Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030317\
Data File : BF093387.D
Acq On : 4 Mar 2017 6:11
Operator : SJ/MA
Sample : PB97311TB
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB97311TB

Quant Time: Mar 05 23:39:34 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	188536	20.00	ng	-0.07
21) Naphthalene-d8	8.08	136	732236	20.00	ng	-0.07
38) Acenaphthene-d10	9.82	164	333130	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	536043	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	354525	20.00	ng	-0.08
86) Perylene-d12	15.36	264	314943	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1593071	144.96	ng	-0.06
7) Phenol-d6	6.43	99	1937860	137.05	ng	-0.06
23) Nitrobenzene-d5	7.36	82	1183897	90.04	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	282885	117.41	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	1853410	100.79	ng	-0.07
78) Terphenyl-d14	12.89	244	1187562	78.71	ng	-0.08
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	158216	17.58	ng	# 81
25) Isophorone	7.36	82	903408	36.87	ng	# 65
50) 2,6-Dinitrotoluene	9.82	165	42122	8.69	ng	# 31
56) 2,4-Dinitrotoluene	9.82	165	42124	6.53	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.61	198	558	2.83	ng	# 1
66) 4-Bromophenyl-phenylether	10.61	248	21852	3.90	ng	# 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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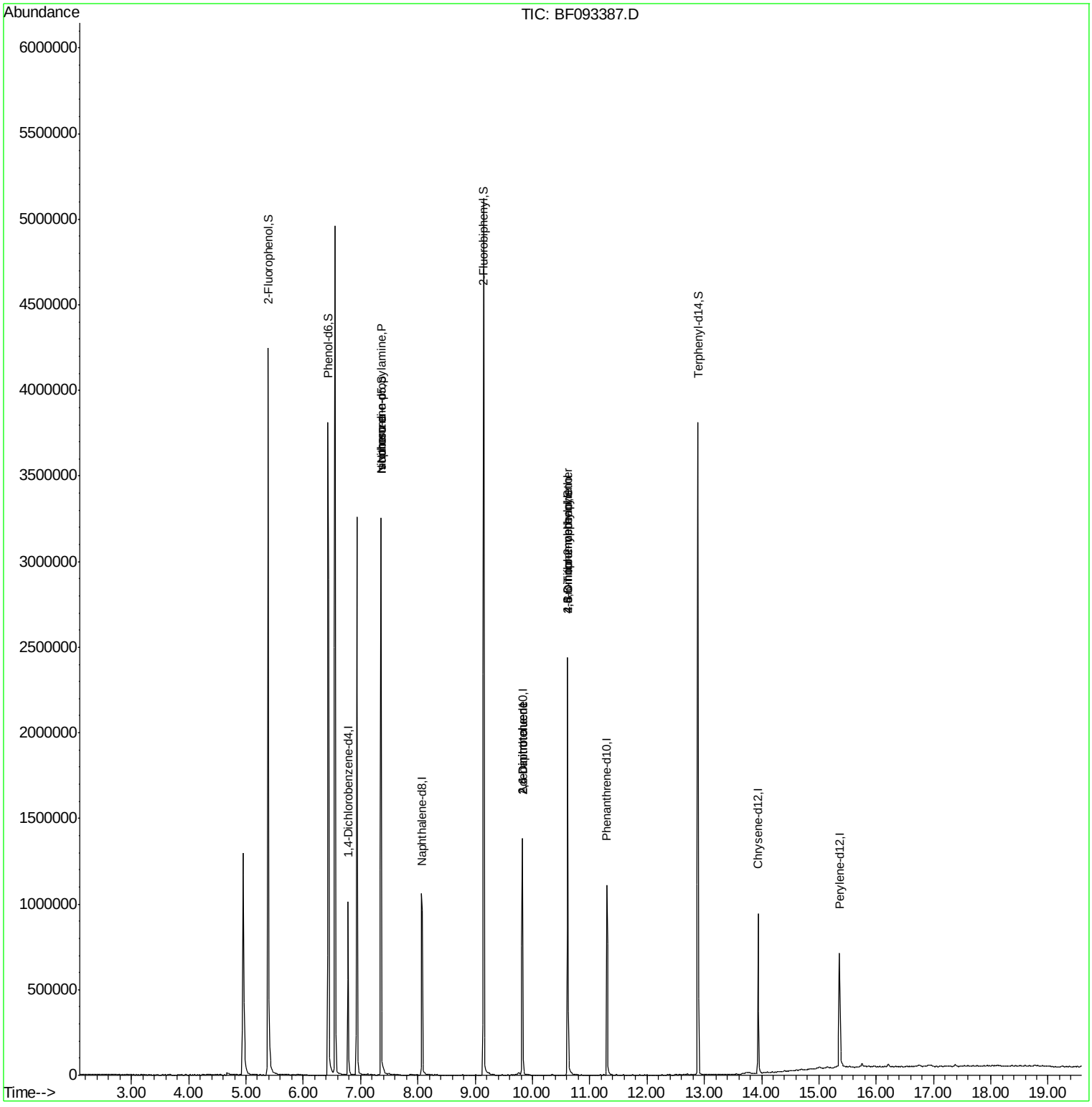
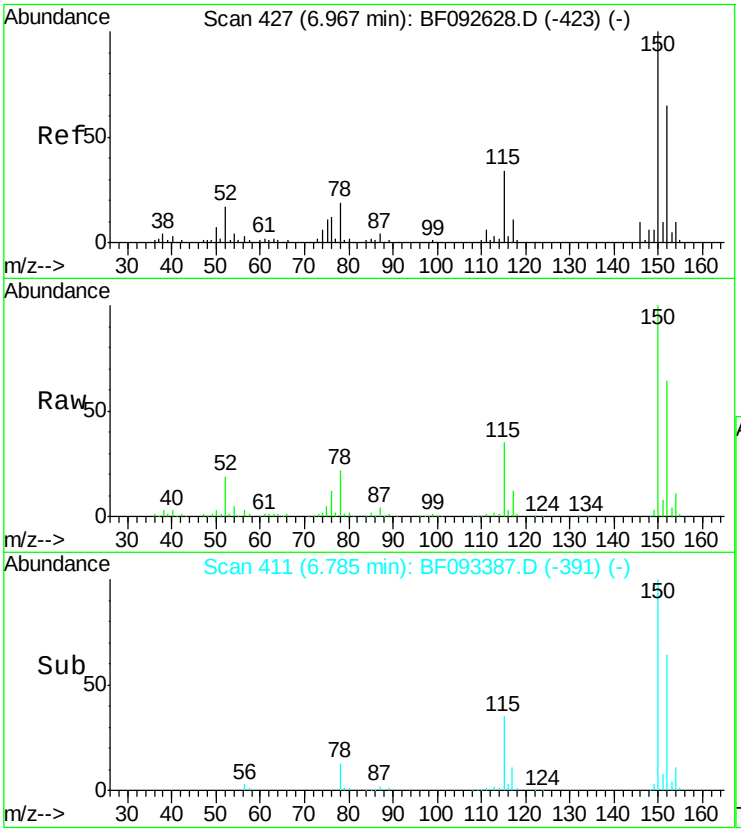


