Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030317\
Data File : BF093397.D
Acq On : 4 Mar 2017 10:44
Operator : SJ/MA
Sample : I2056-20 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 19B-19

Quant Time: Mar 05 23:43:39 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	189876	20.00	ng		-0.07
21) Naphthalene-d8	8.08	136	703222	20.00	ng		-0.07
38) Acenaphthene-d10	9.82	164	284548	20.00	ng		-0.07
63) Phenanthrene-d10	11.31	188	395597	20.00	ng		-0.07
75) Chrysene-d12	13.96	240	319868	20.00	ng		-0.06
86) Perylene-d12	15.38	264	268814	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	205041	18.53	ng		-0.07
7) Phenol-d6	6.43	99	282838	19.86	ng		-0.06
23) Nitrobenzene-d5	7.36	82	165163	13.08	ng		-0.07
41) 2,4,6-Tribromophenol	10.62	330	30591	14.86	ng		-0.06
44) 2-Fluorobiphenyl	9.15	172	267293	17.02	ng		-0.07
78) Terphenyl-d14	12.90	244	139966	10.28	ng		-0.07
Target Compounds							Qvalue
18) Hexachloroethane	7.36	117	37970	7.68	ng	#	23
32) Benzoic acid	7.86	122	7205	8.17	ng	#	43
35) Caprolactam	8.50	113	37087	11.68	ng	#	1
49) Dimethylphthalate	9.55	163	47974	2.50	ng	#	90
53) 2,4-Dinitrophenol	9.89	184	442	4.93	ng	#	1
56) 2,4-Dinitrotoluene	10.03	165	17279	3.14	ng	#	57
57) Fluorene	10.37	166	57706	3.37	ng	#	75
61) 4-Nitroaniline	10.27	138	12301	2.54	ng		94
64) 4,6-Dinitro-2-methylphenol	10.44	198	1115	3.11	ng	#	1
65) n-Nitrosodiphenylamine	10.49	169	69622	5.51	ng	#	48
69) Pentachlorophenol	11.13	266	963	7.62	ng	#	30
70) Phenanthrene	11.33	178	48813	2.15	ng	#	62
71) Anthracene	11.42	178	55048	2.42	ng	#	1
77) Pyrene	12.76	202	81743	3.41	ng	#	87
80) Benzo(a)anthracene	13.99	228	79624	4.07	ng	#	44
82) Chrysene	13.99	228	79624	4.35	ng	#	51
88) Benzo(k)fluoranthene	14.98	252	30958	2.03	ng	#	1

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

Quantitation Report (Not Reviewed)

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19B-19

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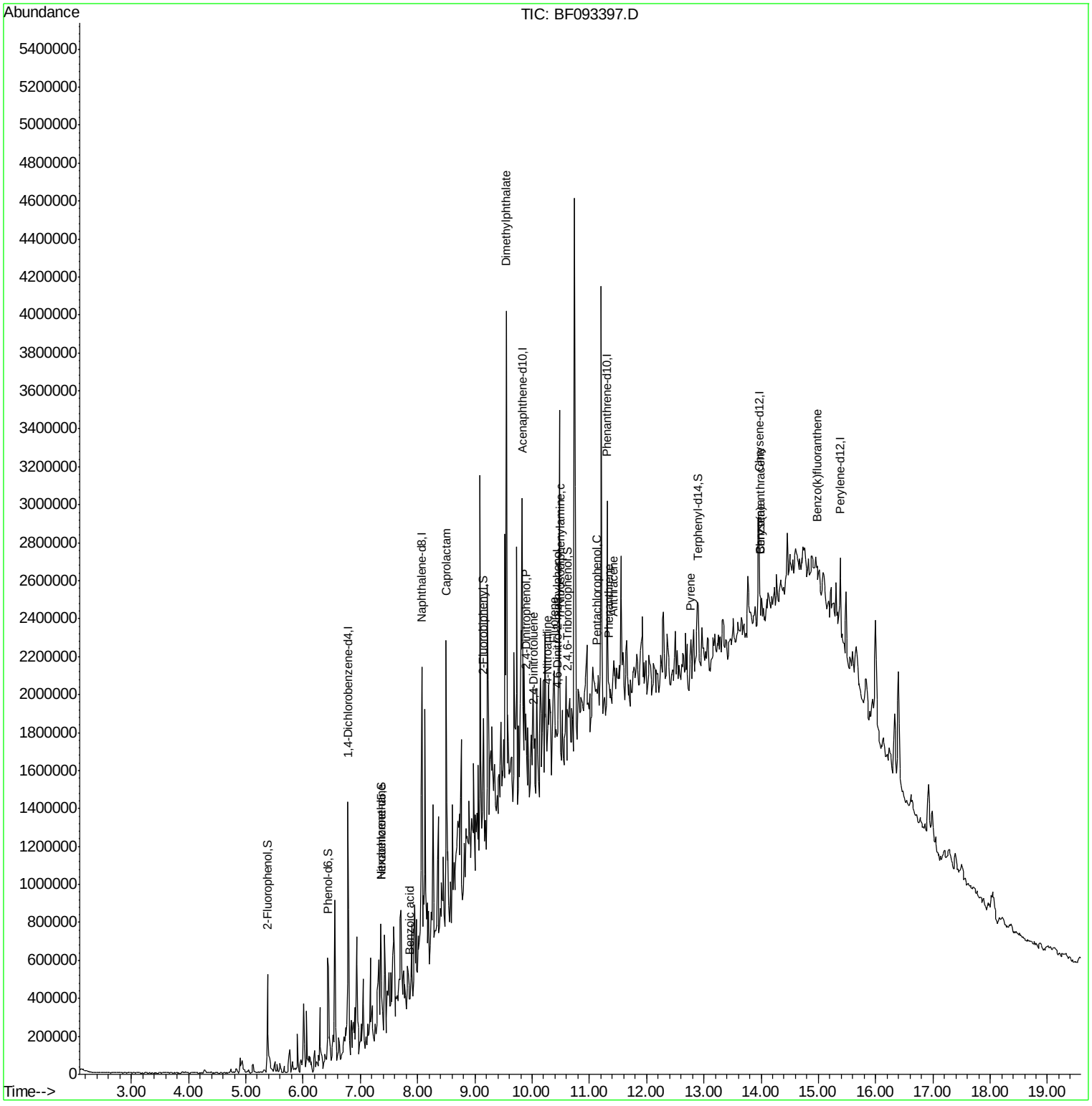
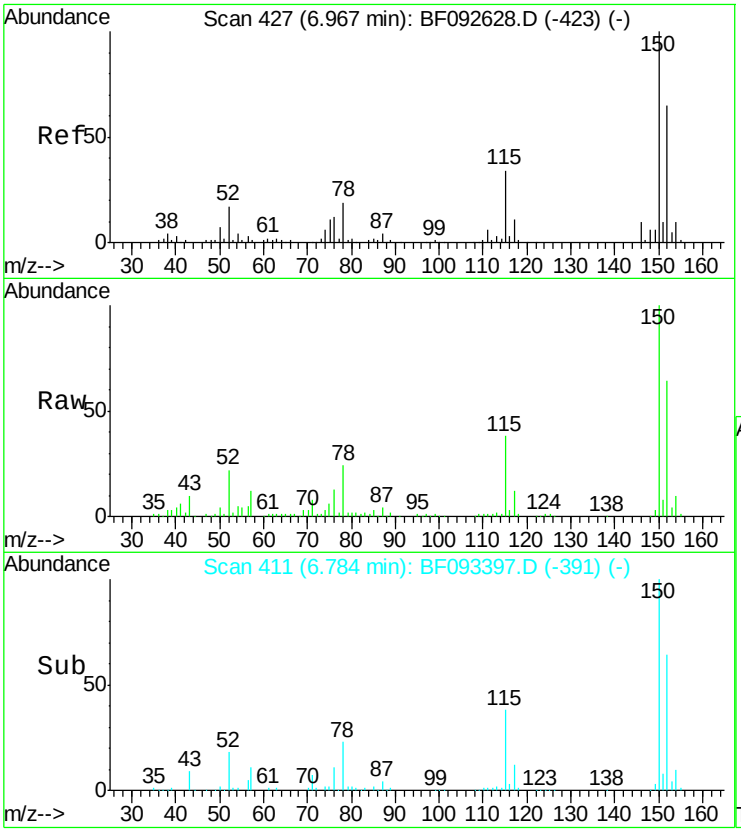


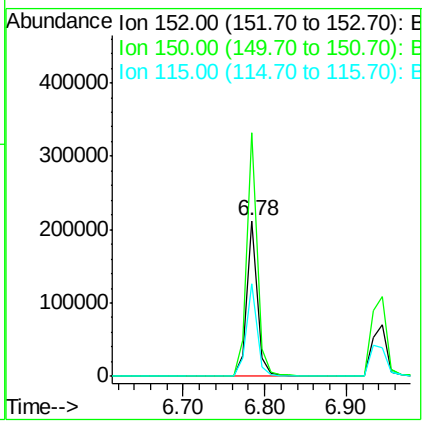


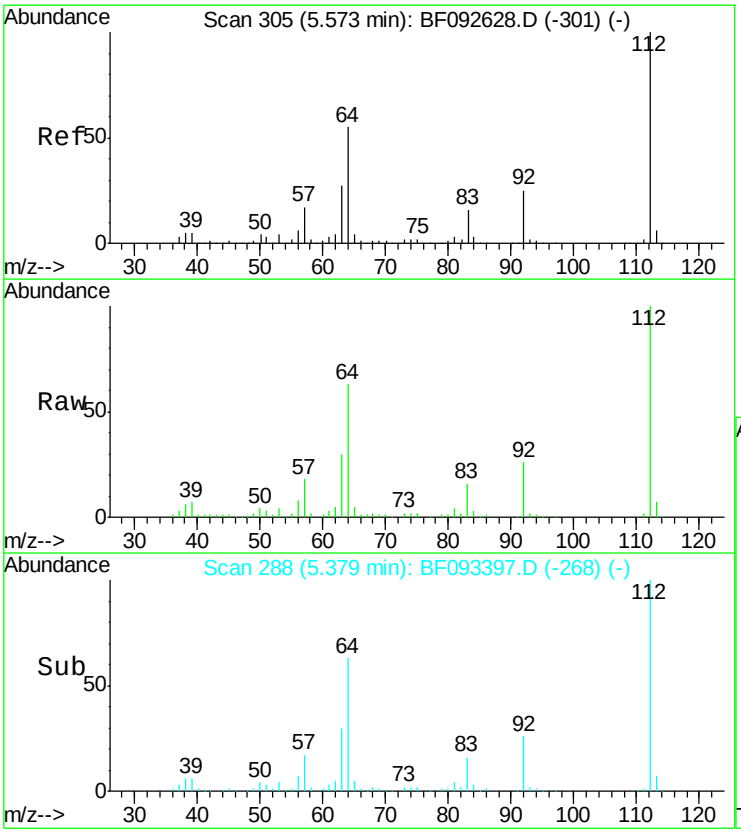
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.07 min
Lab File: BF093397.D
Acq: 4 Mar 2017 10:44

