Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083922.D
Acq On : 18 Dec 2015 19:31
Operator : UM/SJ
Sample : G4818-01 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9874

Quant Time: Dec 19 04:17:52 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	63972	20.00	ng		-0.01
21) Naphthalene-d8	8.16	136	152881	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	107594	20.00	ng		-0.01
63) Phenanthrene-d10	11.39	188	205843	20.00	ng		0.00
75) Chrysene-d12	14.02	240	199140	20.00	ng		-0.01
86) Perylene-d12	15.46	264	154878	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	2374	0.58	ng		0.00
7) Phenol-d6	6.51	99	7426	1.48	ng		0.00
23) Nitrobenzene-d5	7.40	82	19355	7.23	ng		-0.03
41) 2,4,6-Tribromophenol	10.69	330	456	0.38	ng		-0.01
44) 2-Fluorobiphenyl	9.23	172	3750	-1.00	ng		-0.01
78) Terphenyl-d14	12.97	244	4788	-6.16	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.38	77	23157	7.68	ng	#	1
18) Hexachloroethane	7.37	117	12335	6.29	ng	#	1
19) n-Nitroso-di-n-propylamine	7.26	70	12255	4.20	ng	#	30
22) Acetophenone	7.26	105	64091	17.41	ng	#	22
24) Nitrobenzene	7.41	77	13211	4.77	ng	#	43
25) Isophorone	7.69	82	62007	12.30	ng	#	1
26) 2-Nitrophenol	7.78	139	6617	4.61	ng	#	1
27) 2,4-Dimethylphenol	7.81	122	8339	3.38	ng	#	1
28) bis(2-Chloroethoxy)methane	7.95	93	7652	2.57	ng	#	1
31) Naphthalene	8.18	128	38525	2.95	ng	#	92
32) Benzoic acid	7.95	122	6076	10.36	ng	#	1
35) Caprolactam	8.58	113	5393	7.28	ng	#	1
36) 4-Chloro-3-methylphenol	8.70	107	837	Below Cal		#	20
45) 1,1'-Biphenyl	9.32	154	1302	Below Cal			85
50) 2,6-Dinitrotoluene	9.90	165	14222	7.22	ng	#	35
56) 2,4-Dinitrotoluene	9.90	165	14223	5.63	ng	#	20

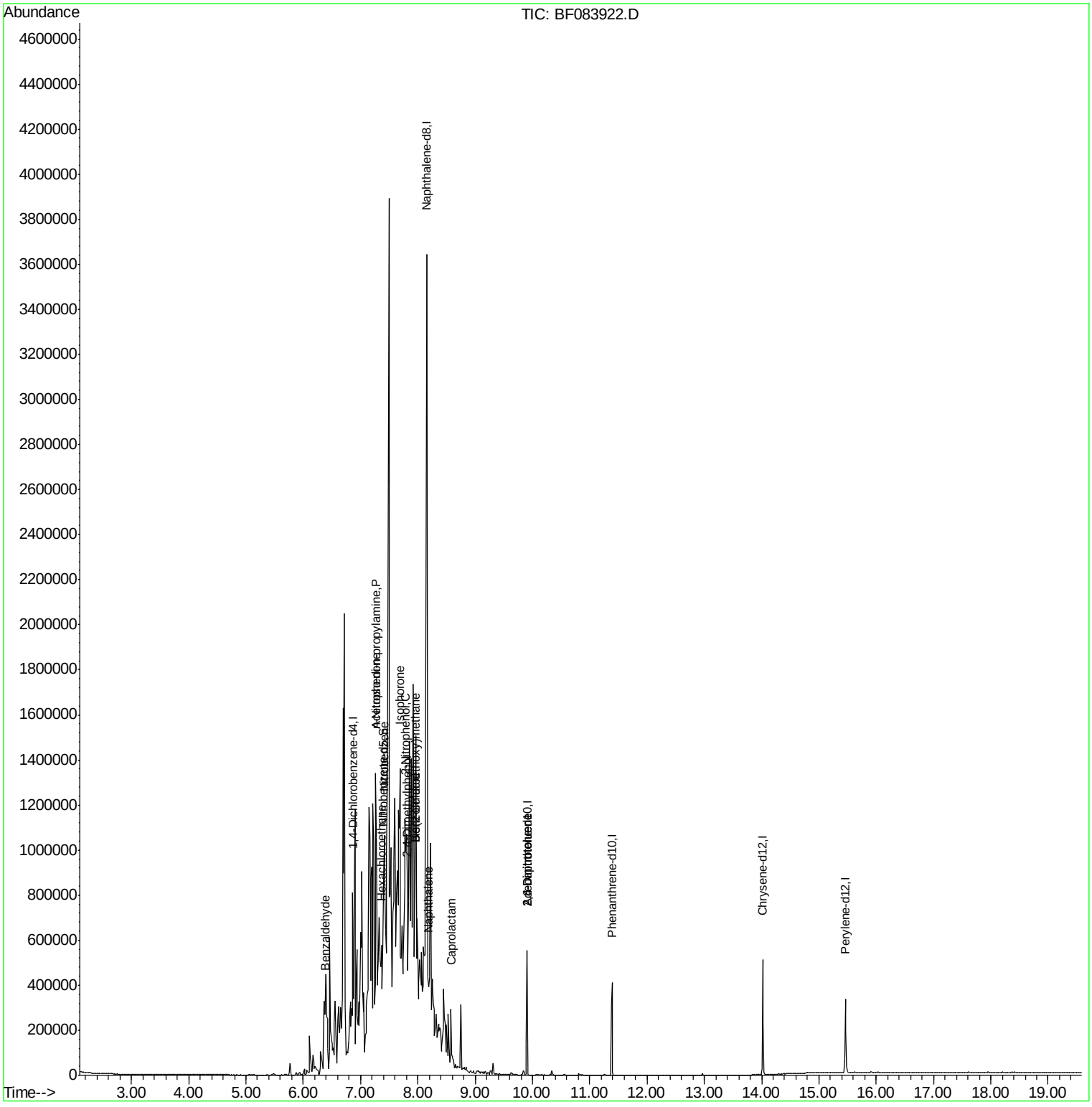
(#) = qualifier out of range (m) = manual integration (+) = signals summed

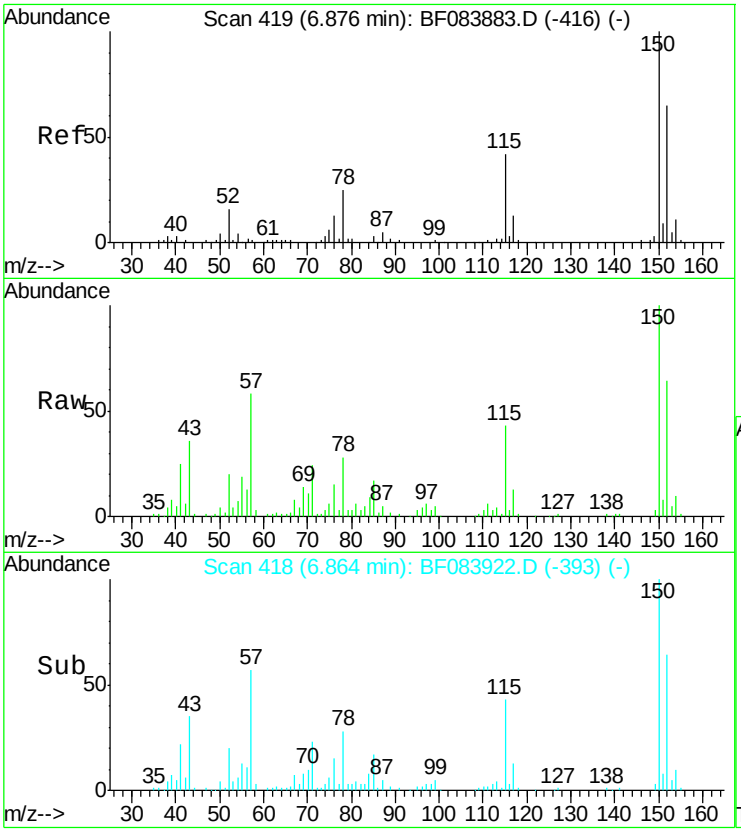
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083922.D
Acq On : 18 Dec 2015 19:31
Operator : UM/SJ
Sample : G4818-01 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAR-9874

Quant Time: Dec 19 04:17:52 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



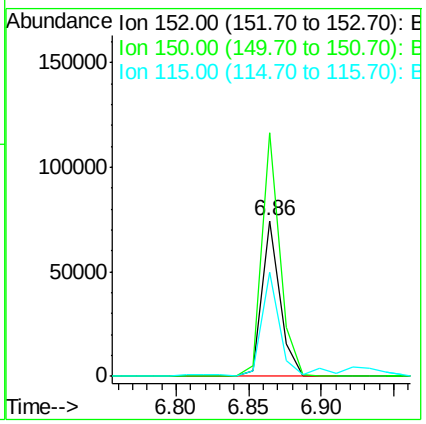


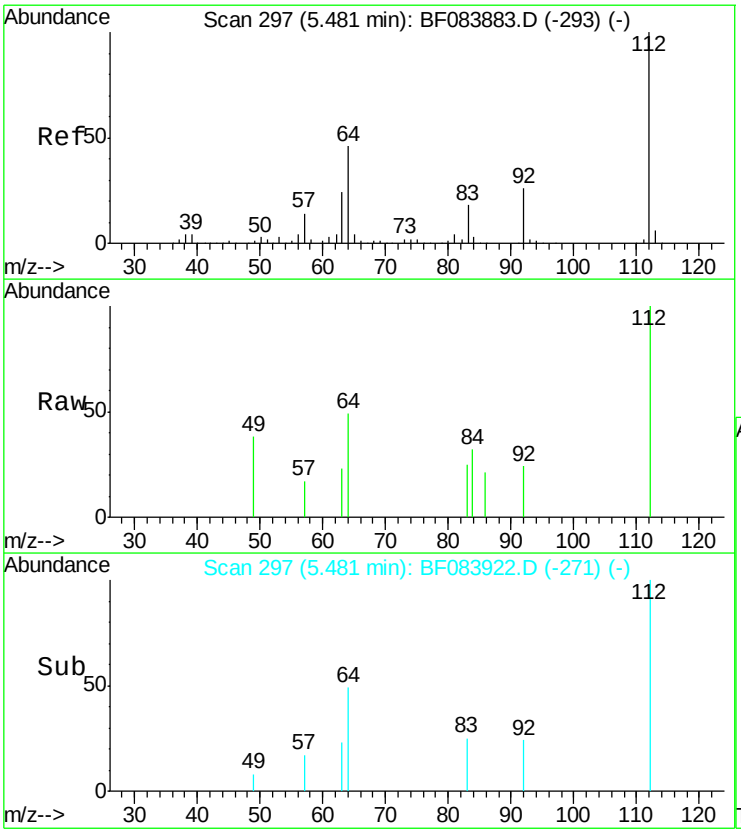
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF083922.D
Acq: 18 Dec 2015 19:31

