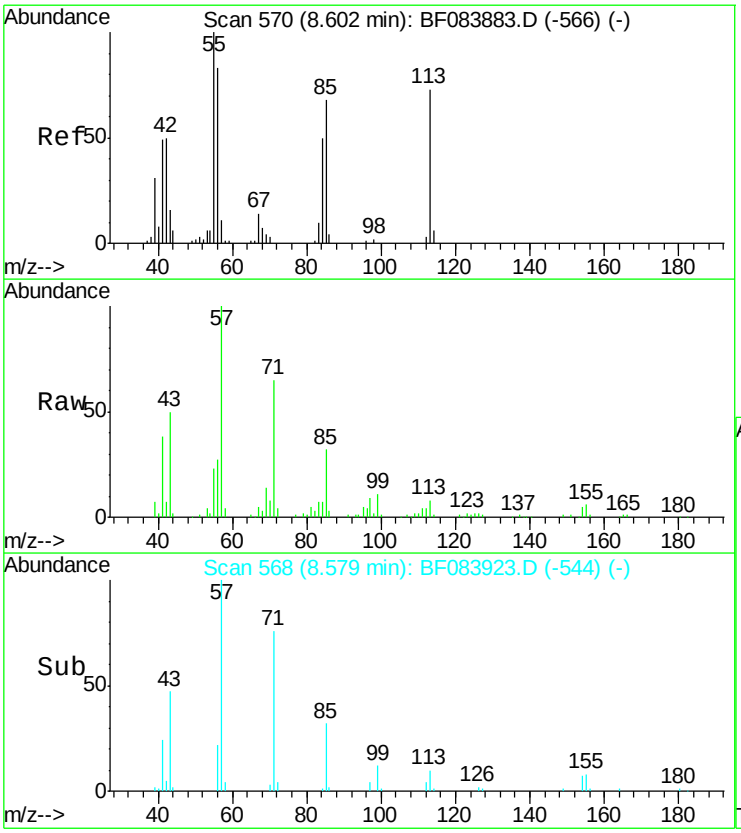
#33
4-Chloroaniline
Concen: 2.03 ng
RT: 8.28 min Scan# 542
Delta R.T. 0.06 min
Lab File: BF083923.D
Acq: 18 Dec 2015 19:59

Instrument :
BNA_F
ClientSampleId :
LAR-9875

Tgt Ion:127 Resp: 7579

Ion	Ratio	Lower	Upper
127	100		
129	0.0	26.5	39.7#
65	56.9	27.2	40.8#
92	0.0	17.7	26.5#

