Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052516\
Data File : BF087394.D
Acq On : 26 May 2016 4:11
Operator : UM/SJ
Sample : H3212-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE3-1

Quant Time: May 26 08:35:05 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	103041	20.00	ng		0.00
21) Naphthalene-d8	9.55	136	389347	20.00	ng		0.00
38) Acenaphthene-d10	12.39	164	205117	20.00	ng		0.00
63) Phenanthrene-d10	14.80	188	233284	20.00	ng		0.02
75) Chrysene-d12	18.50	240	212693	20.00	ng		0.02
86) Perylene-d12	20.16	264	143423	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	388710	66.29	ng		0.03
7) Phenol-d6	7.10	99	324383	40.94	ng		0.02
23) Nitrobenzene-d5	8.44	82	706752	91.48	ng		0.00
41) 2,4,6-Tribromophenol	13.71	330	170722	86.61	ng		0.03
44) 2-Fluorobiphenyl	11.35	172	1056824	72.64	ng		0.01
78) Terphenyl-d14	17.15	244	688386	68.81	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.64	88	84395	27.28	ng	#	22
17) 2-Methylphenol	8.07	107	35804	6.11	ng	#	79
18) Hexachloroethane	8.28	117	6532	2.14	ng	#	1
20) 3+4-Methylphenols	8.33	107	94265	13.30	ng	#	57
24) Nitrobenzene	8.40	77	25216	3.09	ng	#	22
27) 2,4-Dimethylphenol	9.14	122	52971	9.15	ng	#	84
31) Naphthalene	9.59	128	57342	2.94	ng	#	89
32) Benzoic acid	9.45	122	17762	11.06	ng	#	47
37) 2-Methylnaphthalene	10.72	142	422582	34.67	ng	#	93
50) 2,6-Dinitrotoluene	12.11	165	14236	4.30	ng	#	1
51) Acenaphthene	12.45	154	60338	4.69	ng		96
53) 2,4-Dinitrophenol	12.64	184	888	7.03	ng	#	1
54) Dibenzofuran	12.73	168	56211	3.23	ng	#	60
55) 4-Nitrophenol	12.73	139	43476	26.82	ng		89
56) 2,4-Dinitrotoluene	12.77	165	17734	4.01	ng	#	15
57) Fluorene	13.29	166	96664	6.40	ng	#	94
59) Diethylphthalate	13.20	149	34888	2.18	ng	#	81
61) 4-Nitroaniline	13.38	138	8011	2.53	ng	#	1
65) n-Nitrosodiphenylamine	13.51	169	51356	6.81	ng	#	69
70) Phenanthrene	14.85	178	156939	12.15	ng	#	92
83) Bis(2-ethylhexyl)phthalate	18.56	149	95913	9.68	ng		95

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

Quantitation Report (Not Reviewed)

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Misc :
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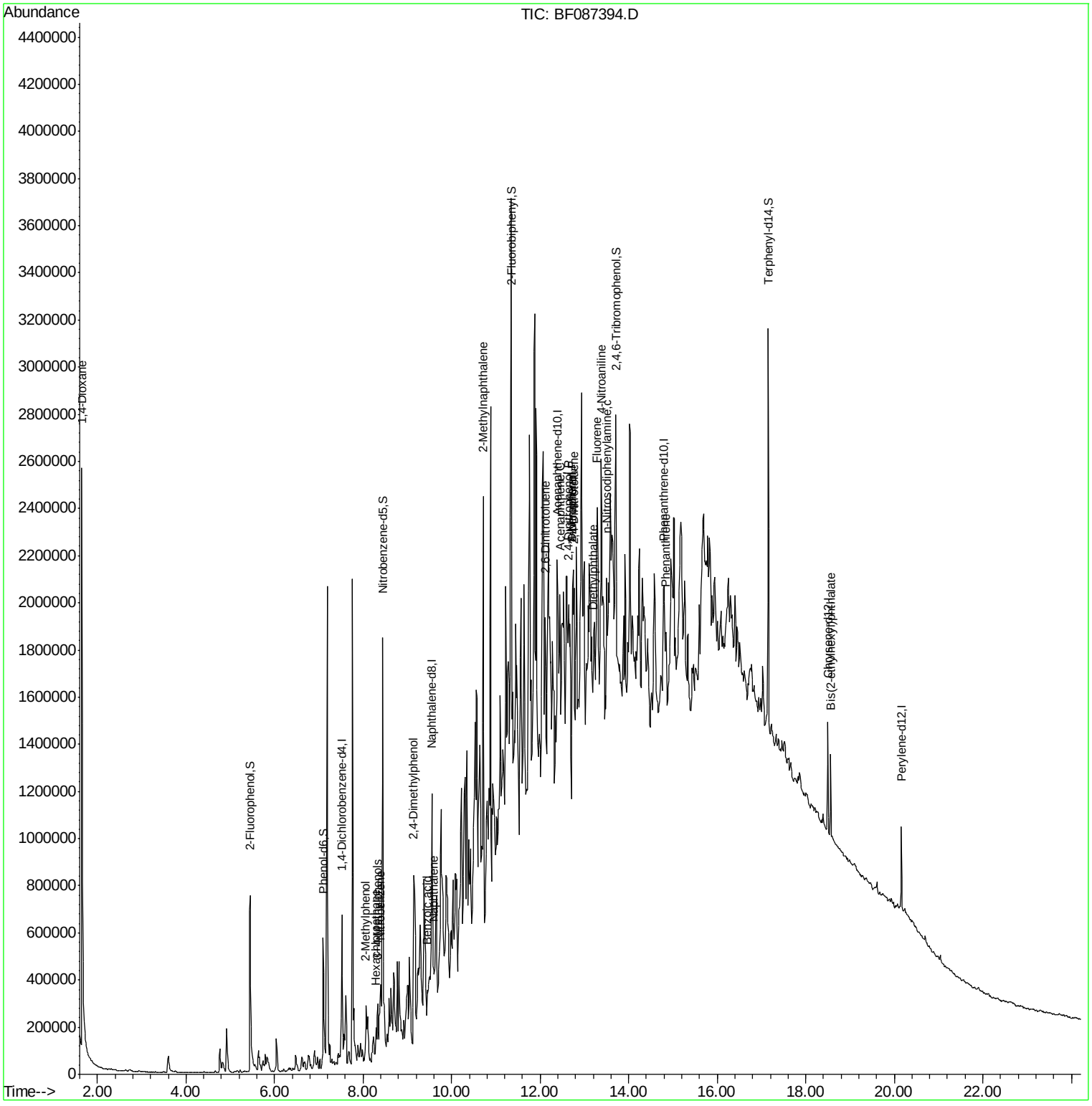
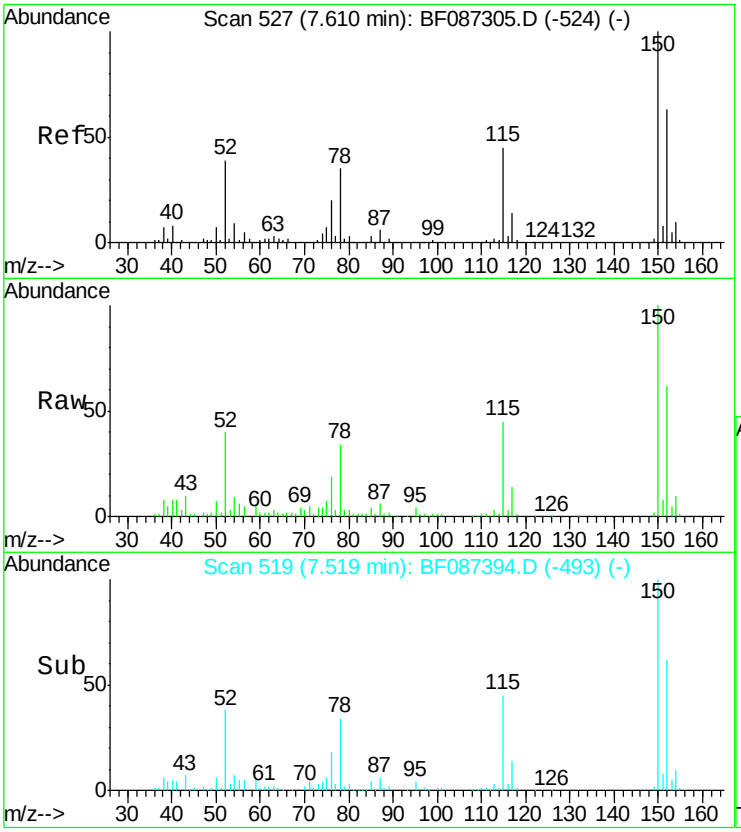


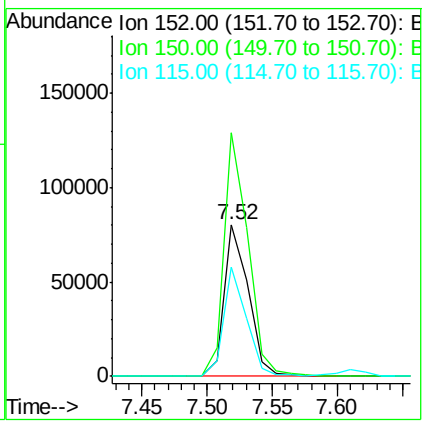


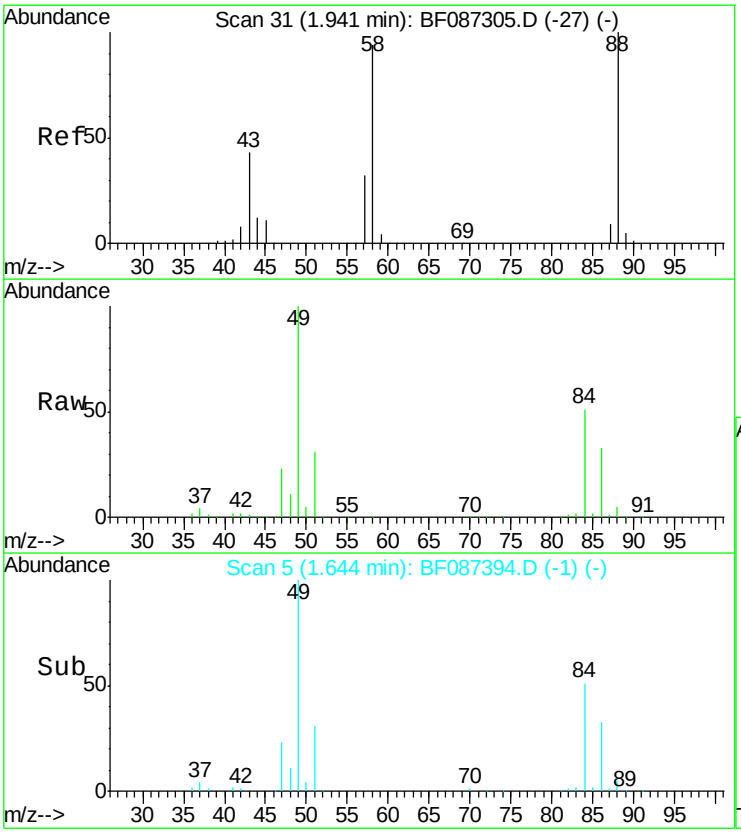
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Instrument :
BNA_F
ClientSampleId :
VE3-1

Tgt Ion:152 Resp: 103041

Ion	Ratio	Lower	Upper
152	100		
150	160.6	125.8	188.6
115	71.7	51.5	77.3

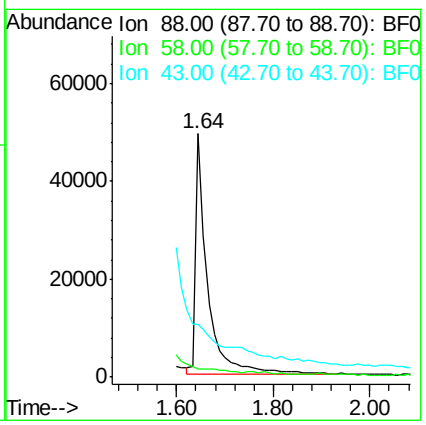


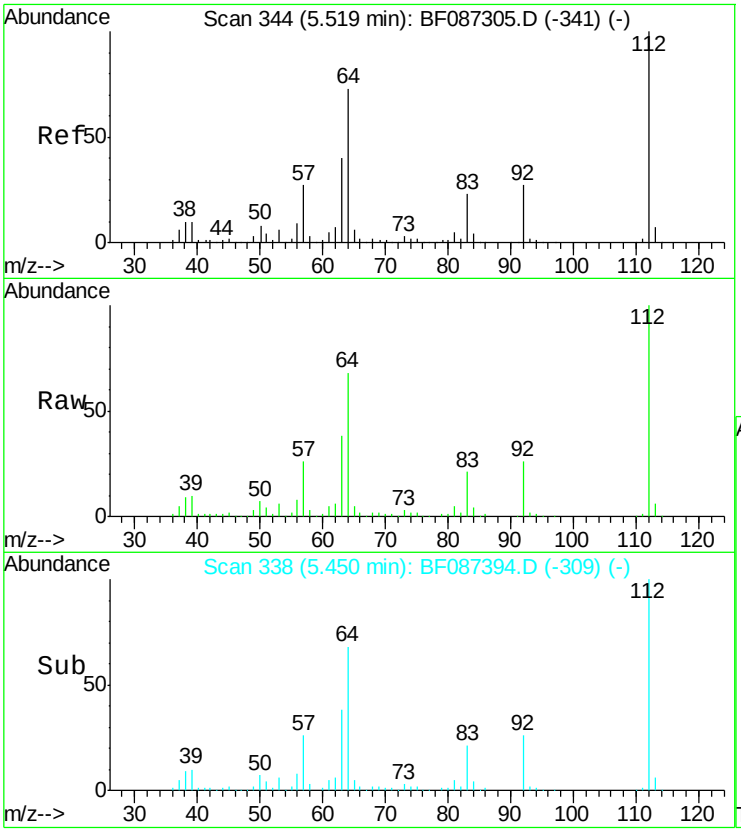


#2
1,4-Dioxane
Concen: 27.28 ng
RT: 1.64 min Scan# 5
Delta R.T. -0.17 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Tgt Ion: 88 Resp: 84395

