Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
Data File : BF092593.D
Acq On : 27 Jan 2017 23:16
Operator : SJ/MA
Sample : I1448-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHA-SB-03-2-4

Quant Time: Jan 28 04:13:35 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	185072	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	742006	20.00	ng		-0.01
38) Acenaphthene-d10	10.03	164	396641	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	584138	20.00	ng		-0.01
75) Chrysene-d12	14.17	240	415895	20.00	ng		0.00
86) Perylene-d12	15.65	264	367592	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1476866	124.16	ng		0.05
7) Phenol-d6	6.62	99	1956963	129.16	ng		0.03
23) Nitrobenzene-d5	7.54	82	1409128	103.74	ng		0.00
41) 2,4,6-Tribromophenol	10.83	330	392446	145.19	ng		0.01
44) 2-Fluorobiphenyl	9.36	172	2156358	100.53	ng		0.00
78) Terphenyl-d14	13.12	244	1430018	91.56	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.64	94	135506	7.41	ng		78
19) n-Nitroso-di-n-propylamine	7.54	70	186747	18.10	ng	#	84
25) Isophorone	7.54	82	1395689	52.14	ng	#	65
49) Dimethylphthalate	9.74	163	466494	18.49	ng		100
56) 2,4-Dinitrotoluene	10.03	165	52022	7.60	ng	#	19
64) 4,6-Dinitro-2-methylphenol	10.83	198	1040	5.25	ng	#	1
66) 4-Bromophenyl-phenylether	10.83	248	29590	5.02	ng	#	1

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

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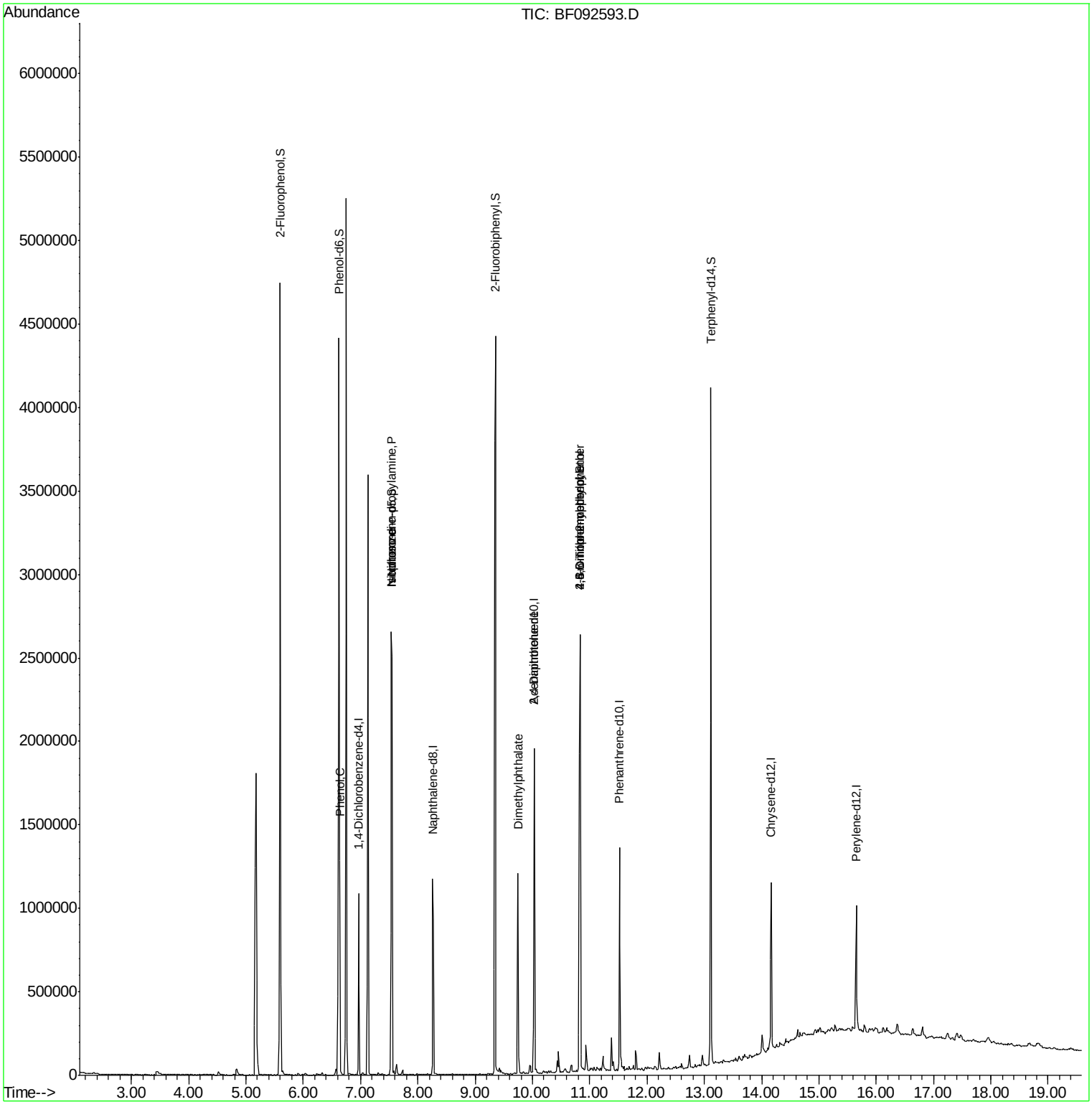
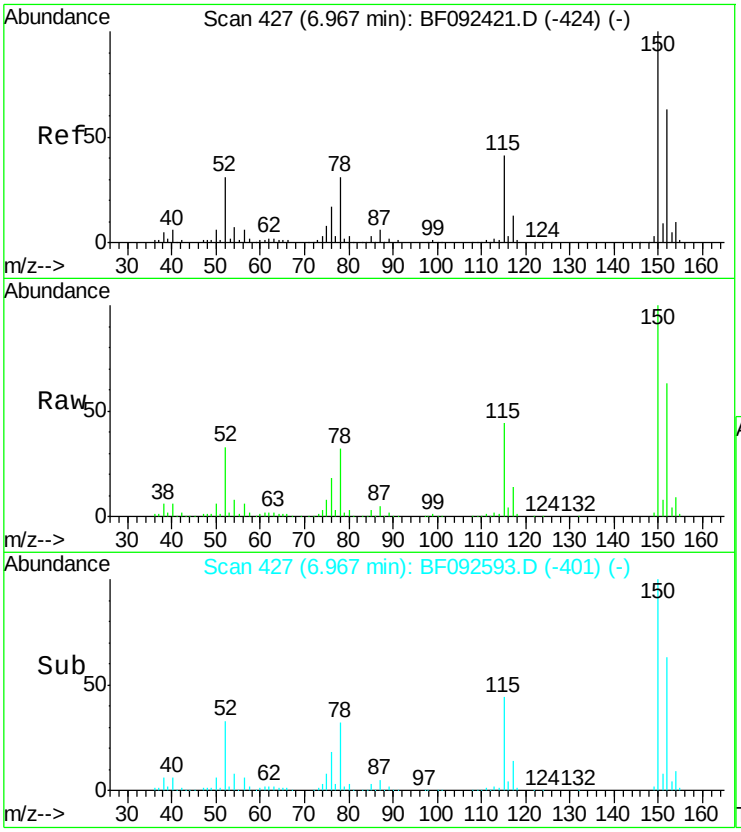


