Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123115\
Data File : BF084228.D
Acq On : 1 Jan 2016 6:39
Operator : UM/SJ
Sample : G4960-05RE 50X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PJ-SB-300(16.0-16.5)

Quant Time: Jan 02 00:01:41 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 14:15:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.06	152	34623	20.00	ng		0.16
21) Naphthalene-d8	8.19	136	942552	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	401012	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	662669	20.00	ng		0.01
75) Chrysene-d12	14.07	240	527844	20.00	ng		0.00
86) Perylene-d12	15.51	264	530597	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	58493	27.33	ng		0.01
7) Phenol-d6	6.53	99	80320	29.88	ng		0.00
23) Nitrobenzene-d5	7.46	82	94767	5.60	ng		-0.01
41) 2,4,6-Tribromophenol	10.74	330	10808	2.67	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	77933	-3.14	ng		0.00
78) Terphenyl-d14	13.01	244	55264	2.34	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.58	77	6239	3.56	ng	#	52
15) Benzyl Alcohol	7.23	79	12760	5.64	ng	#	7
18) Hexachloroethane	7.55	117	9807	9.76	ng	#	8
19) n-Nitroso-di-n-propylamine	7.44	70	131404	72.21	ng	#	77
24) Nitrobenzene	7.44	77	53283	3.10	ng	#	58
25) Isophorone	7.71	82	91096	2.81	ng	#	1
32) Benzoic acid	7.98	122	10731	7.17	ng	#	1
35) Caprolactam	8.62	113	146739	33.02	ng	#	1
37) 2-Methylnaphthalene	8.91	142	616489	20.08	ng		97
50) 2,6-Dinitrotoluene	9.72	165	17789	2.83	ng	#	1
51) Acenaphthene	9.98	154	118029	4.76	ng	#	77
52) 3-Nitroaniline	9.90	138	21734	2.79	ng	#	27
53) 2,4-Dinitrophenol	10.01	184	2688	4.52	ng	#	1
55) 4-Nitrophenol	10.05	139	75788	13.40	ng	#	75
57) Fluorene	10.50	166	212708	6.52	ng	#	94
60) 4-Chlorophenyl-phenylether	10.51	204	2838	Below Cal		#	1
64) 4,6-Dinitro-2-methylphenol	10.57	198	2258	6.83	ng	#	1
65) n-Nitrosodiphenylamine	10.56	169	339215	16.01	ng		91
70) Phenanthrene	11.46	178	597858	17.25	ng	#	95
71) Anthracene	11.46	178	597858	17.59	ng		96
73) Di-n-butylphthalate	11.96	149	10450	Below Cal		#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123115\
Data File : BF084228.D
Acq On : 1 Jan 2016 6:39
Operator : UM/SJ
Sample : G4960-05RE 50X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PJ-SB-300(16.0-16.5)

Quant Time: Jan 02 00:01:41 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 14:15:57 2015
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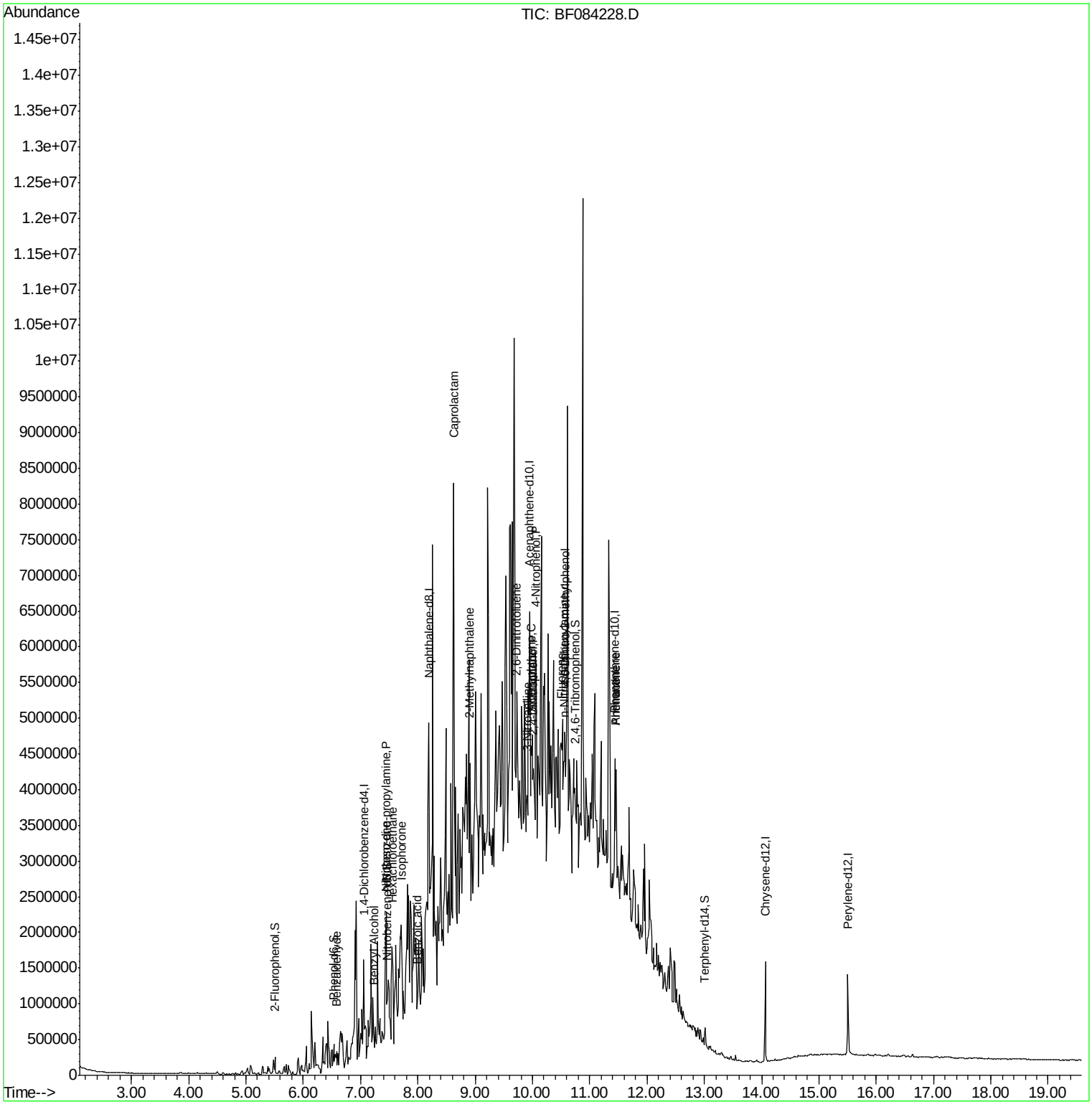
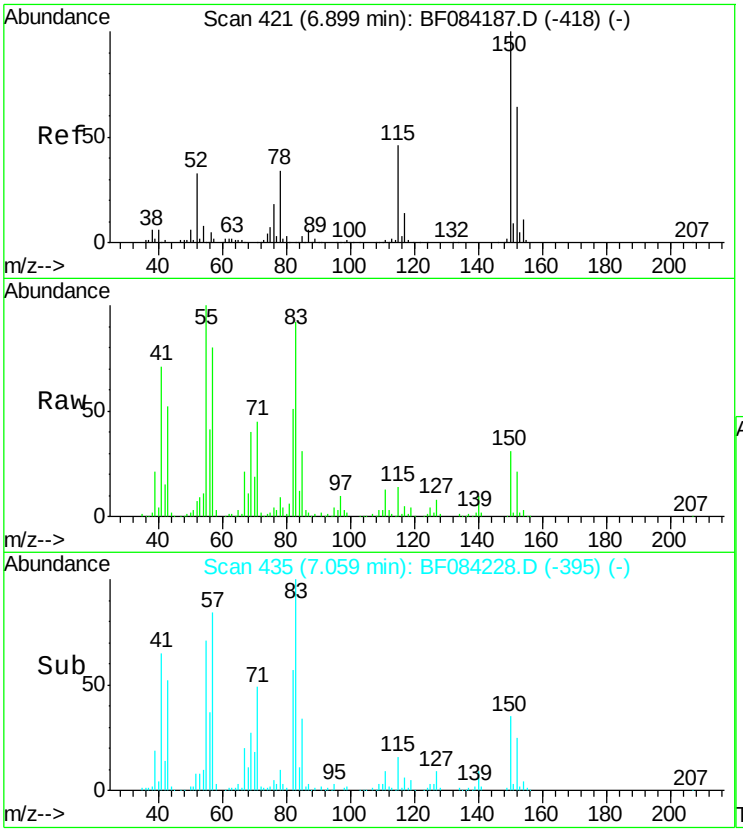


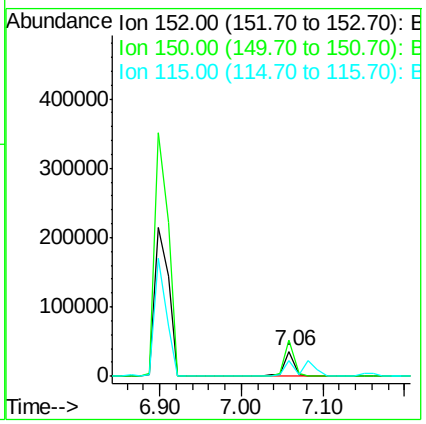


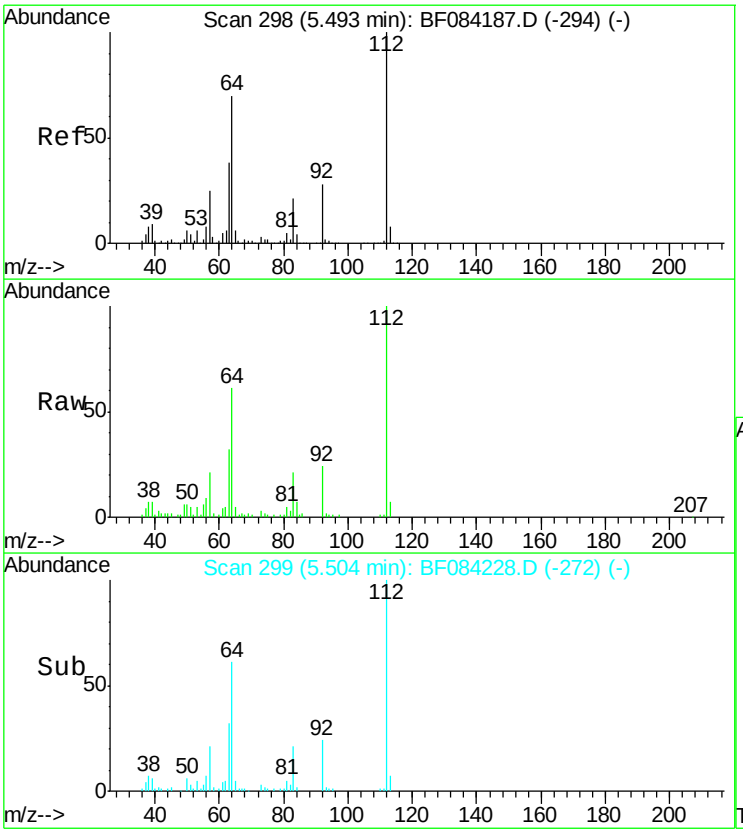
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.16 min
Lab File: BF084228.D
Acq: 1 Jan 2016 6:39

Instrument :
BNA_F
ClientSampleId :
PJ-SB-300(16.0-16.5)

