Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF022017\
Data File : BF093059.D
Acq On : 21 Feb 2017 7:12
Operator : SJ/MA
Sample : I1884-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 21 13:02:51 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	6.84	152	156753	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	611705	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	274548	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	502188	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	328283	20.00	ng		-0.01
86) Perylene-d12	15.44	264	299832	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1119616	122.54	ng		0.00
7) Phenol-d6	6.49	99	1278194	108.73	ng		0.00
23) Nitrobenzene-d5	7.41	82	895445	81.52	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	317087	159.69	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1696923	111.98	ng		0.00
78) Terphenyl-d14	12.96	244	1217724	87.16	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	117918	15.76	ng	#	81
25) Isophorone	7.41	82	736272	35.97	ng	#	65
31) Naphthalene	8.16	128	126246	4.07	ng		99
32) Benzoic acid	8.16	122	337	7.22	ng	#	1
50) 2,6-Dinitrotoluene	9.88	165	35073	8.78	ng	#	31
56) 2,4-Dinitrotoluene	9.88	165	35074	6.60	ng	#	20
64) 4,6-Dinitro-2-methylphenol	10.68	198	748	2.90	ng	#	1
66) 4-Bromophenyl-phenylether	10.68	248	23296	4.44	ng	#	1
76) Benzidine	12.70	184	49232	3.52	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF022017\
Data File : BF093059.D
Acq On : 21 Feb 2017 7:12
Operator : SJ/MA
Sample : I1884-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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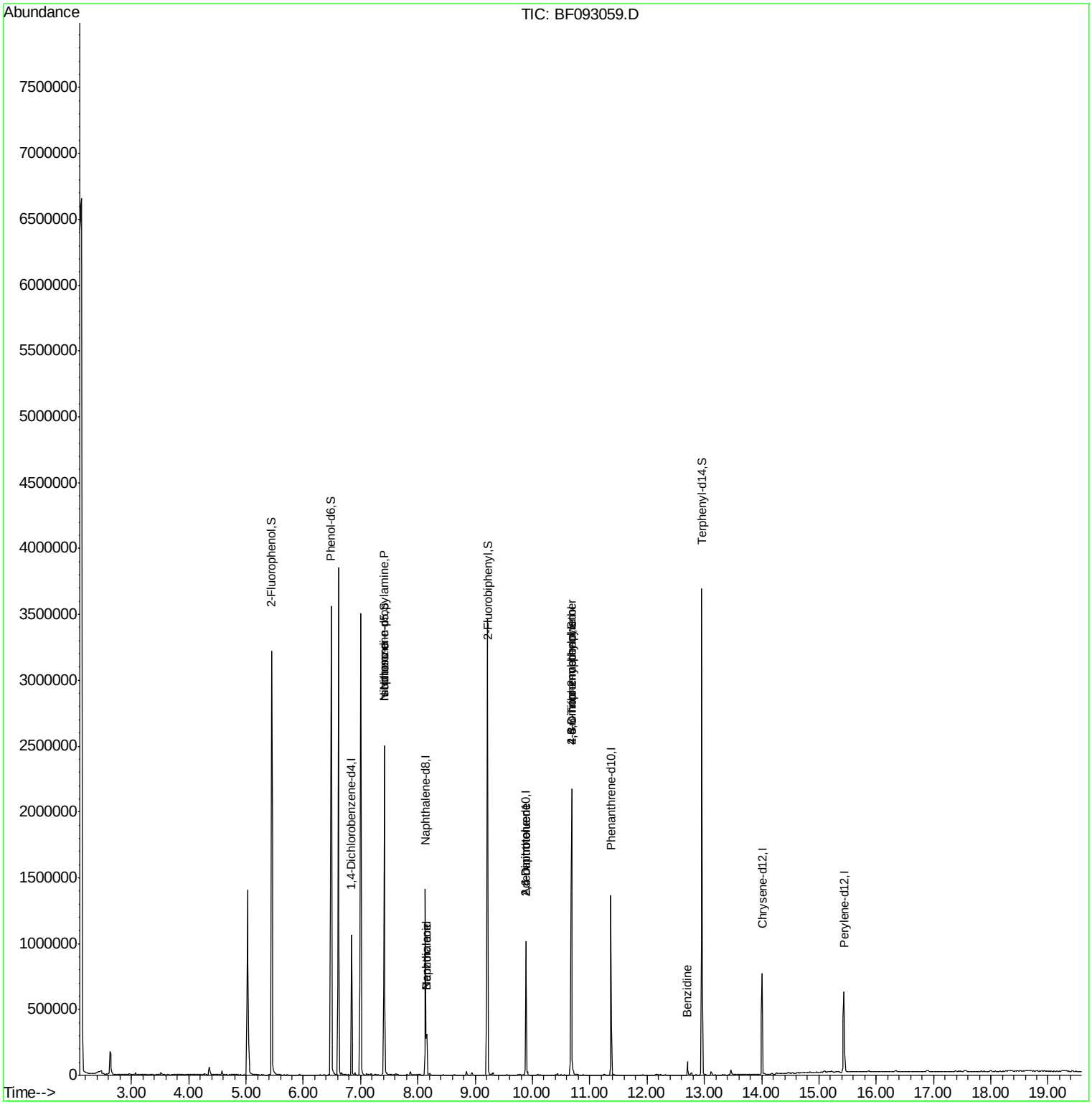
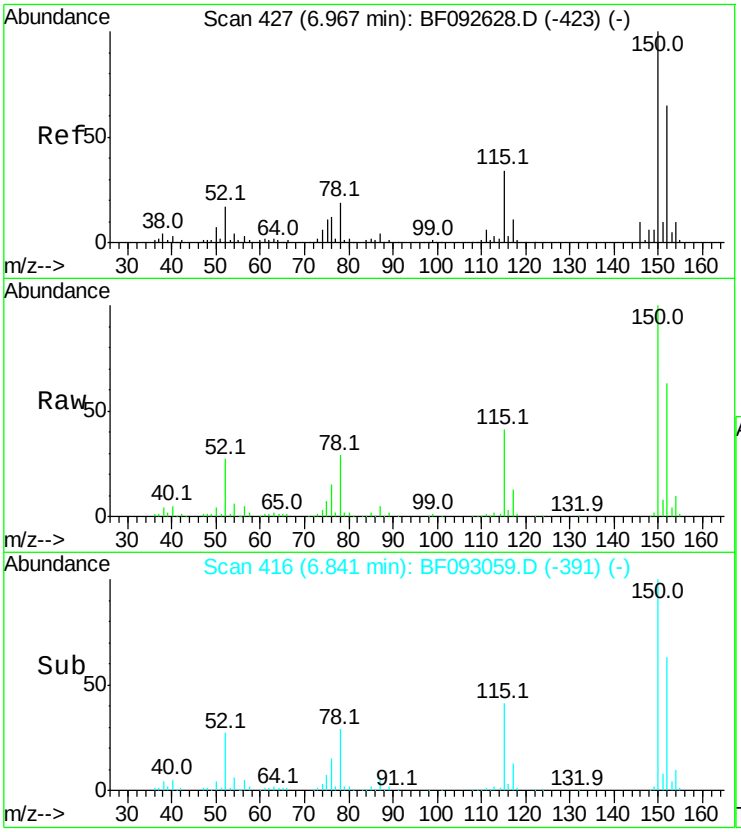


