Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083925.D
Acq On : 18 Dec 2015 20:54
Operator : UM/SJ
Sample : G4821-01 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9877

Quant Time: Dec 19 04:18:25 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	52967	20.00	ng		-0.01
21) Naphthalene-d8	8.16	136	161641	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	134900	20.00	ng		-0.01
63) Phenanthrene-d10	11.39	188	256664	20.00	ng		0.00
75) Chrysene-d12	14.02	240	257264	20.00	ng		-0.01
86) Perylene-d12	15.46	264	207869	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1934	0.57	ng		0.00
7) Phenol-d6	6.51	99	5106	1.23	ng		0.00
23) Nitrobenzene-d5	7.44	82	31552	11.14	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	606	0.41	ng		-0.01
44) 2-Fluorobiphenyl	9.22	172	4952	-1.00	ng		-0.02
78) Terphenyl-d14	12.97	244	6443	-6.14	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.40	77	75875	30.40	ng	#	1
18) Hexachloroethane	7.40	117	4486	2.76	ng	#	1
19) n-Nitroso-di-n-propylamine	7.26	70	12893	5.34	ng	#	22
22) Acetophenone	7.26	105	27033	6.95	ng	#	1
25) Isophorone	7.69	82	66525	12.48	ng	#	1
26) 2-Nitrophenol	7.79	139	7462	4.92	ng	#	1
27) 2,4-Dimethylphenol	7.81	122	7762	2.97	ng	#	1
31) Naphthalene	8.18	128	11021	Below Cal		#	76
32) Benzoic acid	7.95	122	4519	7.85	ng	#	1
35) Caprolactam	8.58	113	8668	11.07	ng	#	1
36) 4-Chloro-3-methylphenol	8.70	107	1733	Below Cal		#	20
45) 1,1'-Biphenyl	9.32	154	1599	Below Cal			92
50) 2,6-Dinitrotoluene	9.90	165	16452	6.66	ng	#	37
56) 2,4-Dinitrotoluene	9.90	165	16452	5.20	ng	#	21

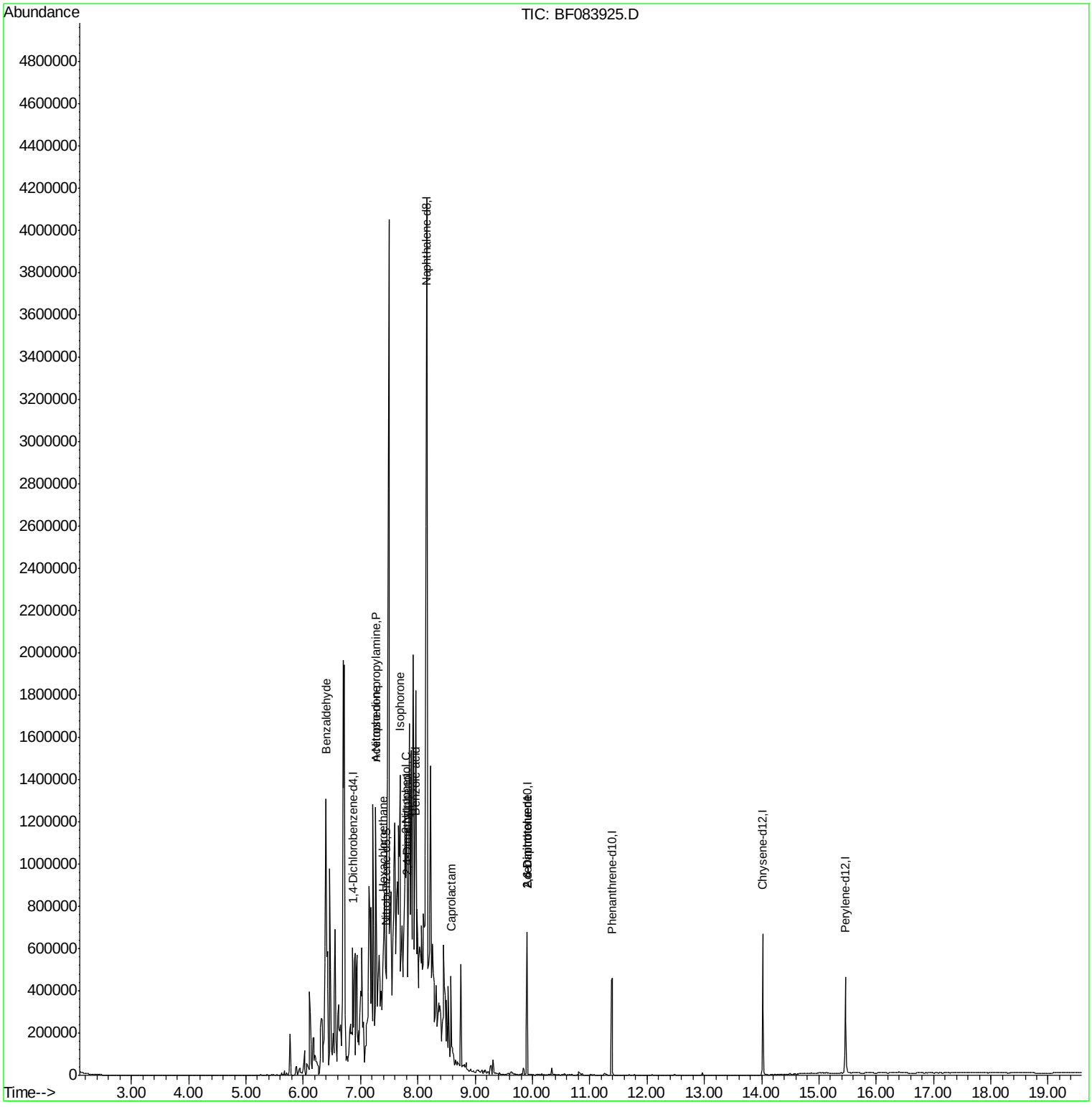
(#) = qualifier out of range (m) = manual integration (+) = signals summed

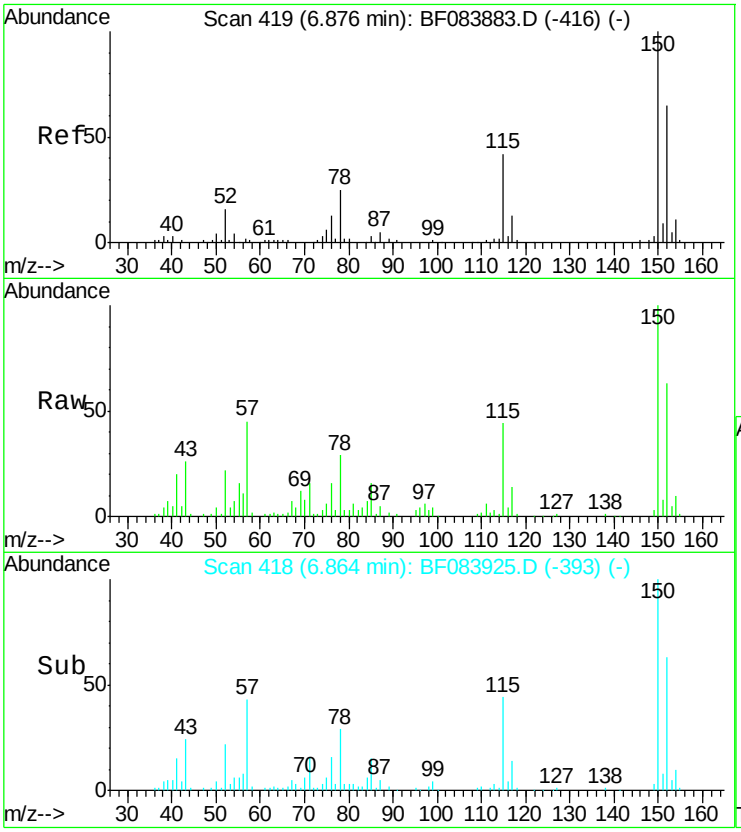
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083925.D
Acq On : 18 Dec 2015 20:54
Operator : UM/SJ
Sample : G4821-01 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAR-9877

Quant Time: Dec 19 04:18:25 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