Ion	Ratio	Lower	Upper
88	100		
58	0.0	59.6	89.4#
43	0.0	21.8	32.6#



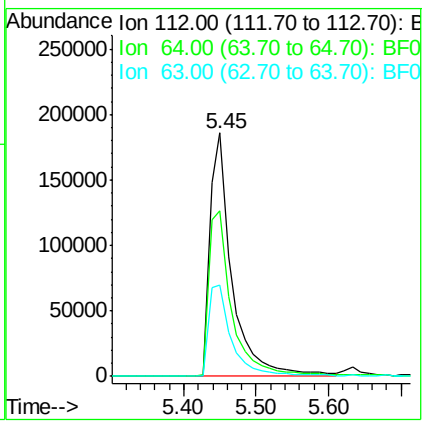


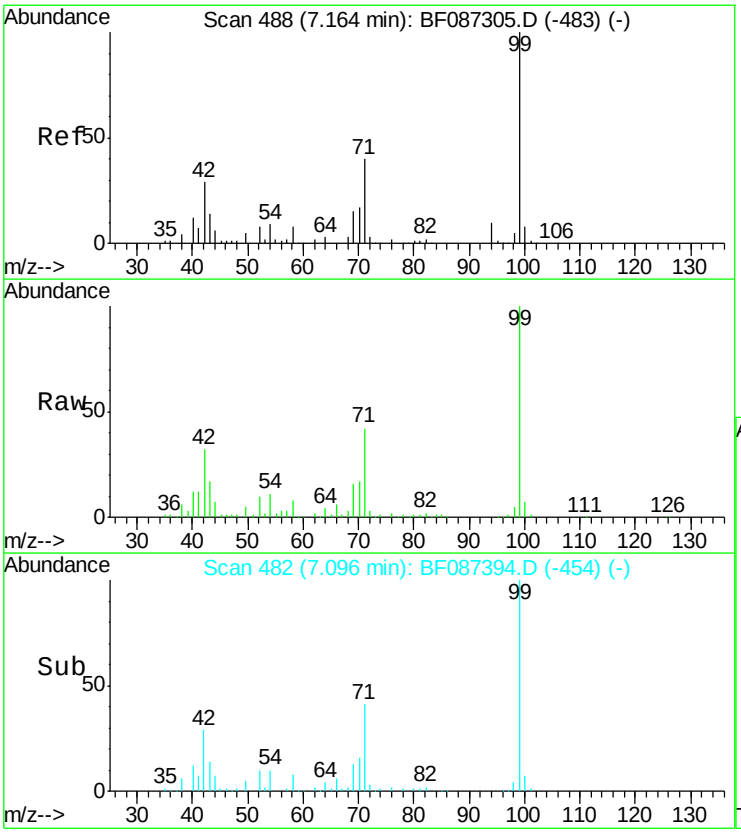
#5
2-Fluorophenol
Concen: 66.29 ng
RT: 5.45 min Scan# 338
Delta R.T. 0.03 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Instrument :
BNA_F
ClientSampleId :
VE3-1

Tgt Ion:112 Resp: 388710

Ion	Ratio	Lower	Upper
112	100		
64	67.9	52.1	78.1
63	37.7	25.7	38.5

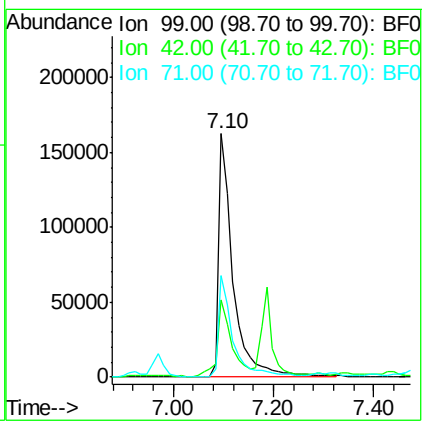


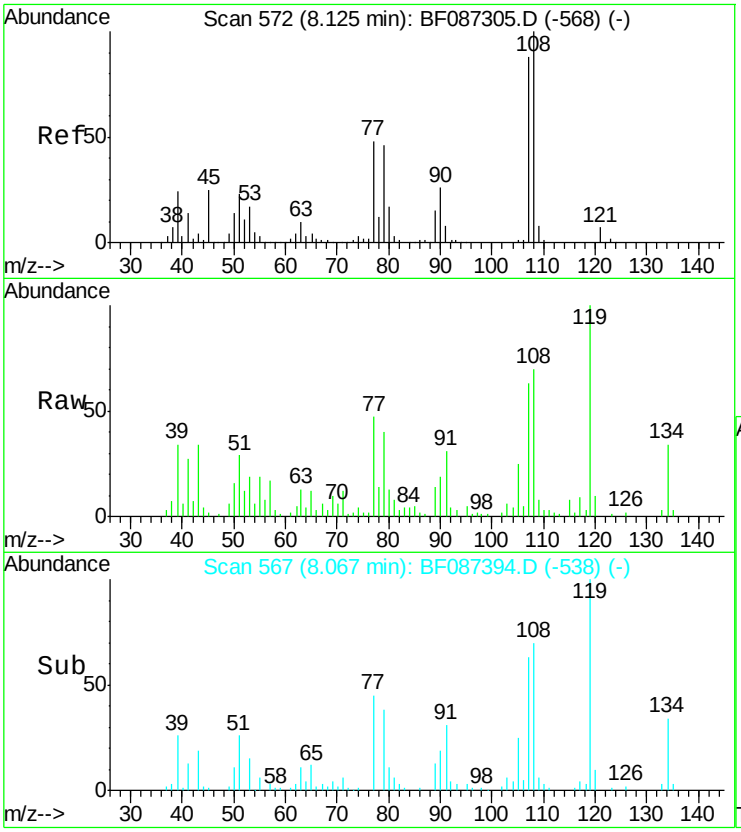


#7
Phenol-d6
Concen: 40.94 ng
RT: 7.10 min Scan# 482
Delta R.T. 0.02 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Tgt Ion: 99 Resp: 324383

Ion	Ratio	Lower	Upper
99	100		
42	31.6	13.6	20.4#
71	42.0	24.6	36.8#



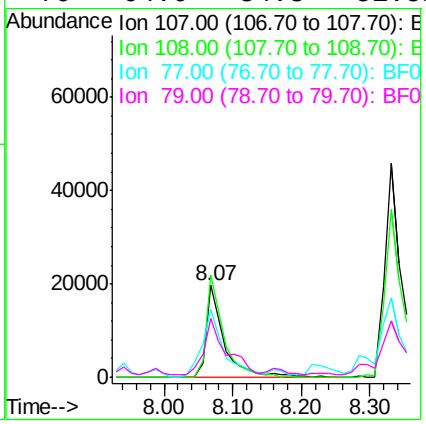


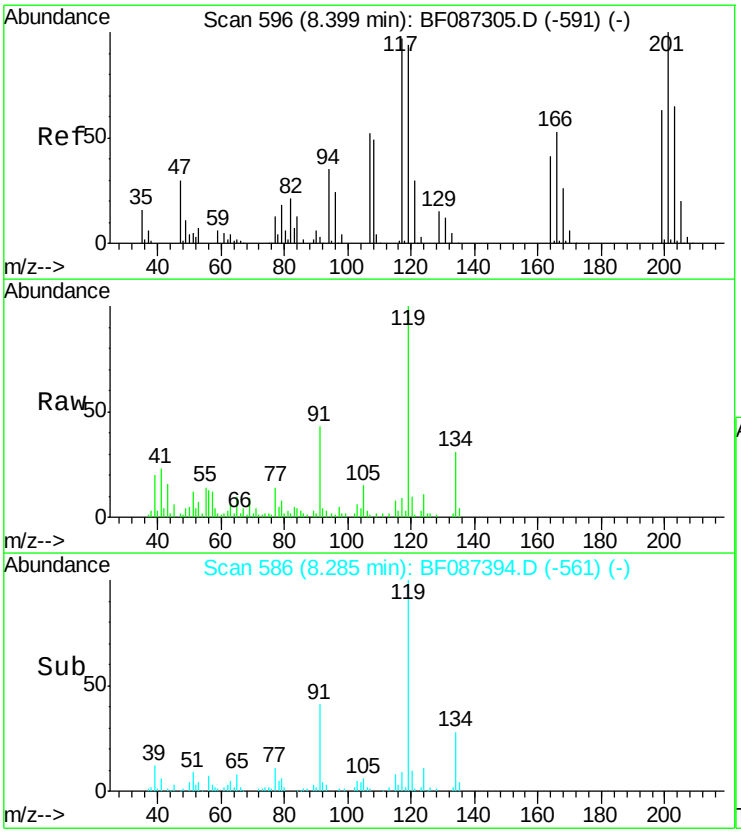
#17
2-Methylphenol
Concen: 6.11 ng
RT: 8.07 min Scan# 567
Delta R.T. 0.03 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Instrument :
BNA_F
ClientSampleId :
VE3-1

Tgt Ion:107 Resp: 35804

Ion	Ratio	Lower	Upper
107	100		
108	111.5	93.7	140.5
77	74.3	33.4	50.0#
79	64.0	34.3	51.5#

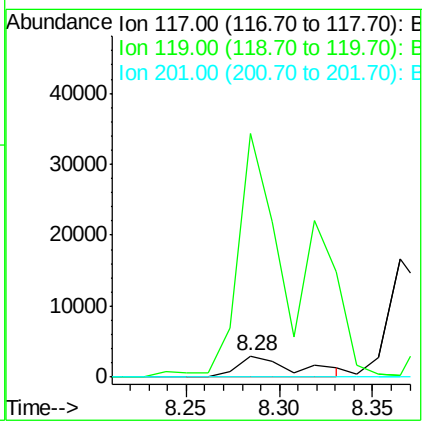


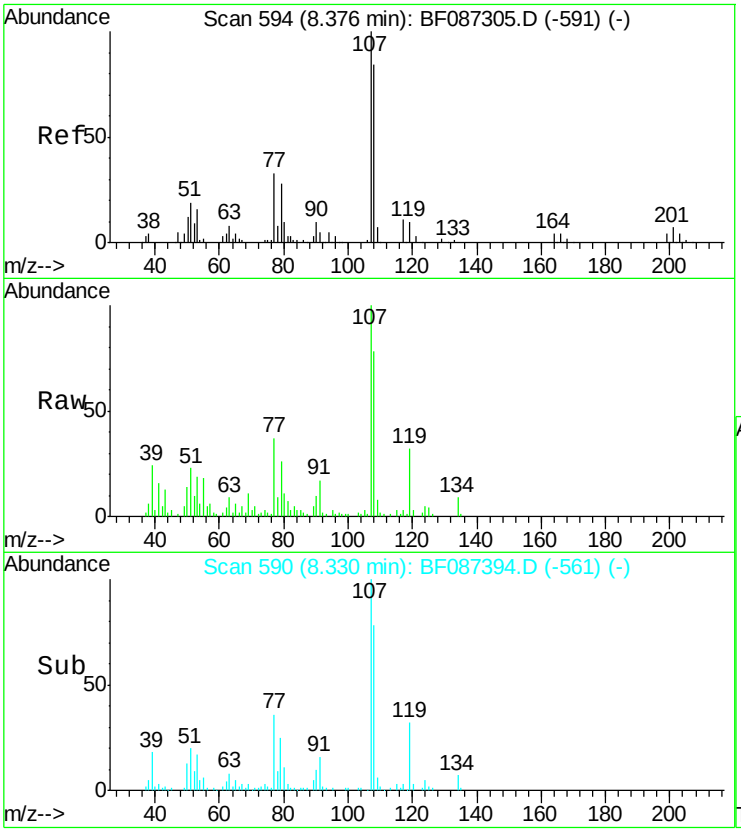


#18
Hexachloroethane
Concen: 2.14 ng
RT: 8.28 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Tgt Ion:117 Resp: 6532