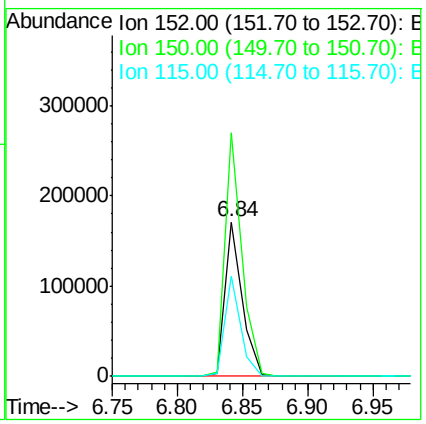


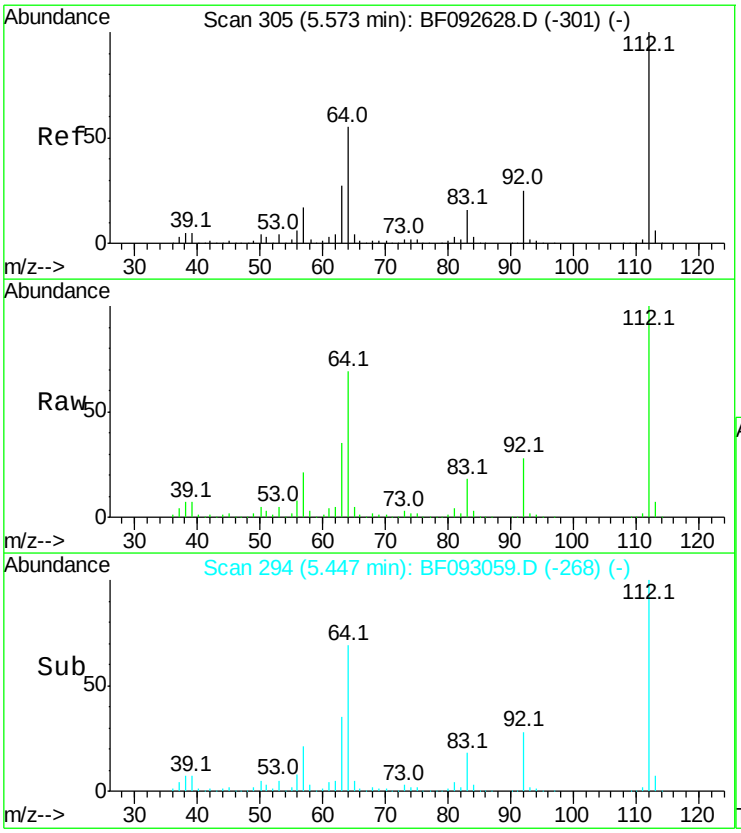
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093059.D
Acq: 21 Feb 2017 7:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 156753

Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.9	187.3
115	65.3	46.0	69.0

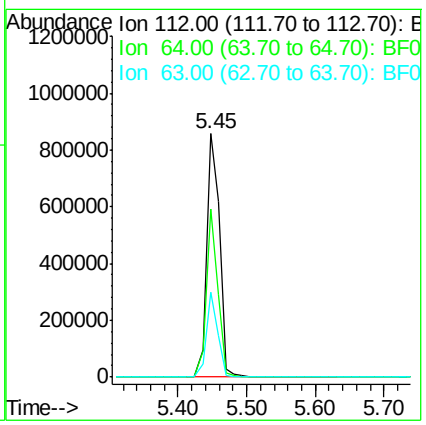


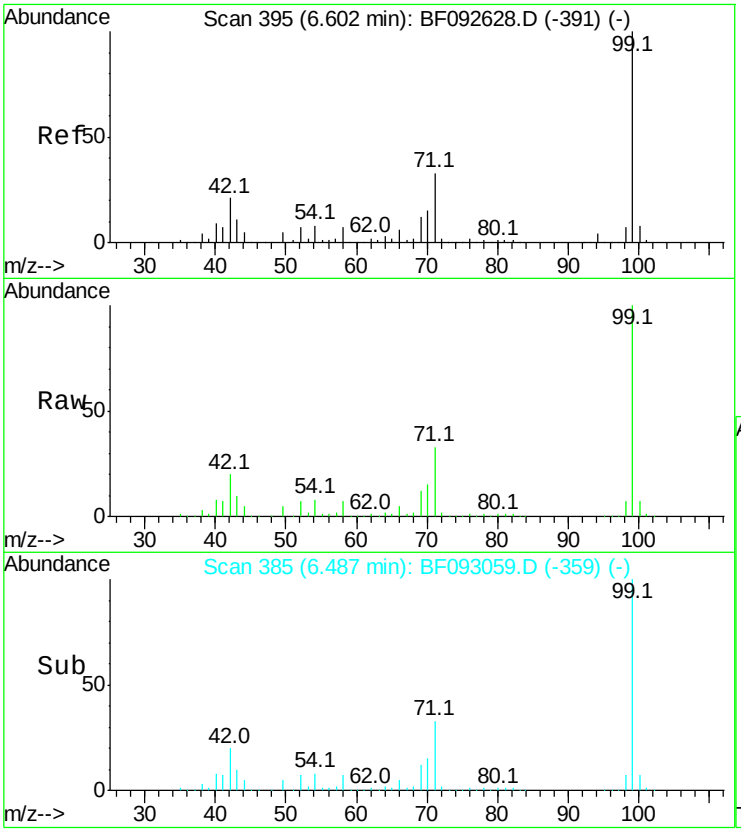


#5
2-Fluorophenol
Concen: 122.54 ng
RT: 5.45 min Scan# 294
Delta R.T. -0.00 min
Lab File: BF093059.D
Acq: 21 Feb 2017 7:12

Tgt Ion:112 Resp: 1119616

Ion	Ratio	Lower	Upper
112	100		
64	69.0	46.1	69.1
63	34.7	23.8	35.6



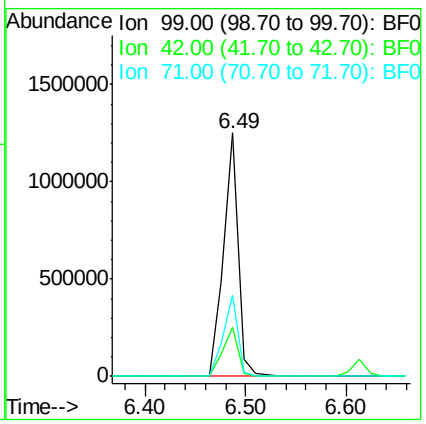


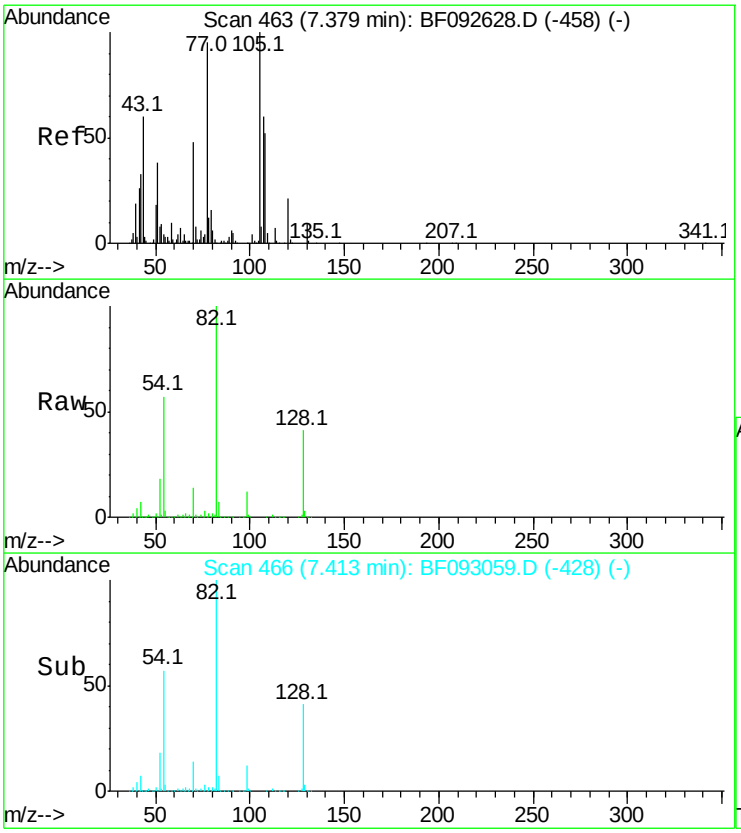
#7
Phenol-d6
Concen: 108.73 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF093059.D
Acq: 21 Feb 2017 7:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1278194