Instrument :
BNA_F
ClientSampleId :
LAR-9874

Tgt Ion:152 Resp: 63972

Ion	Ratio	Lower	Upper
152	100		
150	156.7	123.0	184.4
115	66.7	51.4	77.2

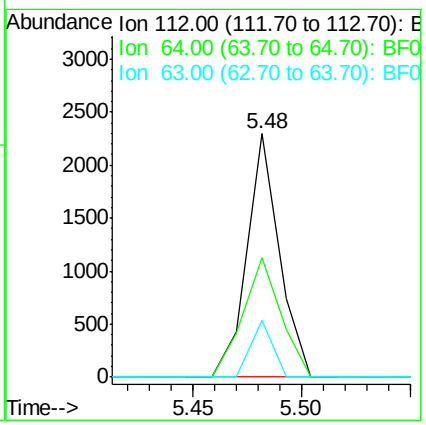


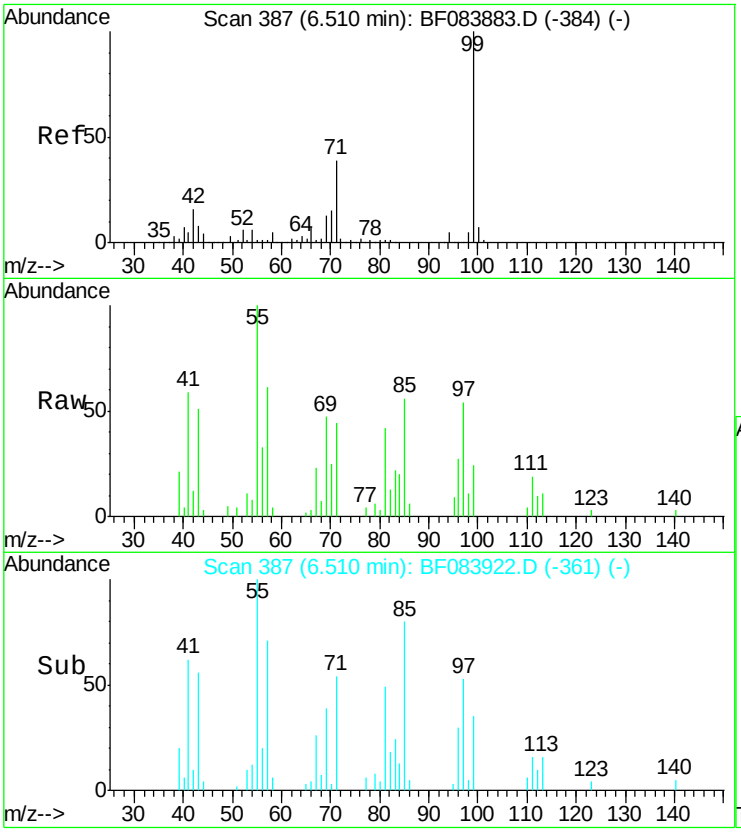


#5
2-Fluorophenol
Concen: 0.58 ng
RT: 5.48 min Scan# 297
Delta R.T. -0.00 min
Lab File: BF083922.D
Acq: 18 Dec 2015 19:31

Tgt Ion:112 Resp: 2374

Ion	Ratio	Lower	Upper
112	100		
64	49.0	36.6	55.0
63	23.5	19.4	29.0



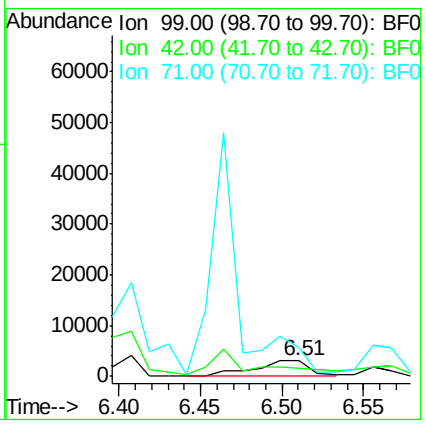


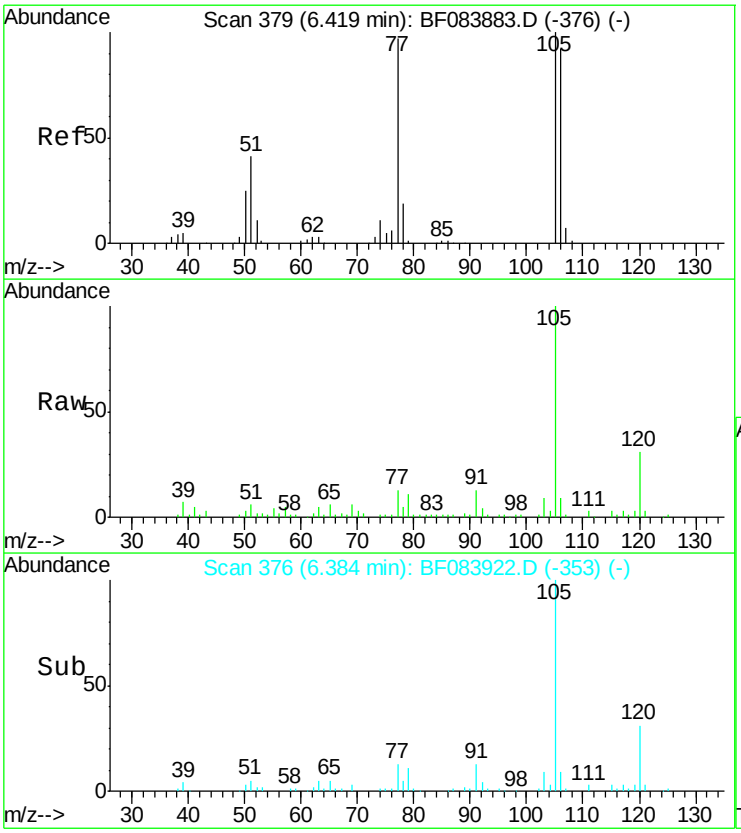
#7
Phenol-d6
Concen: 1.48 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.00 min
Lab File: BF083922.D
Acq: 18 Dec 2015 19:31

Instrument :
BNA_F
ClientSampleId :
LAR-9874

Tgt Ion: 99 Resp: 7426

Ion	Ratio	Lower	Upper
99	100		
42	50.5	12.8	19.2#
71	180.1	30.9	46.3#

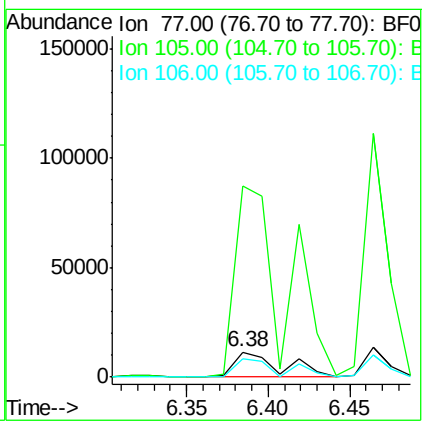


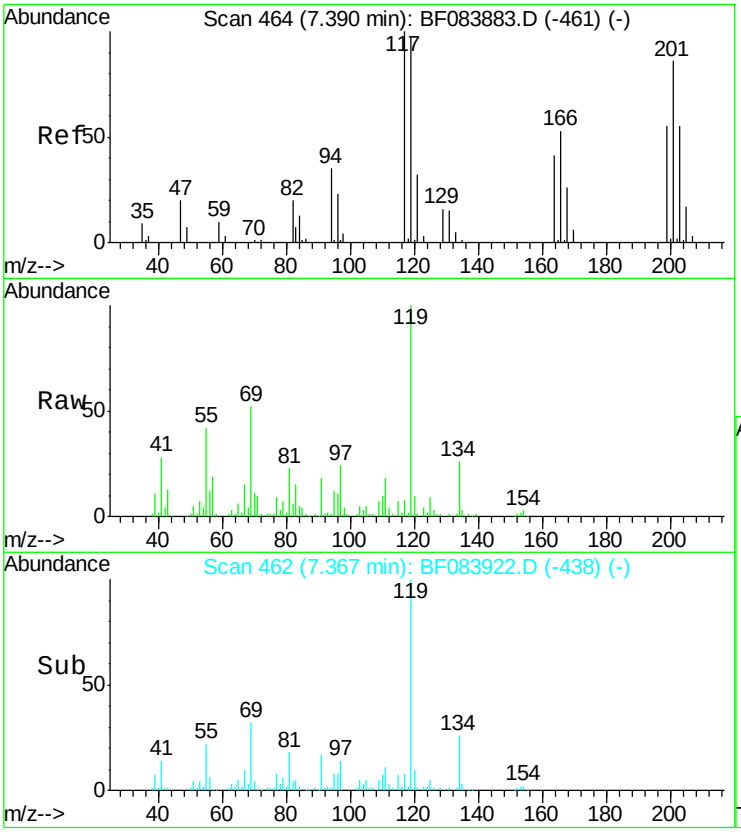


#9
Benzaldehyde
Concen: 7.68 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.03 min
Lab File: BF083922.D
Acq: 18 Dec 2015 19:31

