Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
Data File : BF092978.D
Acq On : 16 Feb 2017 6:00
Operator : SJ/MA
Sample : I1790-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 38-WCS021017-0-15

Quant Time: Feb 16 07:13:59 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	175325	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	703946	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	342435	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	511748	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	326442	20.00	ng	-0.03
86) Perylene-d12	15.46	264	296443	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1391018	136.12	ng	0.00
7) Phenol-d6	6.52	99	1753235	133.34	ng	-0.01
23) Nitrobenzene-d5	7.44	82	1192095	94.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	311808	125.90	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1673637	88.54	ng	-0.01
78) Terphenyl-d14	12.98	244	1356991	97.67	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	152789	18.25	ng	# 81
25) Isophorone	7.44	82	1032578	43.84	ng	# 65
50) 2,6-Dinitrotoluene	9.90	165	43834	8.80	ng	# 31
56) 2,4-Dinitrotoluene	9.90	165	43836	6.61	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.69	198	605	2.85	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	21301	3.98	ng	# 1

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

Quantitation Report (Not Reviewed)

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38-WCS021017-0-15

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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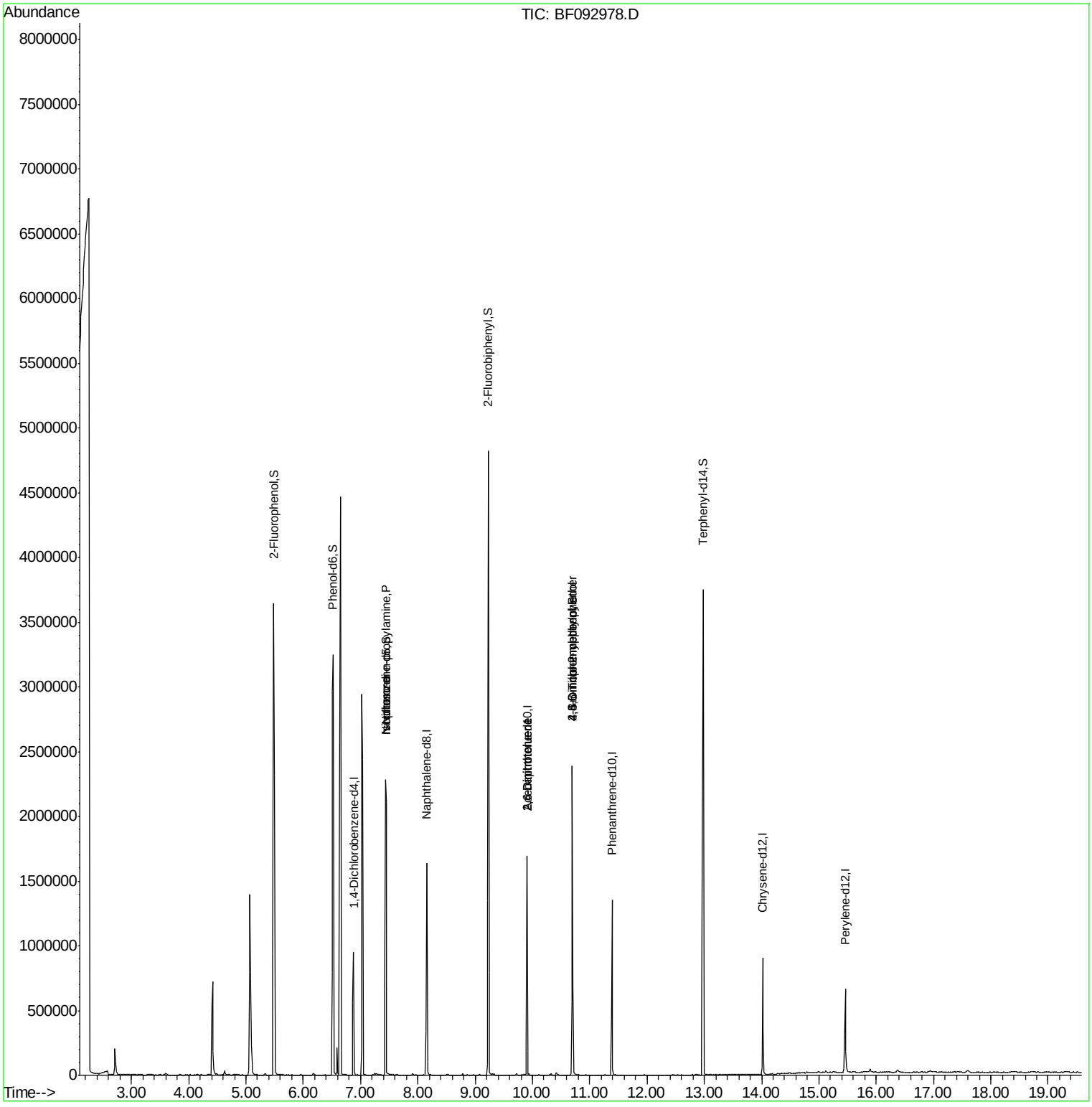
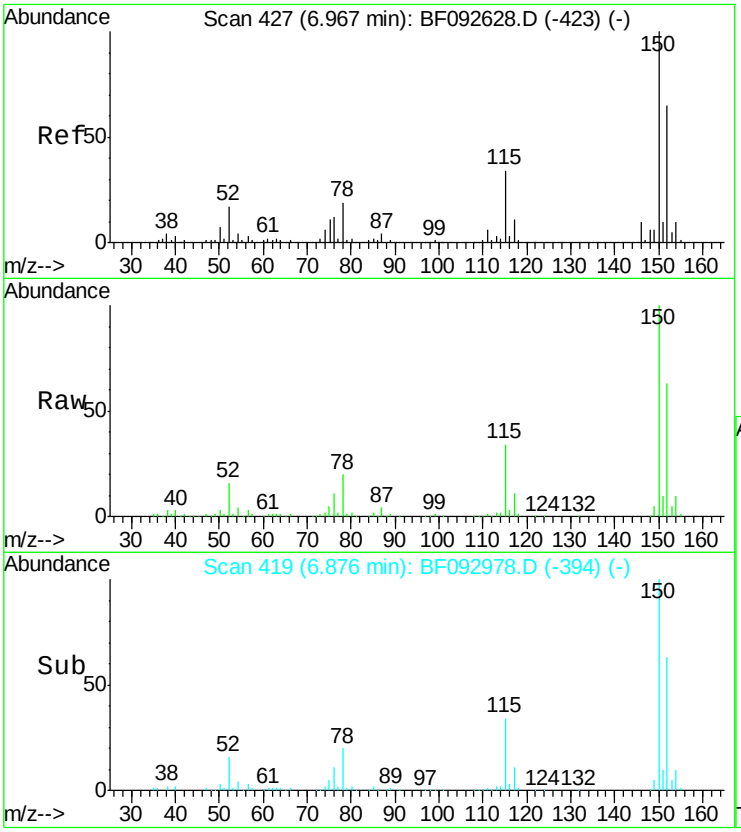