Tgt Ion:152 Resp: 34623

Ion	Ratio	Lower	Upper
152	100		
150	144.1	123.0	184.4
115	64.2	51.4	77.2

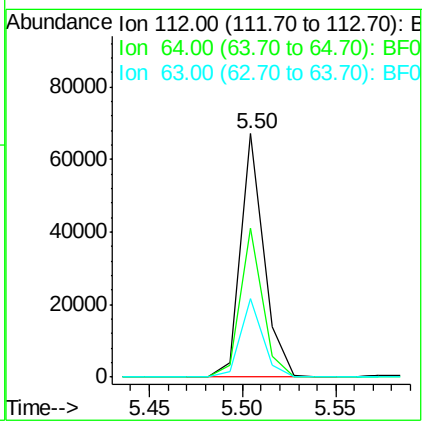


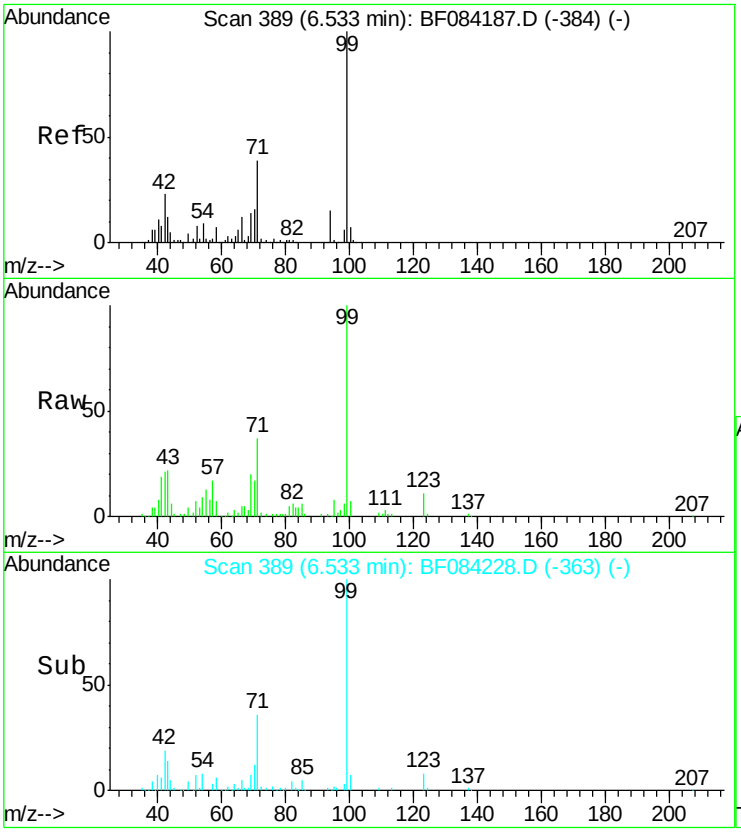


#5
2-Fluorophenol
Concen: 27.33 ng
RT: 5.50 min Scan# 299
Delta R.T. 0.01 min
Lab File: BF084228.D
Acq: 1 Jan 2016 6:39

Tgt Ion:112 Resp: 58493

Ion	Ratio	Lower	Upper
112	100		
64	61.3	36.6	55.0#
63	32.2	19.4	29.0#



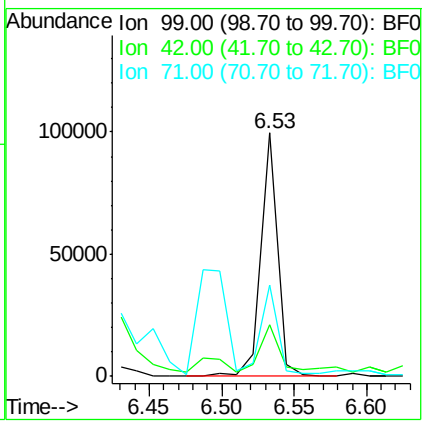


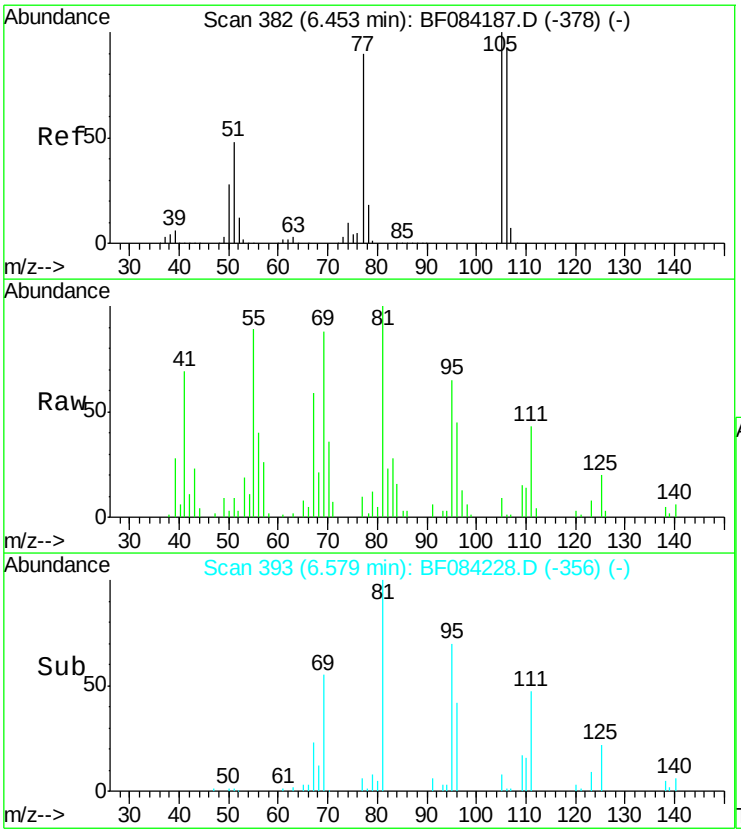
#7
Phenol-d6
Concen: 29.88 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF084228.D
Acq: 1 Jan 2016 6:39

Instrument :
BNA_F
ClientSampleId :
PJ-SB-300(16.0-16.5)

Tgt Ion: 99 Resp: 80320

Ion	Ratio	Lower	Upper
99	100		
42	21.3	12.8	19.2#
71	37.4	30.9	46.3

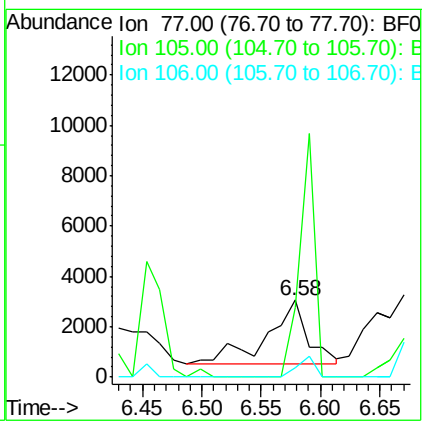


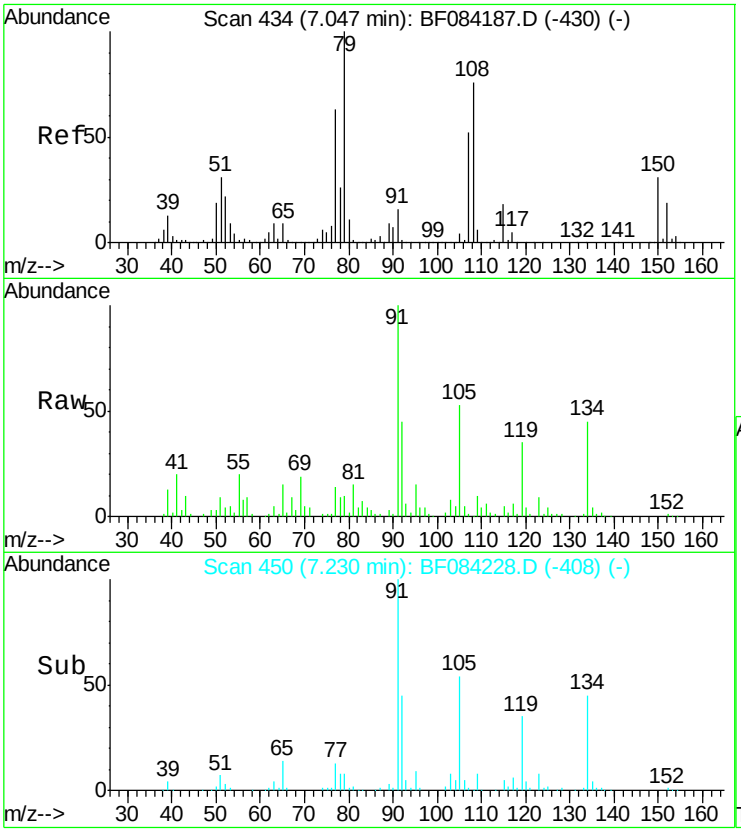


#9
Benzaldehyde
Concen: 3.56 ng
RT: 6.58 min Scan# 393
Delta R.T. 0.13 min
Lab File: BF084228.D
Acq: 1 Jan 2016 6:39

Tgt Ion: 77 Resp: 6239

Ion	Ratio	Lower	Upper
77	100		
105	89.9	83.0	123.0
106	12.0	74.6	114.6#



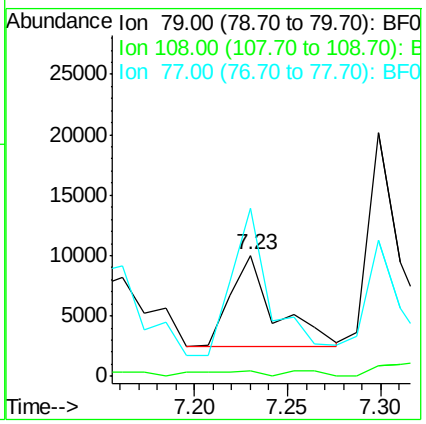


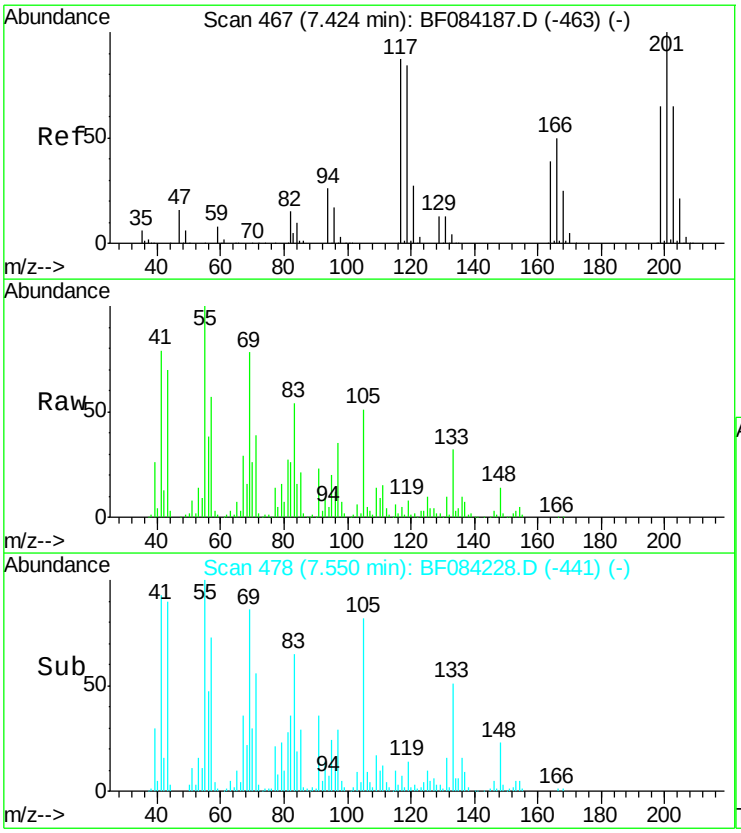
#15
Benzyl Alcohol
Concen: 5.64 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.18 min
Lab File: BF084228.D
Acq: 1 Jan 2016 6:39

Instrument :
BNA_F
ClientSampleId :
PJ-SB-300(16.0-16.5)

Tgt Ion: 79 Resp: 12760

Ion	Ratio	Lower	Upper
79	100		
108	4.1	69.0	103.4#
77	138.9	50.0	75.0#

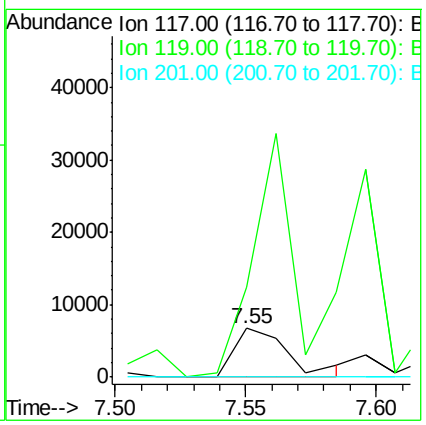


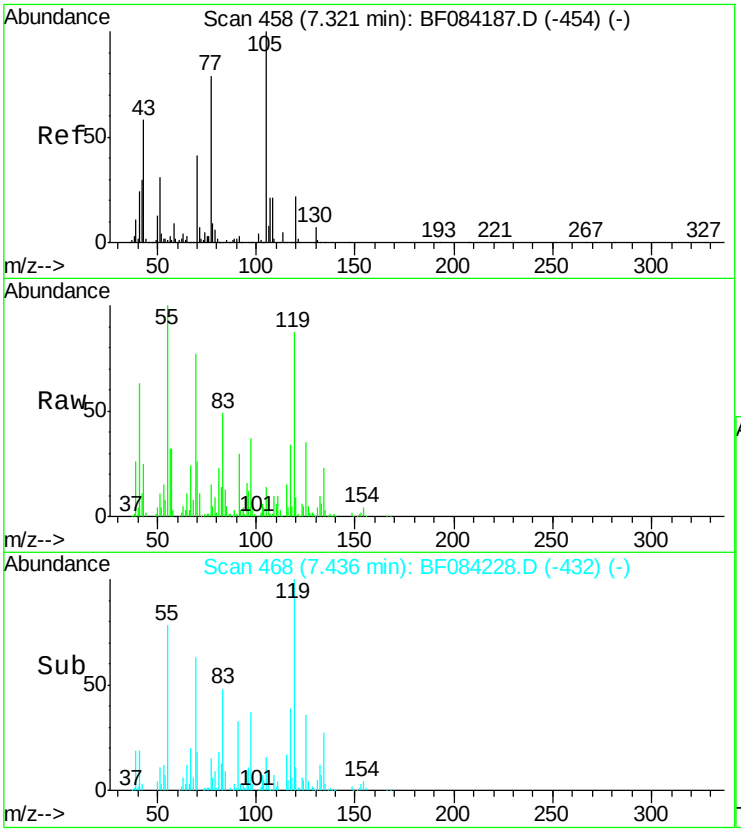


#18
Hexachloroethane
Concen: 9.76 ng
RT: 7.55 min Scan# 478
Delta R.T. 0.13 min
Lab File: BF084228.D
Acq: 1 Jan 2016 6:39

