Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083919.D
Acq On : 18 Dec 2015 18:08
Operator : UM/SJ
Sample : G4815-01 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9871

Quant Time: Dec 19 04:17:19 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	65211	20.00	ng		-0.01
21) Naphthalene-d8	8.16	136	153539	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	134249	20.00	ng		-0.01
63) Phenanthrene-d10	11.39	188	245343	20.00	ng		0.00
75) Chrysene-d12	14.02	240	247163	20.00	ng		-0.01
86) Perylene-d12	15.46	264	195917	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	2314	0.56	ng		0.00
7) Phenol-d6	6.51	99	7156	1.40	ng		0.00
23) Nitrobenzene-d5	7.41	82	23423	8.71	ng		-0.02
41) 2,4,6-Tribromophenol	10.69	330	680	0.46	ng		-0.01
44) 2-Fluorobiphenyl	9.23	172	4576	-1.00	ng		-0.01
78) Terphenyl-d14	12.97	244	6105	-6.15	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.38	77	6926	2.25	ng	#	1
18) Hexachloroethane	7.37	117	6222	3.11	ng	#	1
19) n-Nitroso-di-n-propylamine	7.28	70	22972	7.73	ng	#	27
22) Acetophenone	7.28	105	32486	8.79	ng	#	1
24) Nitrobenzene	7.41	77	12549	4.51	ng	#	56
25) Isophorone	7.70	82	114059	22.53	ng	#	1
26) 2-Nitrophenol	7.79	139	9801	6.81	ng	#	1
27) 2,4-Dimethylphenol	7.82	122	8590	3.46	ng	#	1
28) bis(2-Chloroethoxy)methane	7.96	93	12011	4.01	ng	#	1
32) Benzoic acid	7.96	122	10123	15.54	ng	#	1
33) 4-Chloroaniline	8.17	127	41370	11.87	ng	#	67
35) Caprolactam	8.58	113	12712	17.10	ng	#	1
36) 4-Chloro-3-methylphenol	8.70	107	3302	Below Cal		#	20
45) 1,1'-Biphenyl	9.32	154	2378	Below Cal			94
50) 2,6-Dinitrotoluene	9.90	165	17469	7.11	ng	#	37
56) 2,4-Dinitrotoluene	9.90	165	17470	5.55	ng	#	21

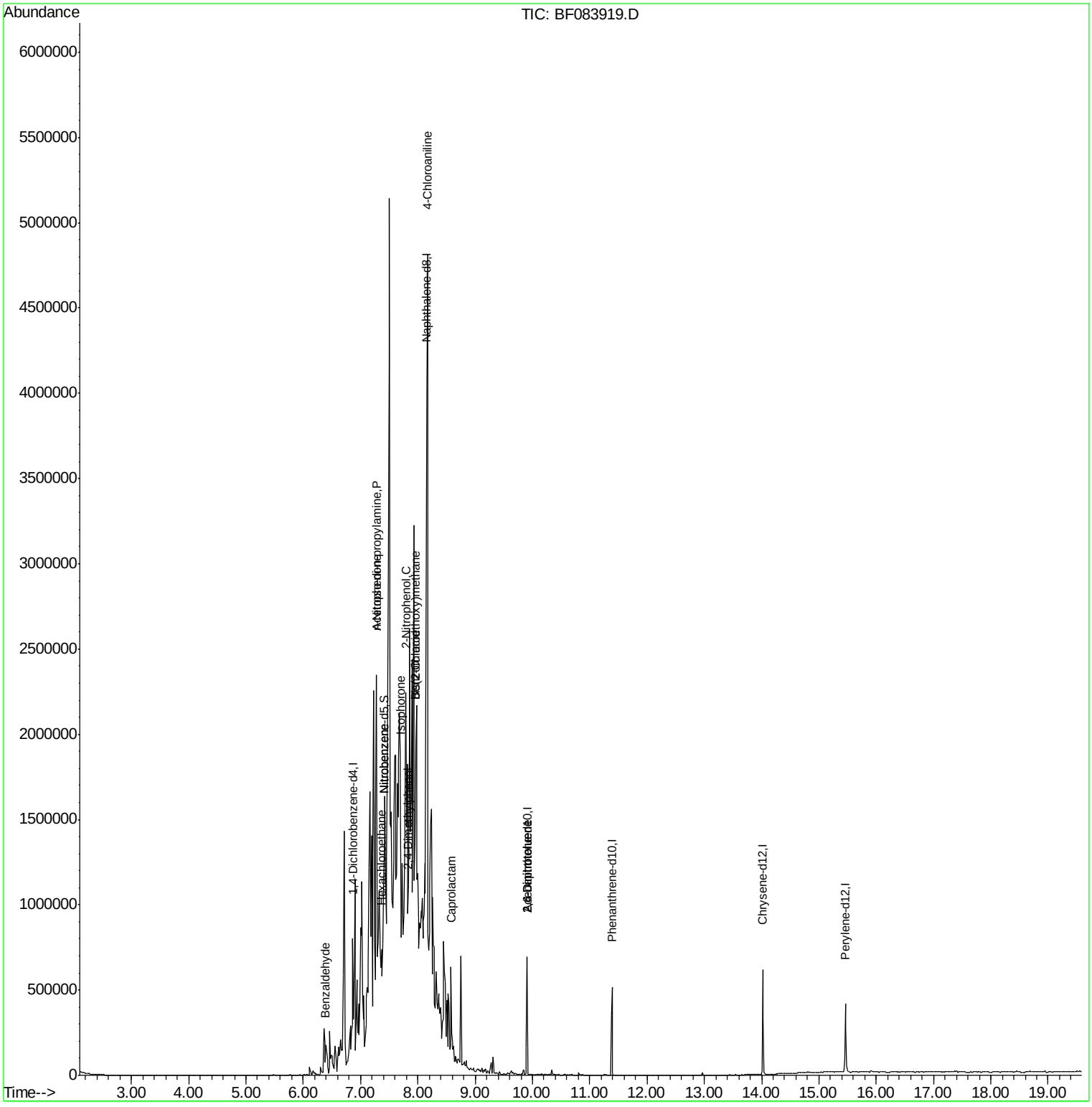
(#) = qualifier out of range (m) = manual integration (+) = signals summed

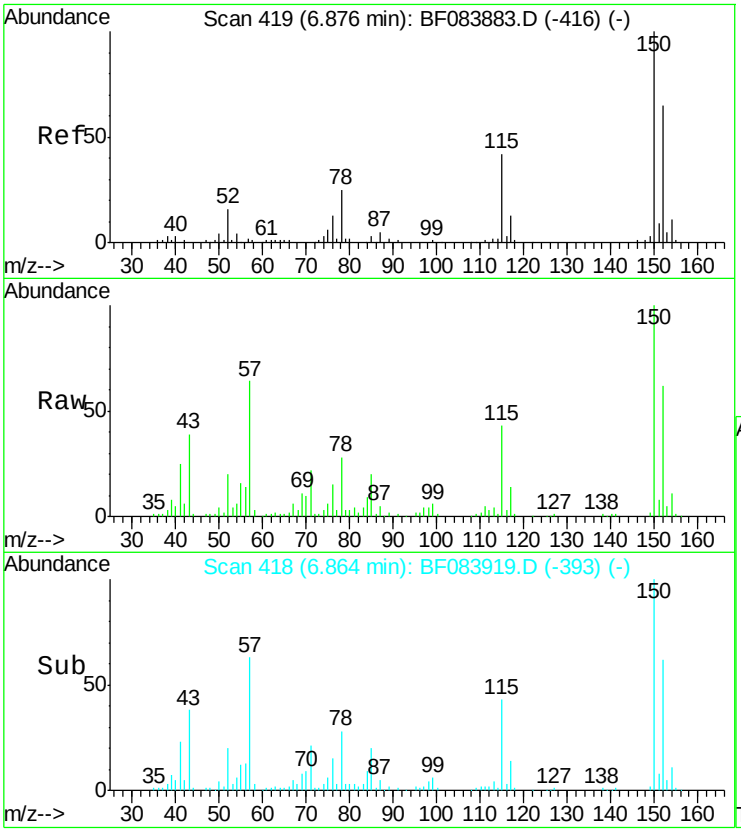
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083919.D
Acq On : 18 Dec 2015 18:08
Operator : UM/SJ
Sample : G4815-01 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAR-9871

Quant Time: Dec 19 04:17:19 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



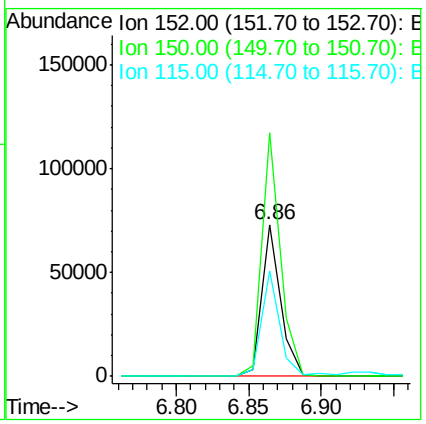


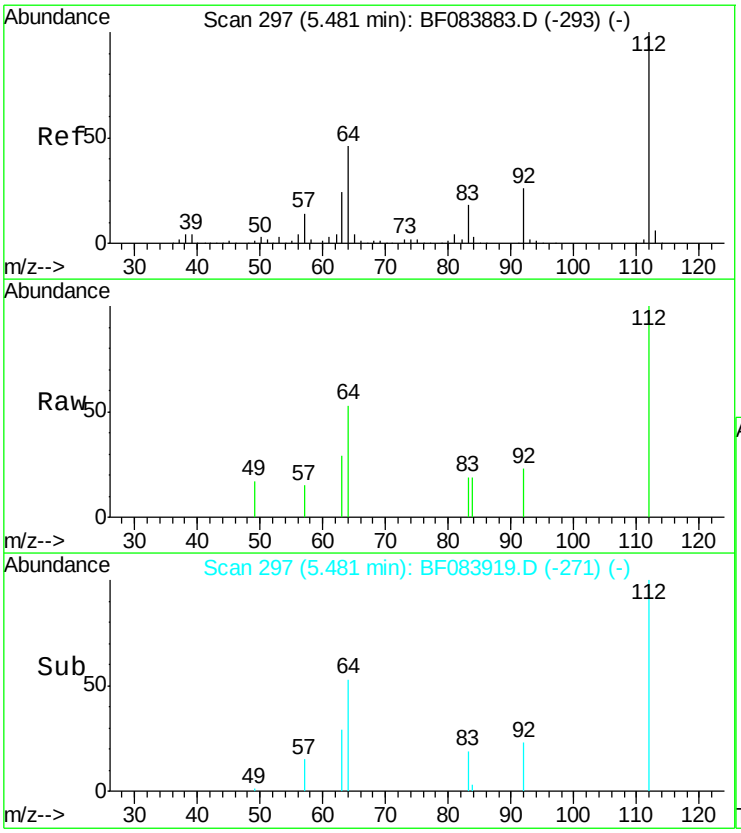
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF083919.D
Acq: 18 Dec 2015 18:08