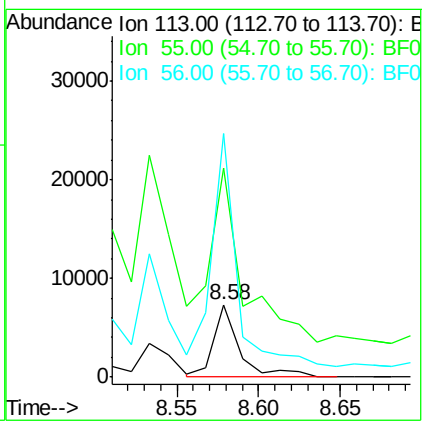


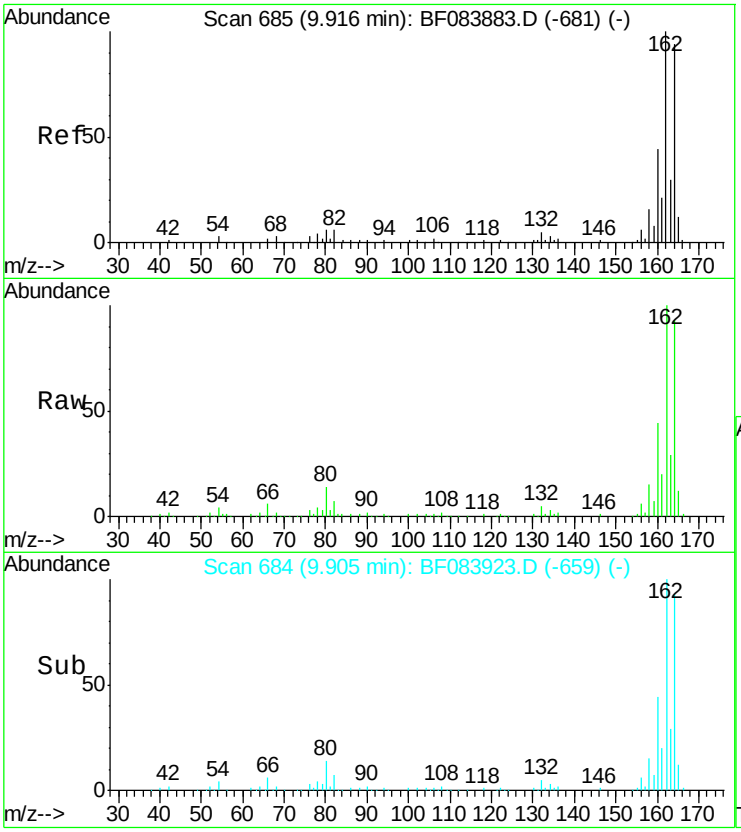


#35
Caprolactam
Concen: 10.19 ng
RT: 8.58 min Scan# 568
Delta R.T. -0.02 min
Lab File: BF083923.D
Acq: 18 Dec 2015 19:59

Tgt Ion:113 Resp: 8110

Ion	Ratio	Lower	Upper
113	100		
55	288.4	116.9	156.9#
56	335.5	93.8	133.8#



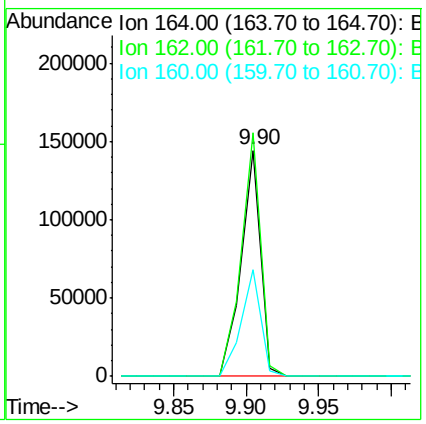


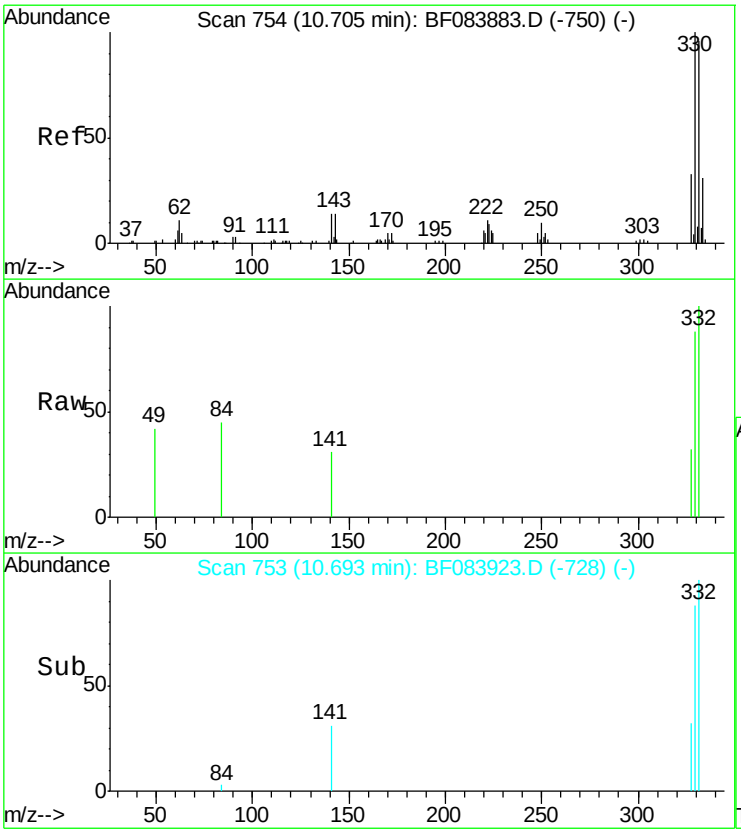
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF083923.D
Acq: 18 Dec 2015 19:59