Tgt Ion:117 Resp: 9807

Ion	Ratio	Lower	Upper
117	100		
119	186.4	77.4	116.0#
201	0.0	68.6	103.0#



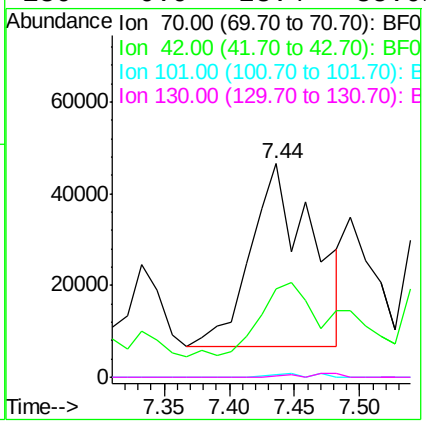


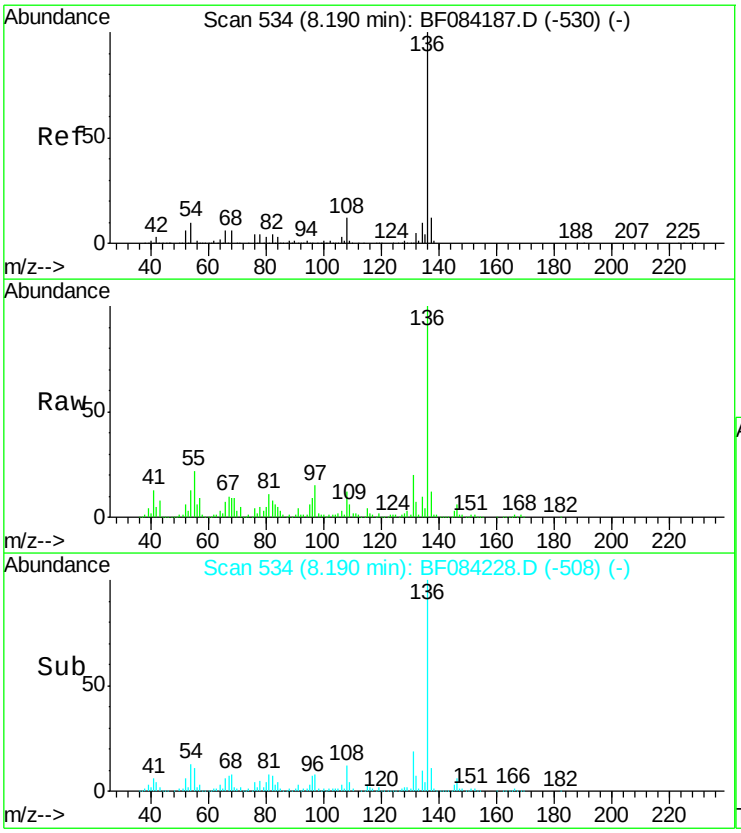
#19
n-Nitroso-di-n-propylamine
Concen: 72.21 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.11 min
Lab File: BF084228.D
Acq: 1 Jan 2016 6:39

Instrument :
BNA_F
ClientSampleId :
PJ-SB-300(16.0-16.5)

Tgt Ion: 70 Resp: 131404

Ion	Ratio	Lower	Upper
70	100		
42	41.4	33.3	49.9
101	1.4	9.3	13.9#
130	0.9	23.4	35.0#

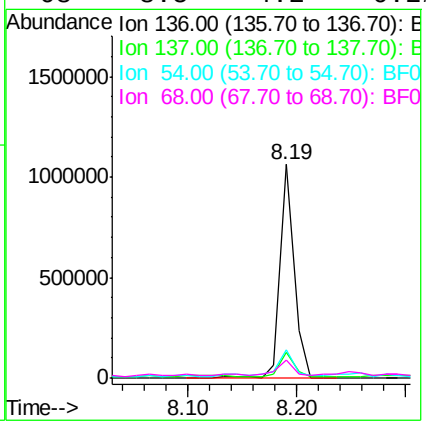


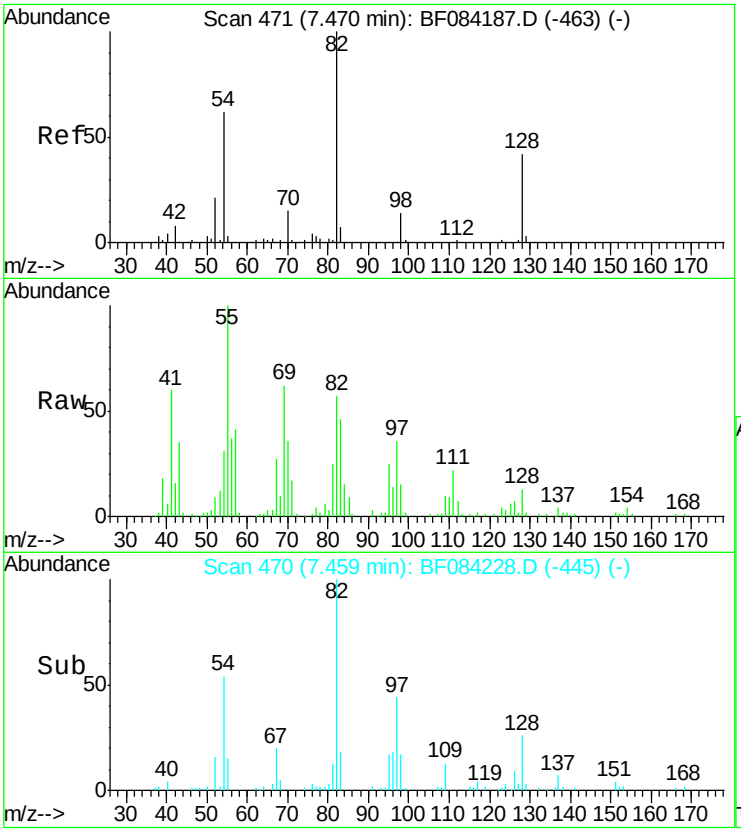


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF084228.D
Acq: 1 Jan 2016 6:39

Tgt Ion:136 Resp: 942552

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.7	13.1
54	13.2	5.8	8.8#
68	8.5	4.2	6.2#



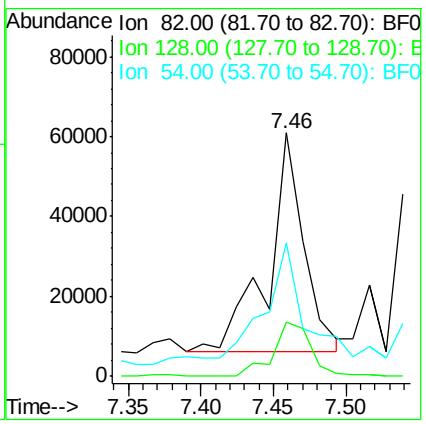


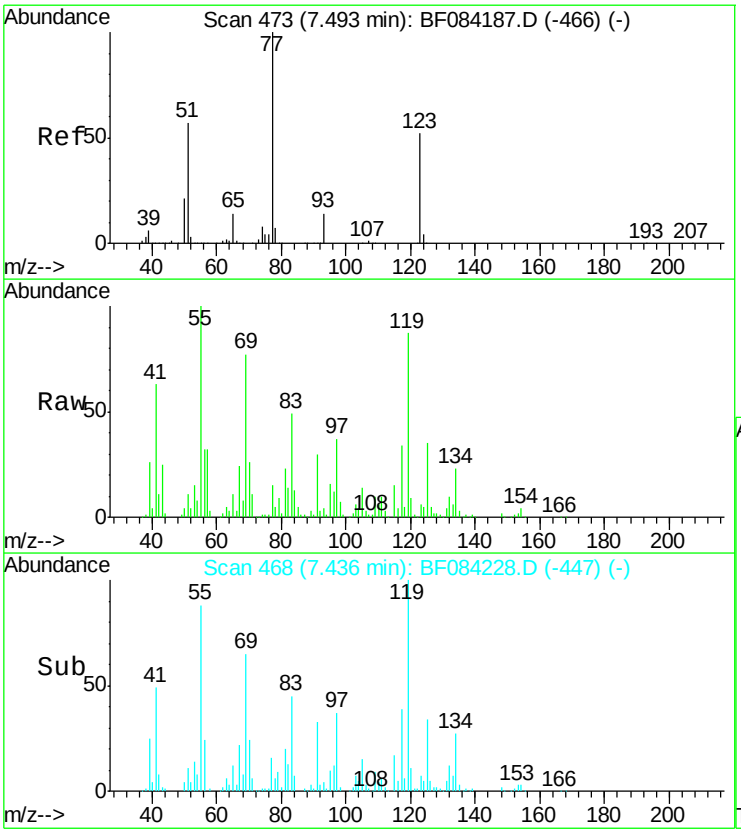
#23
Nitrobenzene-d5
Concen: 5.60 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF084228.D
Acq: 1 Jan 2016 6:39

Instrument :
BNA_F
ClientSampleId :
PJ-SB-300(16.0-16.5)

Tgt Ion: 82 Resp: 94767

Ion	Ratio	Lower	Upper
82	100		
128	22.3	34.6	51.8#
54	54.7	38.4	57.6

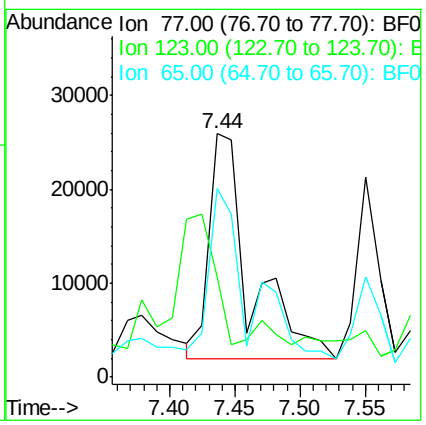


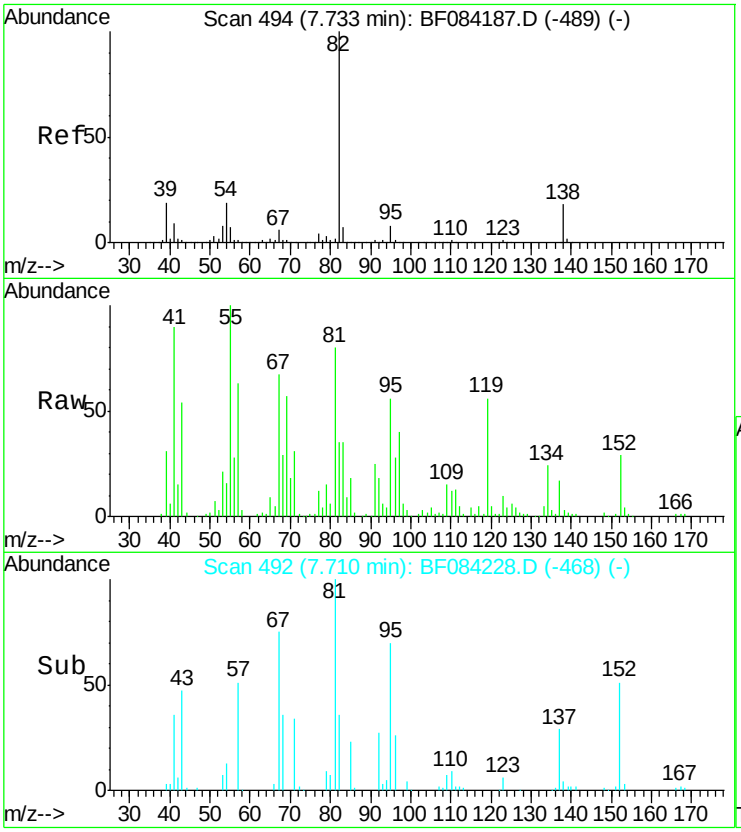


#24
Nitrobenzene
Concen: 3.10 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.06 min
Lab File: BF084228.D
Acq: 1 Jan 2016 6:39

