Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083924.D
Acq On : 18 Dec 2015 20:26
Operator : UM/SJ
Sample : G4820-01 20X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9876

Quant Time: Dec 19 04:18:14 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	67392	20.00	ng		-0.01
21) Naphthalene-d8	8.16	136	160095	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	121515	20.00	ng		-0.01
63) Phenanthrene-d10	11.39	188	255928	20.00	ng		0.00
75) Chrysene-d12	14.02	240	258305	20.00	ng		-0.01
86) Perylene-d12	15.46	264	206542	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	2130	0.49	ng		0.00
7) Phenol-d6	6.51	99	5086	0.96	ng		0.00
23) Nitrobenzene-d5	7.40	82	16363	5.83	ng		-0.03
41) 2,4,6-Tribromophenol	10.69	330	649	0.48	ng		-0.01
44) 2-Fluorobiphenyl	9.22	172	4872	-1.00	ng		-0.02
78) Terphenyl-d14	12.97	244	5394	-6.24	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	15685	5.10	ng	#	27
22) Acetophenone	7.26	105	12626	3.28	ng	#	1
24) Nitrobenzene	7.41	77	10205	3.52	ng	#	62
25) Isophorone	7.69	82	88502	16.77	ng	#	1
26) 2-Nitrophenol	7.79	139	8396	5.59	ng	#	1
31) Naphthalene	8.18	128	14907	Below Cal		#	76
32) Benzoic acid	7.95	122	5960	9.83	ng	#	1
33) 4-Chloroaniline	8.28	127	9338	2.57	ng	#	60
35) Caprolactam	8.58	113	9283	11.97	ng	#	1
36) 4-Chloro-3-methylphenol	8.70	107	2409	Below Cal		#	20
45) 1,1'-Biphenyl	9.32	154	1748	Below Cal			88
50) 2,6-Dinitrotoluene	9.90	165	15468	6.95	ng	#	37
56) 2,4-Dinitrotoluene	9.90	165	15468	5.43	ng	#	21

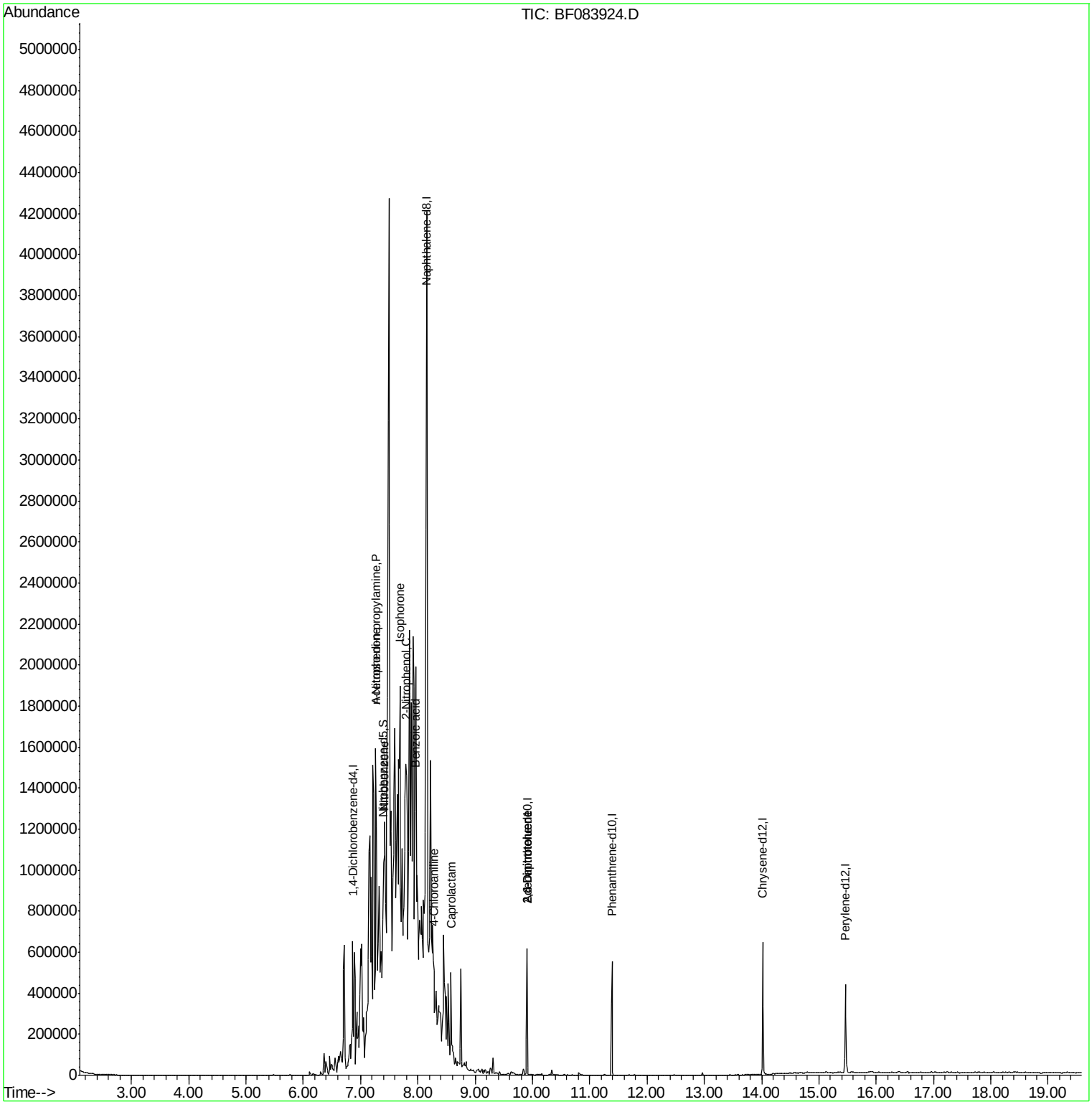
(#) = qualifier out of range (m) = manual integration (+) = signals summed

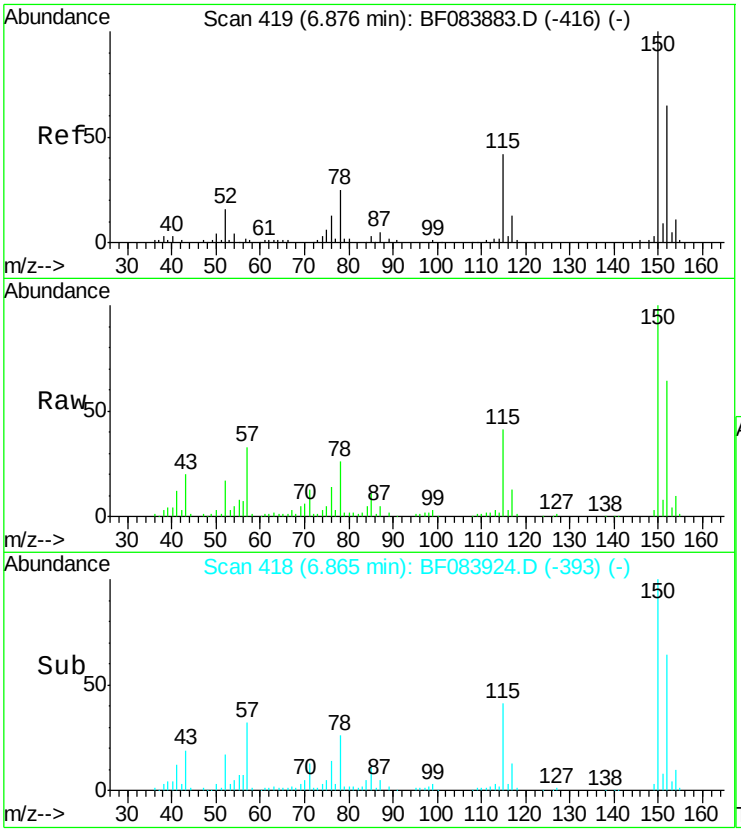
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083924.D
Acq On : 18 Dec 2015 20:26
Operator : UM/SJ
Sample : G4820-01 20X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAR-9876

Quant Time: Dec 19 04:18:14 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