Tgt Ion: 77 Resp: 23157

Ion	Ratio	Lower	Upper
77	100		
105	758.3	83.0	123.0#
106	71.0	74.6	114.6#



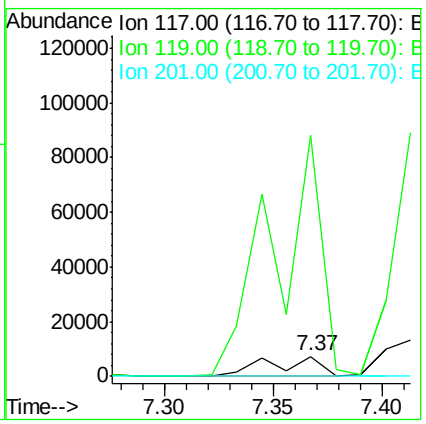


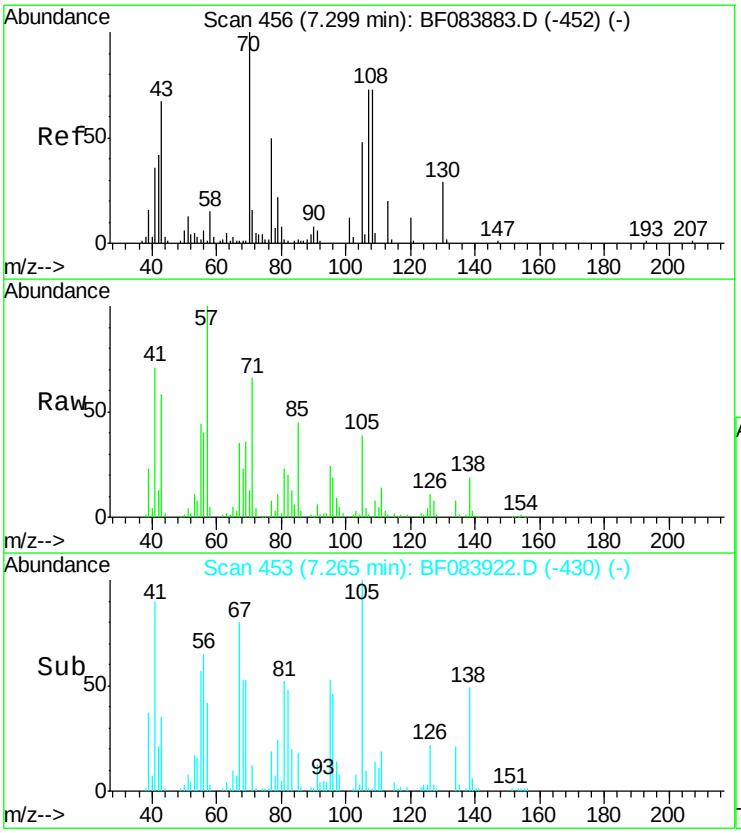
#18
Hexachloroethane
Concen: 6.29 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF083922.D
Acq: 18 Dec 2015 19:31

Instrument :
BNA_F
ClientSampleId :
LAR-9874

Tgt Ion:117 Resp: 12335

Ion	Ratio	Lower	Upper
117	100		
119	1214.4	77.4	116.0#
201	0.0	68.6	103.0#

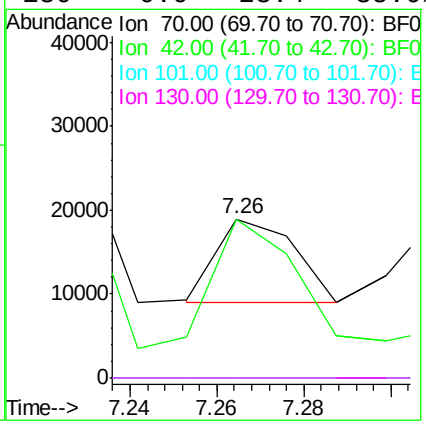


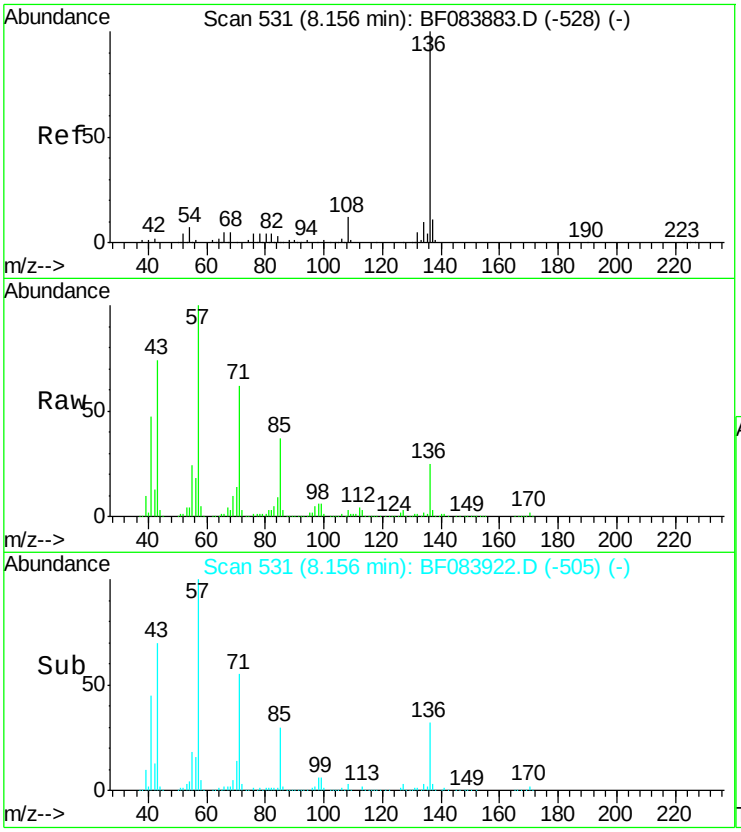


#19
n-Nitroso-di-n-propylamine
Concen: 4.20 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.03 min
Lab File: BF083922.D
Acq: 18 Dec 2015 19:31

Tgt Ion: 70 Resp: 12255

Ion	Ratio	Lower	Upper
70	100		
42	99.7	33.3	49.9#
101	0.0	9.3	13.9#
130	0.0	23.4	35.0#



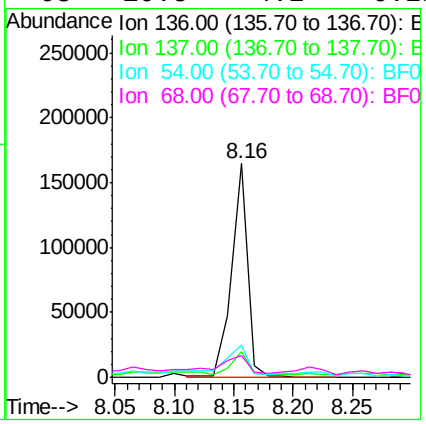


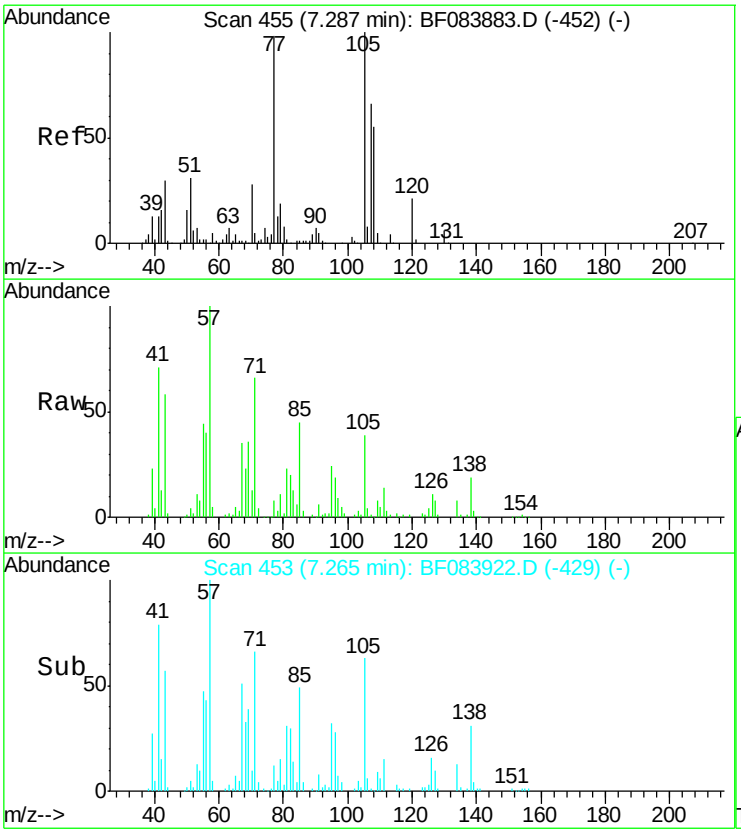
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF083922.D
Acq: 18 Dec 2015 19:31

Instrument :
BNA_F
ClientSampleId :
LAR-9874

Tgt Ion:136 Resp: 152881

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.7	13.1
54	14.7	5.8	8.8#
68	10.5	4.2	6.2#

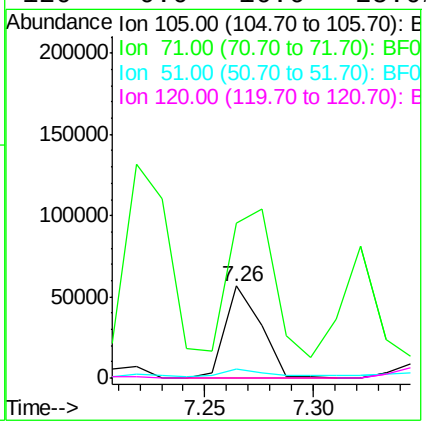


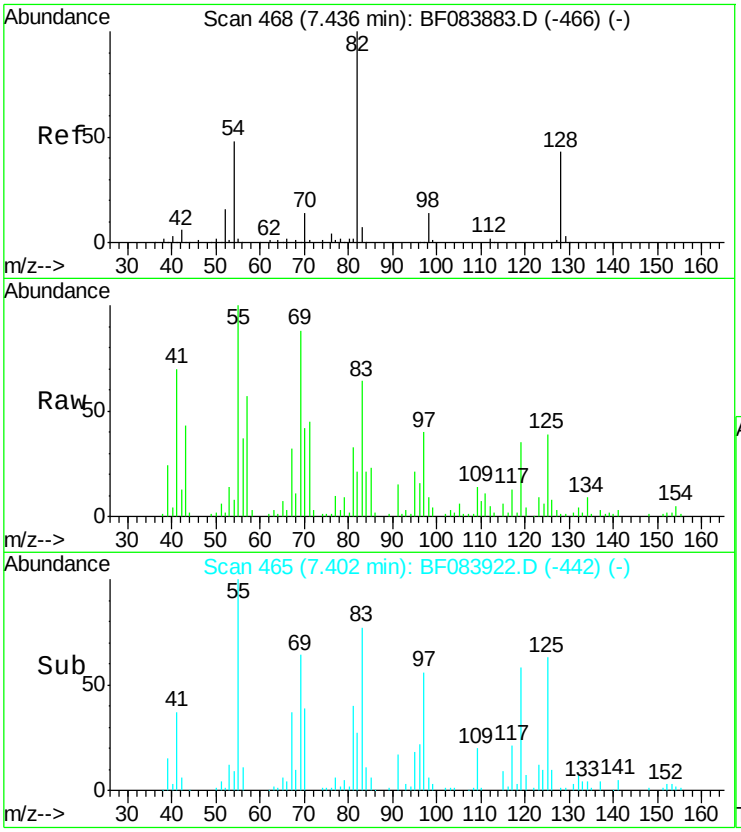


#22
Acetophenone
Concen: 17.41 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF083922.D
Acq: 18 Dec 2015 19:31

