Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051716\
Data File : BF087124.D
Acq On : 18 May 2016 1:50
Operator : UM/SJ
Sample : H3100-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SVOC-TTO

Quant Time: May 18 03:37:20 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	139546	20.00	ng		-0.01
21) Naphthalene-d8	7.87	136	576741	20.00	ng		-0.02
38) Acenaphthene-d10	9.62	164	282068	20.00	ng		-0.02
63) Phenanthrene-d10	11.11	188	559590	20.00	ng		-0.01
75) Chrysene-d12	13.74	240	464026	20.00	ng		-0.02
86) Perylene-d12	15.09	264	382508	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	457126	55.06	ng		-0.02
7) Phenol-d6	6.25	99	439122	39.44	ng		-0.03
23) Nitrobenzene-d5	7.16	82	887875	76.72	ng		-0.02
41) 2,4,6-Tribromophenol	10.42	330	265751	85.26	ng		-0.02
44) 2-Fluorobiphenyl	8.96	172	1401657	82.30	ng		-0.02
78) Terphenyl-d14	12.70	244	1495896	72.92	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.19	77	623	Below Cal			92
19) n-Nitroso-di-n-propylamine	7.16	70	126573	14.95	ng	#	74
25) Isophorone	7.16	82	730949	34.50	ng	#	68
50) 2,6-Dinitrotoluene	9.62	165	35146	7.52	ng	#	21
56) 2,4-Dinitrotoluene	9.62	165	35146	5.87	ng	#	16
59) Diethylphthalate	10.06	149	70783	3.45	ng		99
66) 4-Bromophenyl-phenylether	10.42	248	15580	2.71	ng	#	1

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

Quantitation Report (Not Reviewed)

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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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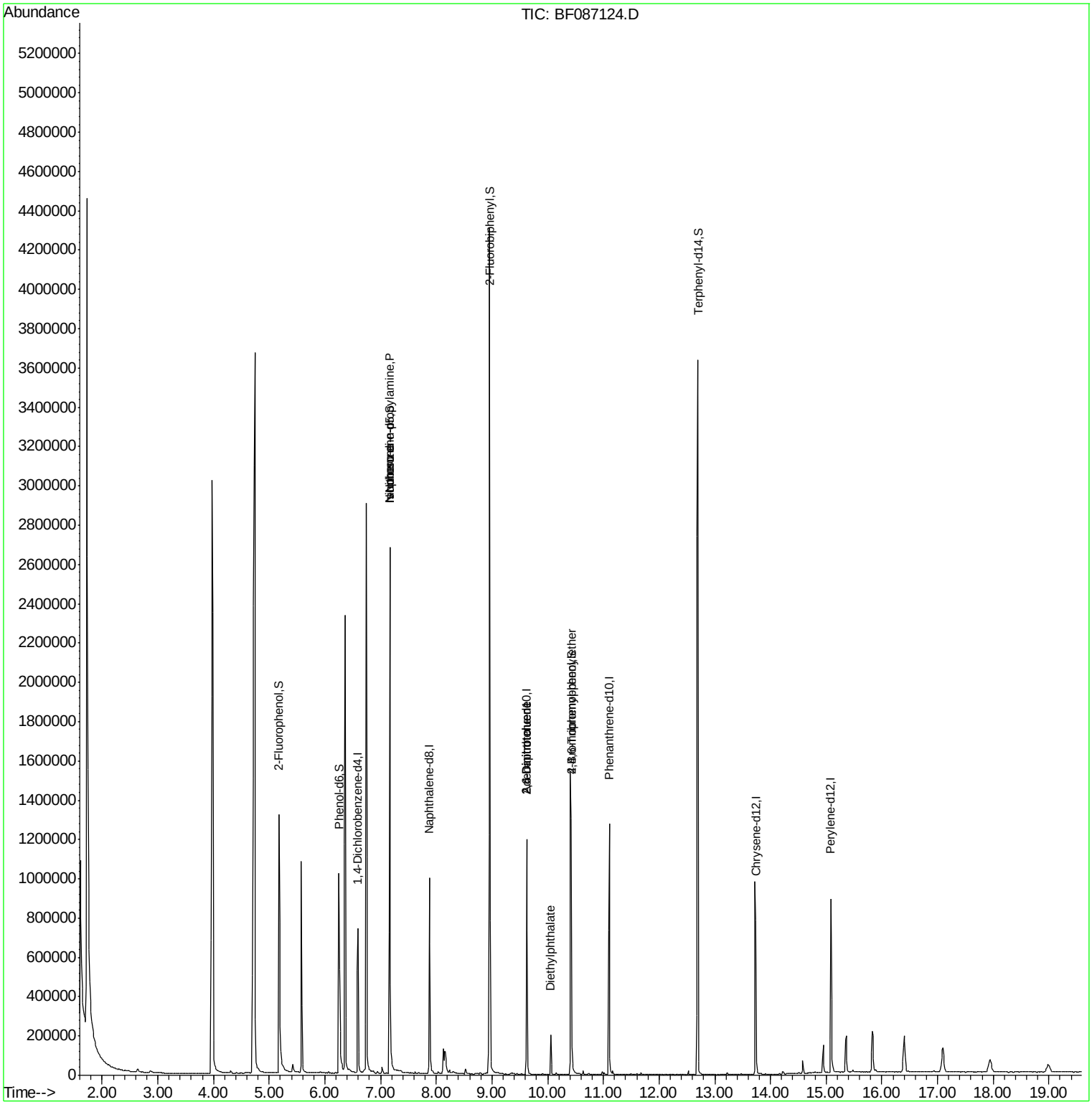
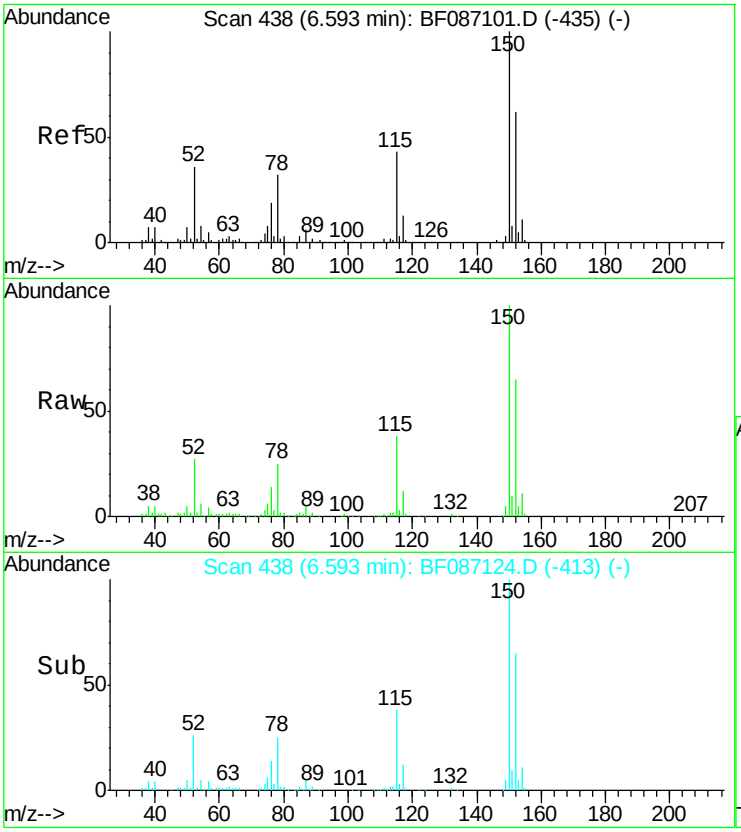