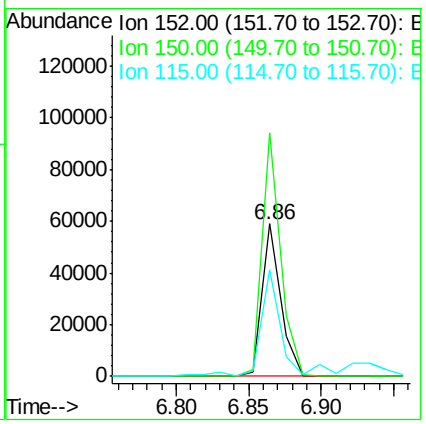


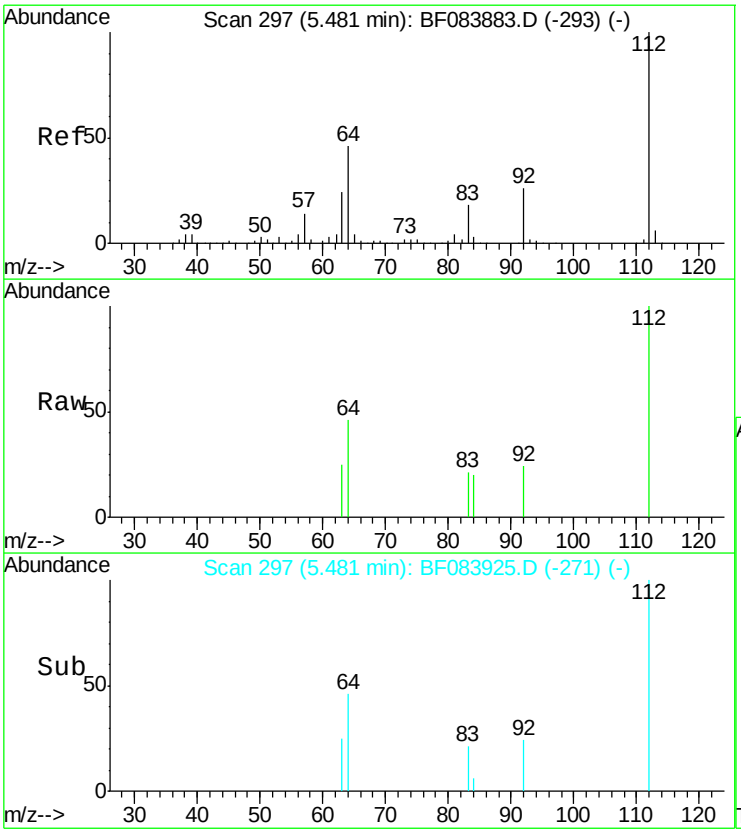
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF083925.D
Acq: 18 Dec 2015 20:54

Instrument :
BNA_F
ClientSampleId :
LAR-9877

Tgt Ion:152 Resp: 52967

Ion	Ratio	Lower	Upper
152	100		
150	159.8	123.0	184.4
115	70.1	51.4	77.2

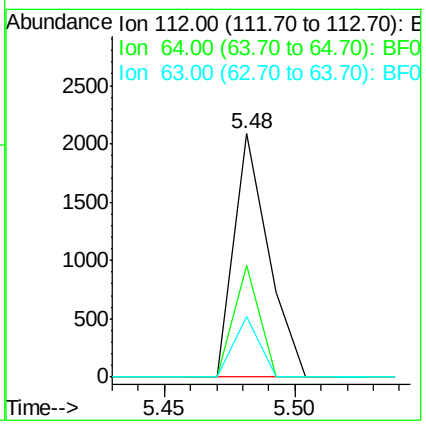


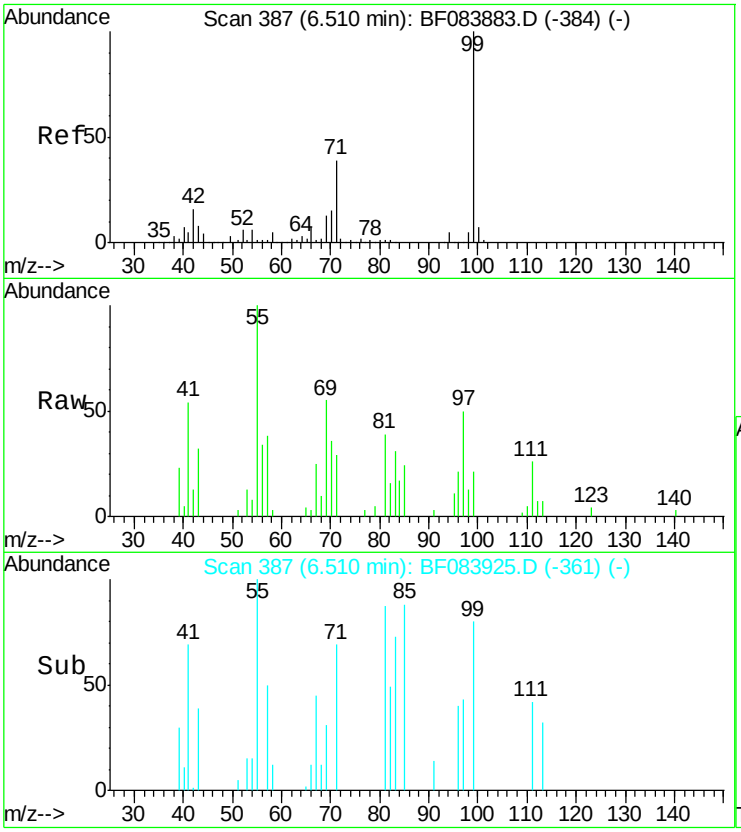


#5
2-Fluorophenol
Concen: 0.57 ng
RT: 5.48 min Scan# 297
Delta R.T. -0.00 min
Lab File: BF083925.D
Acq: 18 Dec 2015 20:54

Tgt Ion:112 Resp: 1934

Ion	Ratio	Lower	Upper
112	100		
64	46.0	36.6	55.0
63	24.6	19.4	29.0



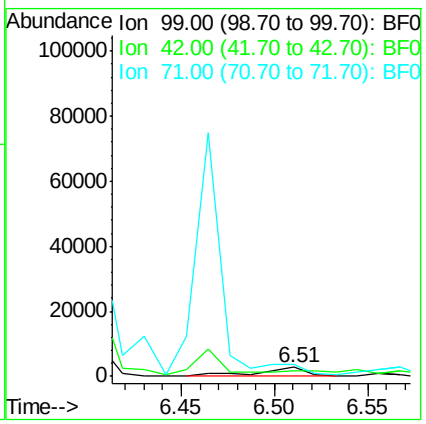


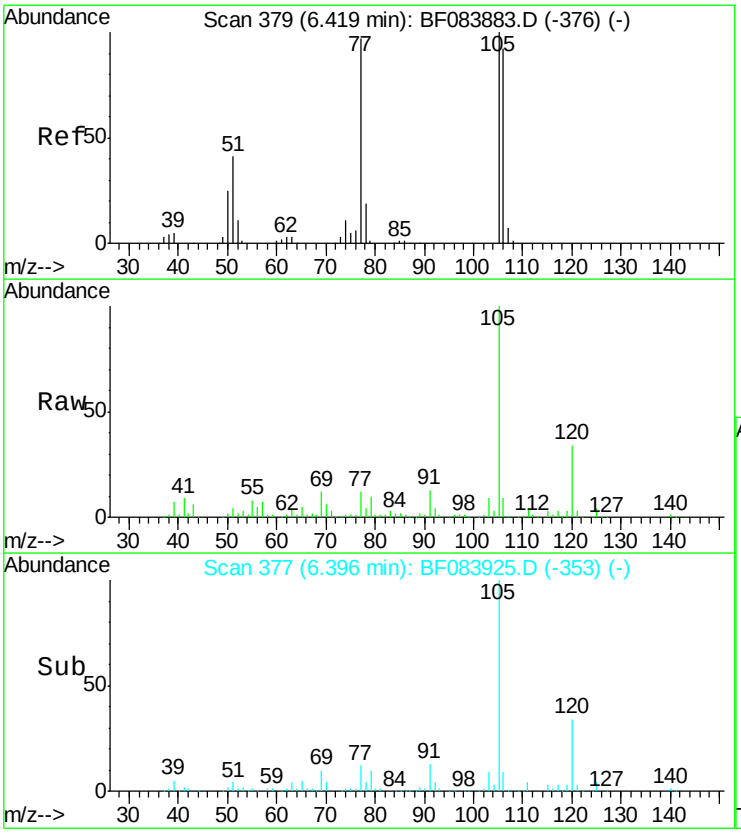
#7
Phenol-d6
Concen: 1.23 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.00 min
Lab File: BF083925.D
Acq: 18 Dec 2015 20:54