Tgt Ion: 77 Resp: 53283

Ion	Ratio	Lower	Upper
77	100		
123	41.0	37.4	56.2
65	77.4	10.9	16.3#



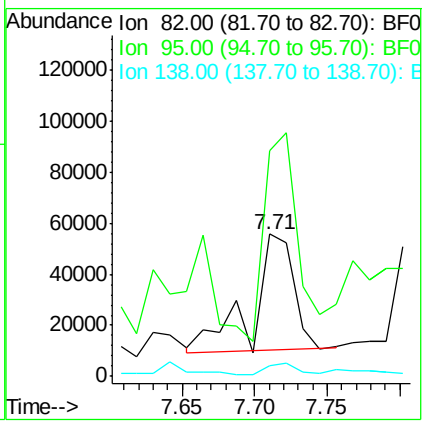


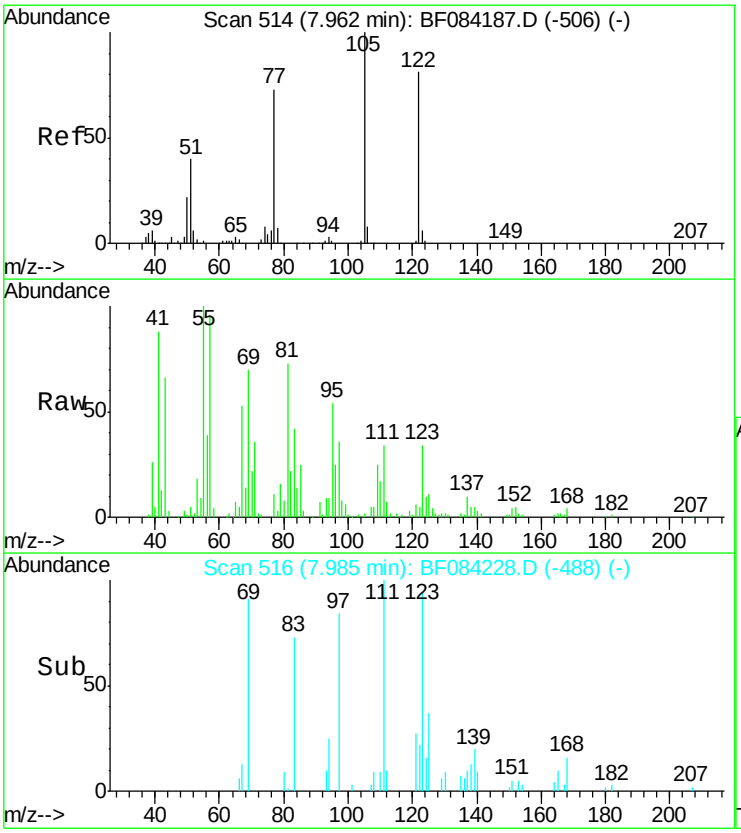
#25
Isophorone
Concen: 2.81 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.02 min
Lab File: BF084228.D
Acq: 1 Jan 2016 6:39

Instrument :
BNA_F
ClientSampleId :
PJ-SB-300(16.0-16.5)

Tgt Ion: 82 Resp: 91096

Ion	Ratio	Lower	Upper
82	100		
95	158.8	6.6	10.0#
138	7.1	13.6	20.4#

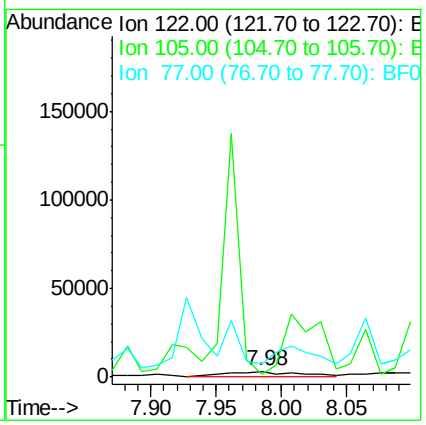


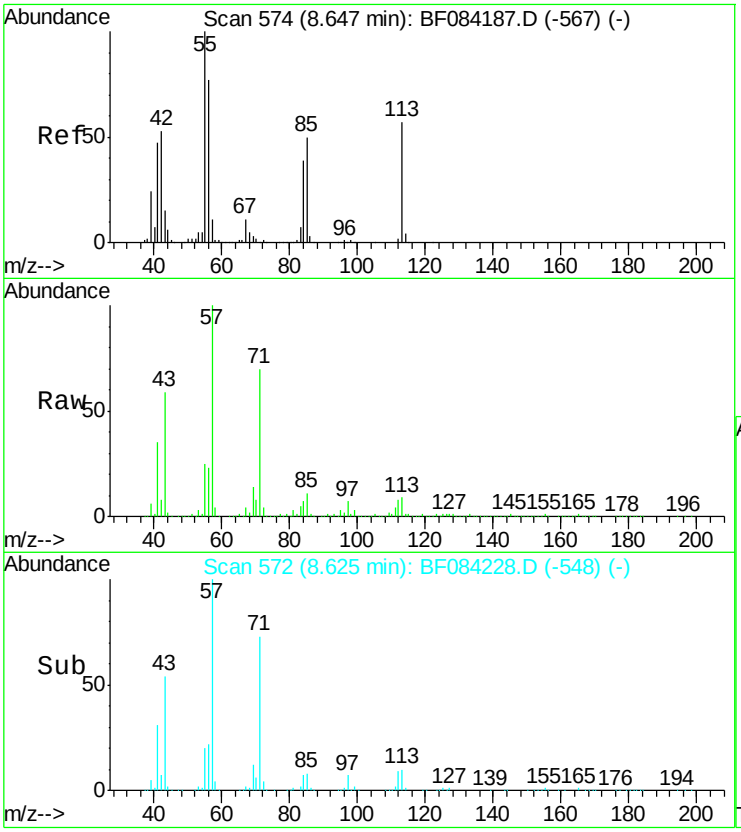


#32
Benzoic acid
Concen: 7.17 ng
RT: 7.98 min Scan# 516
Delta R.T. 0.02 min
Lab File: BF084228.D
Acq: 1 Jan 2016 6:39

Tgt Ion:122 Resp: 10731

Ion	Ratio	Lower	Upper
122	100		
105	41.7	100.3	140.3#
77	227.7	63.5	103.5#



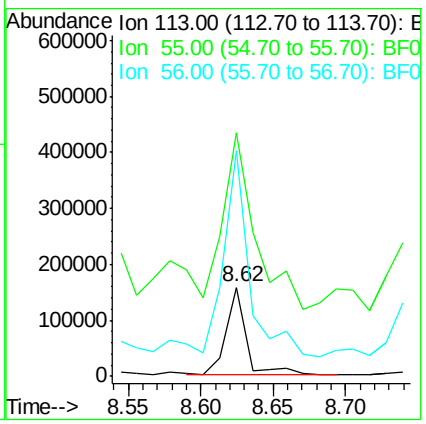


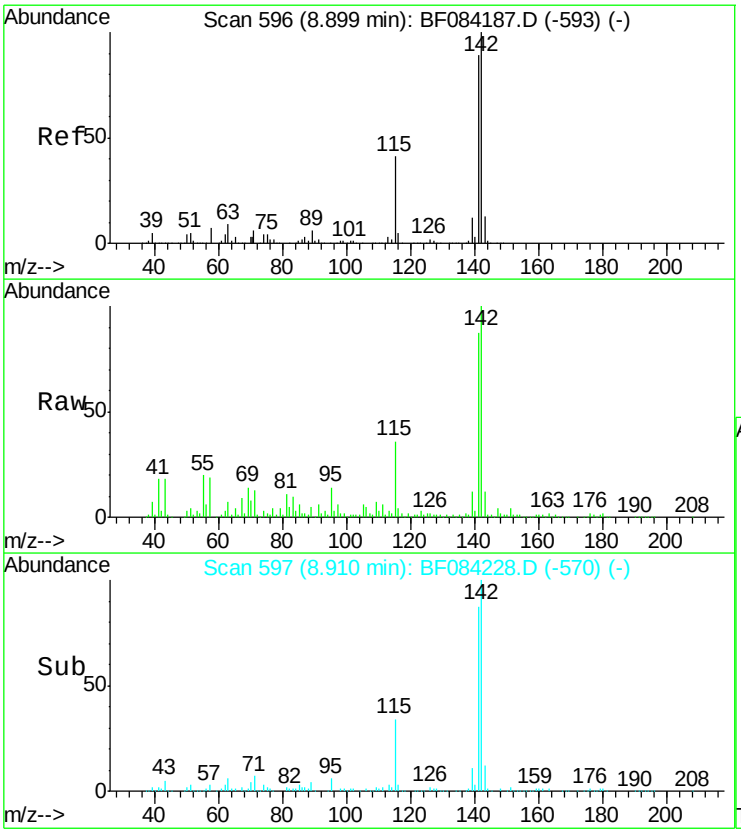
#35
Caprolactam
Concen: 33.02 ng
RT: 8.62 min Scan# 572
Delta R.T. -0.02 min
Lab File: BF084228.D
Acq: 1 Jan 2016 6:39

Instrument :
BNA_F
ClientSampleId :
PJ-SB-300(16.0-16.5)

Tgt Ion:113 Resp: 146739

Ion	Ratio	Lower	Upper
113	100		
55	273.6	116.9	156.9#
56	252.9	93.8	133.8#

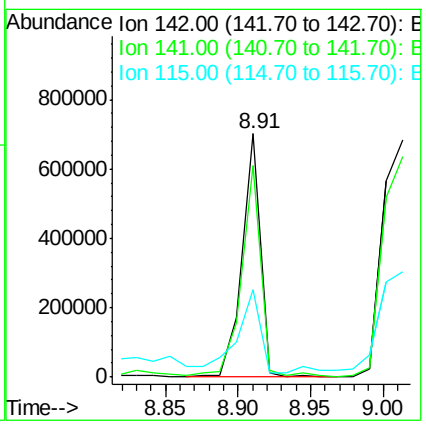


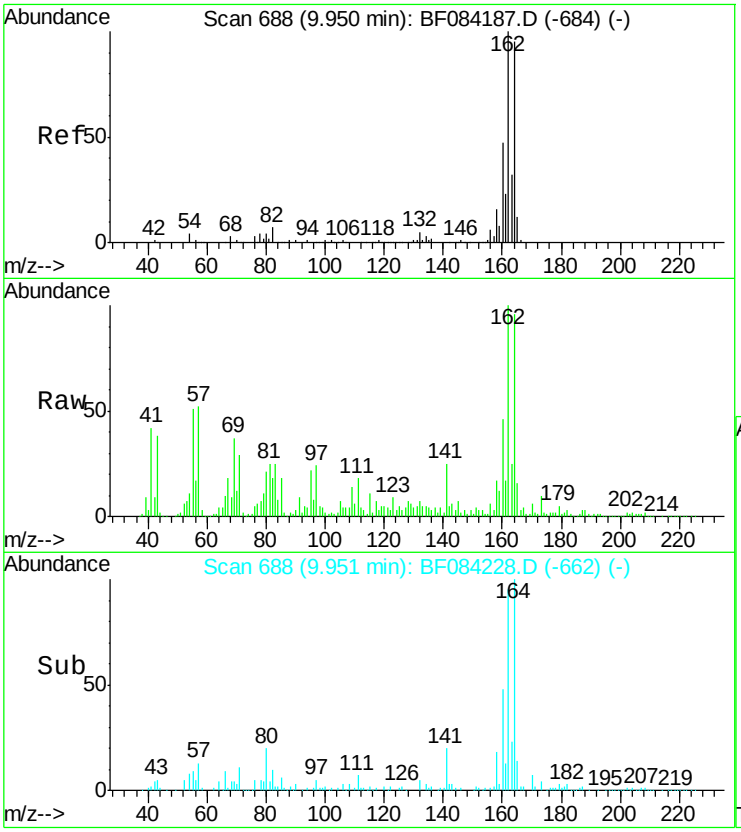


#37
2-Methylnaphthalene
Concen: 20.08 ng
RT: 8.91 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF084228.D
Acq: 1 Jan 2016 6:39