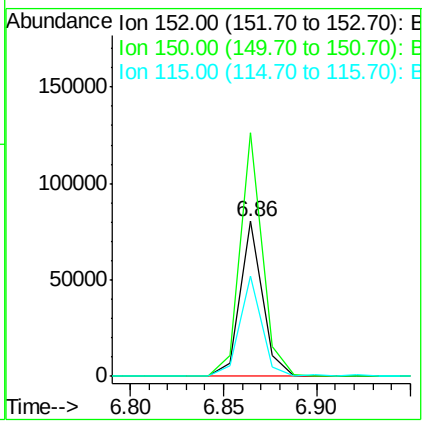


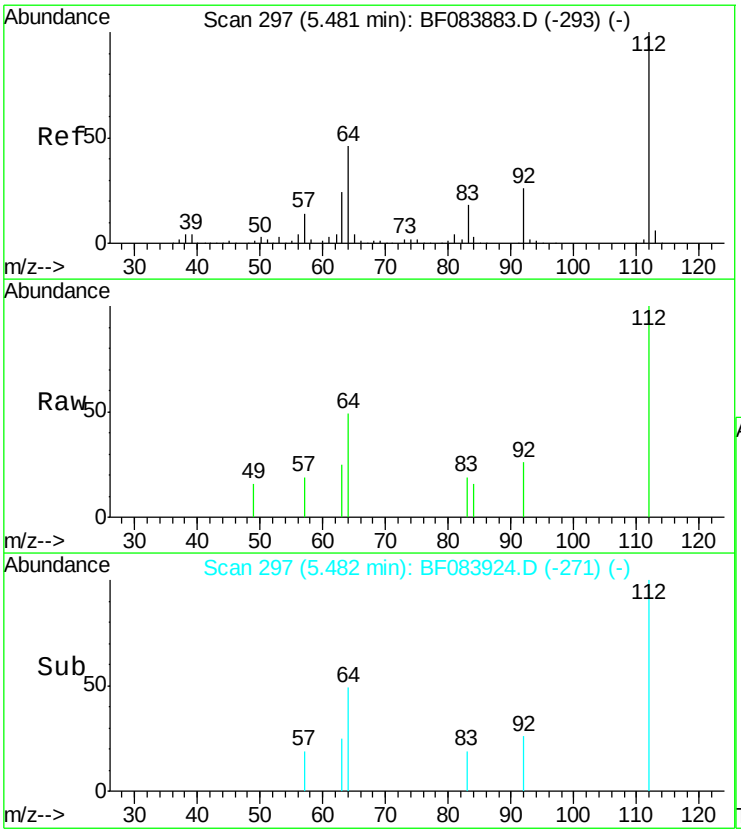
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF083924.D
Acq: 18 Dec 2015 20:26

Instrument :
BNA_F
ClientSampleId :
LAR-9876

Tgt Ion:152 Resp: 67392

Ion	Ratio	Lower	Upper
152	100		
150	157.1	123.0	184.4
115	64.6	51.4	77.2

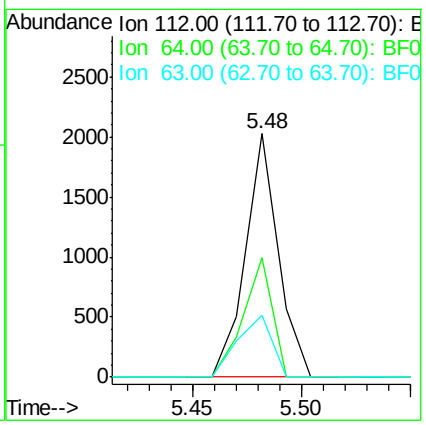


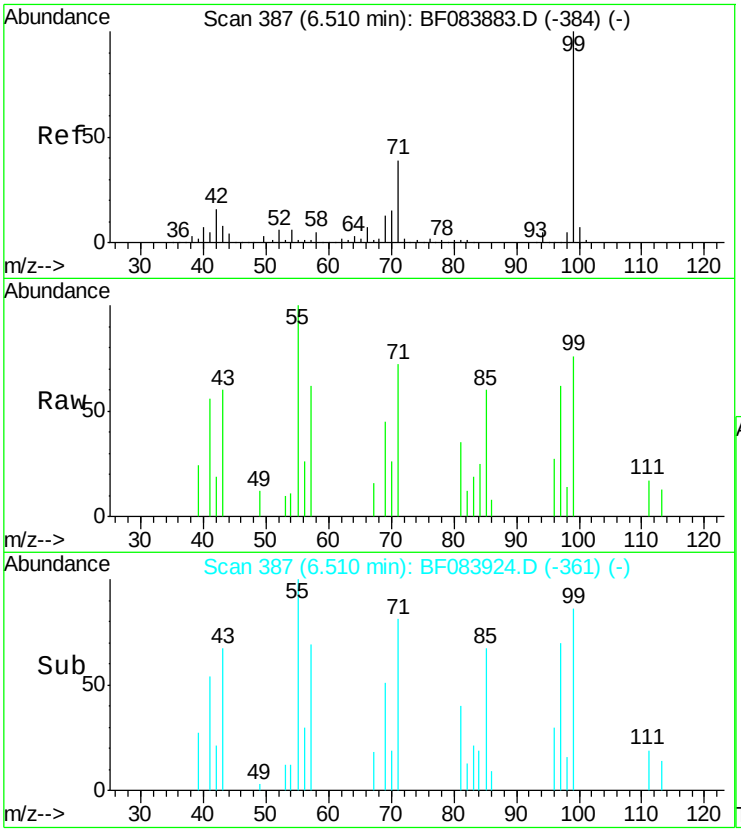


#5
2-Fluorophenol
Concen: 0.49 ng
RT: 5.48 min Scan# 297
Delta R.T. 0.00 min
Lab File: BF083924.D
Acq: 18 Dec 2015 20:26

Tgt Ion:112 Resp: 2130

Ion	Ratio	Lower	Upper
112	100		
64	49.2	36.6	55.0
63	25.4	19.4	29.0



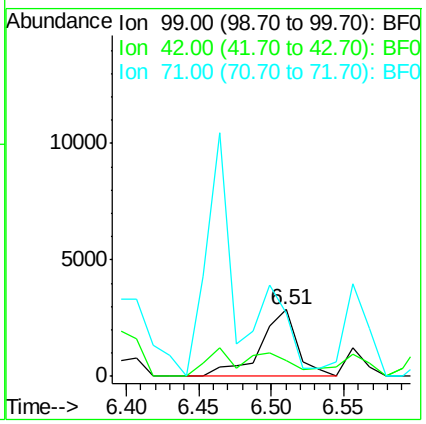


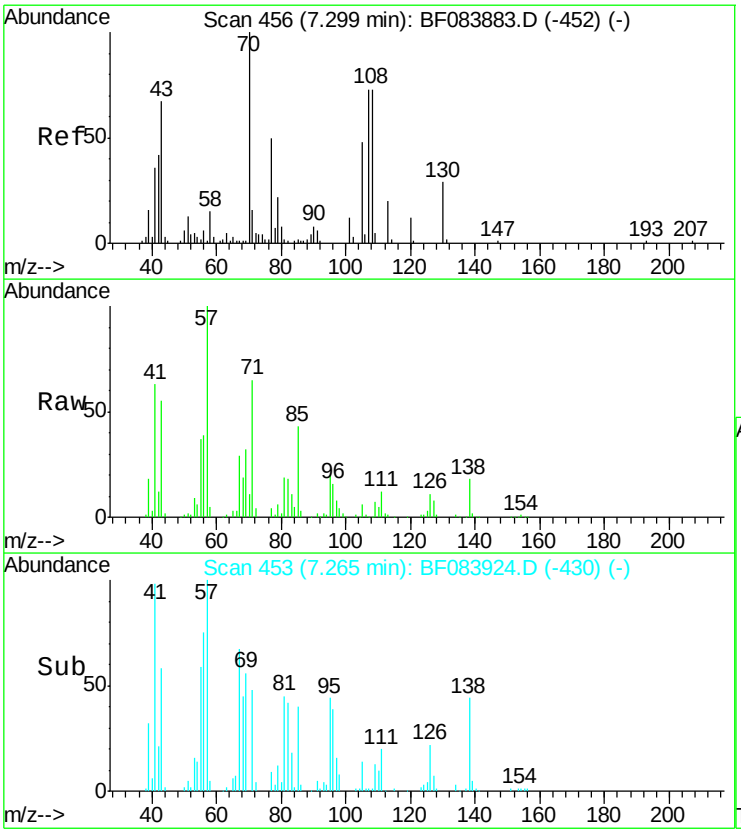
#7
Phenol-d6
Concen: 0.96 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF083924.D
Acq: 18 Dec 2015 20:26