Instrument :
BNA_F
ClientSampleId :
LAR-9877

Tgt Ion: 99 Resp: 5106

Ion	Ratio	Lower	Upper
99	100		
42	61.2	12.8	19.2#
71	139.4	30.9	46.3#

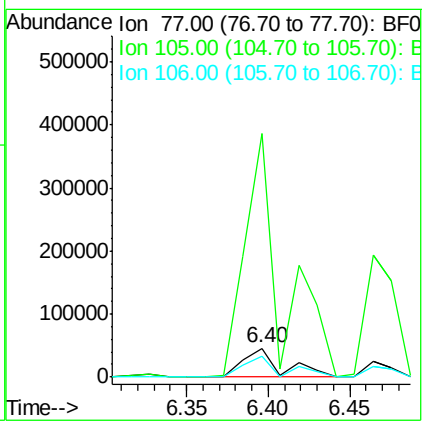


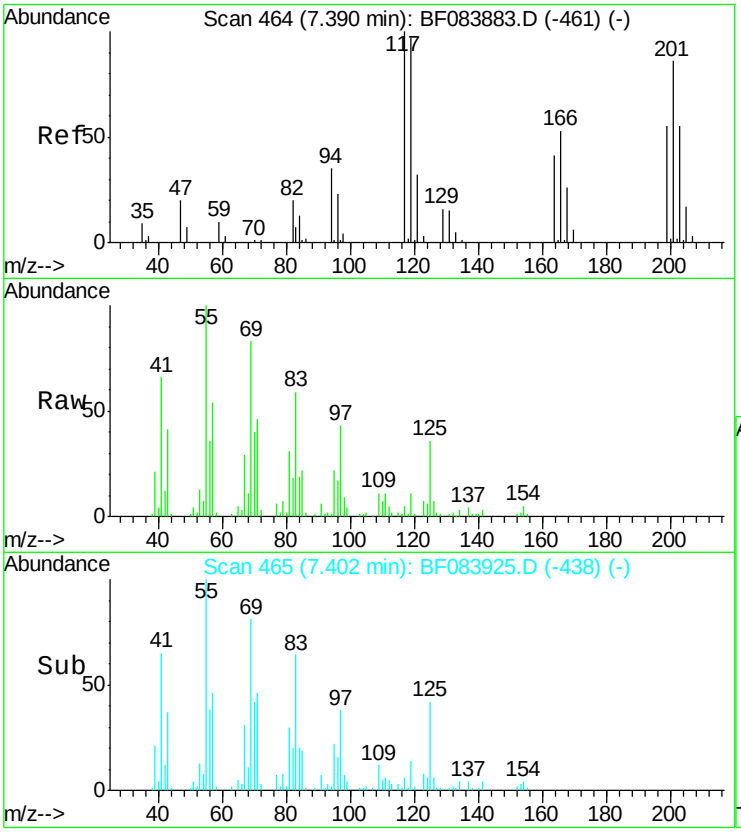


#9
Benzaldehyde
Concen: 30.40 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.02 min
Lab File: BF083925.D
Acq: 18 Dec 2015 20:54

Tgt Ion: 77 Resp: 75875

Ion	Ratio	Lower	Upper
77	100		
105	845.1	83.0	123.0#
106	73.2	74.6	114.6#



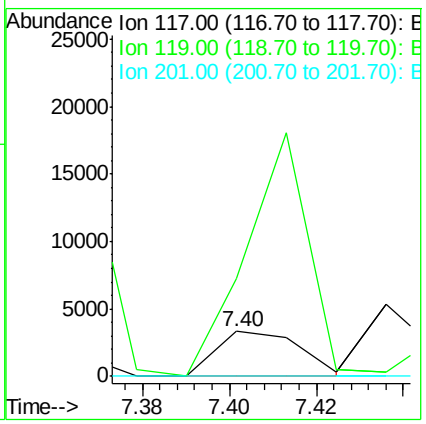


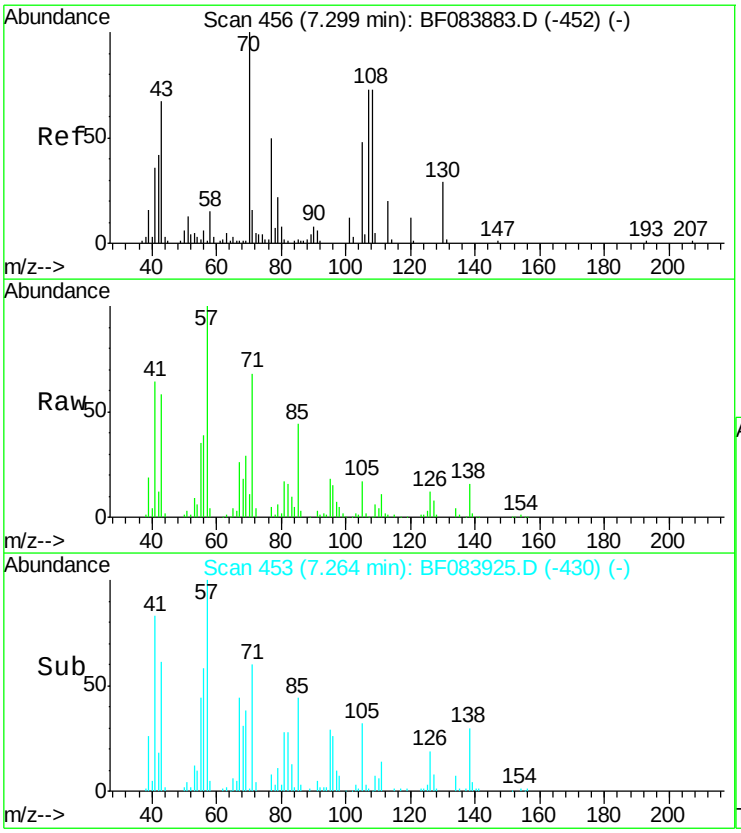
#18
Hexachloroethane
Concen: 2.76 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.01 min
Lab File: BF083925.D
Acq: 18 Dec 2015 20:54

Instrument :
BNA_F
ClientSampleId :
LAR-9877

Tgt Ion:117 Resp: 4486

Ion	Ratio	Lower	Upper
117	100		
119	217.7	77.4	116.0#
201	0.0	68.6	103.0#

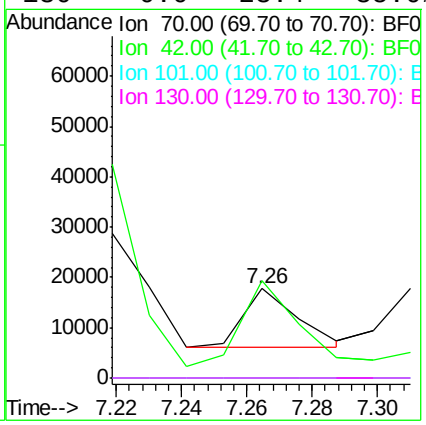


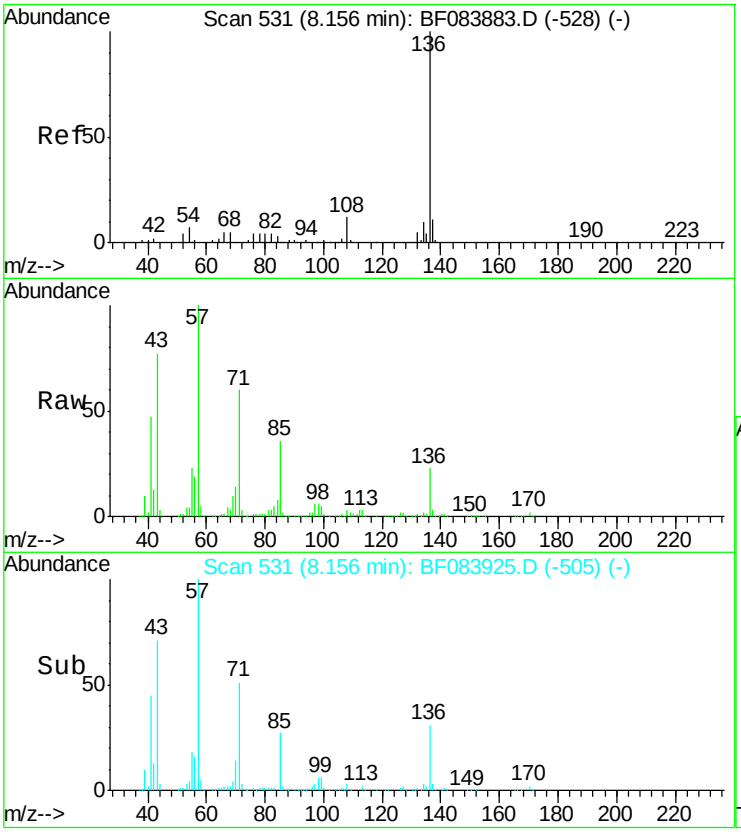


#19
n-Nitroso-di-n-propylamine
Concen: 5.34 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.03 min
Lab File: BF083925.D
Acq: 18 Dec 2015 20:54

Tgt Ion: 70 Resp: 12893

Ion	Ratio	Lower	Upper
70	100		
42	109.3	33.3	49.9#
101	0.0	9.3	13.9#
130	0.0	23.4	35.0#



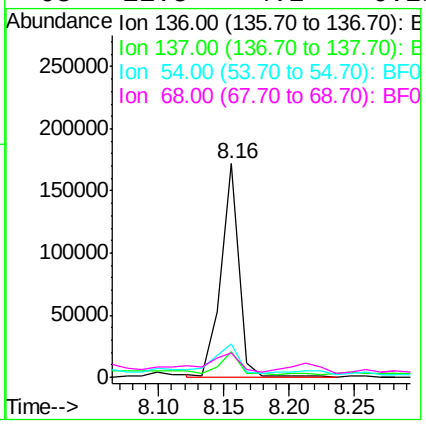


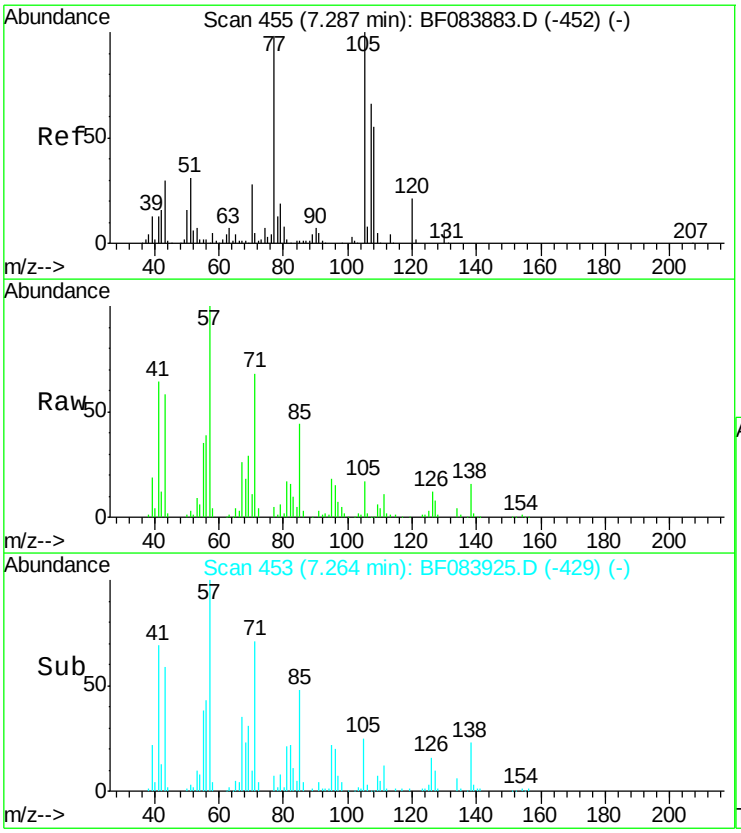
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF083925.D
Acq: 18 Dec 2015 20:54