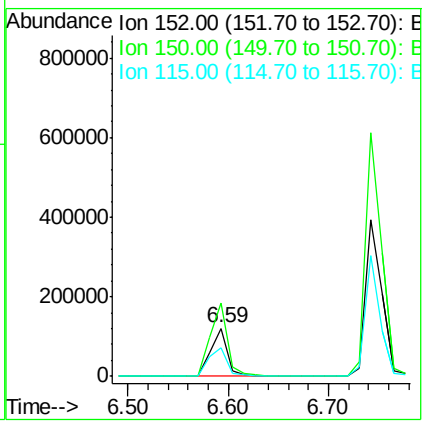


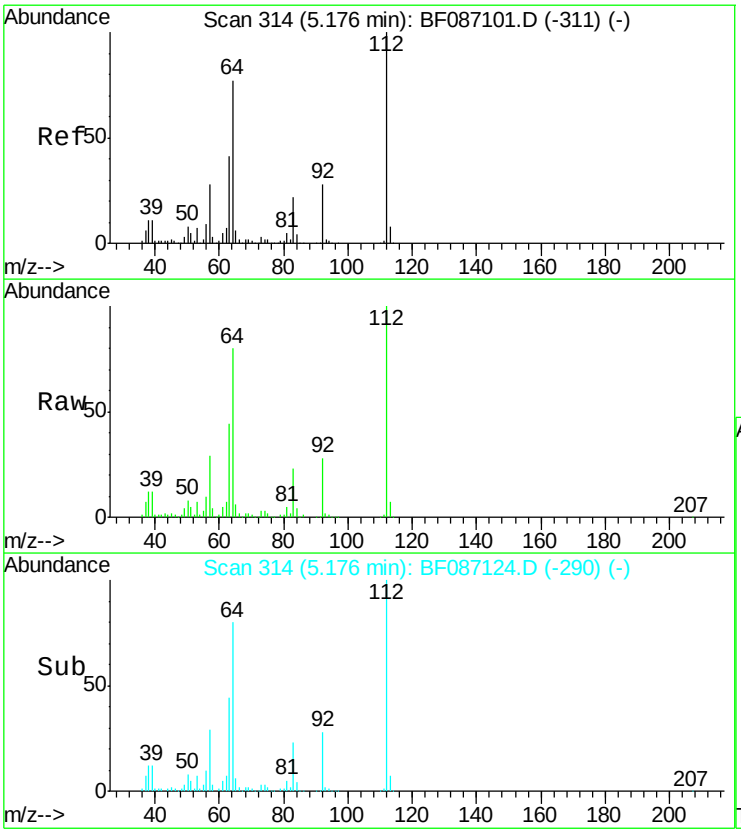
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF087124.D
Acq: 18 May 2016 1:50

Instrument :
BNA_F
ClientSampleId :
SVOC-TTO

Tgt Ion:152 Resp: 139546

Ion	Ratio	Lower	Upper
152	100		
150	152.9	125.8	188.6
115	58.3	51.5	77.3

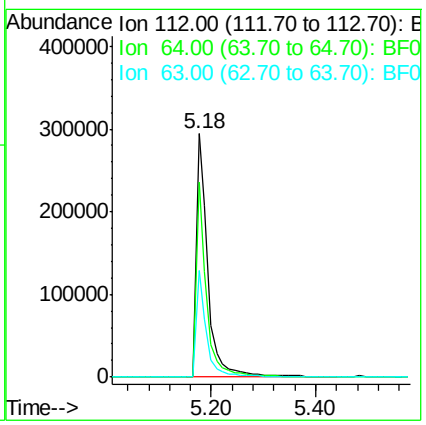


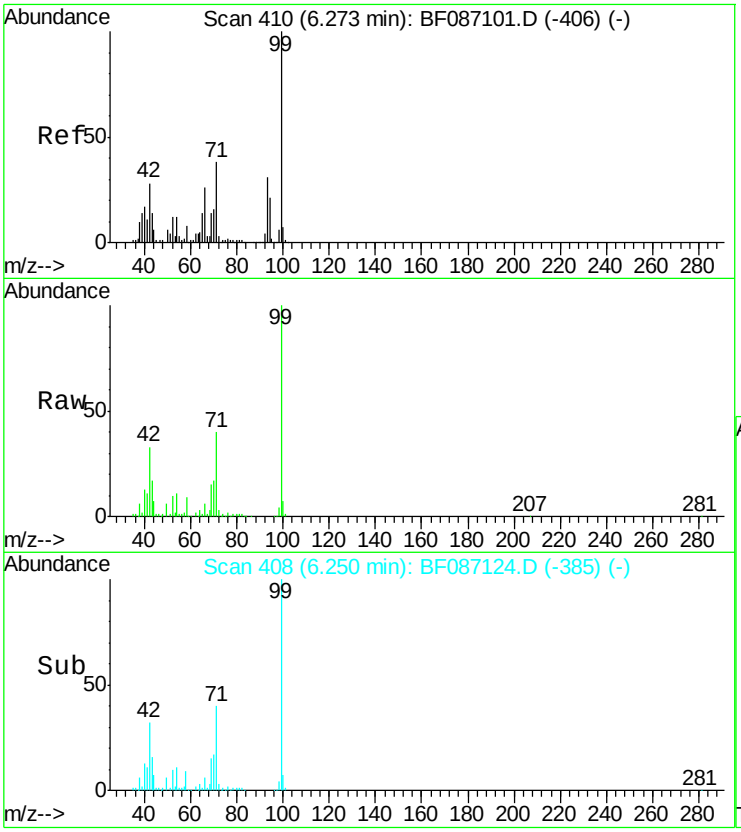


#5
2-Fluorophenol
Concen: 55.06 ng
RT: 5.18 min Scan# 314
Delta R.T. -0.02 min
Lab File: BF087124.D
Acq: 18 May 2016 1:50