Tgt Ion:105 Resp: 64091

Ion	Ratio	Lower	Upper
105	100		
71	168.3	3.7	5.5#
51	10.2	25.1	37.7#
120	0.0	16.6	25.0#



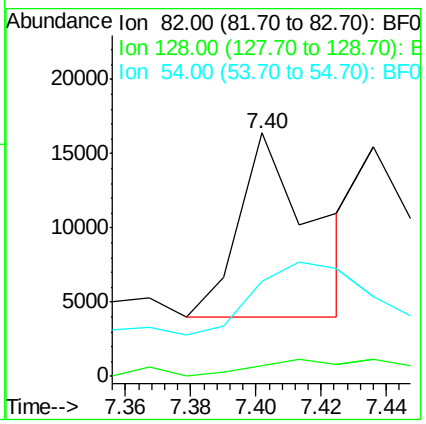


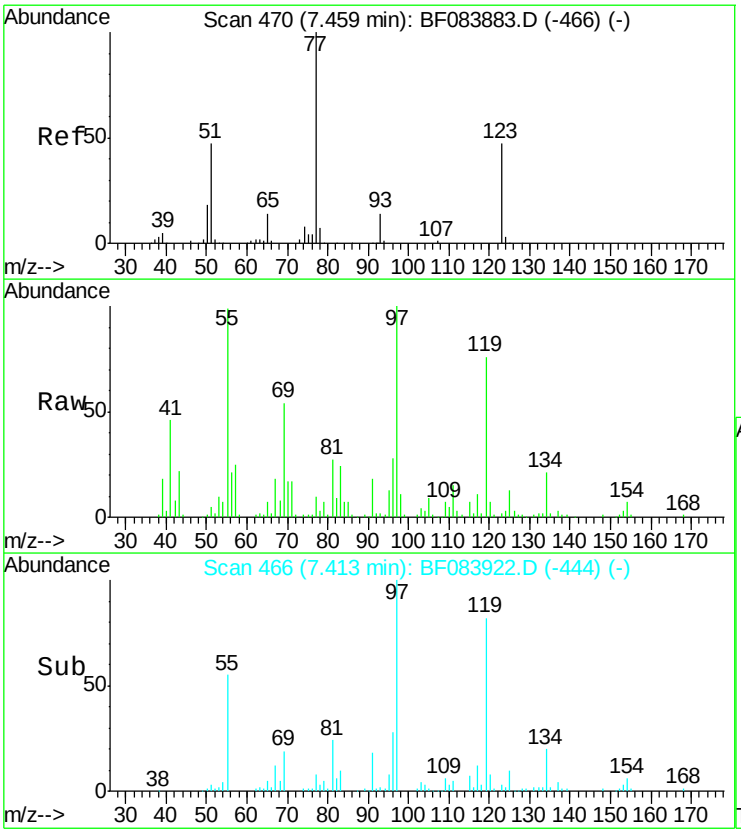
#23
Nitrobenzene-d5
Concen: 7.23 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.03 min
Lab File: BF083922.D
Acq: 18 Dec 2015 19:31

Instrument :
BNA_F
ClientSampleId :
LAR-9874

Tgt Ion: 82 Resp: 19355

Ion	Ratio	Lower	Upper
82	100		
128	4.3	34.6	51.8#
54	39.1	38.4	57.6

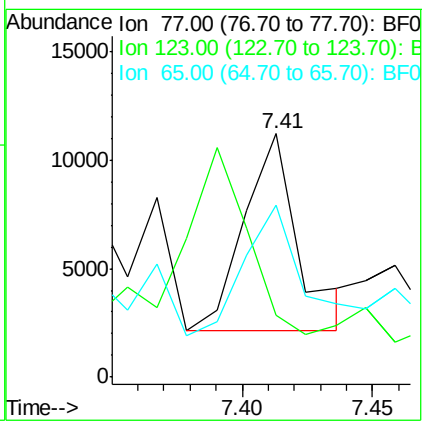


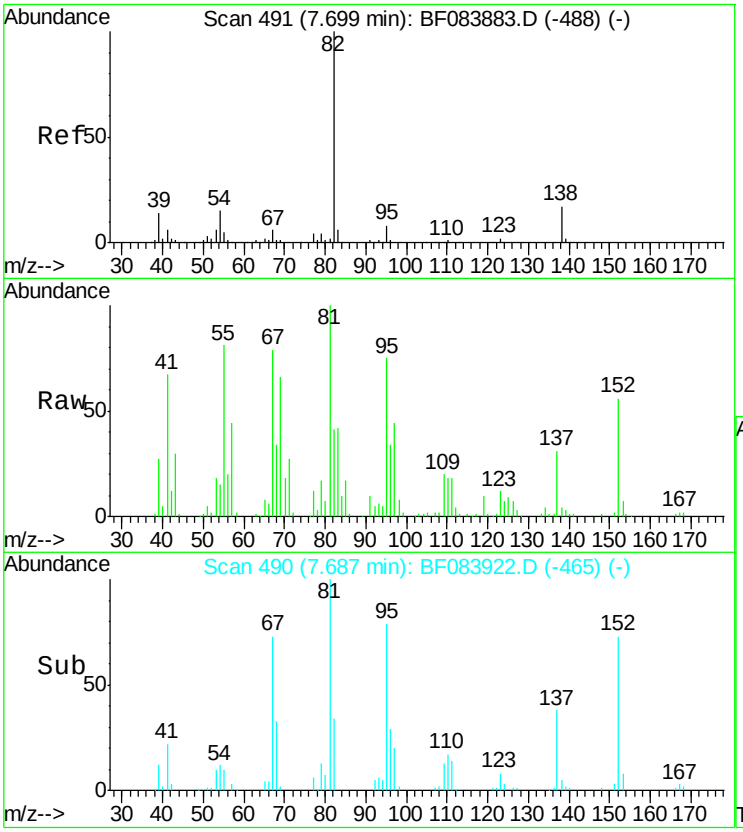


#24
Nitrobenzene
Concen: 4.77 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.05 min
Lab File: BF083922.D
Acq: 18 Dec 2015 19:31

Tgt Ion: 77 Resp: 13211

Ion	Ratio	Lower	Upper
77	100		
123	25.2	37.4	56.2#
65	70.6	10.9	16.3#



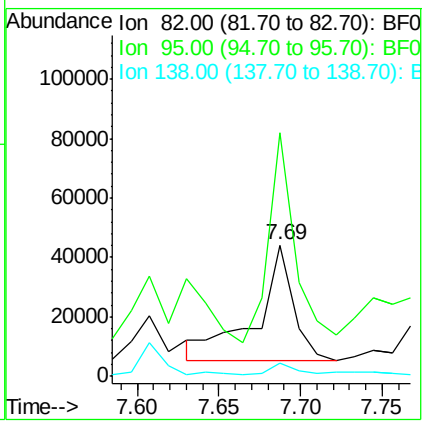


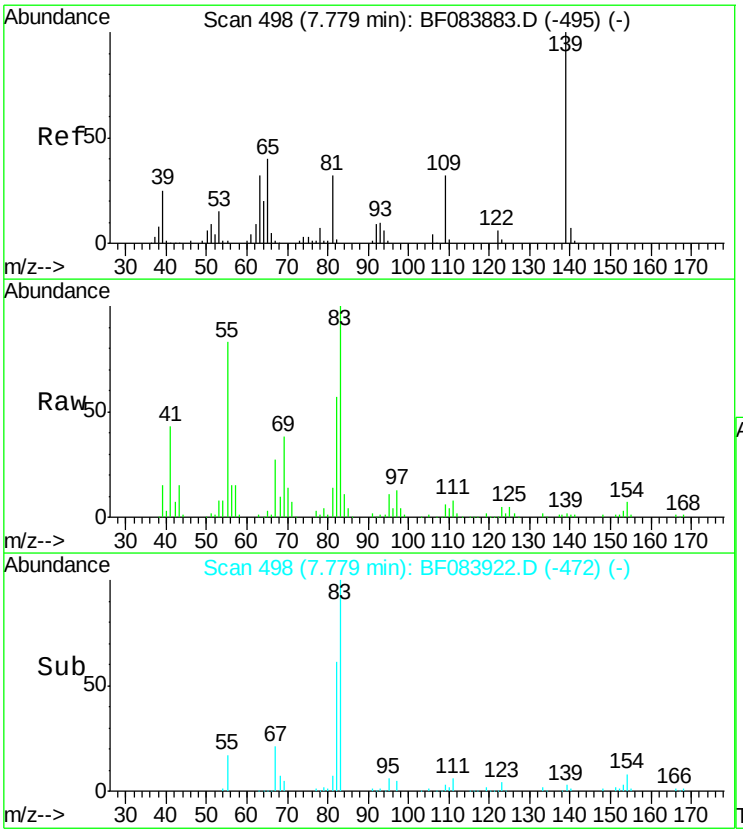
#25
Isophorone
Concen: 12.30 ng
RT: 7.69 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF083922.D
Acq: 18 Dec 2015 19:31