Instrument :
BNA_F
ClientSampleId :
LAR-9877

Tgt Ion:136 Resp: 161641

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.7	13.1
54	15.7	5.8	8.8#
68	11.5	4.2	6.2#

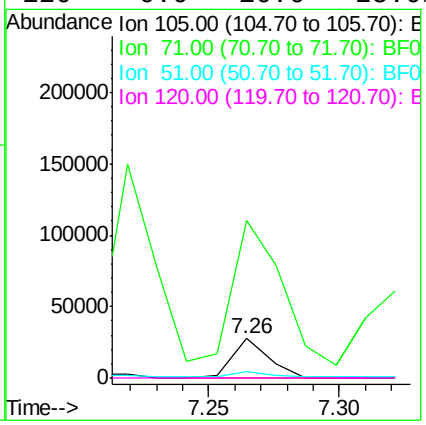


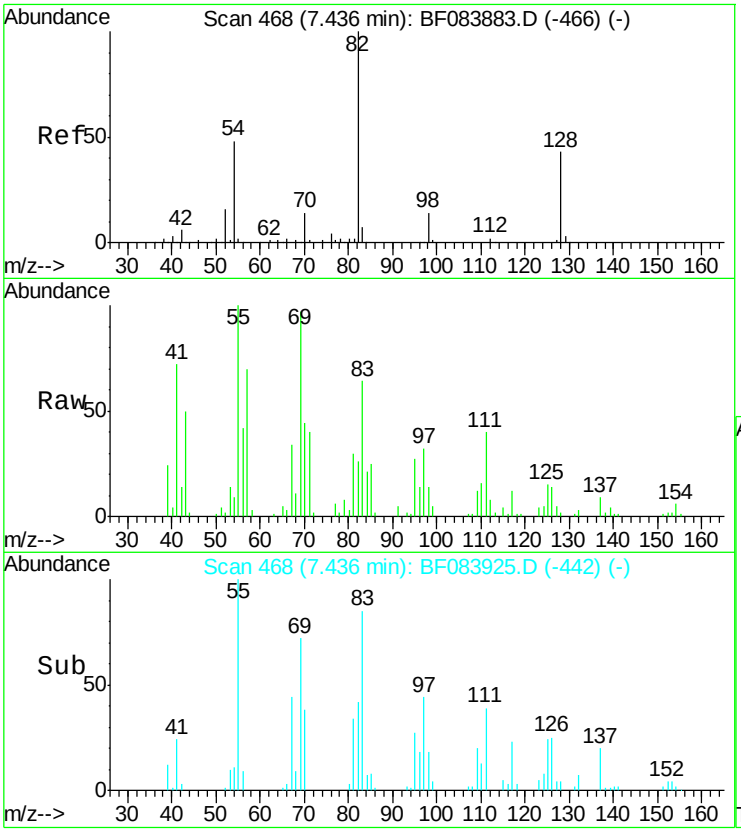


#22
Acetophenone
Concen: 6.95 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF083925.D
Acq: 18 Dec 2015 20:54

Tgt Ion:105 Resp: 27033

Ion	Ratio	Lower	Upper
105	100		
71	399.0	3.7	5.5#
51	15.5	25.1	37.7#
120	0.0	16.6	25.0#



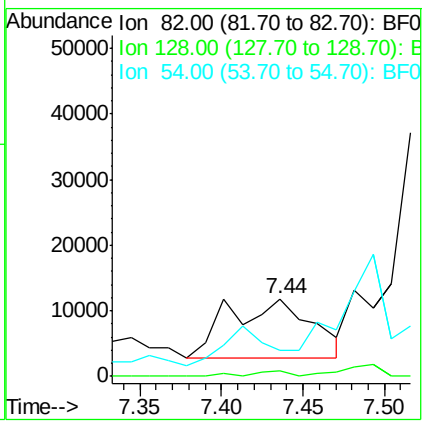


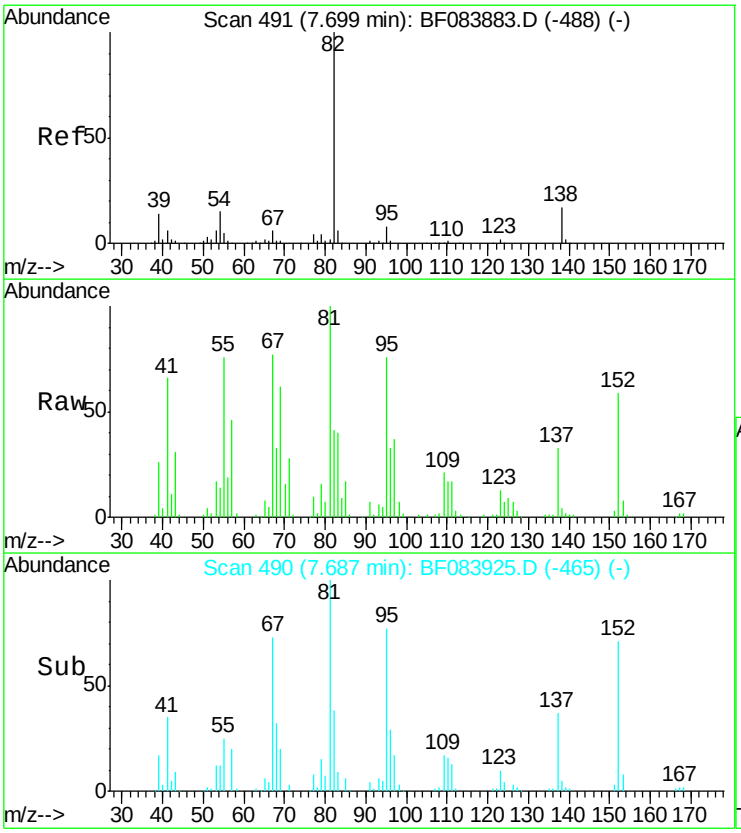
#23
Nitrobenzene-d5
Concen: 11.14 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF083925.D
Acq: 18 Dec 2015 20:54

Instrument :
BNA_F
ClientSampleId :
LAR-9877

Tgt Ion: 82 Resp: 31552

Ion	Ratio	Lower	Upper
82	100		
128	7.6	34.6	51.8#
54	34.2	38.4	57.6#

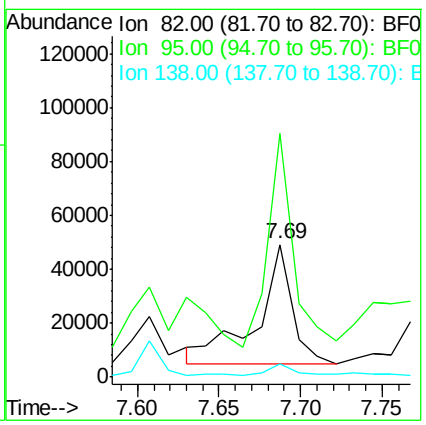


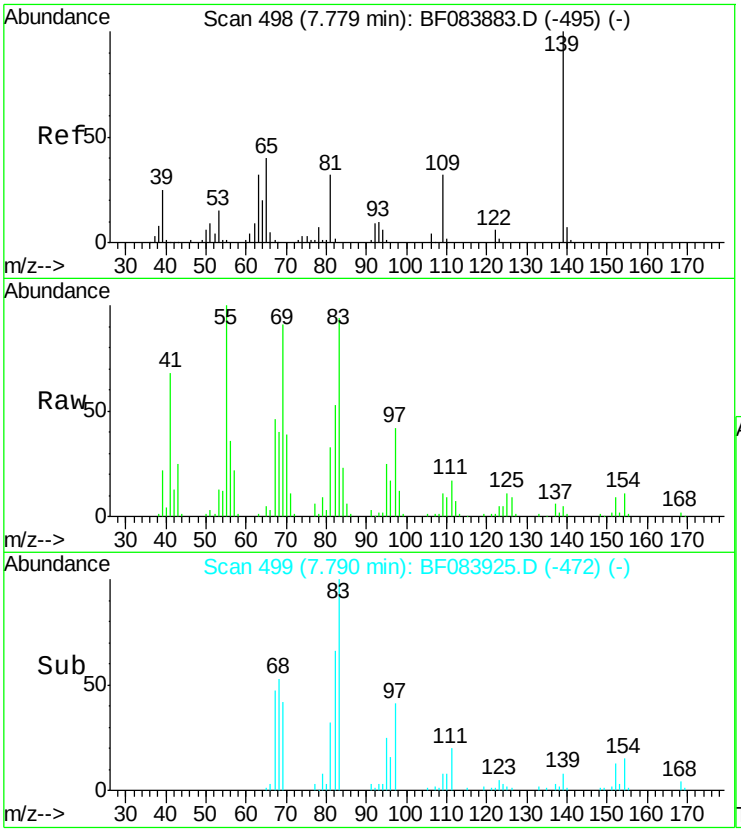


#25
Isophorone
Concen: 12.48 ng
RT: 7.69 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF083925.D
Acq: 18 Dec 2015 20:54