Ion	Ratio	Lower	Upper
117	100		
119	1159.1	76.5	114.7#
201	0.0	63.0	94.6#



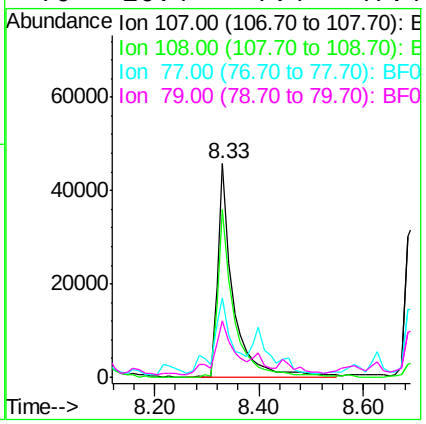


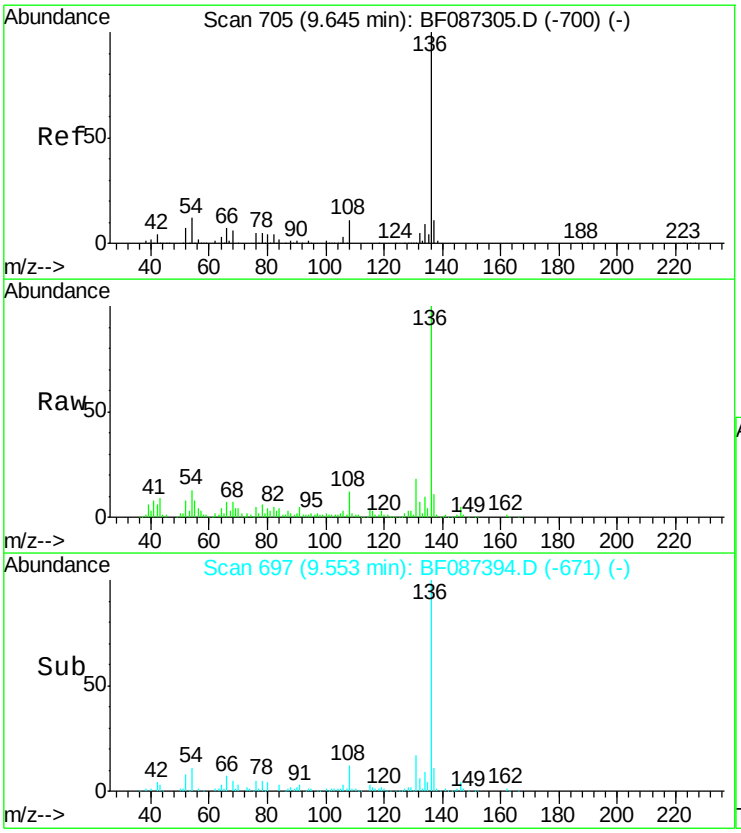
#20
3+4-Methylphenols
Concen: 13.30 ng
RT: 8.33 min Scan# 590
Delta R.T. 0.03 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Instrument :
BNA_F
ClientSampleId :
VE3-1

Tgt Ion:107 Resp: 94265

Ion	Ratio	Lower	Upper
107	100		
108	78.4	68.5	108.5
77	37.4	101.6	141.6#
79	26.4	7.4	47.4

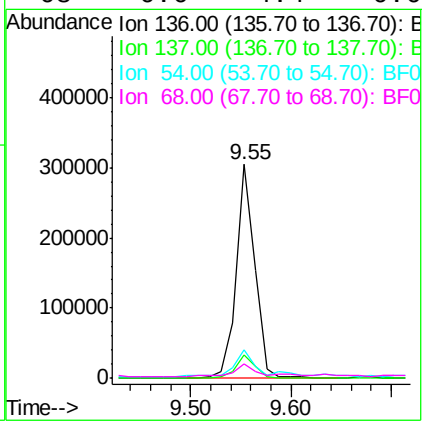


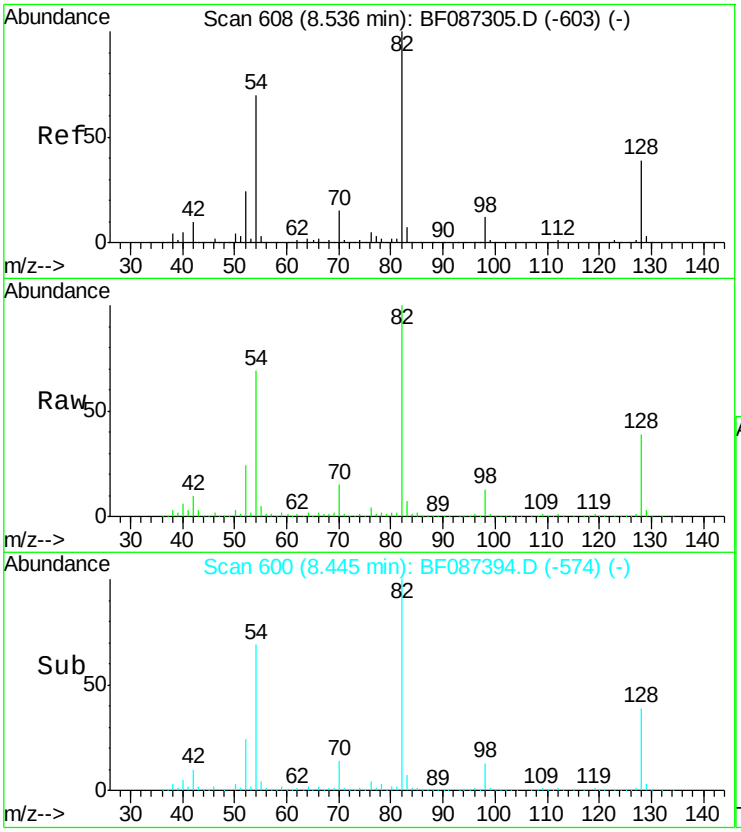


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.55 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Tgt Ion:136 Resp: 389347

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	12.9	5.0	7.4#
68	6.6	4.4	6.6



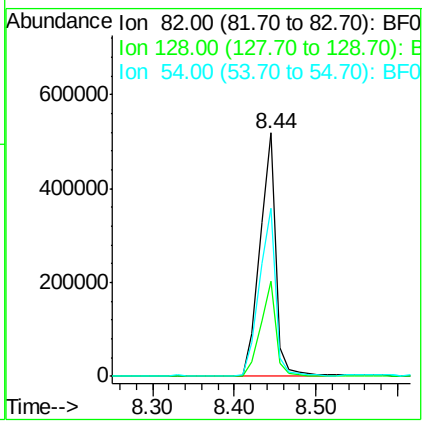


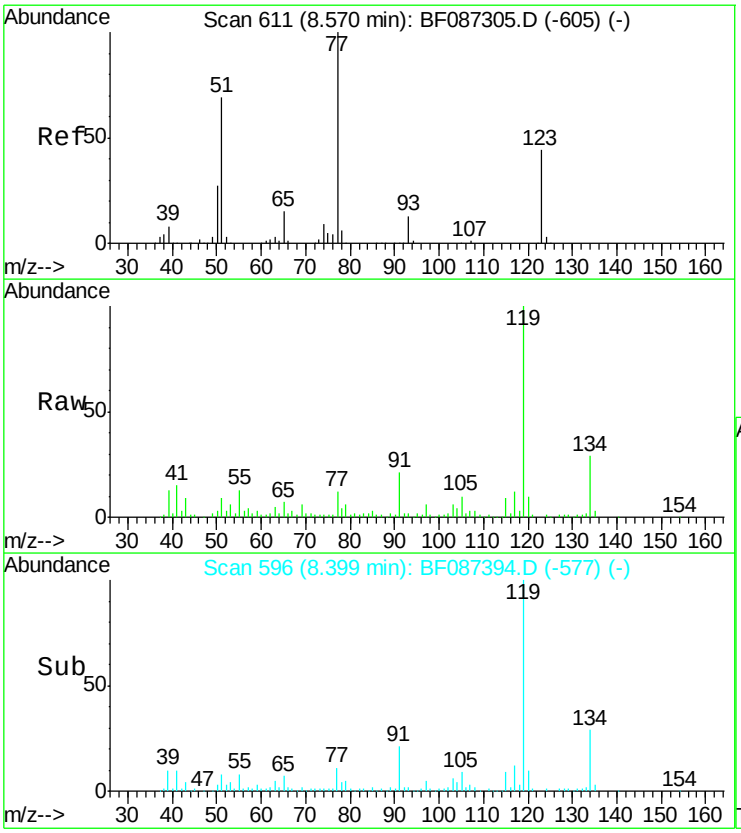
#23
Nitrobenzene-d5
Concen: 91.48 ng
RT: 8.44 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Instrument :
BNA_F
ClientSampleId :
VE3-1

Tgt Ion: 82 Resp: 706752

Ion	Ratio	Lower	Upper
82	100		
128	39.0	40.6	61.0#
54	69.2	38.1	57.1#

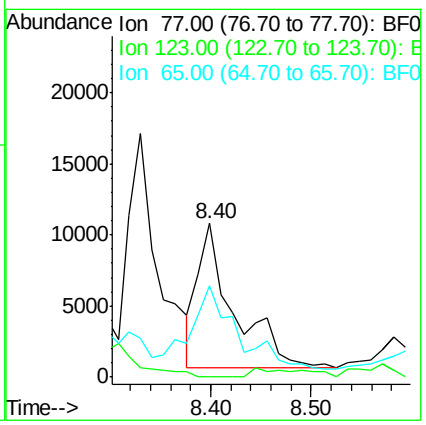


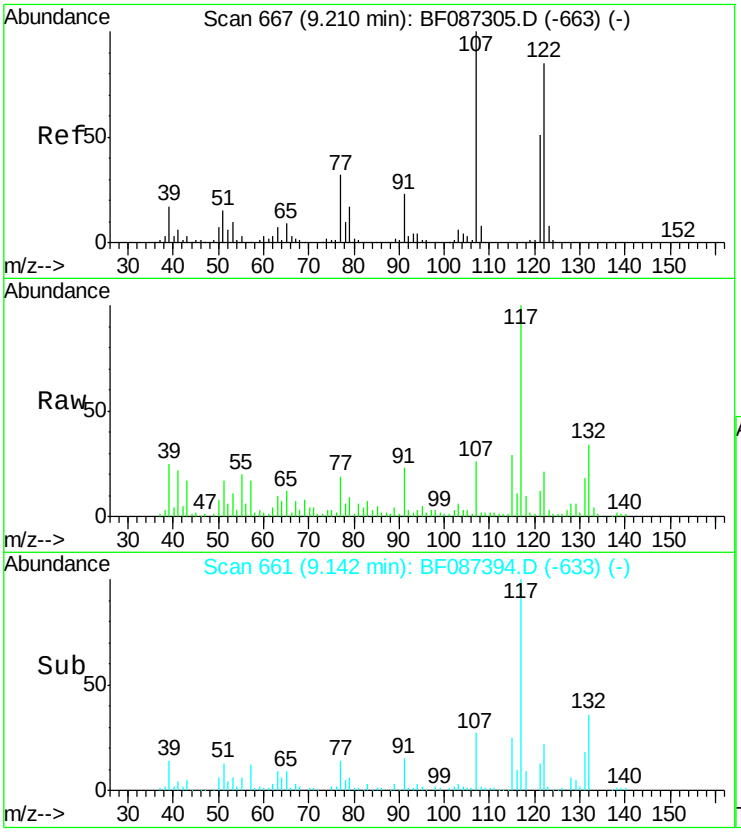


#24
Nitrobenzene
Concen: 3.09 ng
RT: 8.40 min Scan# 596
Delta R.T. -0.08 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Tgt Ion: 77 Resp: 25216