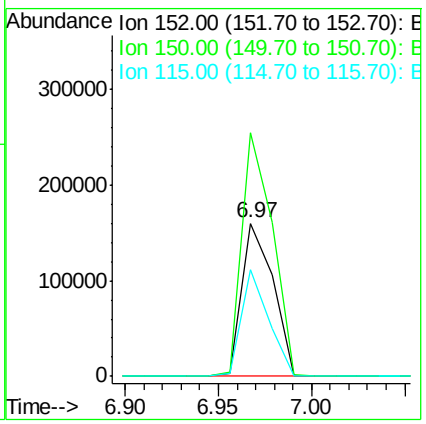


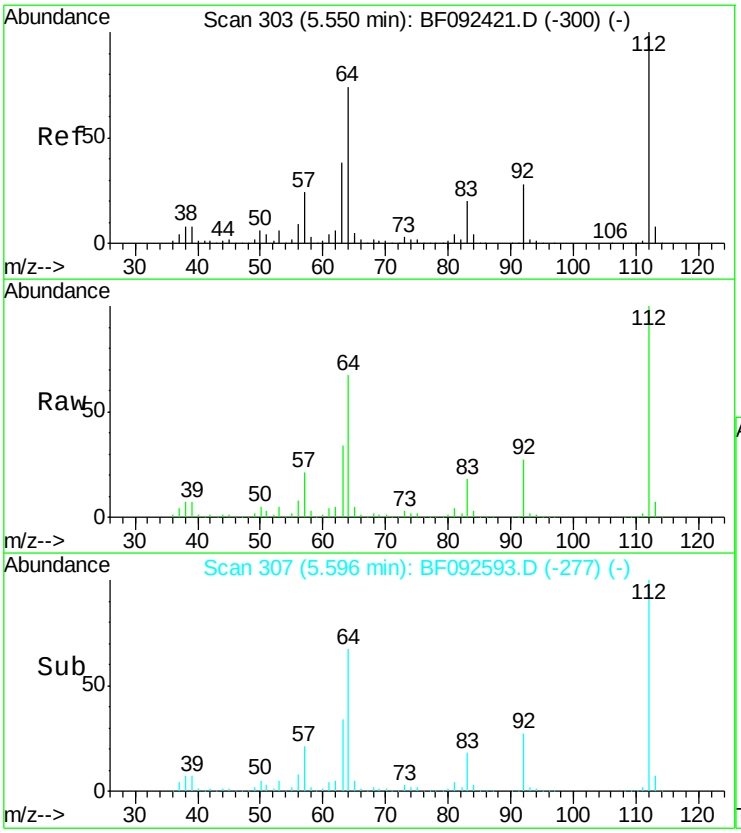
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092593.D
Acq: 27 Jan 2017 23:16

Instrument :
BNA_F
ClientSampleId :
CHA-SB-03-2-4

Tgt Ion:152 Resp: 185072

Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.9	187.3
115	69.6	46.0	69.0#

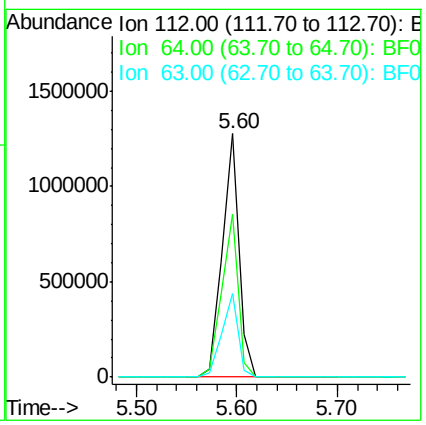


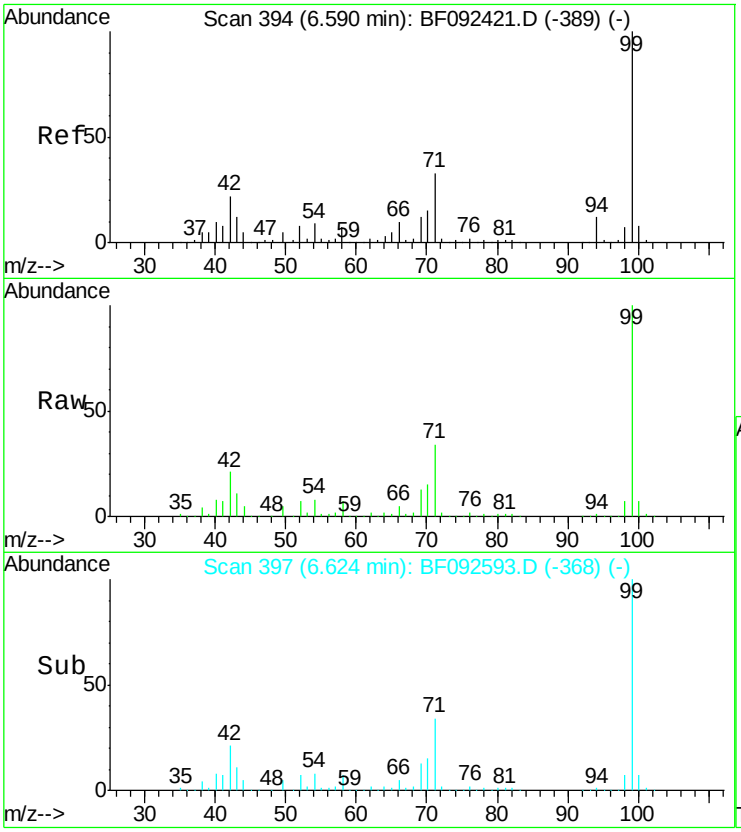


#5
2-Fluorophenol
Concen: 124.16 ng
RT: 5.60 min Scan# 307
Delta R.T. 0.05 min
Lab File: BF092593.D
Acq: 27 Jan 2017 23:16

Tgt Ion:112 Resp: 1476866

Ion	Ratio	Lower	Upper
112	100		
64	66.9	46.1	69.1
63	34.4	23.8	35.6



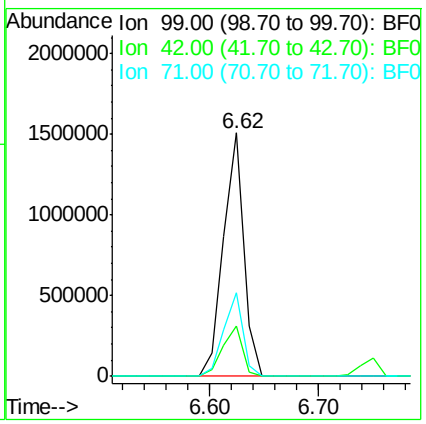


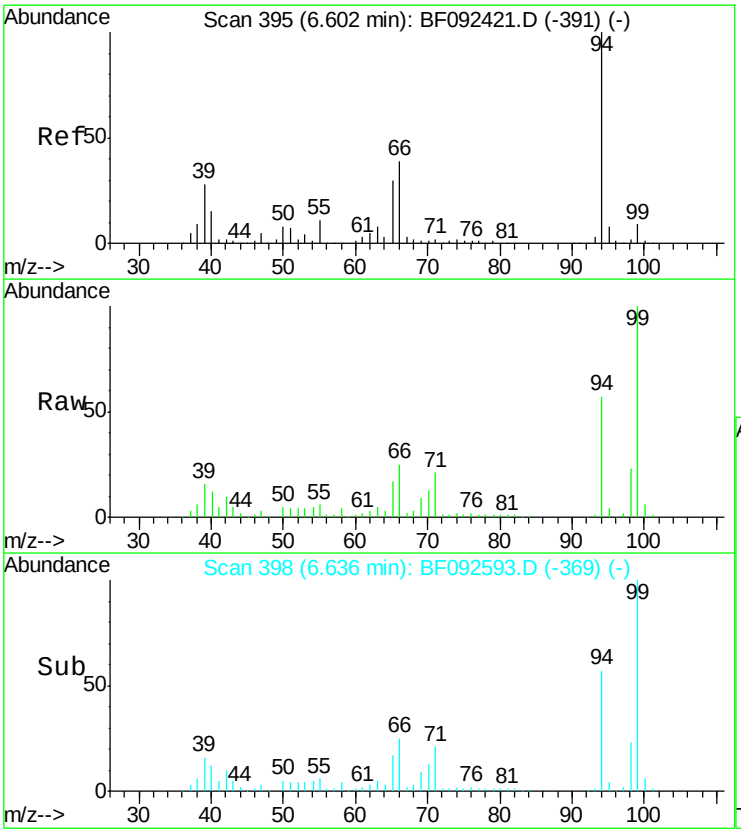
#7
Phenol-d6
Concen: 129.16 ng
RT: 6.62 min Scan# 397
Delta R.T. 0.03 min
Lab File: BF092593.D
Acq: 27 Jan 2017 23:16