Instrument :
BNA_F
ClientSampleId :
LAR-9871

Tgt Ion:152 Resp: 65211

Ion	Ratio	Lower	Upper
152	100		
150	160.6	123.0	184.4
115	69.3	51.4	77.2

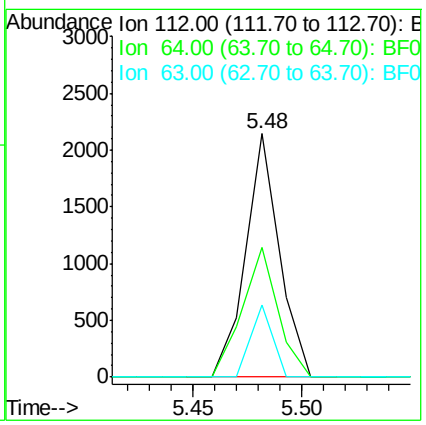


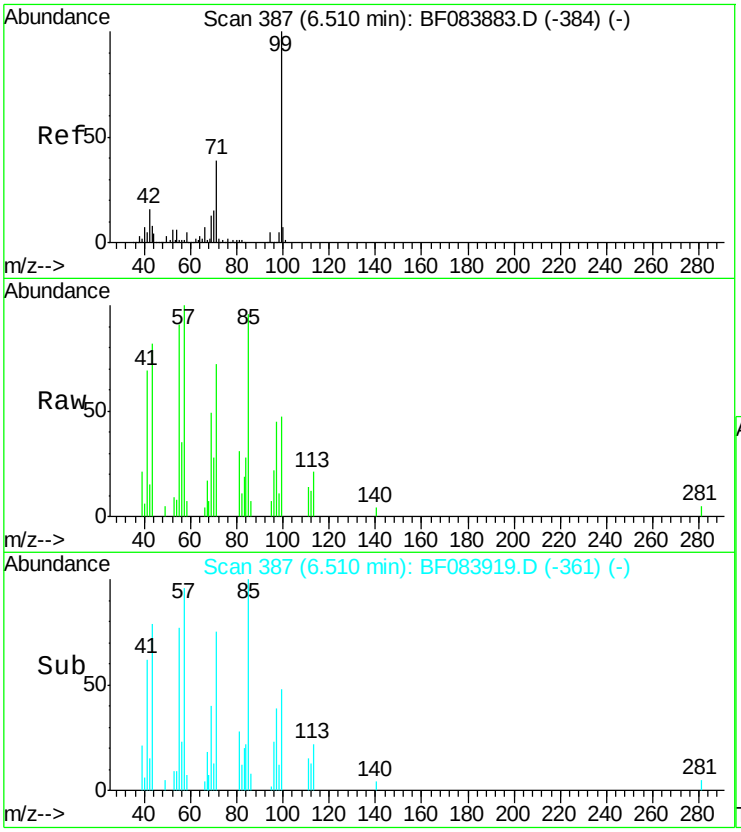


#5
2-Fluorophenol
Concen: 0.56 ng
RT: 5.48 min Scan# 297
Delta R.T. -0.00 min
Lab File: BF083919.D
Acq: 18 Dec 2015 18:08

Tgt Ion:112 Resp: 2314

Ion	Ratio	Lower	Upper
112	100		
64	53.4	36.6	55.0
63	29.4	19.4	29.0#



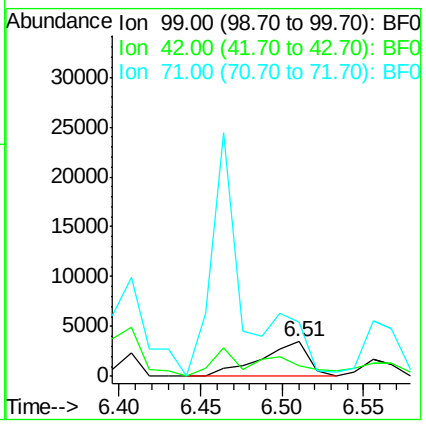


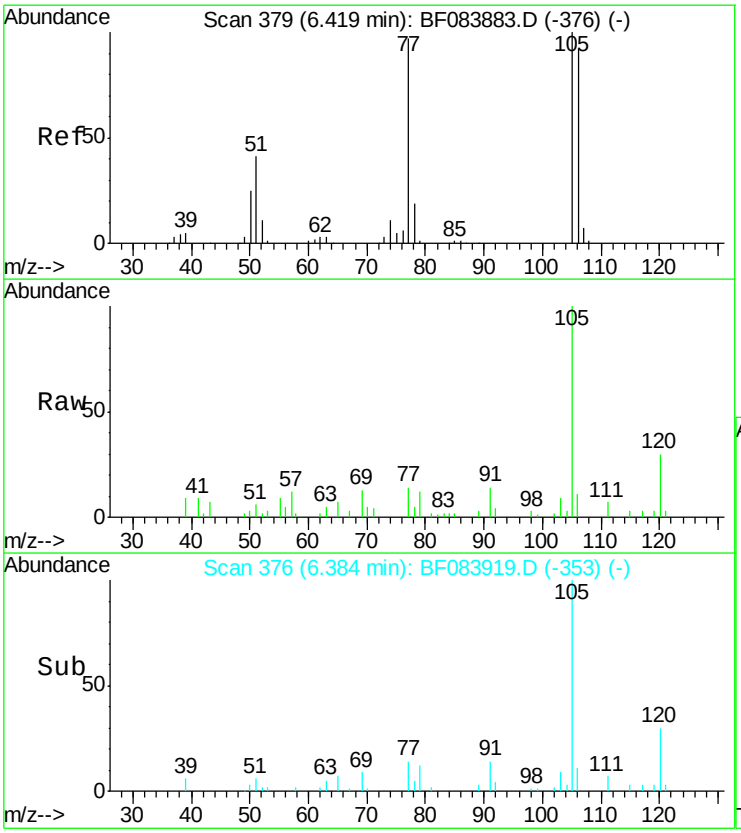
#7
Phenol-d6
Concen: 1.40 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.00 min
Lab File: BF083919.D
Acq: 18 Dec 2015 18:08

Instrument :
BNA_F
ClientSampleId :
LAR-9871

Tgt Ion: 99 Resp: 7156

Ion	Ratio	Lower	Upper
99	100		
42	31.8	12.8	19.2#
71	154.3	30.9	46.3#

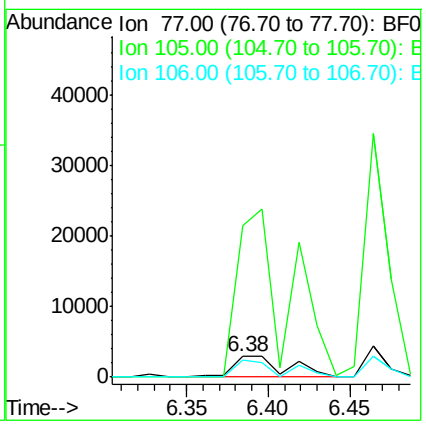


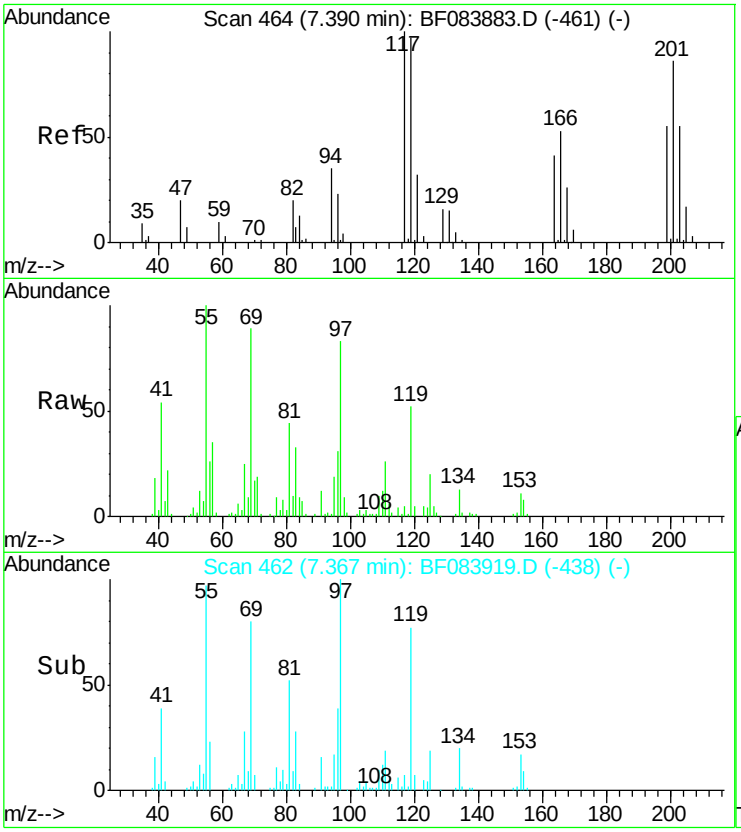


#9
Benzaldehyde
Concen: 2.25 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.03 min
Lab File: BF083919.D
Acq: 18 Dec 2015 18:08