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.4#
65	59.3	10.8	16.2#



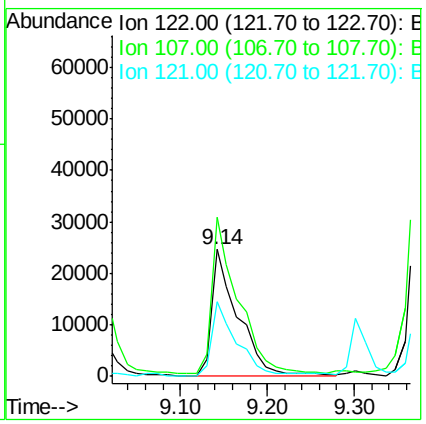


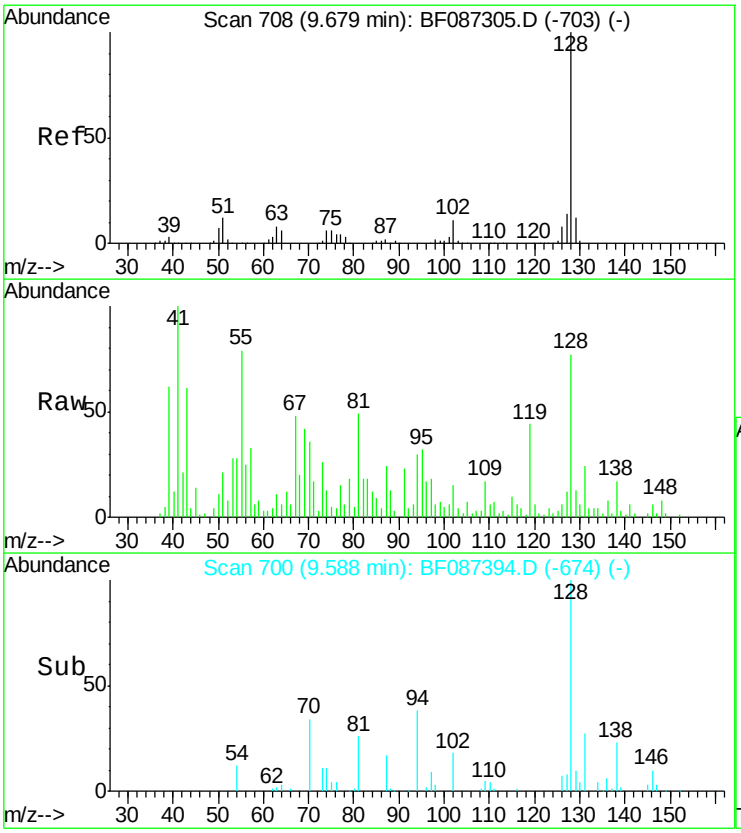
#27
2,4-Dimethylphenol
Concen: 9.15 ng
RT: 9.14 min Scan# 661
Delta R.T. 0.02 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Instrument :
BNA_F
ClientSampleId :
VE3-1

Tgt Ion:122 Resp: 52971

Ion	Ratio	Lower	Upper
122	100		
107	125.9	82.0	123.0#
121	59.2	46.1	69.1

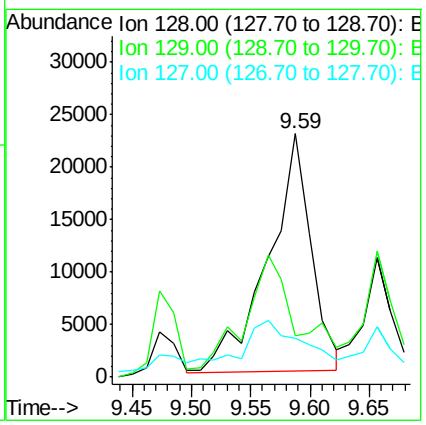


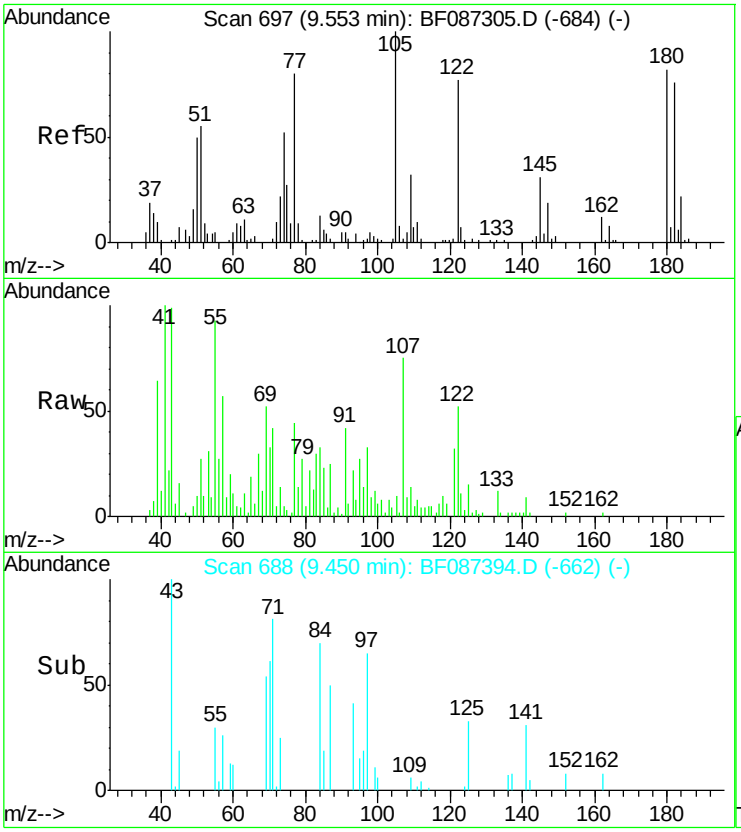


#31
Naphthalene
Concen: 2.94 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Tgt Ion:128 Resp: 57342

Ion	Ratio	Lower	Upper
128	100		
129	16.9	8.6	13.0#
127	16.1	10.8	16.2



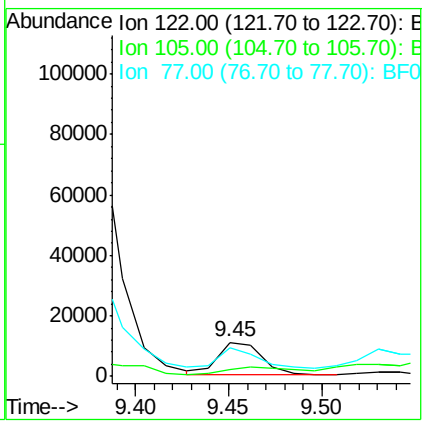


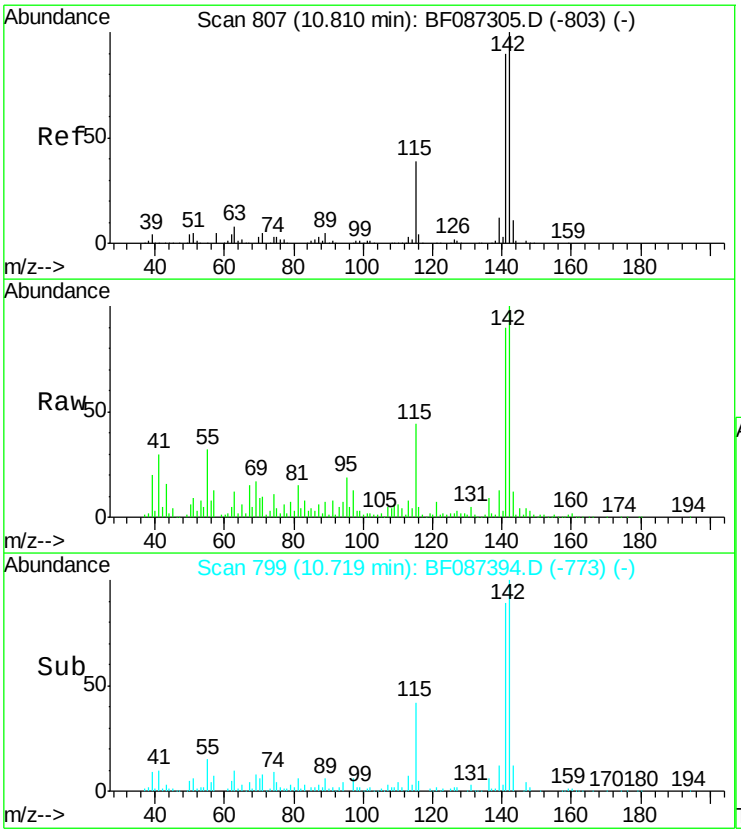
#32
Benzoic acid
Concen: 11.06 ng
RT: 9.45 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Instrument :
BNA_F
ClientSampleId :
VE3-1

Tgt Ion:122 Resp: 17762

Ion	Ratio	Lower	Upper
122	100		
105	18.2	92.6	132.6#
77	83.5	60.0	100.0

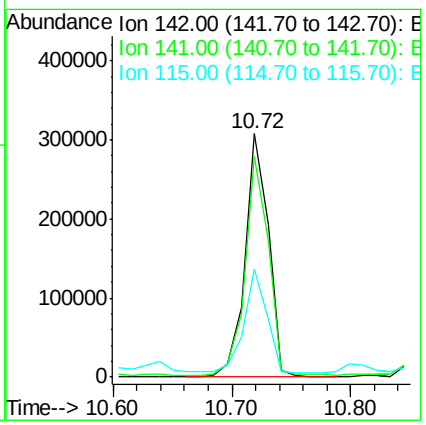


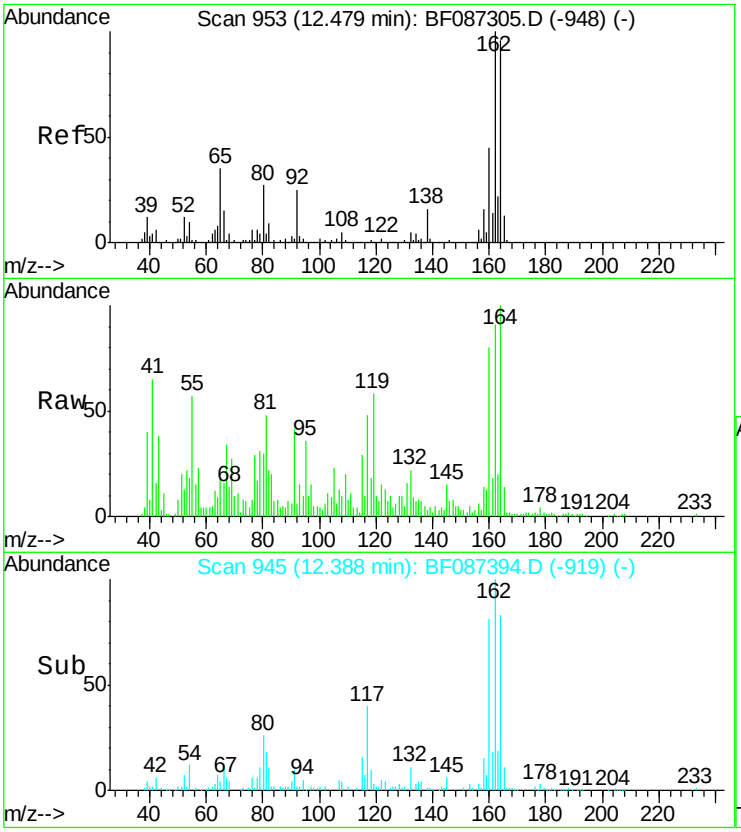


#37
2-Methylnaphthalene
Concen: 34.67 ng
RT: 10.72 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Tgt Ion:142 Resp: 422582

Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.0	106.6
115	44.3	26.6	39.8#



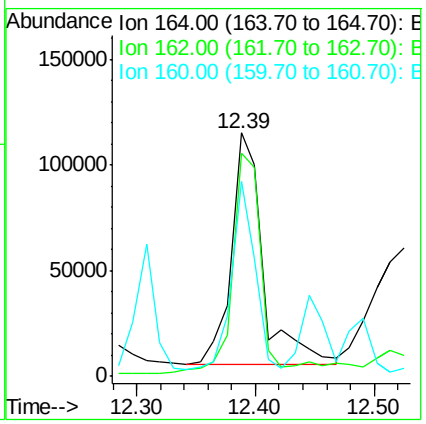


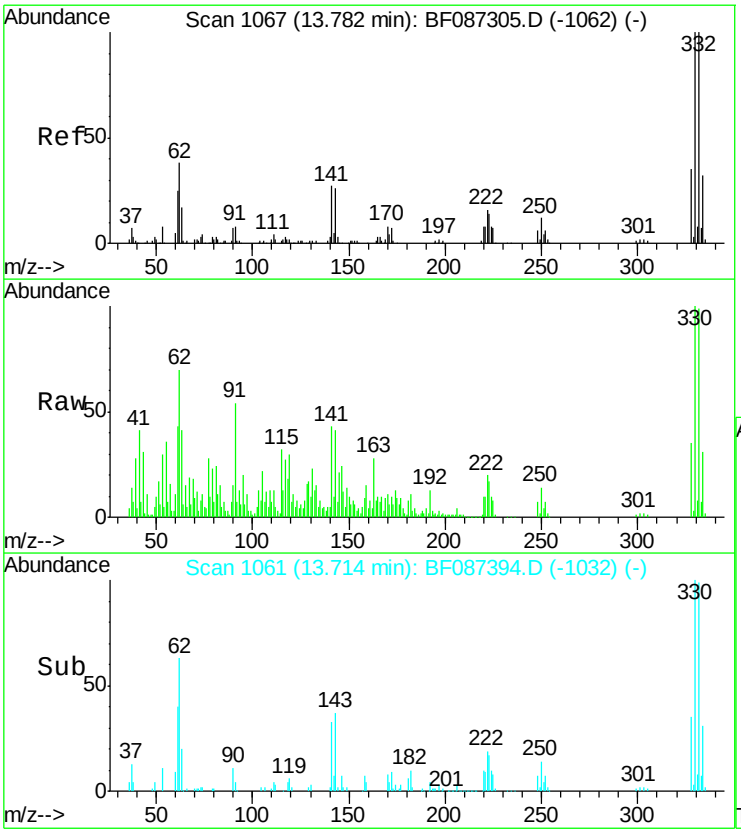
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.39 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Instrument :
BNA_F
ClientSampleId :
VE3-1