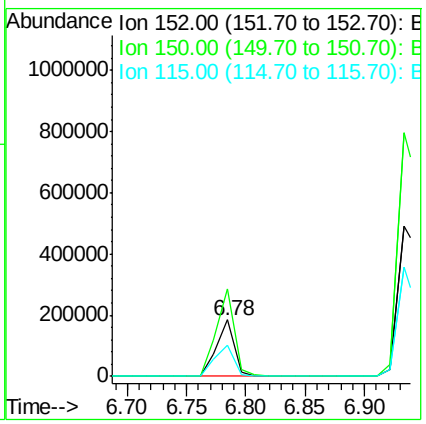


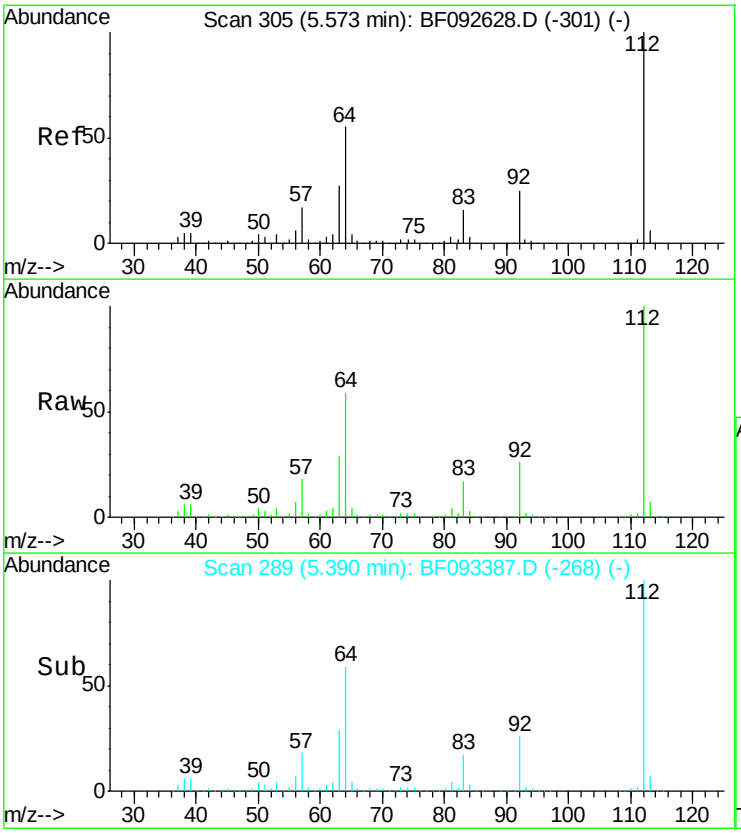
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.07 min
Lab File: BF093387.D
Acq: 4 Mar 2017 6:11

Instrument :
BNA_F
ClientSampleId :
PB97311TB

Tgt Ion:152 Resp: 188536

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.9	187.3
115	55.3	46.0	69.0

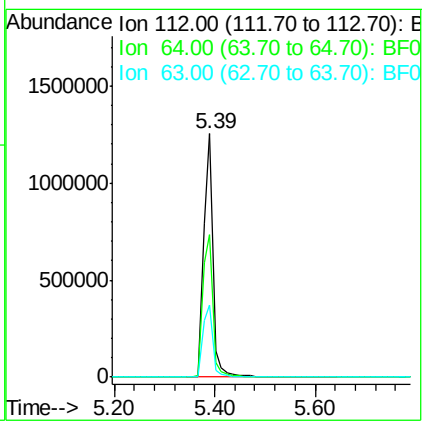


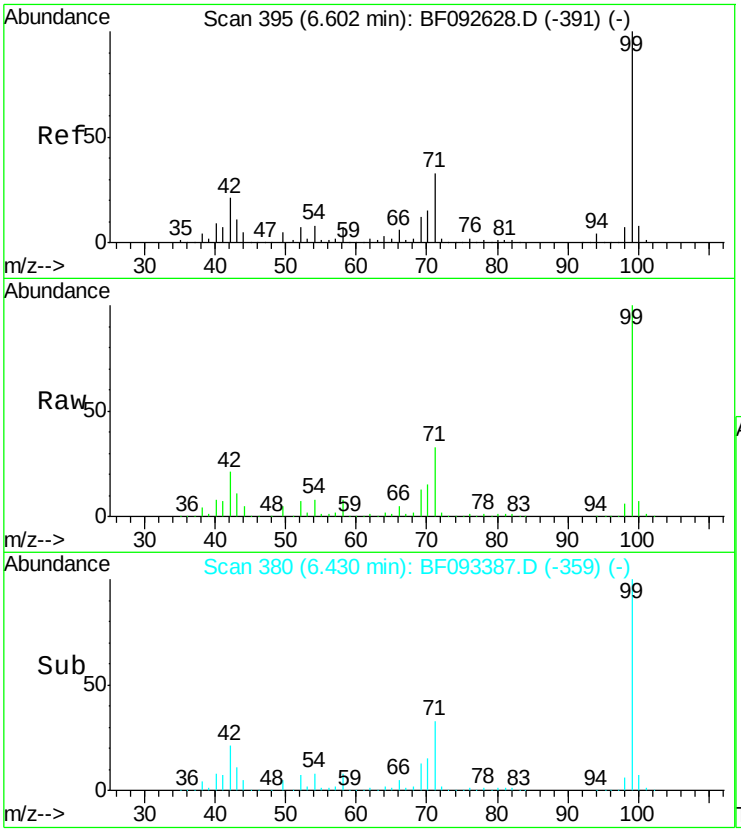


#5
2-Fluorophenol
Concen: 144.96 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.06 min
Lab File: BF093387.D
Acq: 4 Mar 2017 6:11