Tgt Ion: 77 Resp: 6926

Ion	Ratio	Lower	Upper
77	100		
105	731.7	83.0	123.0#
106	79.9	74.6	114.6



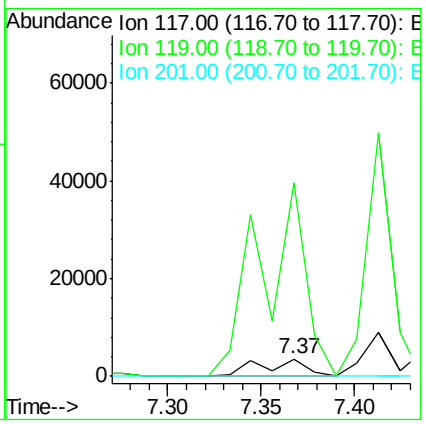


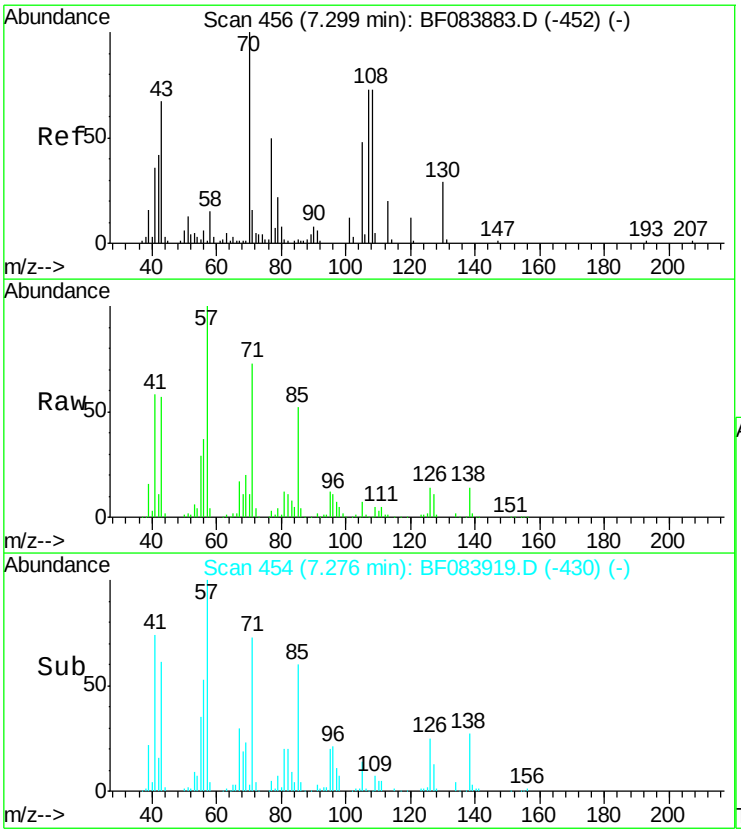
#18
Hexachloroethane
Concen: 3.11 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF083919.D
Acq: 18 Dec 2015 18:08

Instrument :
BNA_F
ClientSampleId :
LAR-9871

Tgt Ion:117 Resp: 6222

Ion	Ratio	Lower	Upper
117	100		
119	1116.1	77.4	116.0#
201	0.0	68.6	103.0#

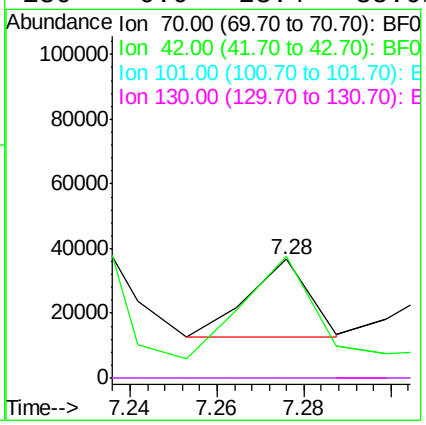


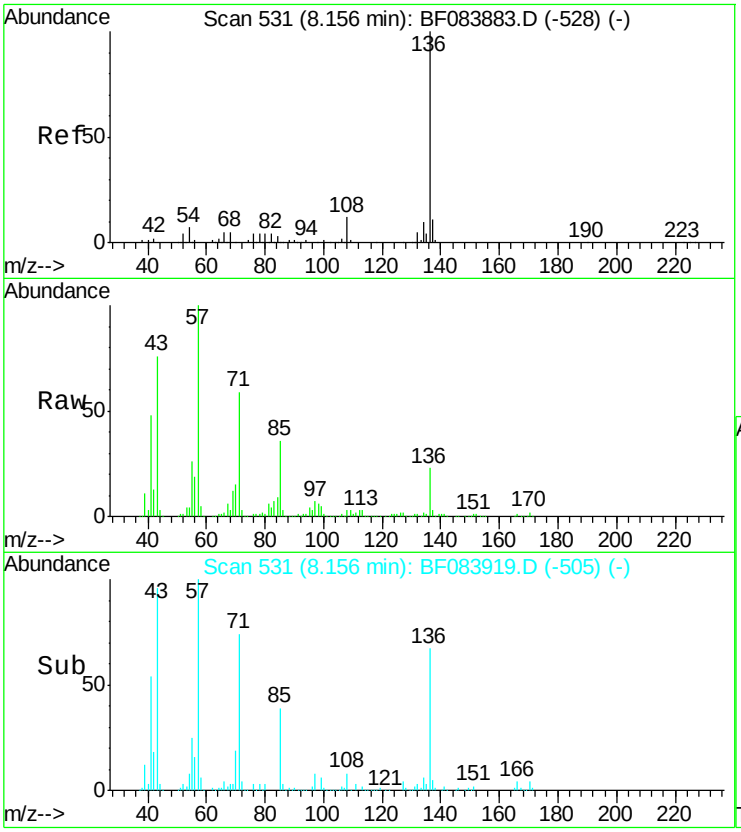


#19
n-Nitroso-di-n-propylamine
Concen: 7.73 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF083919.D
Acq: 18 Dec 2015 18:08

Tgt Ion: 70 Resp: 22972

Ion	Ratio	Lower	Upper
70	100		
42	102.7	33.3	49.9#
101	0.0	9.3	13.9#
130	0.0	23.4	35.0#



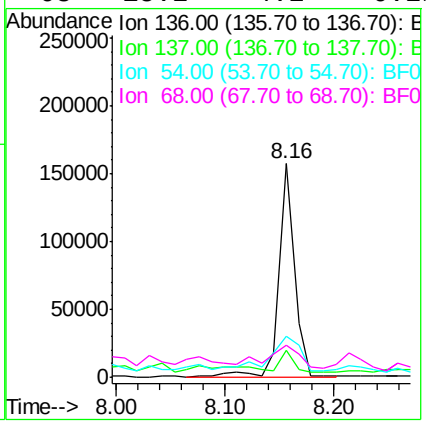


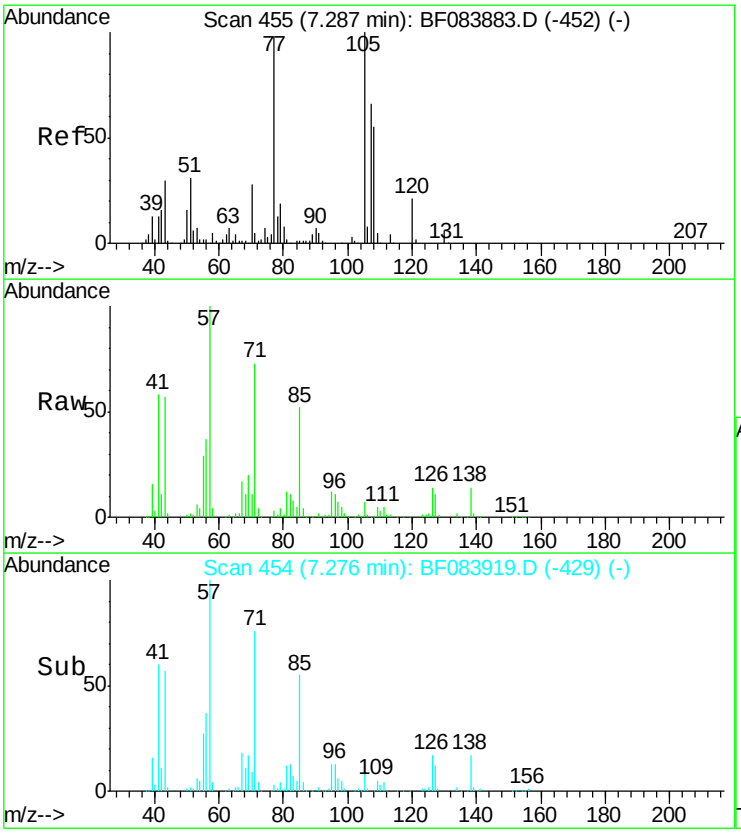
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF083919.D
Acq: 18 Dec 2015 18:08

Instrument :
BNA_F
ClientSampleId :
LAR-9871

Tgt Ion:136 Resp: 153539

Ion	Ratio	Lower	Upper
136	100		
137	12.7	8.7	13.1
54	19.1	5.8	8.8#
68	15.2	4.2	6.2#

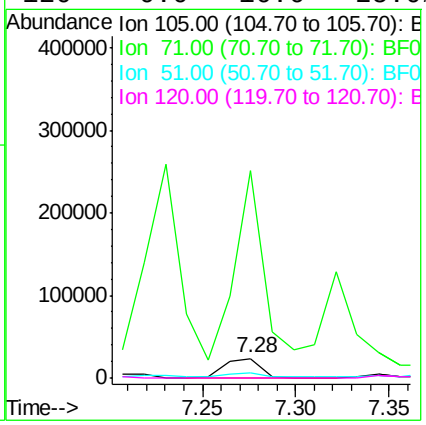


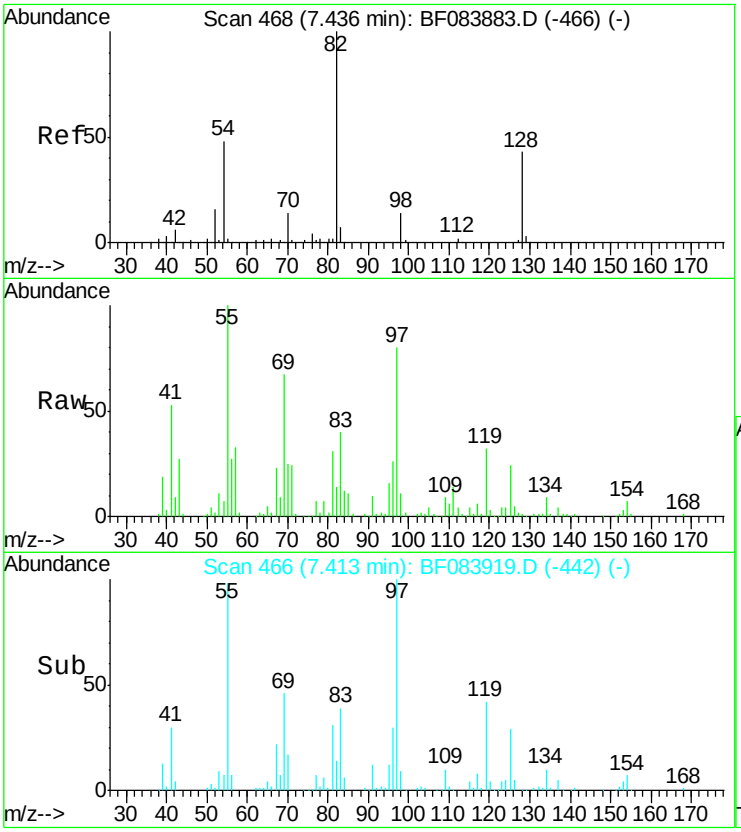


#22
Acetophenone
Concen: 8.79 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF083919.D
Acq: 18 Dec 2015 18:08