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.6	23.4
71	33.1	27.5	41.3

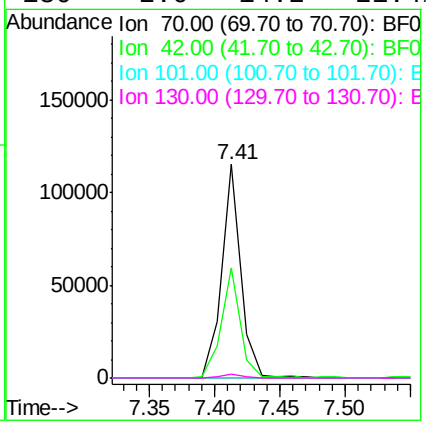


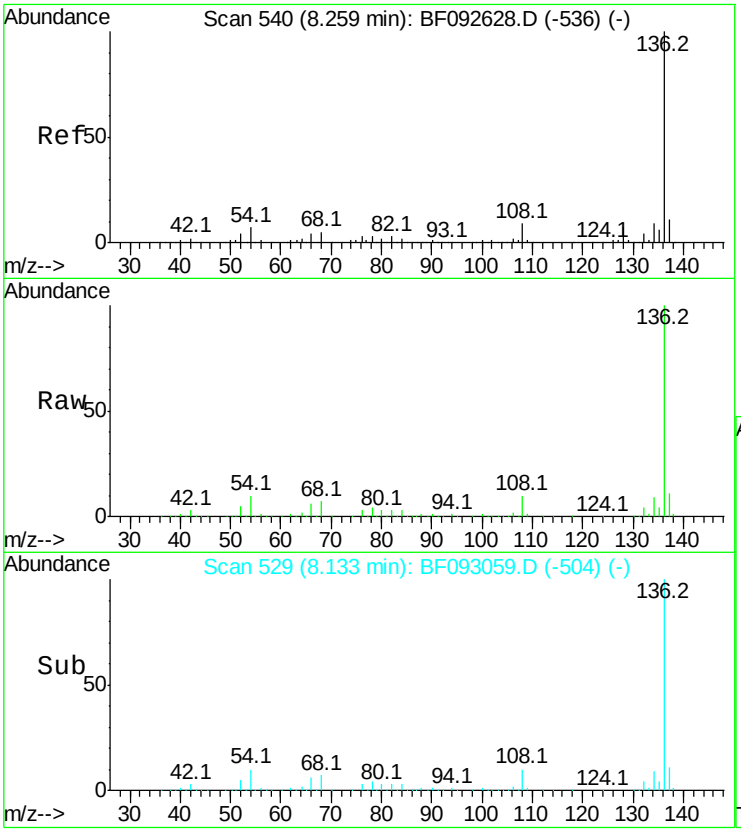


#19
n-Nitroso-di-n-propylamine
Concen: 15.76 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.14 min
Lab File: BF093059.D
Acq: 21 Feb 2017 7:12

Tgt Ion: 70 Resp: 117918

Ion	Ratio	Lower	Upper
70	100		
42	51.8	49.4	74.0
101	0.0	7.4	11.2#
130	2.0	14.2	21.4#



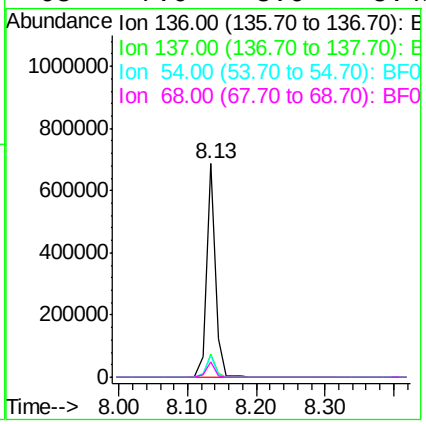


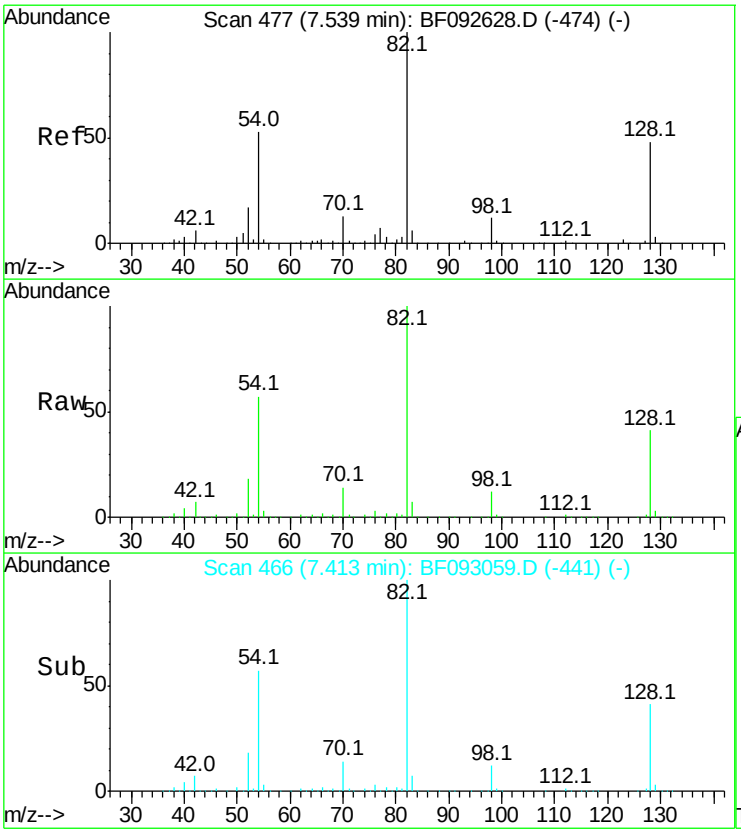
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093059.D
Acq: 21 Feb 2017 7:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 611705

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	10.3	4.5	6.7#
68	7.0	3.6	5.4#

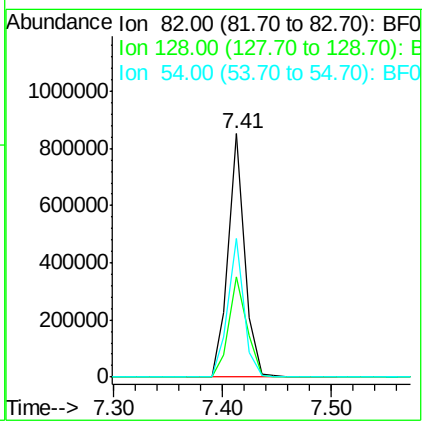


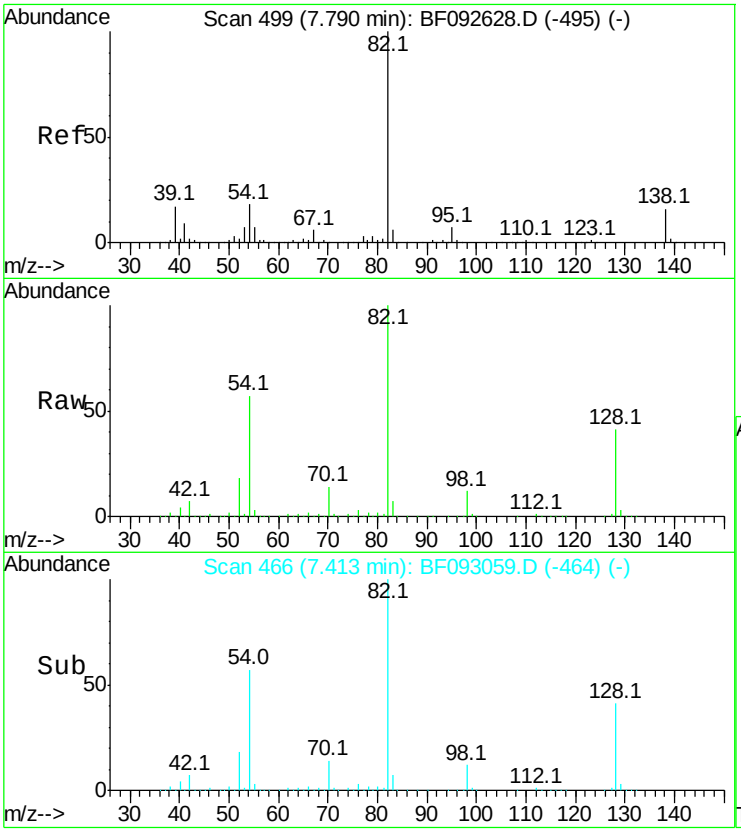


#23
Nitrobenzene-d5
Concen: 81.52 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093059.D
Acq: 21 Feb 2017 7:12