Tgt Ion:112 Resp: 1593071

Ion	Ratio	Lower	Upper
112	100		
64	58.6	46.1	69.1
63	29.4	23.8	35.6



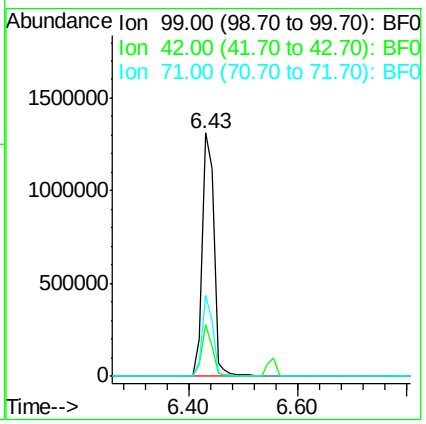


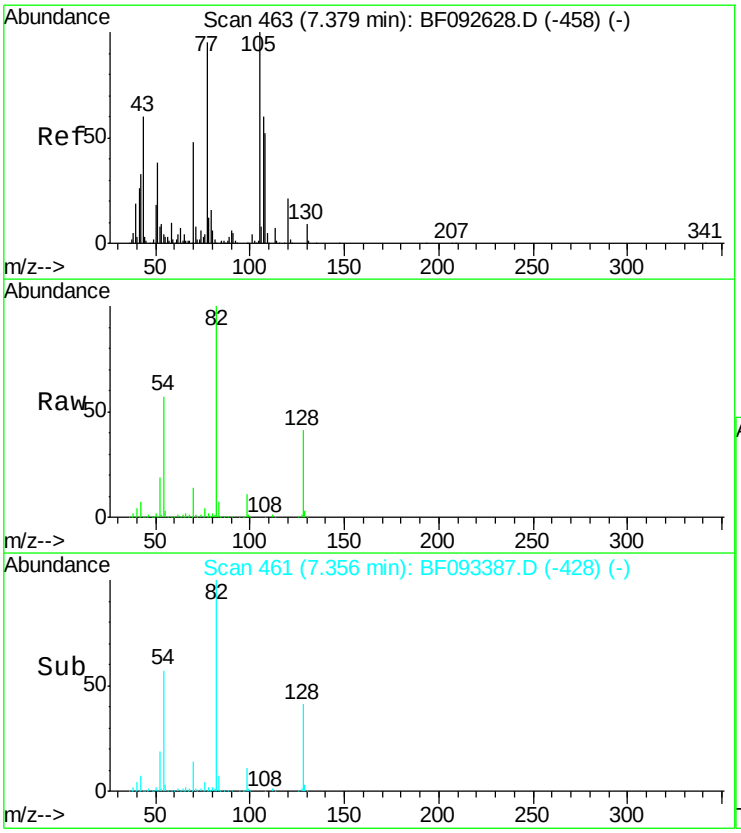
#7
Phenol-d6
Concen: 137.05 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.06 min
Lab File: BF093387.D
Acq: 4 Mar 2017 6:11

Instrument :
BNA_F
ClientSampleId :
PB97311TB

Tgt Ion: 99 Resp: 1937860

Ion	Ratio	Lower	Upper
99	100		
42	21.3	15.6	23.4
71	33.2	27.5	41.3

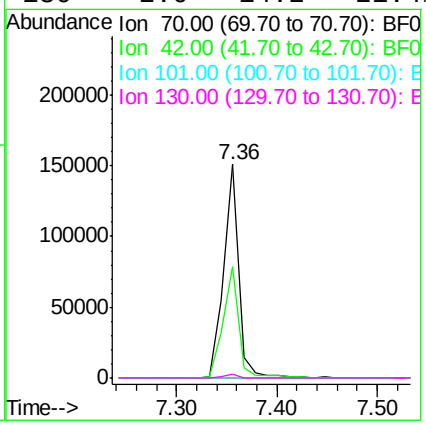


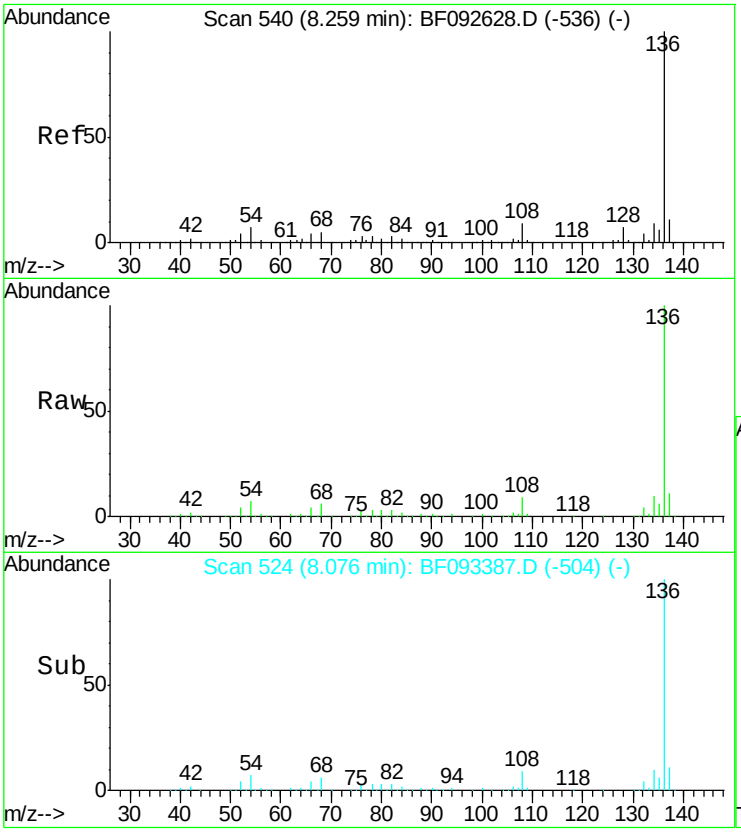


#19
n-Nitroso-di-n-propylamine
Concen: 17.58 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.08 min
Lab File: BF093387.D
Acq: 4 Mar 2017 6:11

Tgt Ion: 70 Resp: 158216

Ion	Ratio	Lower	Upper
70	100		
42	52.0	49.4	74.0
101	0.0	7.4	11.2#
130	2.0	14.2	21.4#



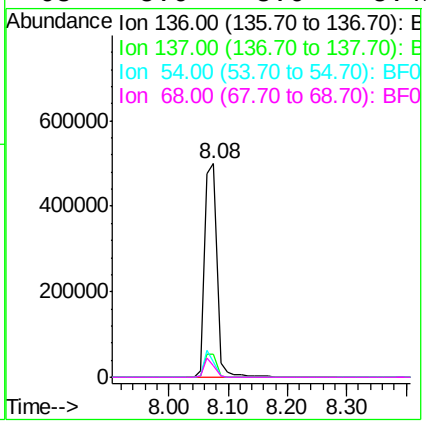


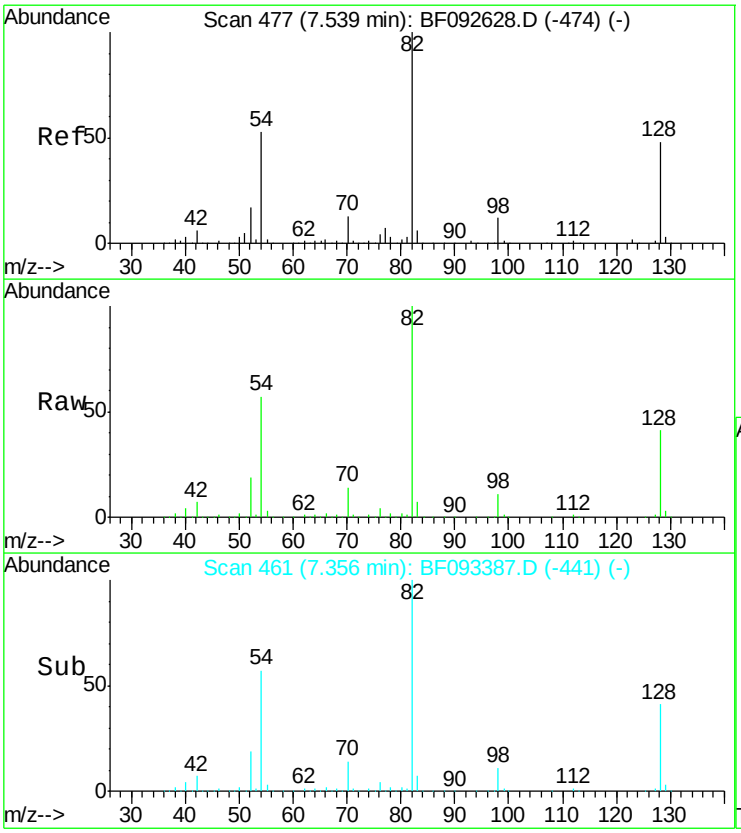
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.07 min
Lab File: BF093387.D
Acq: 4 Mar 2017 6:11