Tgt Ion:105 Resp: 32486

Ion	Ratio	Lower	Upper
105	100		
71	1057.8	3.7	5.5#
51	23.2	25.1	37.7#
120	0.0	16.6	25.0#



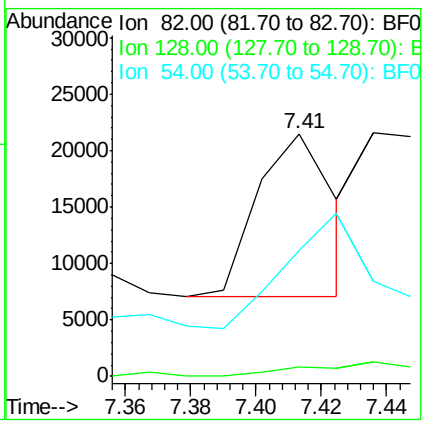


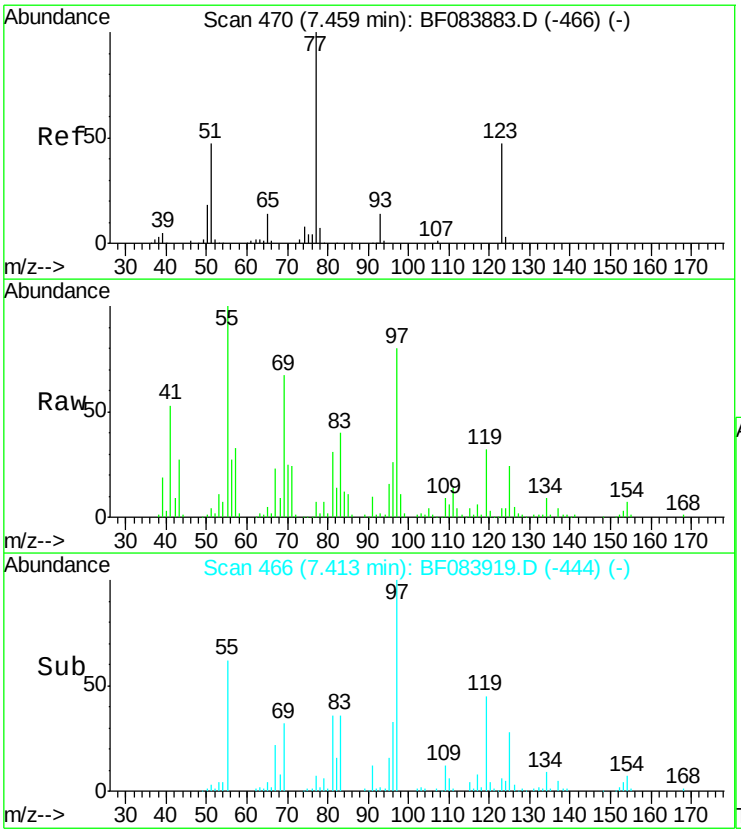
#23
Nitrobenzene-d5
Concen: 8.71 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.02 min
Lab File: BF083919.D
Acq: 18 Dec 2015 18:08

Instrument :
BNA_F
ClientSampleId :
LAR-9871

Tgt Ion: 82 Resp: 23423

Ion	Ratio	Lower	Upper
82	100		
128	3.7	34.6	51.8#
54	52.0	38.4	57.6

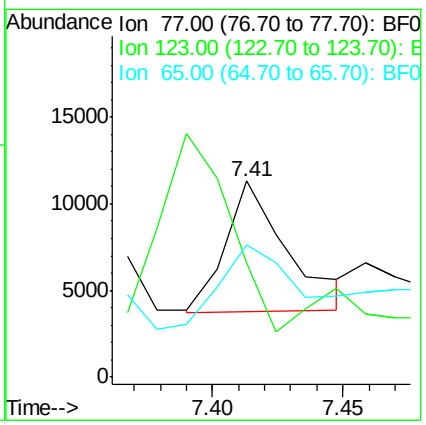


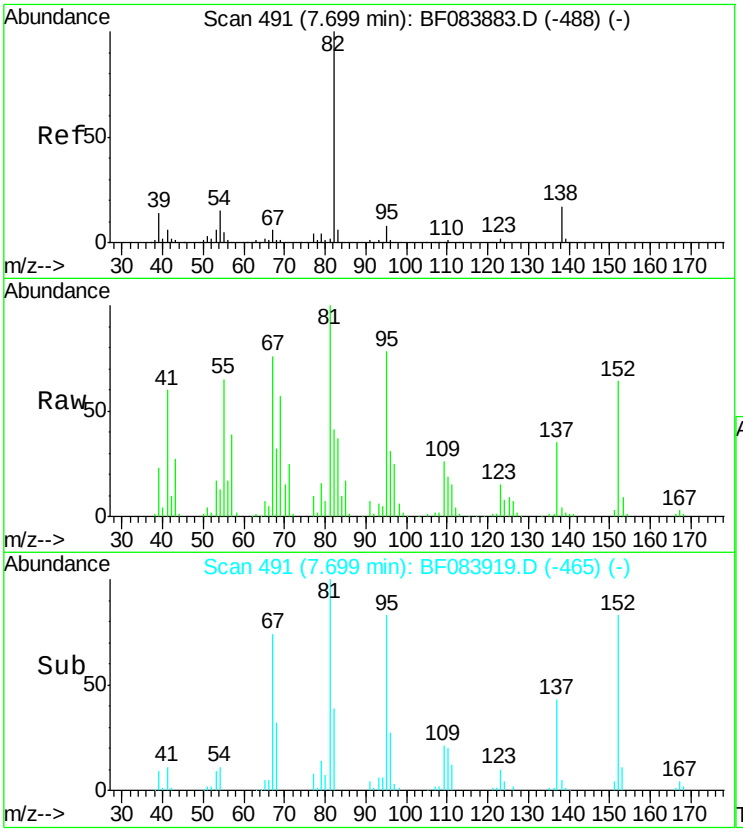


#24
Nitrobenzene
Concen: 4.51 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.05 min
Lab File: BF083919.D
Acq: 18 Dec 2015 18:08

Tgt Ion: 77 Resp: 12549

Ion	Ratio	Lower	Upper
77	100		
123	58.3	37.4	56.2#
65	67.7	10.9	16.3#



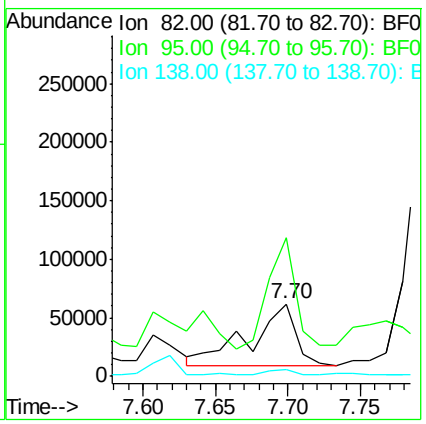


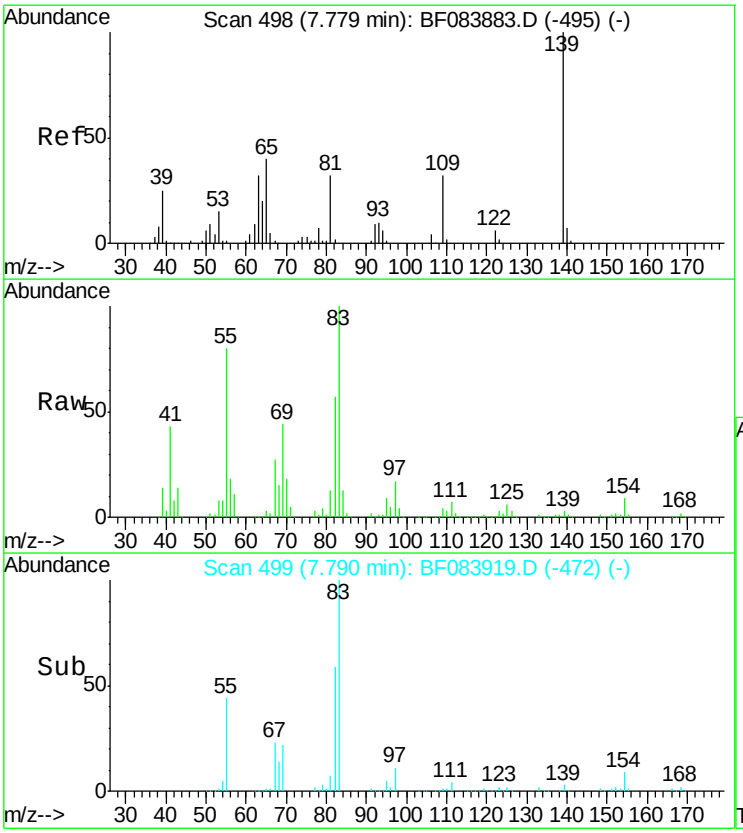
#25
Isophorone
Concen: 22.53 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF083919.D
Acq: 18 Dec 2015 18:08