Instrument :
BNA_F
ClientSampleId :
LAR-9876

Tgt Ion: 99 Resp: 5086

Ion	Ratio	Lower	Upper
99	100		
42	24.4	12.8	19.2#
71	94.3	30.9	46.3#

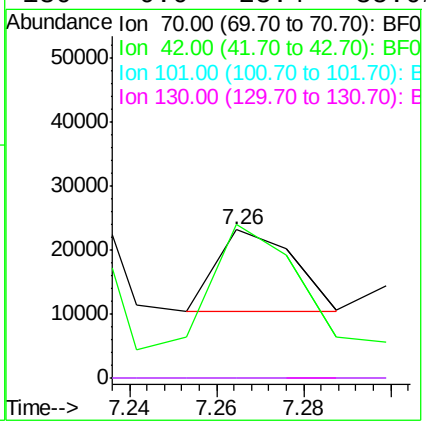


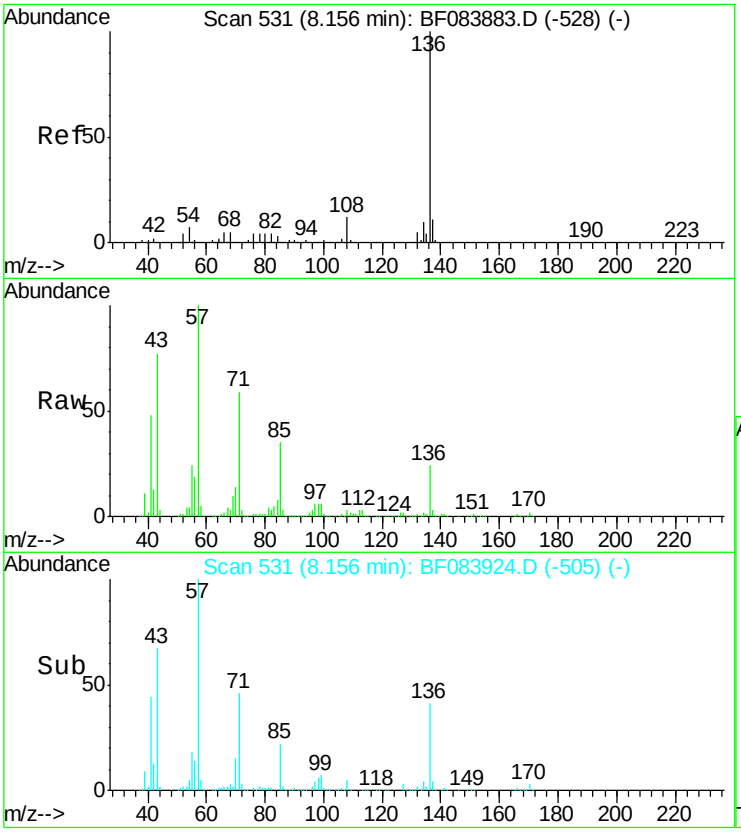


#19
n-Nitroso-di-n-propylamine
Concen: 5.10 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.03 min
Lab File: BF083924.D
Acq: 18 Dec 2015 20:26

Tgt Ion: 70 Resp: 15685

Ion	Ratio	Lower	Upper
70	100		
42	103.3	33.3	49.9#
101	0.0	9.3	13.9#
130	0.0	23.4	35.0#



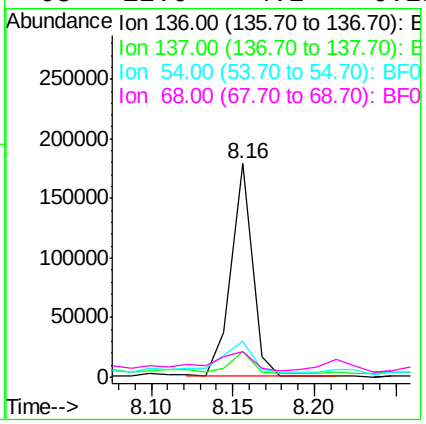


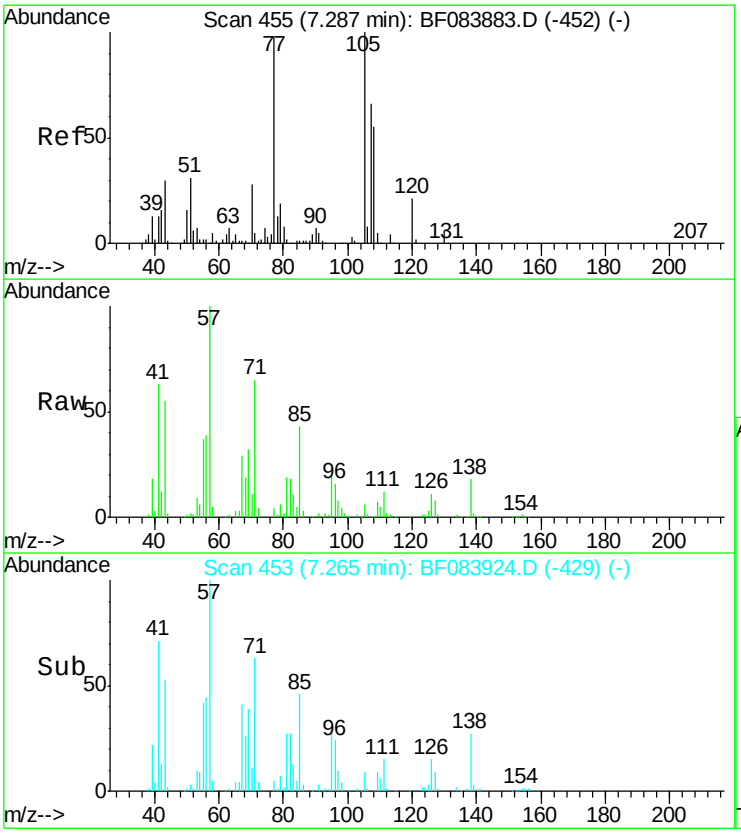
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF083924.D
Acq: 18 Dec 2015 20:26

Instrument :
BNA_F
ClientSampleId :
LAR-9876

Tgt Ion:136 Resp: 160095

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.7	13.1
54	16.9	5.8	8.8#
68	12.0	4.2	6.2#

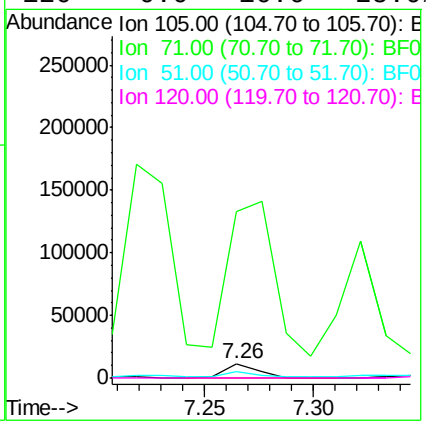


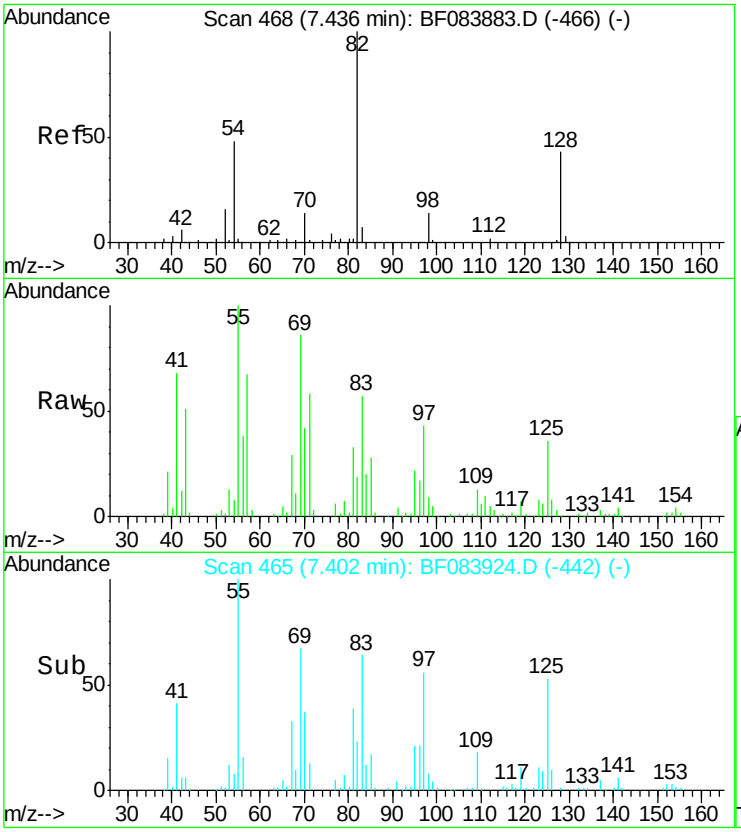


#22
Acetophenone
Concen: 3.28 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF083924.D
Acq: 18 Dec 2015 20:26

Tgt Ion:105 Resp: 12626

Ion	Ratio	Lower	Upper
105	100		
71	1136.0	3.7	5.5#
51	41.2	25.1	37.7#
120	0.0	16.6	25.0#