Instrument :
BNA_F
ClientSampleId :
CHA-SB-03-2-4

Tgt Ion: 99 Resp: 1956963

Ion	Ratio	Lower	Upper
99	100		
42	20.9	15.6	23.4
71	34.2	27.5	41.3

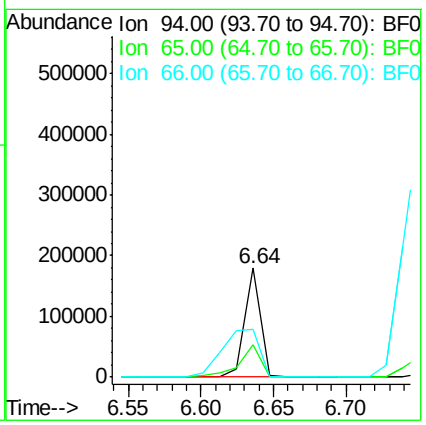


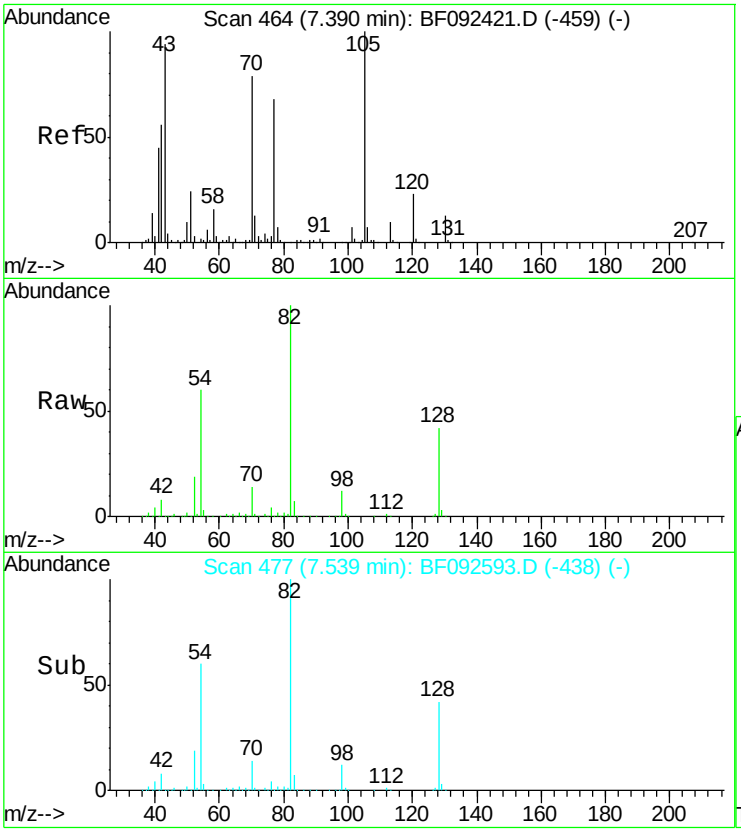


#10
Phenol
Concen: 7.41 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.03 min
Lab File: BF092593.D
Acq: 27 Jan 2017 23:16

Tgt Ion: 94 Resp: 135506

Ion	Ratio	Lower	Upper
94	100		
65	30.1	21.4	61.4
66	44.2	44.0	84.0



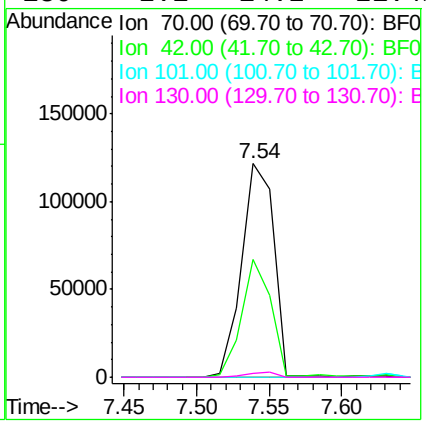


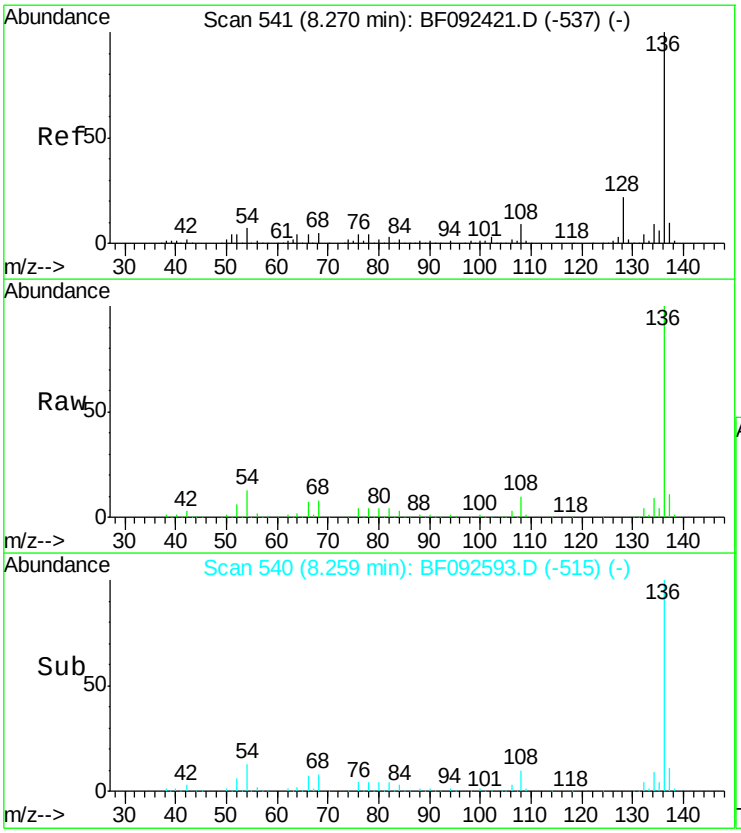
#19
n-Nitroso-di-n-propylamine
Concen: 18.10 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.15 min
Lab File: BF092593.D
Acq: 27 Jan 2017 23:16

Instrument :
BNA_F
ClientSampleId :
CHA-SB-03-2-4

Tgt Ion: 70 Resp: 186747

Ion	Ratio	Lower	Upper
70	100		
42	55.2	49.4	74.0
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#