Tgt Ion:164 Resp: 205117

Ion	Ratio	Lower	Upper
164	100		
162	91.4	82.8	124.2
160	79.9	36.9	55.3#

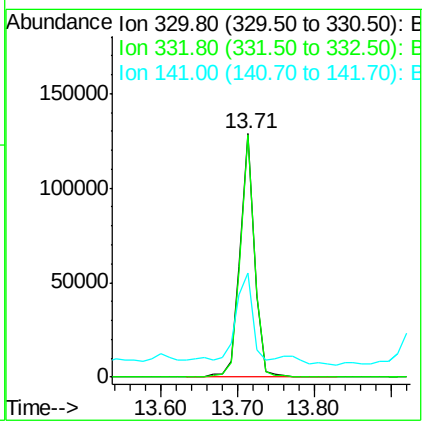


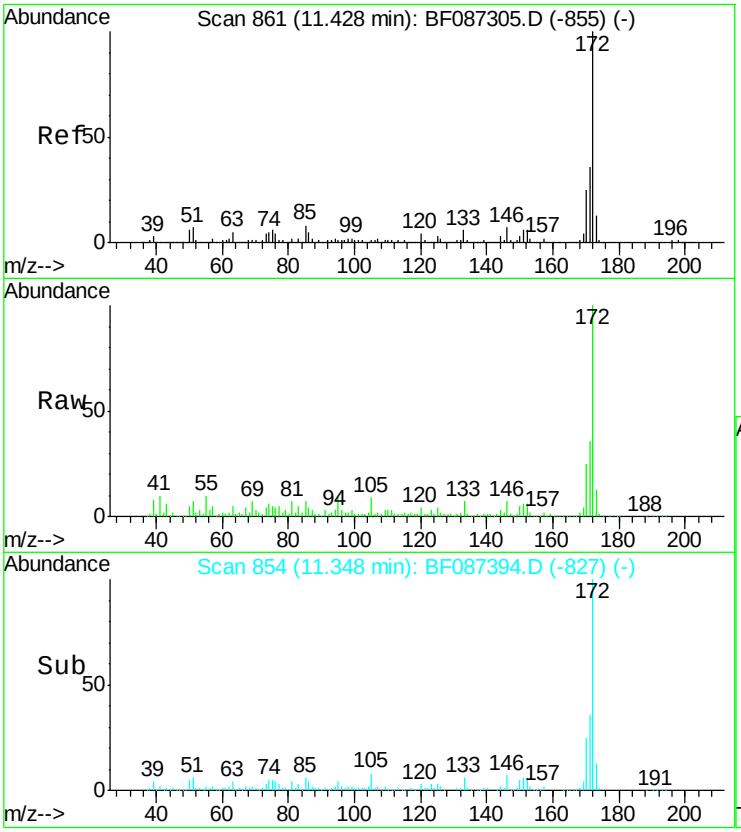


#41
2,4,6-Tribromophenol
Concen: 86.61 ng
RT: 13.71 min Scan# 1061
Delta R.T. 0.03 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Tgt Ion:330 Resp: 170722

Ion	Ratio	Lower	Upper
330	100		
332	98.1	79.0	118.4
141	40.2	31.2	46.8



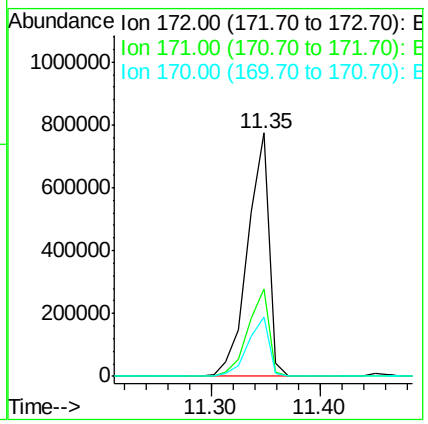


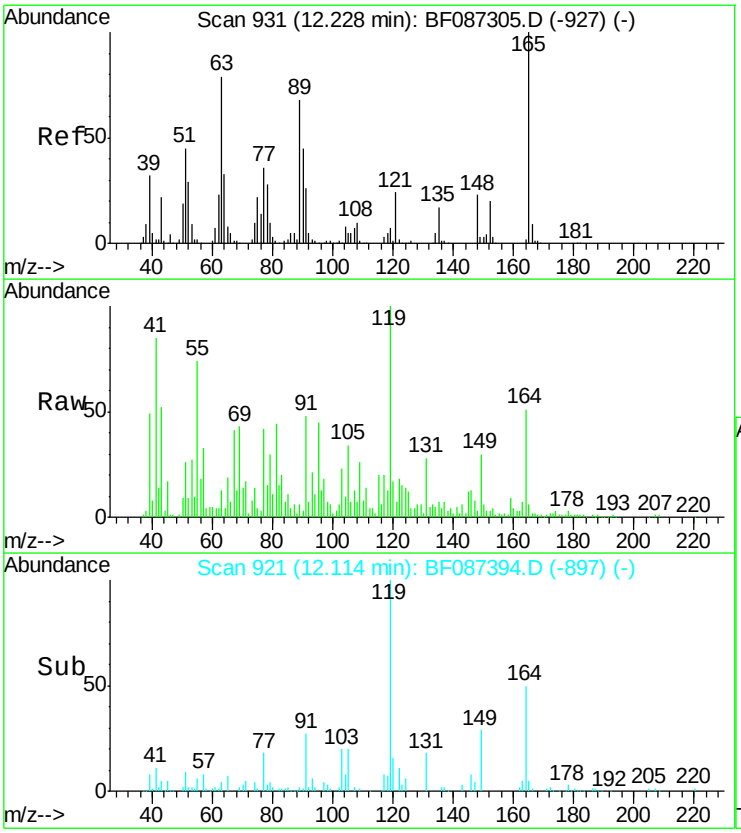
#44
2-Fluorobiphenyl
Concen: 72.64 ng
RT: 11.35 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Instrument :
BNA_F
ClientSampleId :
VE3-1

Tgt Ion:172 Resp: 1056824

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.6	19.8	29.8

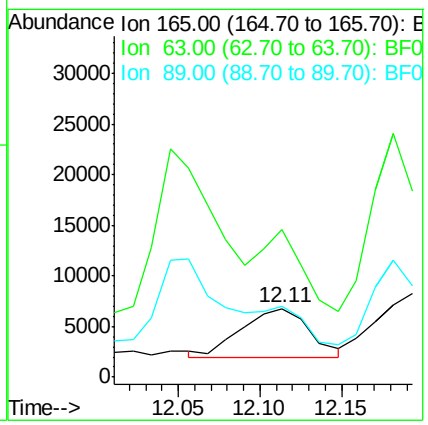


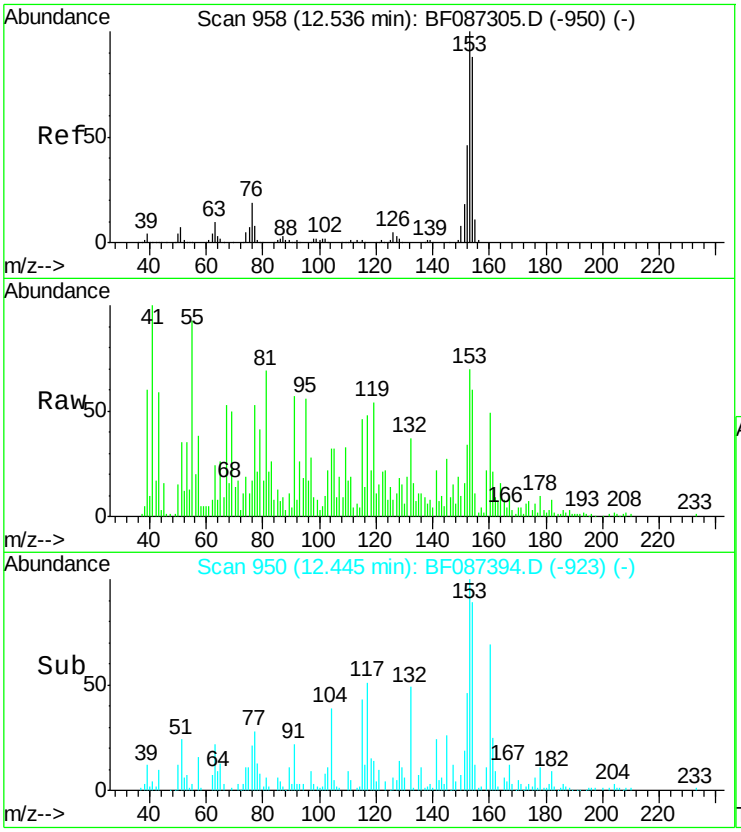


#50
2,6-Dinitrotoluene
Concen: 4.30 ng
RT: 12.11 min Scan# 921
Delta R.T. -0.02 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Tgt Ion:165 Resp: 14236

Ion	Ratio	Lower	Upper
165	100		
63	213.5	51.8	77.8#
89	103.4	50.7	76.1#



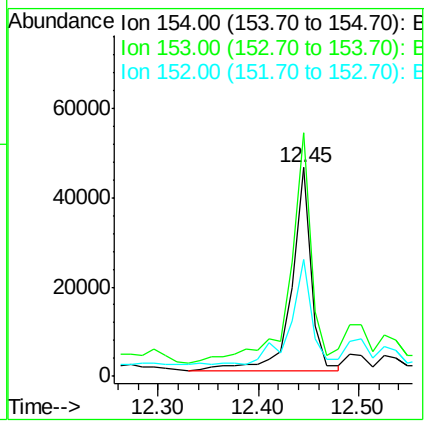


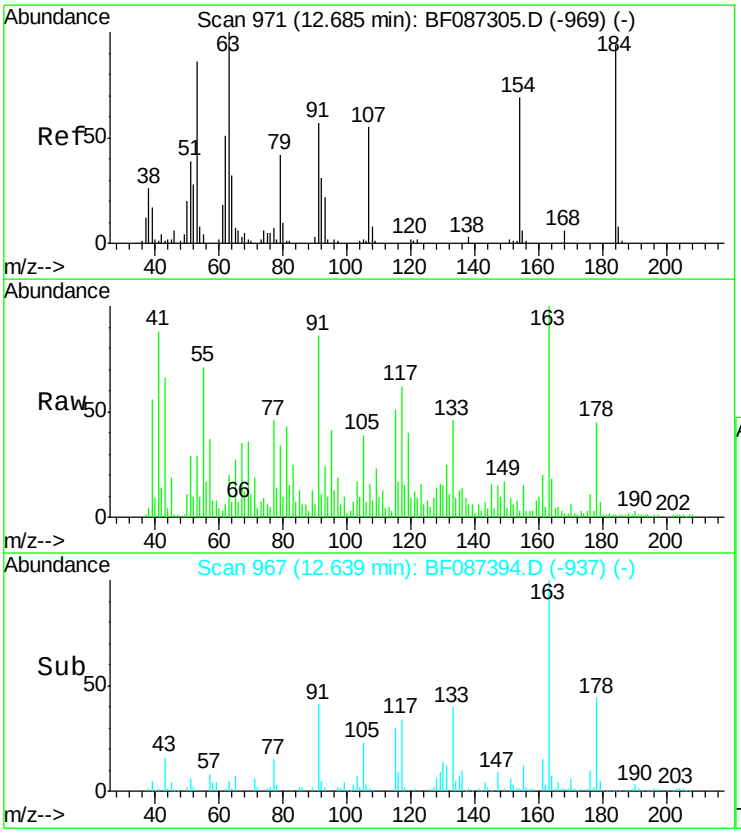
#51
Acenaphthene
Concen: 4.69 ng
RT: 12.45 min Scan# 950
Delta R.T. 0.01 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Instrument :
BNA_F
ClientSampleId :
VE3-1