Tgt Ion:112 Resp: 457126

Ion	Ratio	Lower	Upper
112	100		
64	79.9	52.1	78.1#
63	43.7	25.7	38.5#



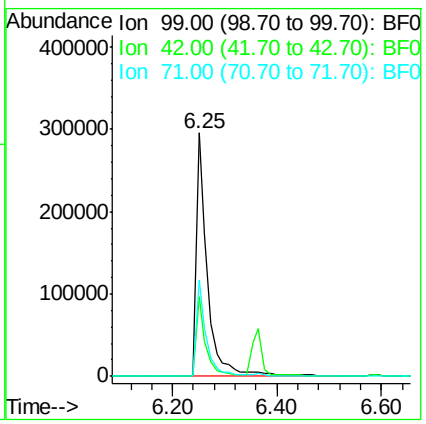


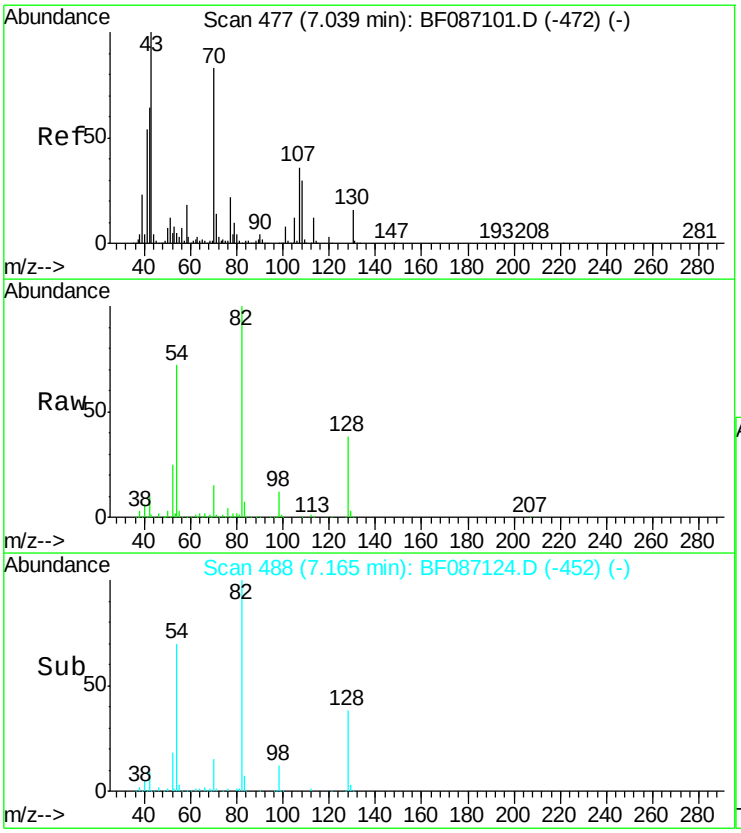
#7
Phenol-d6
Concen: 39.44 ng
RT: 6.25 min Scan# 408
Delta R.T. -0.03 min
Lab File: BF087124.D
Acq: 18 May 2016 1:50

Instrument :
BNA_F
ClientSampleId :
SVOC-TTO

Tgt Ion: 99 Resp: 439122

Ion	Ratio	Lower	Upper
99	100		
42	32.6	13.6	20.4#
71	39.8	24.6	36.8#

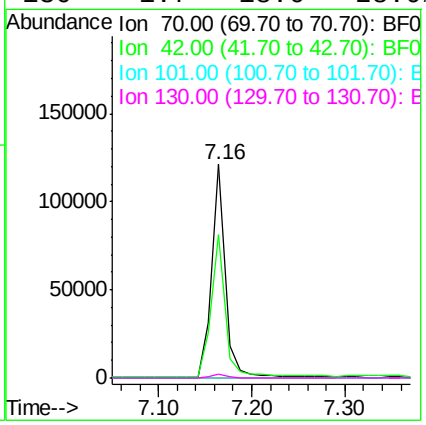


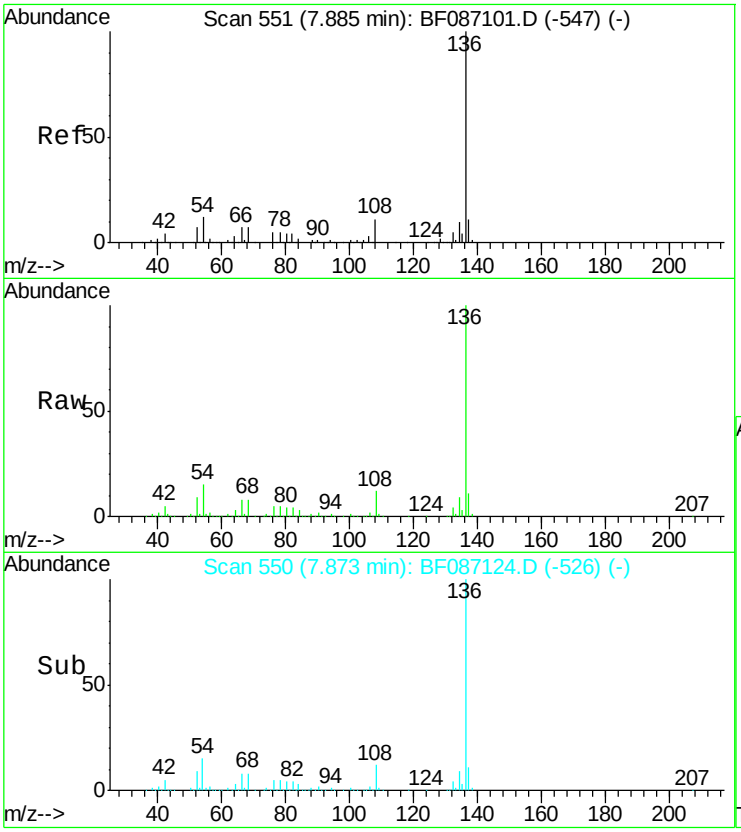


#19
n-Nitroso-di-n-propylamine
Concen: 14.95 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.11 min
Lab File: BF087124.D
Acq: 18 May 2016 1:50

Tgt Ion: 70 Resp: 126573

Ion	Ratio	Lower	Upper
70	100		
42	67.1	43.1	64.7#
101	0.0	8.1	12.1#
130	1.7	18.6	28.0#



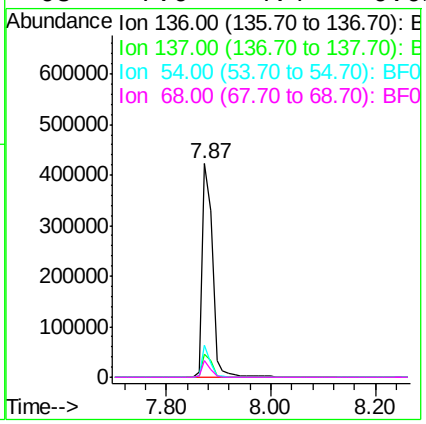


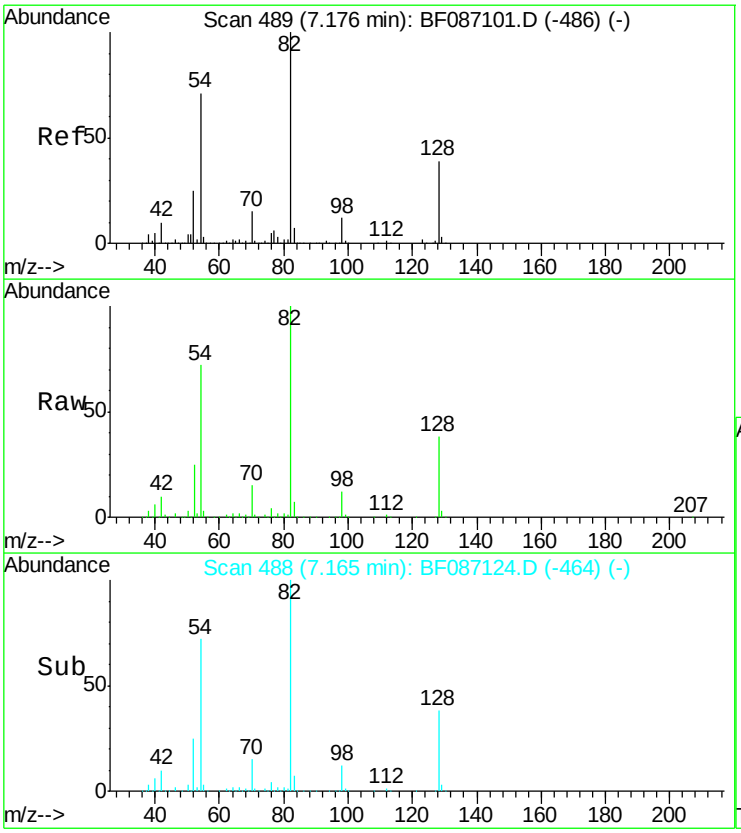
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF087124.D
Acq: 18 May 2016 1:50