Instrument :
BNA_F
ClientSampleId :
LAR-9875

Tgt Ion:164 Resp: 134474

Ion	Ratio	Lower	Upper
164	100		
162	107.7	85.1	127.7
160	47.3	37.5	56.3

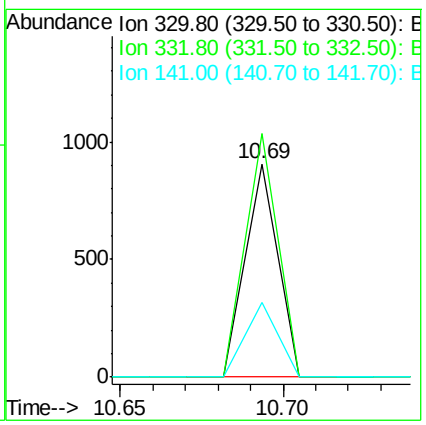


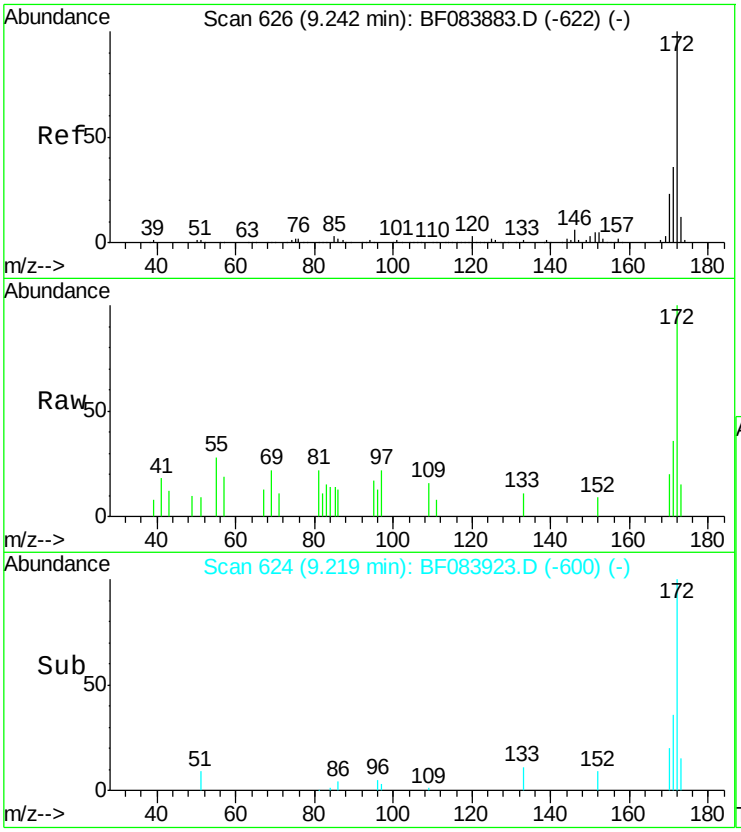


#41
2,4,6-Tribromophenol
Concen: 0.42 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF083923.D
Acq: 18 Dec 2015 19:59