Instrument :
BNA_F
ClientSampleId :
LAR-9871

Tgt Ion: 82 Resp: 114059

Ion	Ratio	Lower	Upper
82	100		
95	191.3	6.6	10.0#
138	9.9	13.6	20.4#

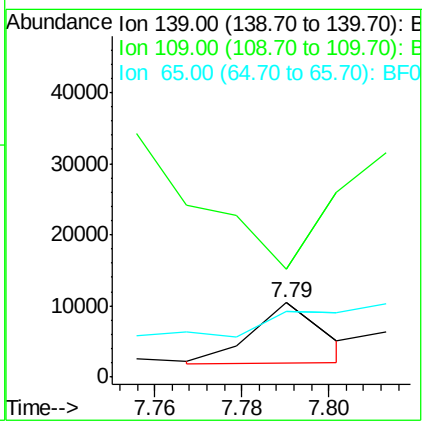


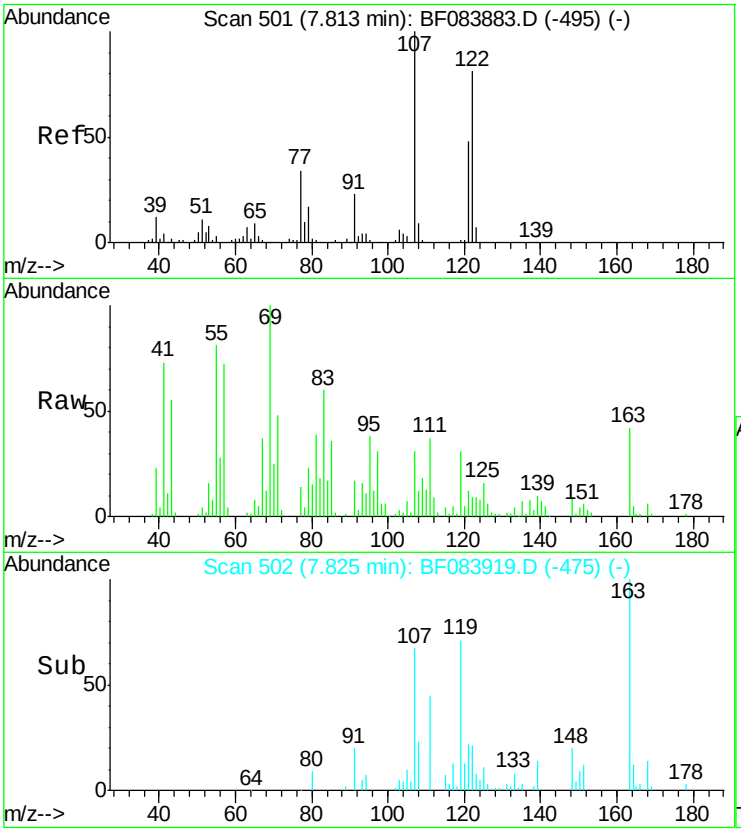


#26
2-Nitrophenol
Concen: 6.81 ng
RT: 7.79 min Scan# 499
Delta R.T. 0.01 min
Lab File: BF083919.D
Acq: 18 Dec 2015 18:08

Tgt Ion:139 Resp: 9801

Ion	Ratio	Lower	Upper
139	100		
109	144.3	25.4	38.2#
65	87.7	32.3	48.5#



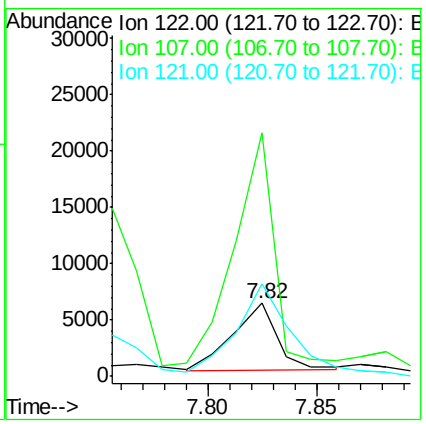


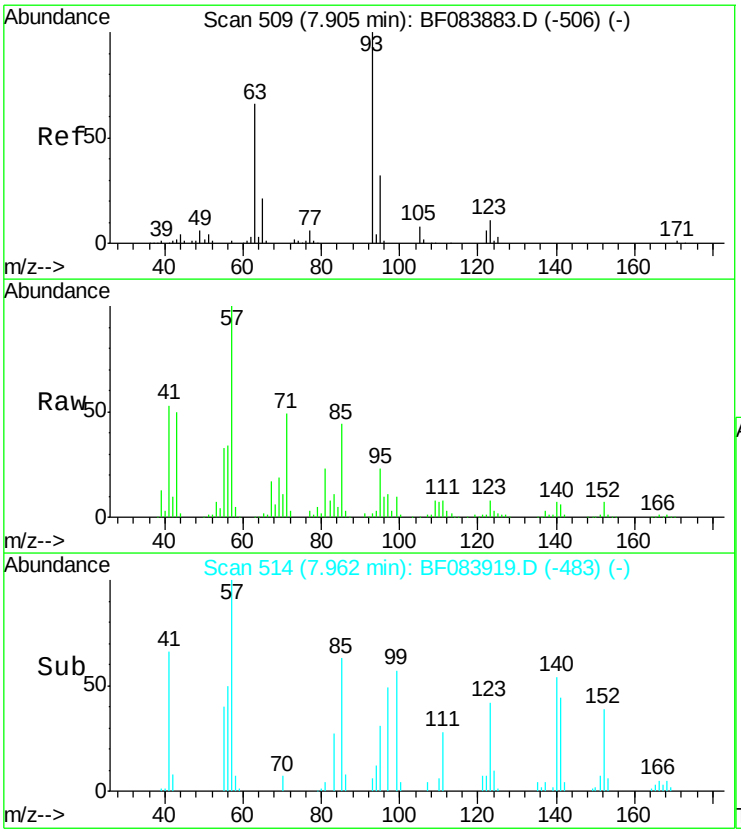
#27
2,4-Dimethylphenol
Concen: 3.46 ng
RT: 7.82 min Scan# 502
Delta R.T. 0.01 min
Lab File: BF083919.D
Acq: 18 Dec 2015 18:08

Instrument :
BNA_F
ClientSampleId :
LAR-9871

Tgt Ion:122 Resp: 8590

Ion	Ratio	Lower	Upper
122	100		
107	334.5	99.1	148.7#
121	127.7	47.9	71.9#

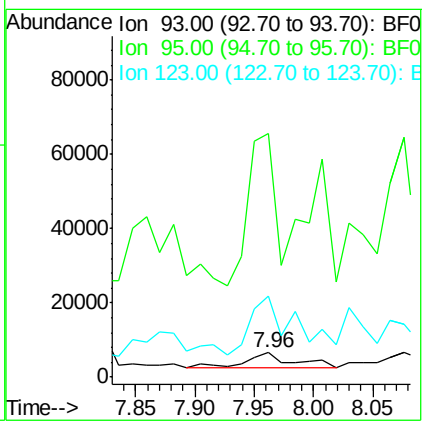


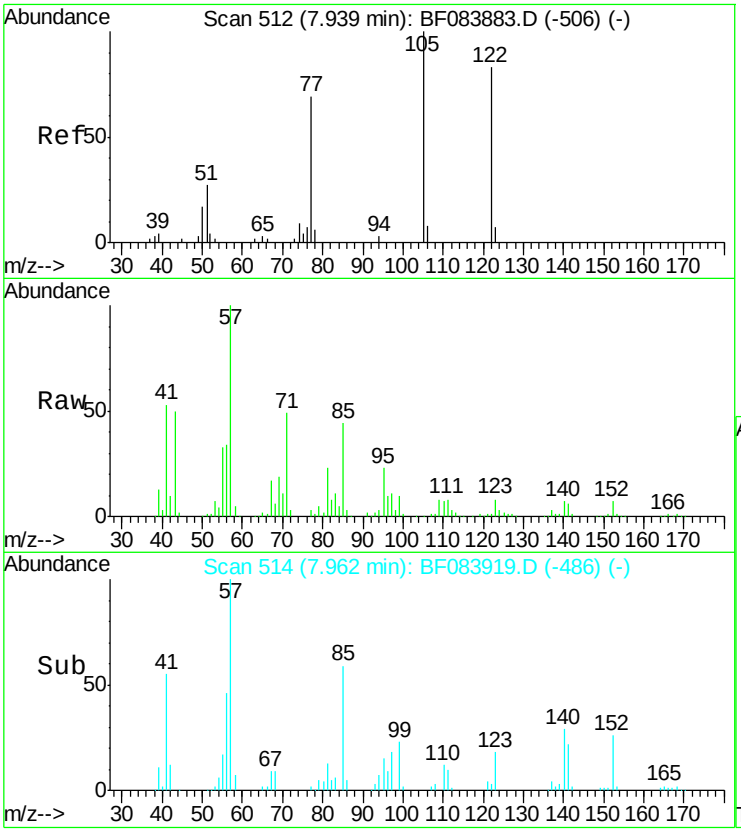


#28
bis(2-Chloroethoxy)methane
Concen: 4.01 ng
RT: 7.96 min Scan# 514
Delta R.T. 0.06 min
Lab File: BF083919.D
Acq: 18 Dec 2015 18:08

Tgt Ion: 93 Resp: 12011

Ion	Ratio	Lower	Upper
93	100		
95	990.3	25.8	38.6#
123	328.8	8.6	12.8#



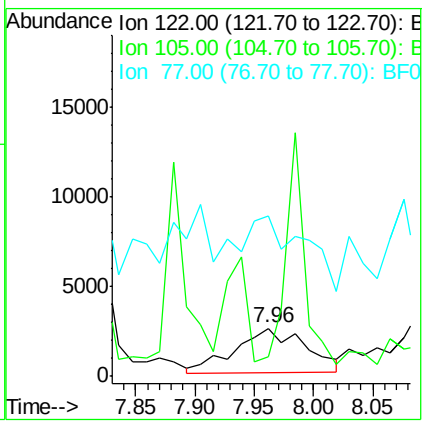


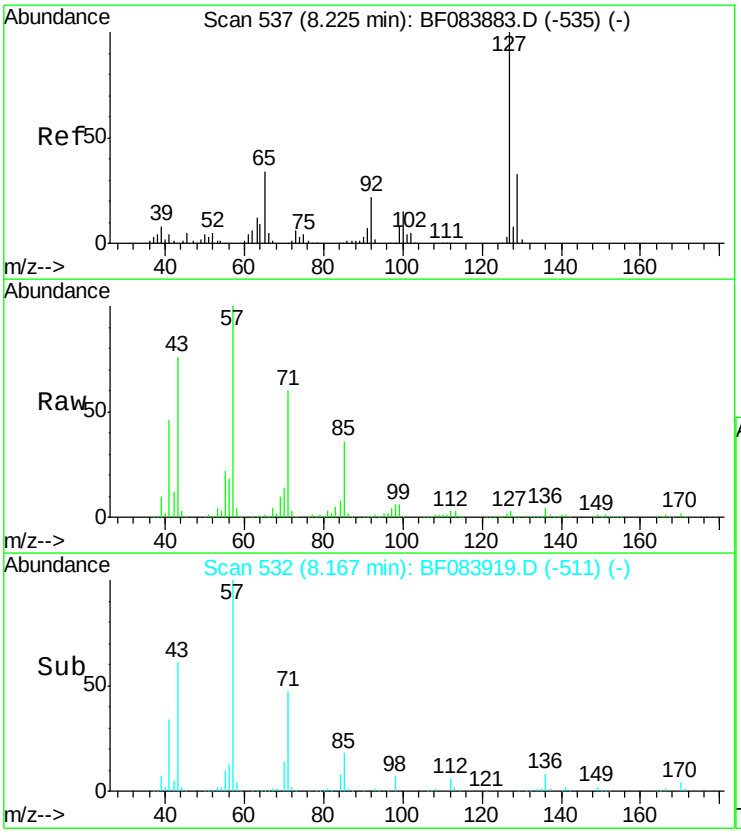
#32
Benzoic acid
Concen: 15.54 ng
RT: 7.96 min Scan# 514
Delta R.T. 0.02 min
Lab File: BF083919.D
Acq: 18 Dec 2015 18:08