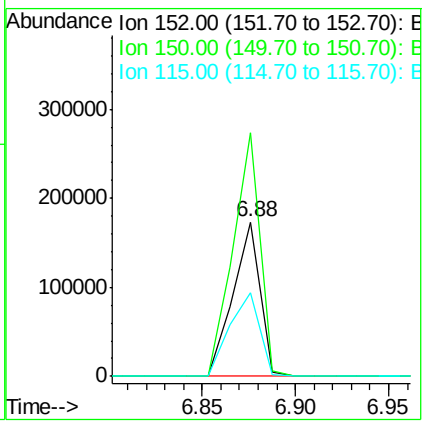


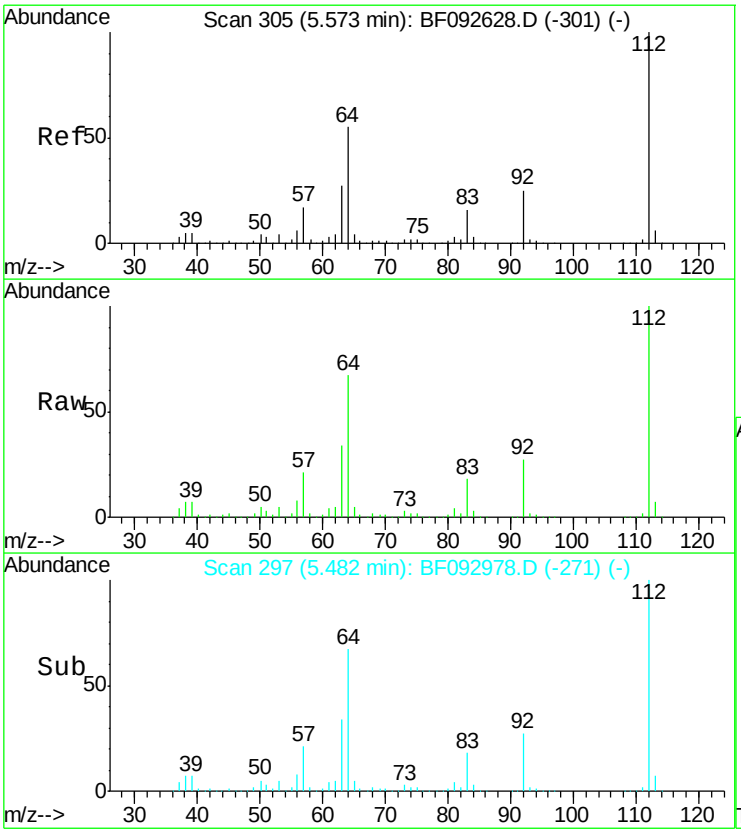
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF092978.D
Acq: 16 Feb 2017 6:00

Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15

Tgt Ion:152 Resp: 175325

Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.9	187.3
115	54.1	46.0	69.0

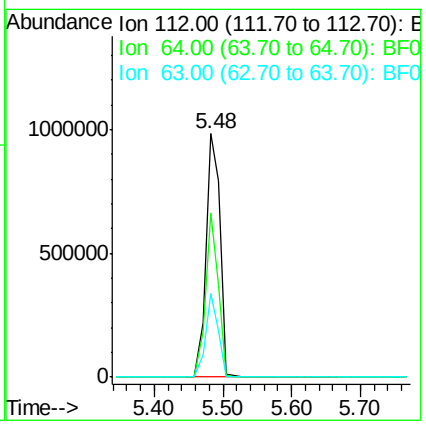


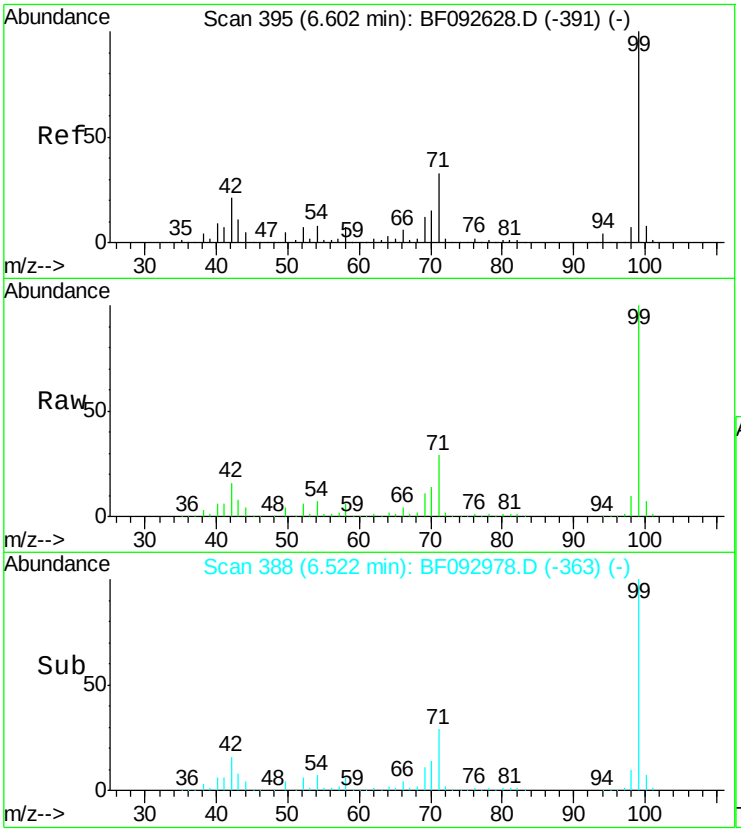


#5
2-Fluorophenol
Concen: 136.12 ng
RT: 5.48 min Scan# 297
Delta R.T. 0.00 min
Lab File: BF092978.D
Acq: 16 Feb 2017 6:00