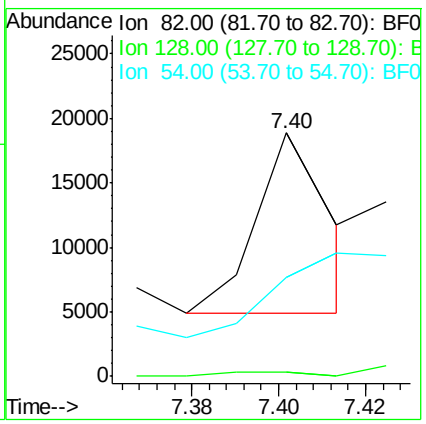


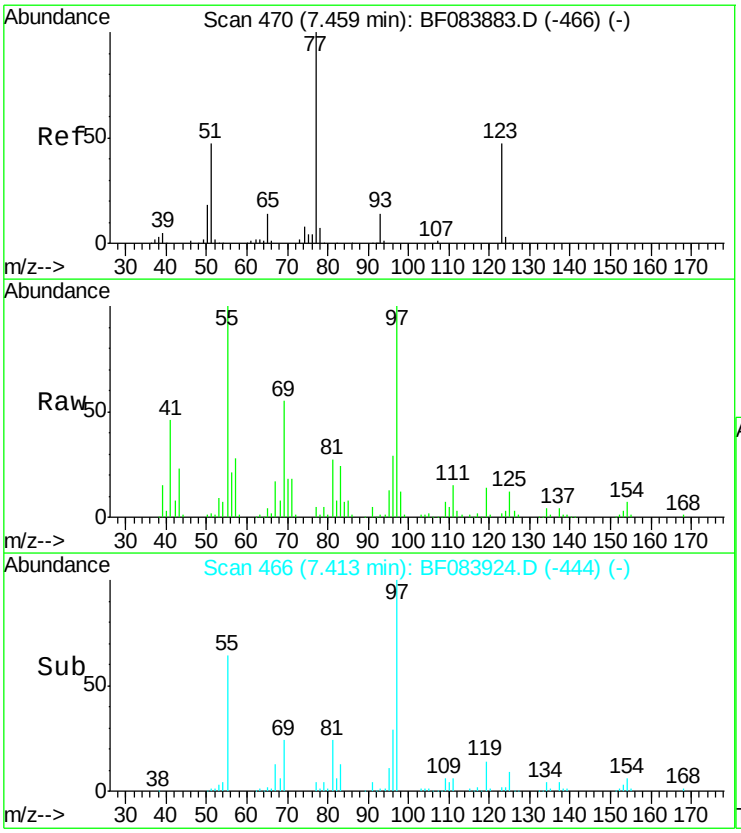
#23
Nitrobenzene-d5
Concen: 5.83 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.03 min
Lab File: BF083924.D
Acq: 18 Dec 2015 20:26

Instrument :
BNA_F
ClientSampleId :
LAR-9876

Tgt Ion: 82 Resp: 16363

Ion	Ratio	Lower	Upper
82	100		
128	1.8	34.6	51.8#
54	40.5	38.4	57.6

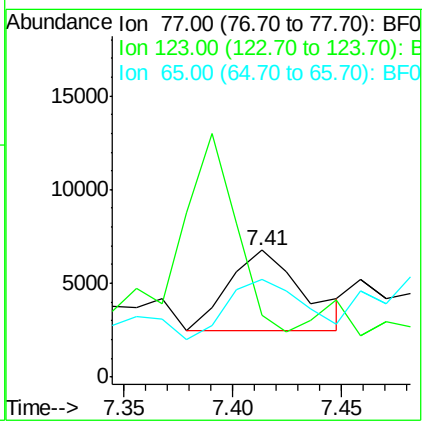


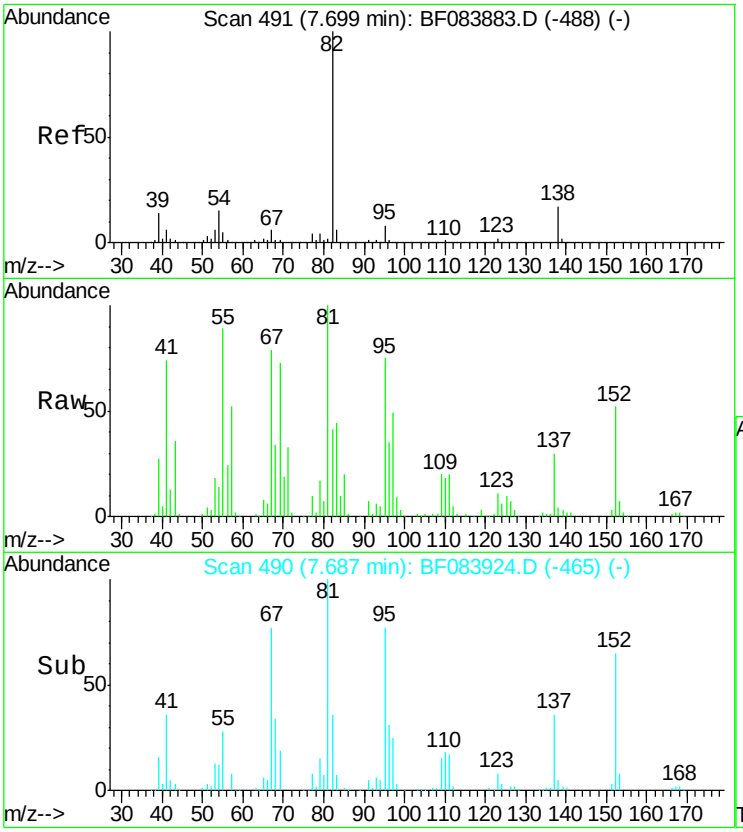


#24
Nitrobenzene
Concen: 3.52 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.05 min
Lab File: BF083924.D
Acq: 18 Dec 2015 20:26

Tgt Ion: 77 Resp: 10205

Ion	Ratio	Lower	Upper
77	100		
123	49.2	37.4	56.2
65	77.4	10.9	16.3#



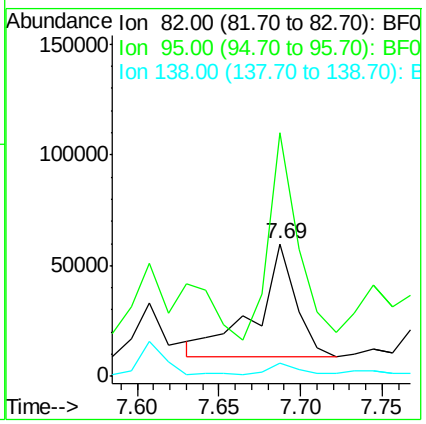


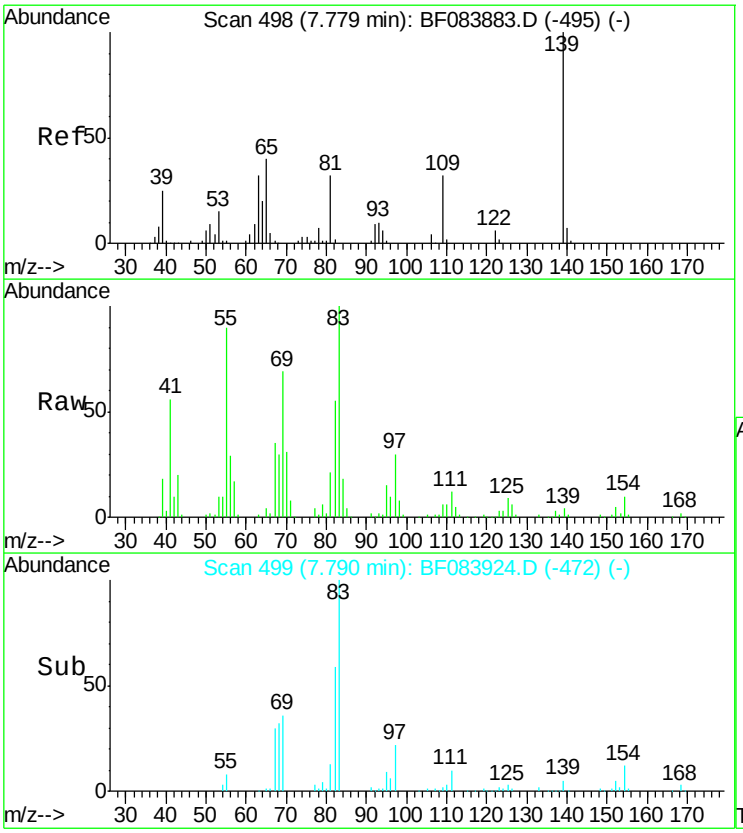
#25
Isophorone
Concen: 16.77 ng
RT: 7.69 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF083924.D
Acq: 18 Dec 2015 20:26