Tgt Ion:330 Resp: 621

Ion	Ratio	Lower	Upper
330	100		
332	114.3	76.6	114.8
141	34.9	27.8	41.6



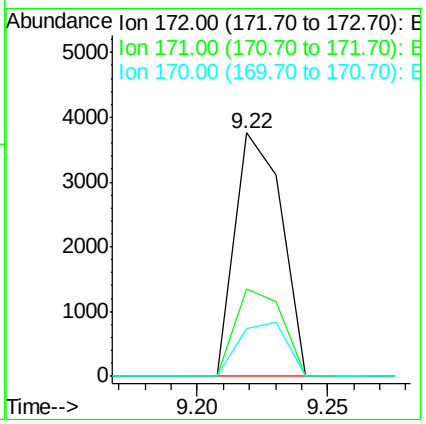


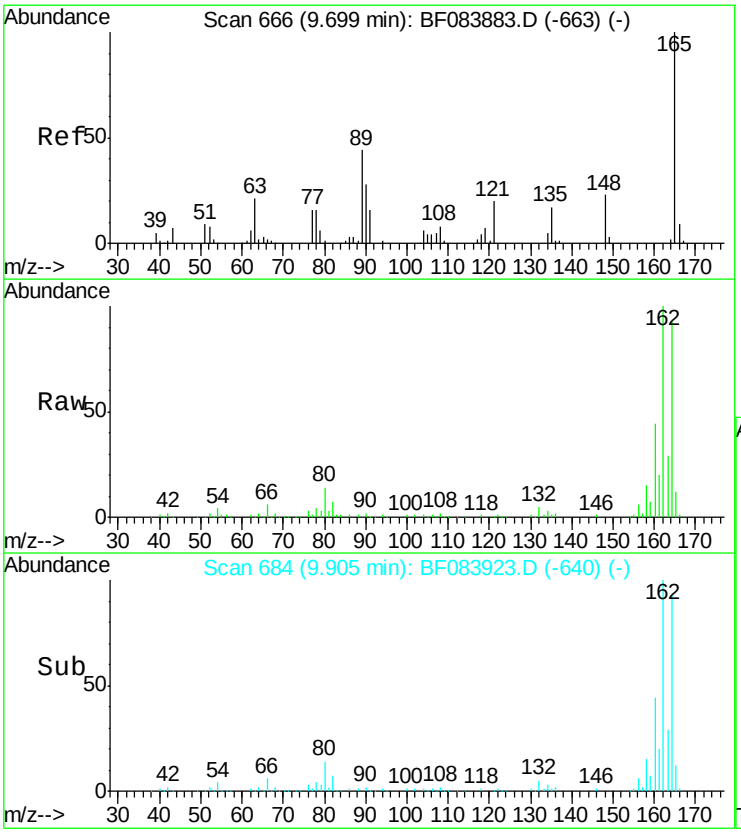
#44
2-Fluorobiphenyl
Concen: -1.00 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.02 min
Lab File: BF083923.D
Acq: 18 Dec 2015 19:59

Instrument :
BNA_F
ClientSampleId :
LAR-9875

Tgt Ion:172 Resp: 4714

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	19.7	18.6	27.8

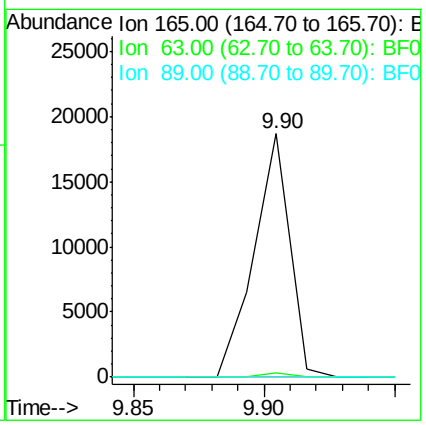


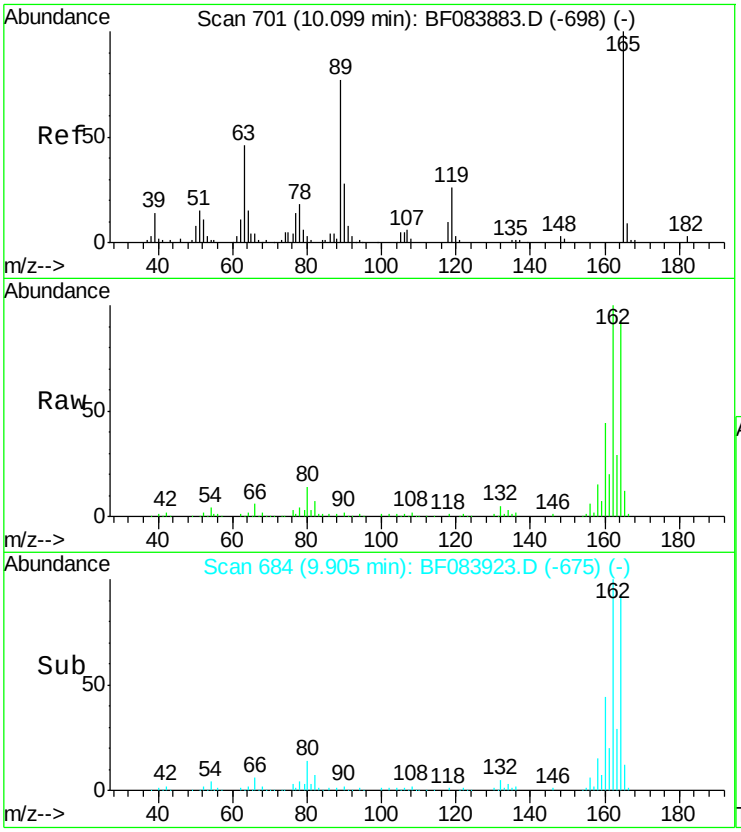


#50
2,6-Dinitrotoluene
Concen: 7.20 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.21 min
Lab File: BF083923.D
Acq: 18 Dec 2015 19:59