Tgt Ion:112 Resp: 1391018

Ion	Ratio	Lower	Upper
112	100		
64	67.2	46.1	69.1
63	34.1	23.8	35.6



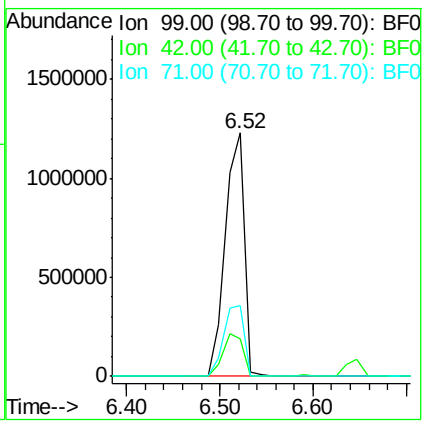


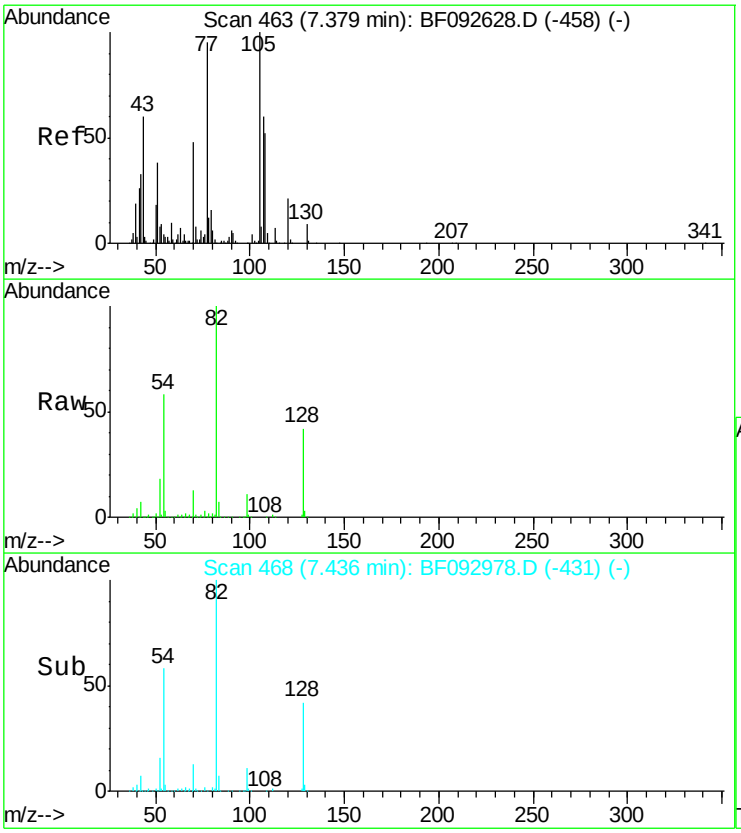
#7
Phenol-d6
Concen: 133.34 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.01 min
Lab File: BF092978.D
Acq: 16 Feb 2017 6:00

Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15

Tgt Ion: 99 Resp: 1753235

Ion	Ratio	Lower	Upper
99	100		
42	15.7	15.6	23.4
71	29.3	27.5	41.3

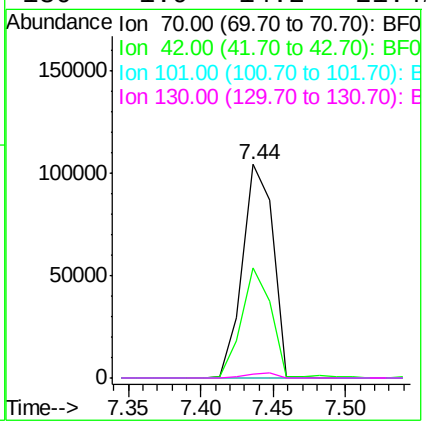


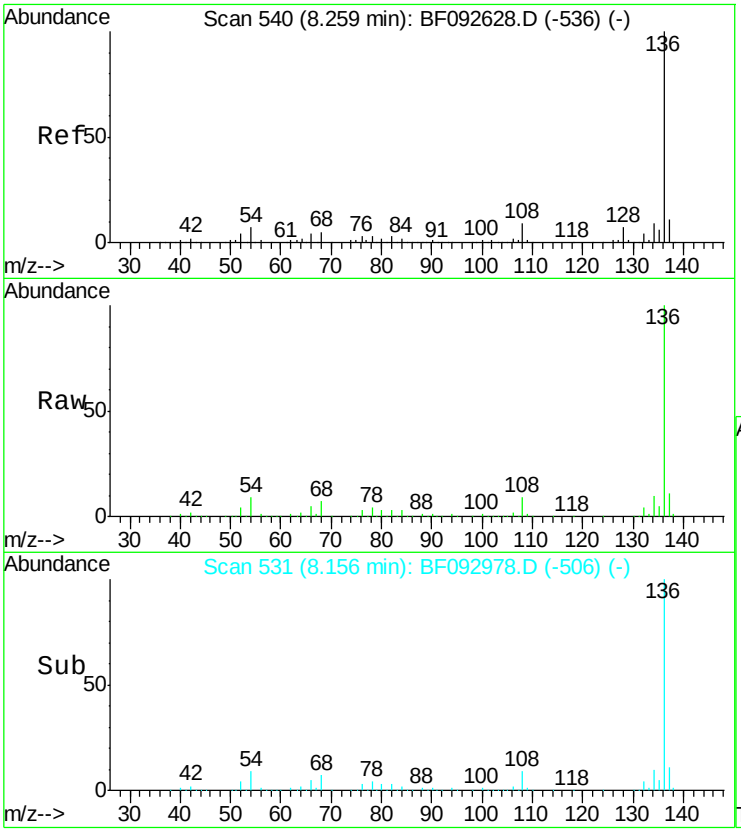


#19
n-Nitroso-di-n-propylamine
Concen: 18.25 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.13 min
Lab File: BF092978.D
Acq: 16 Feb 2017 6:00

Tgt Ion: 70 Resp: 152789

Ion	Ratio	Lower	Upper
70	100		
42	51.6	49.4	74.0
101	0.0	7.4	11.2#
130	1.9	14.2	21.4#



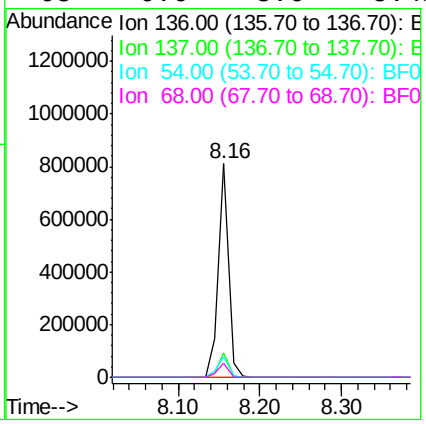


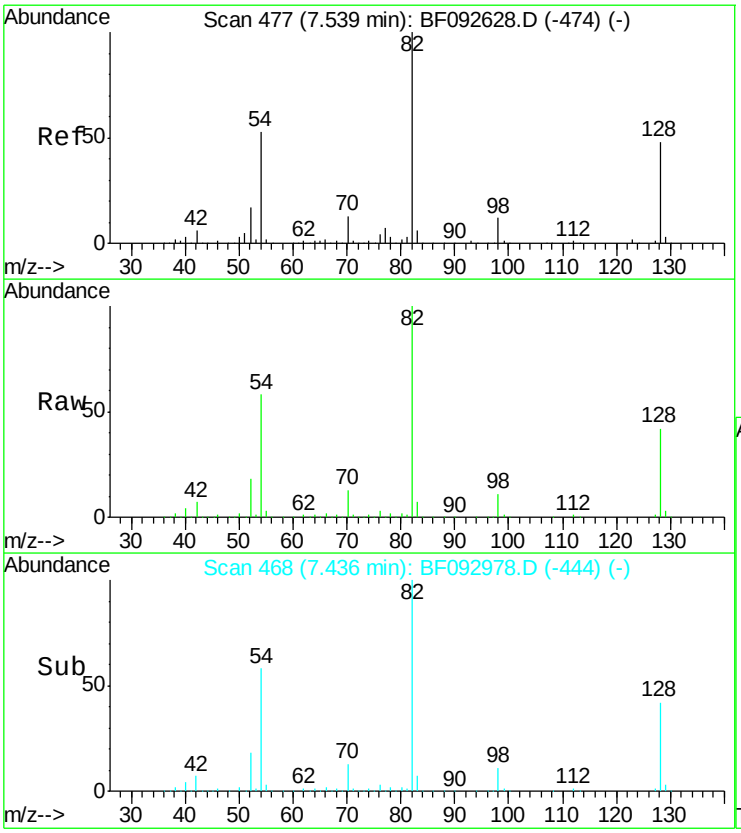
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF092978.D
Acq: 16 Feb 2017 6:00

Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15

Tgt Ion:136 Resp: 703946

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	9.5	4.5	6.7#
68	6.6	3.6	5.4#

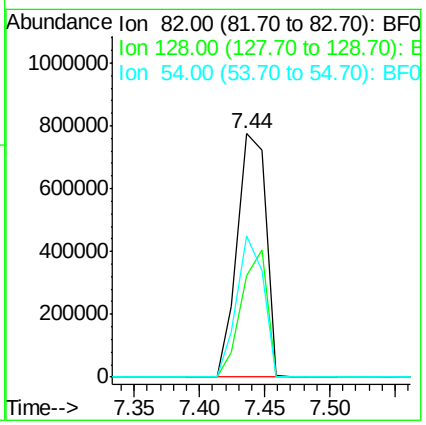


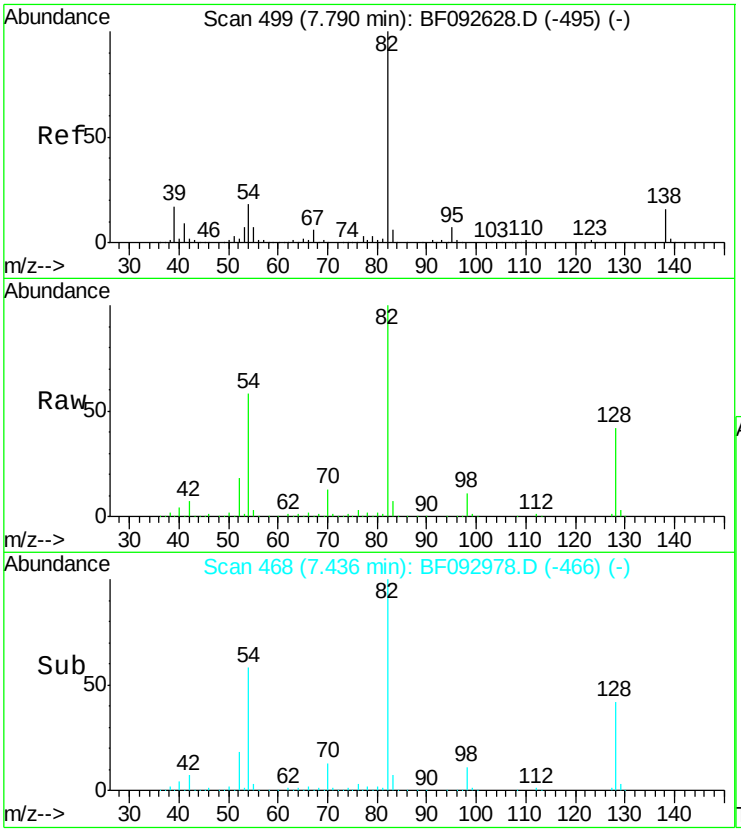


#23
Nitrobenzene-d5
Concen: 94.30 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF092978.D
Acq: 16 Feb 2017 6:00

Tgt Ion: 82 Resp: 1192095

Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.6	52.0
54	58.2	39.5	59.3



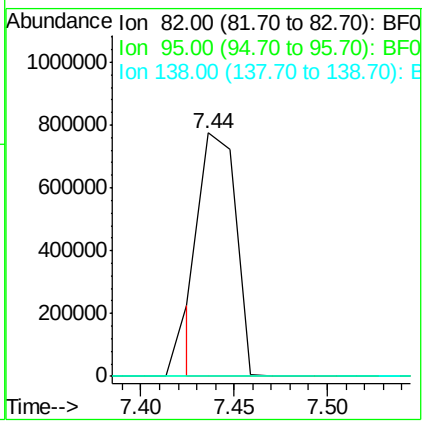


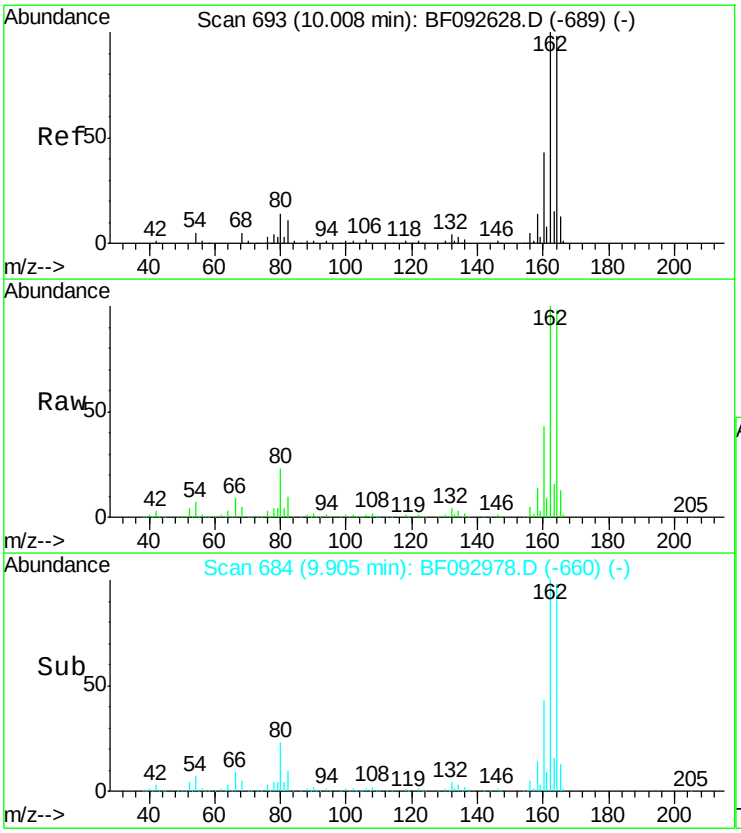
#25
Isophorone
Concen: 43.84 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.27 min
Lab File: BF092978.D
Acq: 16 Feb 2017 6:00

Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15

Tgt Ion: 82 Resp: 1032578

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

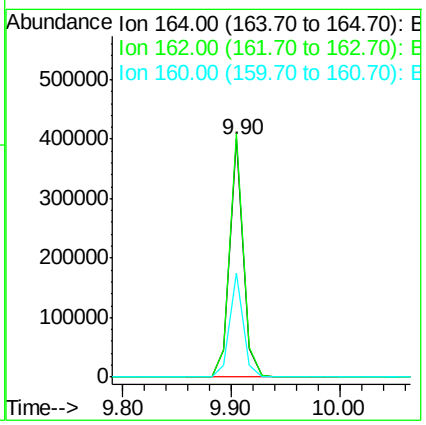


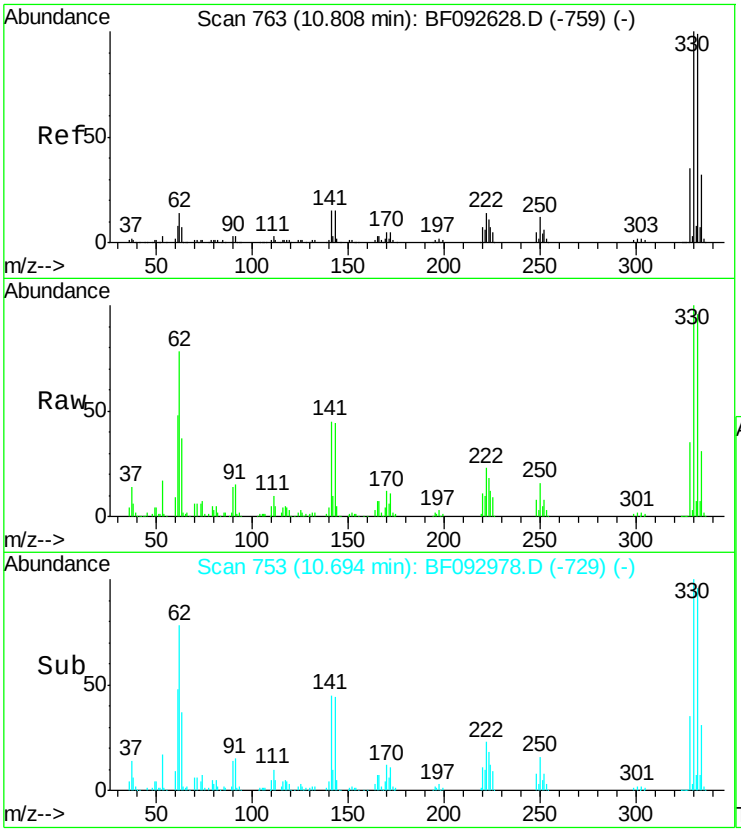


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF092978.D
Acq: 16 Feb 2017 6:00

Tgt Ion:164 Resp: 342435

Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.2	120.2
160	43.5	36.9	55.3



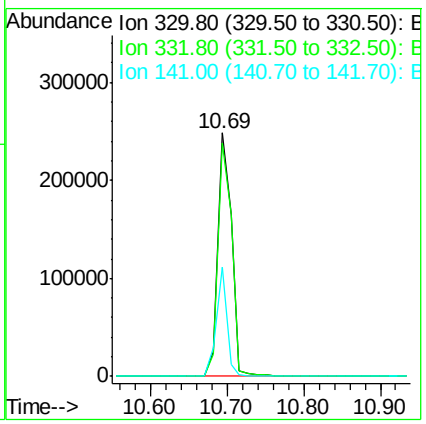


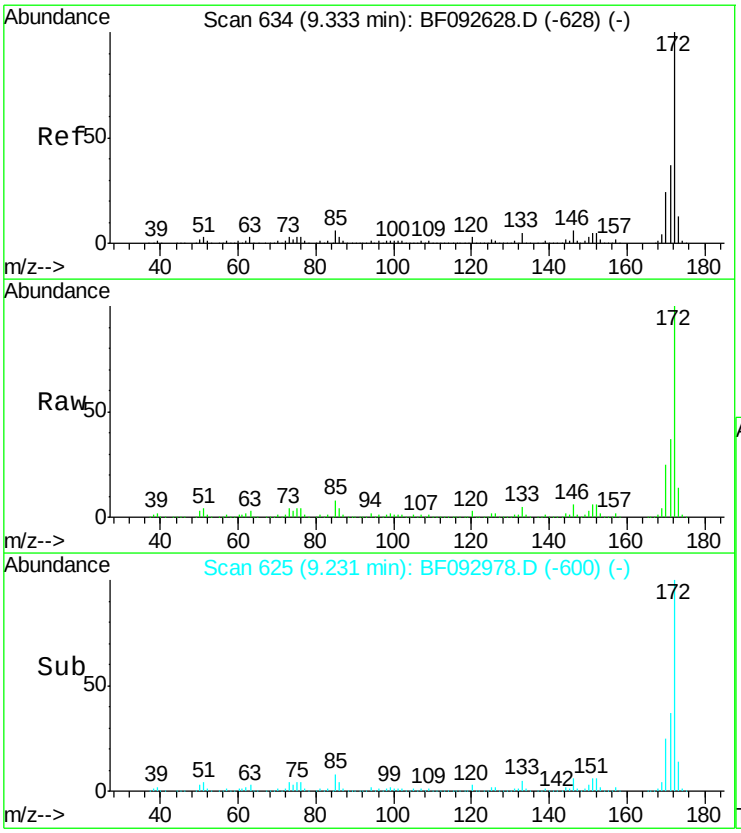
#41
2,4,6-Tribromophenol
Concen: 125.90 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF092978.D
Acq: 16 Feb 2017 6:00

Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15

Tgt Ion:330 Resp: 311808

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	34.7	34.1	51.1

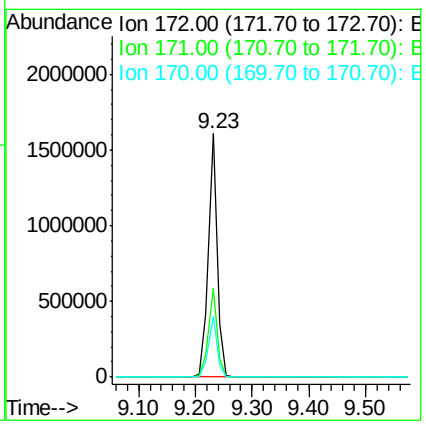


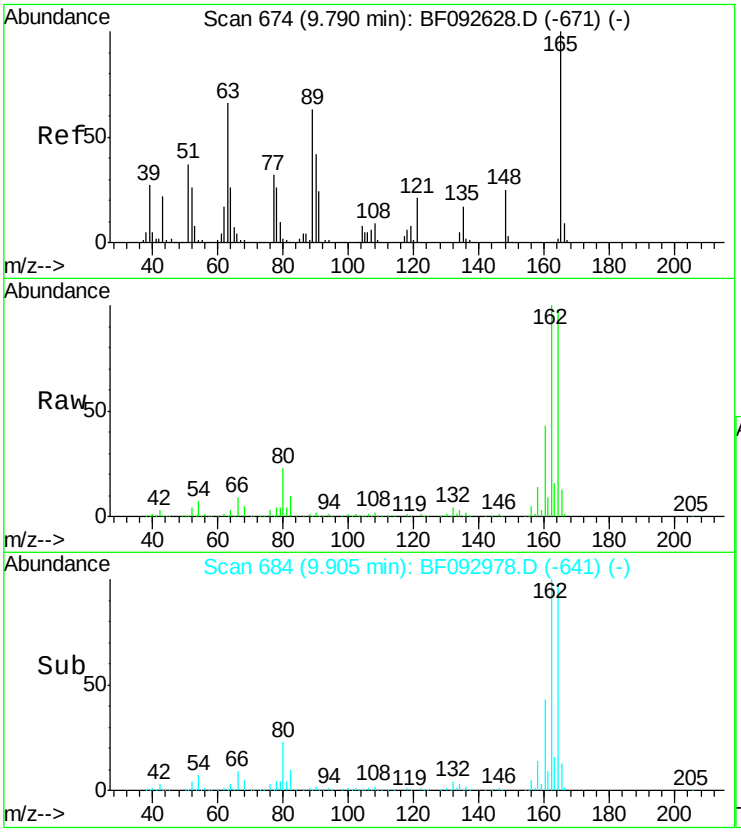


#44
2-Fluorobiphenyl
Concen: 88.54 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF092978.D
Acq: 16 Feb 2017 6:00