Instrument :
BNA_F
ClientSampleId :
SVOC-TTO

Tgt Ion:136 Resp: 576741

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	15.2	5.0	7.4#
68	7.6	4.4	6.6#

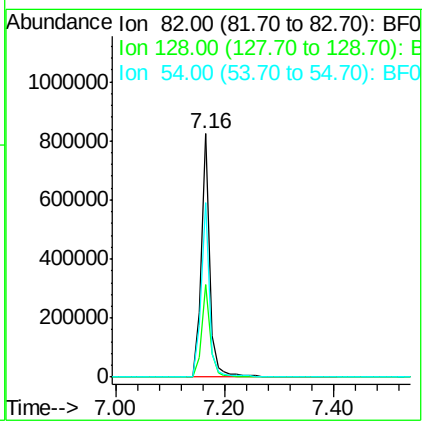


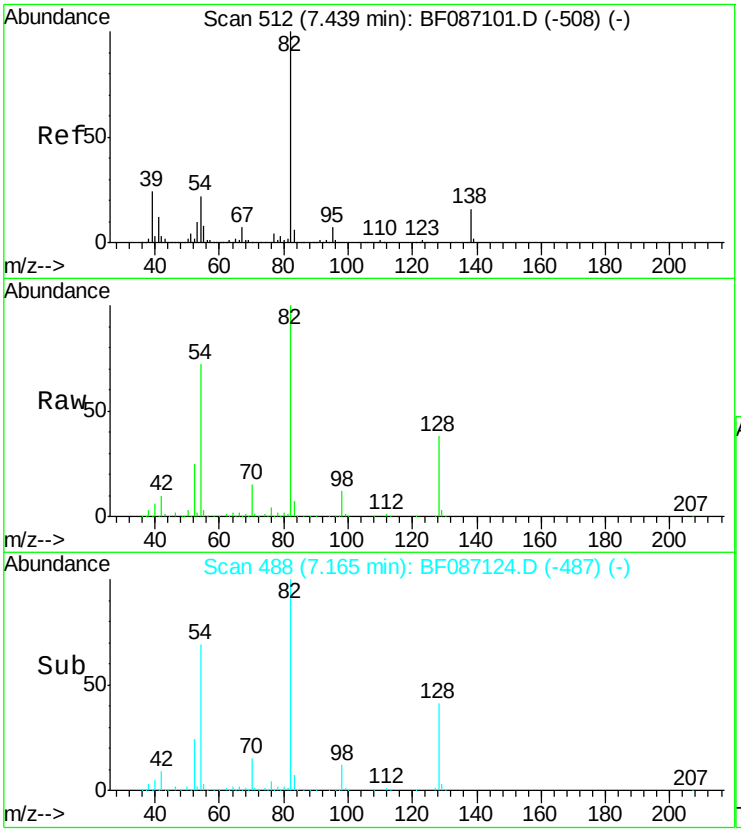


#23
Nitrobenzene-d5
Concen: 76.72 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.02 min
Lab File: BF087124.D
Acq: 18 May 2016 1:50

Tgt Ion: 82 Resp: 887875

Ion	Ratio	Lower	Upper
82	100		
128	38.0	40.6	61.0#
54	71.7	38.1	57.1#



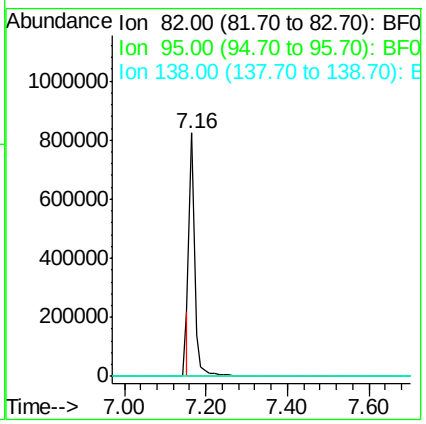


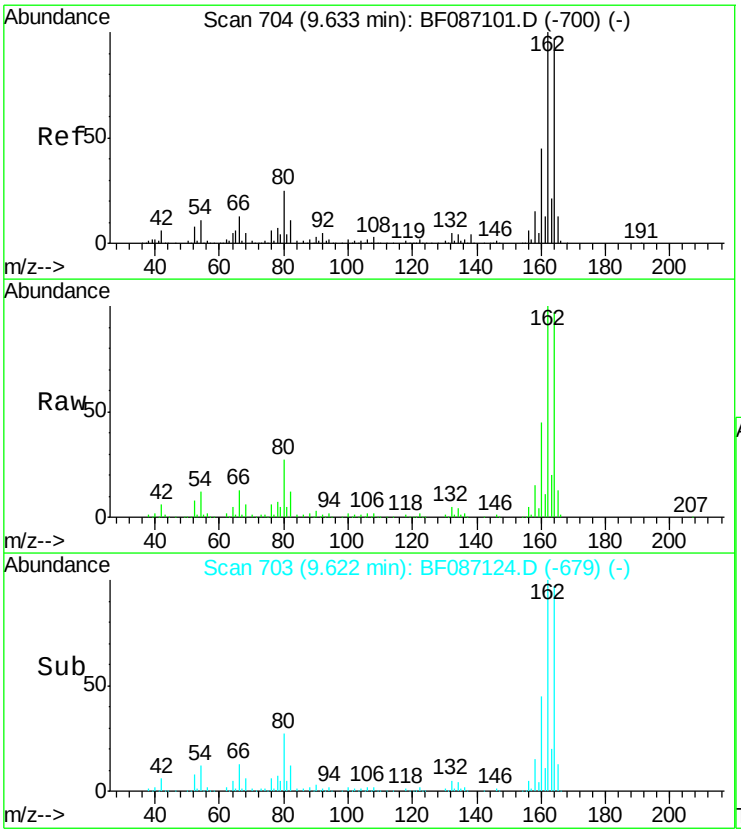
#25
Isophorone
Concen: 34.50 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.29 min
Lab File: BF087124.D
Acq: 18 May 2016 1:50