Tgt Ion: 82 Resp: 895445

Ion	Ratio	Lower	Upper
82	100		
128	41.4	34.6	52.0
54	57.2	39.5	59.3



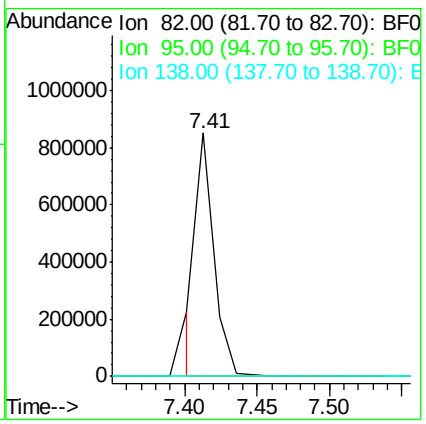


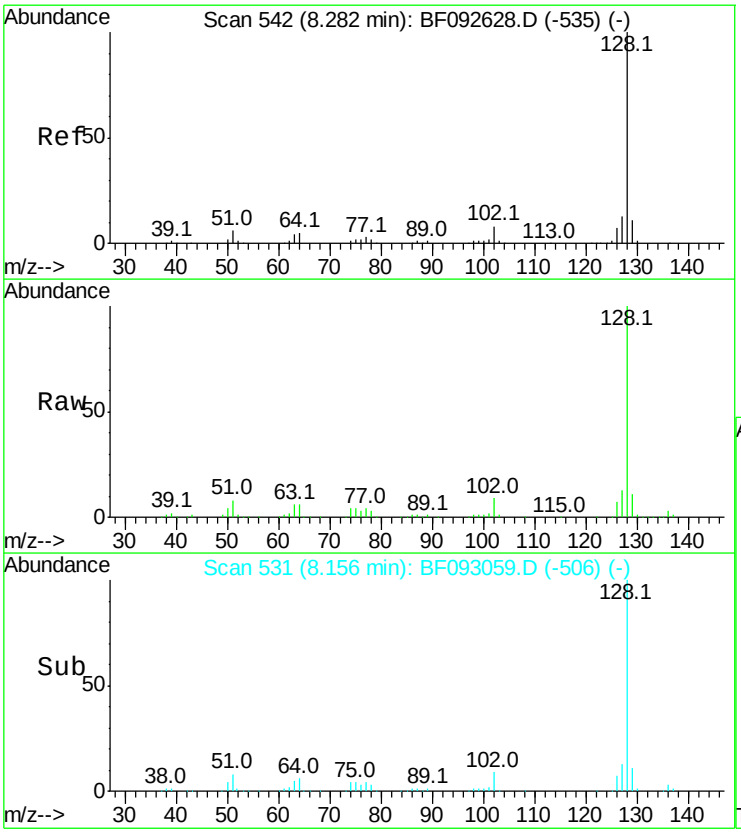
#25
Isophorone
Concen: 35.97 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.27 min
Lab File: BF093059.D
Acq: 21 Feb 2017 7:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 736272

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

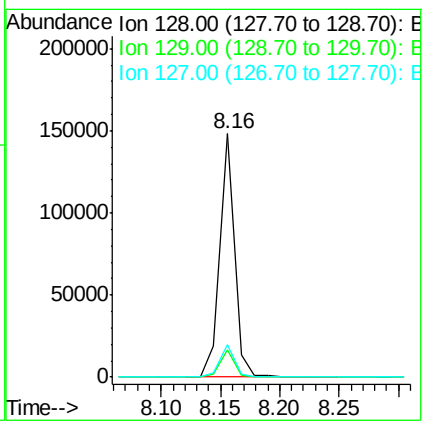


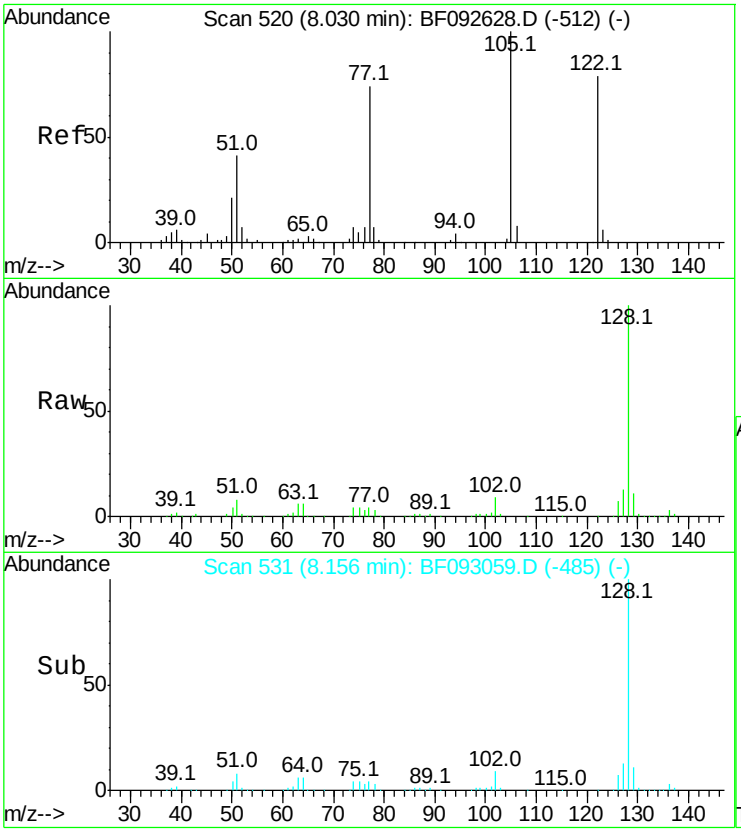


#31
Naphthalene
Concen: 4.07 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF093059.D
Acq: 21 Feb 2017 7:12

Tgt Ion:128 Resp: 126246

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.5	14.3
127	13.3	10.8	16.2



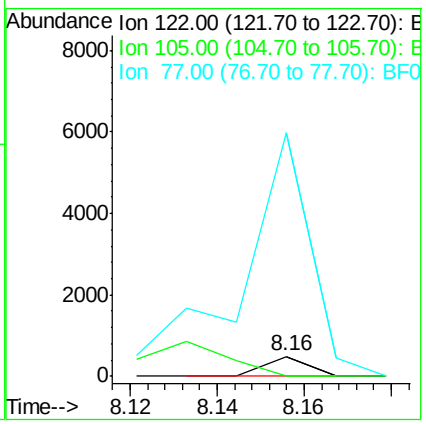


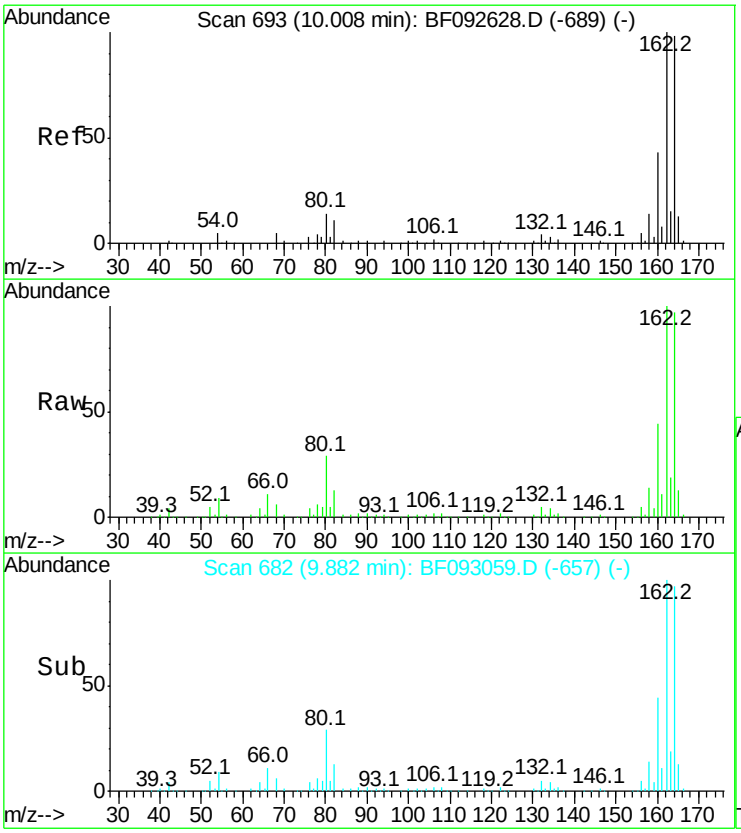
#32
Benzoic acid
Concen: 7.22 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.23 min
Lab File: BF093059.D
Acq: 21 Feb 2017 7:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 337

Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.2	147.2#
77	1215.4	74.5	114.5#

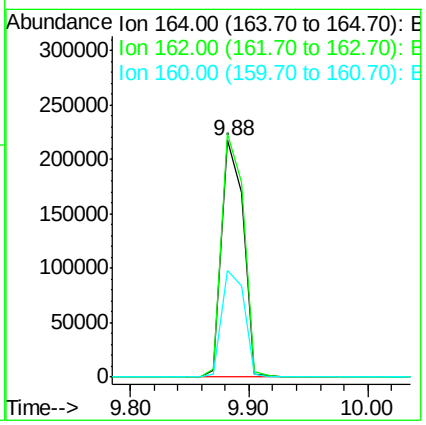


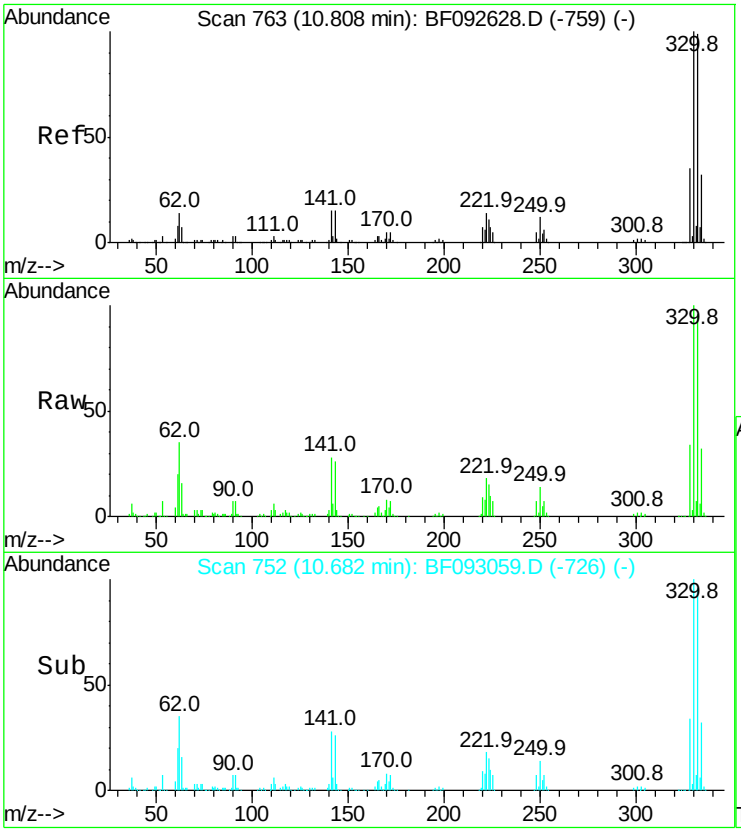


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093059.D
Acq: 21 Feb 2017 7:12

Tgt Ion:164 Resp: 274548

Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.2	120.2
160	44.7	36.9	55.3



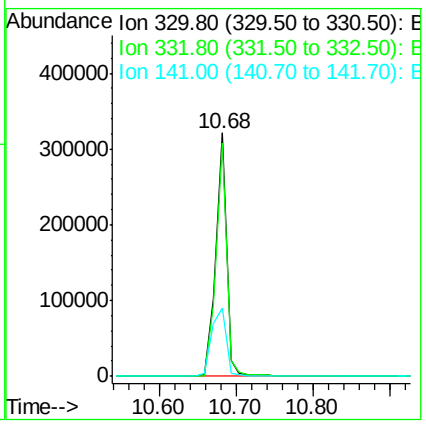


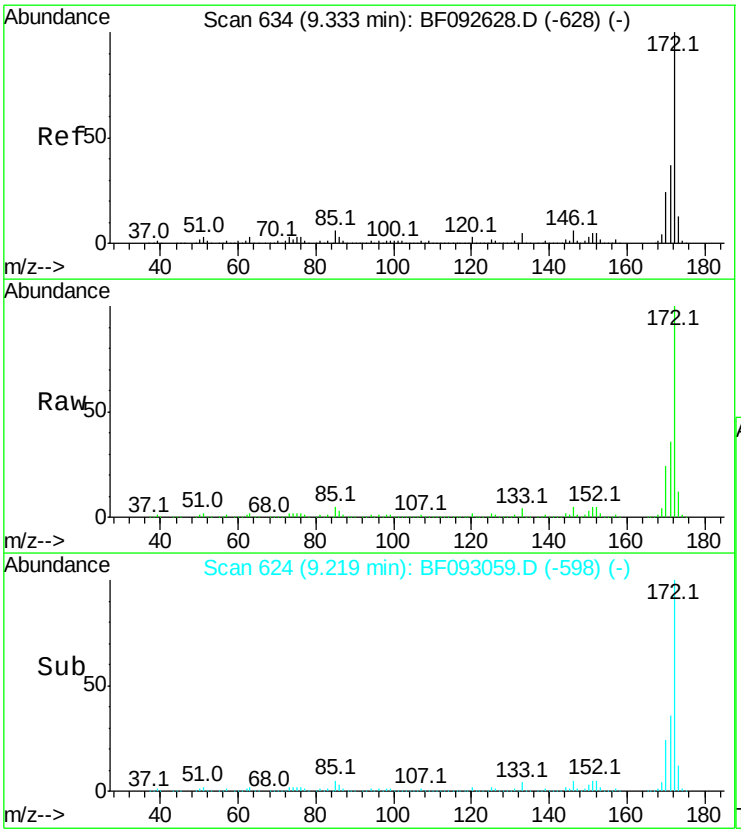
#41
2,4,6-Tribromophenol
Concen: 159.69 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF093059.D
Acq: 21 Feb 2017 7:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 317087

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.4	116.2
141	37.4	34.1	51.1

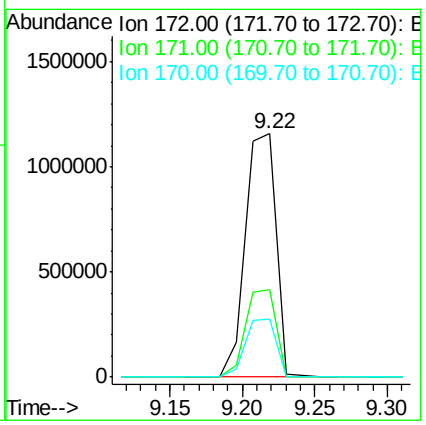


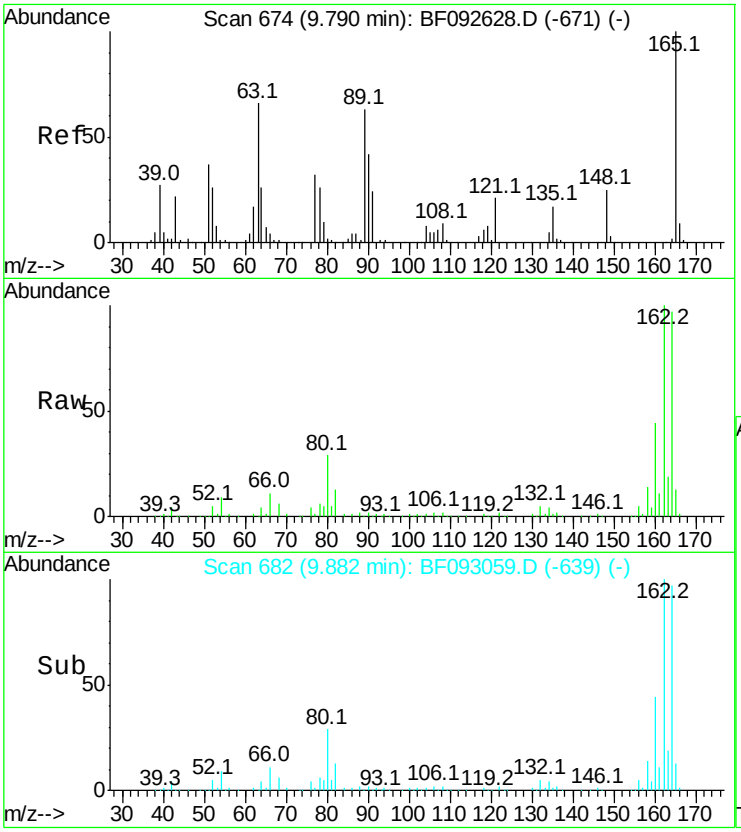


#44
2-Fluorobiphenyl
Concen: 111.98 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF093059.D
Acq: 21 Feb 2017 7:12