Tgt Ion:165 Resp: 17727

Ion	Ratio	Lower	Upper
165	100		
63	1.8	28.8	43.2#
89	0.0	35.1	52.7#



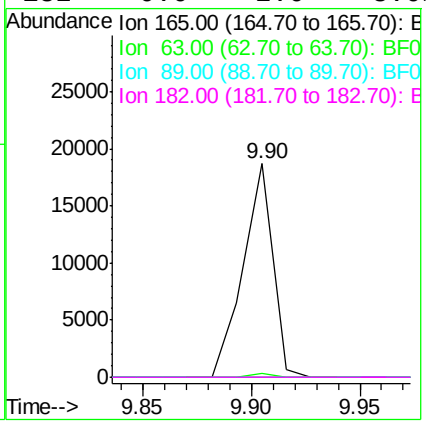


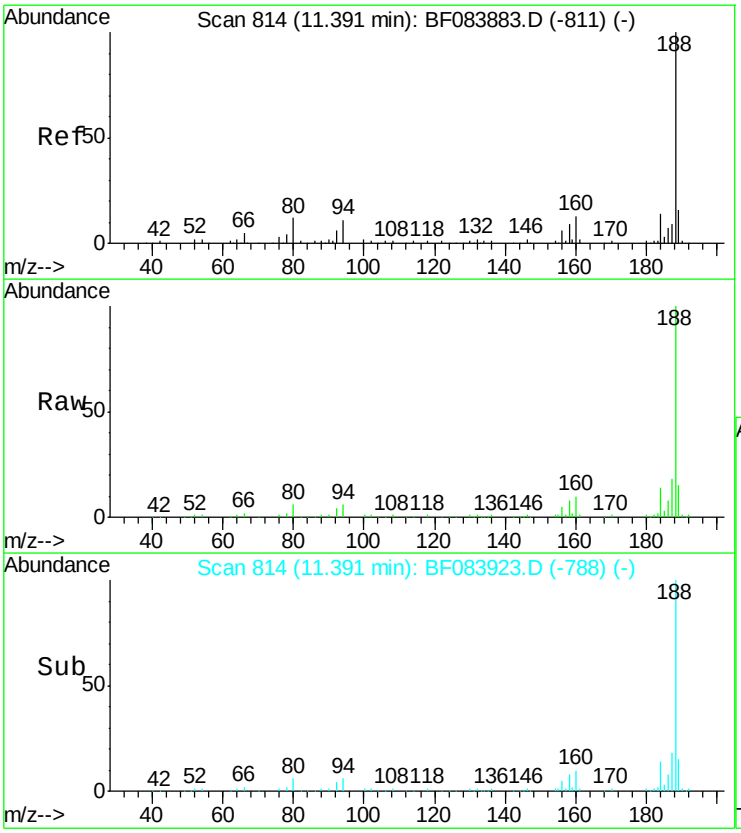
#56
2,4-Dinitrotoluene
Concen: 5.62 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.19 min
Lab File: BF083923.D
Acq: 18 Dec 2015 19:59

Instrument :
BNA_F
ClientSampleId :
LAR-9875

Tgt Ion:165 Resp: 17727

Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.7	55.1#
89	0.0	61.9	92.9#
182	0.0	2.0	3.0#