Instrument :
BNA_F
ClientSampleId :
LAR-9876

Tgt Ion: 82 Resp: 88502

Ion	Ratio	Lower	Upper
82	100		
95	184.0	6.6	10.0#
138	9.7	13.6	20.4#

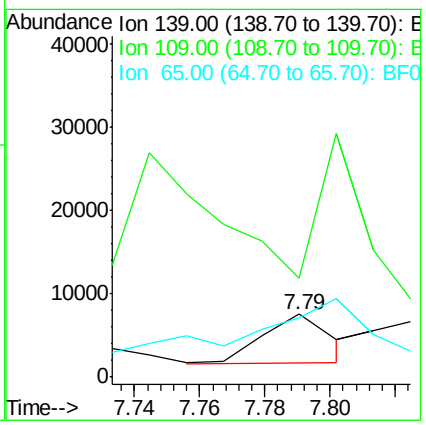


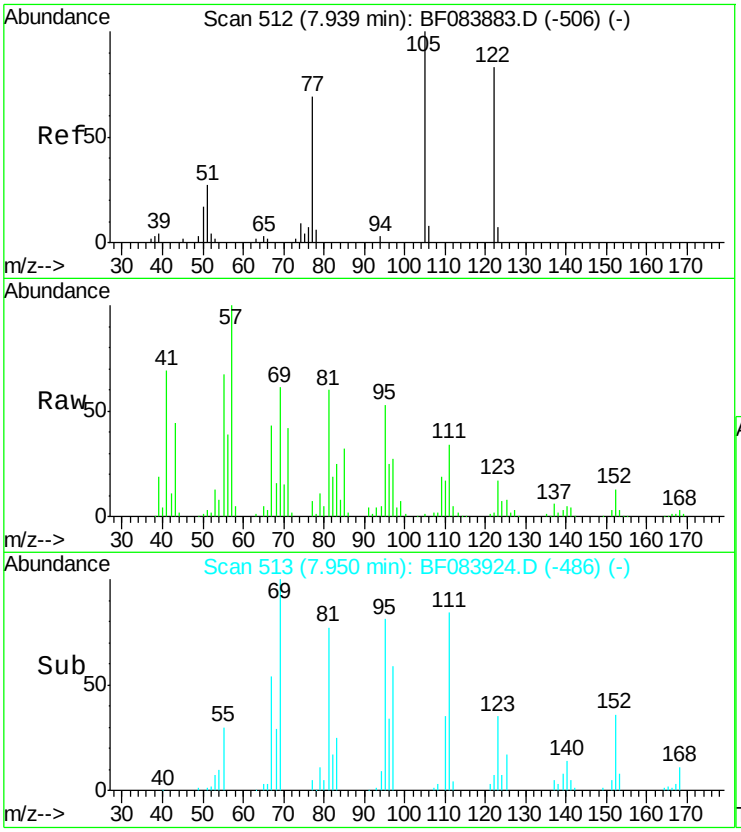


#26
2-Nitrophenol
Concen: 5.59 ng
RT: 7.79 min Scan# 499
Delta R.T. 0.01 min
Lab File: BF083924.D
Acq: 18 Dec 2015 20:26

Tgt Ion:139 Resp: 8396

Ion	Ratio	Lower	Upper
139	100		
109	158.7	25.4	38.2#
65	95.5	32.3	48.5#



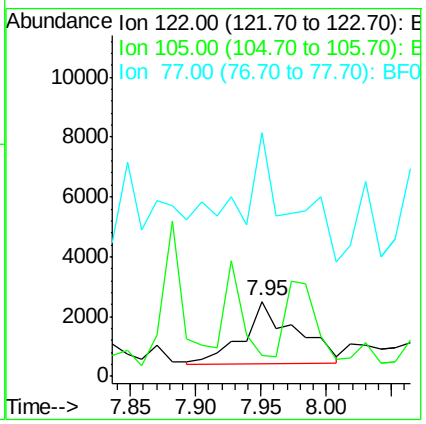


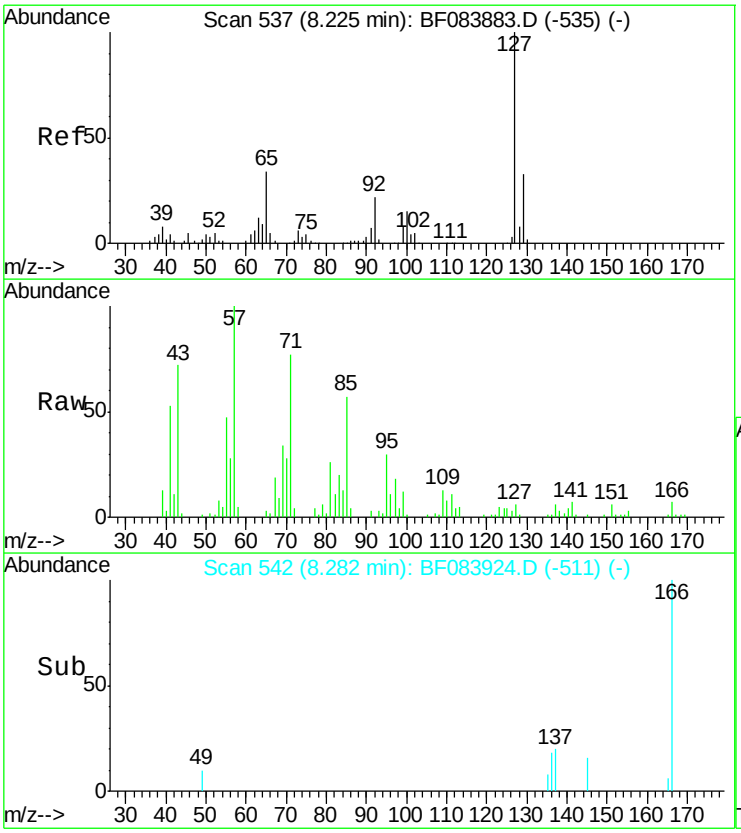
#32
Benzoic acid
Concen: 9.83 ng
RT: 7.95 min Scan# 513
Delta R.T. 0.01 min
Lab File: BF083924.D
Acq: 18 Dec 2015 20:26

Instrument :
BNA_F
ClientSampleId :
LAR-9876

Tgt Ion:122 Resp: 5960

Ion	Ratio	Lower	Upper
122	100		
105	28.7	100.3	140.3#
77	325.5	63.5	103.5#

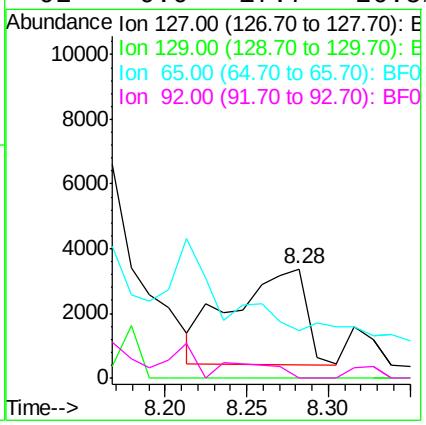


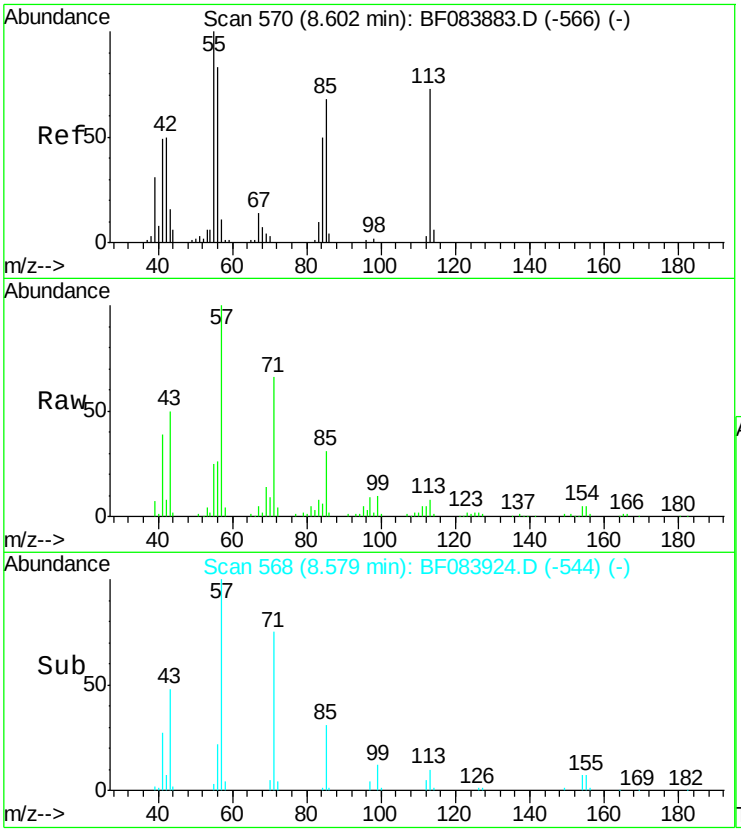


#33
4-Chloroaniline
Concen: 2.57 ng
RT: 8.28 min Scan# 542
Delta R.T. 0.06 min
Lab File: BF083924.D
Acq: 18 Dec 2015 20:26

Tgt Ion:127 Resp: 9338

Ion	Ratio	Lower	Upper
127	100		
129	0.0	26.5	39.7#
65	43.6	27.2	40.8#
92	0.0	17.7	26.5#