Tgt Ion:172 Resp: 1696923

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.0	20.2	30.4



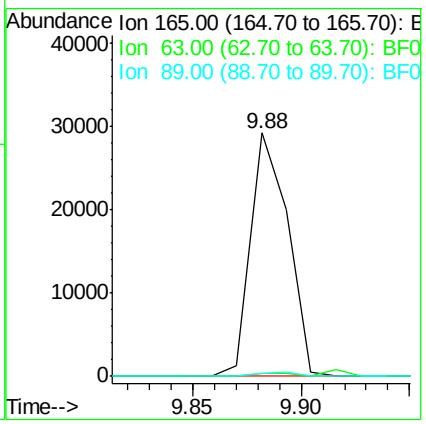


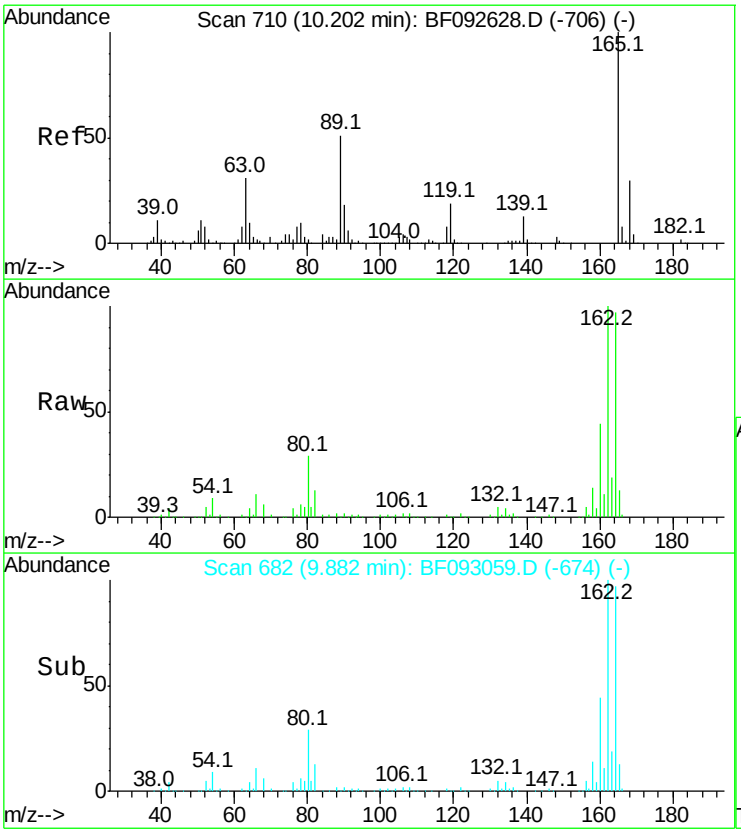
#50
2,6-Dinitrotoluene
Concen: 8.78 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.19 min
Lab File: BF093059.D
Acq: 21 Feb 2017 7:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 35073

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.2	54.4#
89	1.2	40.2	60.4#

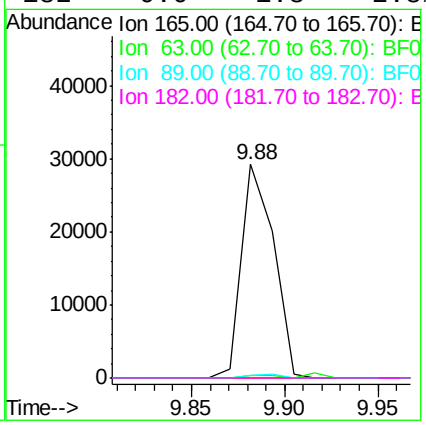


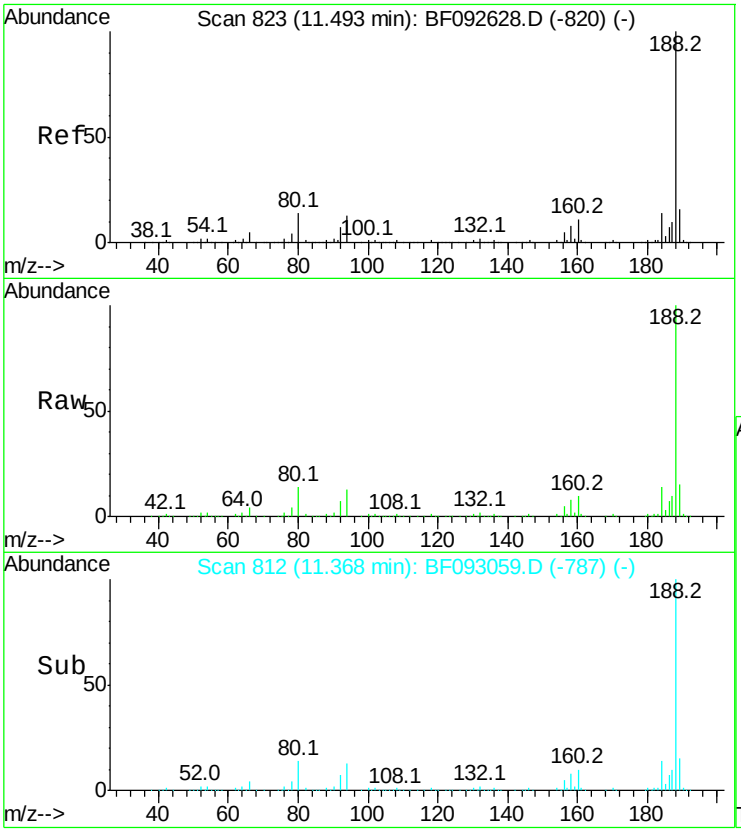


#56
2,4-Dinitrotoluene
Concen: 6.60 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.21 min
Lab File: BF093059.D
Acq: 21 Feb 2017 7:12

Tgt Ion:165 Resp: 35074

Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.2	60.4#
89	1.2	62.5	93.7#
182	0.0	1.8	2.8#



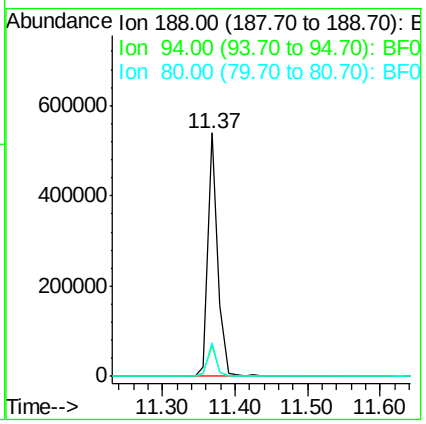


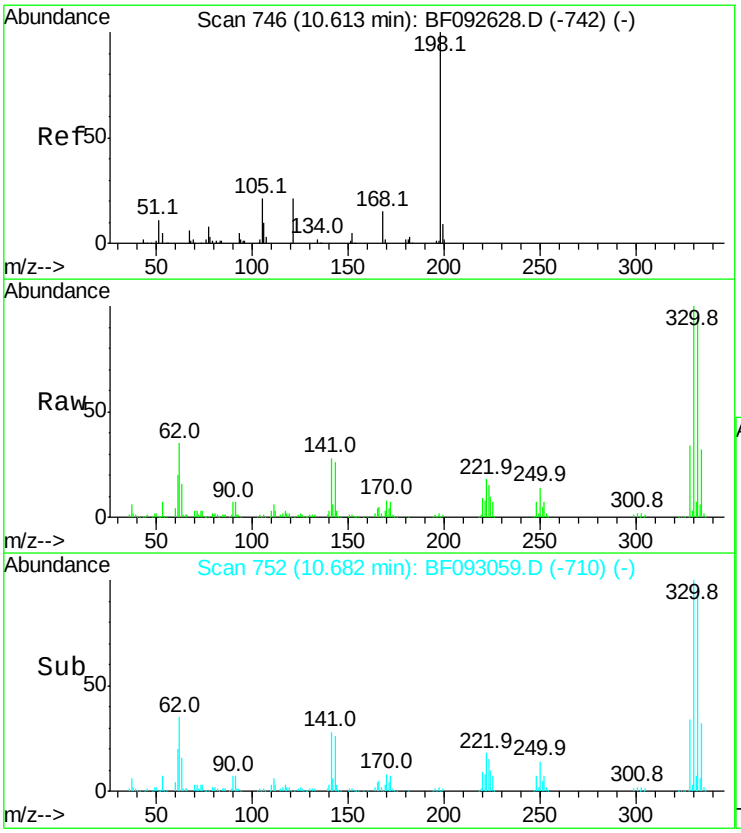
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093059.D
Acq: 21 Feb 2017 7:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 502188