Tgt Ion:154 Resp: 60338

Ion	Ratio	Lower	Upper
154	100		
153	116.6	89.8	134.6
152	56.2	43.4	65.0

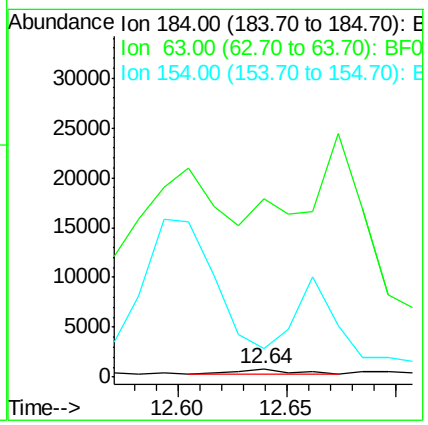


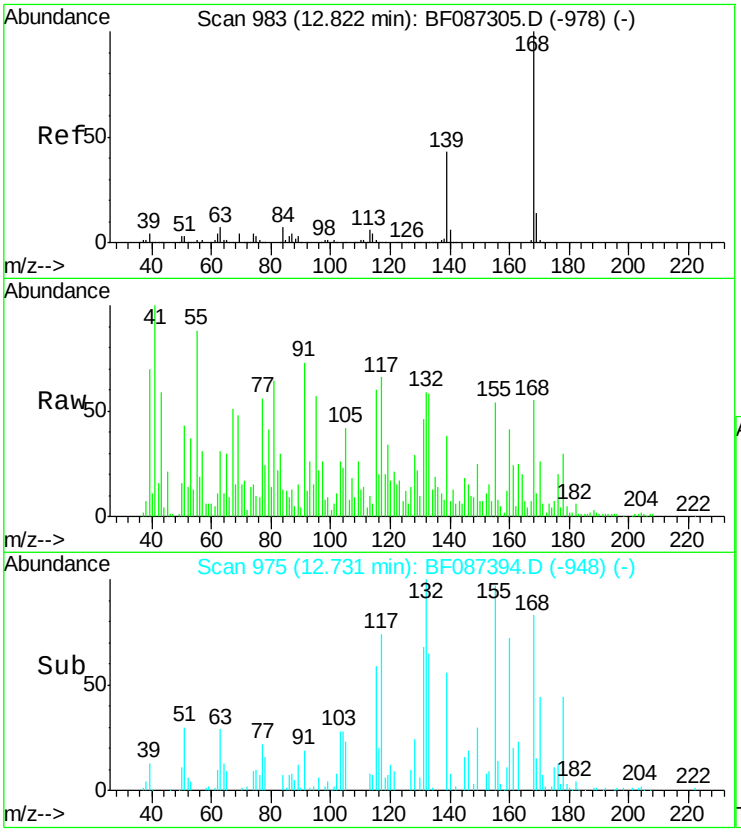


#53
2,4-Dinitrophenol
Concen: 7.03 ng
RT: 12.64 min Scan# 967
Delta R.T. 0.05 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Tgt Ion:184 Resp: 888

Ion	Ratio	Lower	Upper
184	100		
63	2104.7	55.8	83.8#
154	334.9	62.4	93.6#



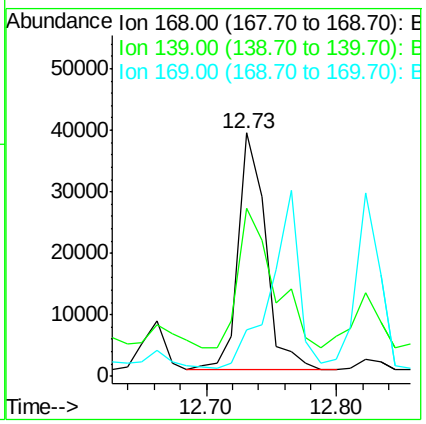


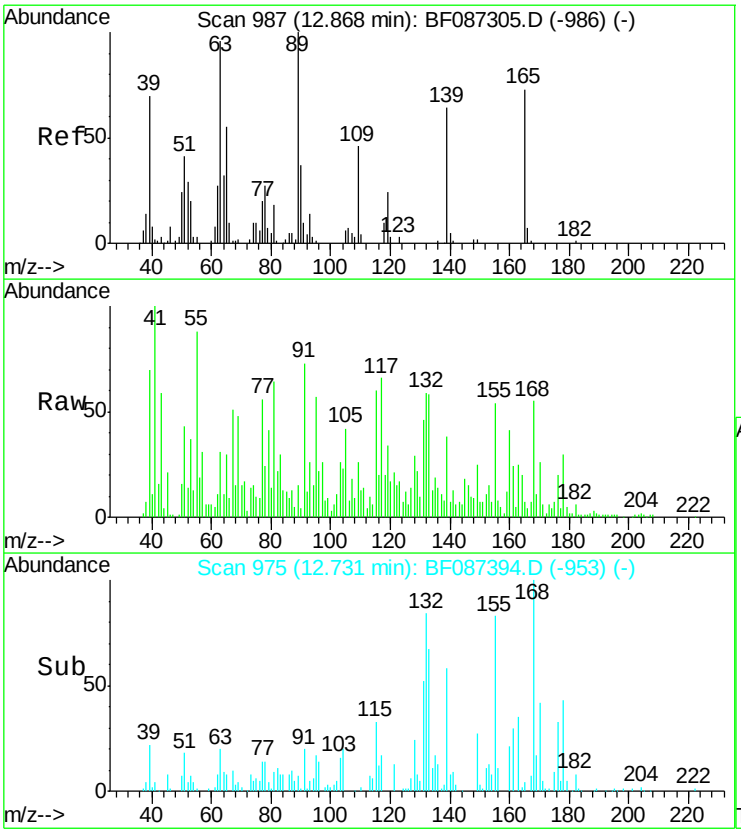
#54
Dibenzofuran
Concen: 3.23 ng
RT: 12.73 min Scan# 975
Delta R.T. 0.01 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Instrument :
BNA_F
ClientSampleId :
VE3-1

Tgt Ion:168 Resp: 56211

Ion	Ratio	Lower	Upper
168	100		
139	69.0	31.4	47.0#
169	19.1	10.7	16.1#

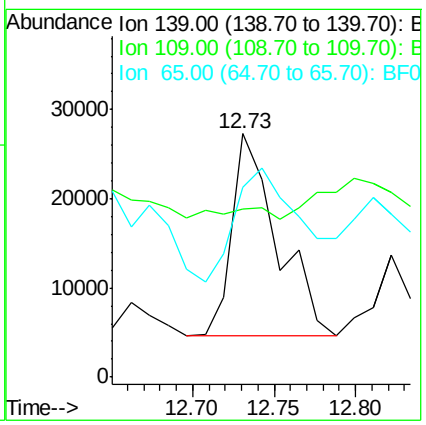


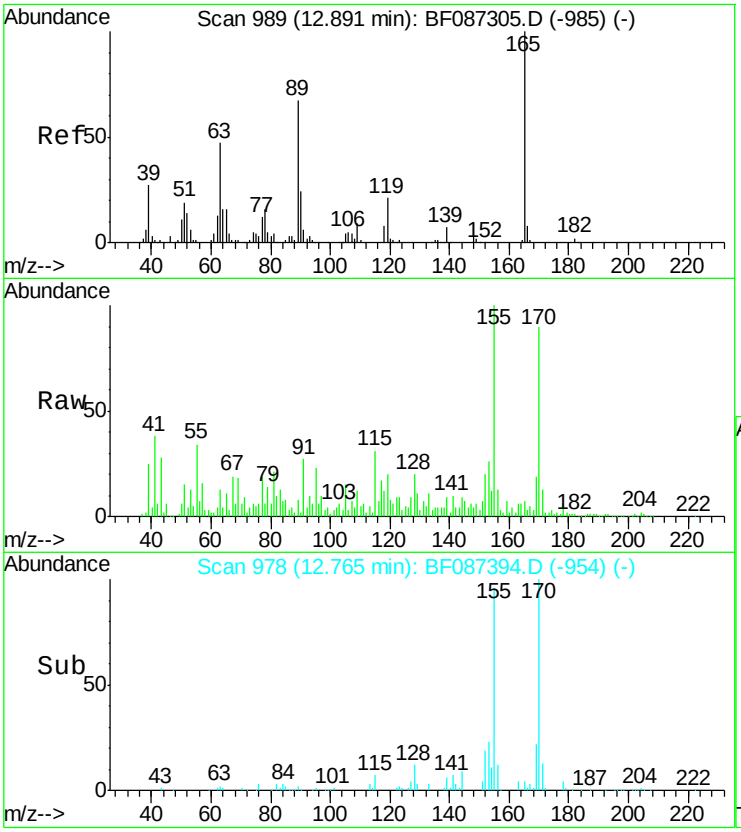


#55
4-Nitrophenol
Concen: 26.82 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.05 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Tgt Ion:139 Resp: 43476

Ion	Ratio	Lower	Upper
139	100		
109	69.3	36.9	76.9
65	78.0	64.0	104.0



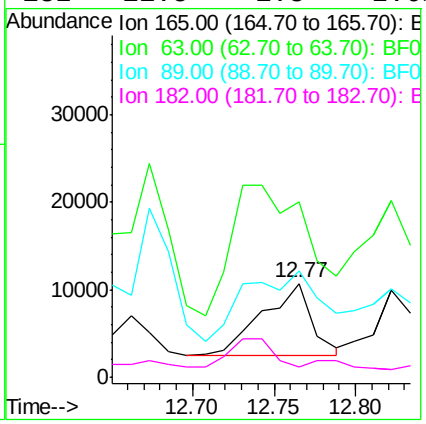


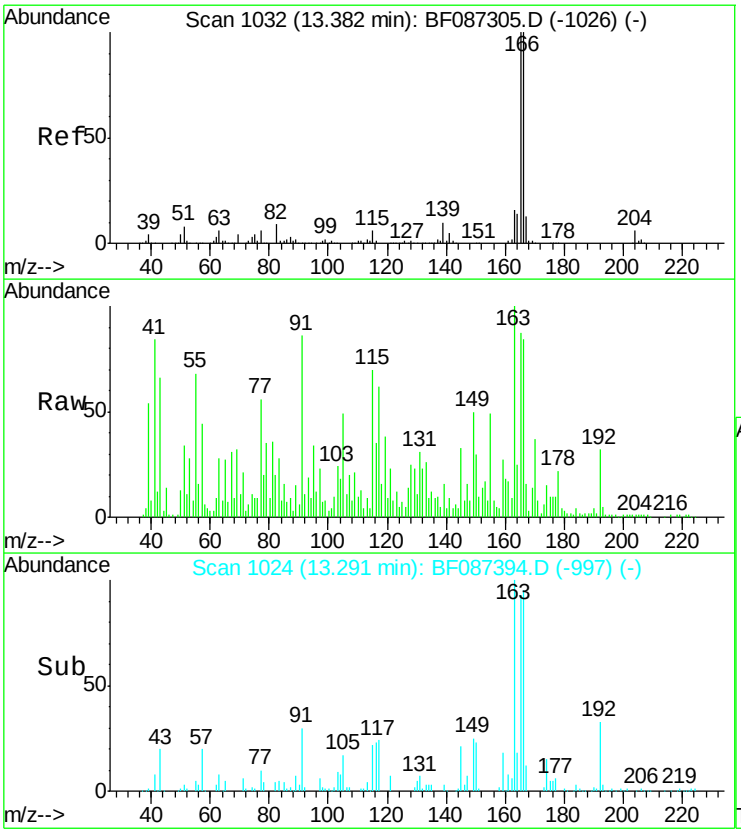
#56
2,4-Dinitrotoluene
Concen: 4.01 ng
RT: 12.77 min Scan# 978
Delta R.T. -0.02 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Instrument :
BNA_F
ClientSampleId :
VE3-1

Tgt Ion:165 Resp: 17734

Ion	Ratio	Lower	Upper
165	100		
63	185.8	44.3	66.5#
89	112.3	70.0	105.0#
182	11.5	1.8	2.6#