Instrument :
BNA_F
ClientSampleId :
LAR-9874

Tgt Ion: 82 Resp: 62007

Ion	Ratio	Lower	Upper
82	100		
95	185.4	6.6	10.0#
138	10.2	13.6	20.4#

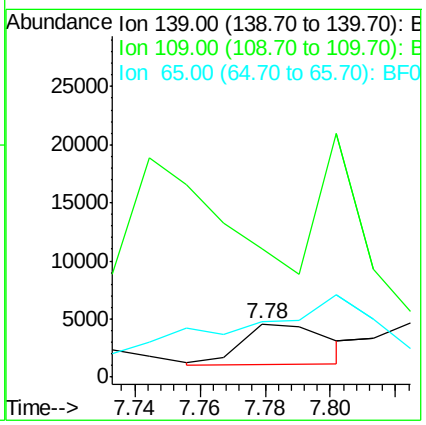


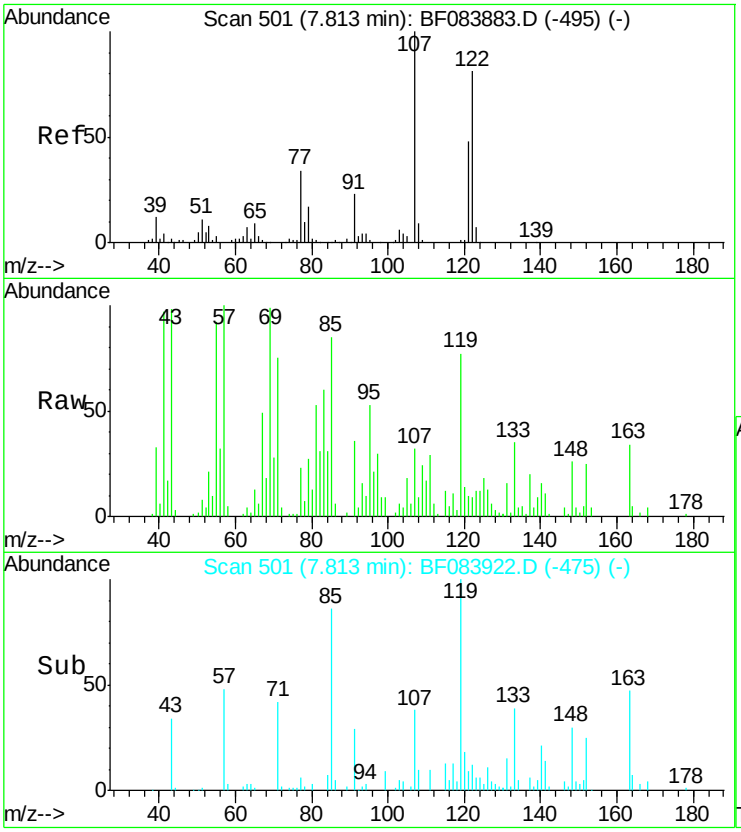


#26
2-Nitrophenol
Concen: 4.61 ng
RT: 7.78 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF083922.D
Acq: 18 Dec 2015 19:31

Tgt Ion:139 Resp: 6617

Ion	Ratio	Lower	Upper
139	100		
109	242.9	25.4	38.2#
65	105.7	32.3	48.5#



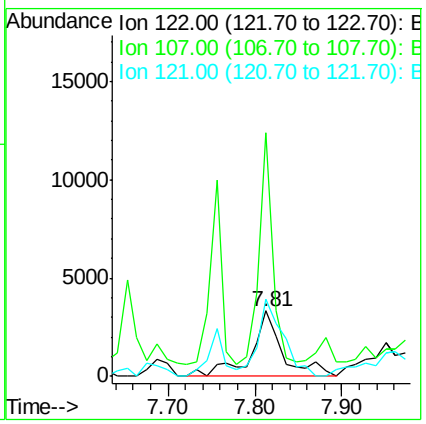


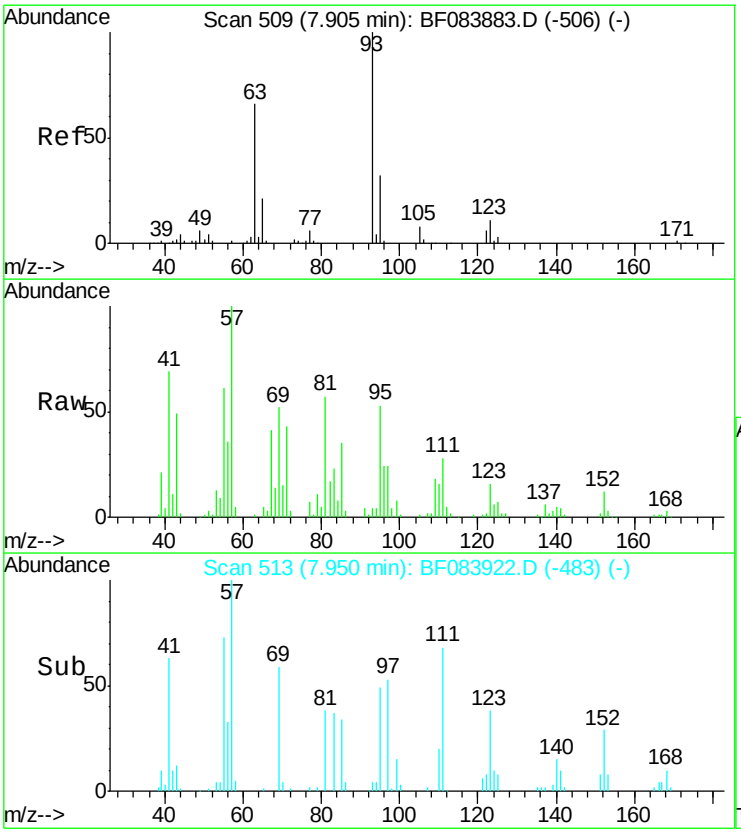
#27
2,4-Dimethylphenol
Concen: 3.38 ng
RT: 7.81 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF083922.D
Acq: 18 Dec 2015 19:31

Instrument :
BNA_F
ClientSampleId :
LAR-9874

Tgt Ion:122 Resp: 8339

Ion	Ratio	Lower	Upper
122	100		
107	371.3	99.1	148.7#
121	116.8	47.9	71.9#

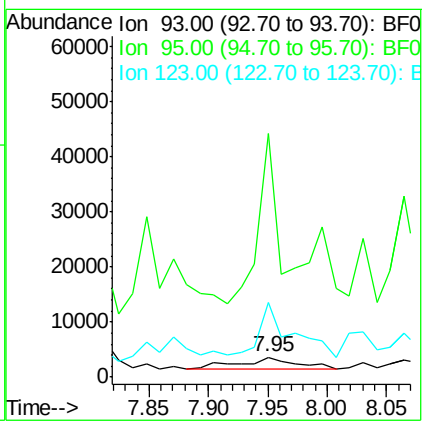


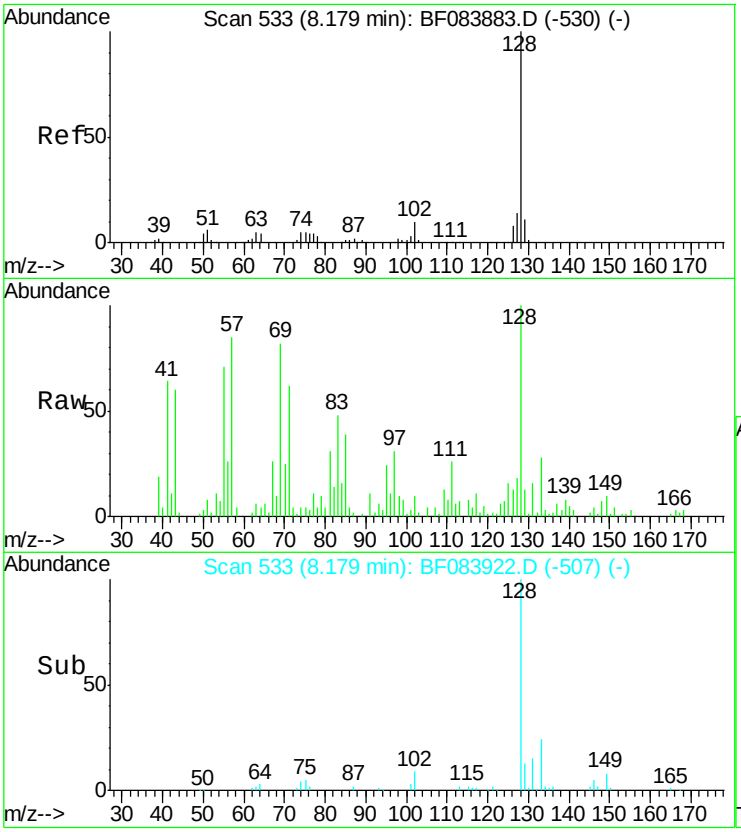


#28
bis(2-Chloroethoxy)methane
Concen: 2.57 ng
RT: 7.95 min Scan# 513
Delta R.T. 0.05 min
Lab File: BF083922.D
Acq: 18 Dec 2015 19:31

Tgt Ion: 93 Resp: 7652

Ion	Ratio	Lower	Upper
93	100		
95	1218.9	25.8	38.6#
123	373.2	8.6	12.8#



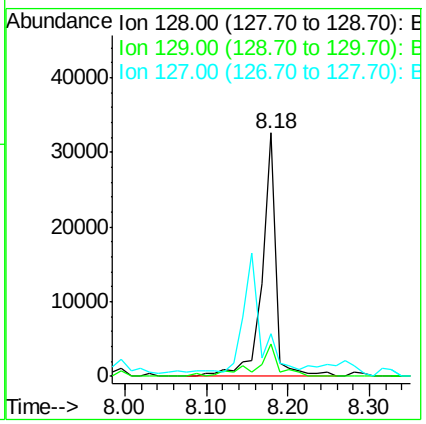


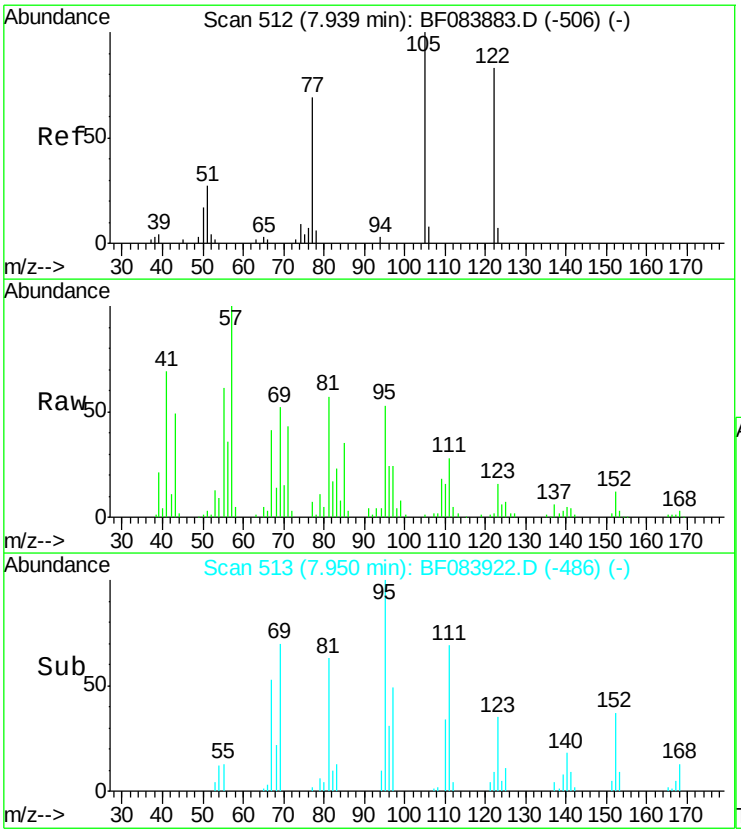
#31
Naphthalene
Concen: 2.95 ng
RT: 8.18 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF083922.D
Acq: 18 Dec 2015 19:31