Tgt Ion:142 Resp: 616489

Ion	Ratio	Lower	Upper
142	100		
141	87.1	72.4	108.6
115	35.8	27.9	41.9



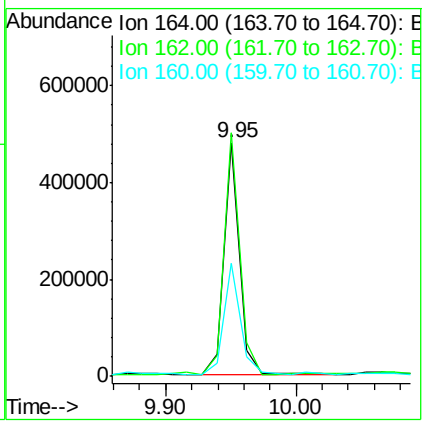


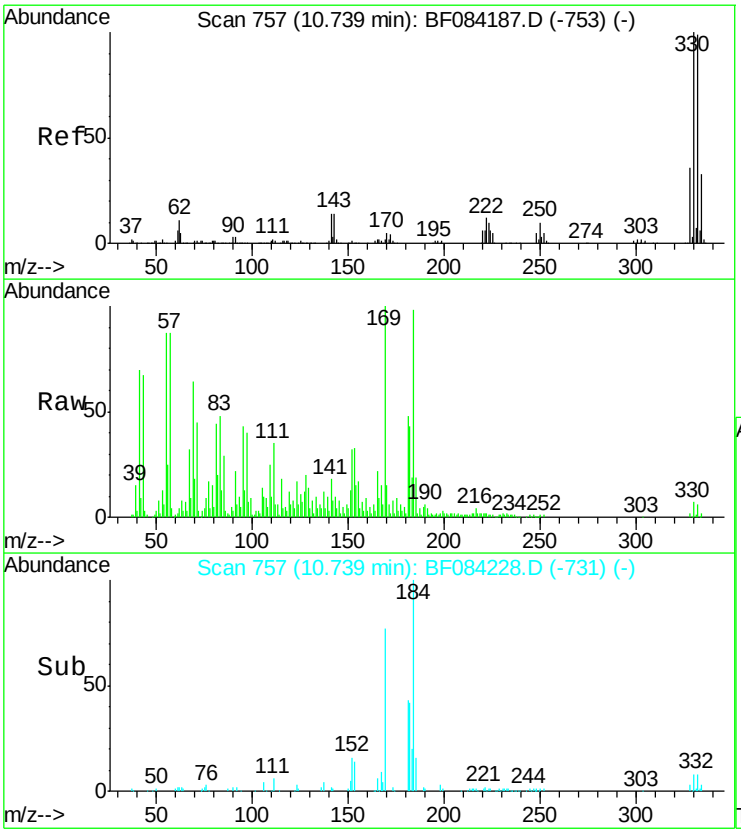
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF084228.D
Acq: 1 Jan 2016 6:39

Instrument :
BNA_F
ClientSampleId :
PJ-SB-300(16.0-16.5)

Tgt Ion:164 Resp: 401012

Ion	Ratio	Lower	Upper
164	100		
162	104.3	85.1	127.7
160	48.4	37.5	56.3

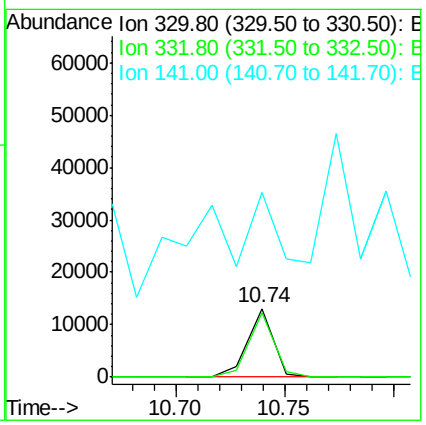


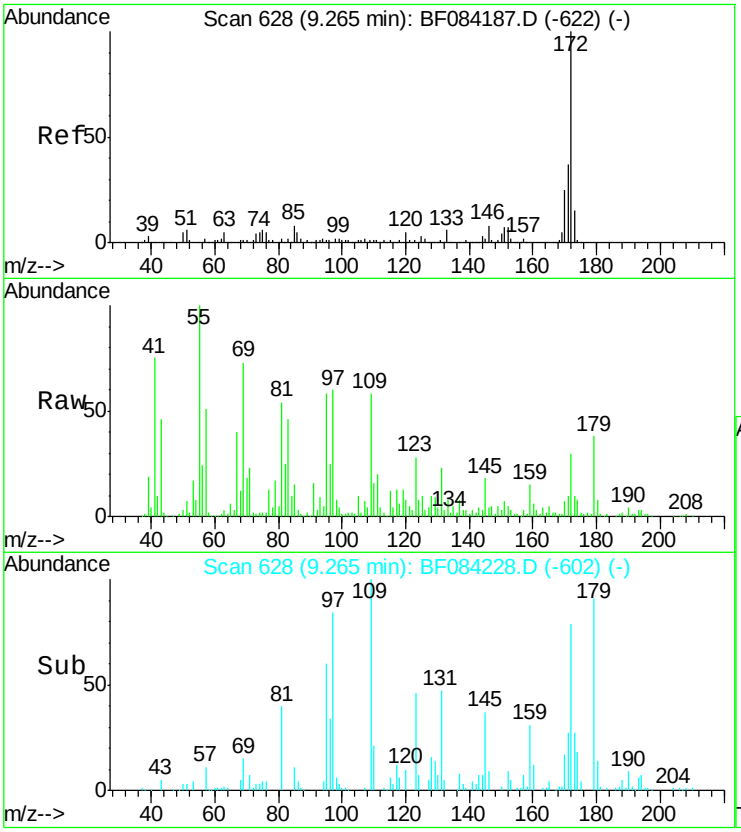


#41
2,4,6-Tribromophenol
Concen: 2.67 ng
RT: 10.74 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF084228.D
Acq: 1 Jan 2016 6:39

Tgt Ion:330 Resp: 10808

Ion	Ratio	Lower	Upper
330	100		
332	92.1	76.6	114.8
141	0.0	27.8	41.6#



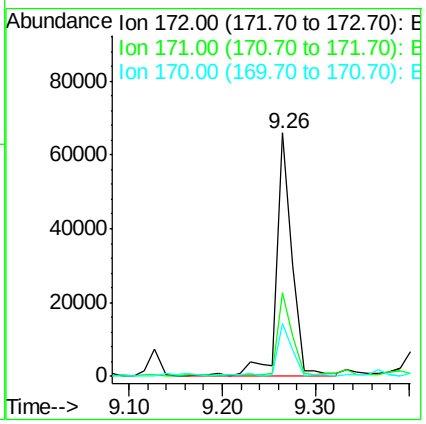


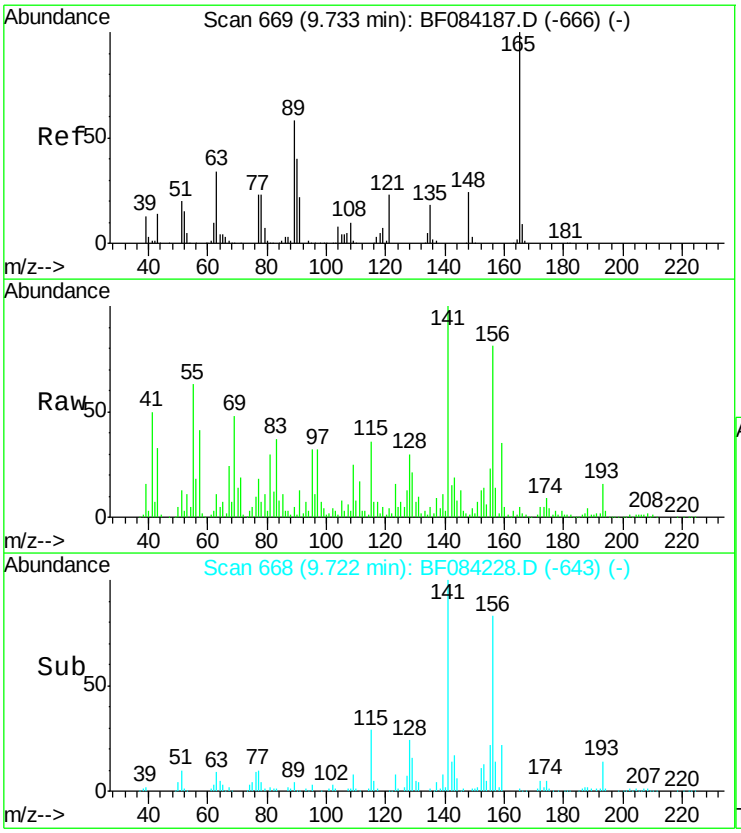
#44
2-Fluorobiphenyl
Concen: -3.14 ng
RT: 9.26 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF084228.D
Acq: 1 Jan 2016 6:39

Instrument :
BNA_F
ClientSampleId :
PJ-SB-300(16.0-16.5)

Tgt Ion:172 Resp: 77933

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.9	43.3
170	21.6	18.6	27.8

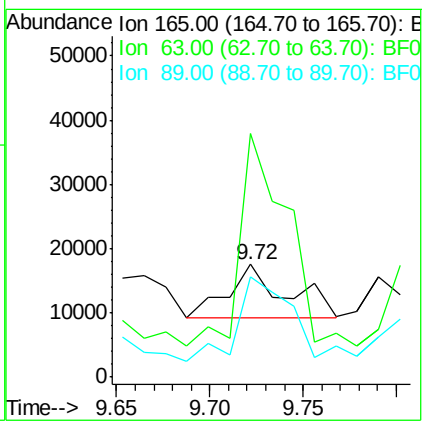


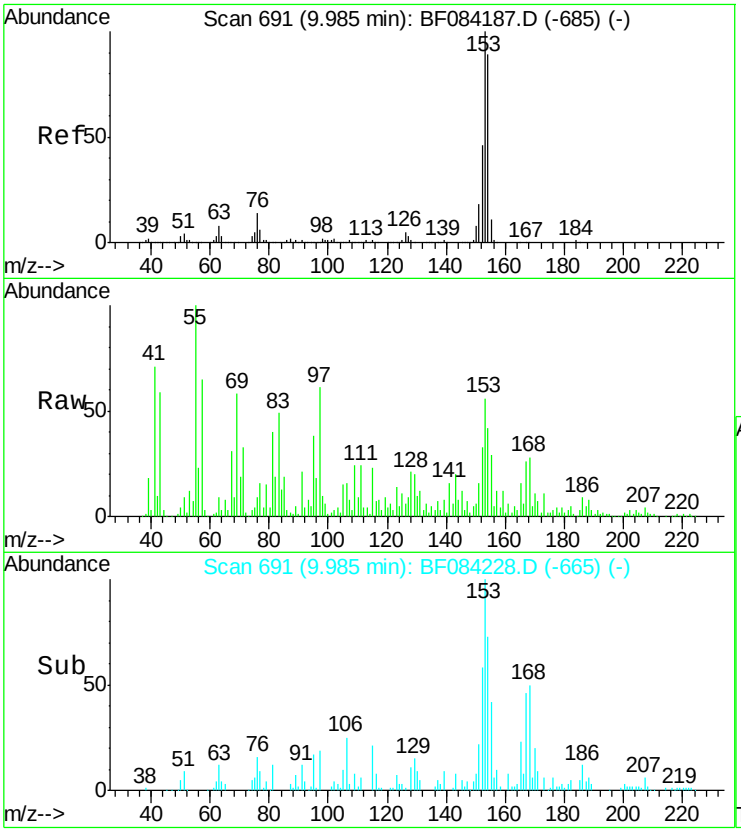


#50
2,6-Dinitrotoluene
Concen: 2.83 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF084228.D
Acq: 1 Jan 2016 6:39