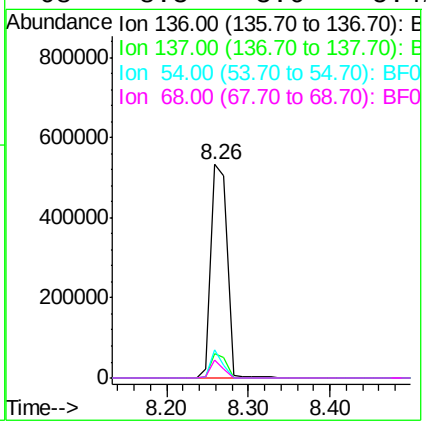


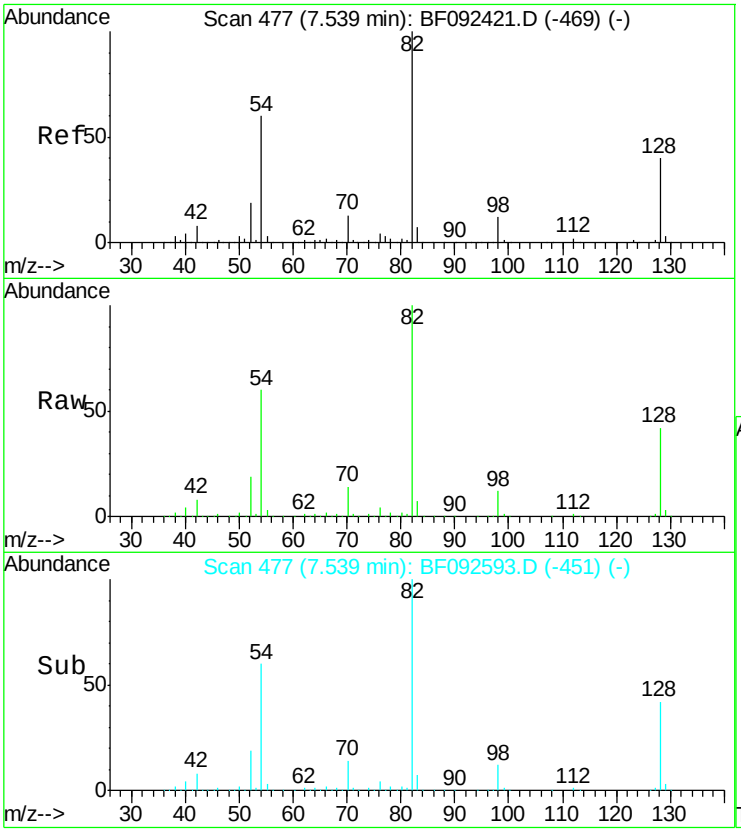


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092593.D
Acq: 27 Jan 2017 23:16

Tgt Ion:136 Resp: 742006

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	13.1	4.5	6.7#
68	8.3	3.6	5.4#



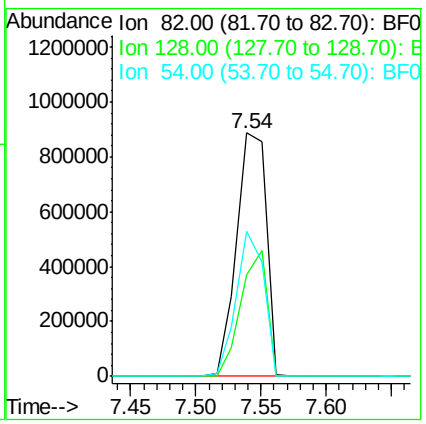


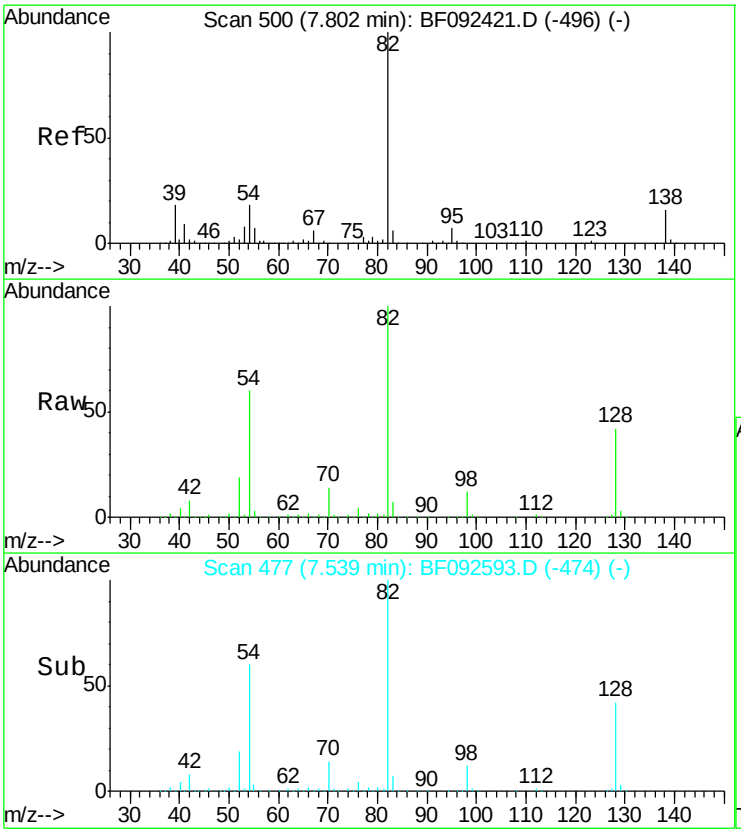
#23
Nitrobenzene-d5
Concen: 103.74 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF092593.D
Acq: 27 Jan 2017 23:16

Instrument :
BNA_F
ClientSampleId :
CHA-SB-03-2-4

Tgt Ion: 82 Resp: 1409128

Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.6	52.0
54	59.8	39.5	59.3#

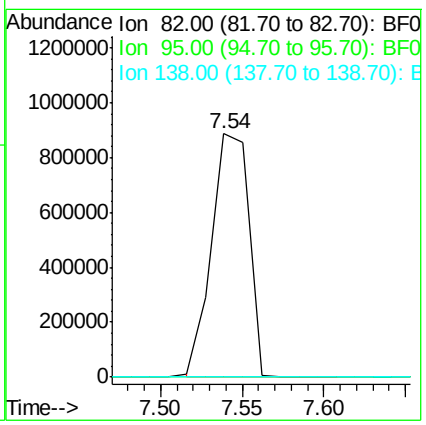


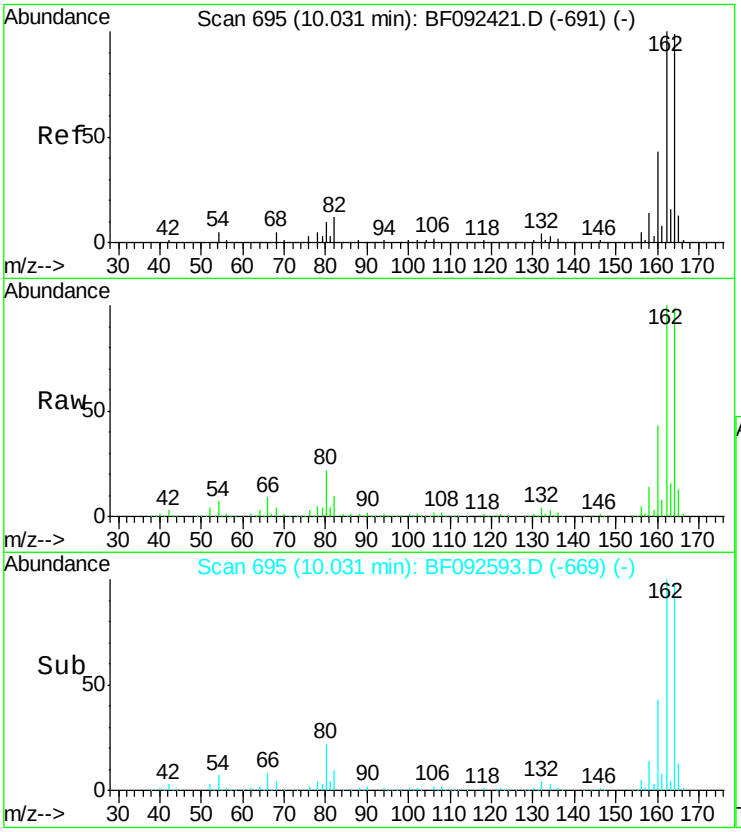


#25
Isophorone
Concen: 52.14 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.26 min
Lab File: BF092593.D
Acq: 27 Jan 2017 23:16