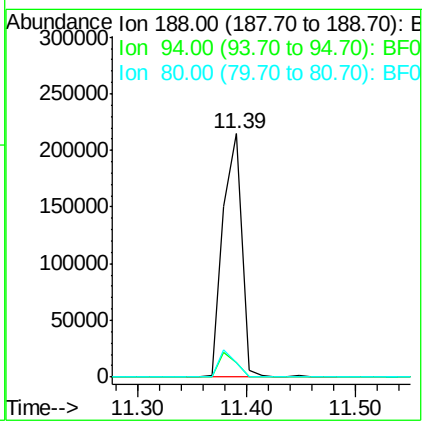


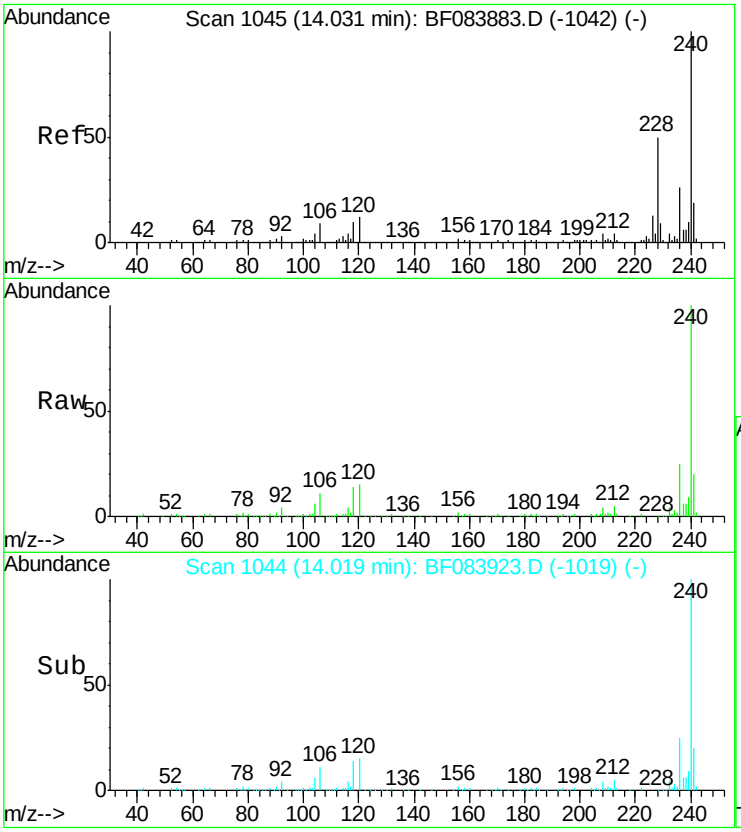


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF083923.D
Acq: 18 Dec 2015 19:59

Tgt Ion:188 Resp: 258583

Ion	Ratio	Lower	Upper
188	100		
94	5.8	9.0	13.4#
80	6.0	9.6	14.4#



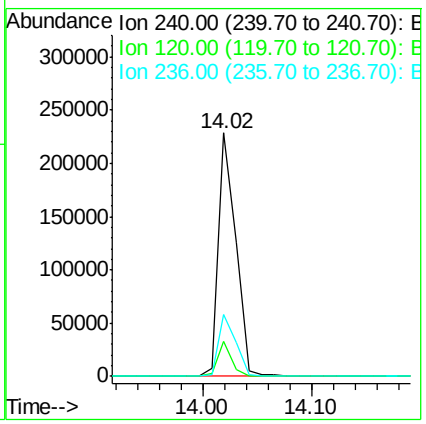


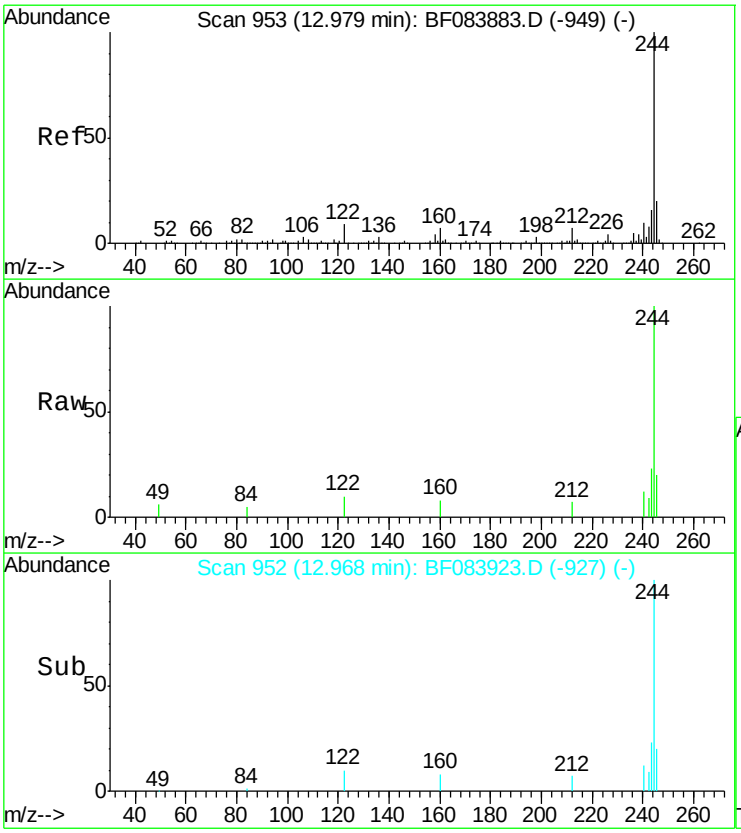
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF083923.D
Acq: 18 Dec 2015 19:59