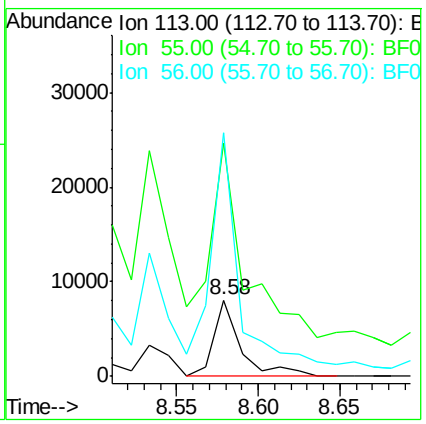


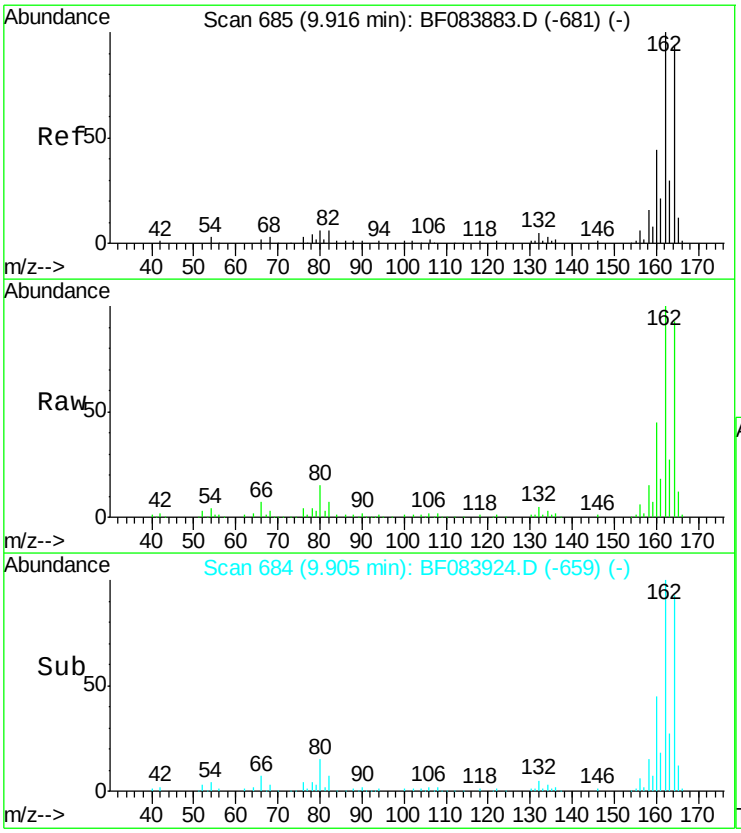
#35
Caprolactam
Concen: 11.97 ng
RT: 8.58 min Scan# 568
Delta R.T. -0.02 min
Lab File: BF083924.D
Acq: 18 Dec 2015 20:26

Instrument :
BNA_F
ClientSampleId :
LAR-9876

Tgt Ion:113 Resp: 9283

Ion	Ratio	Lower	Upper
113	100		
55	304.6	116.9	156.9#
56	318.6	93.8	133.8#

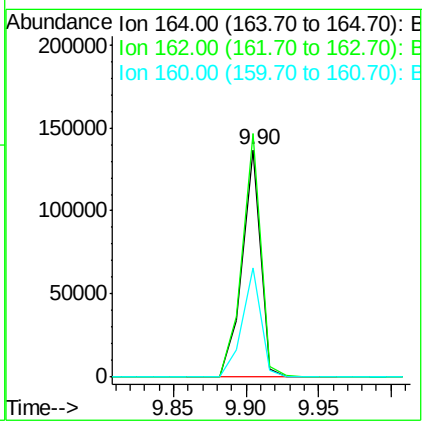


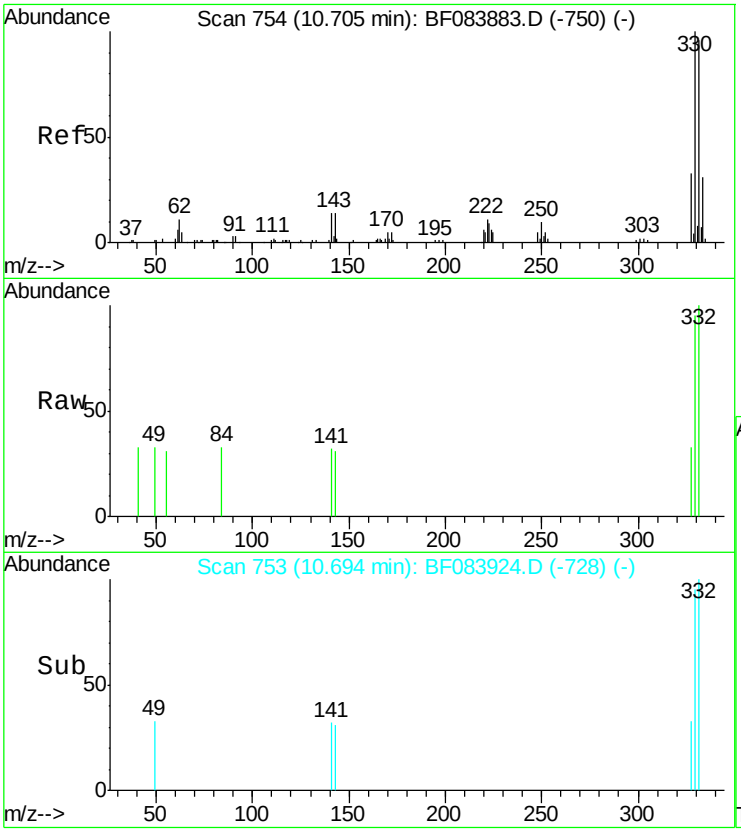


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF083924.D
Acq: 18 Dec 2015 20:26

Tgt Ion:164 Resp: 121515

Ion	Ratio	Lower	Upper
164	100		
162	107.3	85.1	127.7
160	48.1	37.5	56.3



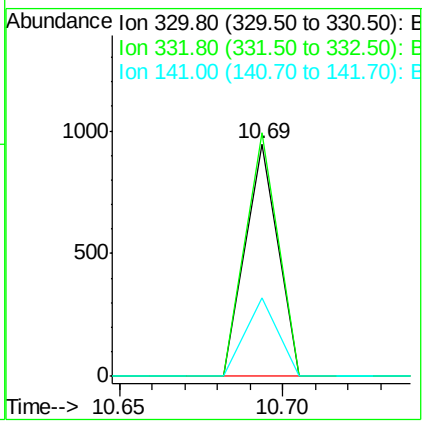


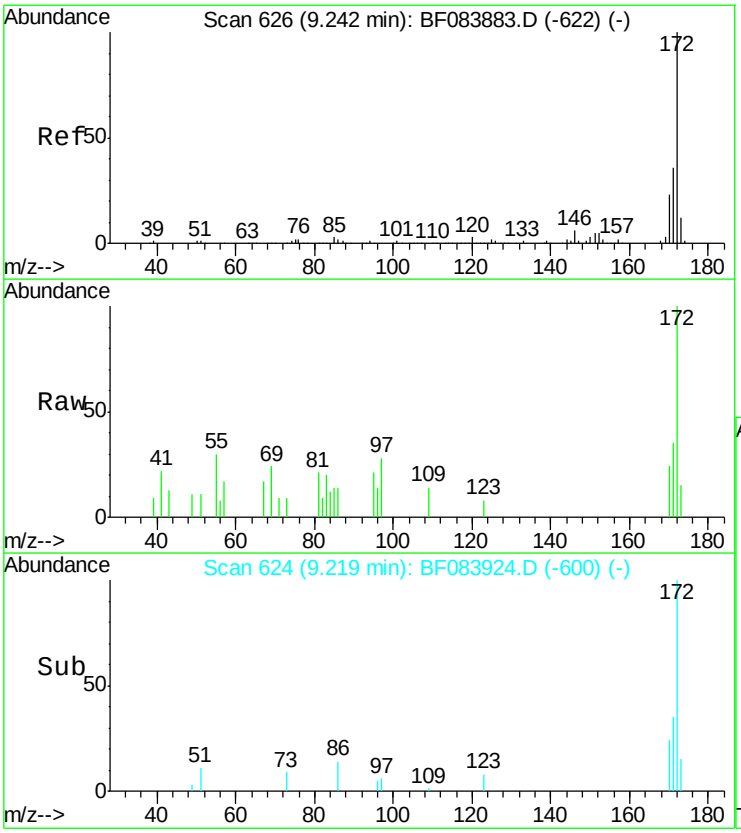
#41
2,4,6-Tribromophenol
Concen: 0.48 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF083924.D
Acq: 18 Dec 2015 20:26