Tgt Ion:165 Resp: 17789

Ion	Ratio	Lower	Upper
165	100		
63	215.7	28.8	43.2#
89	89.2	35.1	52.7#



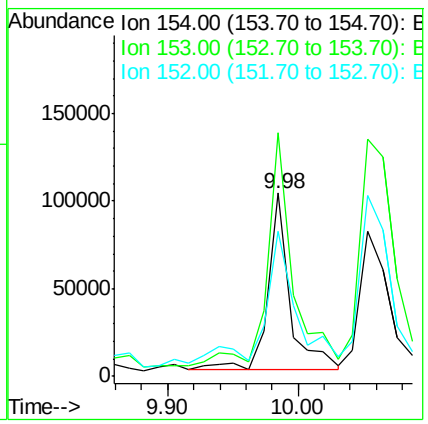


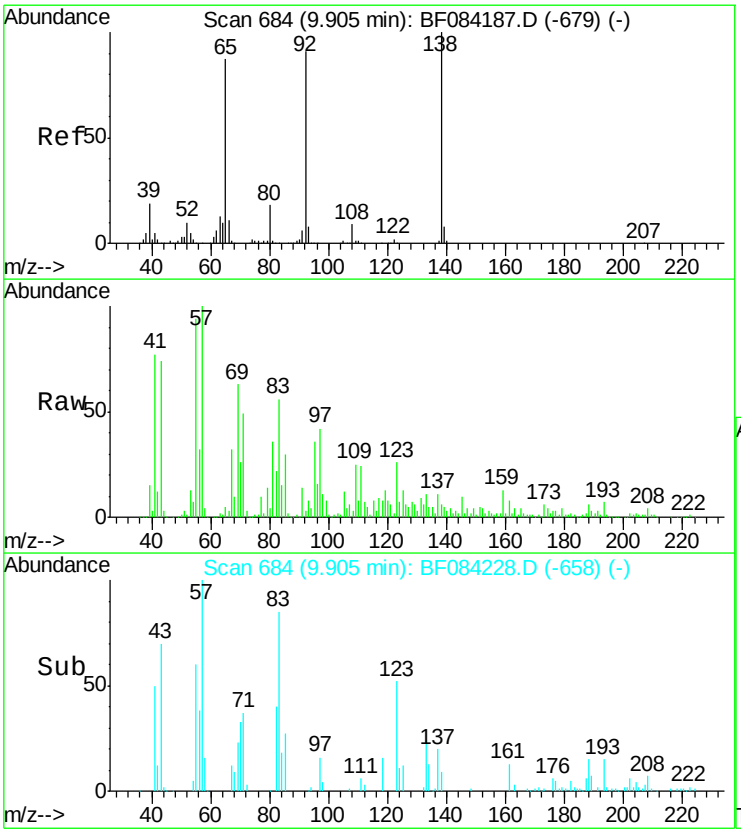
#51
Acenaphthene
Concen: 4.76 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF084228.D
Acq: 1 Jan 2016 6:39

Instrument :
BNA_F
ClientSampleId :
PJ-SB-300(16.0-16.5)

Tgt Ion:154 Resp: 118029

Ion	Ratio	Lower	Upper
154	100		
153	133.0	91.5	137.3
152	79.1	43.0	64.6#

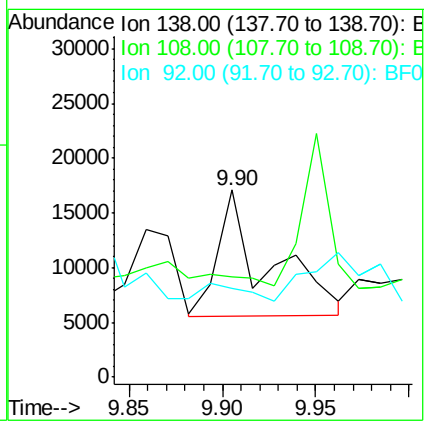


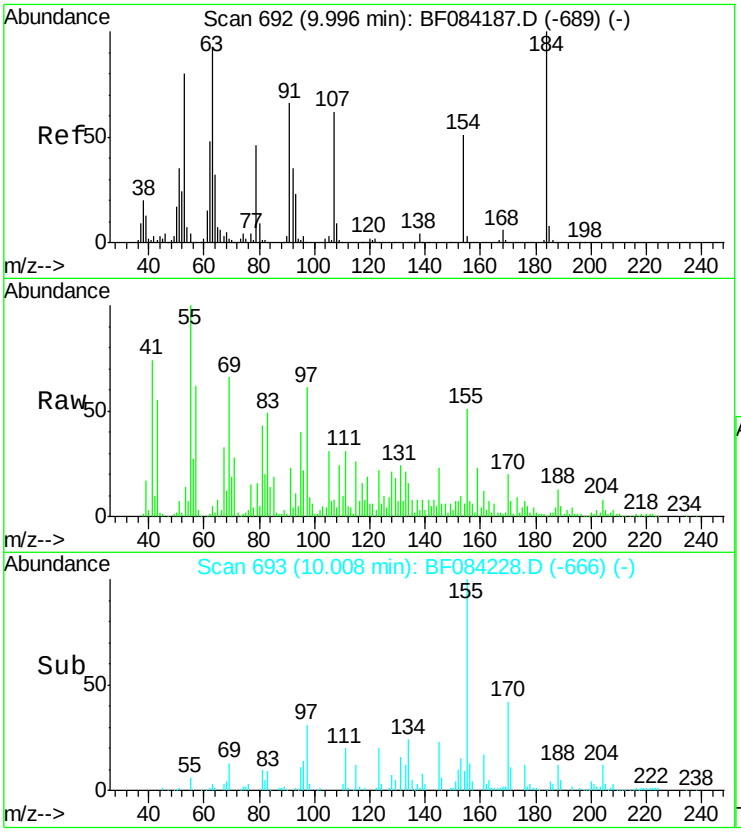


#52
3-Nitroaniline
Concen: 2.79 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF084228.D
Acq: 1 Jan 2016 6:39

Tgt Ion:138 Resp: 21734

Ion	Ratio	Lower	Upper
138	100		
108	53.3	10.5	15.7#
92	47.6	103.9	155.9#



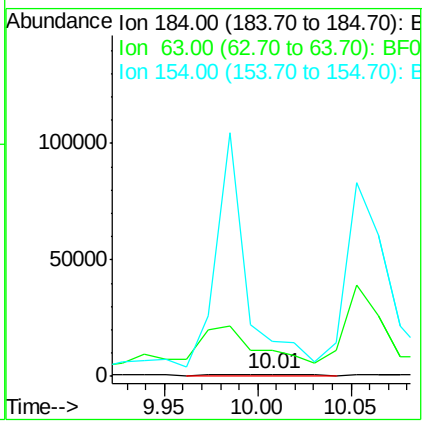


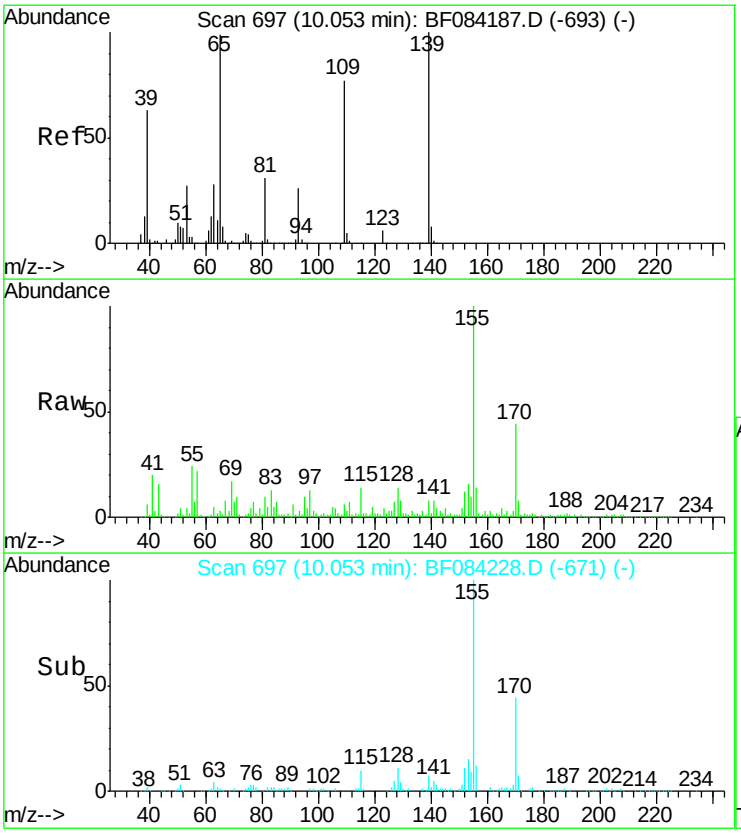
#53
2,4-Dinitrophenol
Concen: 4.52 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF084228.D
Acq: 1 Jan 2016 6:39

Instrument :
BNA_F
ClientSampleId :
PJ-SB-300(16.0-16.5)

Tgt Ion:184 Resp: 2688

Ion	Ratio	Lower	Upper
184	100		
63	1220.4	43.1	64.7#
154	1618.4	60.5	90.7#

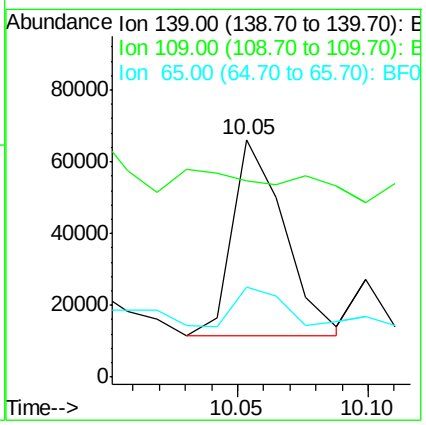


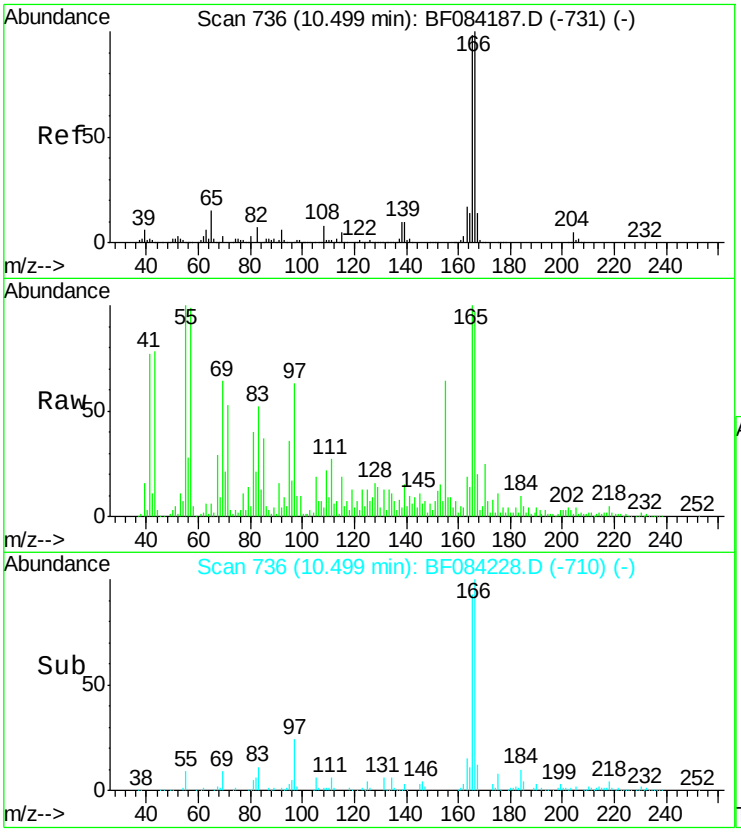


#55
4-Nitrophenol
Concen: 13.40 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF084228.D
Acq: 1 Jan 2016 6:39

Tgt Ion:139 Resp: 75788

Ion	Ratio	Lower	Upper
139	100		
109	82.7	58.5	98.5
65	38.1	57.6	97.6#



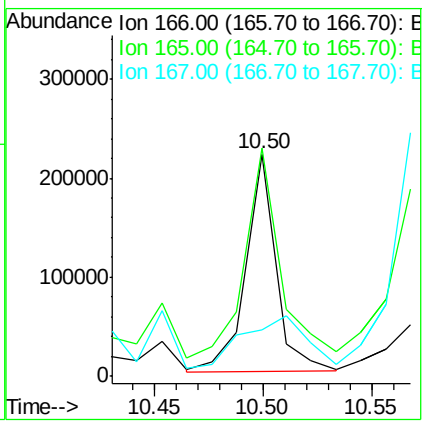


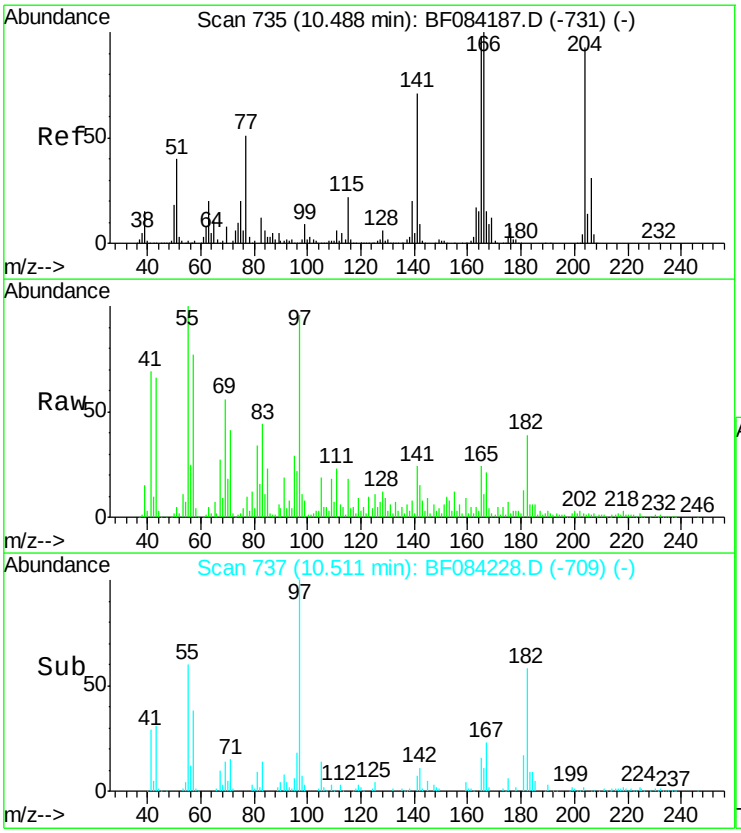
#57
Fluorene
Concen: 6.52 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF084228.D
Acq: 1 Jan 2016 6:39