Instrument :
BNA_F
ClientSampleId :
LAR-9871

Tgt Ion:122 Resp: 10123

Ion	Ratio	Lower	Upper
122	100		
105	40.9	100.3	140.3#
77	336.2	63.5	103.5#

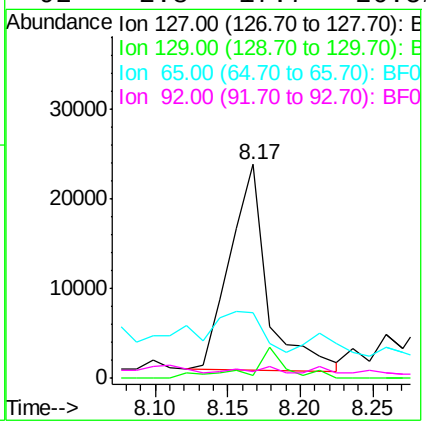


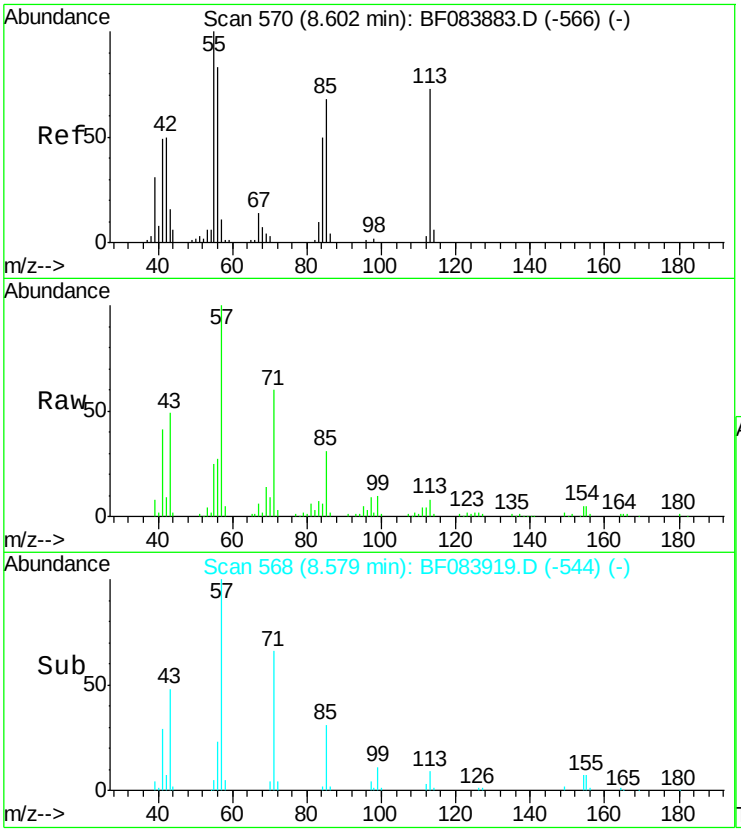


#33
4-Chloroaniline
Concen: 11.87 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.06 min
Lab File: BF083919.D
Acq: 18 Dec 2015 18:08

Tgt Ion:127 Resp: 41370

Ion	Ratio	Lower	Upper
127	100		
129	1.4	26.5	39.7#
65	30.5	27.2	40.8
92	2.8	17.7	26.5#



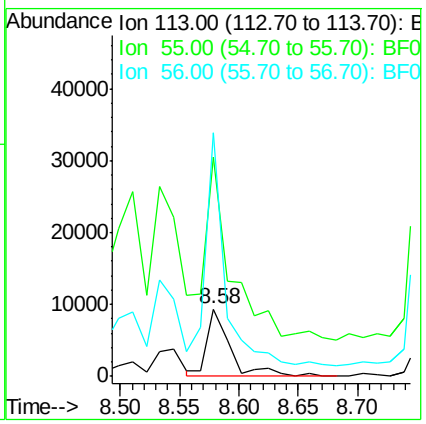


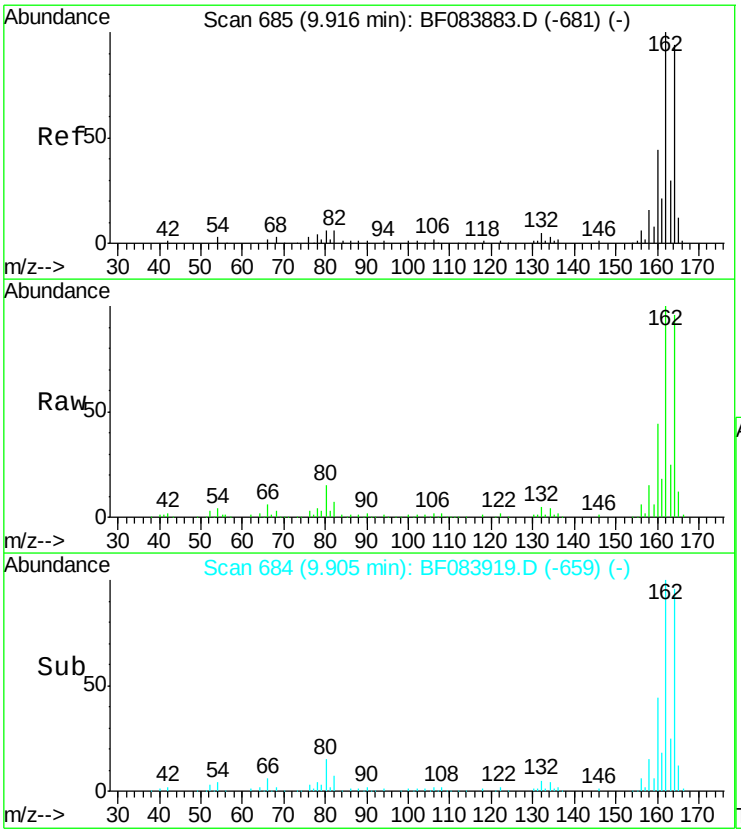
#35
Caprolactam
Concen: 17.10 ng
RT: 8.58 min Scan# 568
Delta R.T. -0.02 min
Lab File: BF083919.D
Acq: 18 Dec 2015 18:08

Instrument :
BNA_F
ClientSampleId :
LAR-9871

Tgt Ion:113 Resp: 12712

Ion	Ratio	Lower	Upper
113	100		
55	325.9	116.9	156.9#
56	361.1	93.8	133.8#

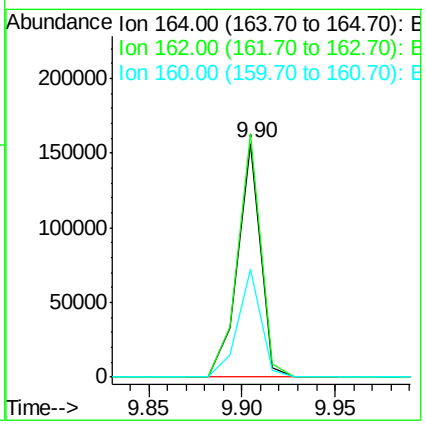


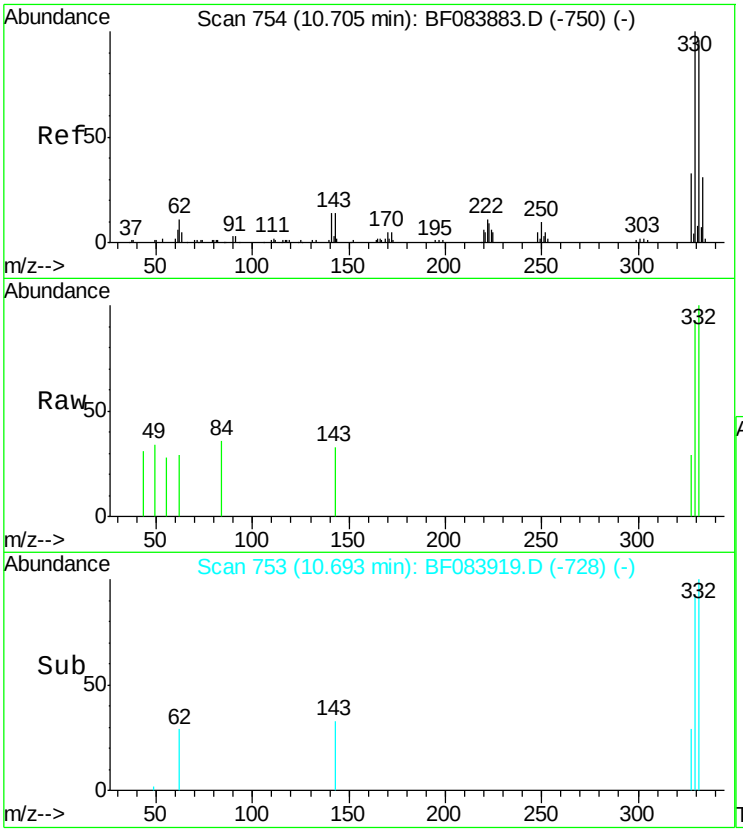


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF083919.D
Acq: 18 Dec 2015 18:08