Instrument :
BNA_F
ClientSampleId :
LAR-9874

Tgt Ion:128 Resp: 38525

Ion	Ratio	Lower	Upper
128	100		
129	13.5	9.1	13.7
127	17.8	11.1	16.7#

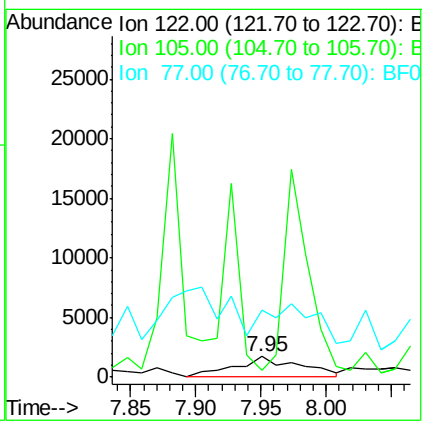


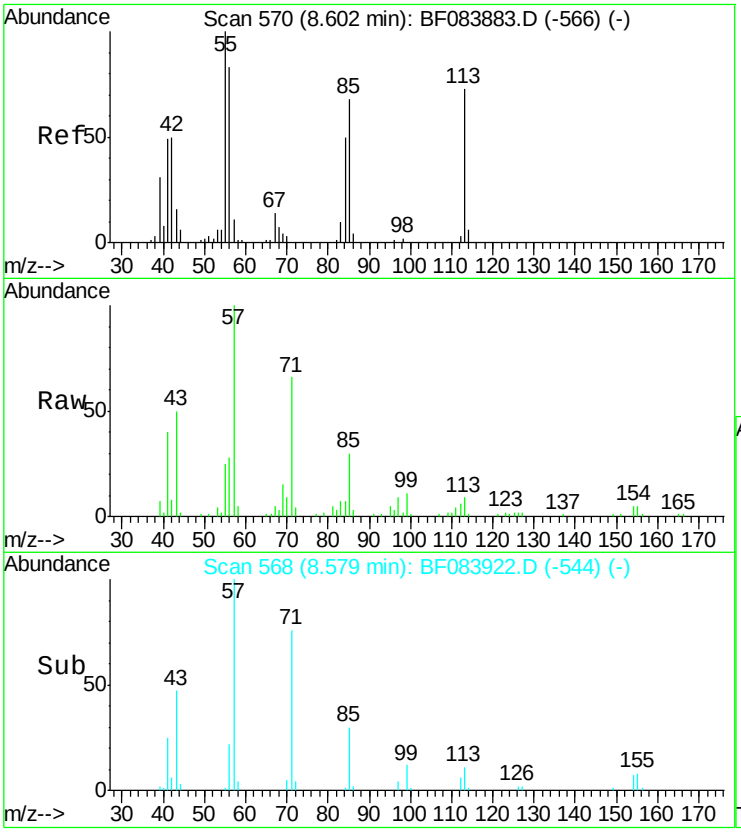


#32
Benzoic acid
Concen: 10.36 ng
RT: 7.95 min Scan# 513
Delta R.T. 0.01 min
Lab File: BF083922.D
Acq: 18 Dec 2015 19:31

Tgt Ion:122 Resp: 6076

Ion	Ratio	Lower	Upper
122	100		
105	32.7	100.3	140.3#
77	330.2	63.5	103.5#



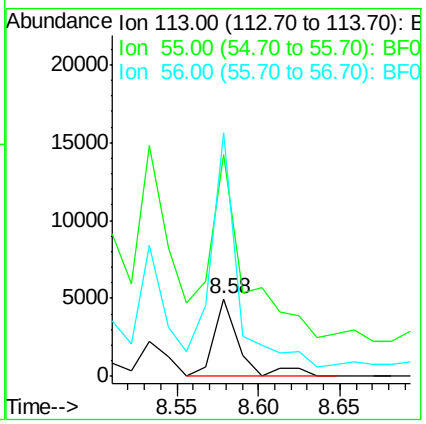


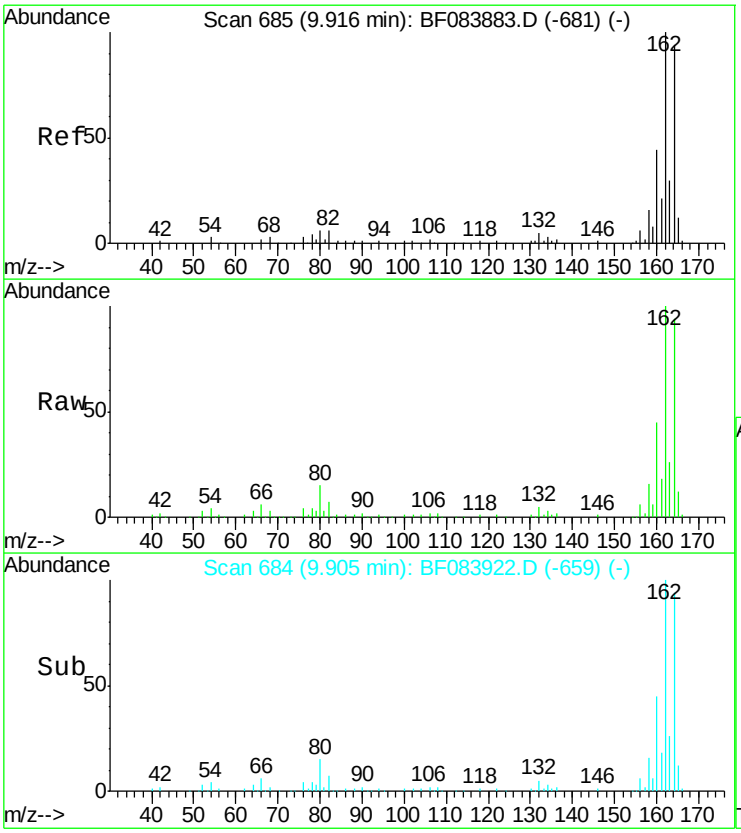
#35
Caprolactam
Concen: 7.28 ng
RT: 8.58 min Scan# 568
Delta R.T. -0.02 min
Lab File: BF083922.D
Acq: 18 Dec 2015 19:31

Instrument :
BNA_F
ClientSampleId :
LAR-9874

Tgt Ion:113 Resp: 5393

Ion	Ratio	Lower	Upper
113	100		
55	287.0	116.9	156.9#
56	314.1	93.8	133.8#

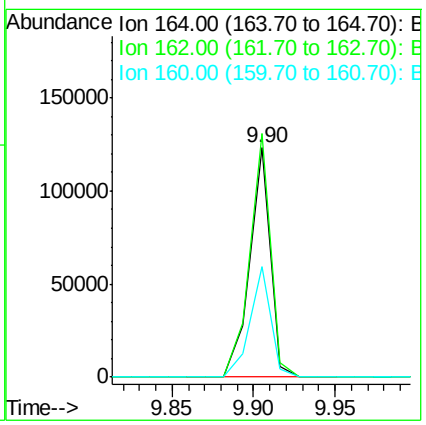


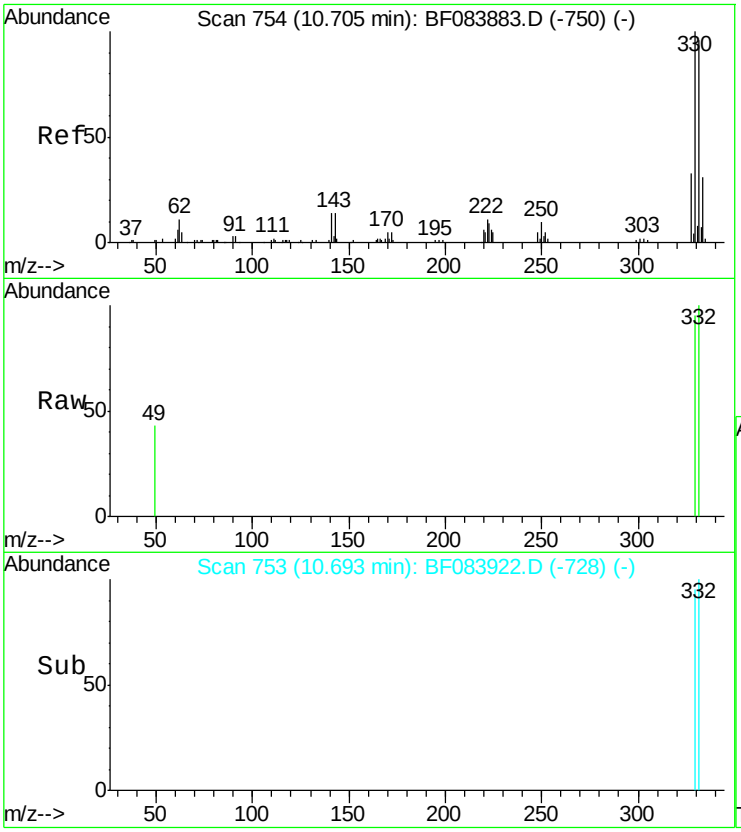


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF083922.D
Acq: 18 Dec 2015 19:31