Instrument :
BNA_F
ClientSampleId :
PB97311TB

Tgt Ion:136 Resp: 732236

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	7.5	4.5	6.7#
68	5.6	3.6	5.4#

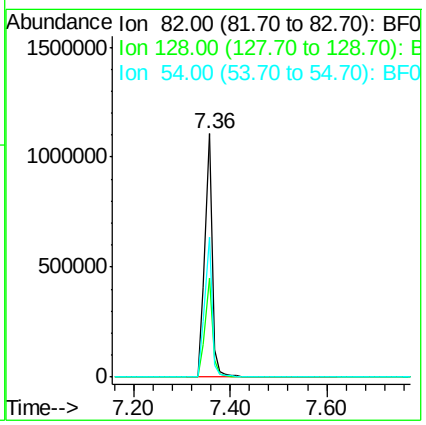


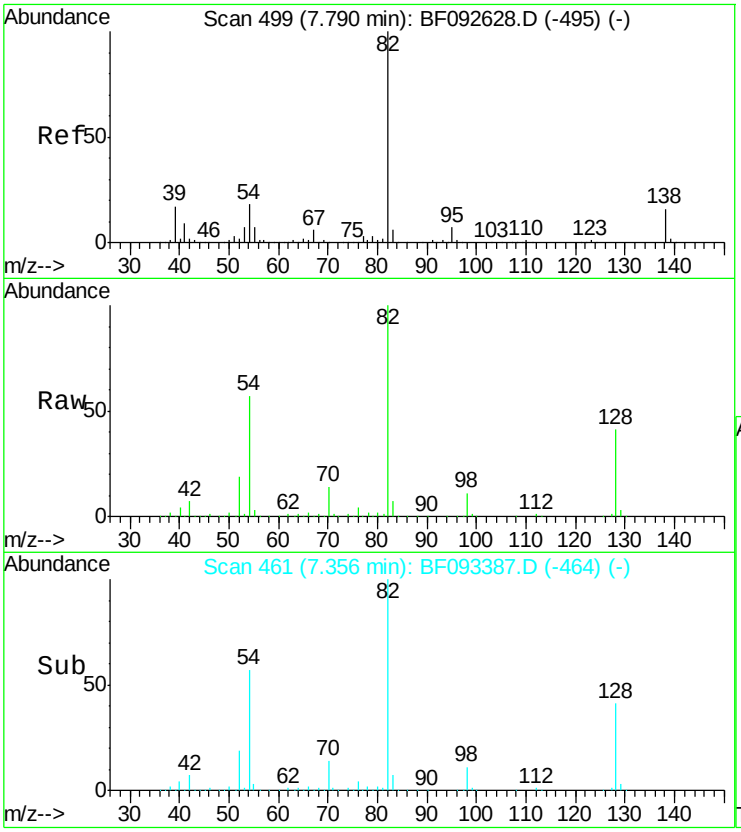


#23
Nitrobenzene-d5
Concen: 90.04 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.07 min
Lab File: BF093387.D
Acq: 4 Mar 2017 6:11

Tgt Ion: 82 Resp: 1183897

Ion	Ratio	Lower	Upper
82	100		
128	40.6	34.6	52.0
54	57.4	39.5	59.3



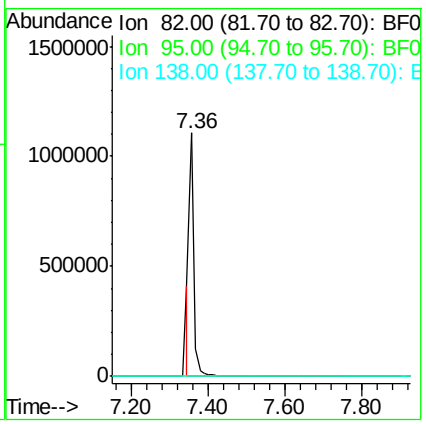


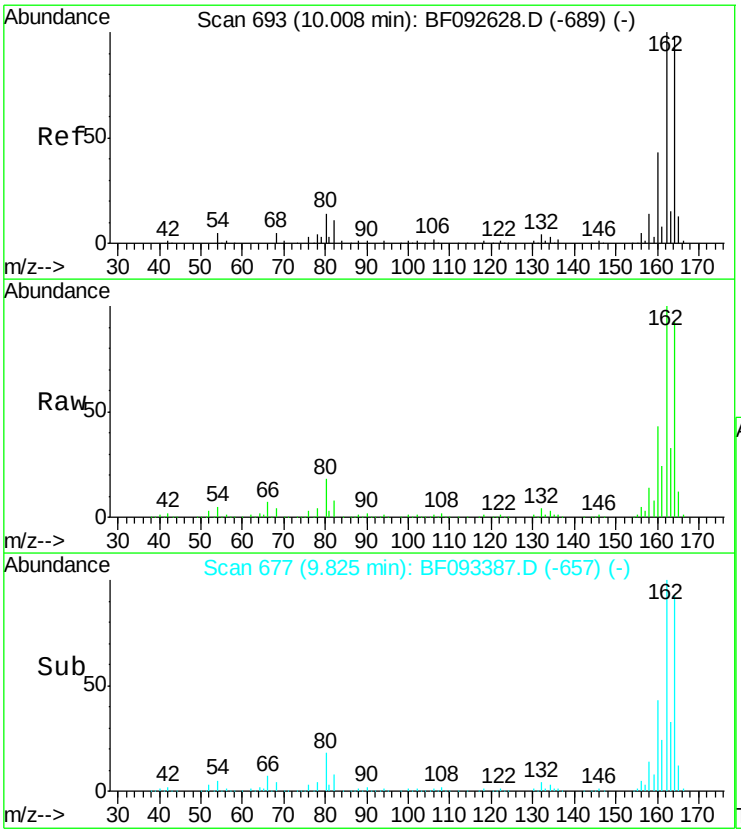
#25
Isophorone
Concen: 36.87 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.33 min
Lab File: BF093387.D
Acq: 4 Mar 2017 6:11