Instrument :
BNA_F
ClientSampleId :
19B-19

Tgt Ion:152 Resp: 189876

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.9	187.3
115	59.2	46.0	69.0

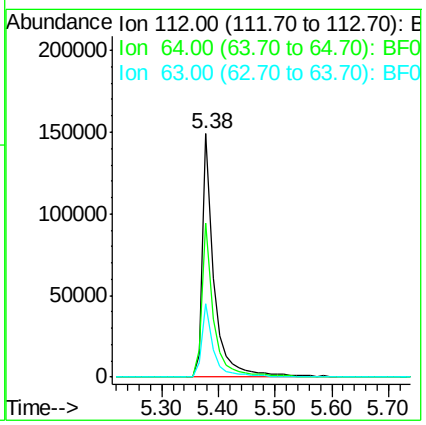


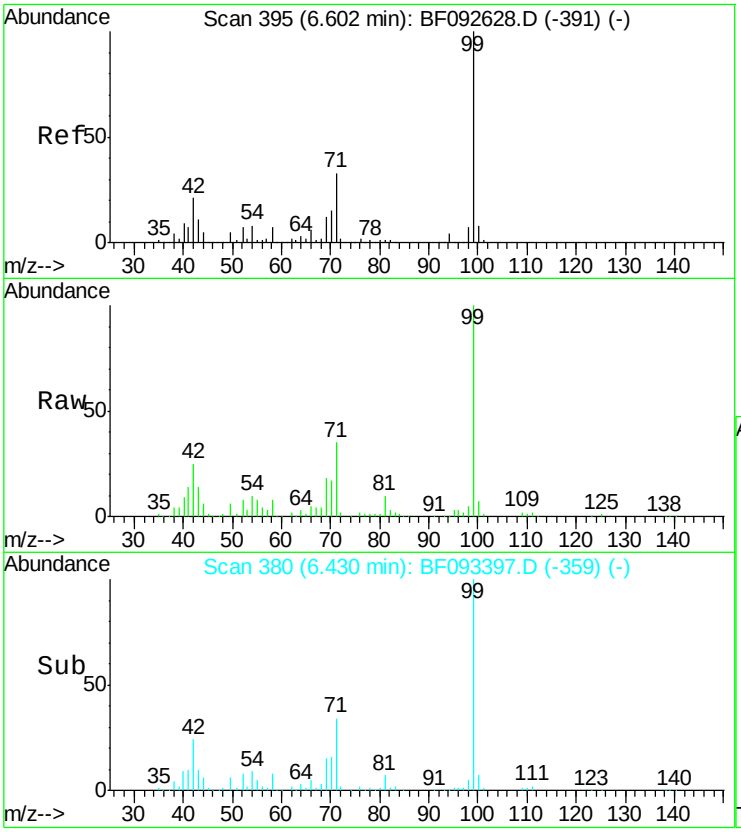


#5
2-Fluorophenol
Concen: 18.53 ng
RT: 5.38 min Scan# 288
Delta R.T. -0.07 min
Lab File: BF093397.D
Acq: 4 Mar 2017 10:44

Tgt Ion:112 Resp: 205041

Ion	Ratio	Lower	Upper
112	100		
64	63.1	46.1	69.1
63	30.3	23.8	35.6



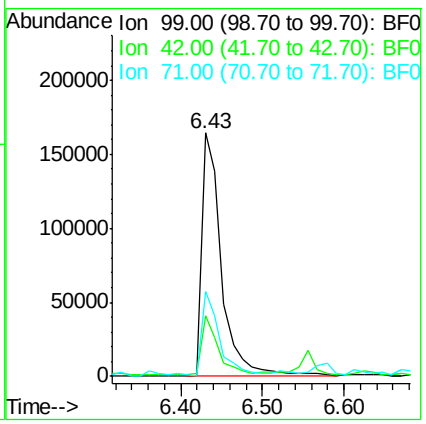


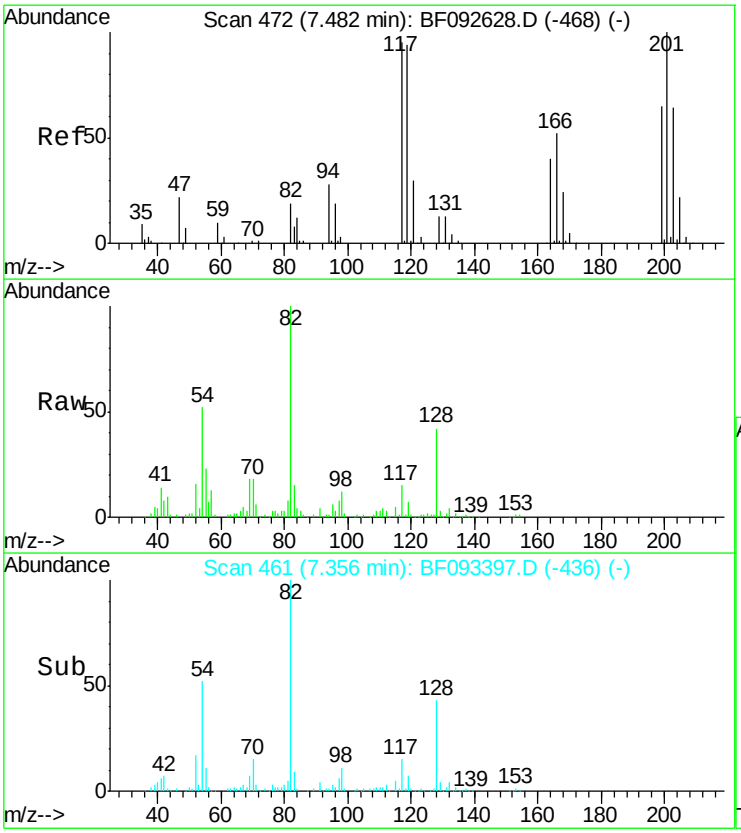
#7
Phenol-d6
Concen: 19.86 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.06 min
Lab File: BF093397.D
Acq: 4 Mar 2017 10:44

Instrument :
BNA_F
ClientSampleId :
19B-19

Tgt Ion: 99 Resp: 282838

Ion	Ratio	Lower	Upper
99	100		
42	25.1	15.6	23.4#
71	34.8	27.5	41.3

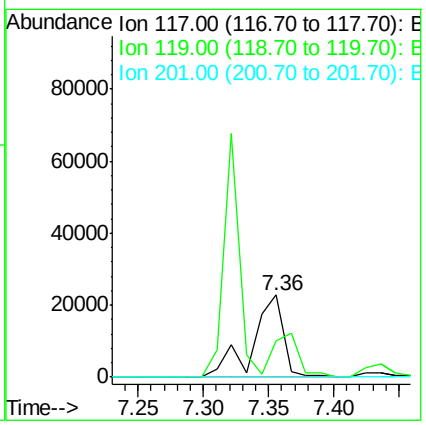


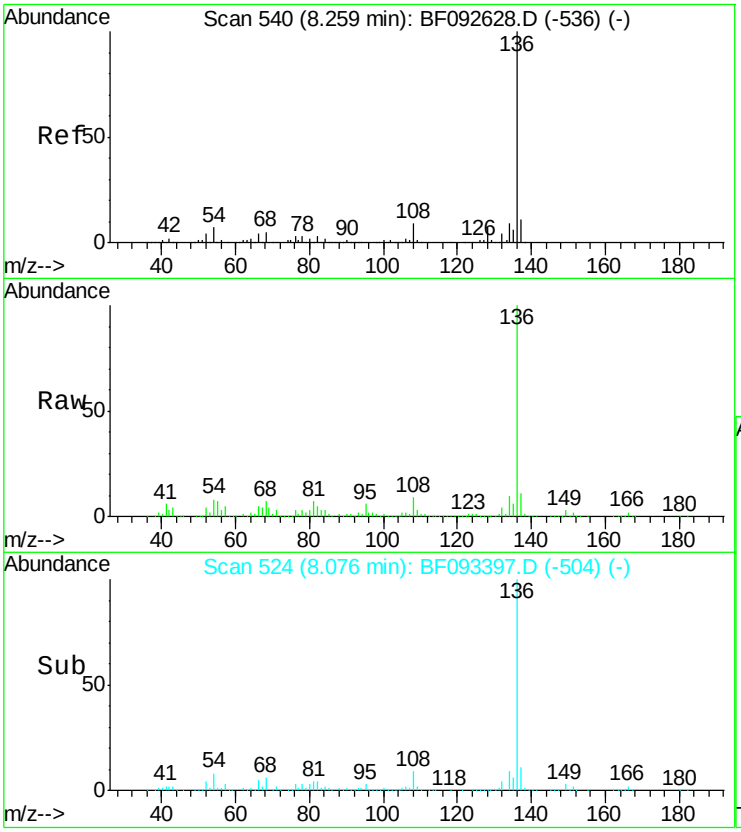


#18
Hexachloroethane
Concen: 7.68 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF093397.D
Acq: 4 Mar 2017 10:44

Tgt Ion:117 Resp: 37970

Ion	Ratio	Lower	Upper
117	100		
119	44.1	78.1	117.1#
201	0.0	78.6	117.8#



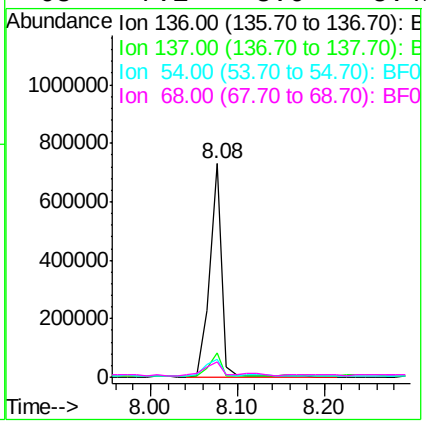


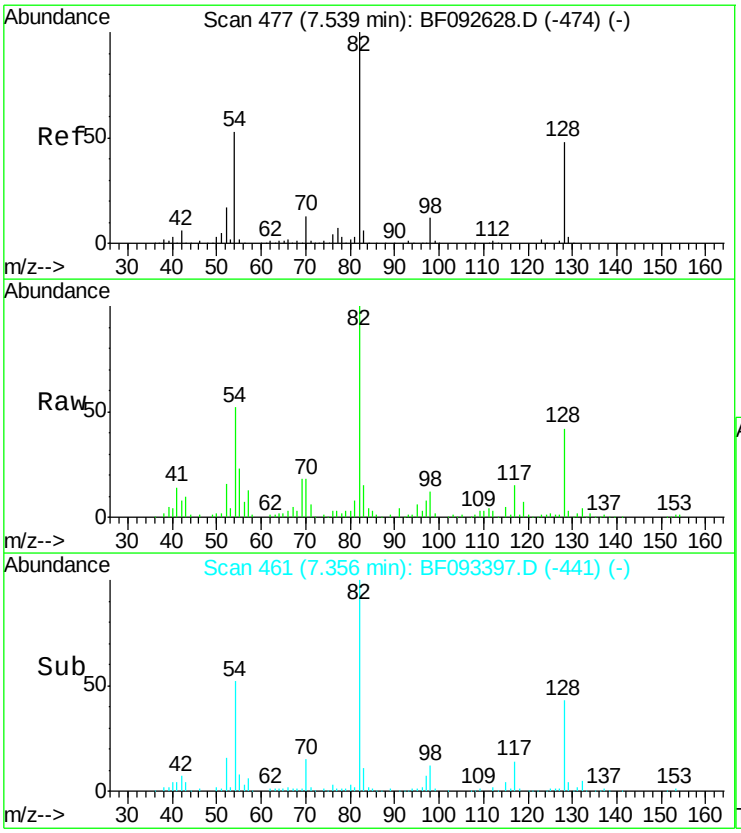
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.07 min
Lab File: BF093397.D
Acq: 4 Mar 2017 10:44