Tgt Ion: 82 Resp: 66525

Ion	Ratio	Lower	Upper
82	100		
95	183.3	6.6	10.0#
138	10.4	13.6	20.4#



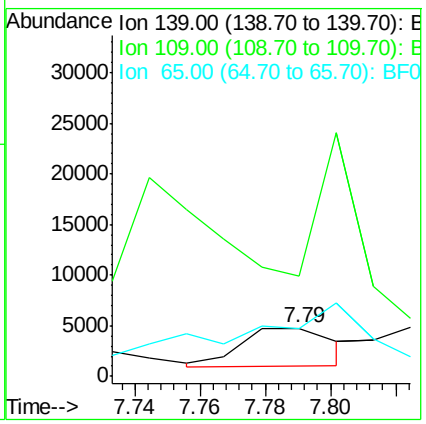


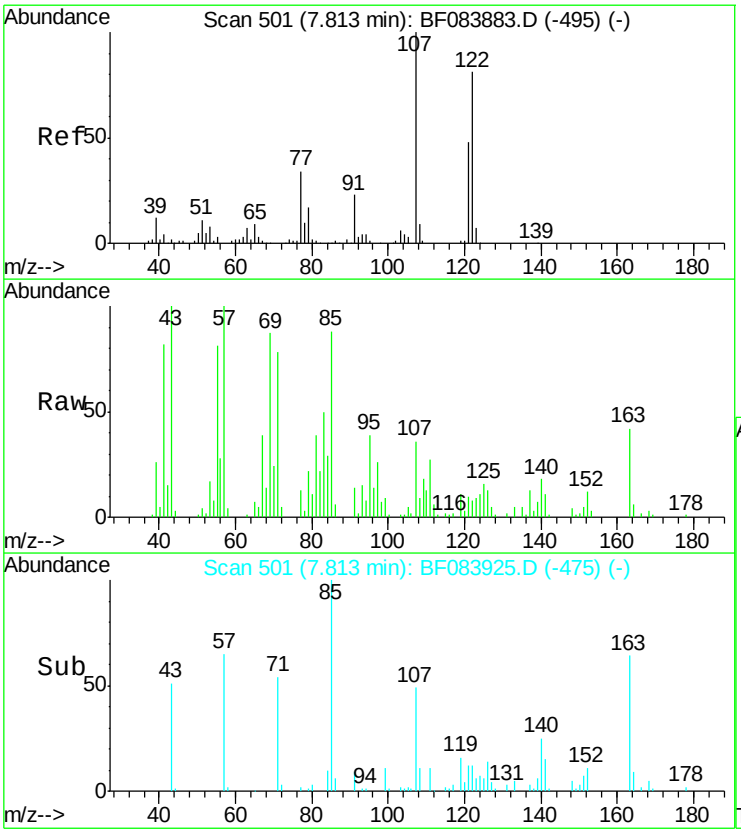
#26
2-Nitrophenol
Concen: 4.92 ng
RT: 7.79 min Scan# 499
Delta R.T. 0.01 min
Lab File: BF083925.D
Acq: 18 Dec 2015 20:54

Instrument :
BNA_F
ClientSampleId :
LAR-9877

Tgt Ion:139 Resp: 7462

Ion	Ratio	Lower	Upper
139	100		
109	207.0	25.4	38.2#
65	98.7	32.3	48.5#

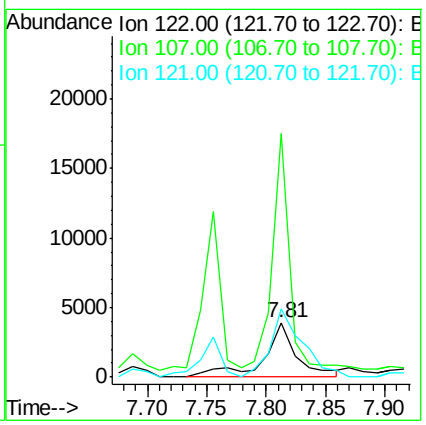


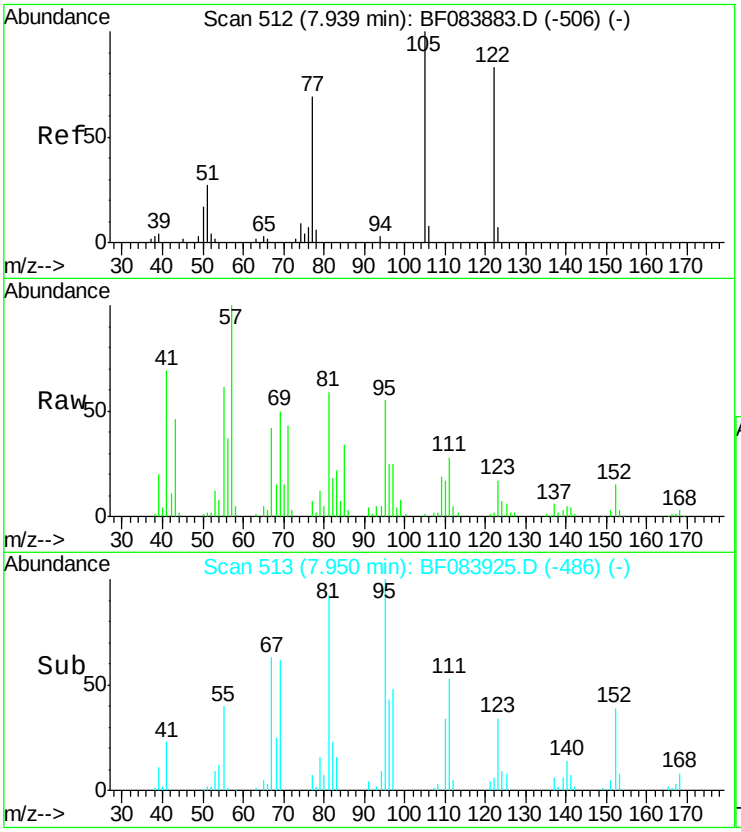


#27
2,4-Dimethylphenol
Concen: 2.97 ng
RT: 7.81 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF083925.D
Acq: 18 Dec 2015 20:54

Tgt Ion:122 Resp: 7762

Ion	Ratio	Lower	Upper
122	100		
107	447.0	99.1	148.7#
121	125.5	47.9	71.9#



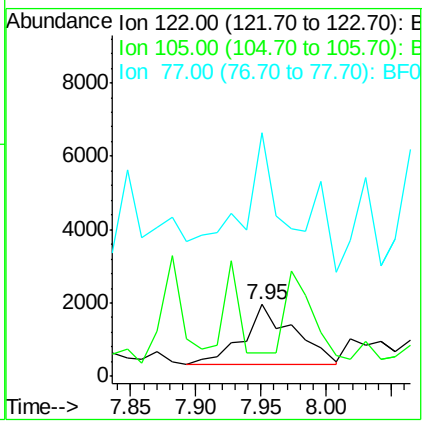


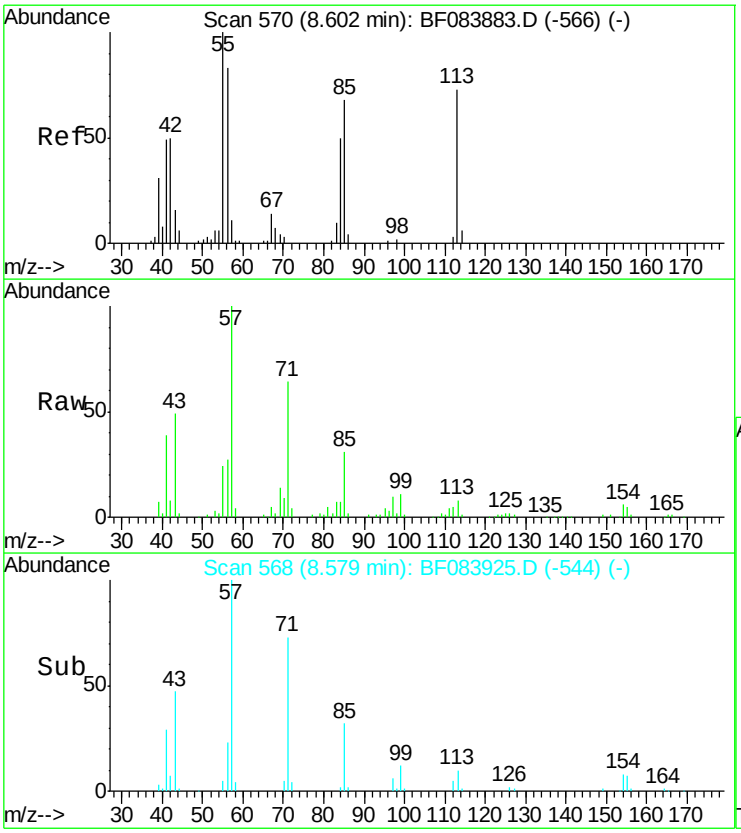
#32
Benzoic acid
Concen: 7.85 ng
RT: 7.95 min Scan# 513
Delta R.T. 0.01 min
Lab File: BF083925.D
Acq: 18 Dec 2015 20:54