Instrument :
BNA_F
ClientSampleId :
SVOC-TTO

Tgt Ion: 82 Resp: 730949

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#

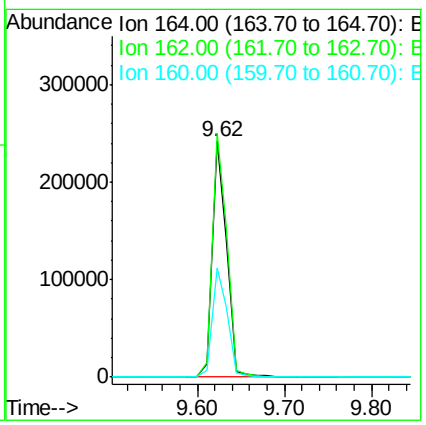


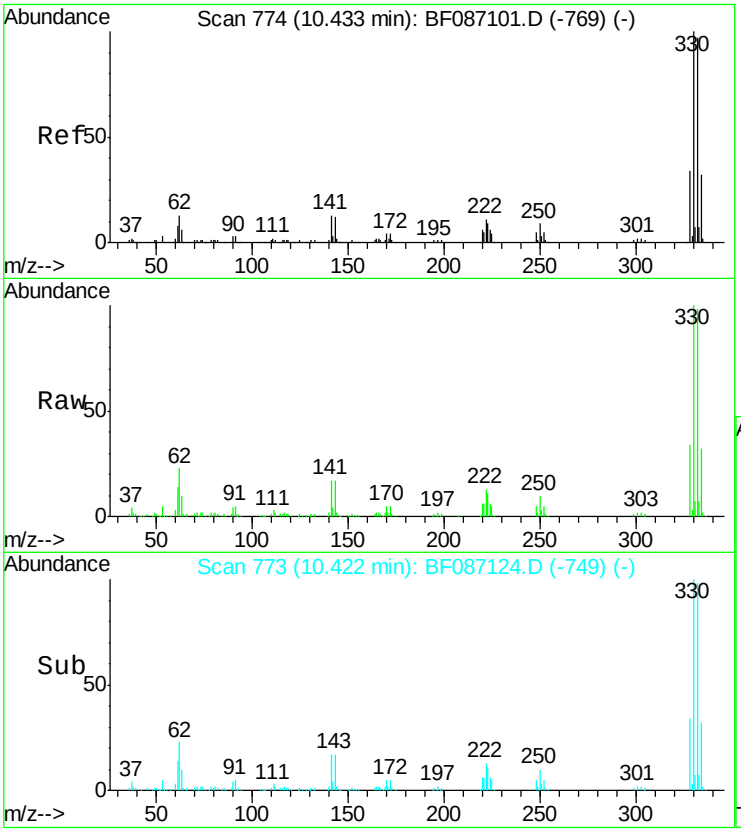


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.02 min
Lab File: BF087124.D
Acq: 18 May 2016 1:50

Tgt Ion:164 Resp: 282068

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.8	124.2
160	46.2	36.9	55.3



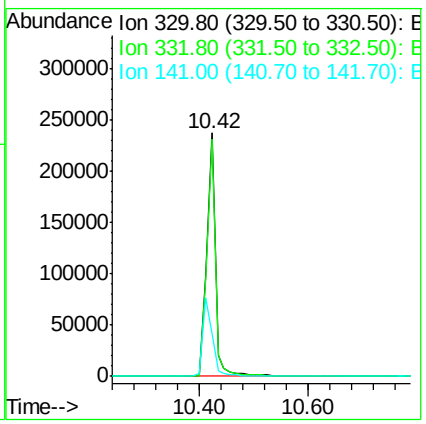


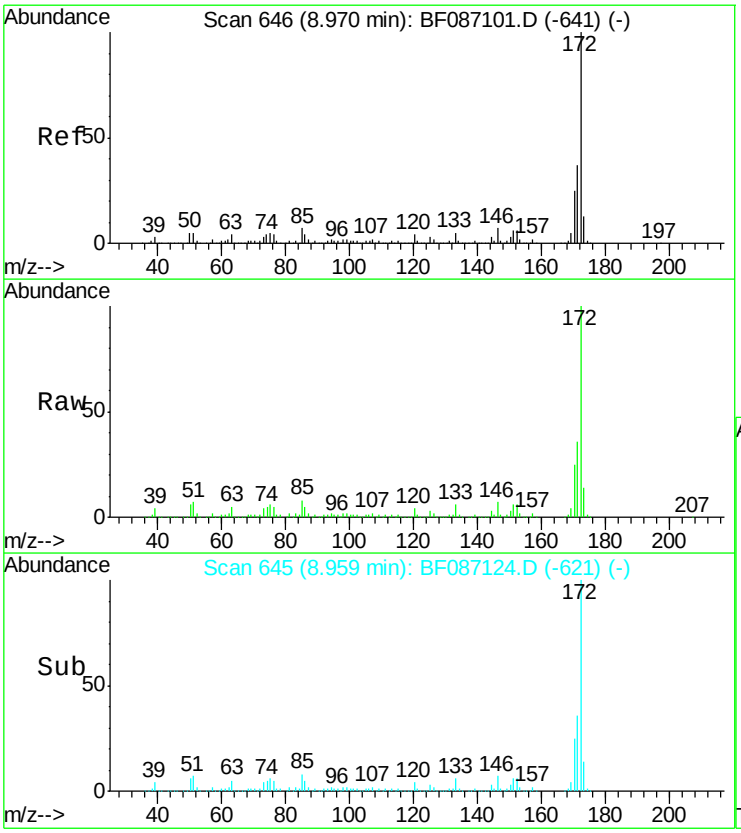
#41
2,4,6-Tribromophenol
Concen: 85.26 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.02 min
Lab File: BF087124.D
Acq: 18 May 2016 1:50

Instrument :
BNA_F
ClientSampleId :
SVOC-TTO

Tgt Ion:330 Resp: 265751

Ion	Ratio	Lower	Upper
330	100		
332	96.8	79.0	118.4
141	35.0	31.2	46.8

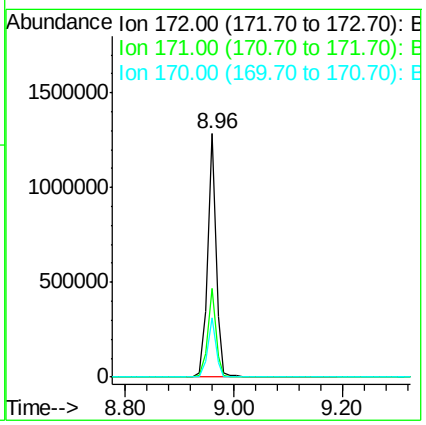


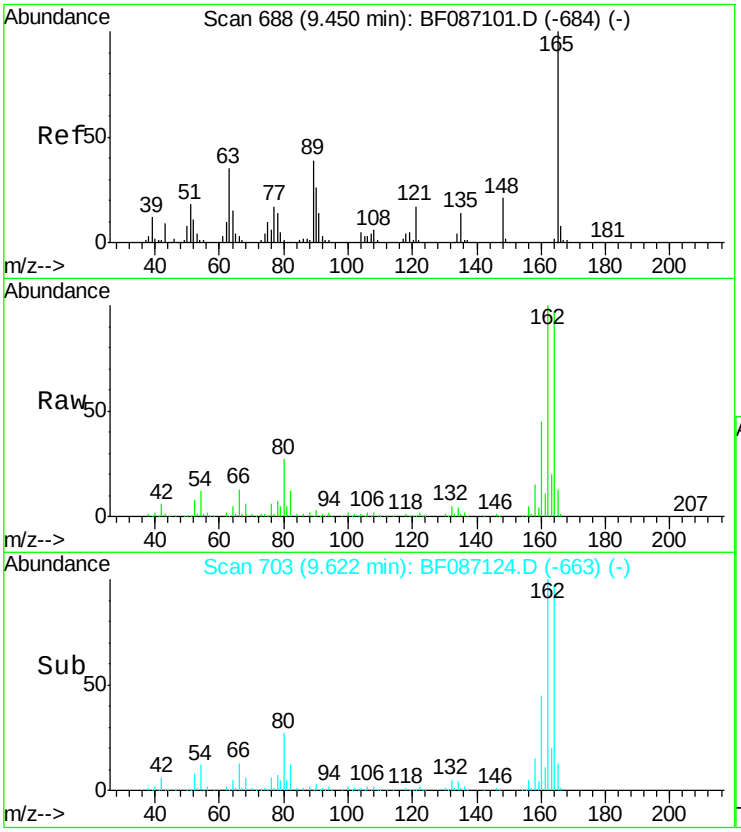


#44
2-Fluorobiphenyl
Concen: 82.30 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.02 min
Lab File: BF087124.D
Acq: 18 May 2016 1:50