Instrument :
BNA_F
ClientSampleId :
19B-19

Tgt Ion:136 Resp: 703222

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	8.4	4.5	6.7#
68	7.1	3.6	5.4#

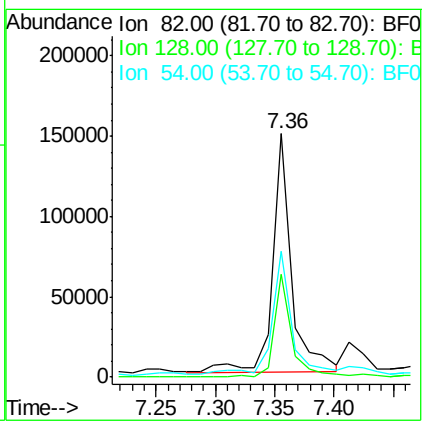


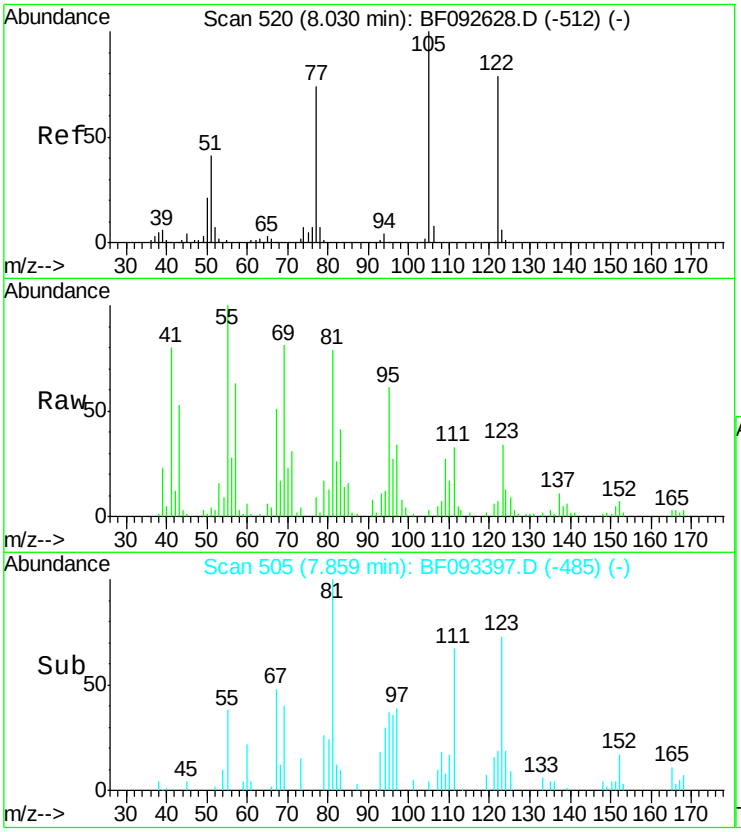


#23
Nitrobenzene-d5
Concen: 13.08 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.07 min
Lab File: BF093397.D
Acq: 4 Mar 2017 10:44

Tgt Ion: 82 Resp: 165163

Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.6	52.0
54	51.9	39.5	59.3



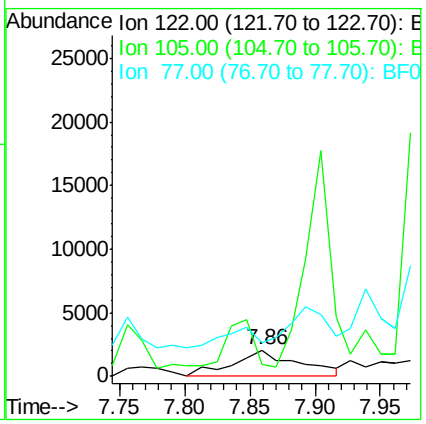


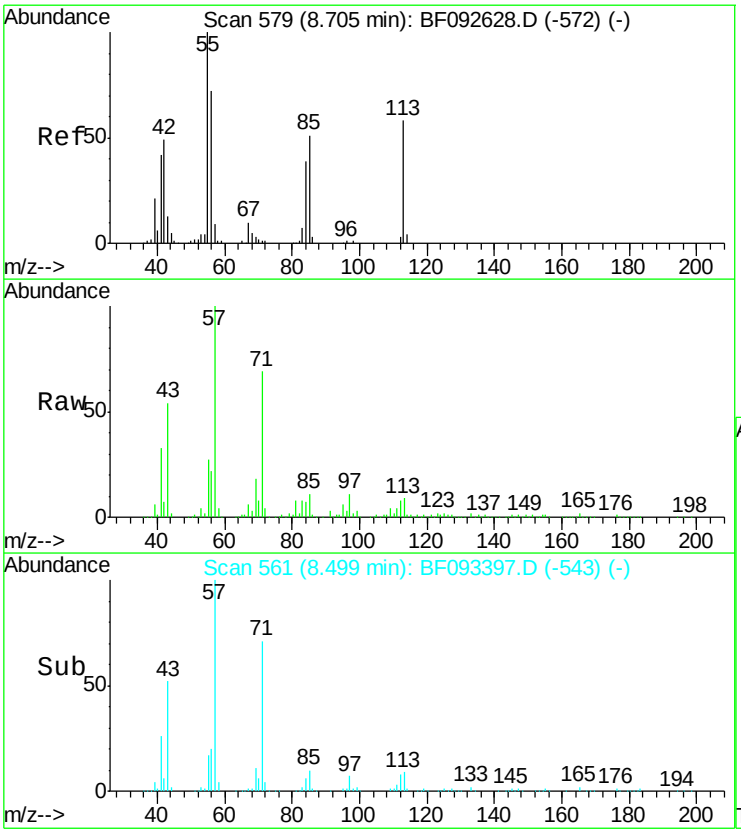
#32
Benzoic acid
Concen: 8.17 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.07 min
Lab File: BF093397.D
Acq: 4 Mar 2017 10:44

Instrument :
BNA_F
ClientSampleId :
19B-19

Tgt Ion:122 Resp: 7205

Ion	Ratio	Lower	Upper
122	100		
105	44.9	107.2	147.2#
77	130.4	74.5	114.5#

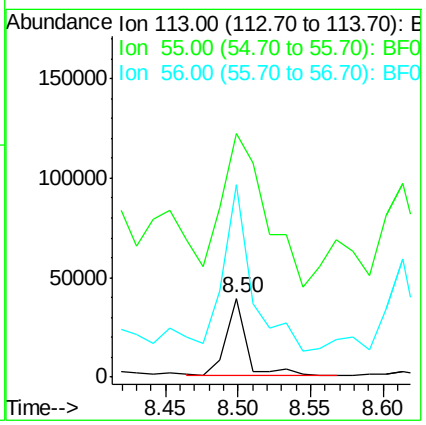


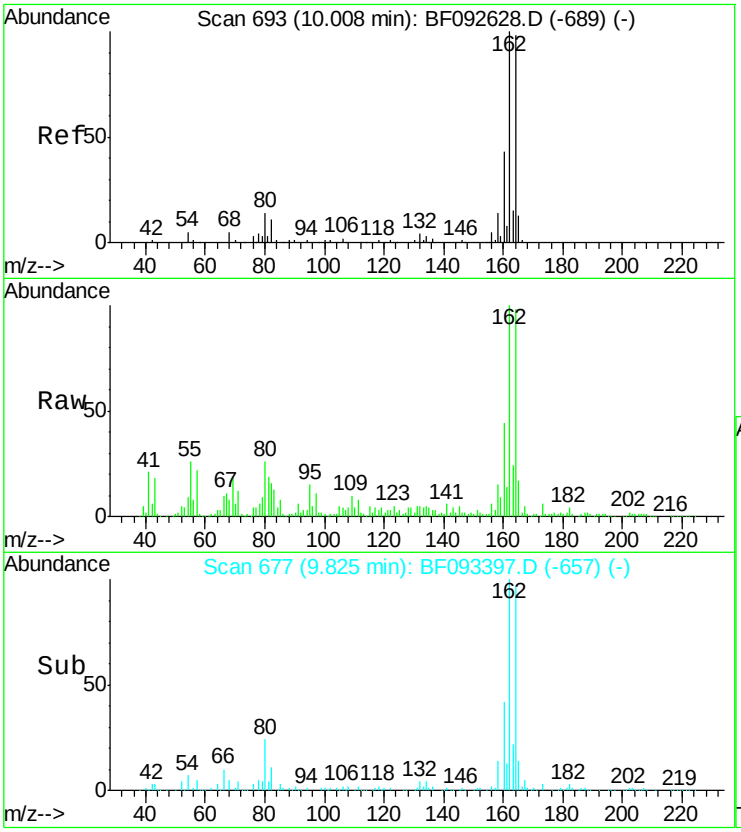


#35
Caprolactam
Concen: 11.68 ng
RT: 8.50 min Scan# 561
Delta R.T. -0.09 min
Lab File: BF093397.D
Acq: 4 Mar 2017 10:44

Tgt Ion:113 Resp: 37087

Ion	Ratio	Lower	Upper
113	100		
55	310.3	119.2	159.2#
56	245.8	83.8	123.8#



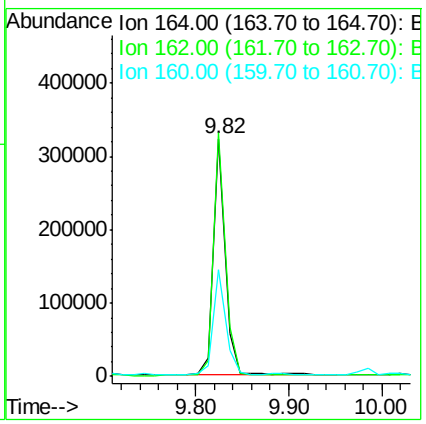


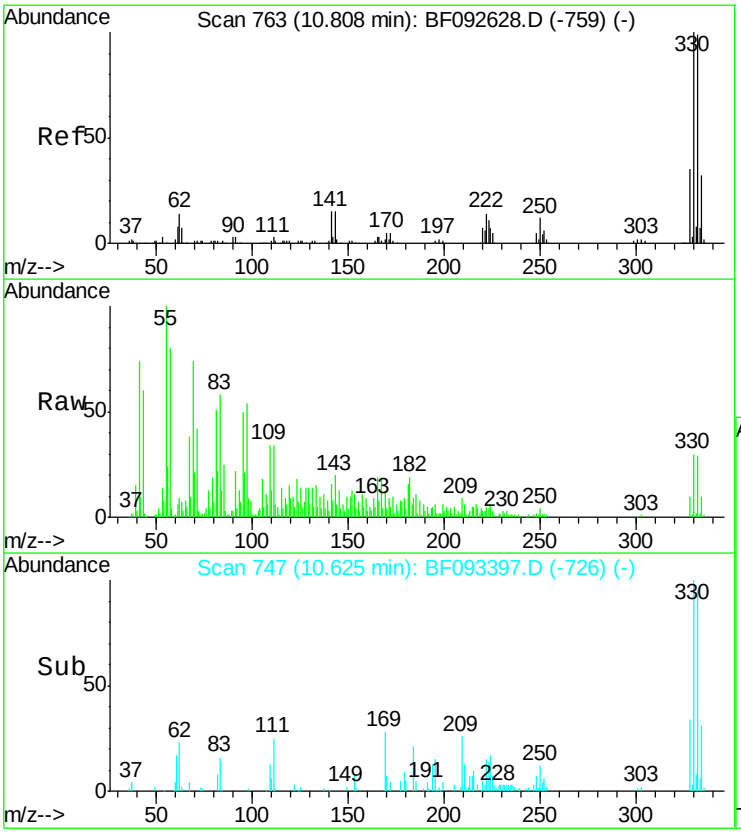
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.07 min
Lab File: BF093397.D
Acq: 4 Mar 2017 10:44