Instrument :
BNA_F
ClientSampleId :
LAR-9877

Tgt Ion:122 Resp: 4519

Ion	Ratio	Lower	Upper
122	100		
105	32.0	100.3	140.3#
77	340.1	63.5	103.5#

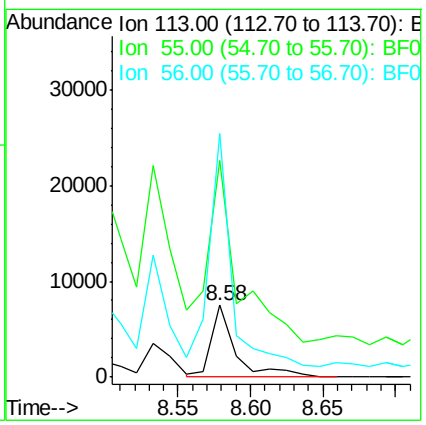


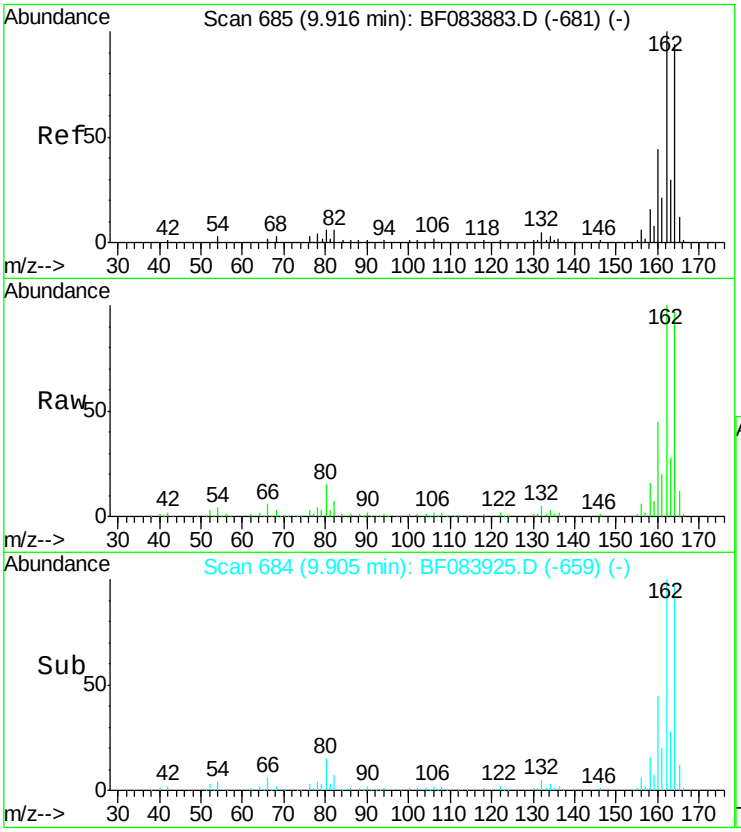


#35
Caprolactam
Concen: 11.07 ng
RT: 8.58 min Scan# 568
Delta R.T. -0.02 min
Lab File: BF083925.D
Acq: 18 Dec 2015 20:54

Tgt Ion:113 Resp: 8668

Ion	Ratio	Lower	Upper
113	100		
55	301.4	116.9	156.9#
56	339.0	93.8	133.8#



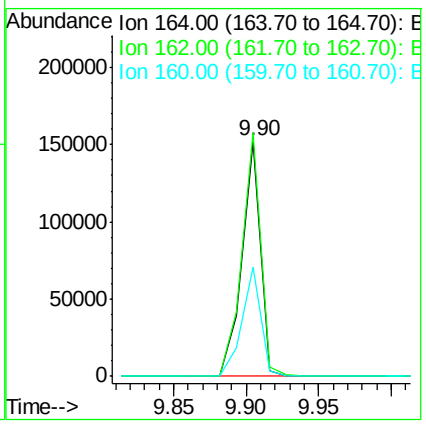


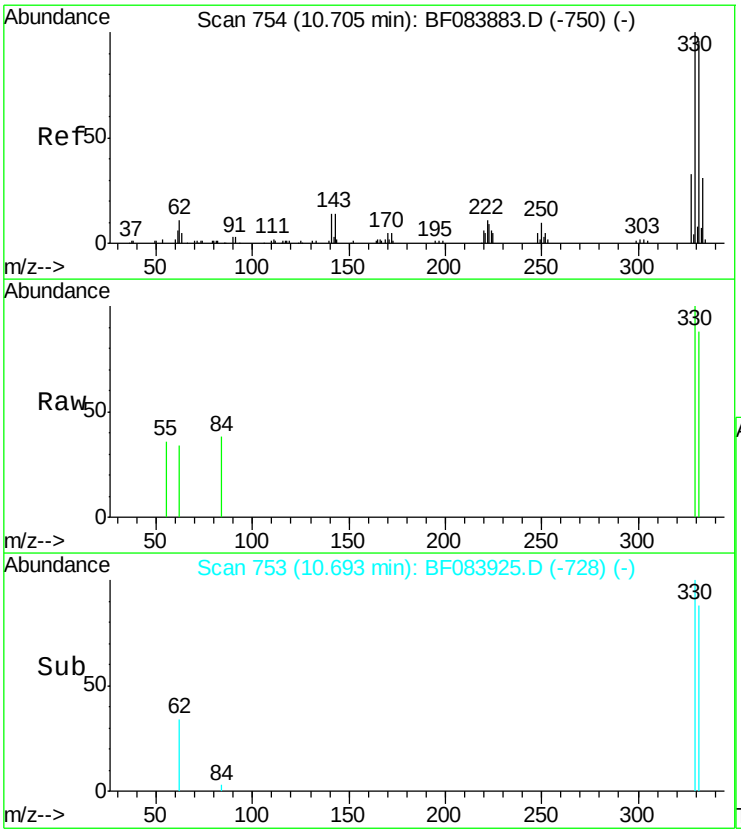
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF083925.D
Acq: 18 Dec 2015 20:54

Instrument :
BNA_F
ClientSampleId :
LAR-9877

Tgt Ion:164 Resp: 134900

Ion	Ratio	Lower	Upper
164	100		
162	103.6	85.1	127.7
160	46.3	37.5	56.3

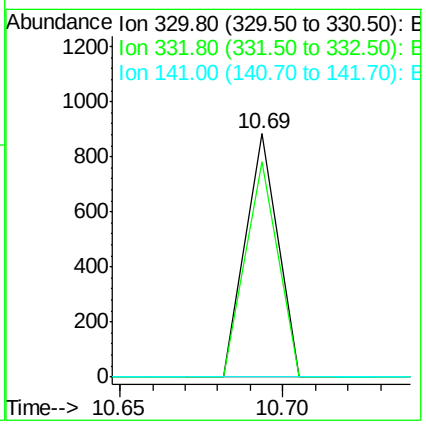


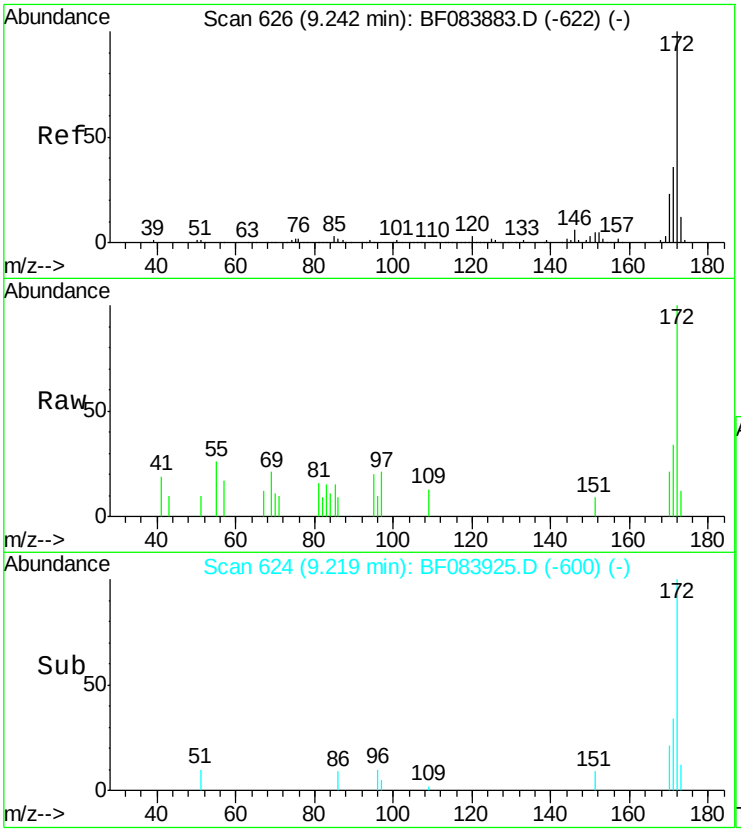


#41
2,4,6-Tribromophenol
Concen: 0.41 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF083925.D
Acq: 18 Dec 2015 20:54