Tgt Ion: 82 Resp: 1395689

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



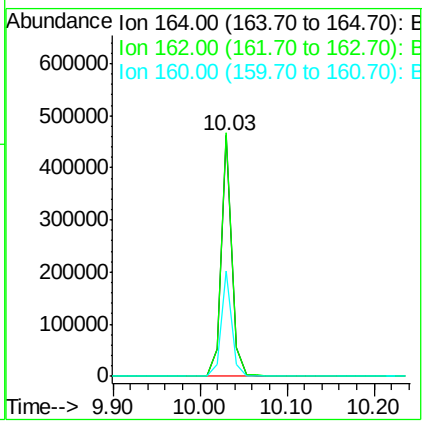


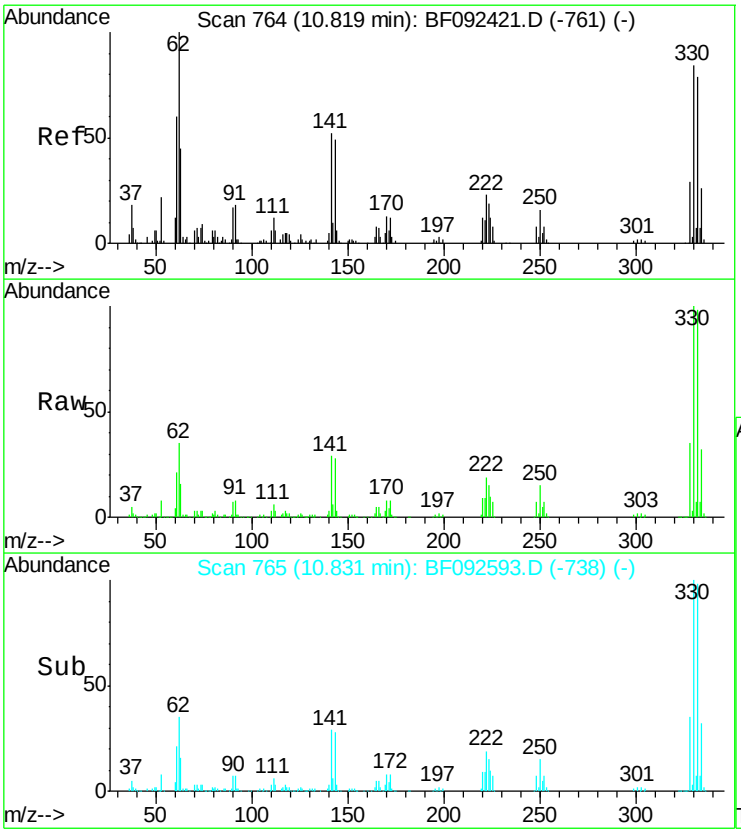
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092593.D
Acq: 27 Jan 2017 23:16

Instrument :
BNA_F
ClientSampleId :
CHA-SB-03-2-4

Tgt Ion:164 Resp: 396641

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.2	120.2
160	43.8	36.9	55.3

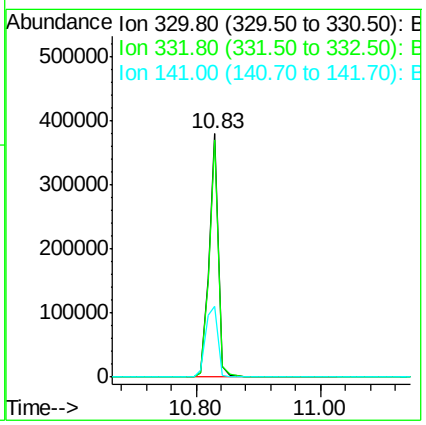


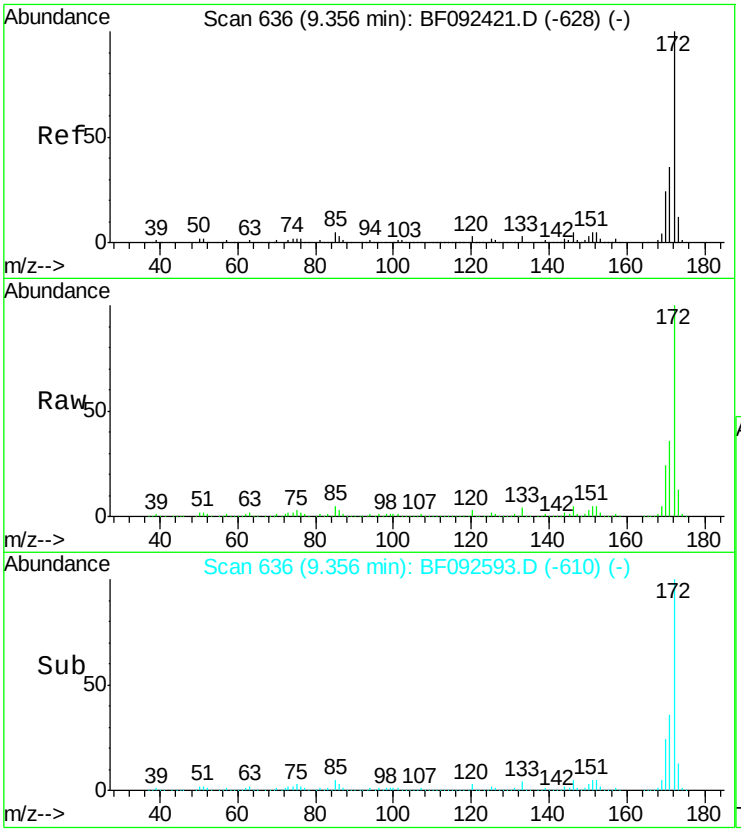


#41
2,4,6-Tribromophenol
Concen: 145.19 ng
RT: 10.83 min Scan# 765
Delta R.T. 0.01 min
Lab File: BF092593.D
Acq: 27 Jan 2017 23:16