Instrument :
BNA_F
ClientSampleId :
19B-19

Tgt Ion:164 Resp: 284548

Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.2	120.2
160	44.8	36.9	55.3

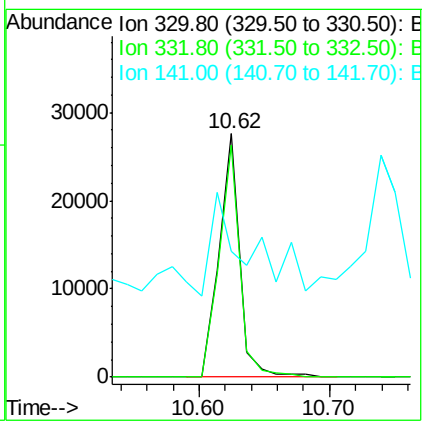


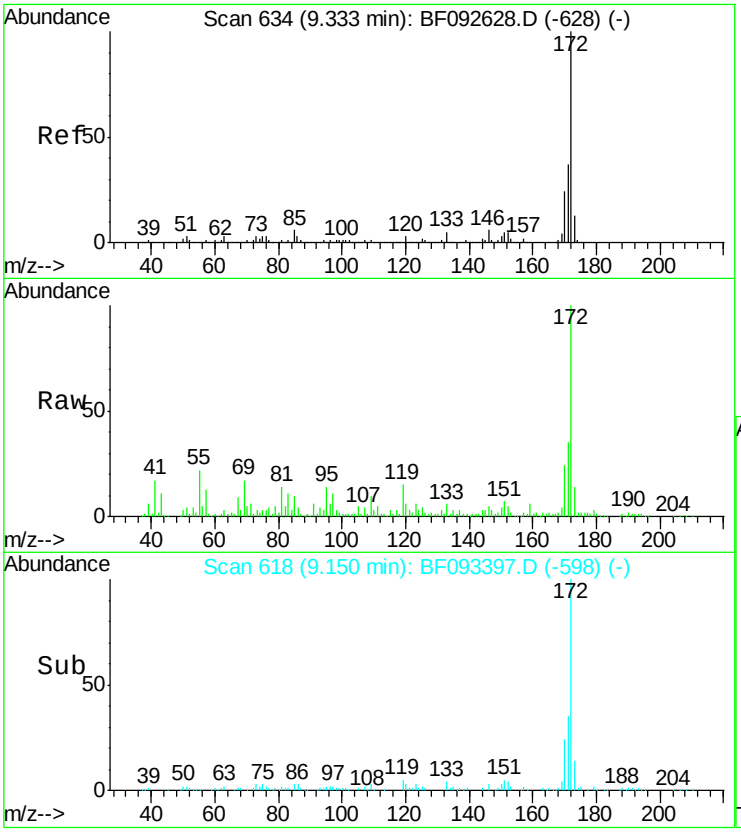


#41
2,4,6-Tribromophenol
Concen: 14.86 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.06 min
Lab File: BF093397.D
Acq: 4 Mar 2017 10:44

Tgt Ion:330 Resp: 30591

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.4	116.2
141	53.2	34.1	51.1#



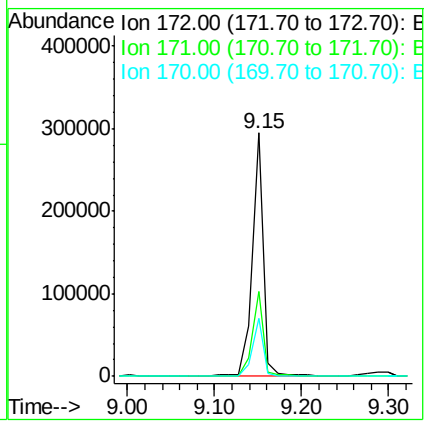


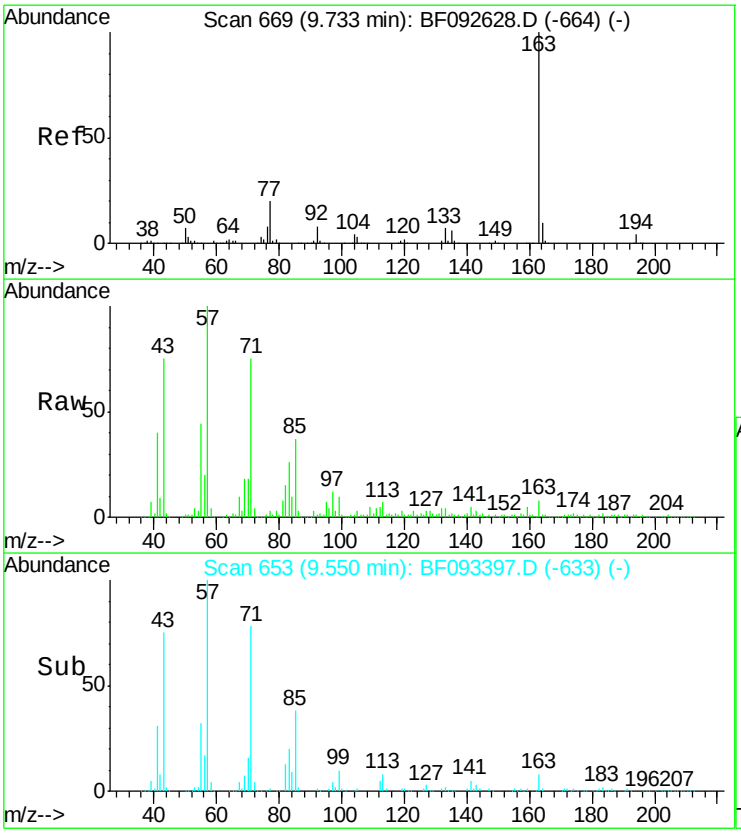
#44
2-Fluorobiphenyl
Concen: 17.02 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.07 min
Lab File: BF093397.D
Acq: 4 Mar 2017 10:44

Instrument :
BNA_F
ClientSampleId :
19B-19

Tgt Ion:172 Resp: 267293

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.4	44.0
170	24.0	20.2	30.4

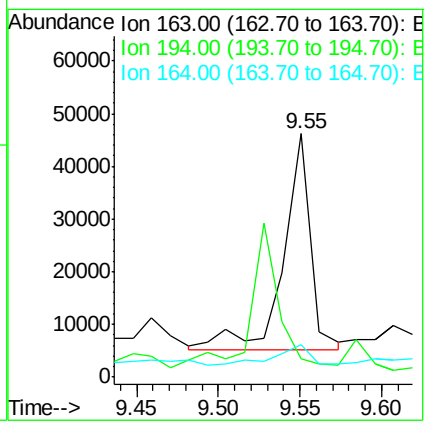


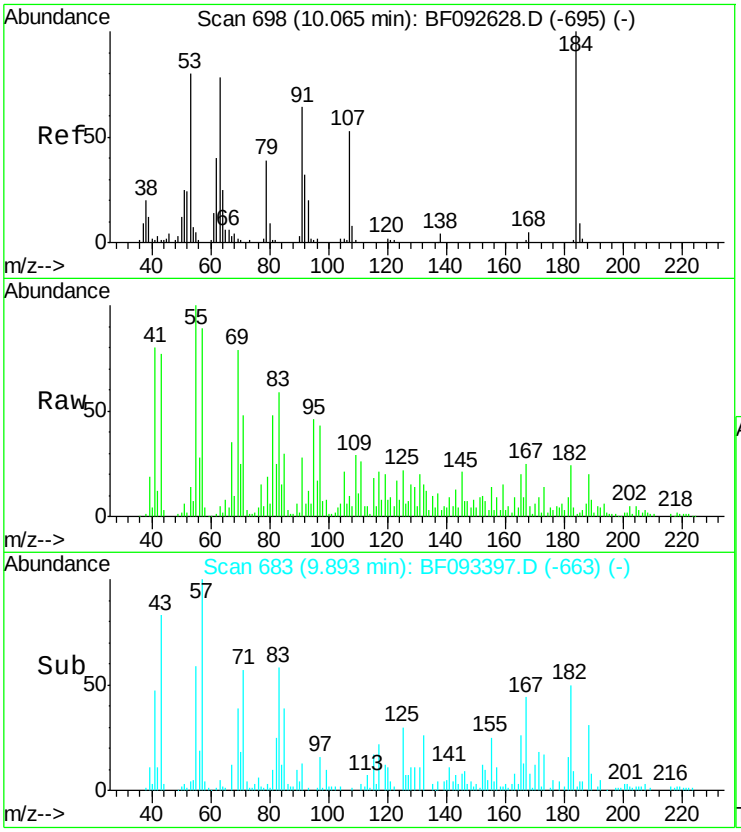


#49
Dimethylphthalate
Concen: 2.50 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.07 min
Lab File: BF093397.D
Acq: 4 Mar 2017 10:44

Tgt Ion:163 Resp: 47974

Ion	Ratio	Lower	Upper
163	100		
194	7.7	3.0	4.4#
164	13.2	8.0	12.0#



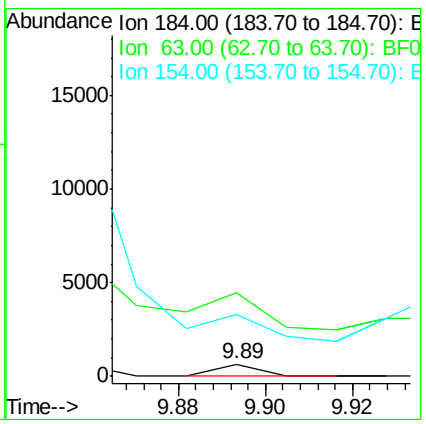


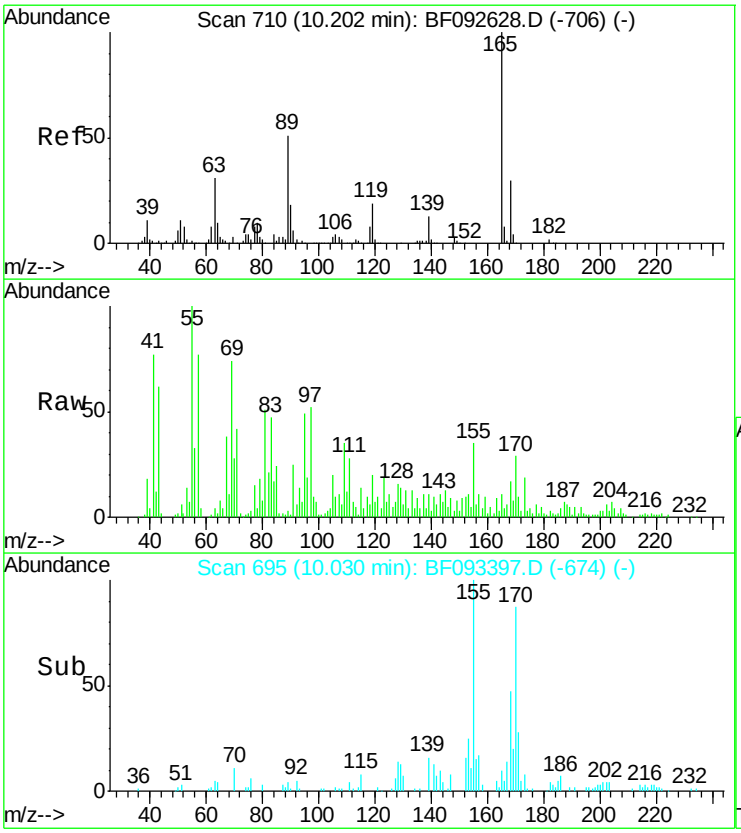
#53
2,4-Dinitrophenol
Concen: 4.93 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.07 min
Lab File: BF093397.D
Acq: 4 Mar 2017 10:44