Instrument :
BNA_F
ClientSampleId :
PJ-SB-300(16.0-16.5)

Tgt Ion:166 Resp: 212708

Ion	Ratio	Lower	Upper
166	100		
165	102.6	79.1	118.7
167	20.7	10.4	15.6#

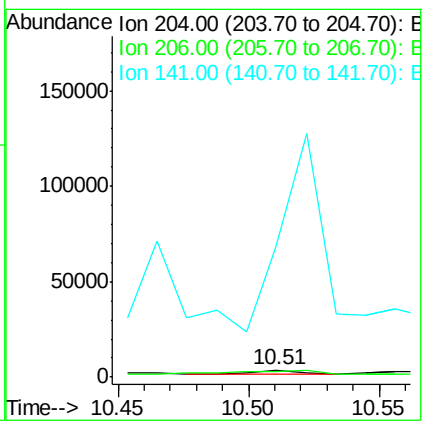


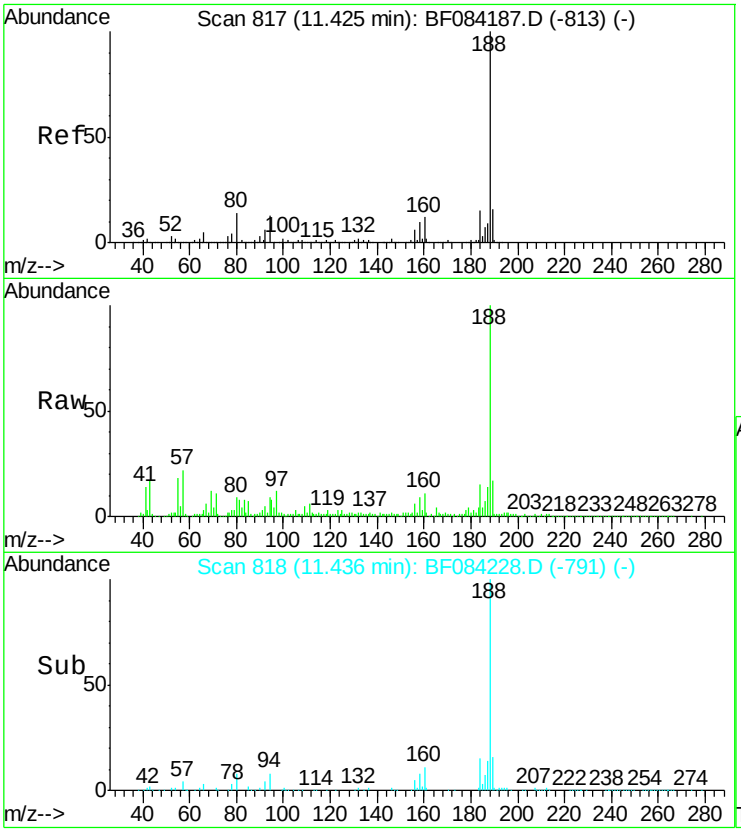


#60
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.51 min Scan# 737
Delta R.T. 0.02 min
Lab File: BF084228.D
Acq: 1 Jan 2016 6:39

Tgt Ion:204 Resp: 2838

Ion	Ratio	Lower	Upper
204	100		
206	72.3	25.7	38.5#
141	1867.8	55.1	82.7#



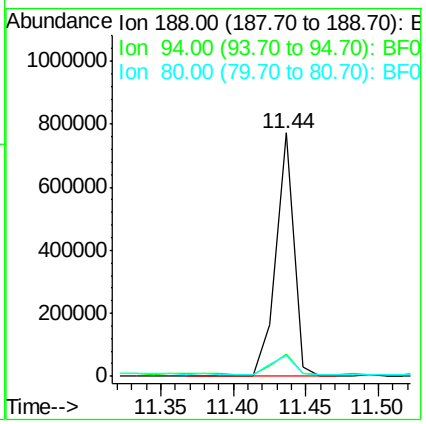


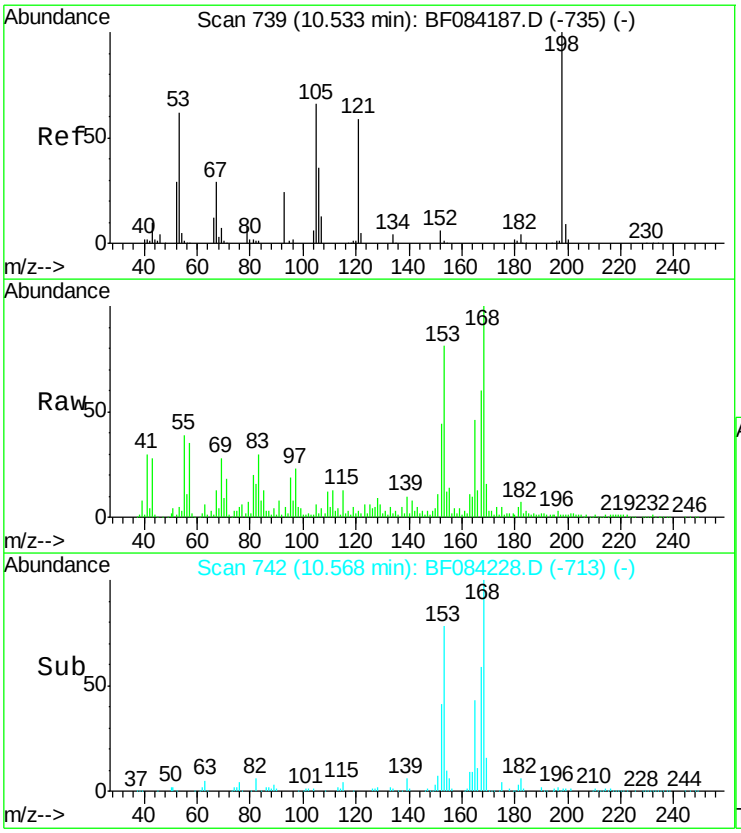
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. 0.01 min
Lab File: BF084228.D
Acq: 1 Jan 2016 6:39

Instrument :
BNA_F
ClientSampleId :
PJ-SB-300(16.0-16.5)

Tgt Ion:188 Resp: 662669

Ion	Ratio	Lower	Upper
188	100		
94	8.9	9.0	13.4#
80	8.6	9.6	14.4#

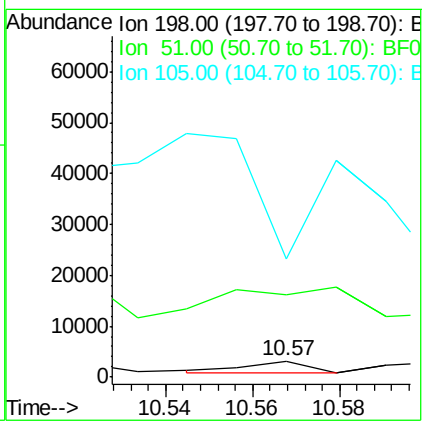


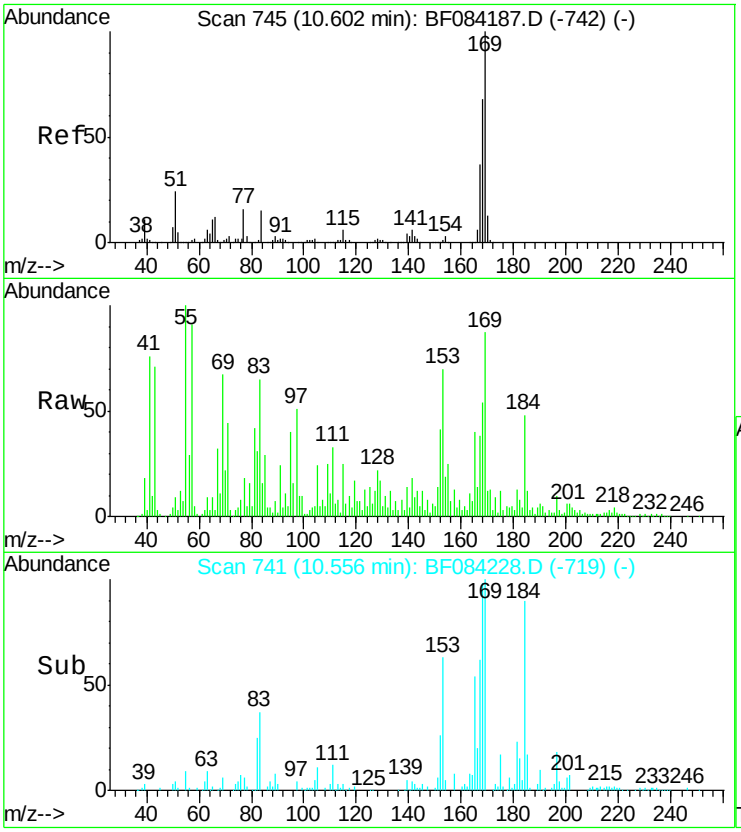


#64
4,6-Dinitro-2-methylphenol
Concen: 6.83 ng
RT: 10.57 min Scan# 742
Delta R.T. 0.03 min
Lab File: BF084228.D
Acq: 1 Jan 2016 6:39

Tgt Ion:198 Resp: 2258

Ion	Ratio	Lower	Upper
198	100		
51	513.7	18.9	58.9#
105	736.7	26.4	66.4#



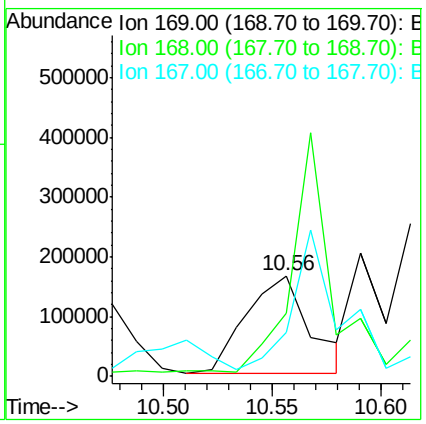


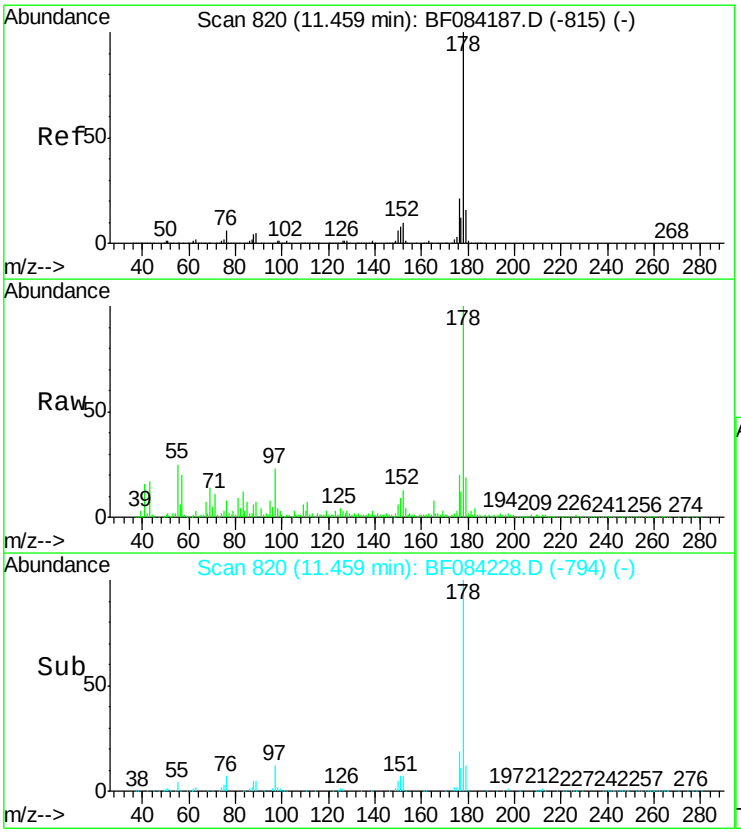
#65
n-Nitrosodiphenylamine
Concen: 16.01 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.05 min
Lab File: BF084228.D
Acq: 1 Jan 2016 6:39