Tgt Ion:172 Resp: 1673637

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.6	20.2	30.4



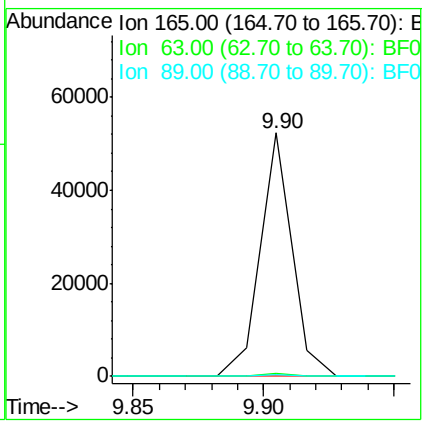


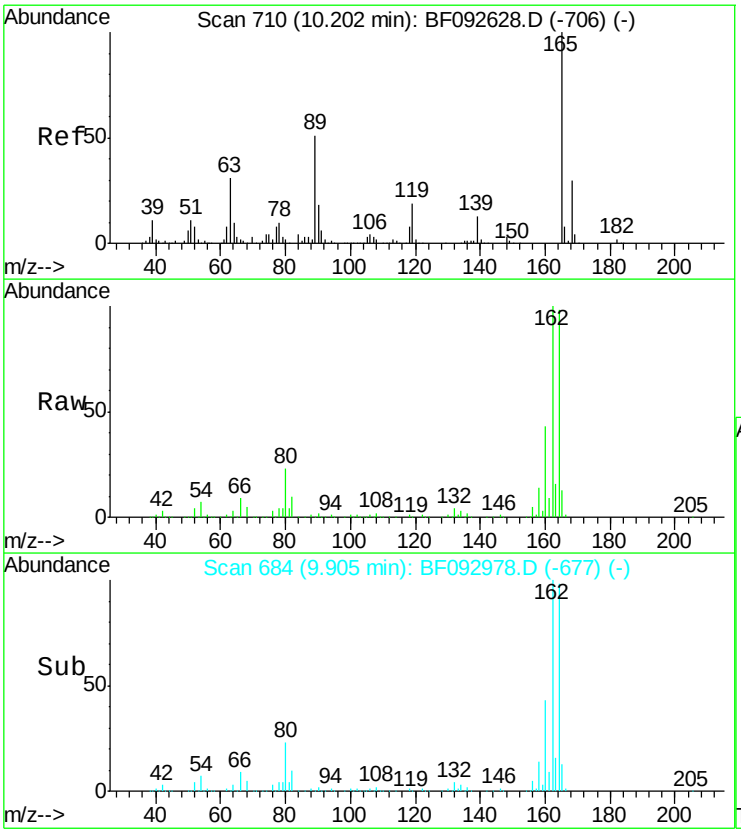
#50
2,6-Dinitrotoluene
Concen: 8.80 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.19 min
Lab File: BF092978.D
Acq: 16 Feb 2017 6:00

Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15

Tgt Ion:165 Resp: 43834

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.2	54.4#
89	0.9	40.2	60.4#

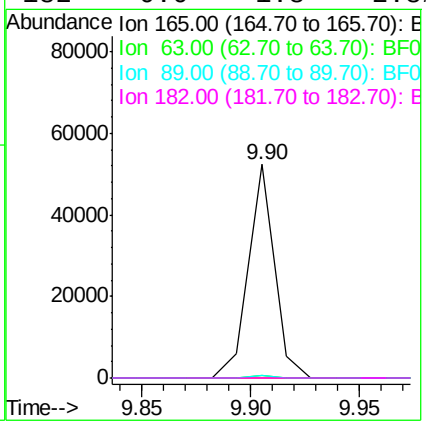


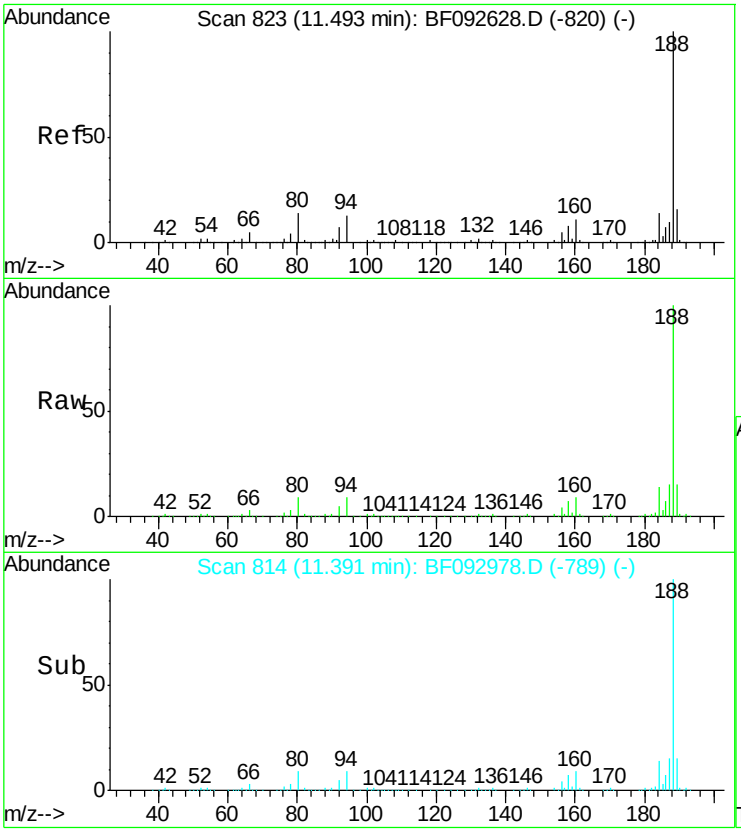


#56
2,4-Dinitrotoluene
Concen: 6.61 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.22 min
Lab File: BF092978.D
Acq: 16 Feb 2017 6:00

Tgt Ion:165 Resp: 43836

Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.2	60.4#
89	0.9	62.5	93.7#
182	0.0	1.8	2.8#