Instrument :
BNA_F
ClientSampleId :
PB97311TB

Tgt Ion: 82 Resp: 903408

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#

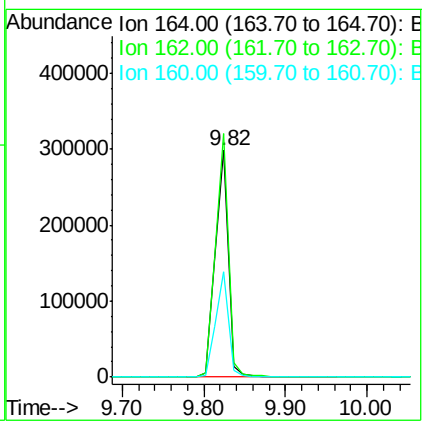


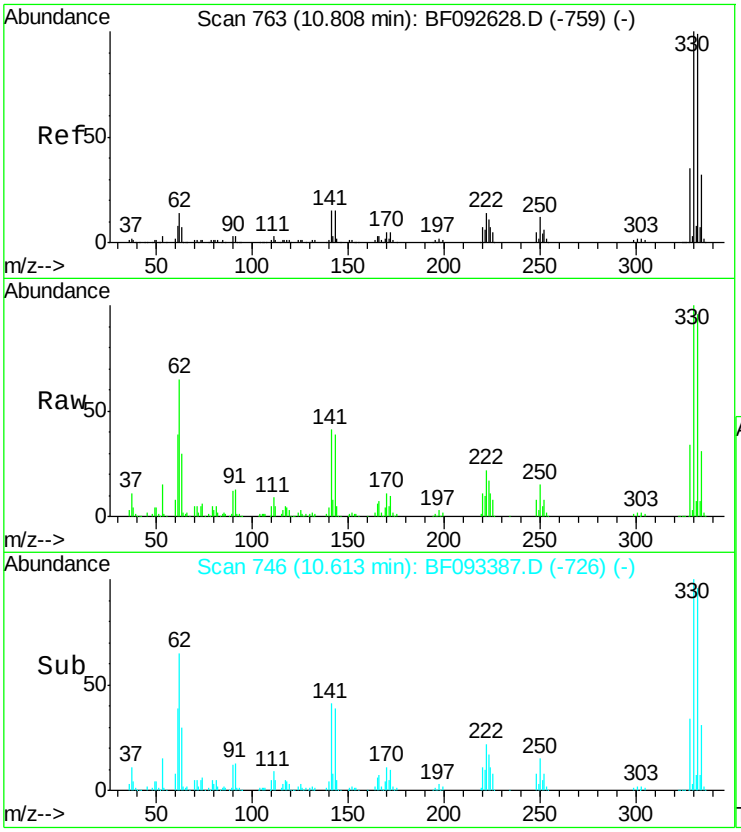


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.07 min
Lab File: BF093387.D
Acq: 4 Mar 2017 6:11

Tgt Ion:164 Resp: 333130

Ion	Ratio	Lower	Upper
164	100		
162	107.3	80.2	120.2
160	46.3	36.9	55.3



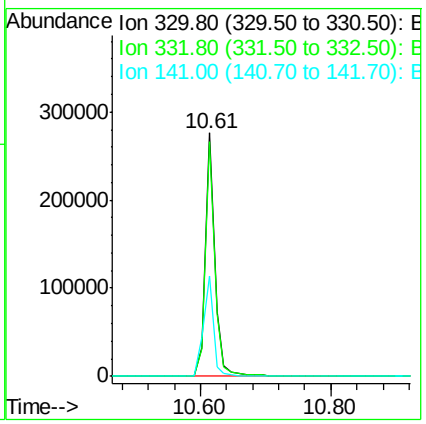


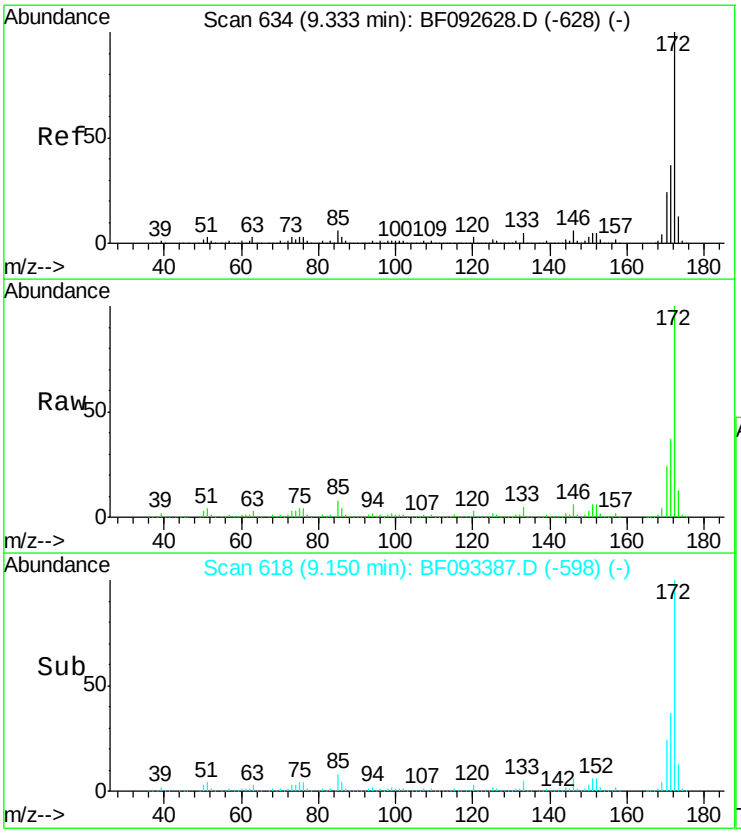
#41
2,4,6-Tribromophenol
Concen: 117.41 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.07 min
Lab File: BF093387.D
Acq: 4 Mar 2017 6:11

Instrument :
BNA_F
ClientSampleId :
PB97311TB

Tgt Ion:330 Resp: 282885

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.2
141	43.1	34.1	51.1

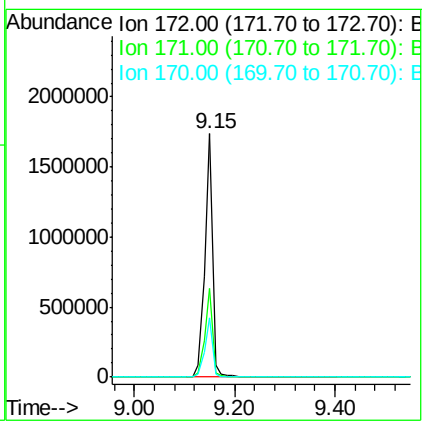


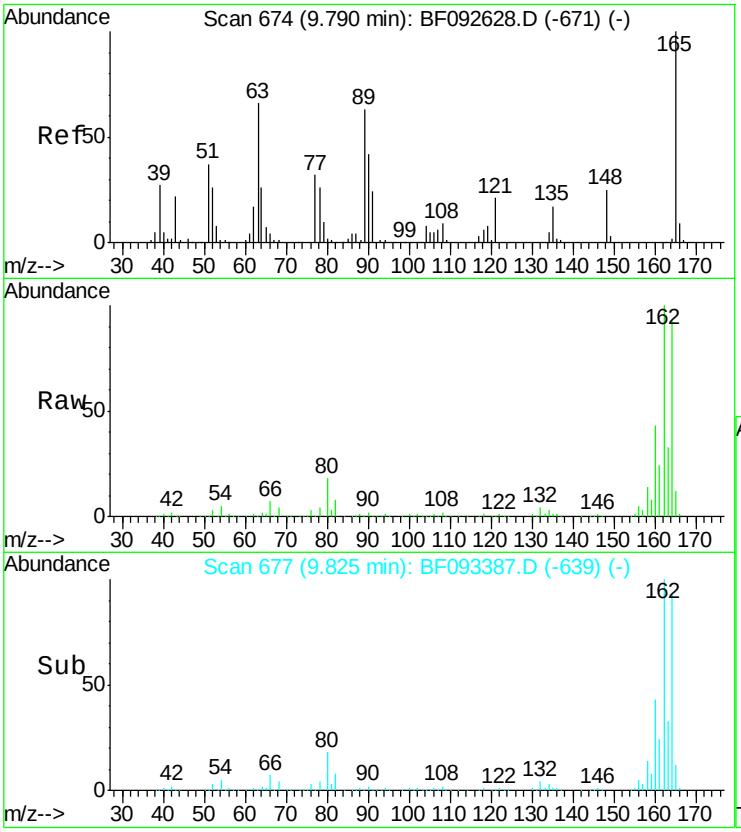


#44
2-Fluorobiphenyl
Concen: 100.79 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.07 min
Lab File: BF093387.D
Acq: 4 Mar 2017 6:11