Instrument :
BNA_F
ClientSampleId :
LAR-9876

Tgt Ion:330 Resp: 649

Ion	Ratio	Lower	Upper
330	100		
332	104.8	76.6	114.8
141	34.1	27.8	41.6

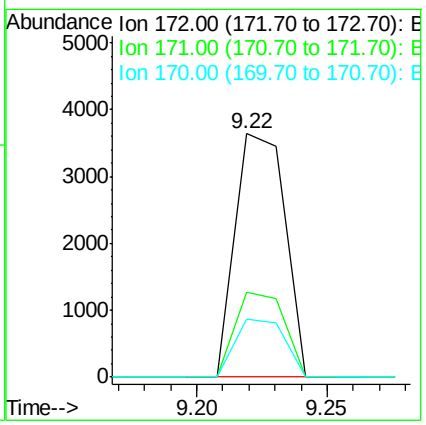


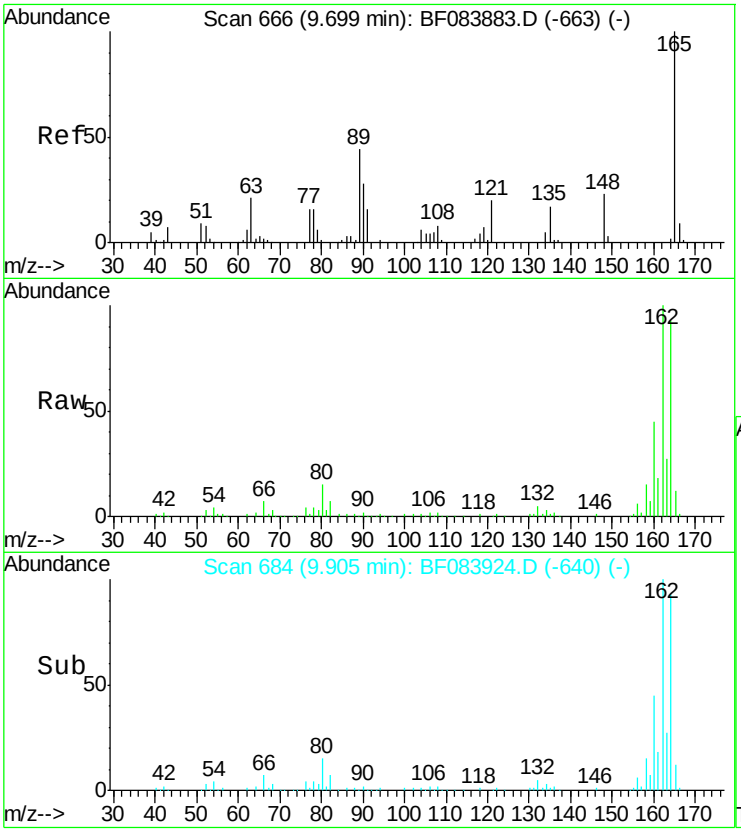


#44
2-Fluorobiphenyl
Concen: -1.00 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.02 min
Lab File: BF083924.D
Acq: 18 Dec 2015 20:26

Tgt Ion:172 Resp: 4872

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.9	43.3
170	23.6	18.6	27.8



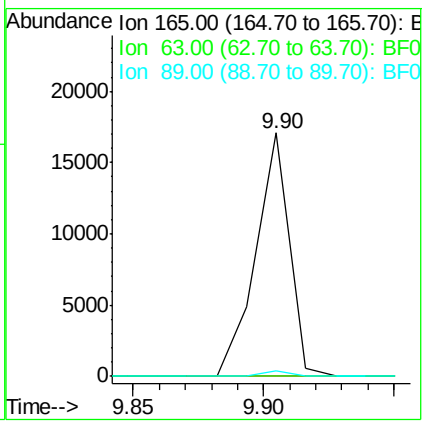


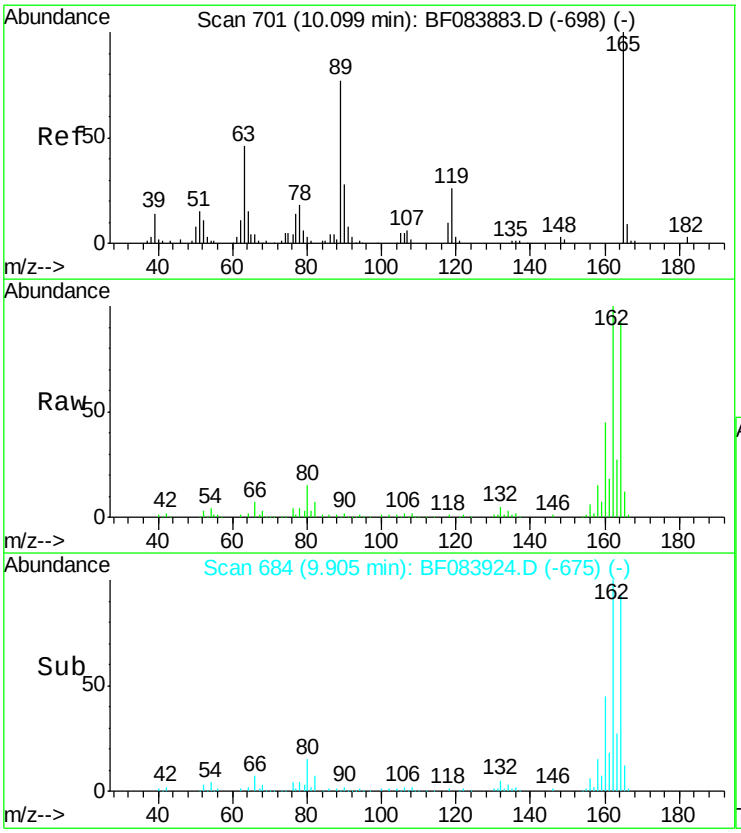
#50
2,6-Dinitrotoluene
Concen: 6.95 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.21 min
Lab File: BF083924.D
Acq: 18 Dec 2015 20:26

Instrument :
BNA_F
ClientSampleId :
LAR-9876

Tgt Ion:165 Resp: 15468

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.8	43.2#
89	2.1	35.1	52.7#

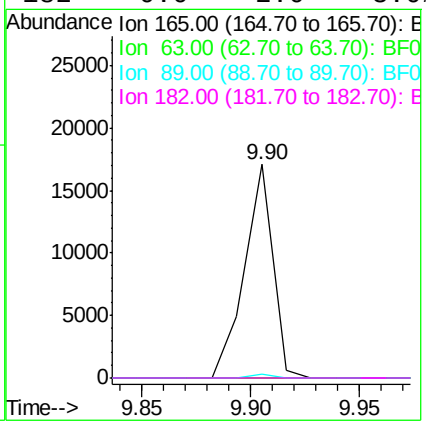


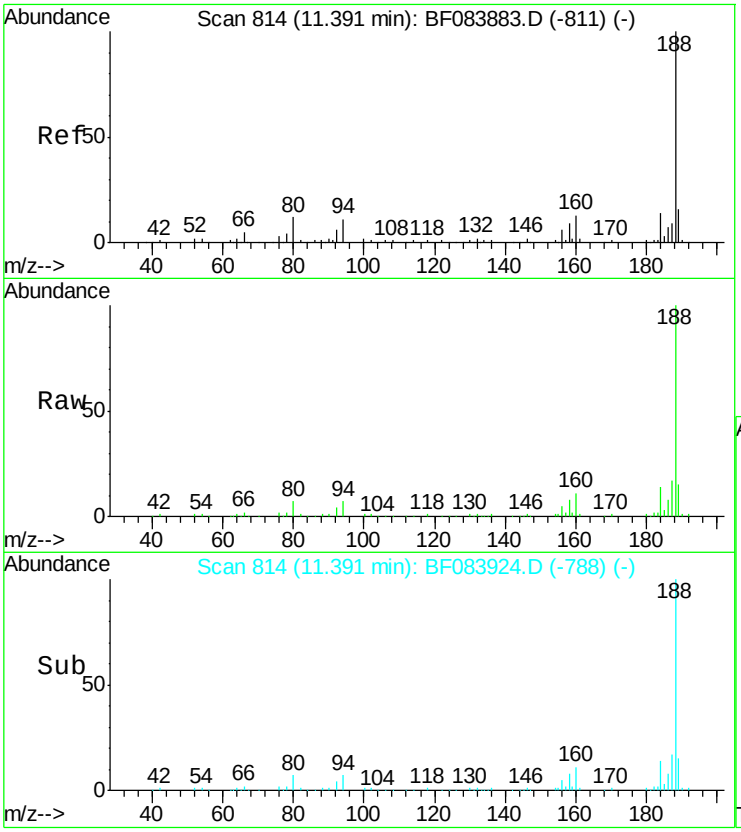


#56
2,4-Dinitrotoluene
Concen: 5.43 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.19 min
Lab File: BF083924.D
Acq: 18 Dec 2015 20:26

Tgt Ion:165 Resp: 15468

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.7	55.1#
89	2.1	61.9	92.9#
182	0.0	2.0	3.0#