Tgt Ion:172 Resp: 1401657

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	24.6	19.8	29.8



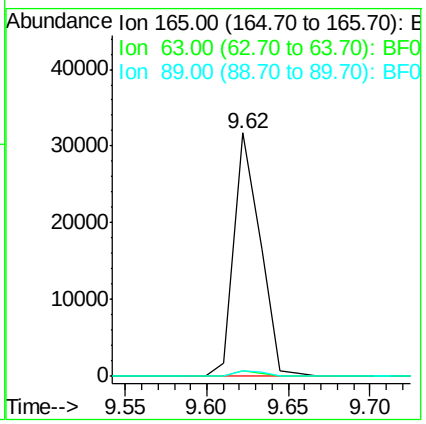


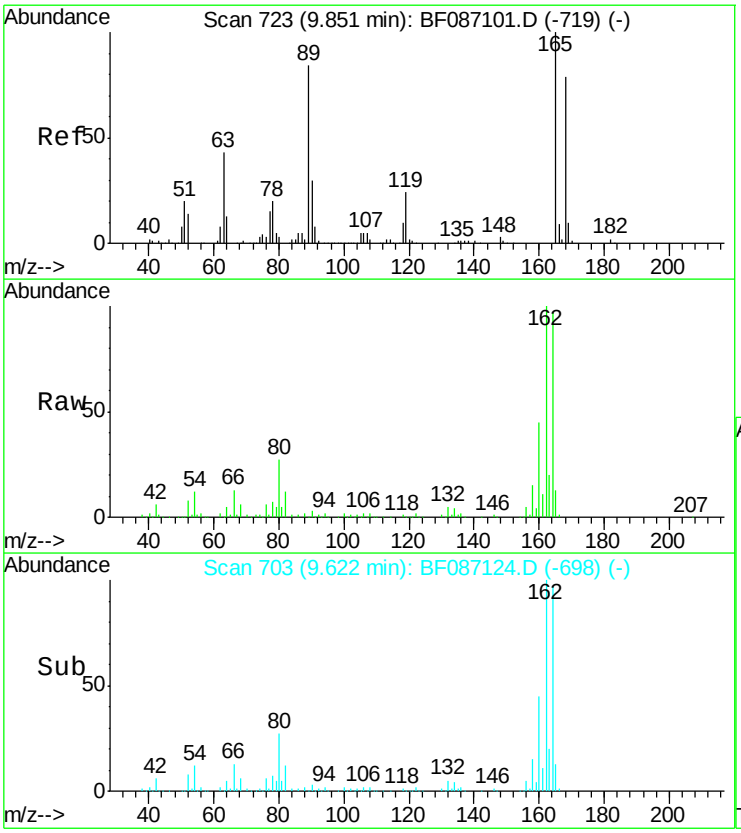
#50
2,6-Dinitrotoluene
Concen: 7.52 ng
RT: 9.62 min Scan# 703
Delta R.T. 0.16 min
Lab File: BF087124.D
Acq: 18 May 2016 1:50

Instrument :
BNA_F
ClientSampleId :
SVOC-TTO

Tgt Ion:165 Resp: 35146

Ion	Ratio	Lower	Upper
165	100		
63	2.0	51.8	77.8#
89	2.1	50.7	76.1#

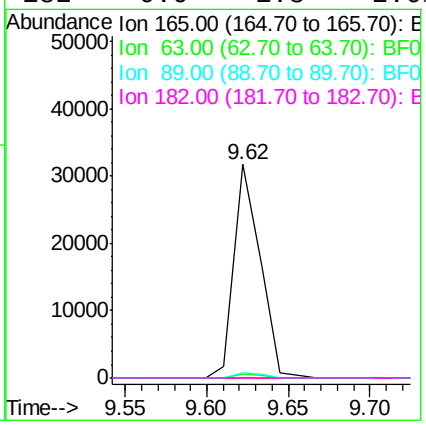


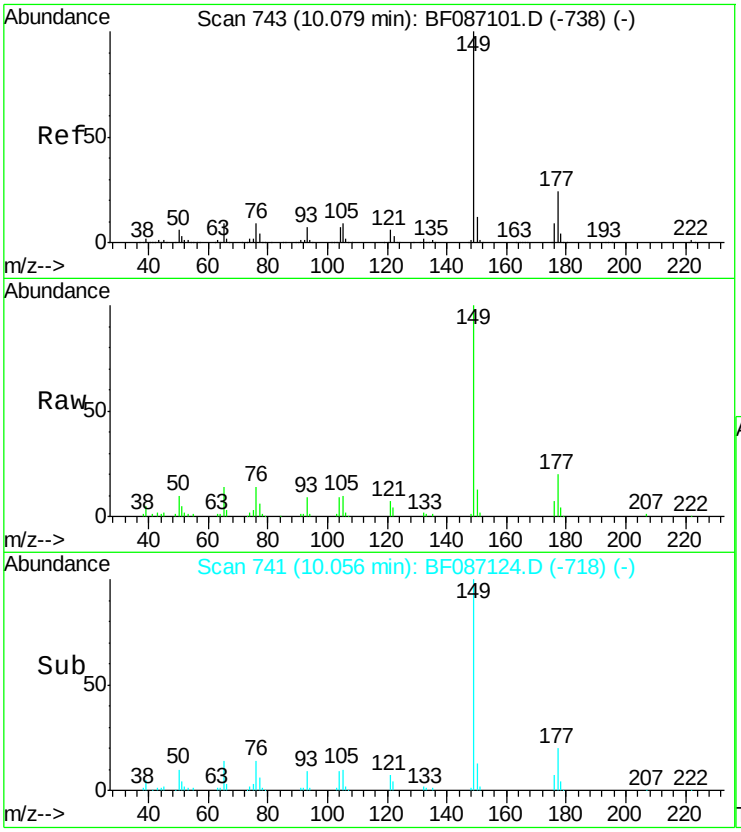


#56
2,4-Dinitrotoluene
Concen: 5.87 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.24 min
Lab File: BF087124.D
Acq: 18 May 2016 1:50

Tgt Ion:165 Resp: 35146

Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.3	66.5#
89	2.1	70.0	105.0#
182	0.0	1.8	2.6#