Ion	Ratio	Lower	Upper
188	100		
94	12.8	10.0	15.0
80	13.6	11.2	16.8

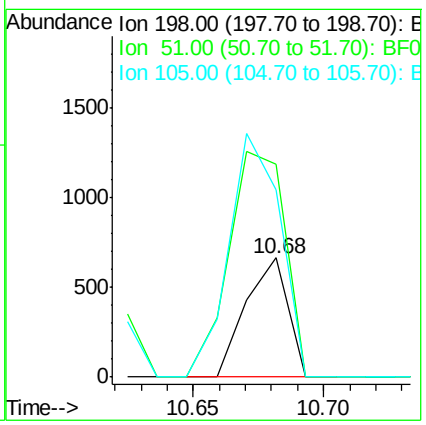


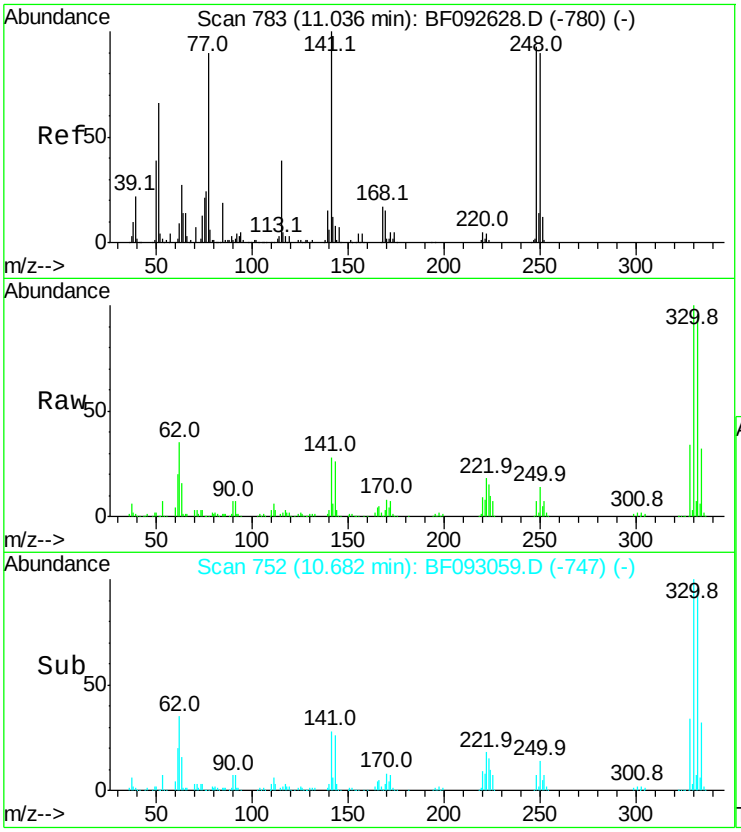


#64
4,6-Dinitro-2-methylphenol
Concen: 2.90 ng
RT: 10.68 min Scan# 752
Delta R.T. 0.18 min
Lab File: BF093059.D
Acq: 21 Feb 2017 7:12

Tgt Ion:198 Resp: 748

Ion	Ratio	Lower	Upper
198	100		
51	178.7	6.7	46.7#
105	157.7	16.6	56.6#



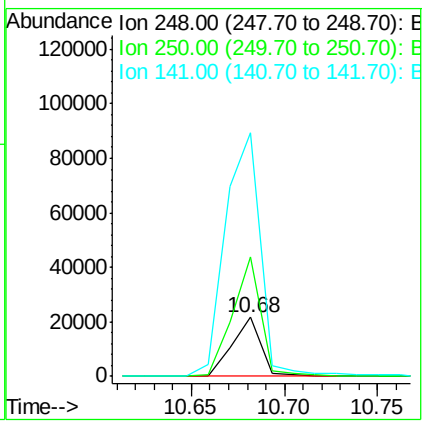


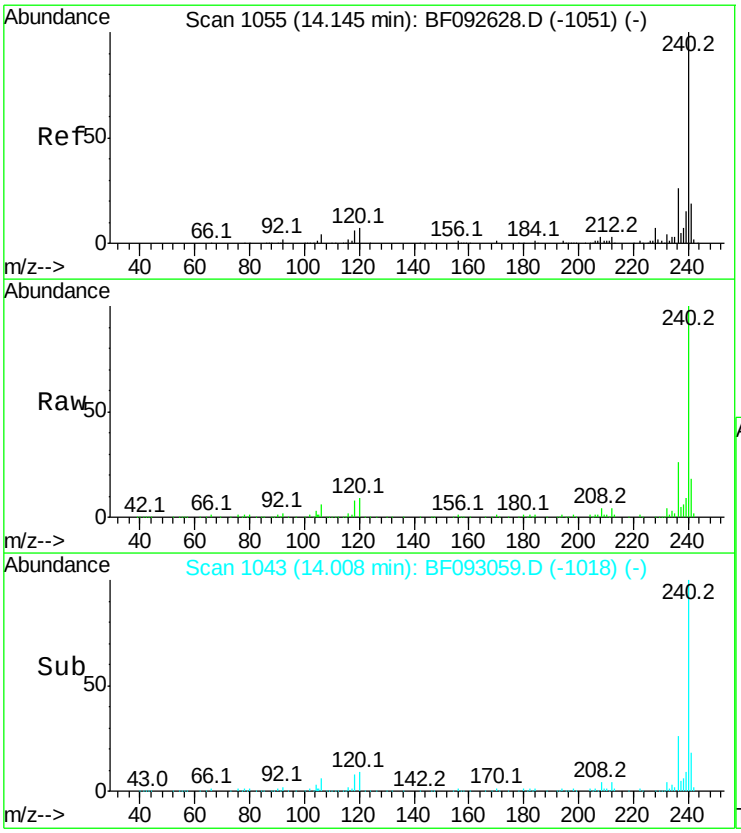
#66
4-Bromophenyl-phenylether
Concen: 4.44 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.24 min
Lab File: BF093059.D
Acq: 21 Feb 2017 7:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 23296