Tgt Ion:330 Resp: 392446

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	39.1	34.1	51.1



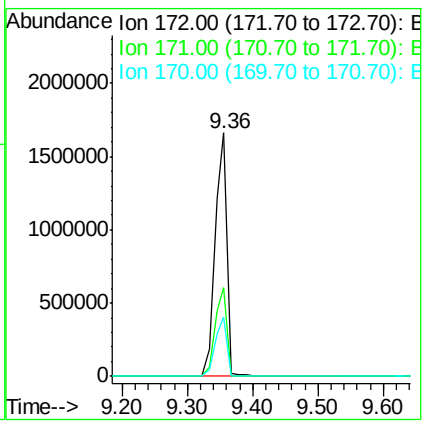


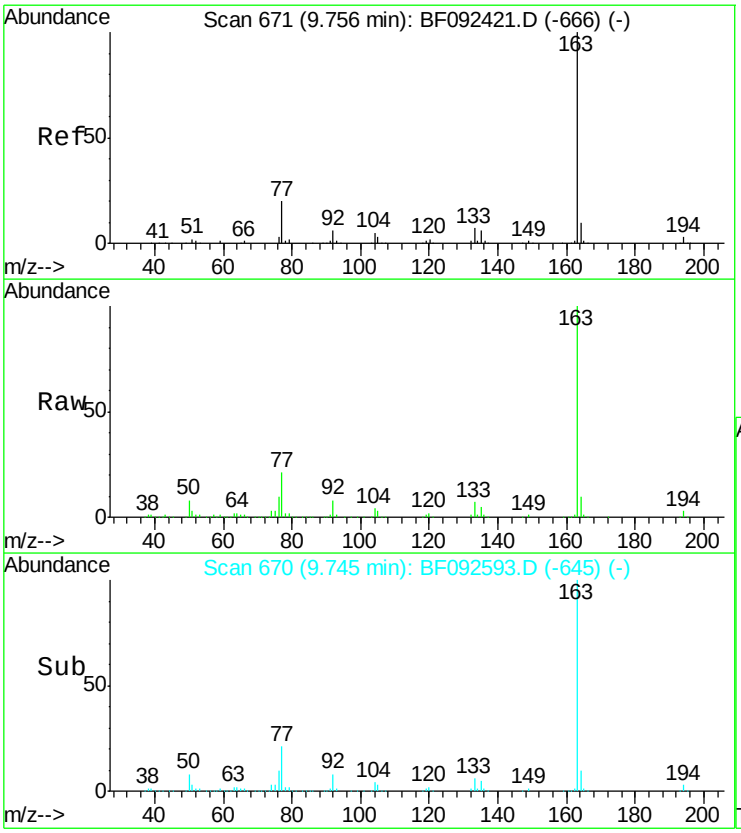
#44
2-Fluorobiphenyl
Concen: 100.53 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.00 min
Lab File: BF092593.D
Acq: 27 Jan 2017 23:16

Instrument :
BNA_F
ClientSampleId :
CHA-SB-03-2-4

Tgt Ion:172 Resp: 2156358

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.4	20.2	30.4

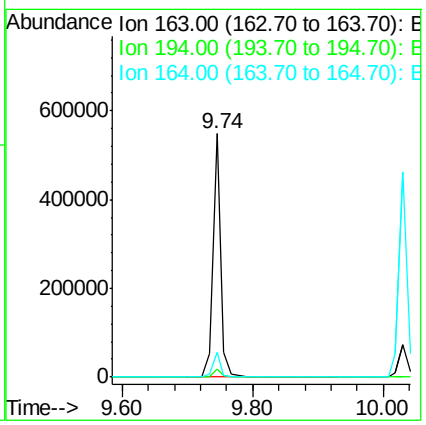


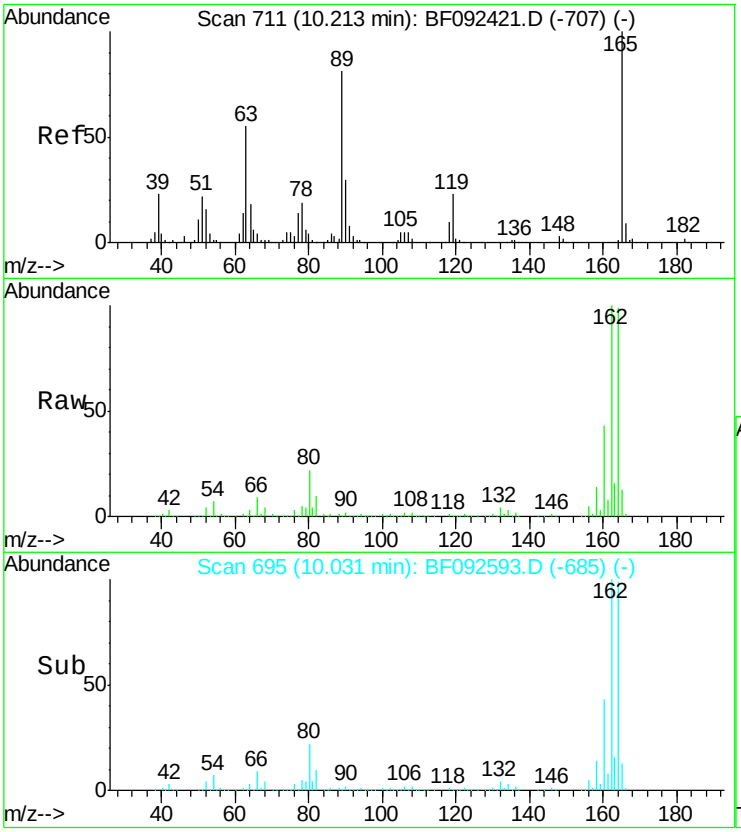


#49
Dimethylphthalate
Concen: 18.49 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF092593.D
Acq: 27 Jan 2017 23:16

Tgt Ion:163 Resp: 466494

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	10.0	8.0	12.0



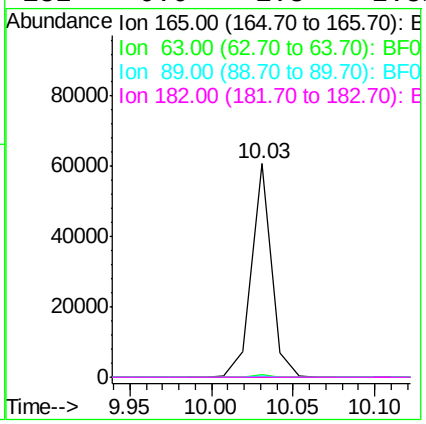


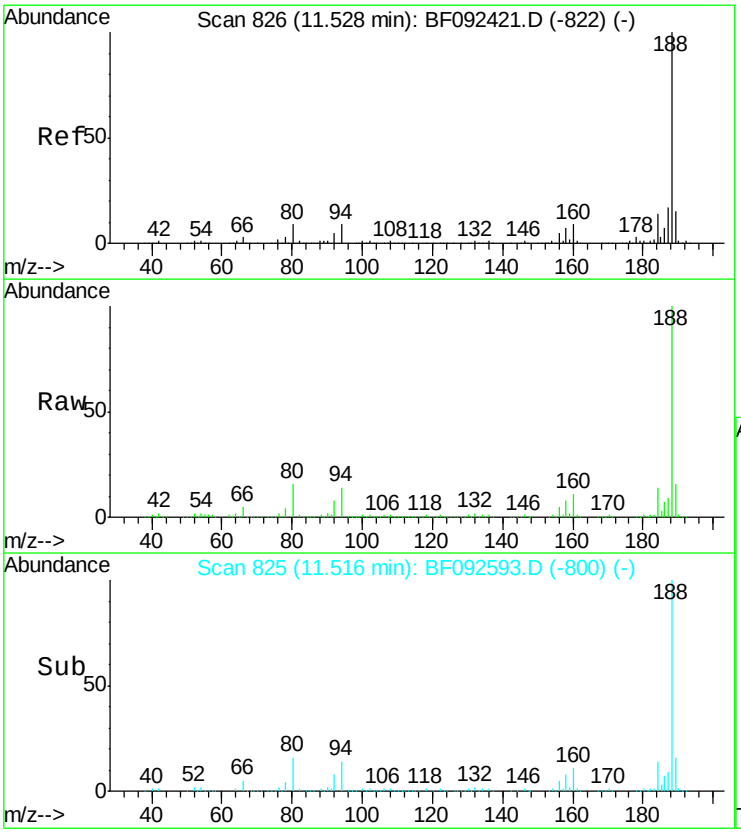
#56
2,4-Dinitrotoluene
Concen: 7.60 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.18 min
Lab File: BF092593.D
Acq: 27 Jan 2017 23:16

Instrument :
BNA_F
ClientSampleId :
CHA-SB-03-2-4

Tgt Ion:165 Resp: 52022

Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.2	60.4#
89	0.8	62.5	93.7#
182	0.0	1.8	2.8#