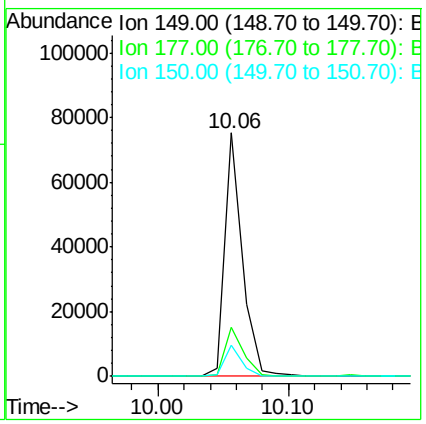


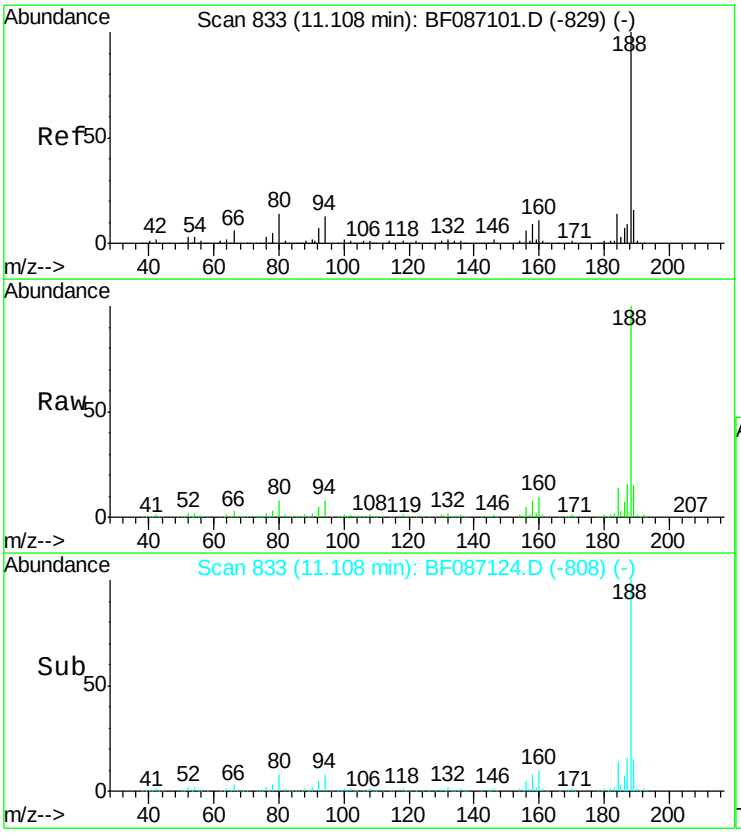
#59
Diethylphthalate
Concen: 3.45 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF087124.D
Acq: 18 May 2016 1:50

Instrument :
BNA_F
ClientSampleId :
SVOC-TTO

Tgt Ion:149 Resp: 70783

Ion	Ratio	Lower	Upper
149	100		
177	20.1	16.6	24.8
150	12.6	10.0	15.0

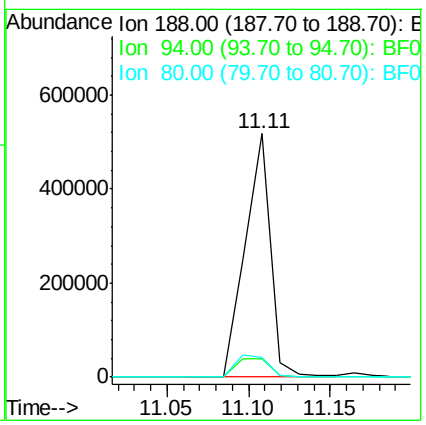


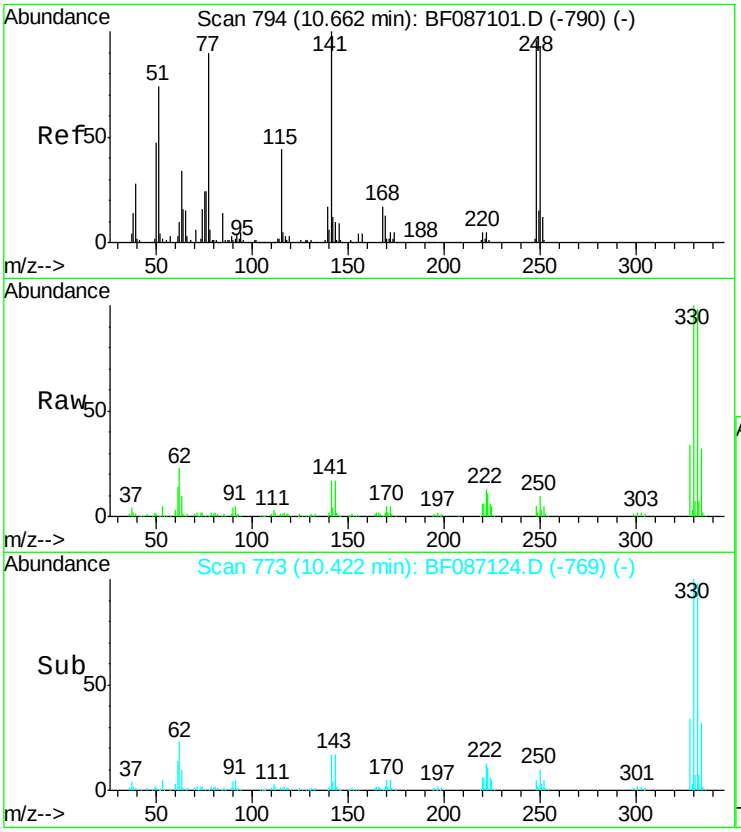


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF087124.D
Acq: 18 May 2016 1:50

Tgt Ion:188 Resp: 559590

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.8	10.2
80	8.3	7.1	10.7



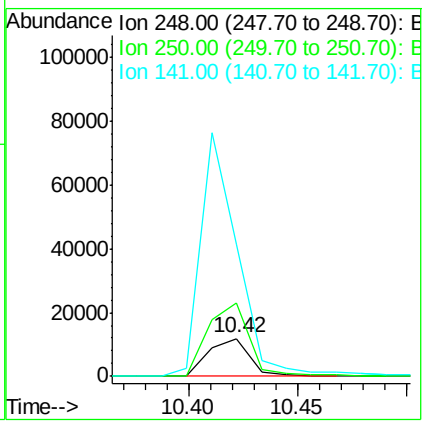


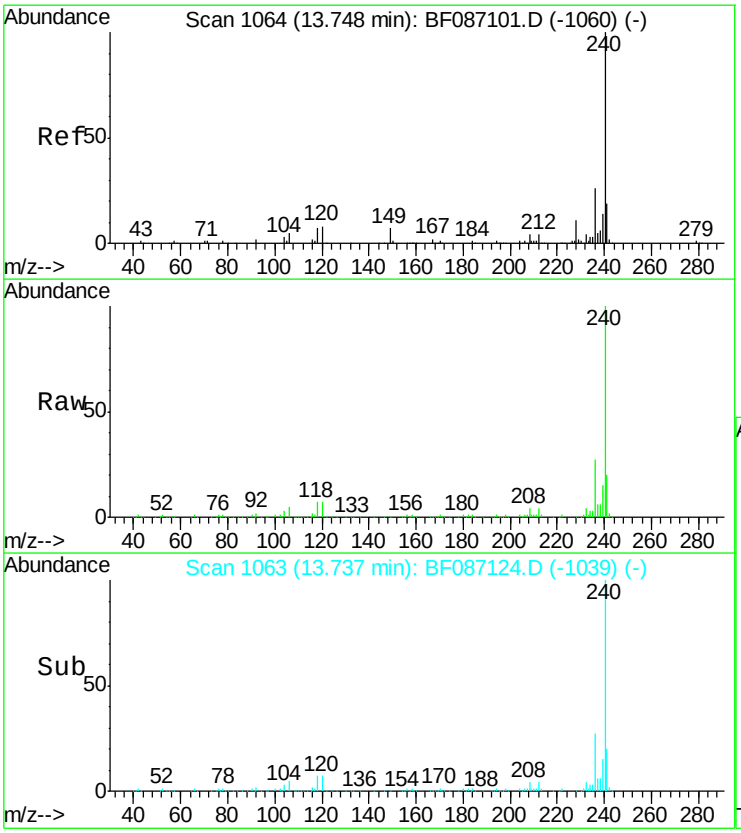
#66
4-Bromophenyl-phenylether
Concen: 2.71 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.25 min
Lab File: BF087124.D
Acq: 18 May 2016 1:50