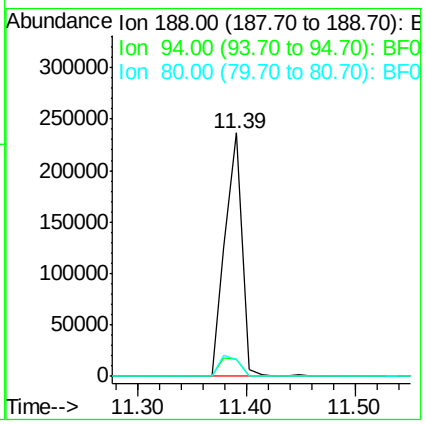


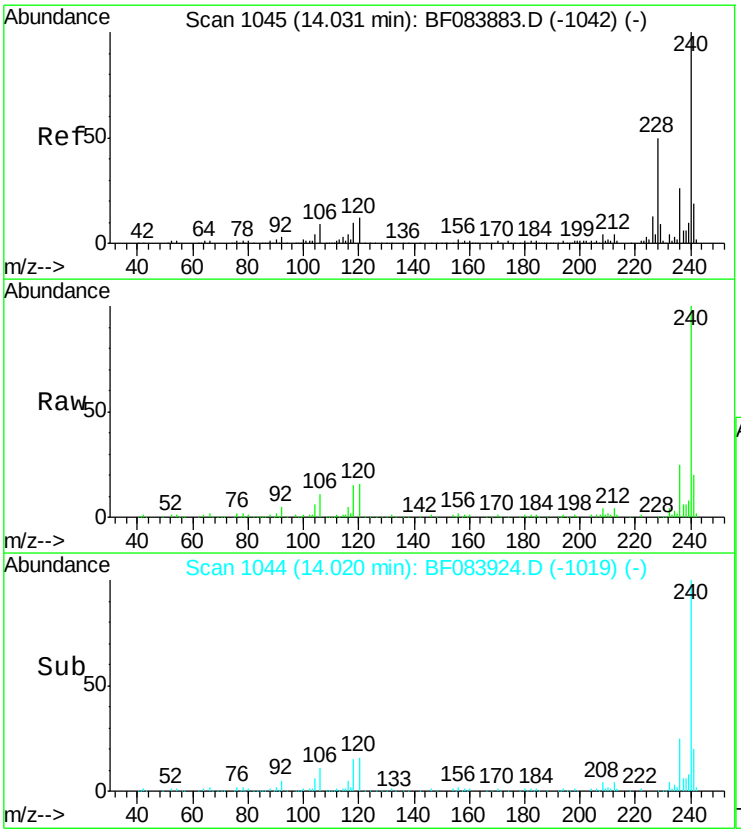
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF083924.D
Acq: 18 Dec 2015 20:26

Instrument :
BNA_F
ClientSampleId :
LAR-9876

Tgt Ion:188 Resp: 255928

Ion	Ratio	Lower	Upper
188	100		
94	6.9	9.0	13.4#
80	7.0	9.6	14.4#

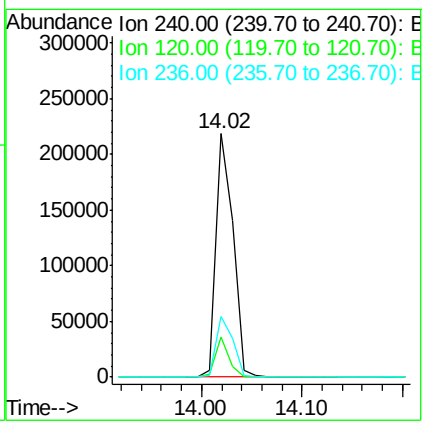


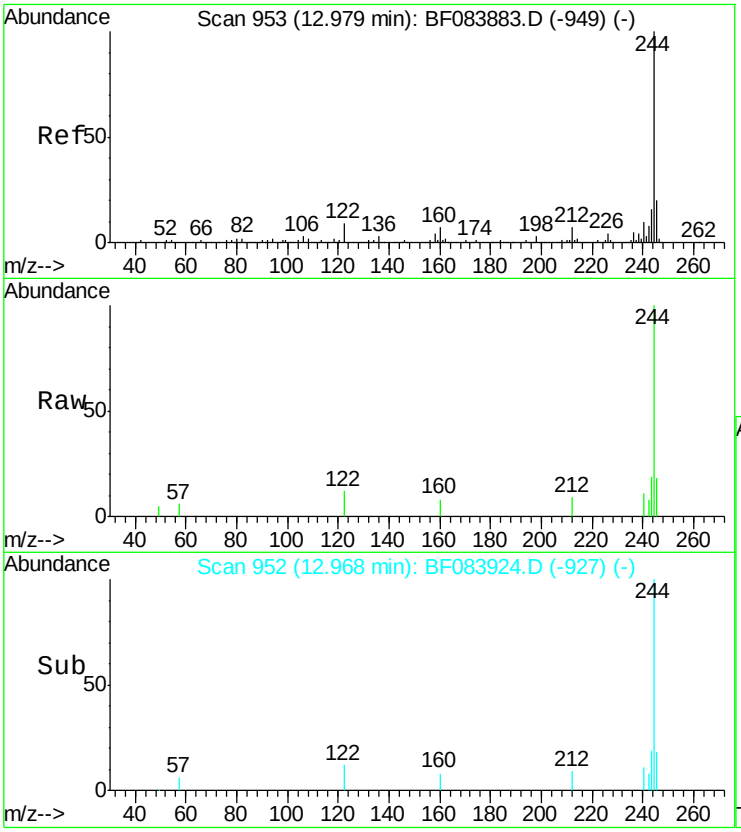


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF083924.D
Acq: 18 Dec 2015 20:26

Tgt Ion:240 Resp: 258305

Ion	Ratio	Lower	Upper
240	100		
120	16.2	9.5	14.3#
236	25.1	20.6	31.0



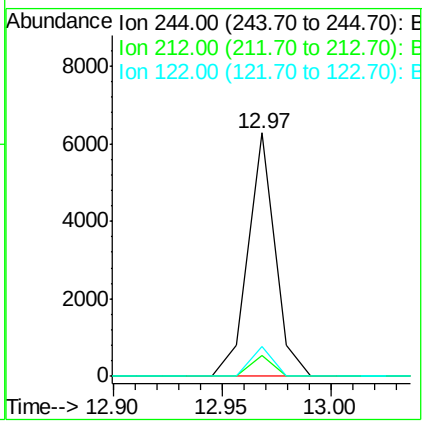


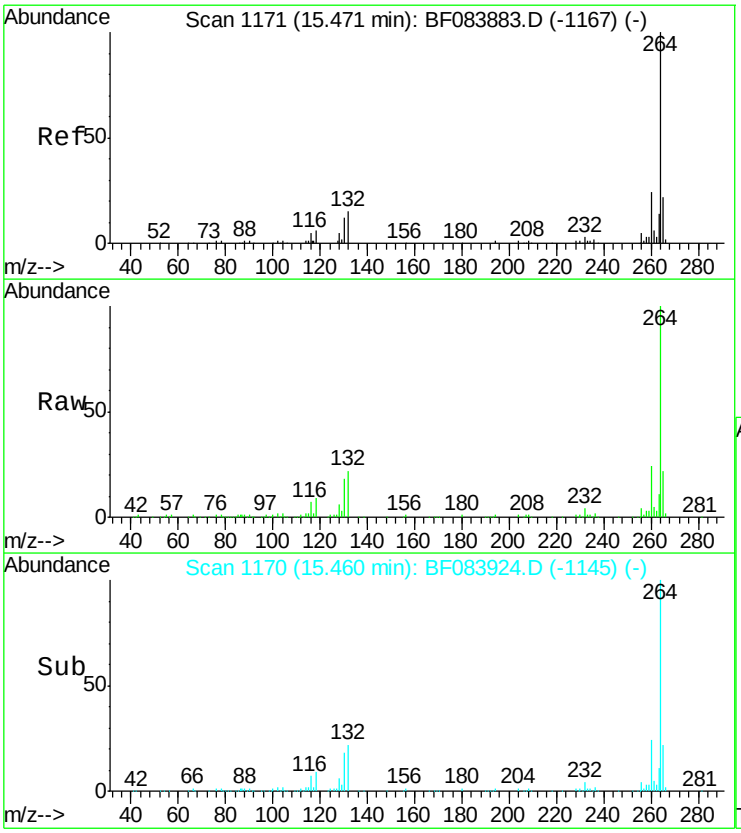
#78
Terphenyl-d14
Concen: -6.24 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF083924.D
Acq: 18 Dec 2015 20:26

Instrument :
BNA_F
ClientSampleId :
LAR-9876

Tgt Ion:244 Resp: 5394

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.7	8.5#
122	12.5	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: BF083924.D
Acq: 18 Dec 2015 20:26

Tgt Ion:264 Resp: 206542

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	22.0	17.8	26.6