Instrument :
BNA_F
ClientSampleId :
19B-19

Tgt Ion:184 Resp: 442

Ion	Ratio	Lower	Upper
184	100		
63	695.3	28.4	42.6#
154	512.7	44.3	66.5#

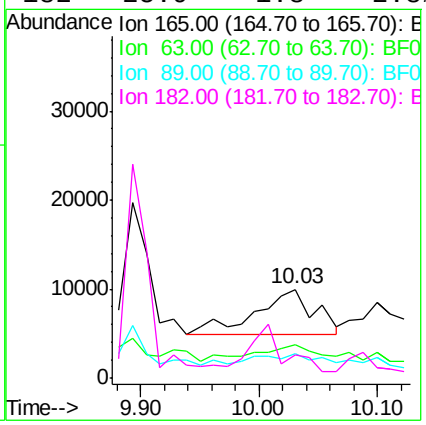


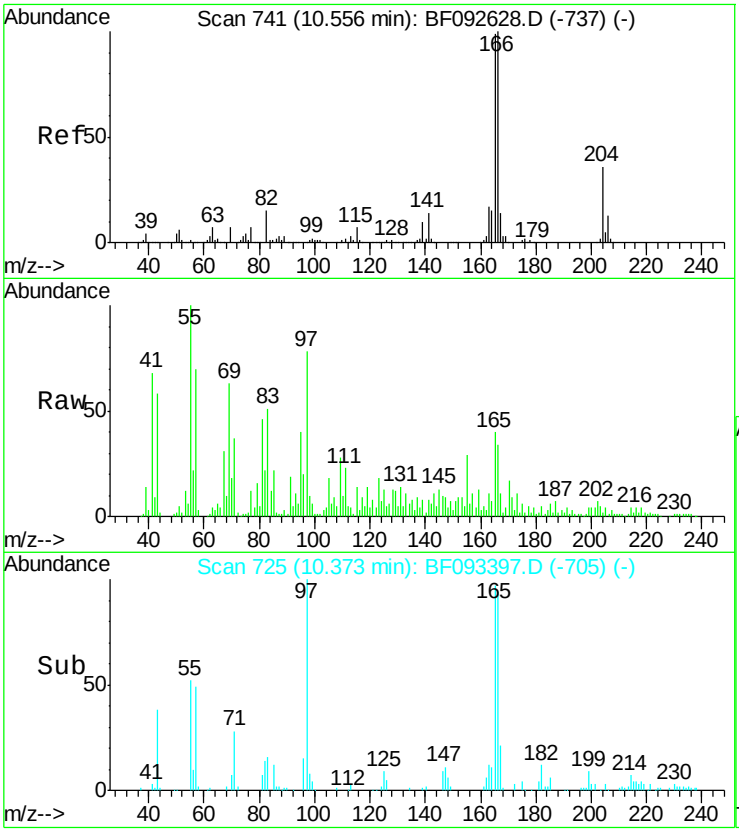


#56
2,4-Dinitrotoluene
Concen: 3.14 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.06 min
Lab File: BF093397.D
Acq: 4 Mar 2017 10:44

Tgt Ion:165 Resp: 17279

Ion	Ratio	Lower	Upper
165	100		
63	37.9	40.2	60.4#
89	26.8	62.5	93.7#
182	25.9	1.8	2.8#



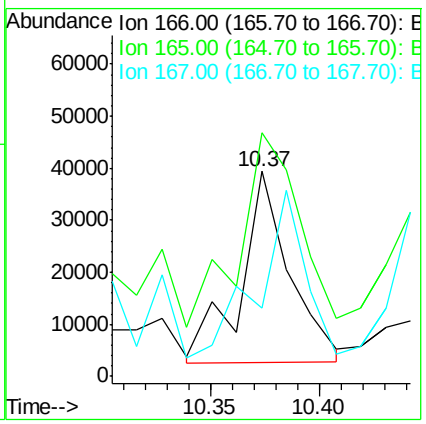


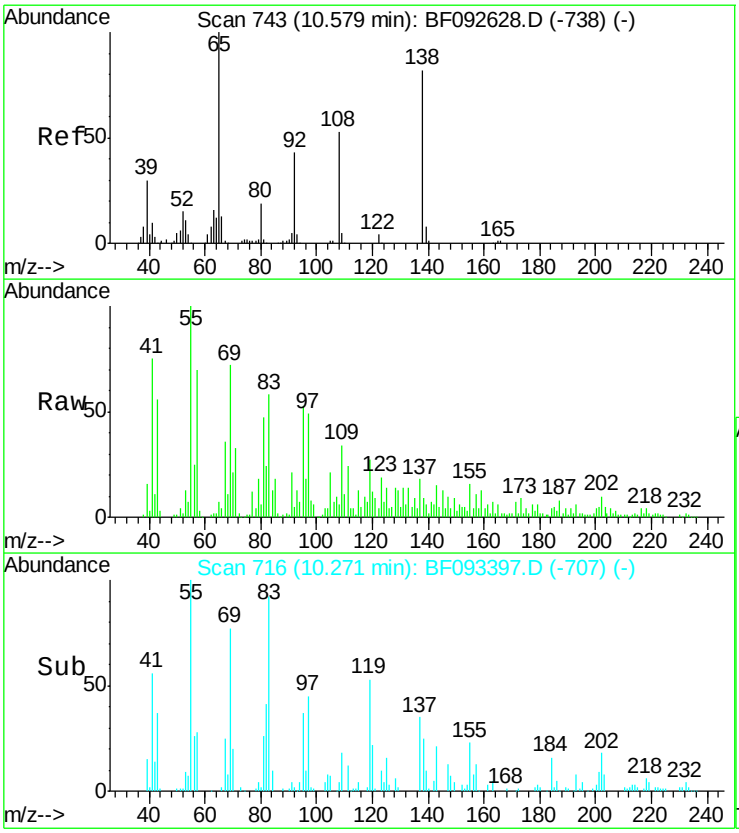
#57
Fluorene
Concen: 3.37 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.07 min
Lab File: BF093397.D
Acq: 4 Mar 2017 10:44

Instrument :
BNA_F
ClientSampleId :
19B-19

Tgt Ion:166 Resp: 57706

Ion	Ratio	Lower	Upper
166	100		
165	118.8	77.8	116.8#
167	33.4	10.8	16.2#

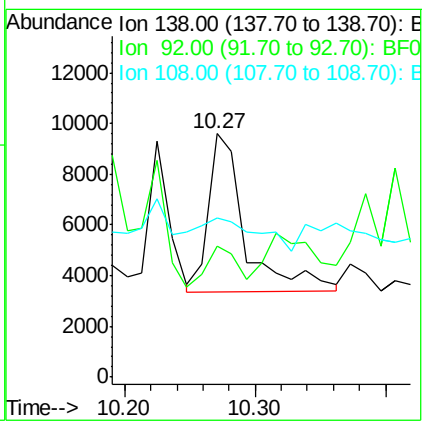


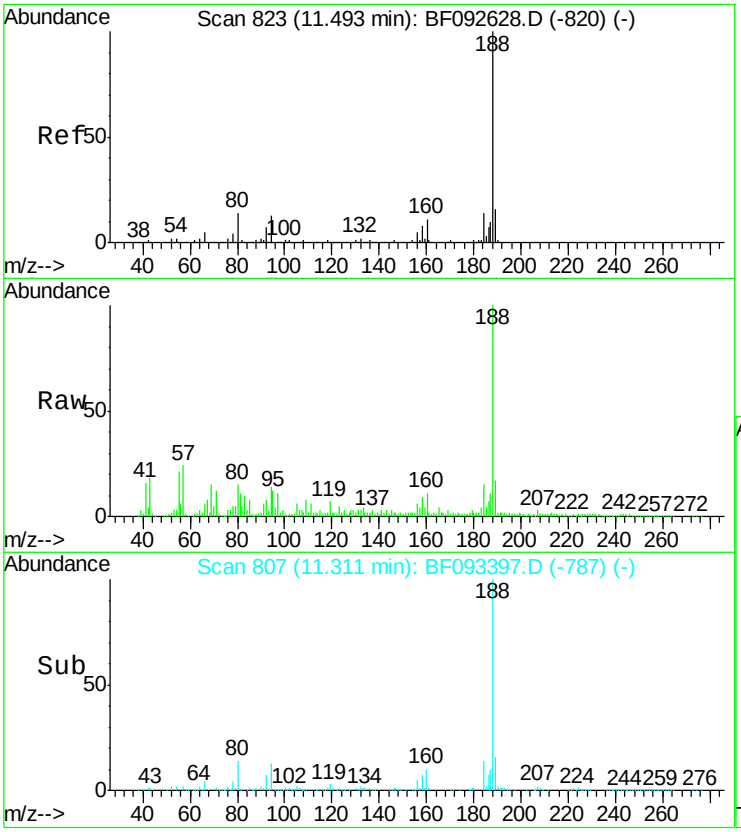


#61
4-Nitroaniline
Concen: 2.54 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.19 min
Lab File: BF093397.D
Acq: 4 Mar 2017 10:44

Tgt Ion:138 Resp: 12301

Ion	Ratio	Lower	Upper
138	100		
92	53.6	31.7	71.7
108	65.2	52.6	92.6



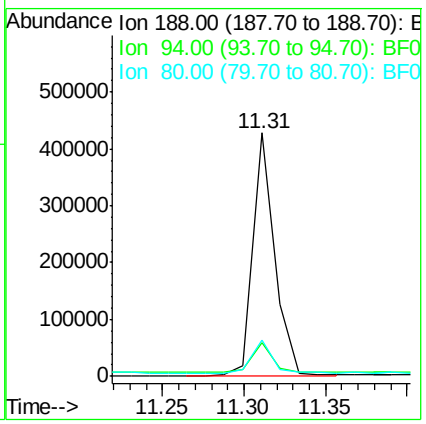


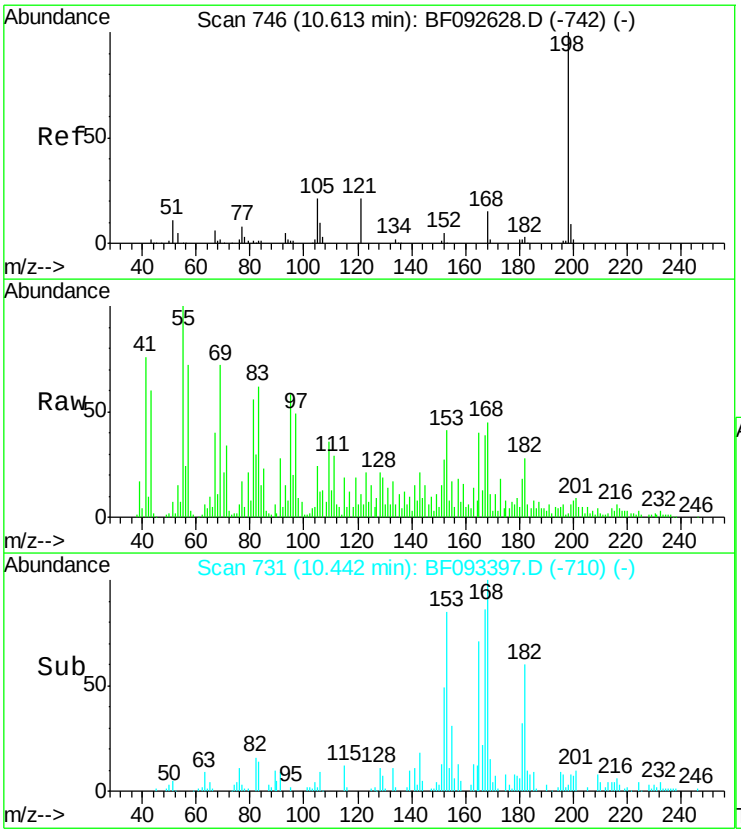
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.07 min
Lab File: BF093397.D
Acq: 4 Mar 2017 10:44