Instrument :
BNA_F
ClientSampleId :
SVOC-TTO

Tgt Ion:248 Resp: 15580

Ion	Ratio	Lower	Upper
248	100		
250	193.5	78.6	117.8#
141	348.7	76.0	114.0#

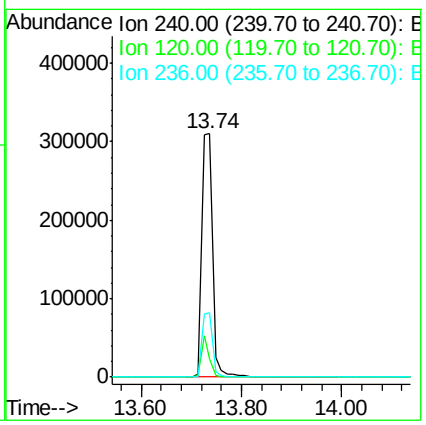


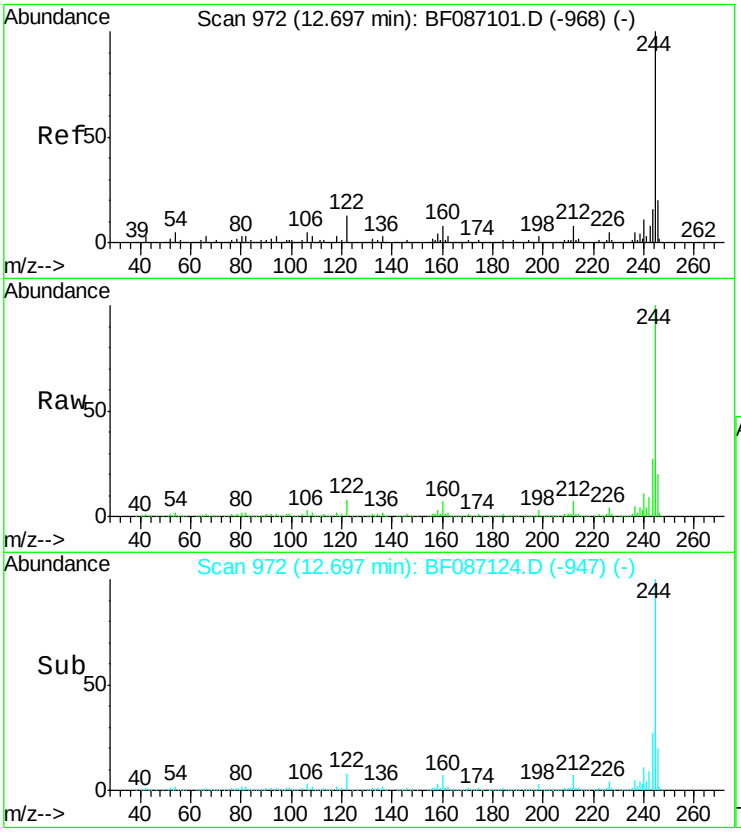


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.74 min Scan# 1063
Delta R.T. -0.02 min
Lab File: BF087124.D
Acq: 18 May 2016 1:50

Tgt Ion:240 Resp: 464026

Ion	Ratio	Lower	Upper
240	100		
120	7.5	11.2	16.8#
236	26.6	21.2	31.8



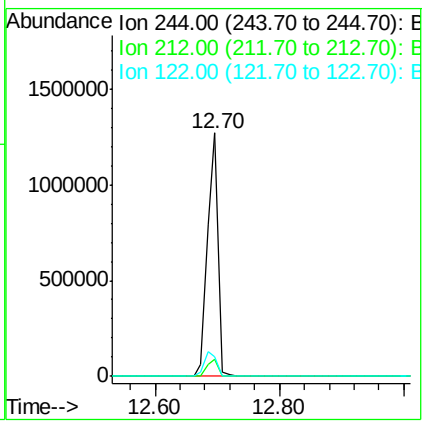


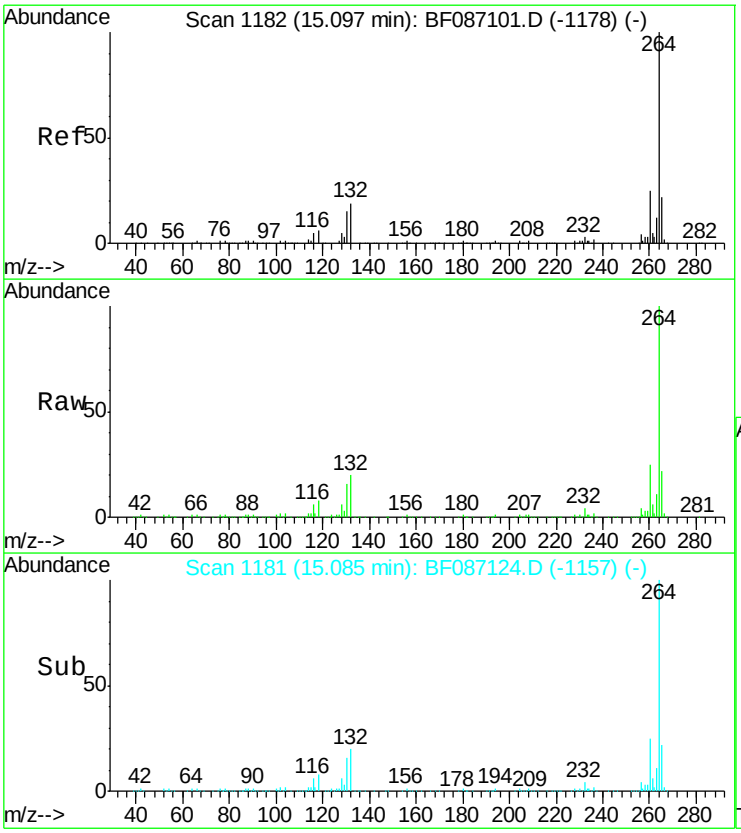
#78
Terphenyl-d14
Concen: 72.92 ng
RT: 12.70 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF087124.D
Acq: 18 May 2016 1:50

Instrument :
BNA_F
ClientSampleId :
SVOC-TTO

Tgt Ion:244 Resp: 1495896

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	8.3	12.0	18.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF087124.D
Acq: 18 May 2016 1:50

Tgt Ion:264 Resp: 382508

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.9	17.3	25.9