Tgt Ion:164 Resp: 134249

Ion	Ratio	Lower	Upper
164	100		
162	104.3	85.1	127.7
160	46.4	37.5	56.3



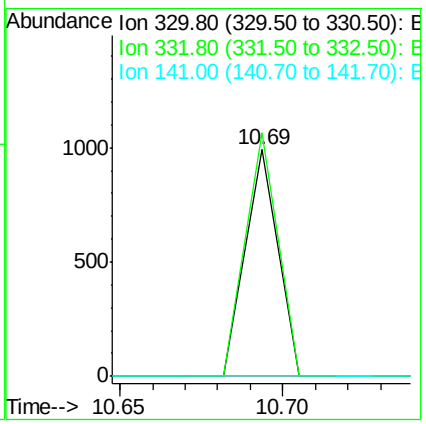


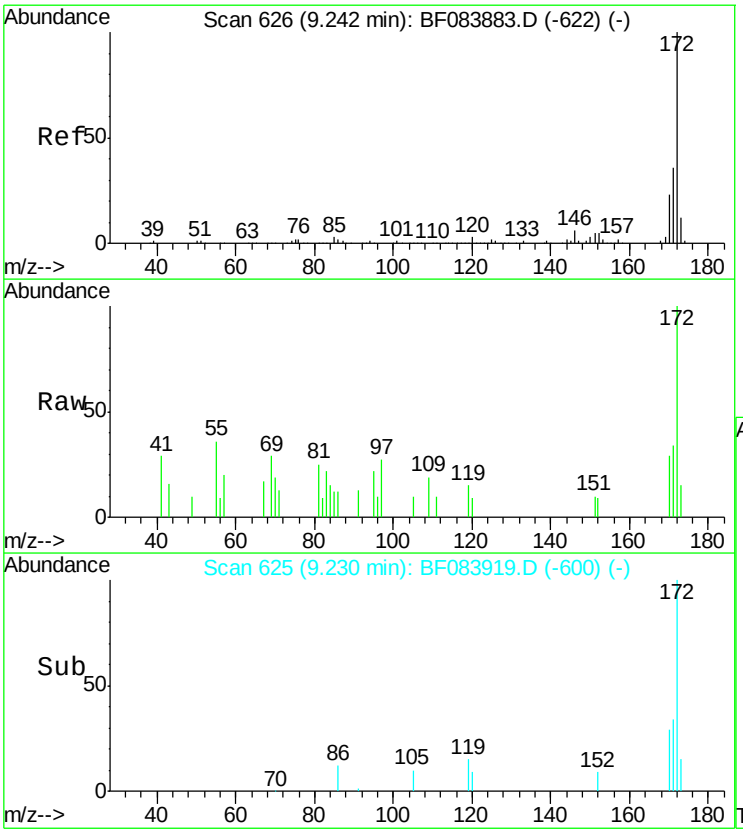
#41
2,4,6-Tribromophenol
Concen: 0.46 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF083919.D
Acq: 18 Dec 2015 18:08

Instrument :
BNA_F
ClientSampleId :
LAR-9871

Tgt Ion:330 Resp: 680

Ion	Ratio	Lower	Upper
330	100		
332	107.4	76.6	114.8
141	0.0	27.8	41.6#

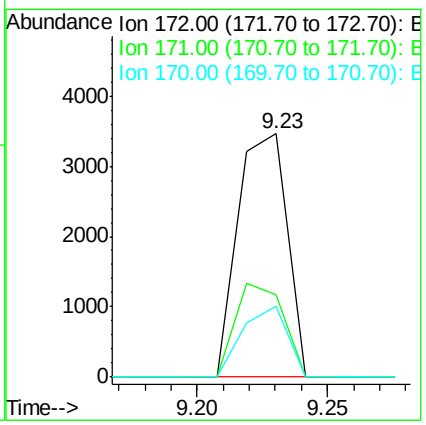


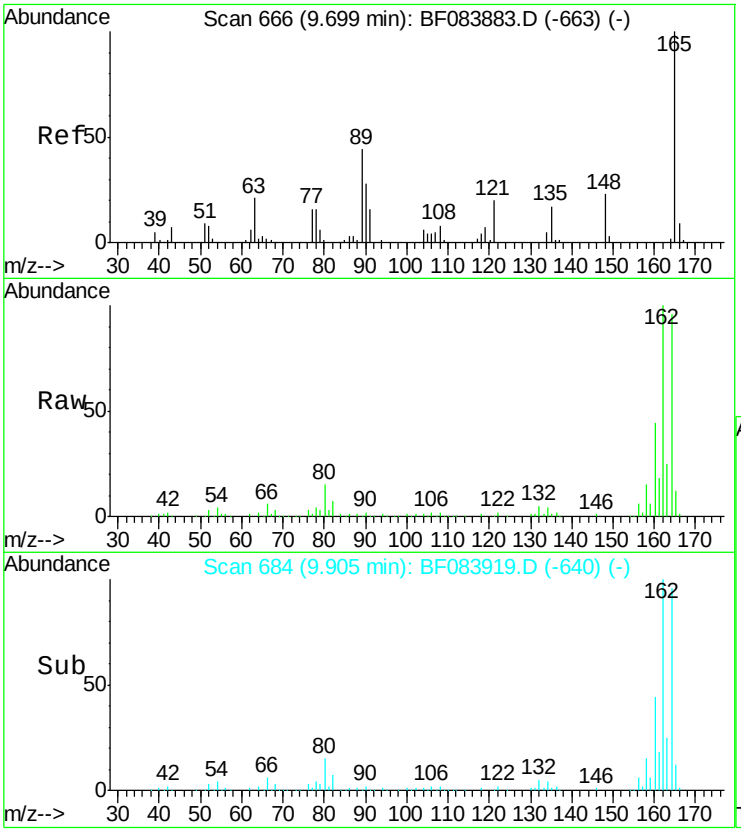


#44
2-Fluorobiphenyl
Concen: -1.00 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF083919.D
Acq: 18 Dec 2015 18:08

Tgt Ion:172 Resp: 4576

Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.9	43.3
170	29.2	18.6	27.8#



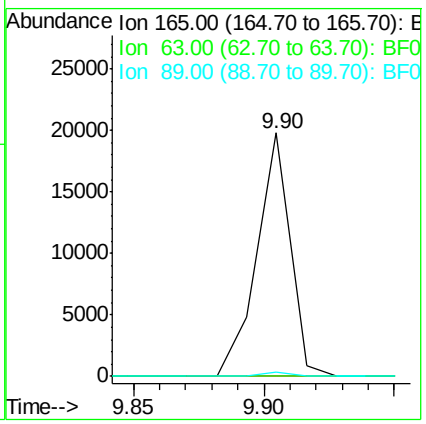


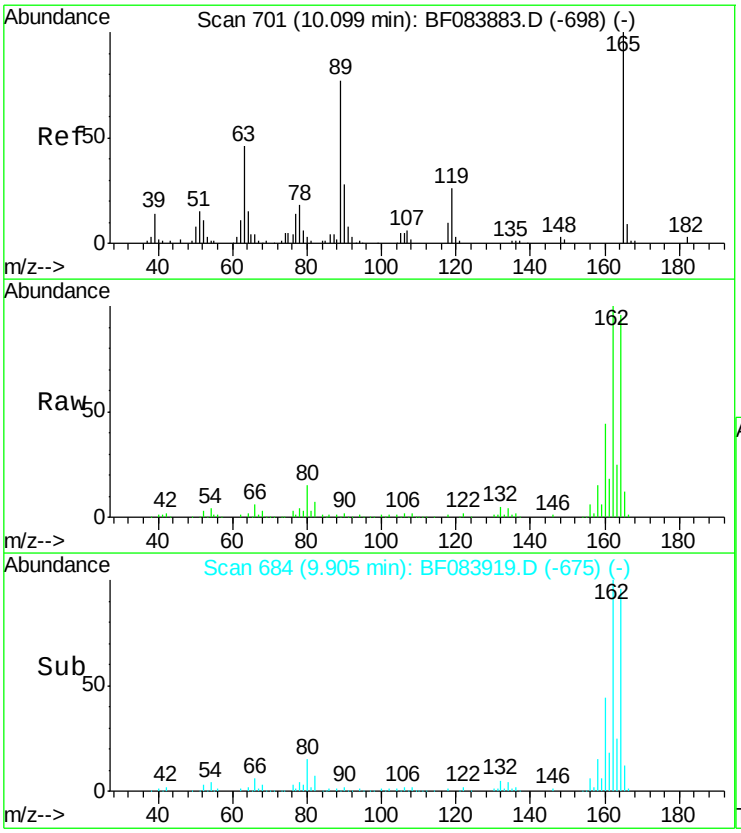
#50
2,6-Dinitrotoluene
Concen: 7.11 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.21 min
Lab File: BF083919.D
Acq: 18 Dec 2015 18:08

Instrument :
BNA_F
ClientSampleId :
LAR-9871

Tgt Ion:165 Resp: 17469

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.8	43.2#
89	2.0	35.1	52.7#

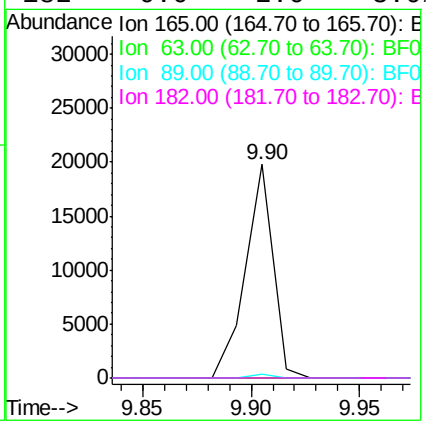


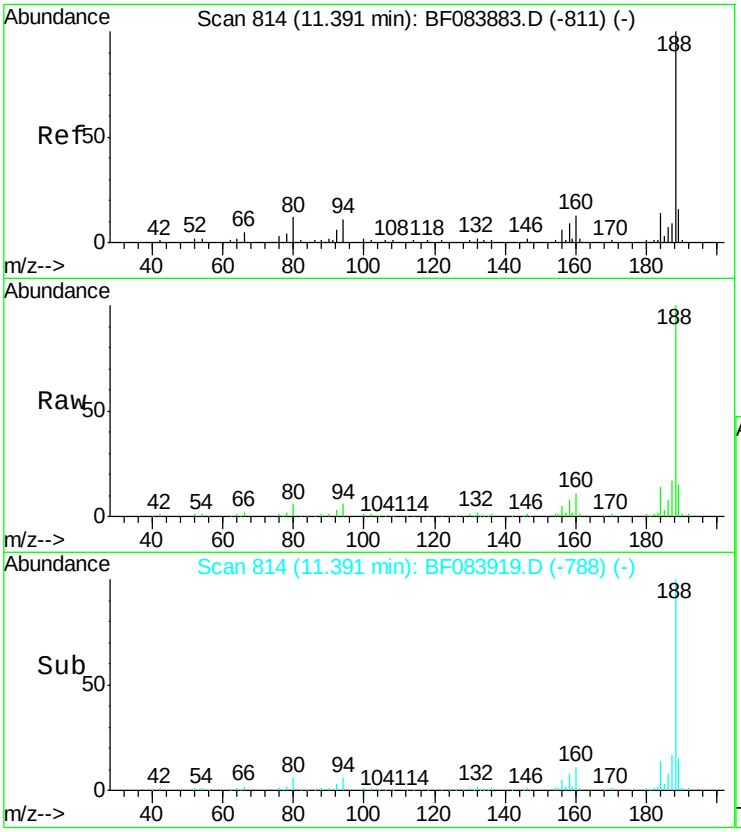


#56
2,4-Dinitrotoluene
Concen: 5.55 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.19 min
Lab File: BF083919.D
Acq: 18 Dec 2015 18:08