Instrument :
BNA_F
ClientSampleId :
19B-19

Tgt Ion:188 Resp: 395597

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

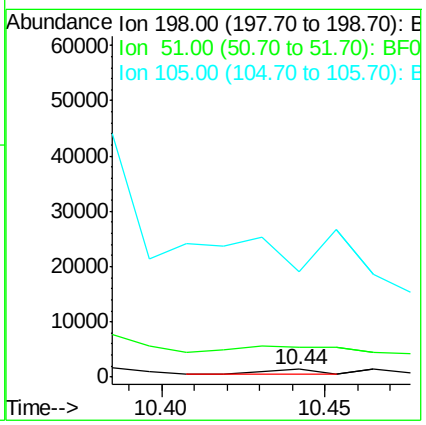


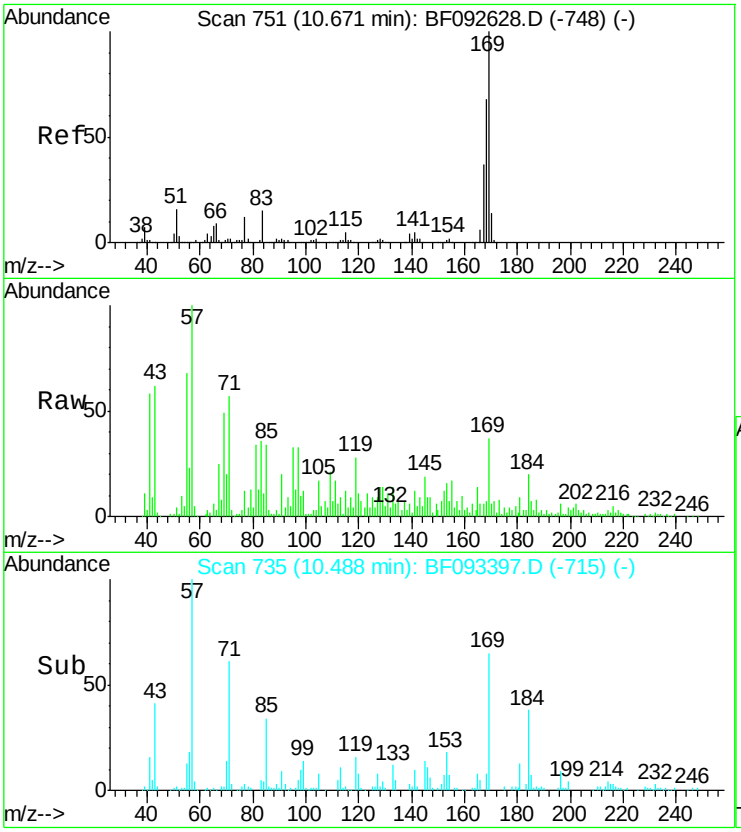


#64
4,6-Dinitro-2-methylphenol
Concen: 3.11 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.06 min
Lab File: BF093397.D
Acq: 4 Mar 2017 10:44

Tgt Ion:198 Resp: 1115

Ion	Ratio	Lower	Upper
198	100		
51	397.4	6.7	46.7#
105	1375.7	16.6	56.6#



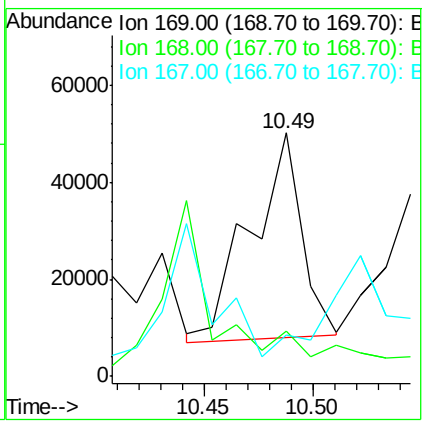


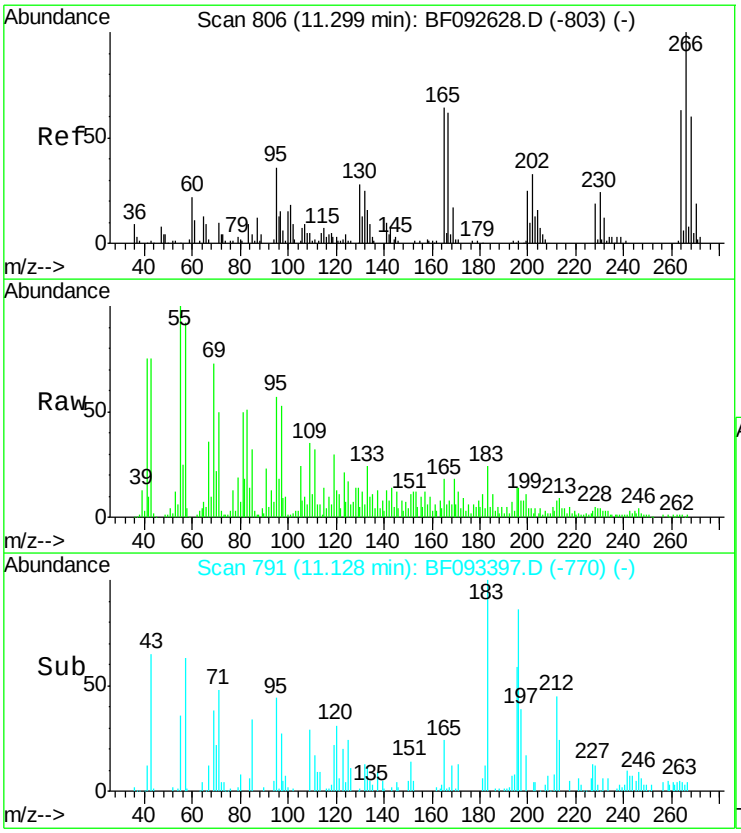
#65
n-Nitrosodiphenylamine
Concen: 5.51 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.07 min
Lab File: BF093397.D
Acq: 4 Mar 2017 10:44

Instrument :
BNA_F
ClientSampleId :
19B-19

Tgt Ion:169 Resp: 69622

Ion	Ratio	Lower	Upper
169	100		
168	18.5	54.2	81.2#
167	16.8	30.2	45.4#

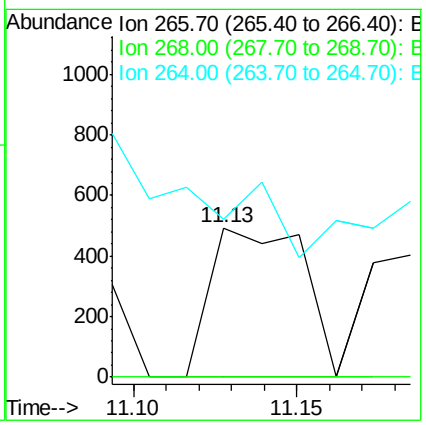


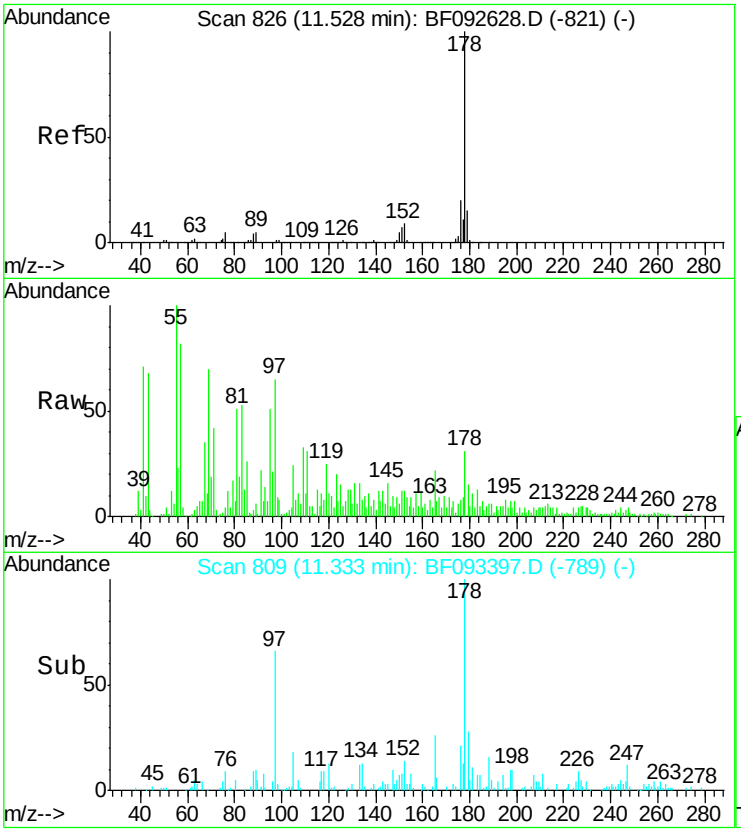


#69
Pentachlorophenol
Concen: 7.62 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.06 min
Lab File: BF093397.D
Acq: 4 Mar 2017 10:44