Tgt Ion:164 Resp: 107594

Ion	Ratio	Lower	Upper
164	100		
162	106.3	85.1	127.7
160	48.2	37.5	56.3



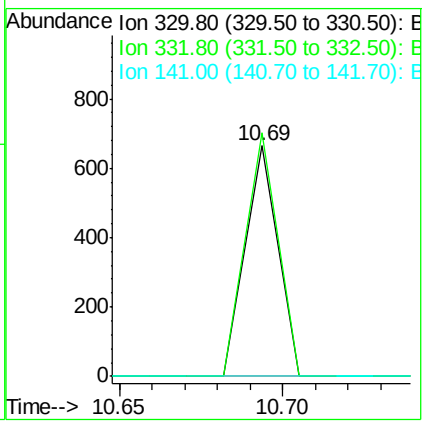


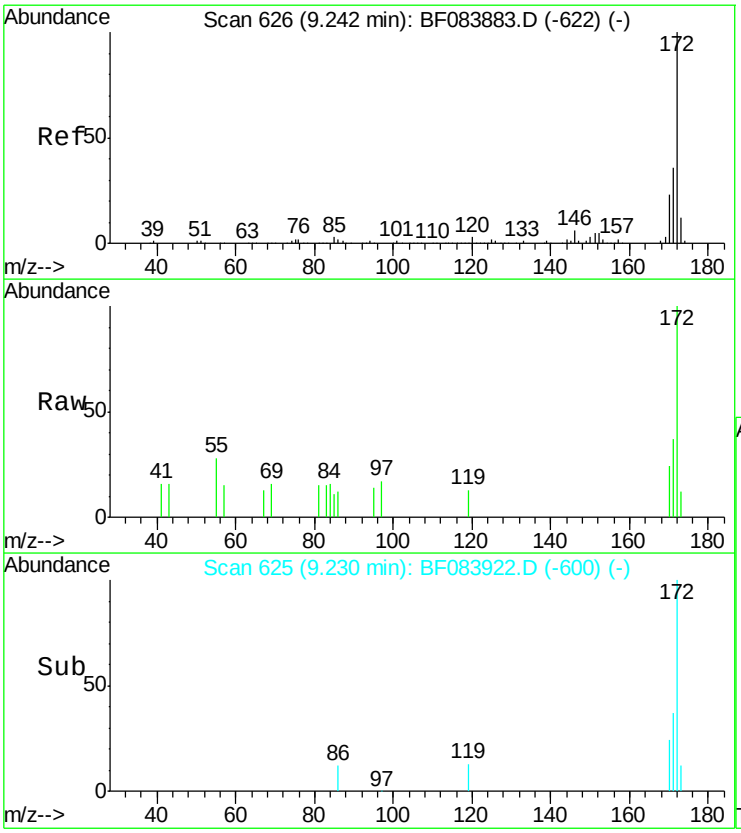
#41
2,4,6-Tribromophenol
Concen: 0.38 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF083922.D
Acq: 18 Dec 2015 19:31

Instrument :
BNA_F
ClientSampleId :
LAR-9874

Tgt Ion:330 Resp: 456

Ion	Ratio	Lower	Upper
330	100		
332	105.5	76.6	114.8
141	0.0	27.8	41.6#

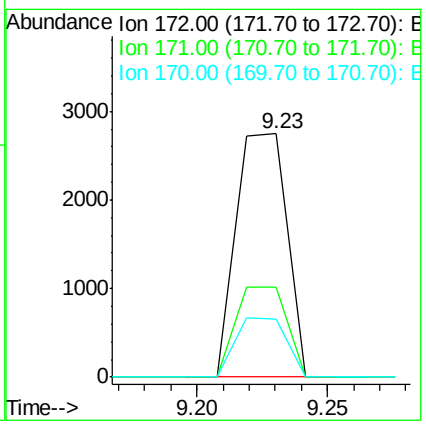


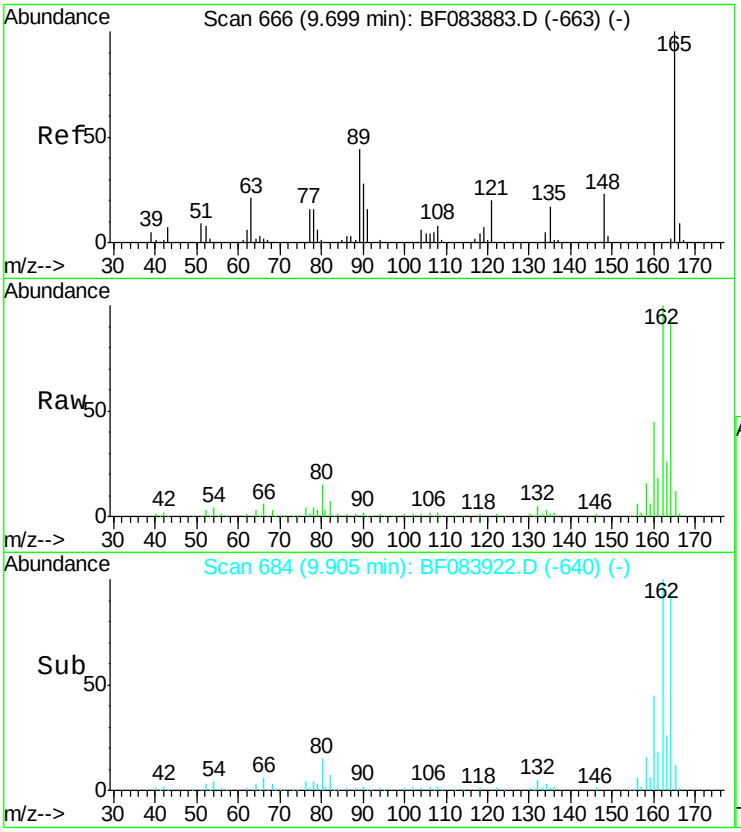


#44
2-Fluorobiphenyl
Concen: -1.00 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF083922.D
Acq: 18 Dec 2015 19:31

Tgt Ion:172 Resp: 3750

Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.9	43.3
170	24.1	18.6	27.8



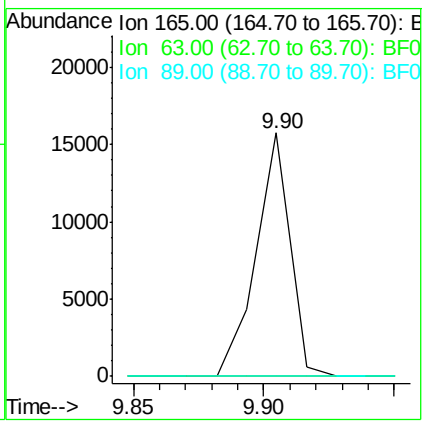


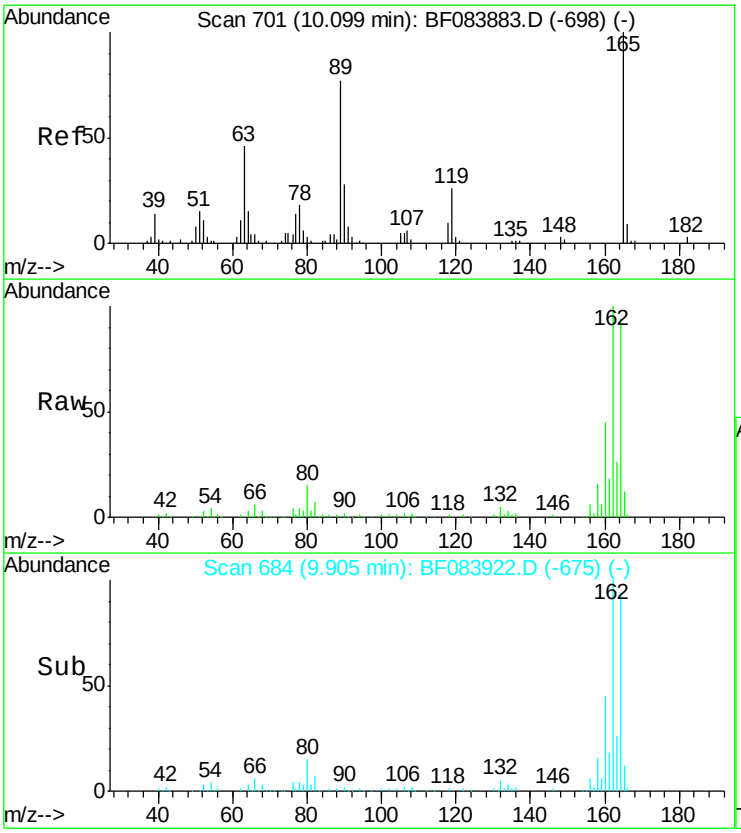
#50
2,6-Dinitrotoluene
Concen: 7.22 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.21 min
Lab File: BF083922.D
Acq: 18 Dec 2015 19:31

Instrument :
BNA_F
ClientSampleId :
LAR-9874

Tgt Ion:165 Resp: 14222

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

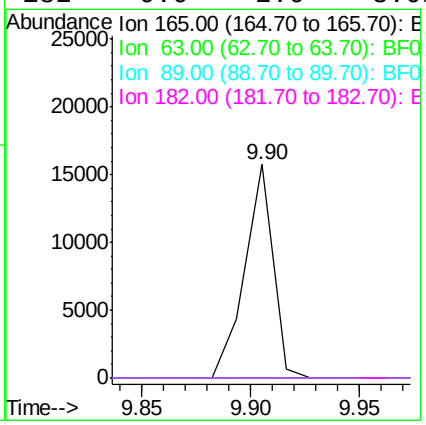


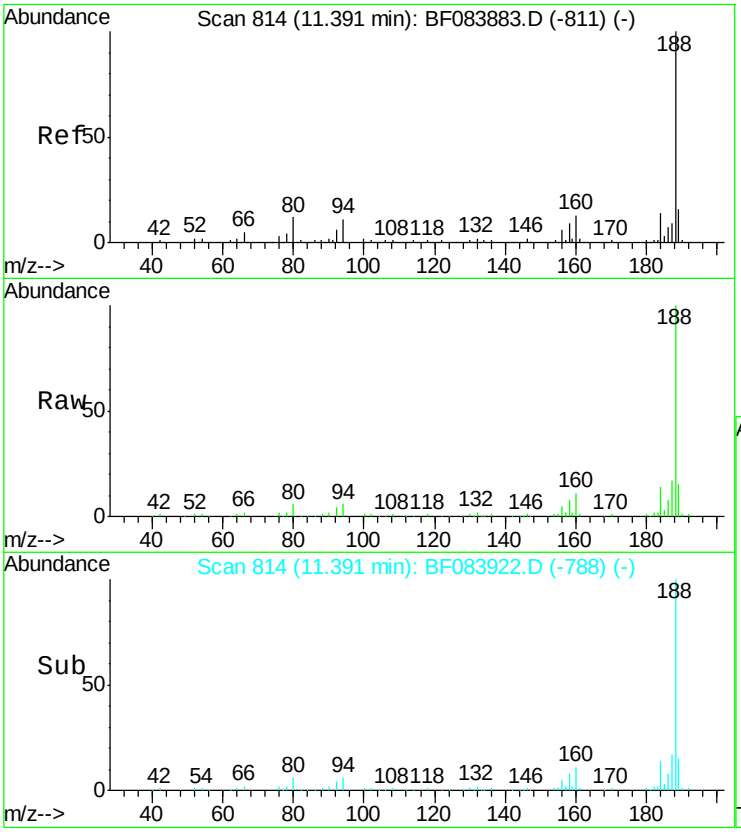


#56
2,4-Dinitrotoluene
Concen: 5.63 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.19 min
Lab File: BF083922.D
Acq: 18 Dec 2015 19:31