Tgt Ion:172 Resp: 1853410

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.4	20.2	30.4



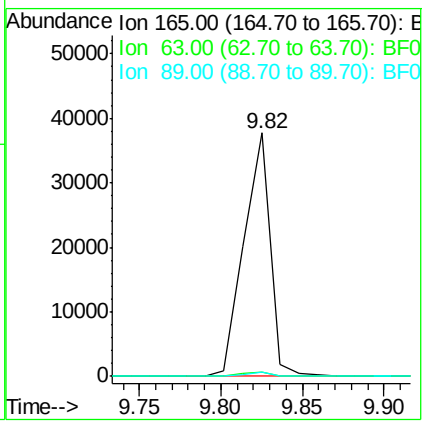


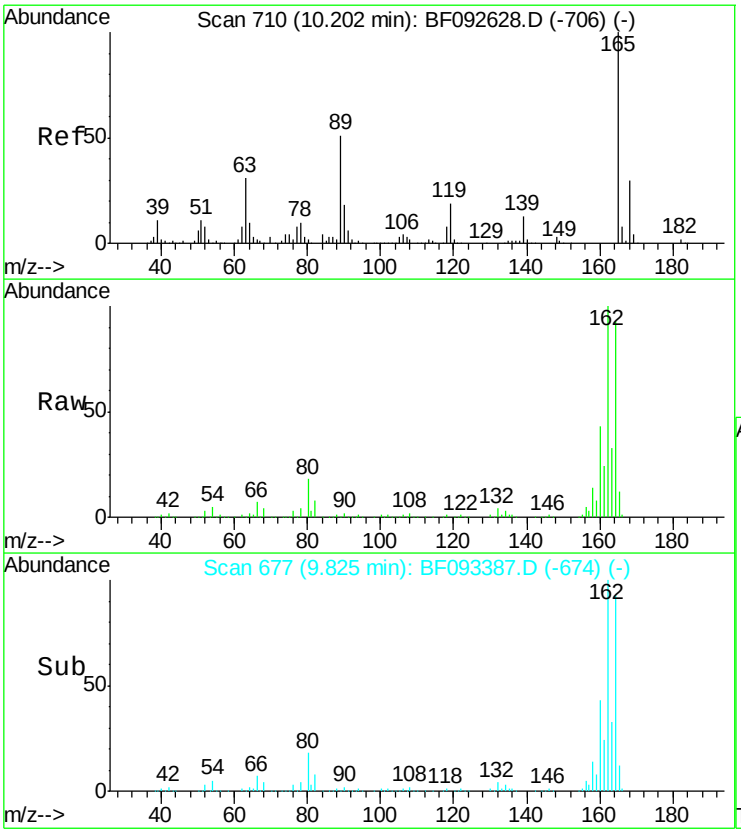
#50
2,6-Dinitrotoluene
Concen: 8.69 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.14 min
Lab File: BF093387.D
Acq: 4 Mar 2017 6:11

Instrument :
BNA_F
ClientSampleId :
PB97311TB

Tgt Ion:165 Resp: 42122

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.2	54.4#
89	1.5	40.2	60.4#

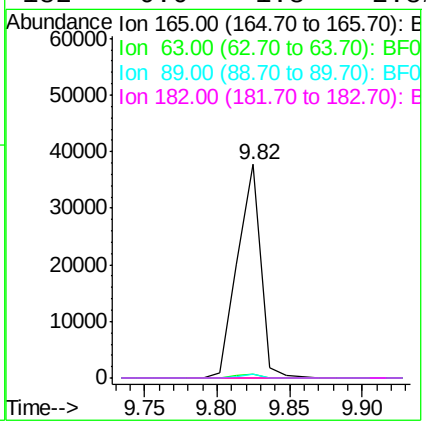


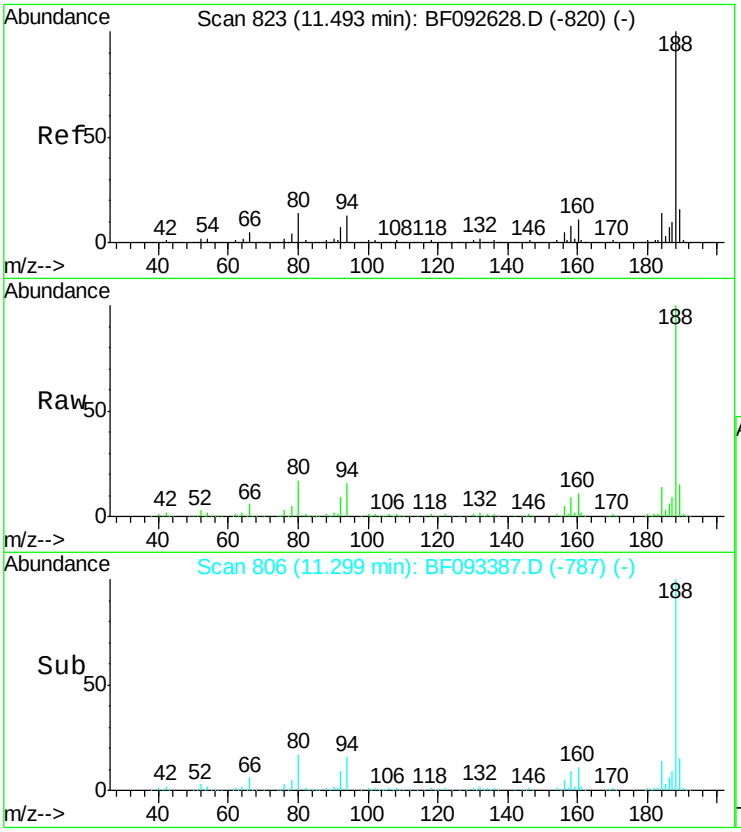


#56
2,4-Dinitrotoluene
Concen: 6.53 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.26 min
Lab File: BF093387.D
Acq: 4 Mar 2017 6:11

Tgt Ion:165 Resp: 42124

Ion	Ratio	Lower	Upper
165	100		
63	1.6	40.2	60.4#
89	1.5	62.5	93.7#
182	0.0	1.8	2.8#