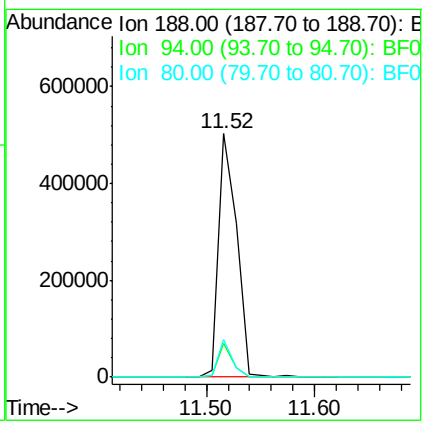


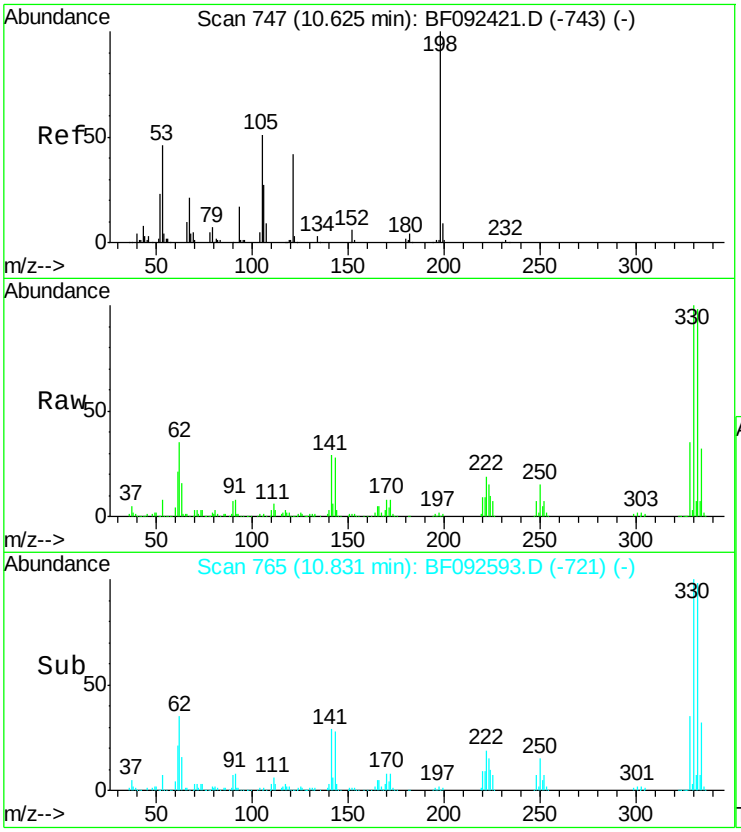


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092593.D
Acq: 27 Jan 2017 23:16

Tgt Ion:188 Resp: 584138

Ion	Ratio	Lower	Upper
188	100		
94	14.0	10.0	15.0
80	15.6	11.2	16.8



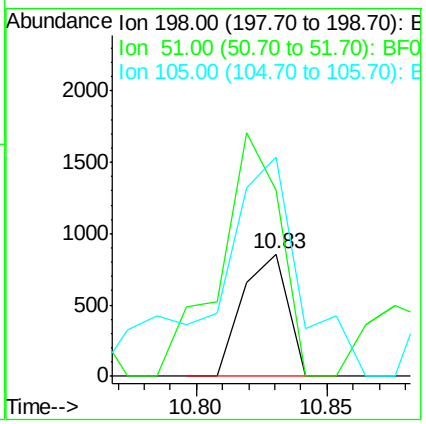


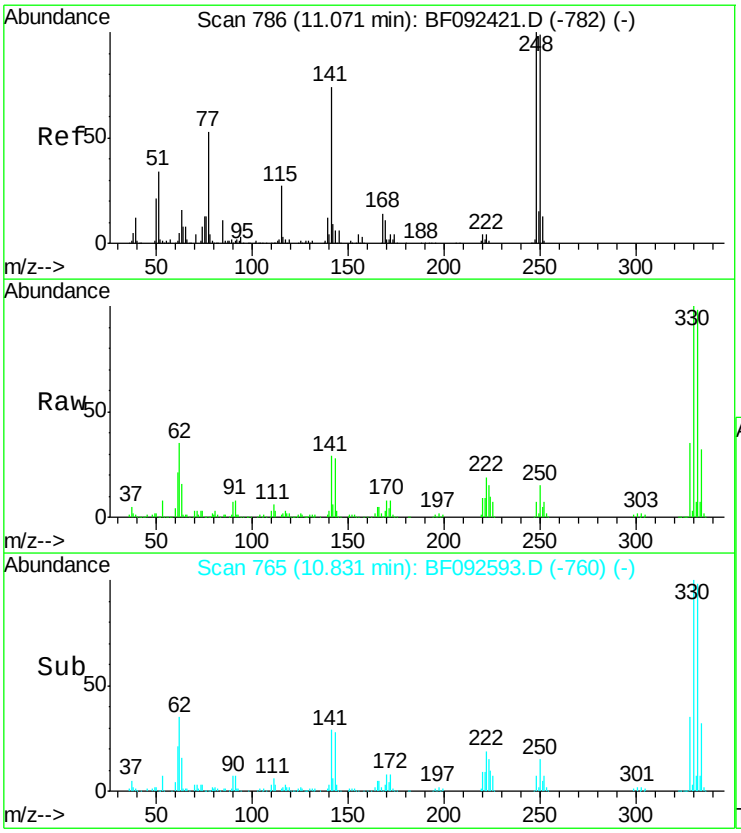
#64
4,6-Dinitro-2-methylphenol
Concen: 5.25 ng
RT: 10.83 min Scan# 765
Delta R.T. 0.21 min
Lab File: BF092593.D
Acq: 27 Jan 2017 23:16