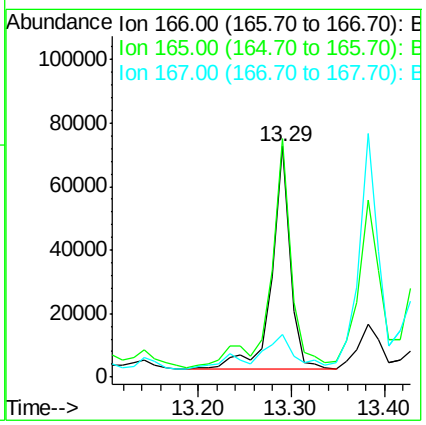


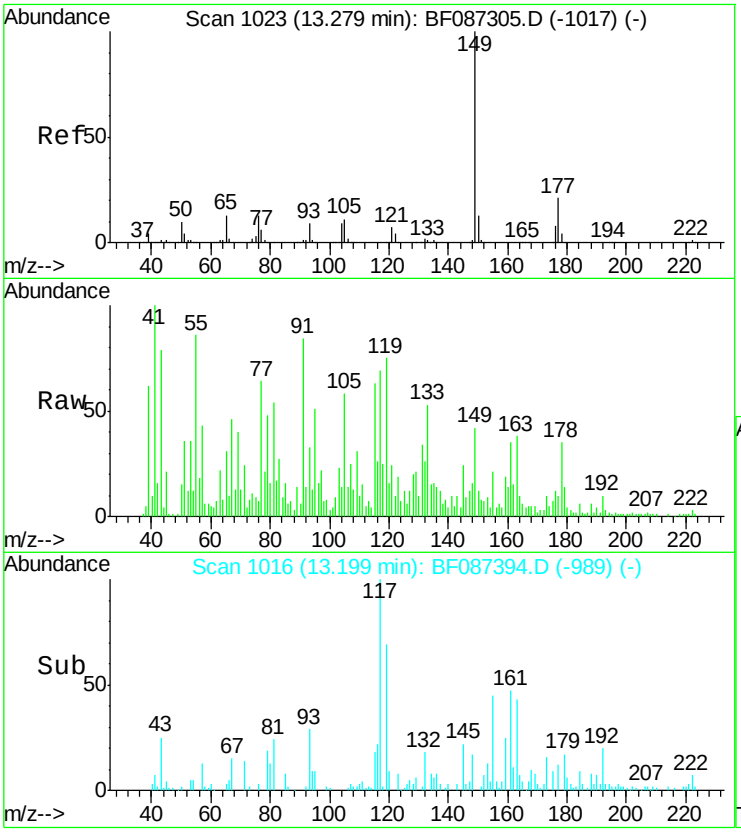


#57
Fluorene
Concen: 6.40 ng
RT: 13.29 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Tgt Ion:166 Resp: 96664

Ion	Ratio	Lower	Upper
166	100		
165	103.6	79.0	118.6
167	18.5	10.6	15.8#



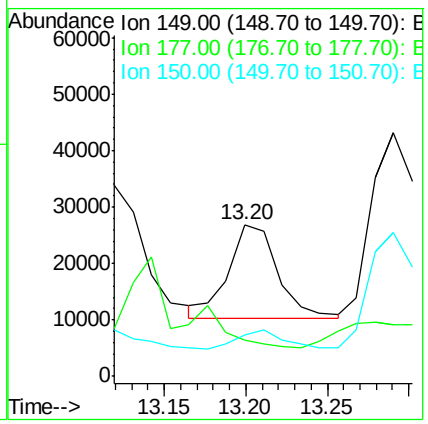


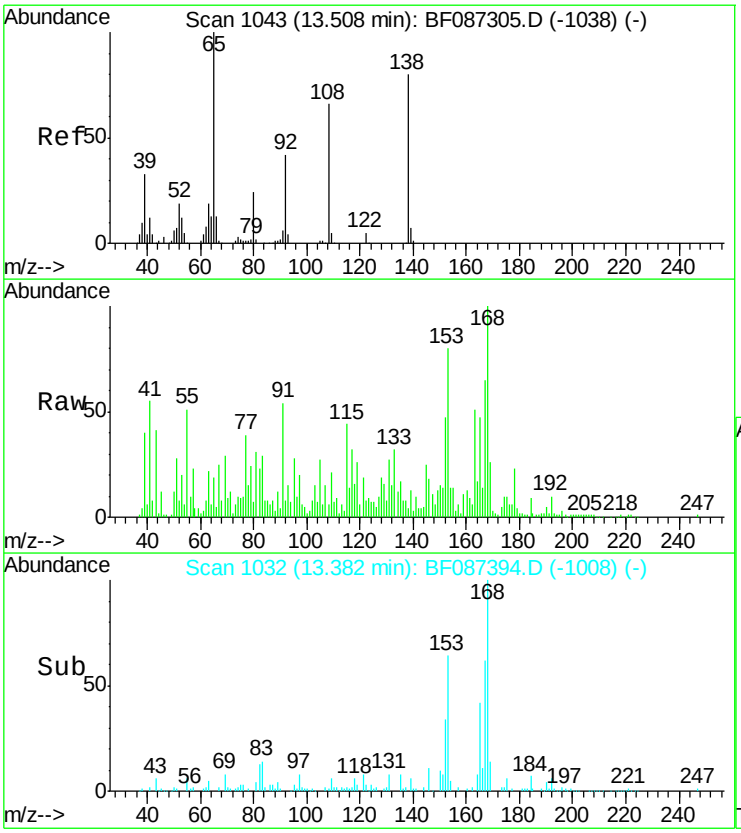
#59
Diethylphthalate
Concen: 2.18 ng
RT: 13.20 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Instrument :
BNA_F
ClientSampleId :
VE3-1

Tgt Ion:149 Resp: 34888

Ion	Ratio	Lower	Upper
149	100		
177	23.9	16.6	24.8
150	27.7	10.0	15.0#

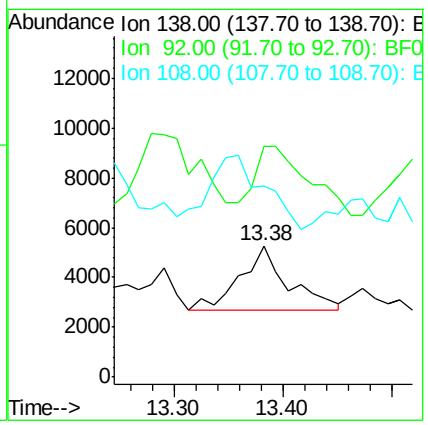


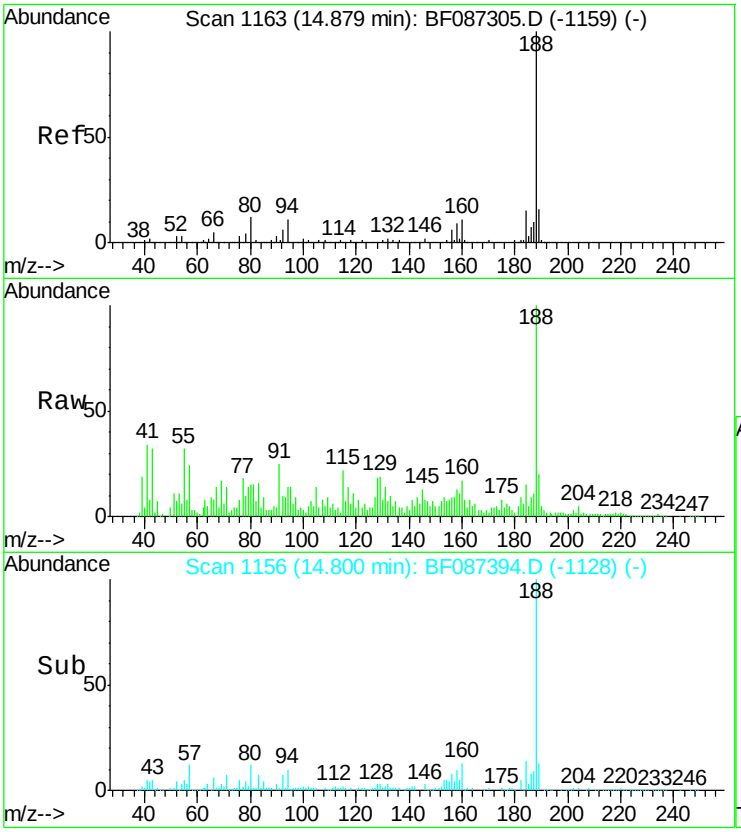


#61
4-Nitroaniline
Concen: 2.53 ng
RT: 13.38 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Tgt Ion:138 Resp: 8011

Ion	Ratio	Lower	Upper
138	100		
92	176.1	24.7	64.7#
108	146.1	37.4	77.4#



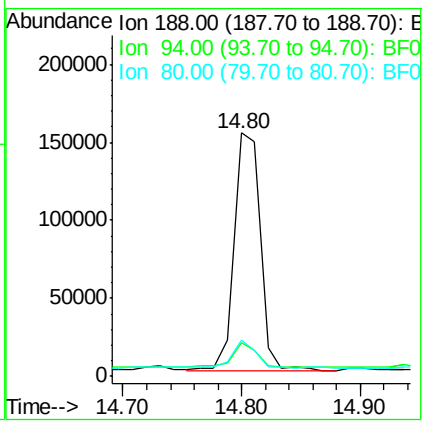


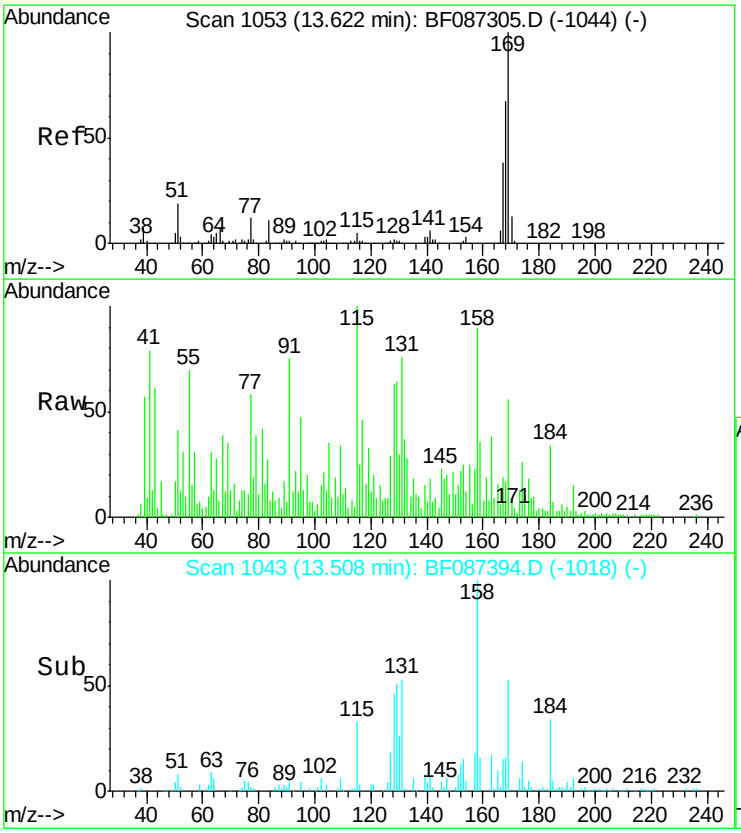
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 1156
Delta R.T. 0.02 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Instrument :
BNA_F
ClientSampleId :
VE3-1

Tgt Ion:188 Resp: 233284

Ion	Ratio	Lower	Upper
188	100		
94	14.0	6.8	10.2#
80	15.1	7.1	10.7#

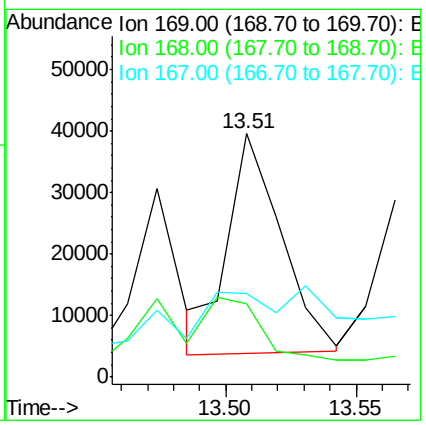


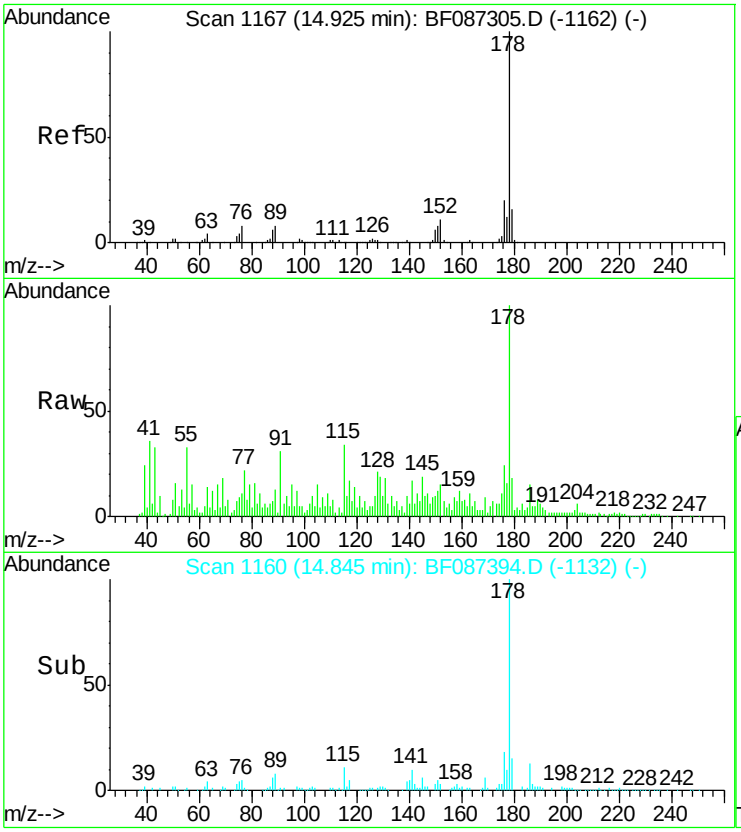


#65
n-Nitrosodiphenylamine
Concen: 6.81 ng
RT: 13.51 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Tgt Ion:169 Resp: 51356