Tgt Ion:266 Resp: 963

Ion	Ratio	Lower	Upper
266	100		
268	0.0	53.3	79.9#
264	105.5	50.3	75.5#



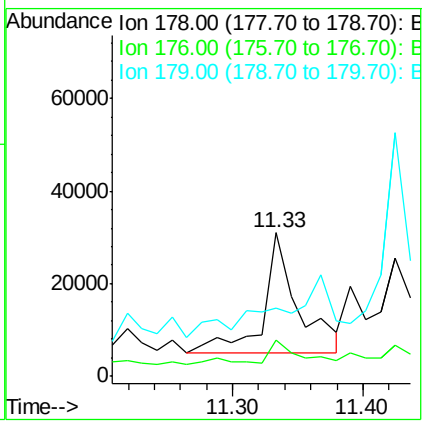


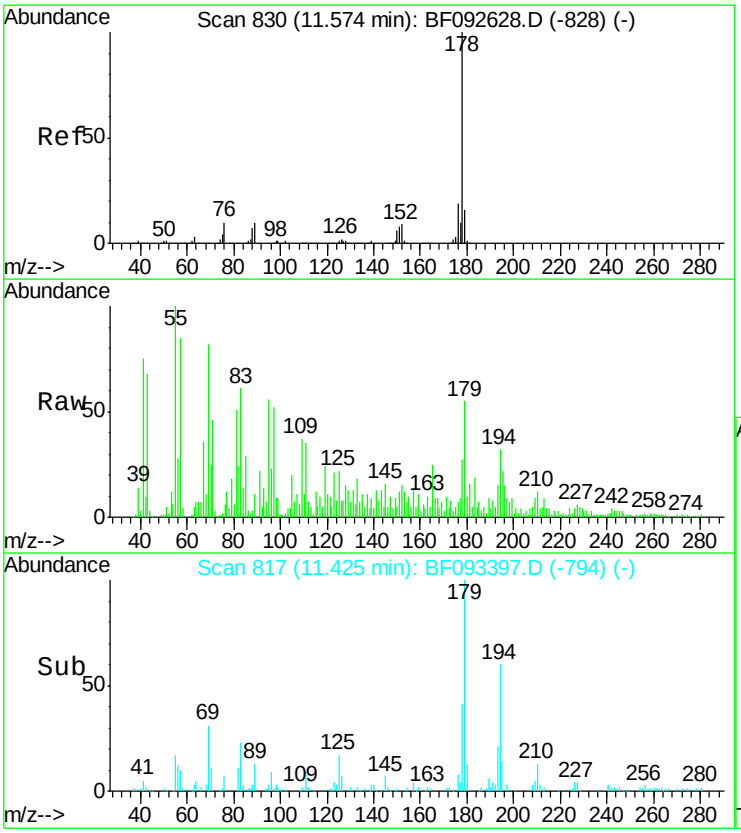
#70
Phenanthrene
Concen: 2.15 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.07 min
Lab File: BF093397.D
Acq: 4 Mar 2017 10:44

Instrument :
BNA_F
ClientSampleId :
19B-19

Tgt Ion:178 Resp: 48813

Ion	Ratio	Lower	Upper
178	100		
176	25.4	16.6	25.0#
179	48.0	12.8	19.2#

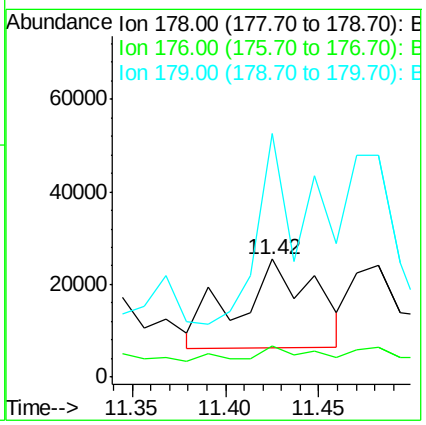


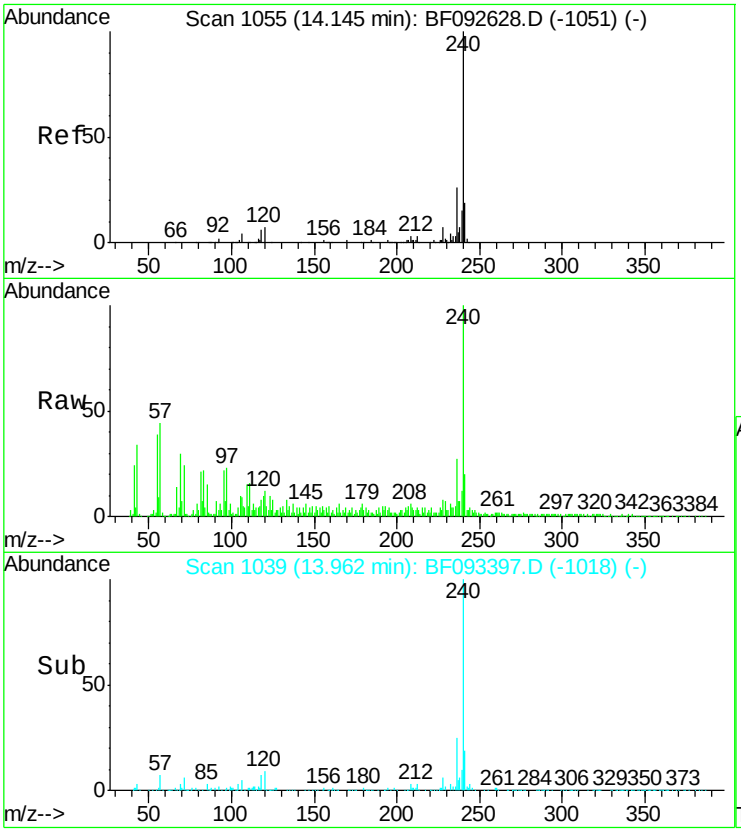


#71
Anthracene
Concen: 2.42 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.03 min
Lab File: BF093397.D
Acq: 4 Mar 2017 10:44

Tgt Ion:178 Resp: 55048

Ion	Ratio	Lower	Upper
178	100		
176	26.2	15.9	23.9#
179	207.1	13.2	19.8#



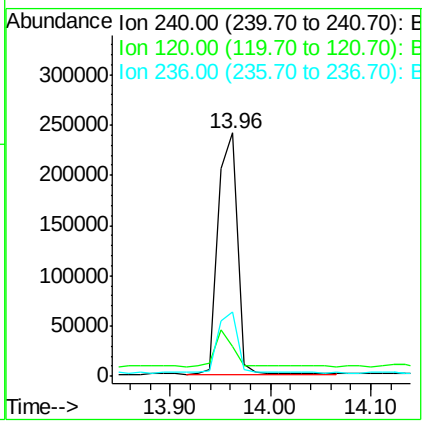


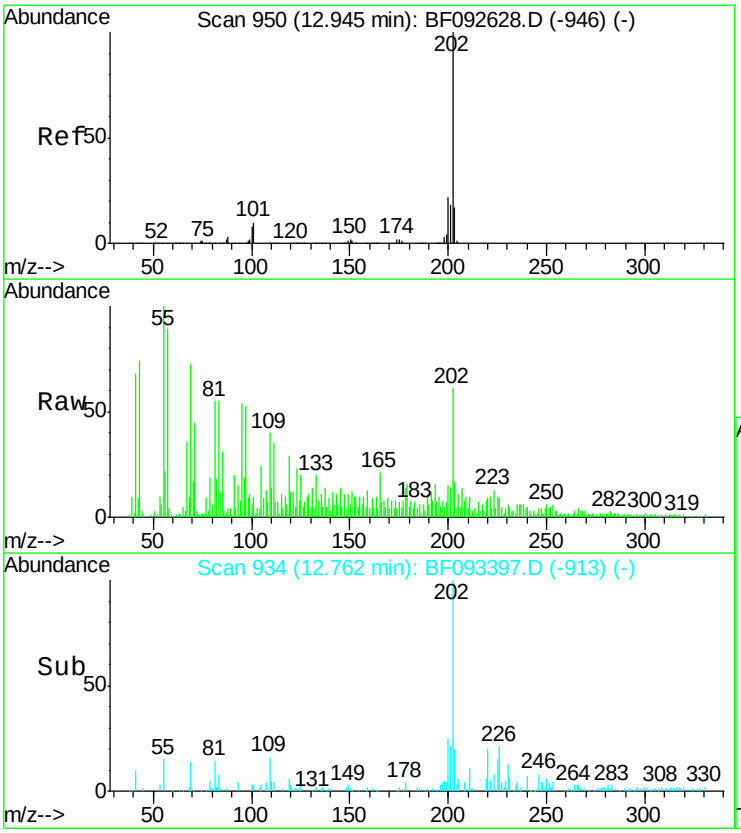
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.06 min
Lab File: BF093397.D
Acq: 4 Mar 2017 10:44

Instrument :
BNA_F
ClientSampleId :
19B-19

Tgt Ion:240 Resp: 319868

Ion	Ratio	Lower	Upper
240	100		
120	12.3	12.9	19.3#
236	26.5	20.9	31.3

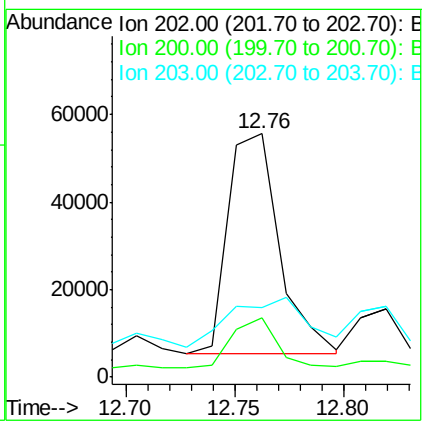


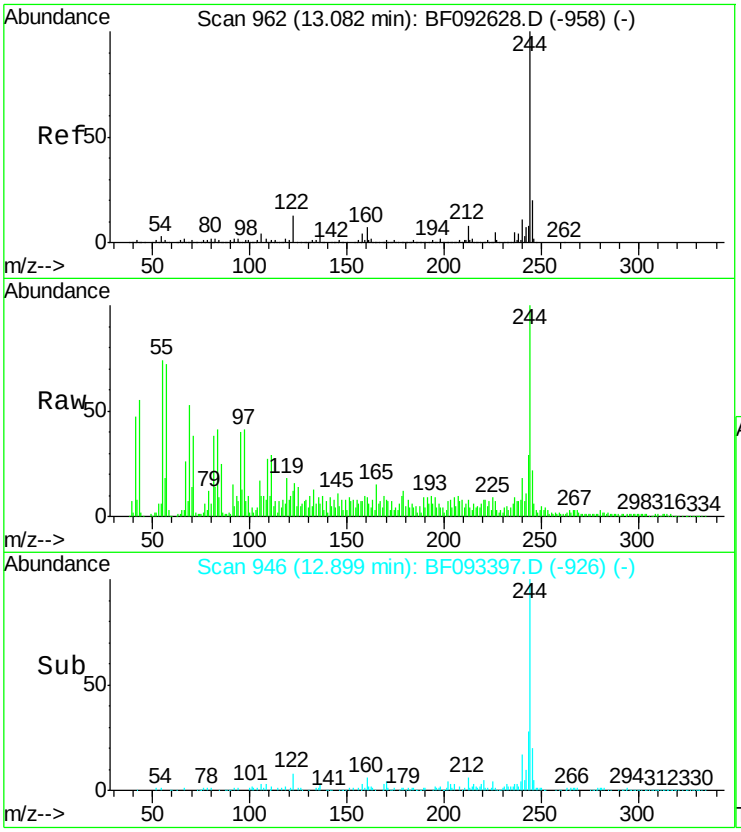


#77
Pyrene
Concen: 3.41 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.06 min
Lab File: BF093397.D
Acq: 4 Mar 2017 10:44