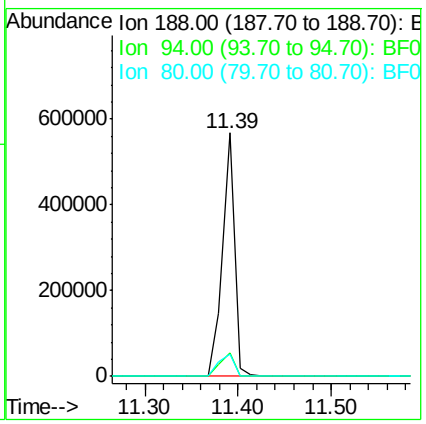


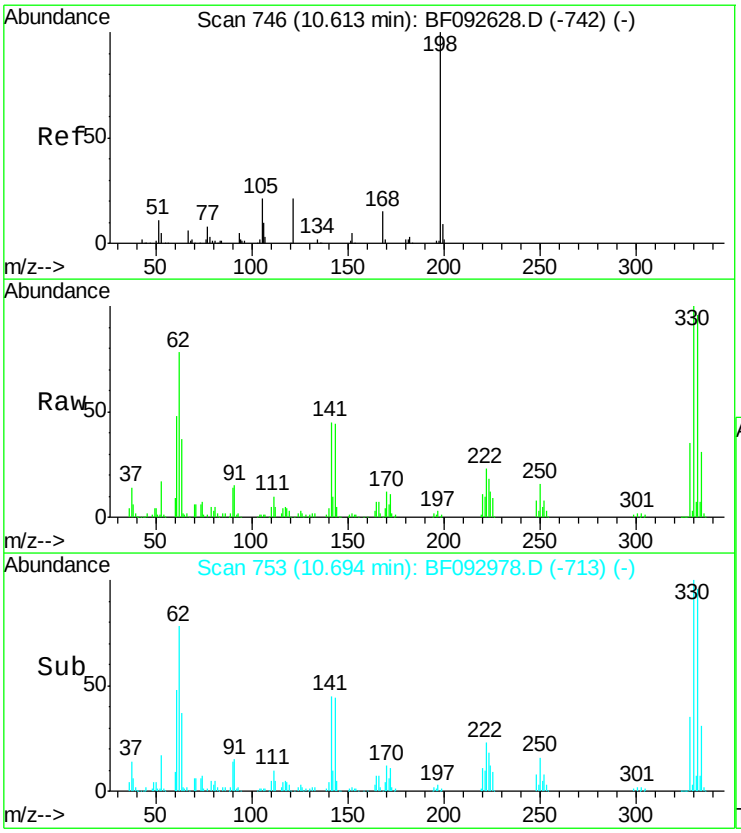
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092978.D
Acq: 16 Feb 2017 6:00

Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15

Tgt Ion:188 Resp: 511748

Ion	Ratio	Lower	Upper
188	100		
94	9.4	10.0	15.0#
80	9.2	11.2	16.8#

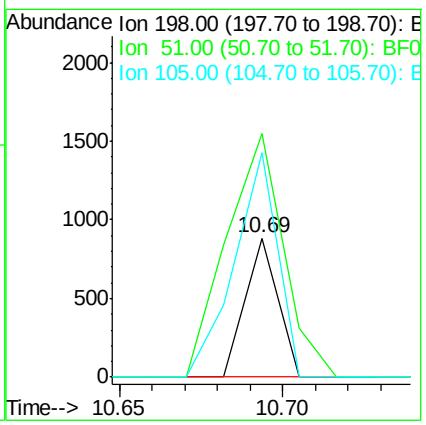


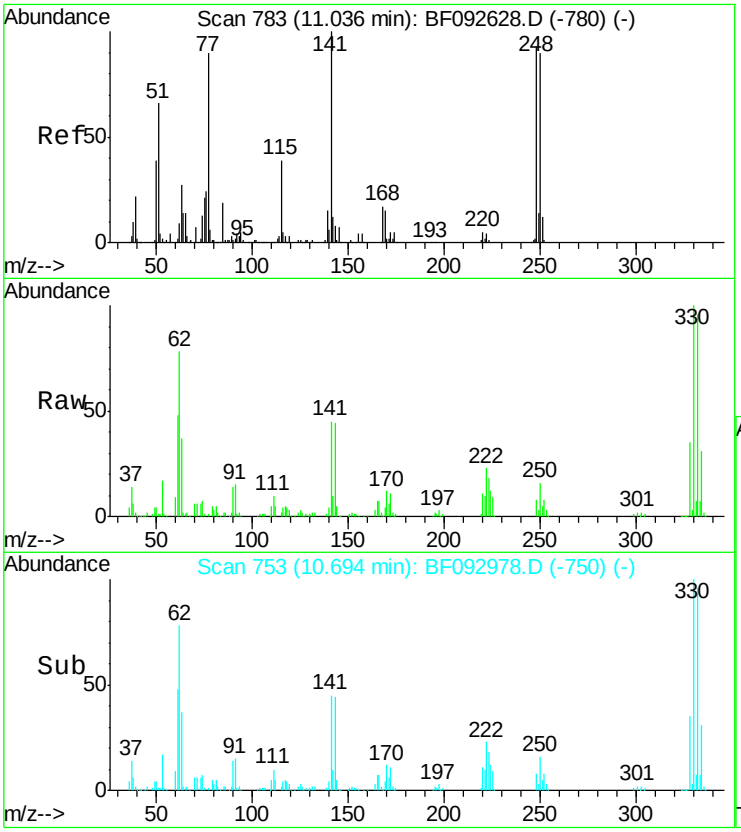


#64
4,6-Dinitro-2-methylphenol
Concen: 2.85 ng
RT: 10.69 min Scan# 753
Delta R.T. 0.16 min
Lab File: BF092978.D
Acq: 16 Feb 2017 6:00

Tgt Ion:198 Resp: 605

Ion	Ratio	Lower	Upper
198	100		
51	175.5	6.7	46.7#
105	162.1	16.6	56.6#



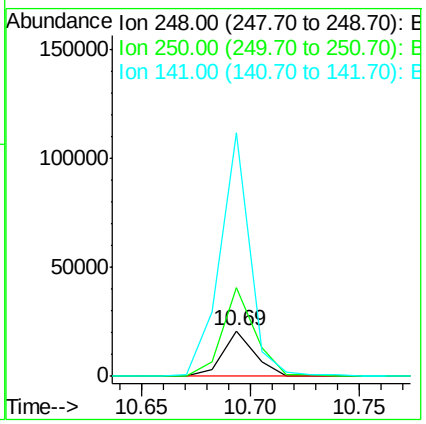


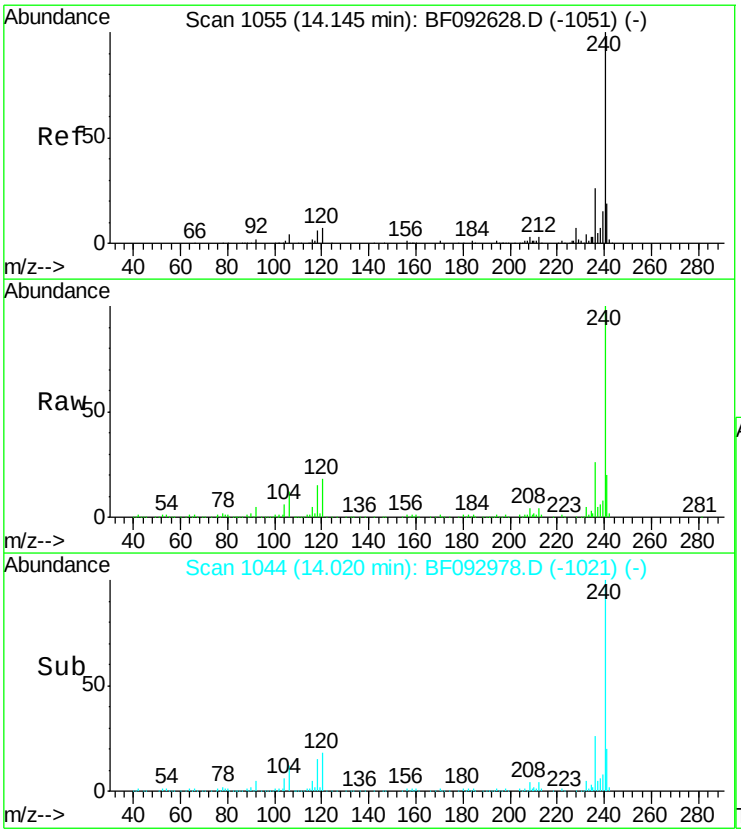
#66
4-Bromophenyl-phenylether
Concen: 3.98 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.26 min
Lab File: BF092978.D
Acq: 16 Feb 2017 6:00

Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15

Tgt Ion:248 Resp: 21301

Ion	Ratio	Lower	Upper
248	100		
250	193.6	76.9	115.3#
141	532.9	68.2	102.4#

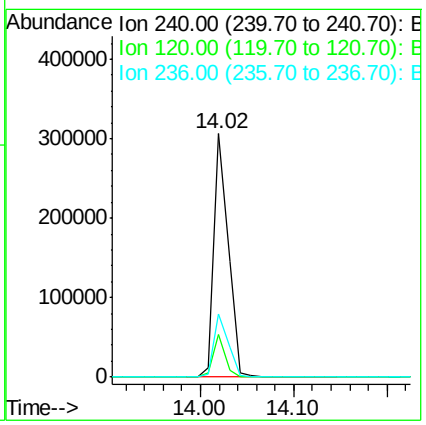


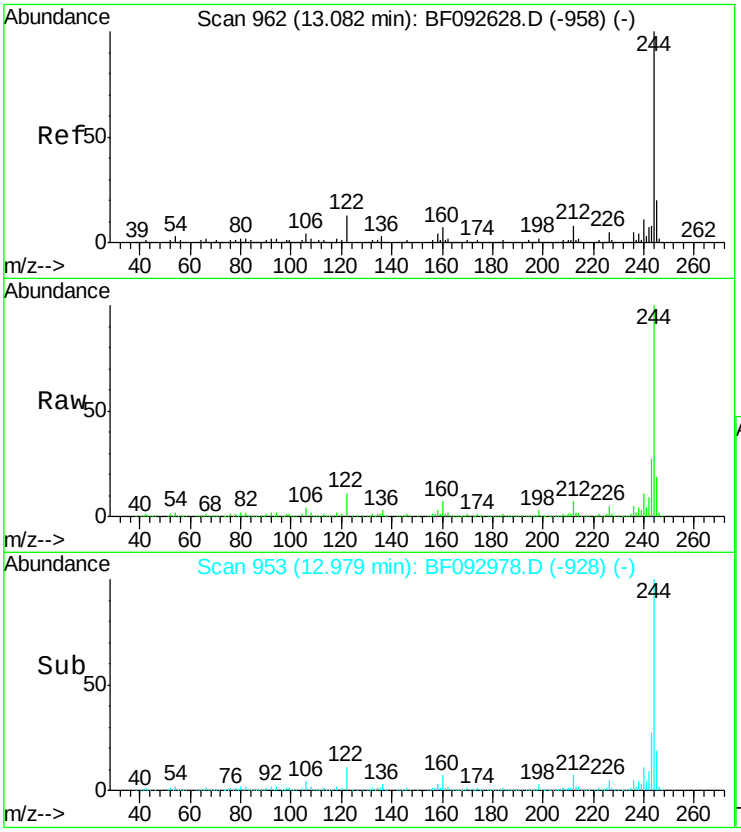


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF092978.D
Acq: 16 Feb 2017 6:00

Tgt Ion:240 Resp: 326442

Ion	Ratio	Lower	Upper
240	100		
120	17.6	12.9	19.3
236	26.1	20.9	31.3



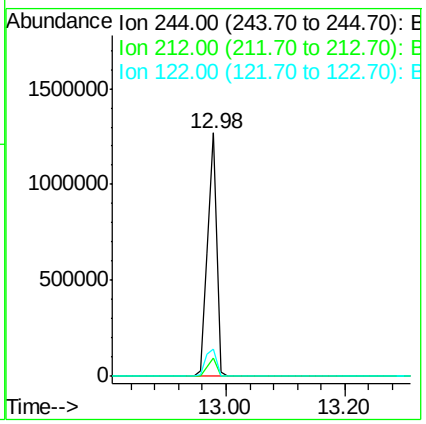


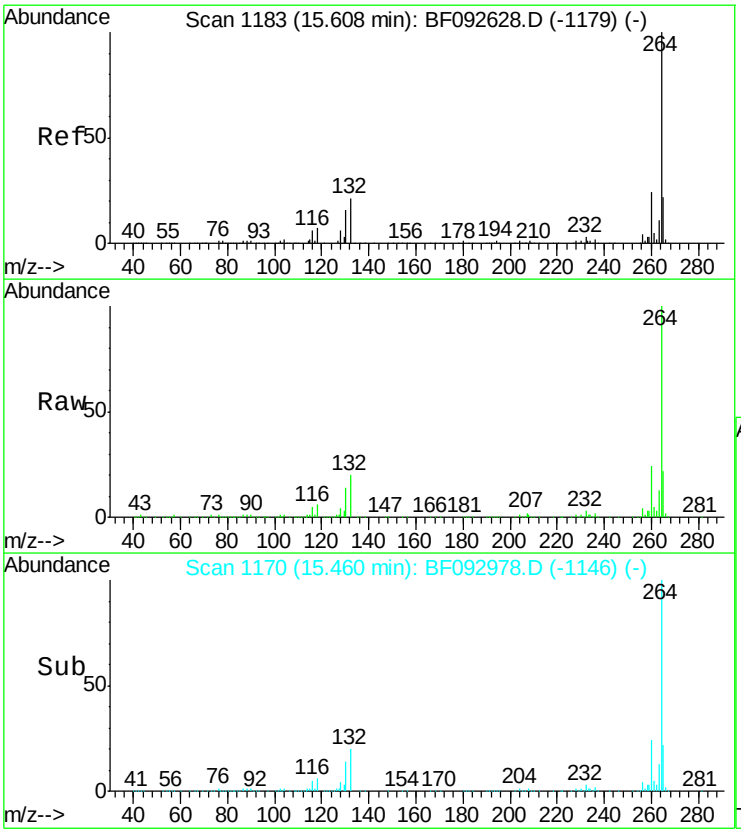
#78
Terphenyl-d14
Concen: 97.67 ng
RT: 12.98 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF092978.D
Acq: 16 Feb 2017 6:00

Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15

Tgt Ion:244 Resp: 1356991

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	11.1	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF092978.D
Acq: 16 Feb 2017 6:00

Tgt Ion:264 Resp: 296443

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.8	17.4	26.0