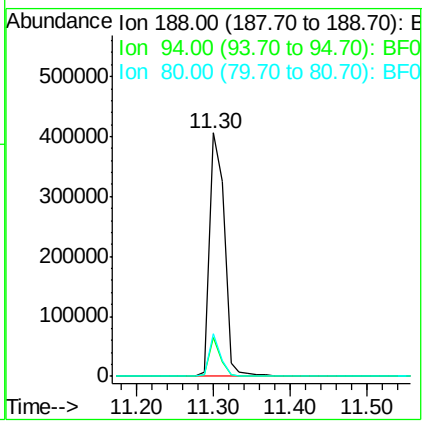


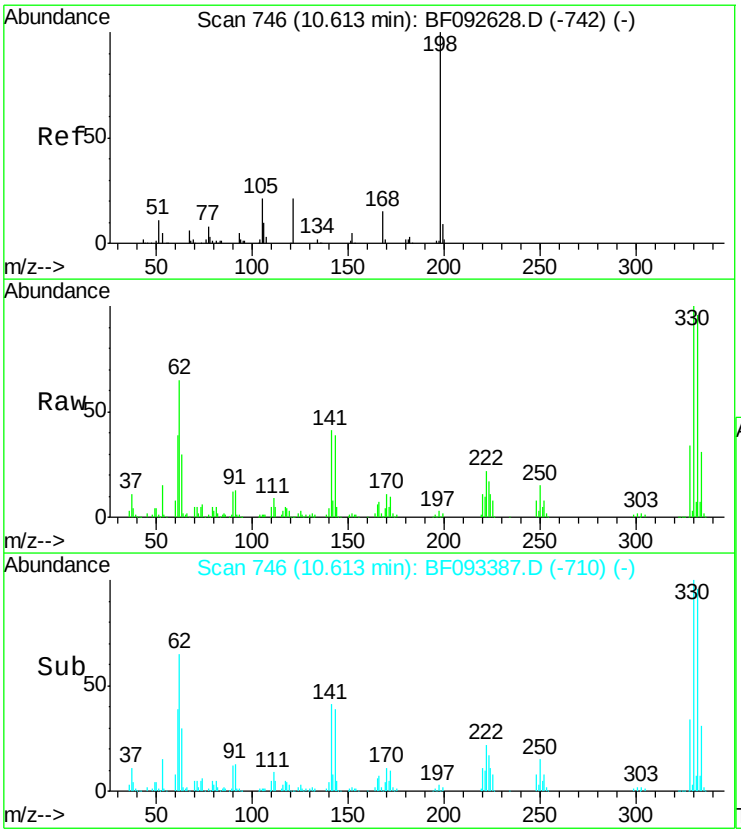
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.08 min
Lab File: BF093387.D
Acq: 4 Mar 2017 6:11

Instrument :
BNA_F
ClientSampleId :
PB97311TB

Tgt Ion:188 Resp: 536043

Ion	Ratio	Lower	Upper
188	100		
94	16.2	10.0	15.0#
80	17.4	11.2	16.8#

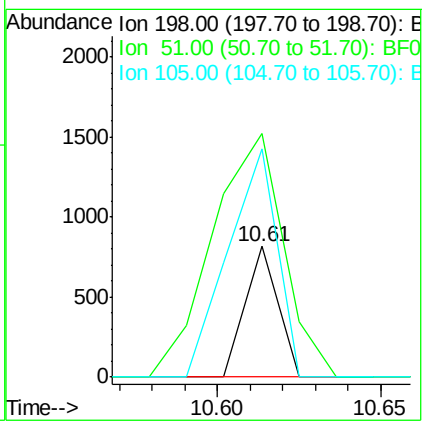


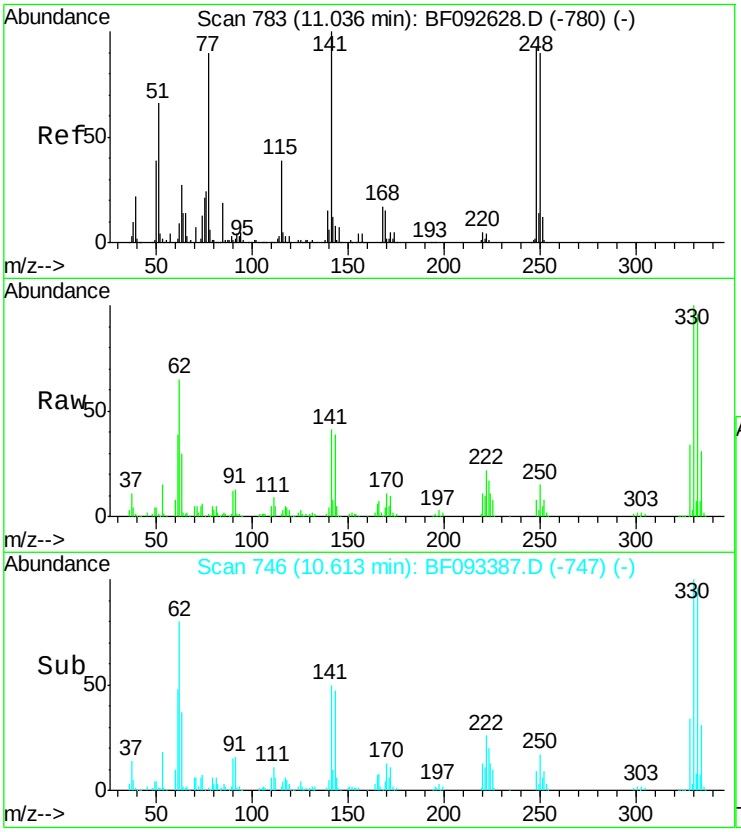


#64
4,6-Dinitro-2-methylphenol
Concen: 2.83 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.11 min
Lab File: BF093387.D
Acq: 4 Mar 2017 6:11

Tgt Ion:198 Resp: 558

Ion	Ratio	Lower	Upper
198	100		
51	186.9	6.7	46.7#
105	175.1	16.6	56.6#



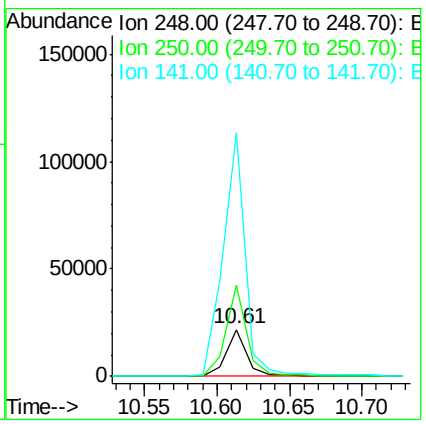


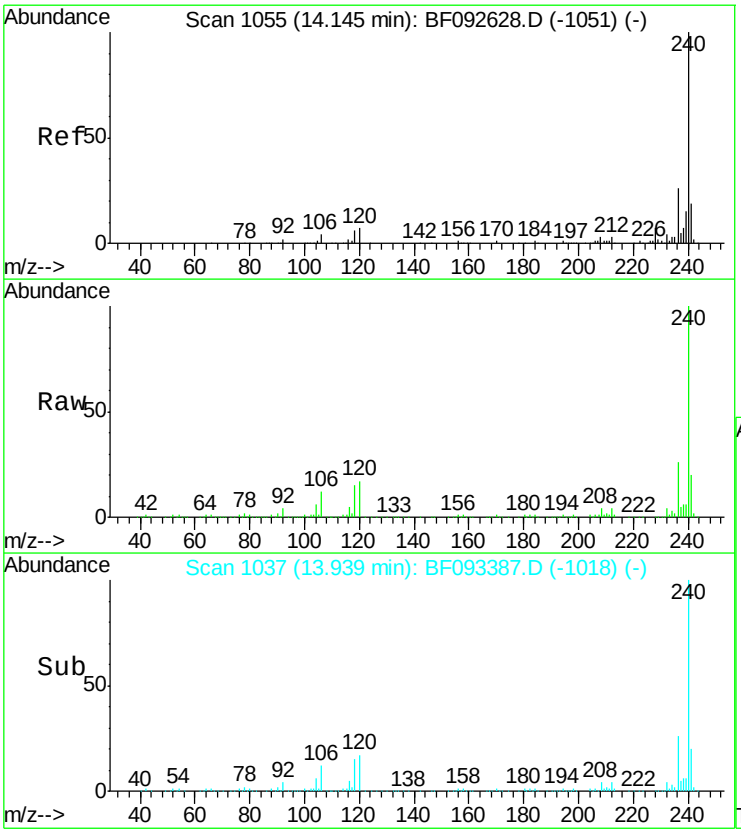
#66
4-Bromophenyl-phenylether
Concen: 3.90 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.31 min
Lab File: BF093387.D
Acq: 4 Mar 2017 6:11