Tgt Ion:330 Resp: 606

Ion	Ratio	Lower	Upper
330	100		
332	88.4	76.6	114.8
141	0.0	27.8	41.6#



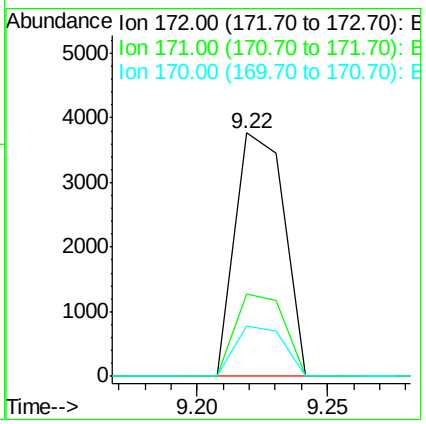


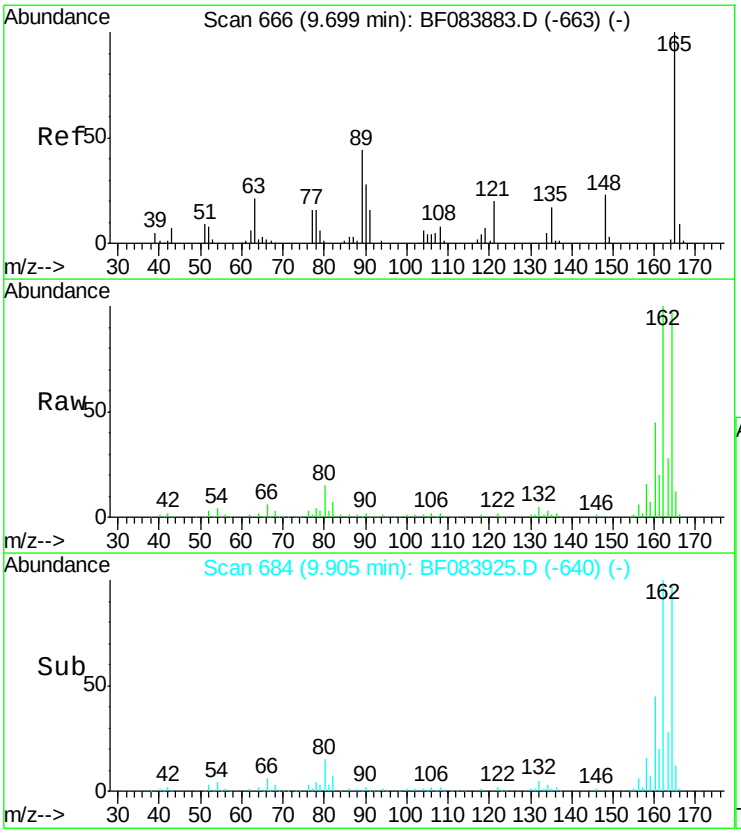
#44
2-Fluorobiphenyl
Concen: -1.00 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.02 min
Lab File: BF083925.D
Acq: 18 Dec 2015 20:54

Instrument :
BNA_F
ClientSampleId :
LAR-9877

Tgt Ion:172 Resp: 4952

Ion	Ratio	Lower	Upper
172	100		
171	33.7	28.9	43.3
170	20.7	18.6	27.8

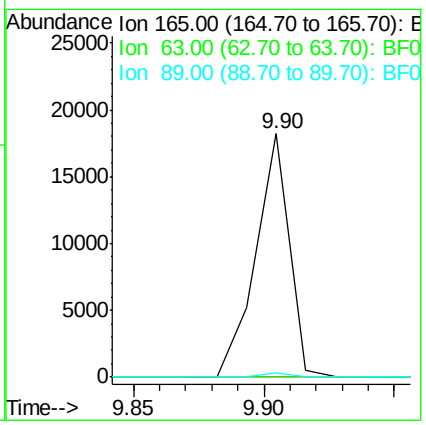


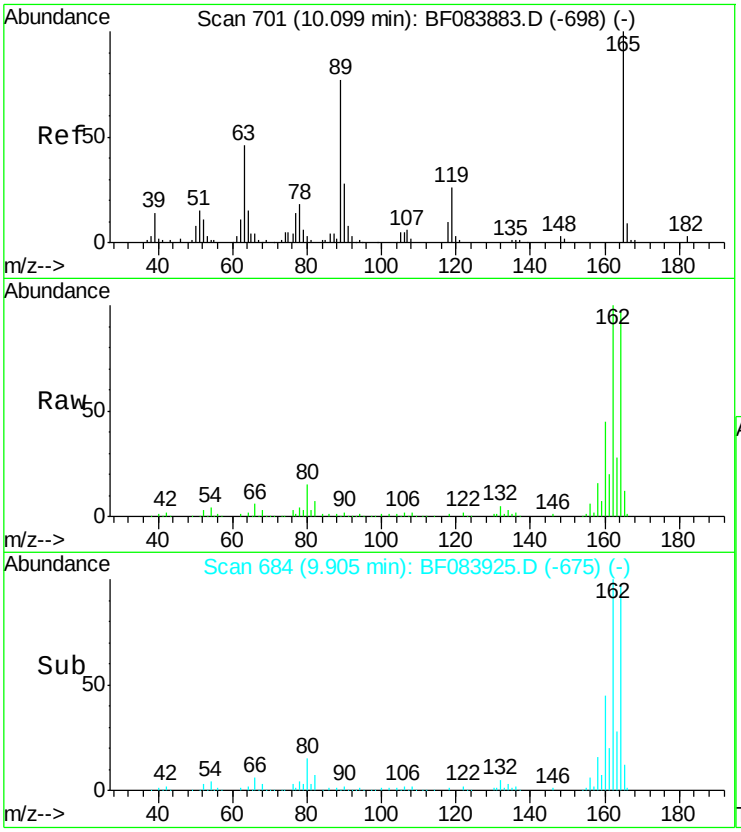


#50
2,6-Dinitrotoluene
Concen: 6.66 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.21 min
Lab File: BF083925.D
Acq: 18 Dec 2015 20:54

Tgt Ion:165 Resp: 16452

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.8	43.2#
89	1.9	35.1	52.7#



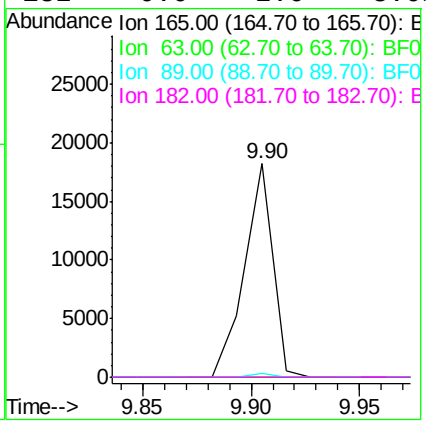


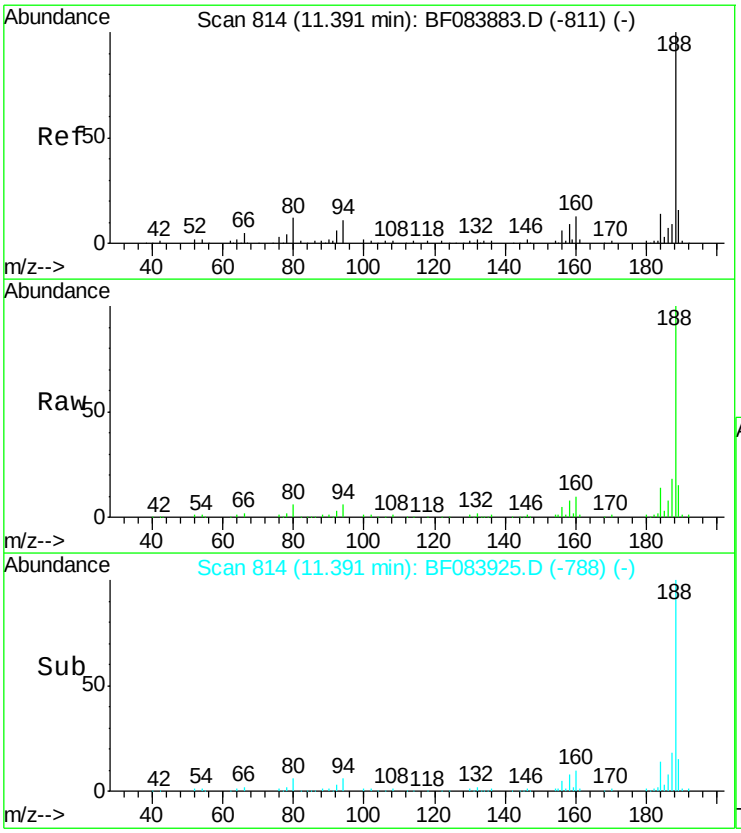
#56
2,4-Dinitrotoluene
Concen: 5.20 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.19 min
Lab File: BF083925.D
Acq: 18 Dec 2015 20:54