Tgt Ion:202 Resp: 81743

Ion	Ratio	Lower	Upper
202	100		
200	24.2	17.7	26.5
203	28.6	14.7	22.1#



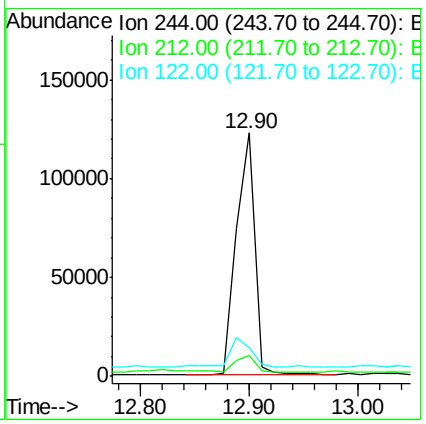


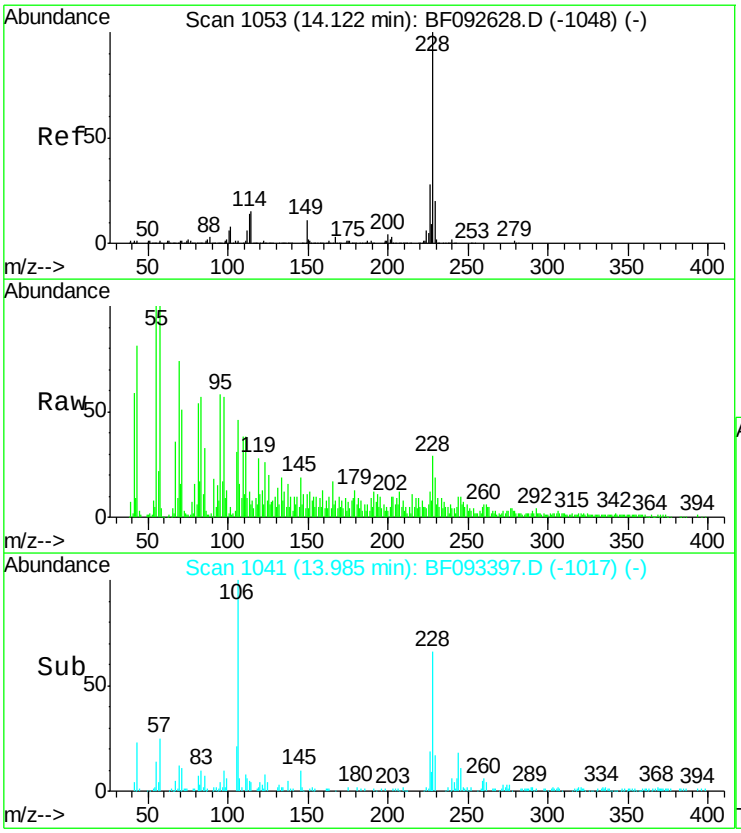
#78
Terphenyl-d14
Concen: 10.28 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.07 min
Lab File: BF093397.D
Acq: 4 Mar 2017 10:44

Instrument :
BNA_F
ClientSampleId :
19B-19

Tgt Ion:244 Resp: 139966

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.2	9.2
122	11.8	11.4	17.2

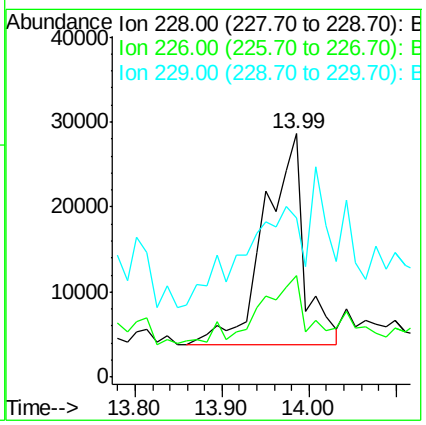


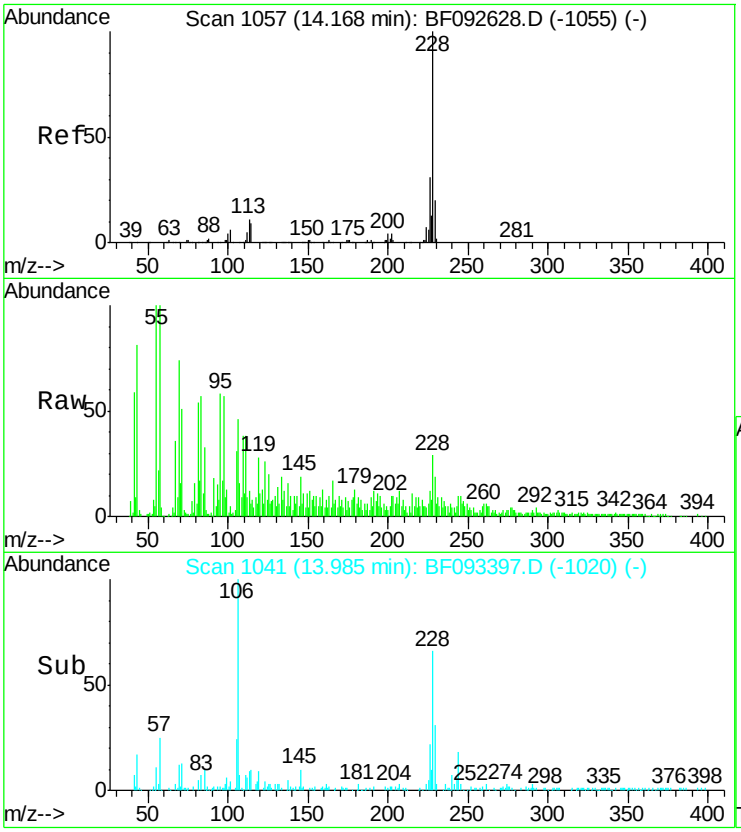


#80
Benzo(a)anthracene
Concen: 4.07 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF093397.D
Acq: 4 Mar 2017 10:44

Tgt Ion:228 Resp: 79624

Ion	Ratio	Lower	Upper
228	100		
226	41.7	22.4	33.6#
229	65.5	16.2	24.4#



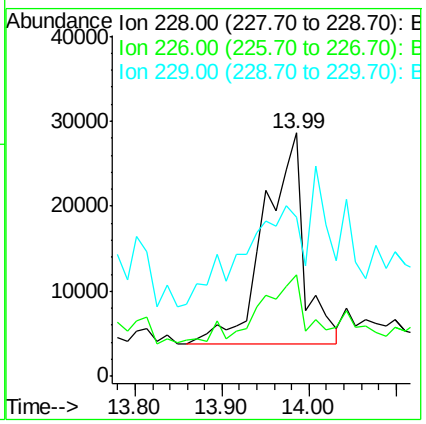


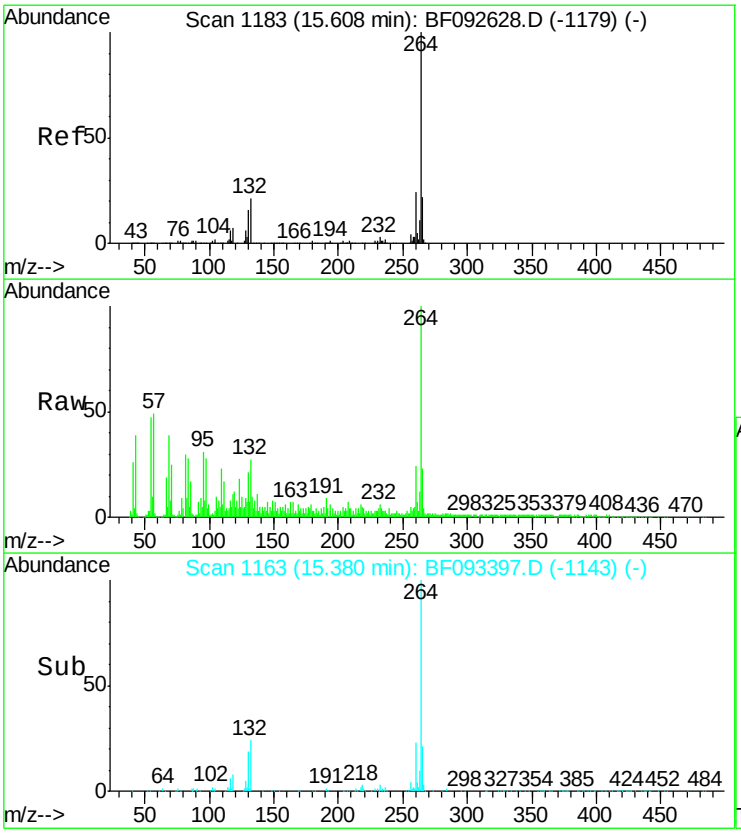
#82
Chrysene
Concen: 4.35 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.06 min
Lab File: BF093397.D
Acq: 4 Mar 2017 10:44

Instrument :
BNA_F
ClientSampleId :
19B-19

Tgt Ion:228 Resp: 79624

Ion	Ratio	Lower	Upper
228	100		
226	41.7	25.4	38.0#
229	65.5	16.2	24.2#

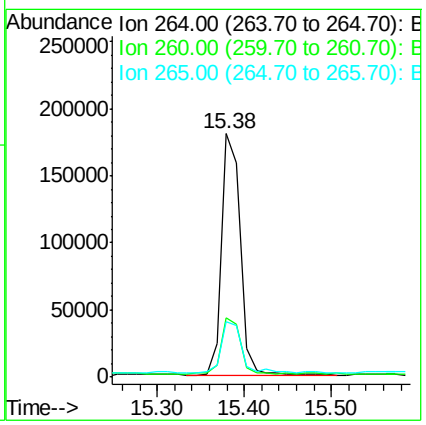


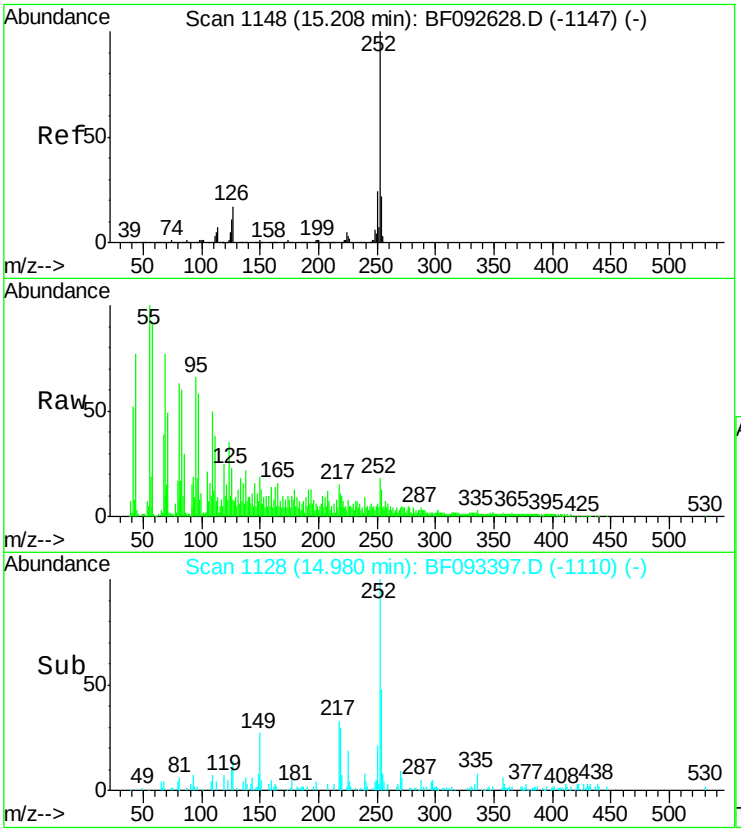


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.07 min
Lab File: BF093397.D
Acq: 4 Mar 2017 10:44

Tgt Ion:264 Resp: 268814

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.7	17.4	26.0





#88
Benzo(k)fluoranthene
Concen: 2.03 ng
RT: 14.98 min Scan# 1128
Delta R.T. -0.09 min
Lab File: BF093397.D
Acq: 4 Mar 2017 10:44

Instrument :
BNA_F
ClientSampleId :
19B-19

Tgt Ion:252 Resp: 30958

Ion	Ratio	Lower	Upper
252	100		
253	70.7	18.5	27.7#
125	126.4	8.9	13.3#