Ion	Ratio	Lower	Upper
248	100		
250	201.4	76.9	115.3#
141	411.3	68.2	102.4#

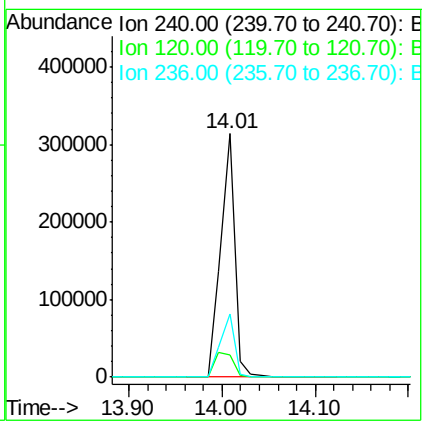


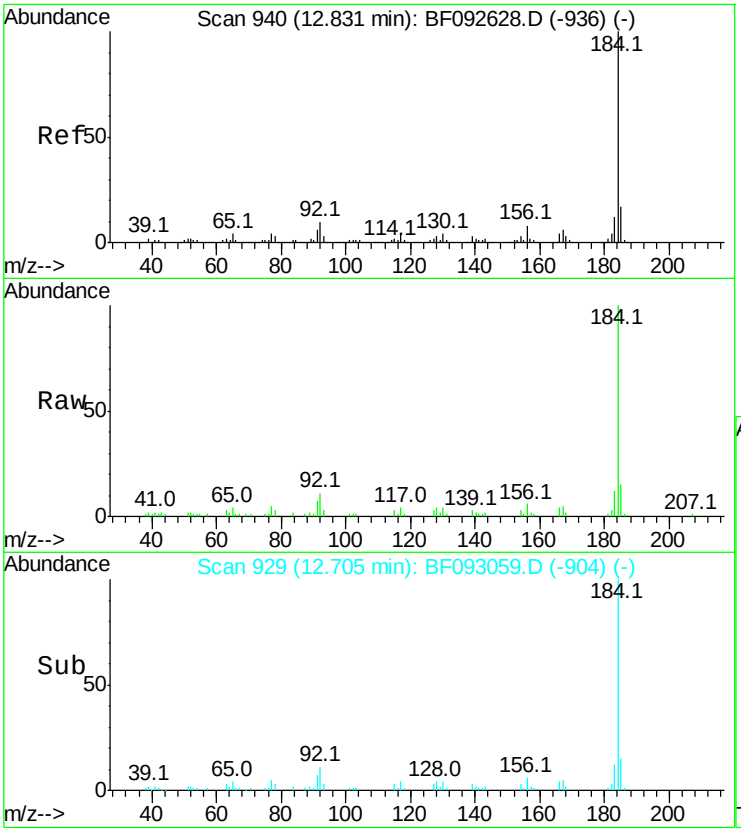


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF093059.D
Acq: 21 Feb 2017 7:12

Tgt Ion:240 Resp: 328283

Ion	Ratio	Lower	Upper
240	100		
120	9.2	12.9	19.3#
236	25.8	20.9	31.3



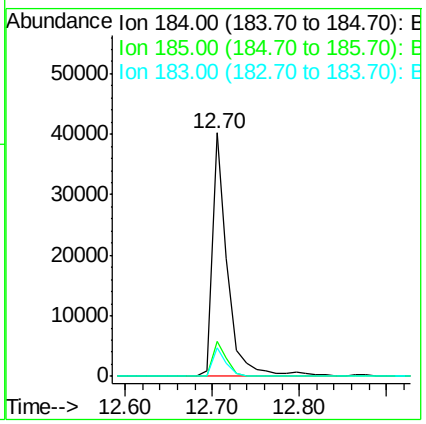


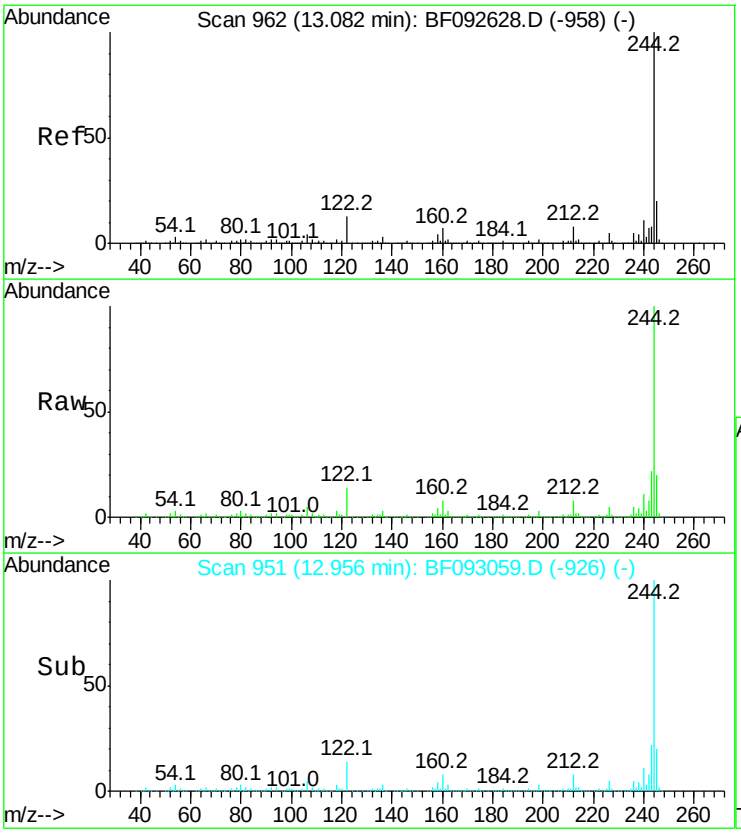
#76
Benzidine
Concen: 3.52 ng
RT: 12.70 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF093059.D
Acq: 21 Feb 2017 7:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 49232

Ion	Ratio	Lower	Upper
184	100		
185	14.5	13.4	20.0
183	12.0	9.2	13.8

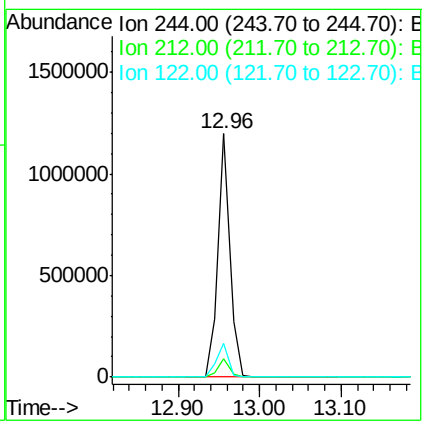


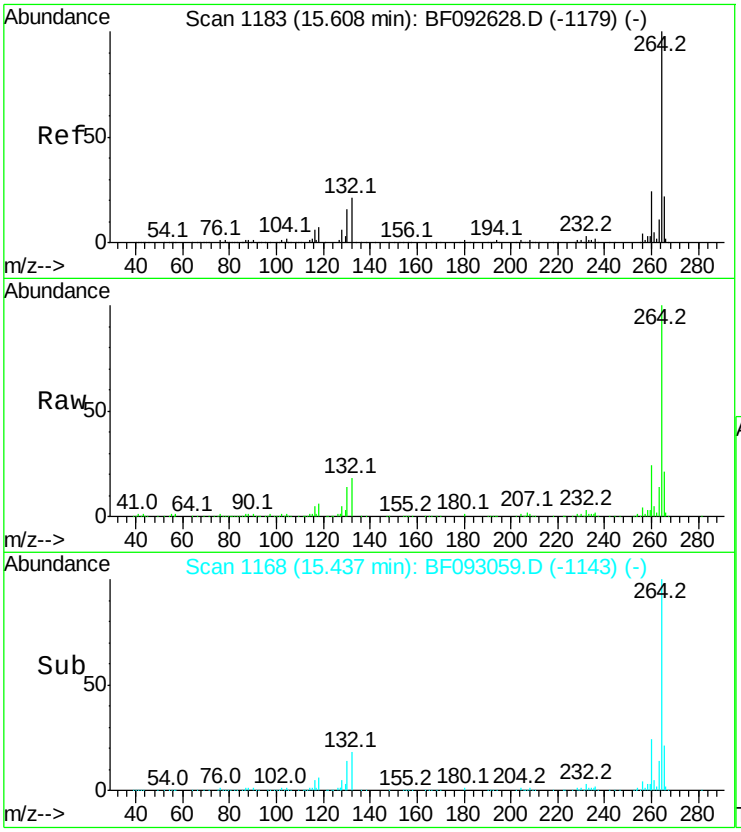


#78
Terphenyl-d14
Concen: 87.16 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF093059.D
Acq: 21 Feb 2017 7:12

Tgt Ion:244 Resp: 1217724

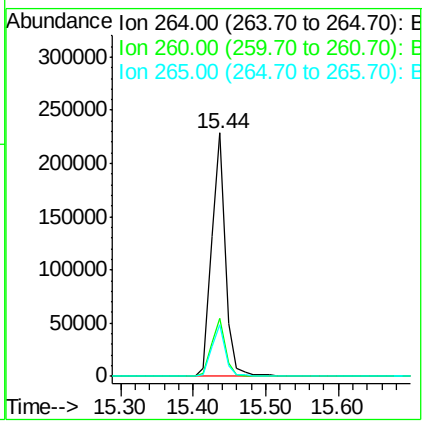
Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	13.9	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF093059.D
Acq: 21 Feb 2017 7:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 299832

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.0	17.4	26.0