Instrument :
BNA_F
ClientSampleId :
LAR-9877

Tgt Ion:165 Resp: 16452

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.7	55.1#
89	1.9	61.9	92.9#
182	0.0	2.0	3.0#

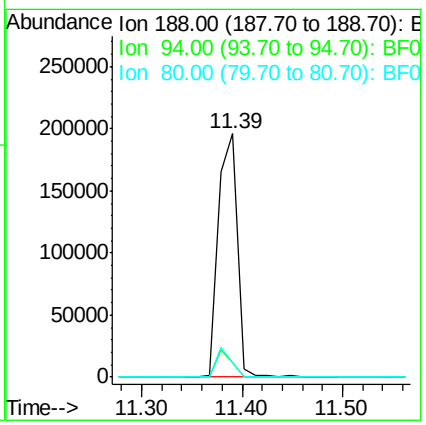


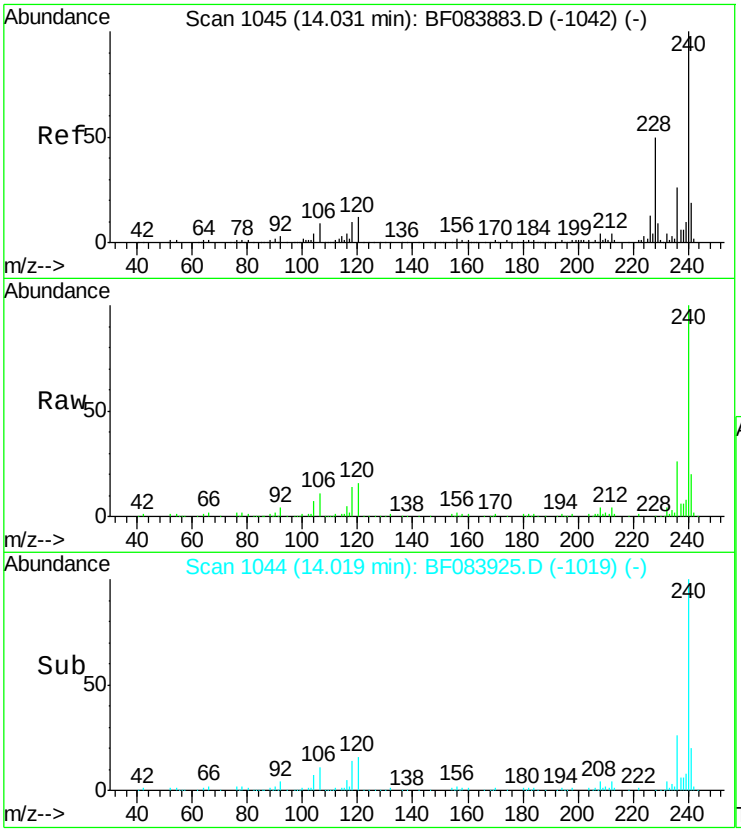


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF083925.D
Acq: 18 Dec 2015 20:54

Tgt Ion:188 Resp: 256664

Ion	Ratio	Lower	Upper
188	100		
94	6.0	9.0	13.4#
80	6.2	9.6	14.4#



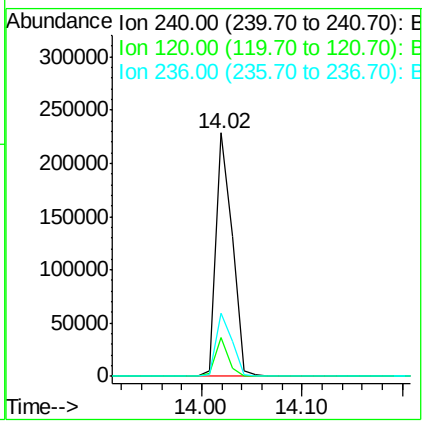


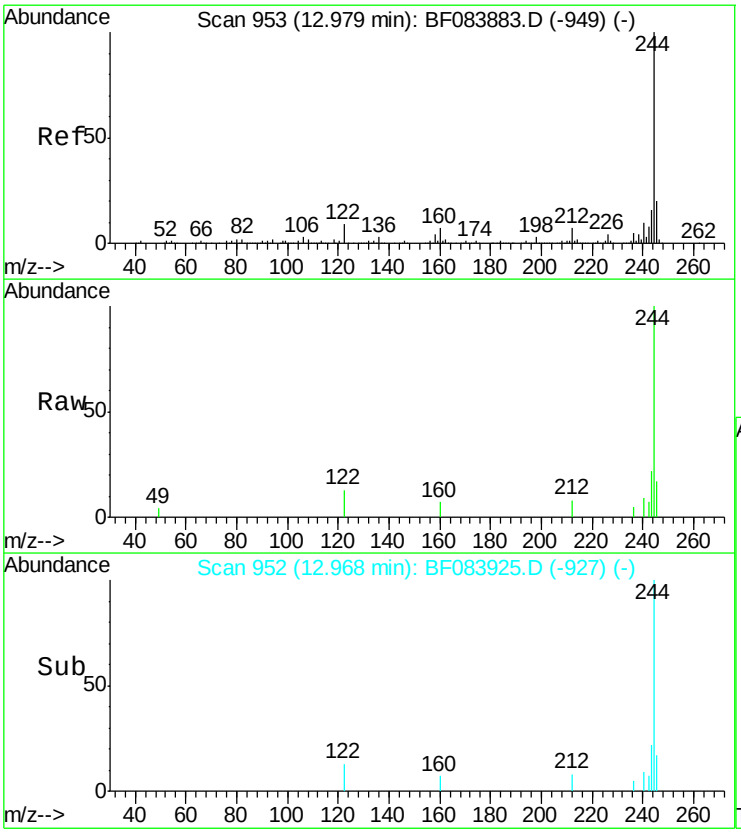
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF083925.D
Acq: 18 Dec 2015 20:54

Instrument :
BNA_F
ClientSampleId :
LAR-9877

Tgt Ion:240 Resp: 257264

Ion	Ratio	Lower	Upper
240	100		
120	15.8	9.5	14.3#
236	25.9	20.6	31.0

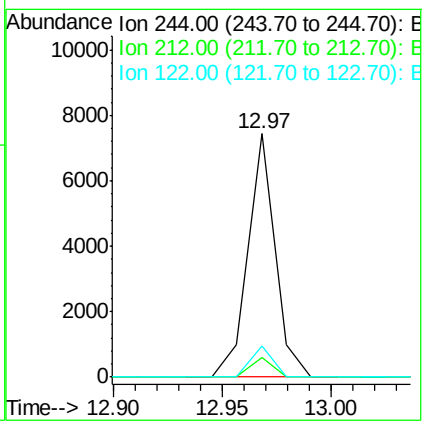


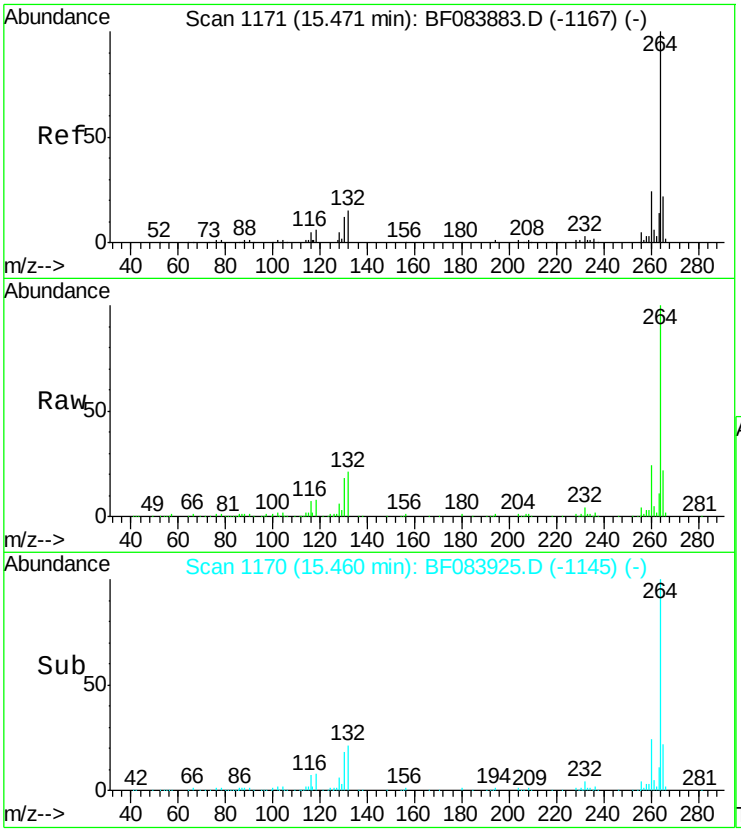


#78
Terphenyl-d14
Concen: -6.14 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF083925.D
Acq: 18 Dec 2015 20:54

Tgt Ion:244 Resp: 6443

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.7	8.5
122	12.9	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: BF083925.D
Acq: 18 Dec 2015 20:54

Instrument :
BNA_F
ClientSampleId :
LAR-9877

Tgt Ion:264 Resp: 207869

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.7	17.8	26.6