Tgt Ion:165 Resp: 17470

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



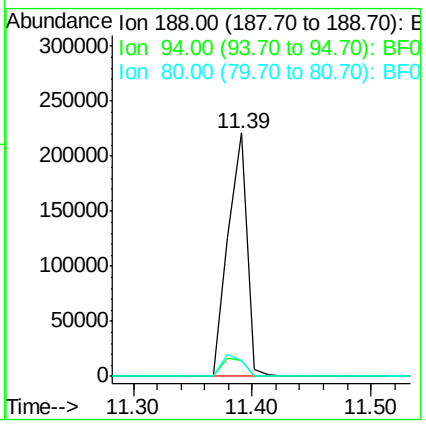


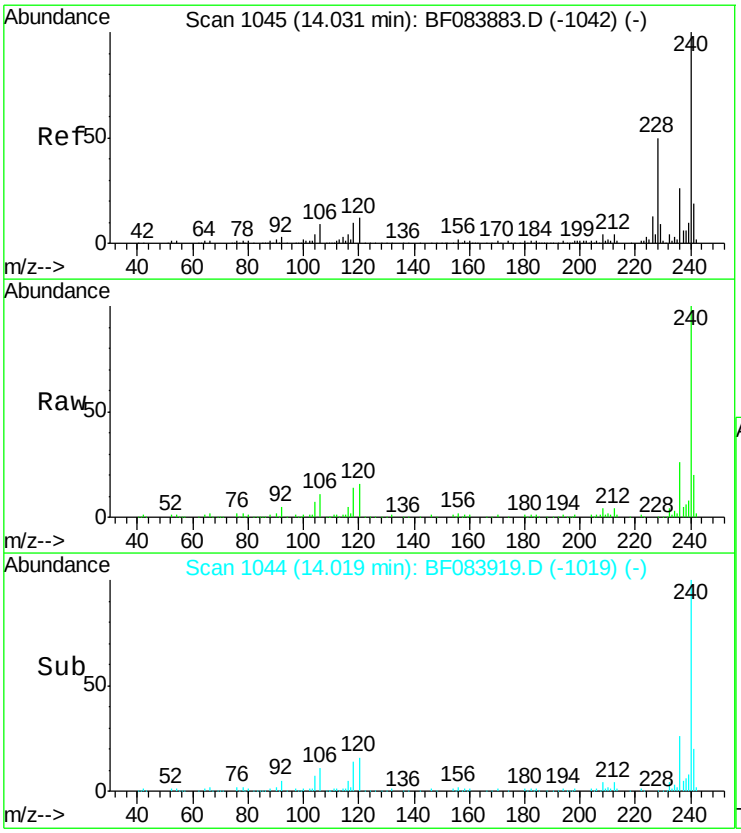
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF083919.D
Acq: 18 Dec 2015 18:08

Instrument :
BNA_F
ClientSampleId :
LAR-9871

Tgt Ion:188 Resp: 245343

Ion	Ratio	Lower	Upper
188	100		
94	6.3	9.0	13.4#
80	6.4	9.6	14.4#

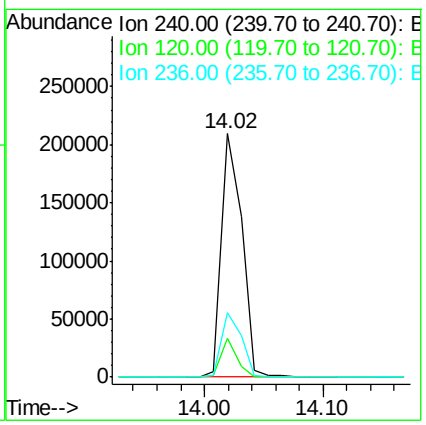


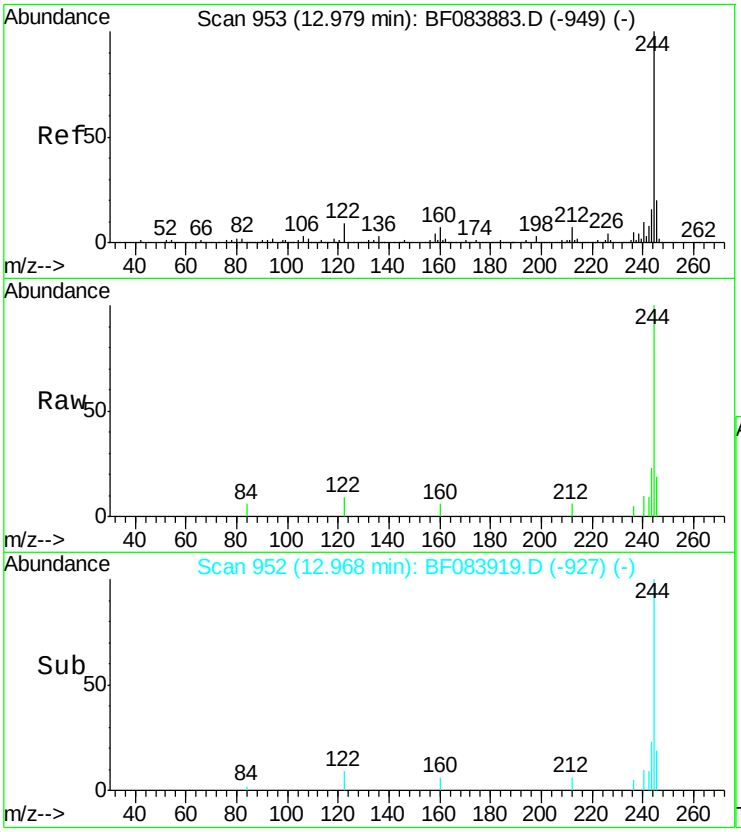


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF083919.D
Acq: 18 Dec 2015 18:08

Tgt Ion:240 Resp: 247163

Ion	Ratio	Lower	Upper
240	100		
120	16.0	9.5	14.3#
236	26.5	20.6	31.0



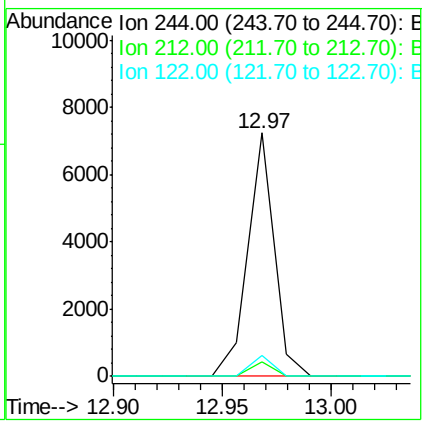


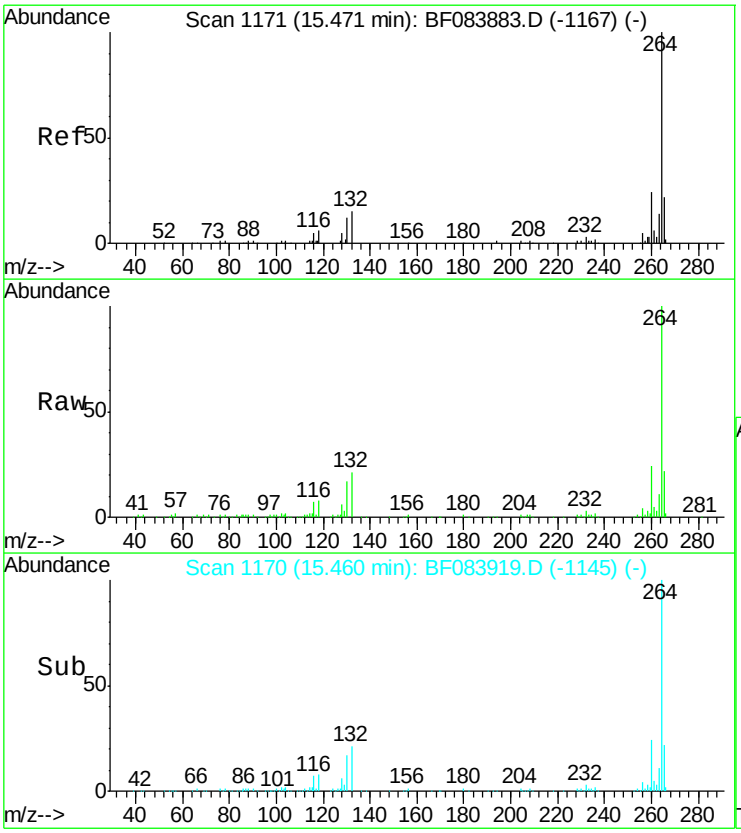
#78
Terphenyl-d14
Concen: -6.15 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF083919.D
Acq: 18 Dec 2015 18:08

Instrument :
BNA_F
ClientSampleId :
LAR-9871

Tgt Ion:244 Resp: 6105

Ion	Ratio	Lower	Upper
244	100		
212	5.8	5.7	8.5
122	8.5	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: BF083919.D
Acq: 18 Dec 2015 18:08

Tgt Ion:264 Resp: 195917

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.6	17.8	26.6