Instrument :
BNA_F
ClientSampleId :
PJ-SB-300(16.0-16.5)

Tgt Ion:169 Resp: 339215

Ion	Ratio	Lower	Upper
169	100		
168	62.6	55.1	82.7
167	43.5	30.0	45.0

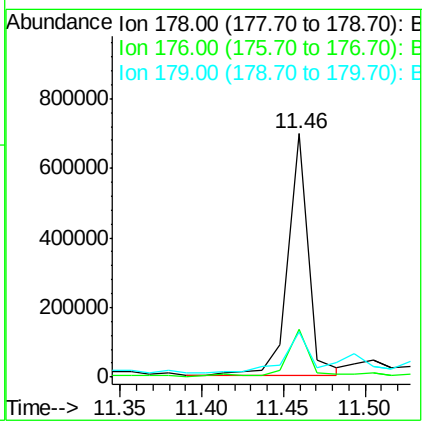


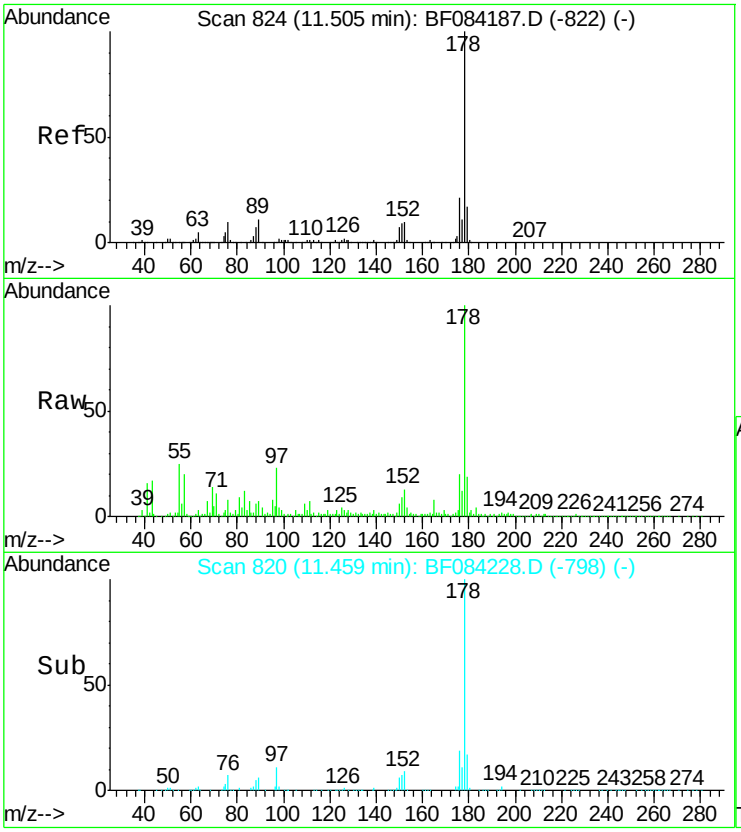


#70
Phenanthrene
Concen: 17.25 ng
RT: 11.46 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF084228.D
Acq: 1 Jan 2016 6:39

Tgt Ion:178 Resp: 597858

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.3	22.9
179	18.5	12.0	18.0#



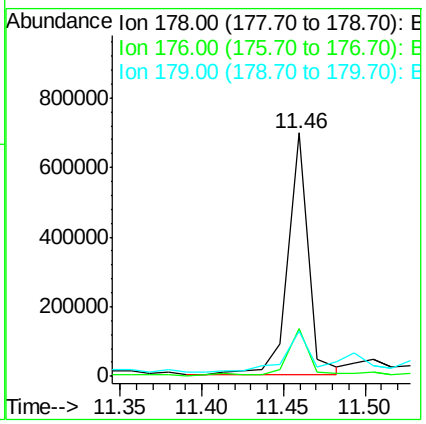


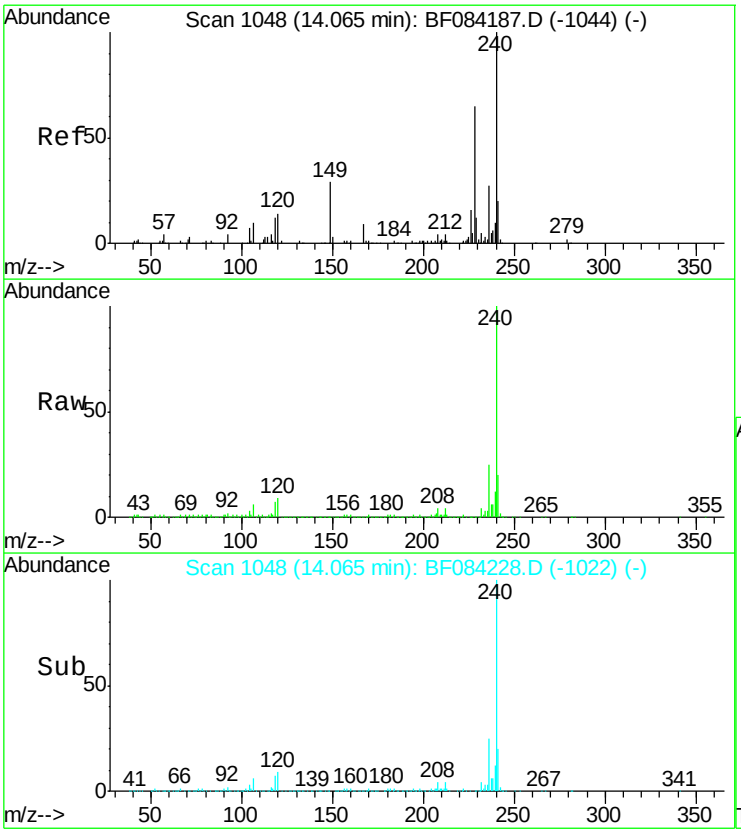
#71
Anthracene
Concen: 17.59 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.04 min
Lab File: BF084228.D
Acq: 1 Jan 2016 6:39

Instrument :
BNA_F
ClientSampleId :
PJ-SB-300(16.0-16.5)

Tgt Ion:178 Resp: 597858

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.0
179	18.5	12.5	18.7

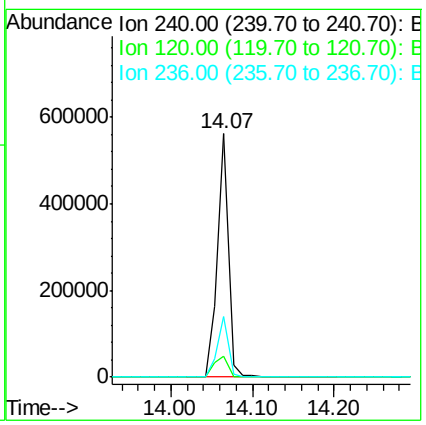


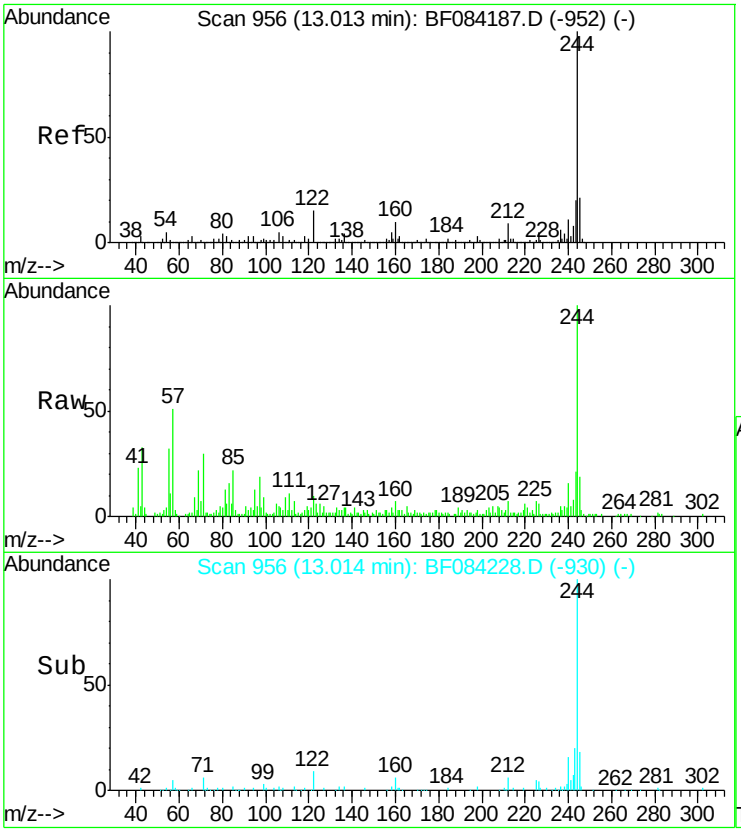


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF084228.D
Acq: 1 Jan 2016 6:39

Tgt Ion:240 Resp: 527844

Ion	Ratio	Lower	Upper
240	100		
120	8.7	9.5	14.3#
236	25.1	20.6	31.0



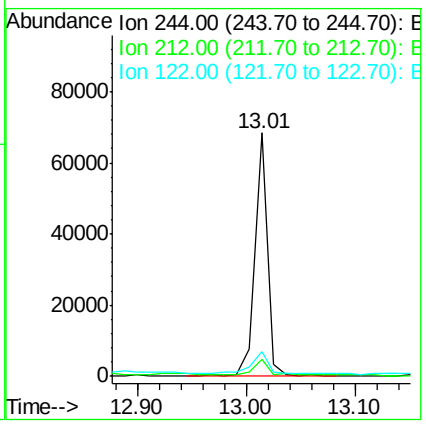


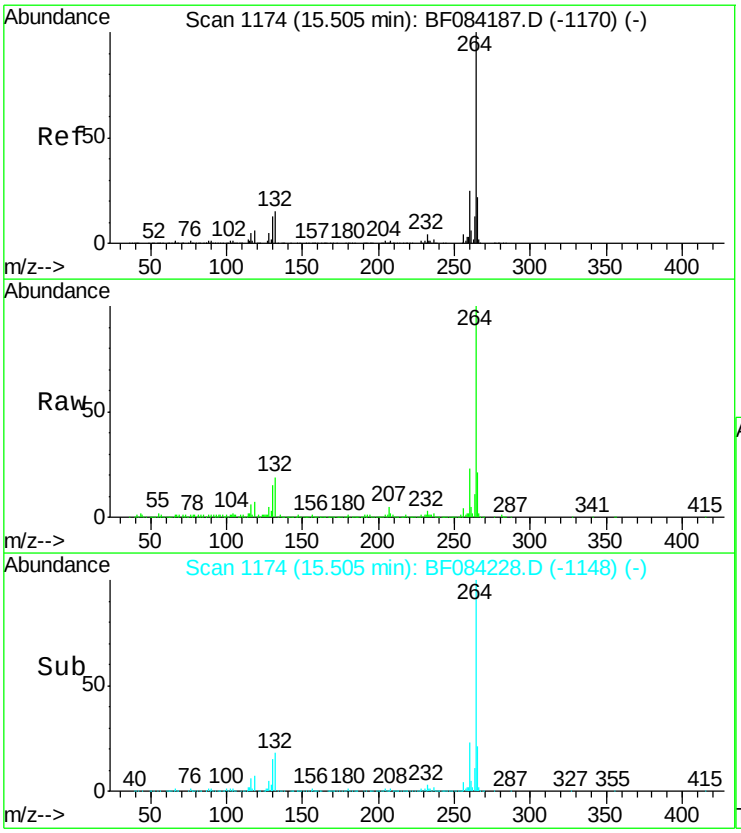
#78
Terphenyl-d14
Concen: 2.34 ng
RT: 13.01 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF084228.D
Acq: 1 Jan 2016 6:39

Instrument :
BNA_F
ClientSampleId :
PJ-SB-300(16.0-16.5)

Tgt Ion:244 Resp: 55264

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	10.3	7.4	11.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF084228.D
Acq: 1 Jan 2016 6:39

Tgt Ion:264 Resp: 530597

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	21.1	17.8	26.6