Tgt Ion:165 Resp: 14223

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#



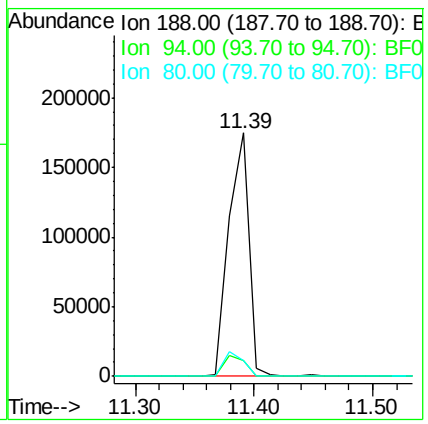


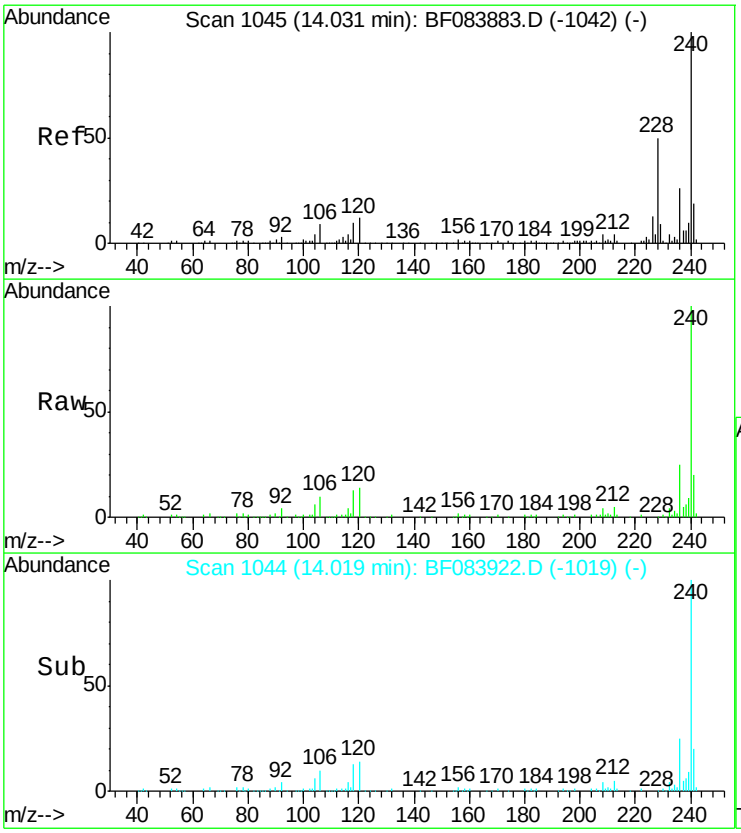
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF083922.D
Acq: 18 Dec 2015 19:31

Instrument :
BNA_F
ClientSampleId :
LAR-9874

Tgt Ion:188 Resp: 205843

Ion	Ratio	Lower	Upper
188	100		
94	6.4	9.0	13.4#
80	6.4	9.6	14.4#

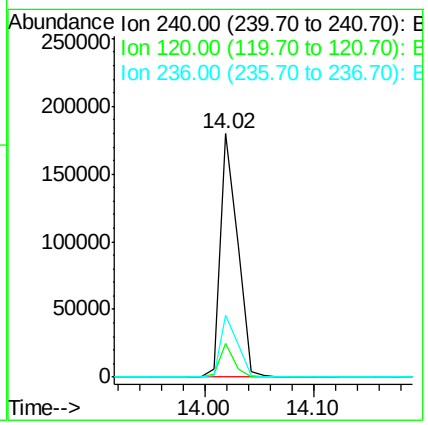


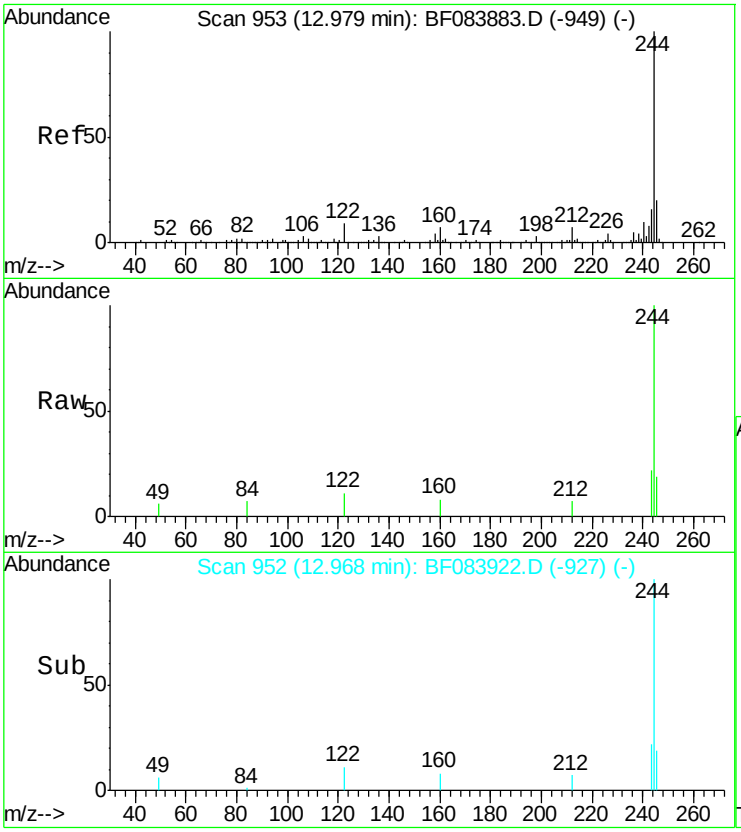


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF083922.D
Acq: 18 Dec 2015 19:31

Tgt Ion:240 Resp: 199140

Ion	Ratio	Lower	Upper
240	100		
120	14.1	9.5	14.3
236	25.2	20.6	31.0



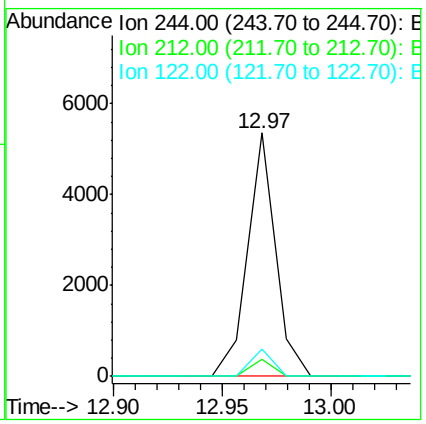


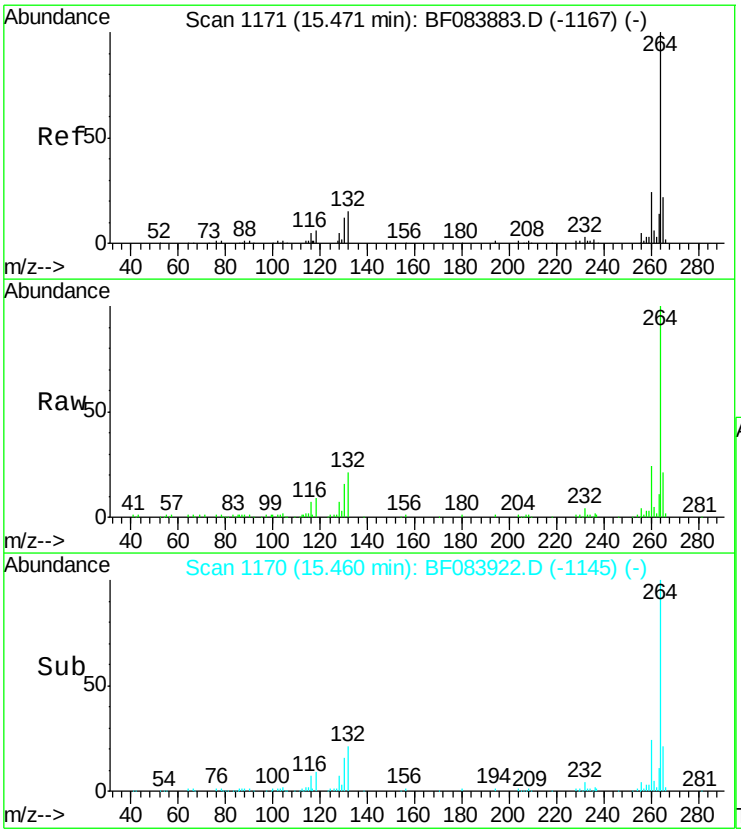
#78
Terphenyl-d14
Concen: -6.16 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF083922.D
Acq: 18 Dec 2015 19:31

Instrument :
BNA_F
ClientSampleId :
LAR-9874

Tgt Ion:244 Resp: 4788

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	11.3	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: BF083922.D
Acq: 18 Dec 2015 19:31

Tgt Ion:264 Resp: 154878

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.3	17.8	26.6