Instrument :
BNA_F
ClientSampleId :
CHA-SB-03-2-4

Tgt Ion:198 Resp: 1040

Ion	Ratio	Lower	Upper
198	100		
51	151.8	6.7	46.7#
105	179.3	16.6	56.6#

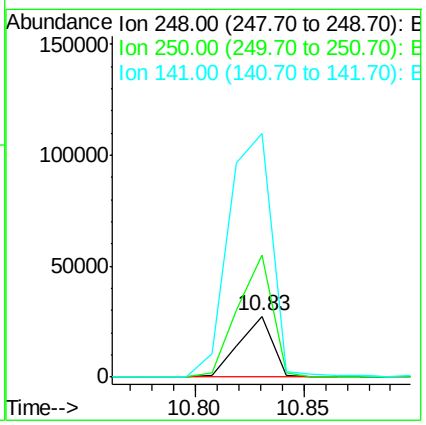


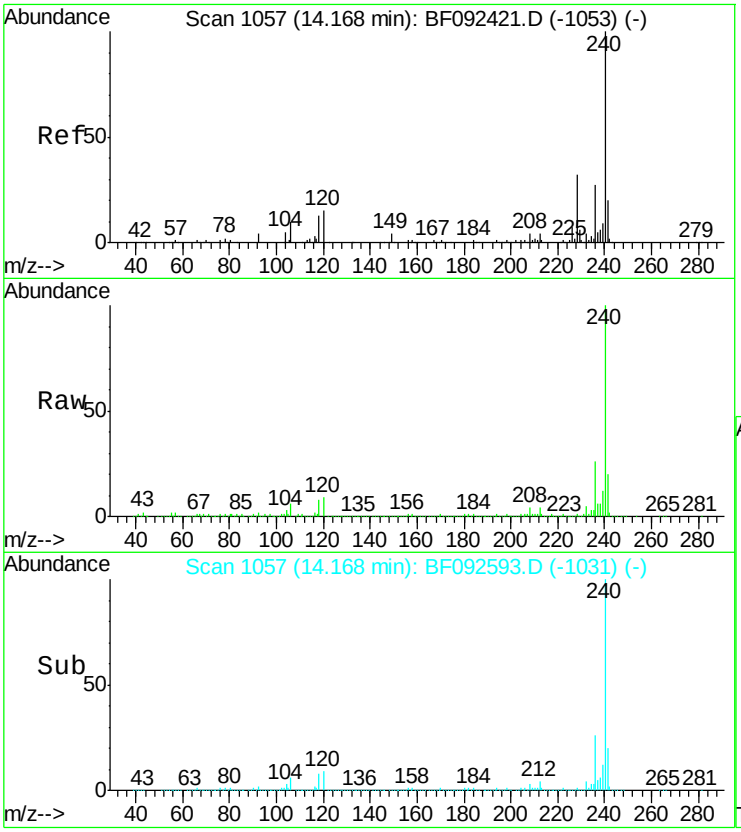


#66
4-Bromophenyl-phenylether
Concen: 5.02 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.24 min
Lab File: BF092593.D
Acq: 27 Jan 2017 23:16

Tgt Ion:248 Resp: 29590

Ion	Ratio	Lower	Upper
248	100		
250	202.3	76.9	115.3#
141	401.7	68.2	102.4#



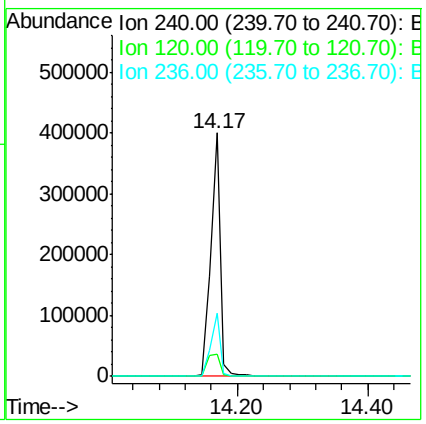


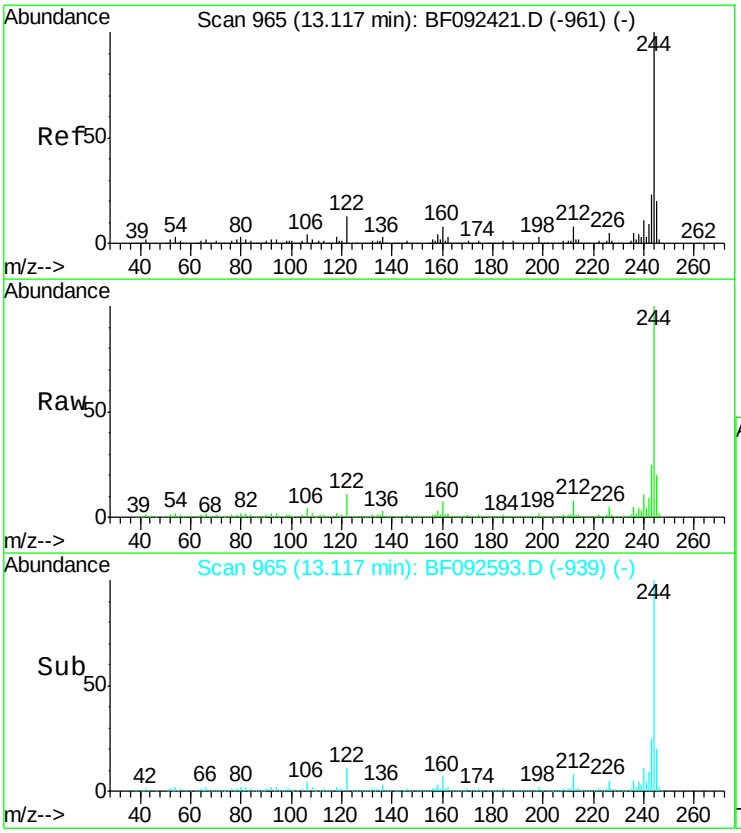
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.17 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF092593.D
Acq: 27 Jan 2017 23:16

Instrument :
BNA_F
ClientSampleId :
CHA-SB-03-2-4

Tgt Ion:240 Resp: 415895

Ion	Ratio	Lower	Upper
240	100		
120	9.2	12.9	19.3#
236	25.9	20.9	31.3

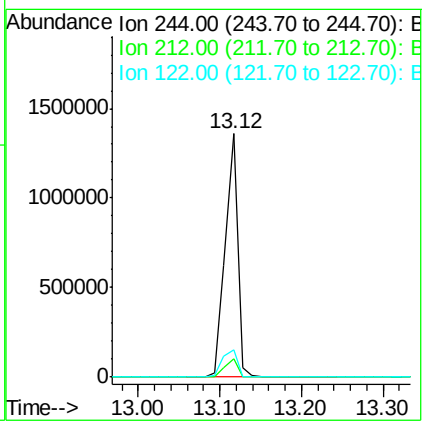


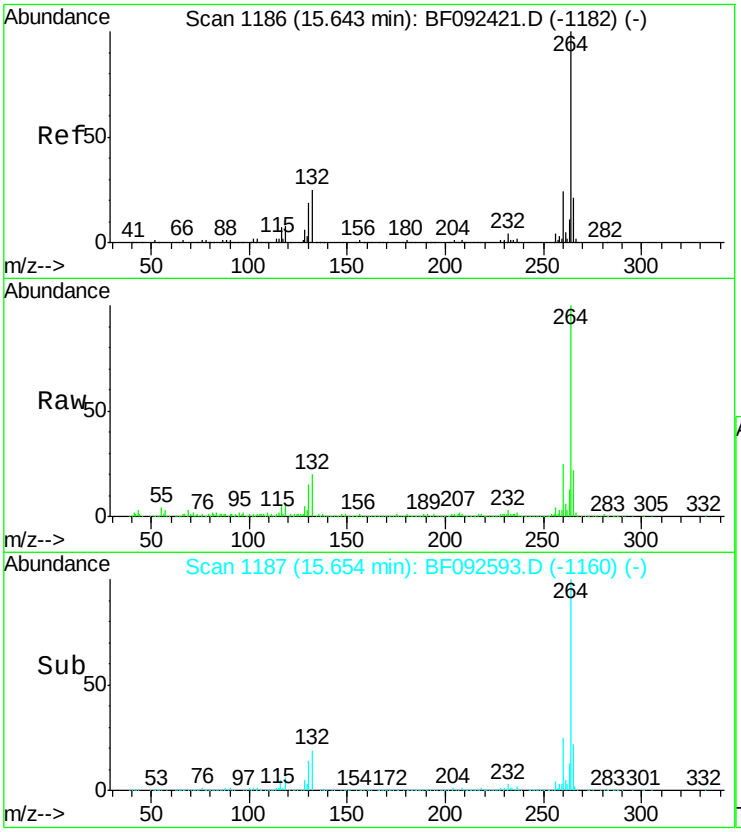


#78
Terphenyl-d14
Concen: 91.56 ng
RT: 13.12 min Scan# 965
Delta R.T. -0.00 min
Lab File: BF092593.D
Acq: 27 Jan 2017 23:16

Tgt Ion:244 Resp: 1430018

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	11.1	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.65 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF092593.D
Acq: 27 Jan 2017 23:16

Instrument :
BNA_F
ClientSampleId :
CHA-SB-03-2-4

Tgt Ion:264 Resp: 367592

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.8	17.4	26.0