Ion	Ratio	Lower	Upper
169	100		
168	30.2	53.8	80.6#
167	34.1	29.5	44.3



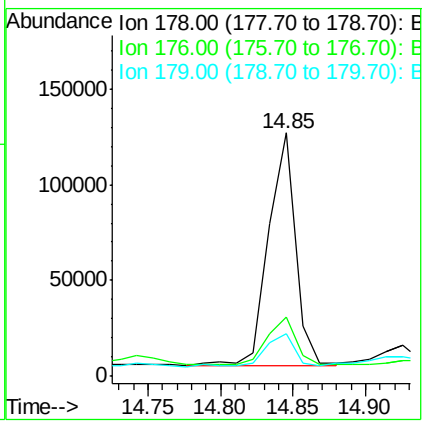


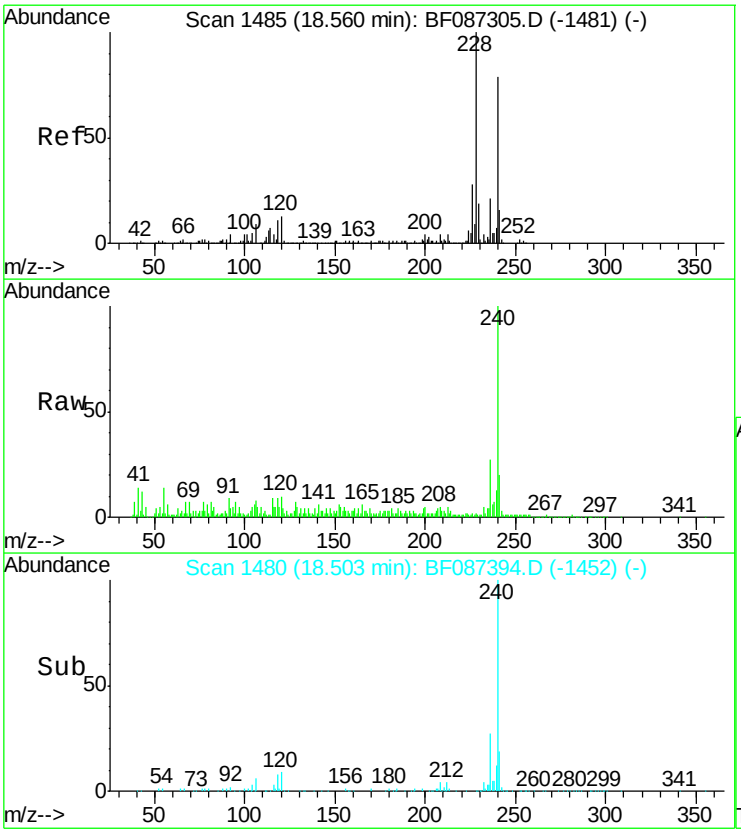
#70
Phenanthrene
Concen: 12.15 ng
RT: 14.85 min Scan# 1160
Delta R.T. 0.02 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Instrument :
BNA_F
ClientSampleId :
VE3-1

Tgt Ion:178 Resp: 156939

Ion	Ratio	Lower	Upper
178	100		
176	24.4	16.0	24.0#
179	17.8	12.6	18.8

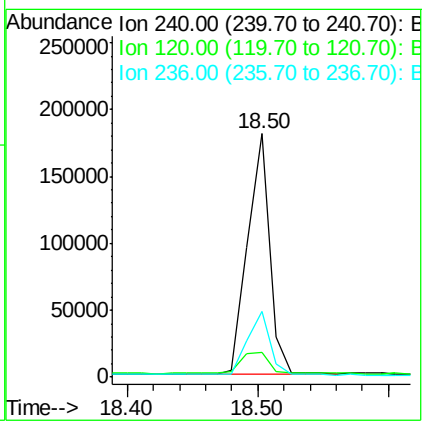


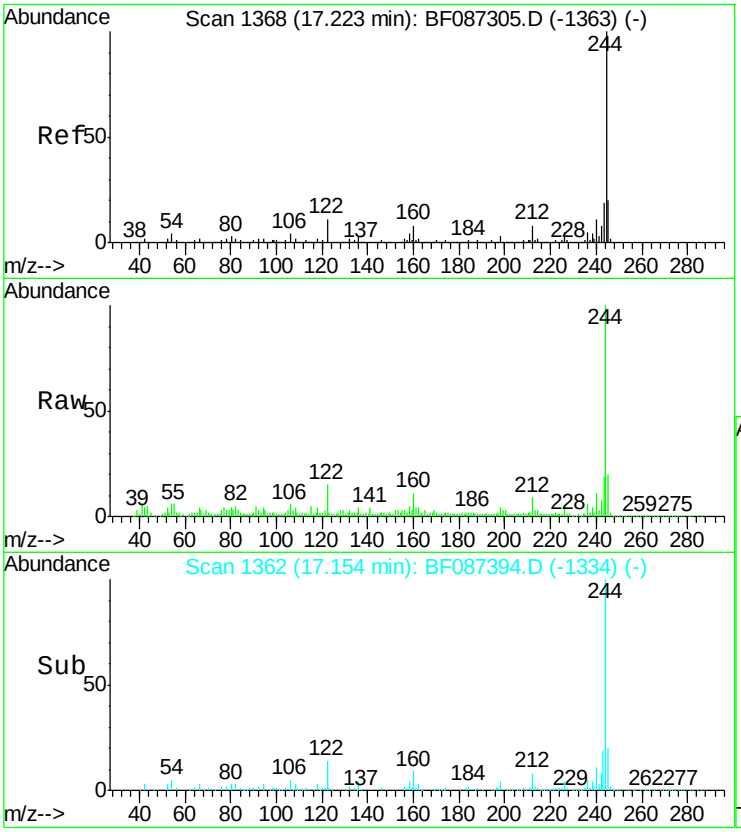


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.50 min Scan# 1480
Delta R.T. 0.02 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Tgt Ion:240 Resp: 212693

Ion	Ratio	Lower	Upper
240	100		
120	10.4	11.2	16.8#
236	27.2	21.2	31.8



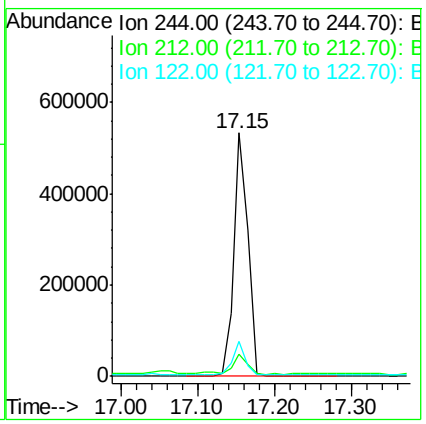


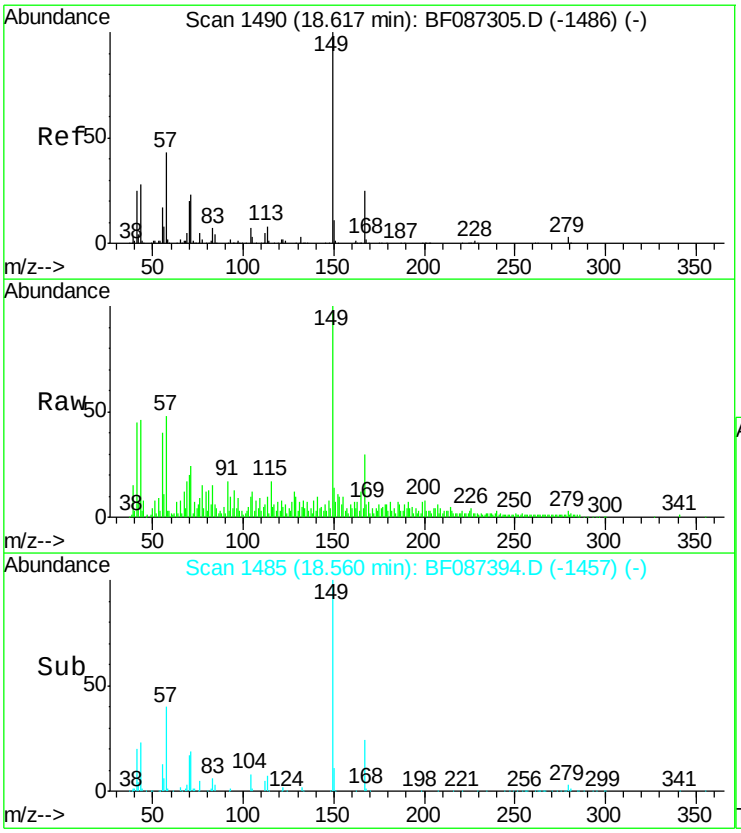
#78
Terphenyl-d14
Concen: 68.81 ng
RT: 17.15 min Scan# 1362
Delta R.T. 0.02 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Instrument :
BNA_F
ClientSampleId :
VE3-1

Tgt Ion:244 Resp: 688386

Ion	Ratio	Lower	Upper
244	100		
212	9.1	6.2	9.2
122	14.5	12.0	18.0

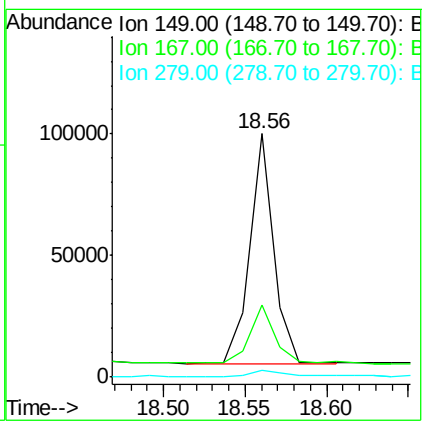


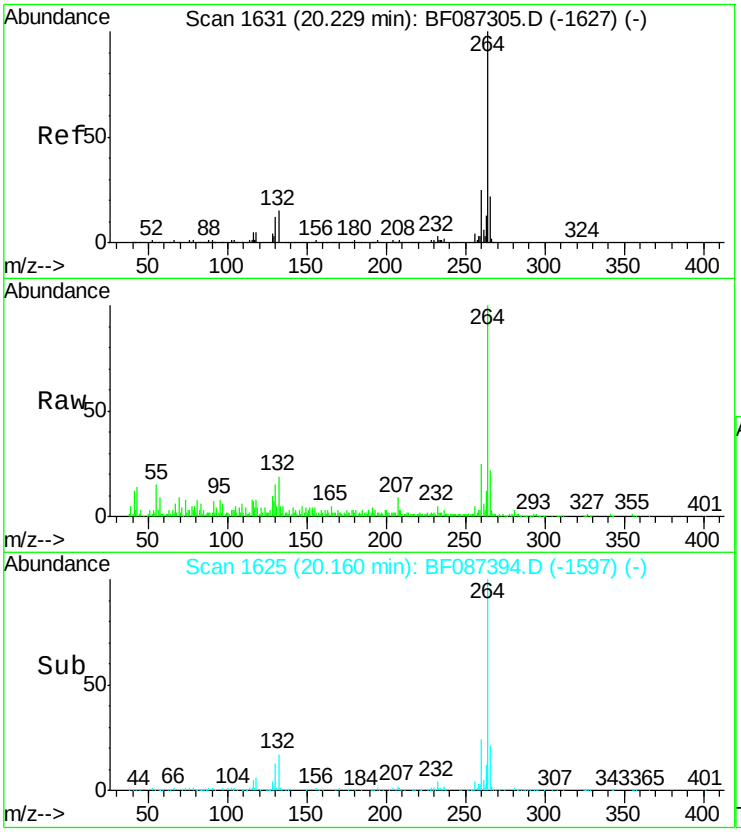


#83
Bis(2-ethylhexyl)phthalate
Concen: 9.68 ng
RT: 18.56 min Scan# 1485
Delta R.T. 0.02 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Tgt Ion:149 Resp: 95913

Ion	Ratio	Lower	Upper
149	100		
167	29.9	21.8	32.6
279	2.9	2.6	4.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.16 min Scan# 1625
Delta R.T. 0.02 min
Lab File: BF087394.D
Acq: 26 May 2016 4:11

Instrument :
BNA_F
ClientSampleId :
VE3-1

Tgt Ion:264 Resp: 143423

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.1	17.3	25.9