Instrument :
BNA_F
ClientSampleId :
PB97311TB

Tgt Ion:248 Resp: 21852

Ion	Ratio	Lower	Upper
248	100		
250	194.9	76.9	115.3#
141	517.9	68.2	102.4#

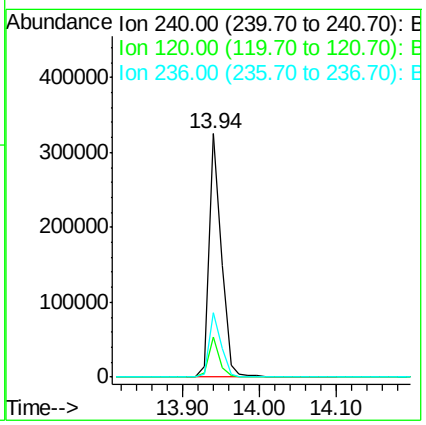


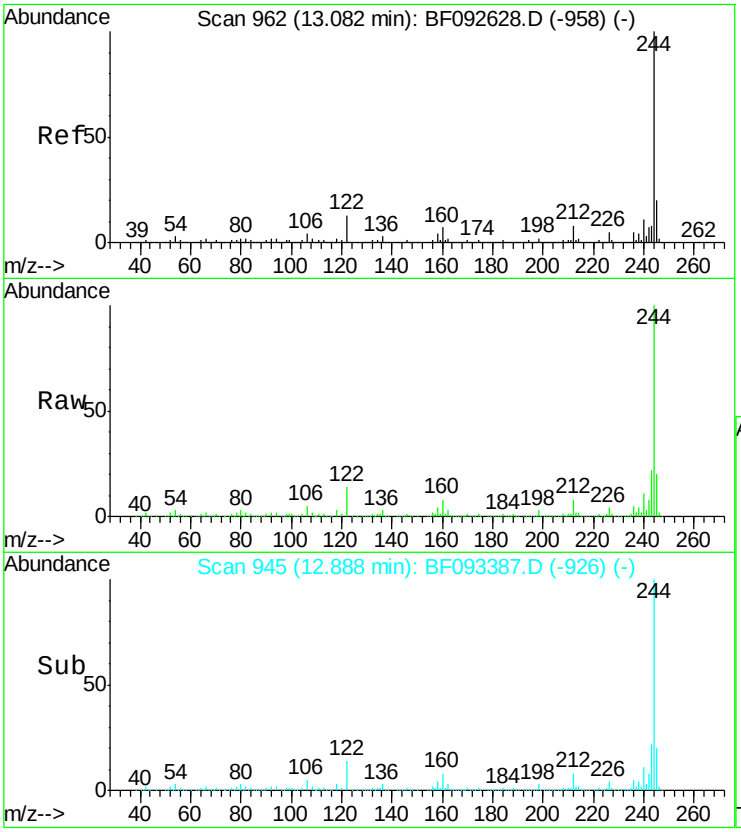


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.08 min
Lab File: BF093387.D
Acq: 4 Mar 2017 6:11

Tgt Ion:240 Resp: 354525

Ion	Ratio	Lower	Upper
240	100		
120	16.6	12.9	19.3
236	26.4	20.9	31.3



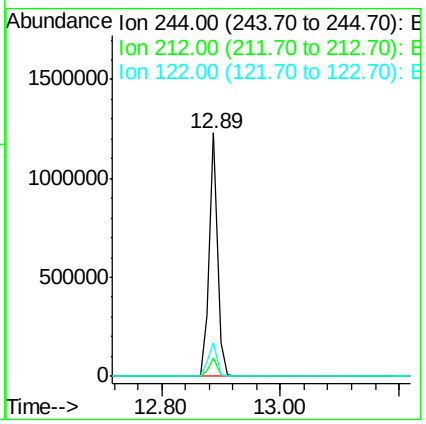


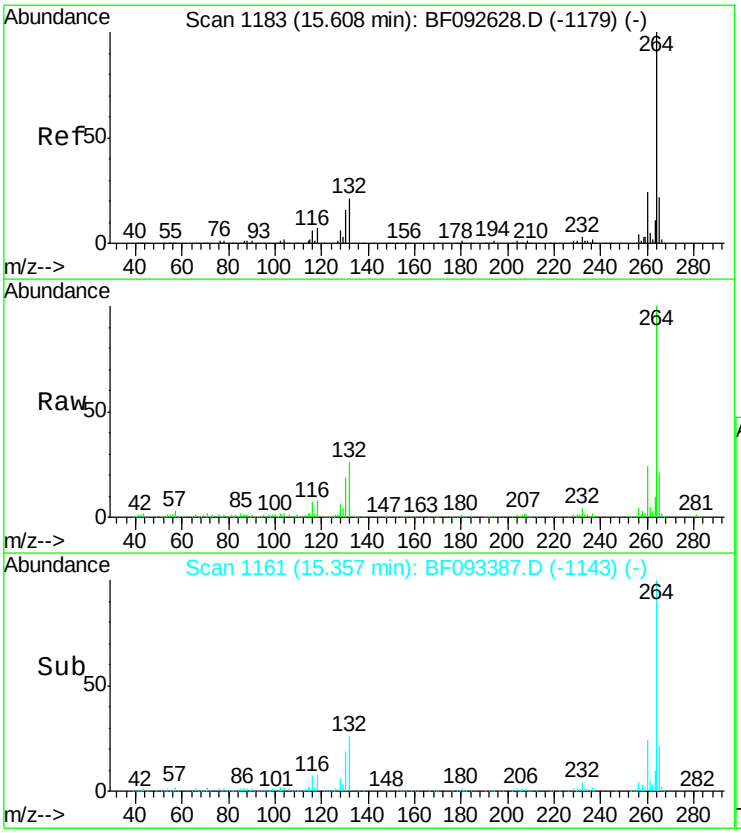
#78
Terphenyl-d14
Concen: 78.71 ng
RT: 12.89 min Scan# 945
Delta R.T. -0.08 min
Lab File: BF093387.D
Acq: 4 Mar 2017 6:11

Instrument :
BNA_F
ClientSampleId :
PB97311TB

Tgt Ion:244 Resp: 1187562

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	13.9	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.09 min
Lab File: BF093387.D
Acq: 4 Mar 2017 6:11

Tgt Ion:264 Resp: 314943

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.4	17.4	26.0