Instrument :
BNA_F
ClientSampleId :
LAR-9875

Tgt Ion:240 Resp: 254555

Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.5	14.3#
236	25.3	20.6	31.0

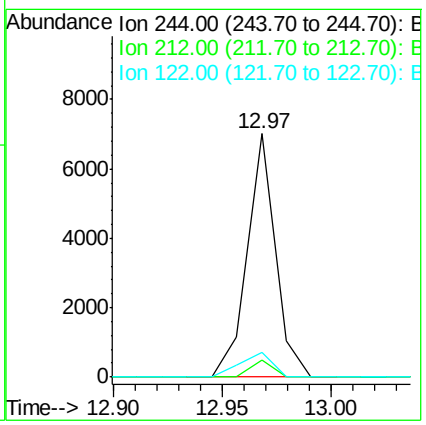


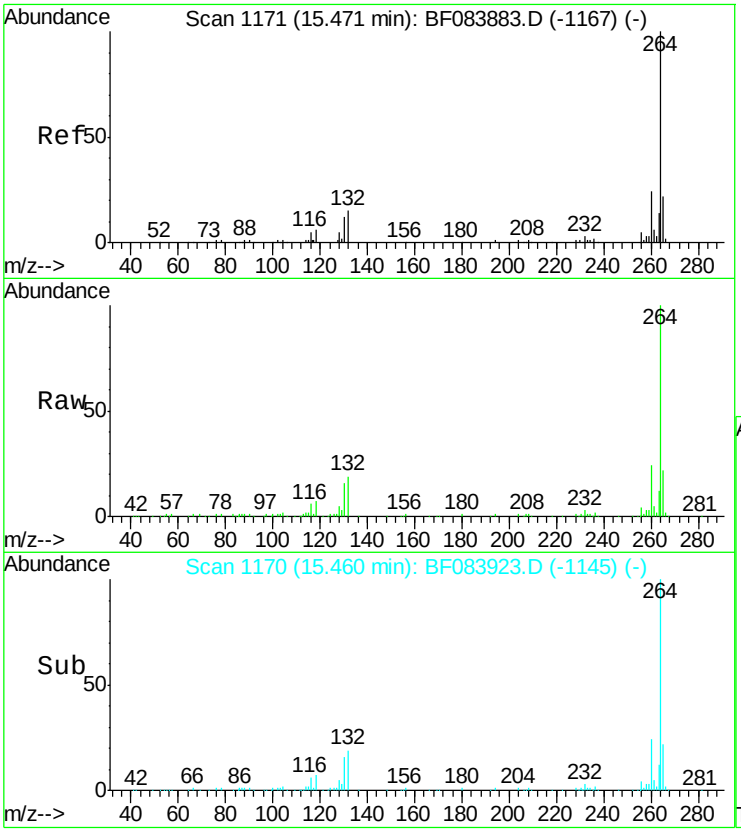


#78
Terphenyl-d14
Concen: -6.14 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF083923.D
Acq: 18 Dec 2015 19:59

Tgt Ion:244 Resp: 6312

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	9.9	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: BF083923.D
Acq: 18 Dec 2015 19:59

Instrument :
BNA_F
ClientSampleId :
LAR-9875

Tgt Ion:264 Resp: 208360

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.9	17.8	26.6