Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF031117\
Data File : BF093591.D
Acq On : 12 Mar 2017 5:21
Operator : SJ/MA
Sample : I2010-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB412B

Quant Time: Mar 13 18:05:37 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 15:05:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	189395	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	754777	20.00	ng		-0.01
38) Acenaphthene-d10	9.75	164	326315	20.00	ng		-0.01
63) Phenanthrene-d10	11.24	188	474476	20.00	ng		-0.01
75) Chrysene-d12	13.88	240	346265	20.00	ng		-0.01
86) Perylene-d12	15.28	264	301500	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1572529	138.19	ng		0.00
7) Phenol-d6	6.38	99	2010805	140.12	ng		0.00
23) Nitrobenzene-d5	7.29	82	1216330	89.41	ng		-0.01
41) 2,4,6-Tribromophenol	10.55	330	271931	127.91	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1821593	103.83	ng		0.00
78) Terphenyl-d14	12.83	244	1156861	86.86	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.33	77	3530	Below Cal			91
10) Phenol	6.39	94	141060	8.02	ng	#	76
19) n-Nitroso-di-n-propylamine	7.29	70	166626	16.89	ng	#	84
25) Isophorone	7.29	82	1216451	44.34	ng	#	65
49) Dimethylphthalate	9.49	163	253694	11.73	ng		99
56) 2,4-Dinitrotoluene	9.75	165	41501	7.12	ng	#	21
66) 4-Bromophenyl-phenylether	10.55	248	20729	4.13	ng	#	1
77) Pyrene	12.69	202	54446	2.16	ng		96
87) Benzo(b)fluoranthene	14.89	252	46453	2.53	ng	#	95
88) Benzo(k)fluoranthene	14.89	252	46453	2.62	ng	#	95

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

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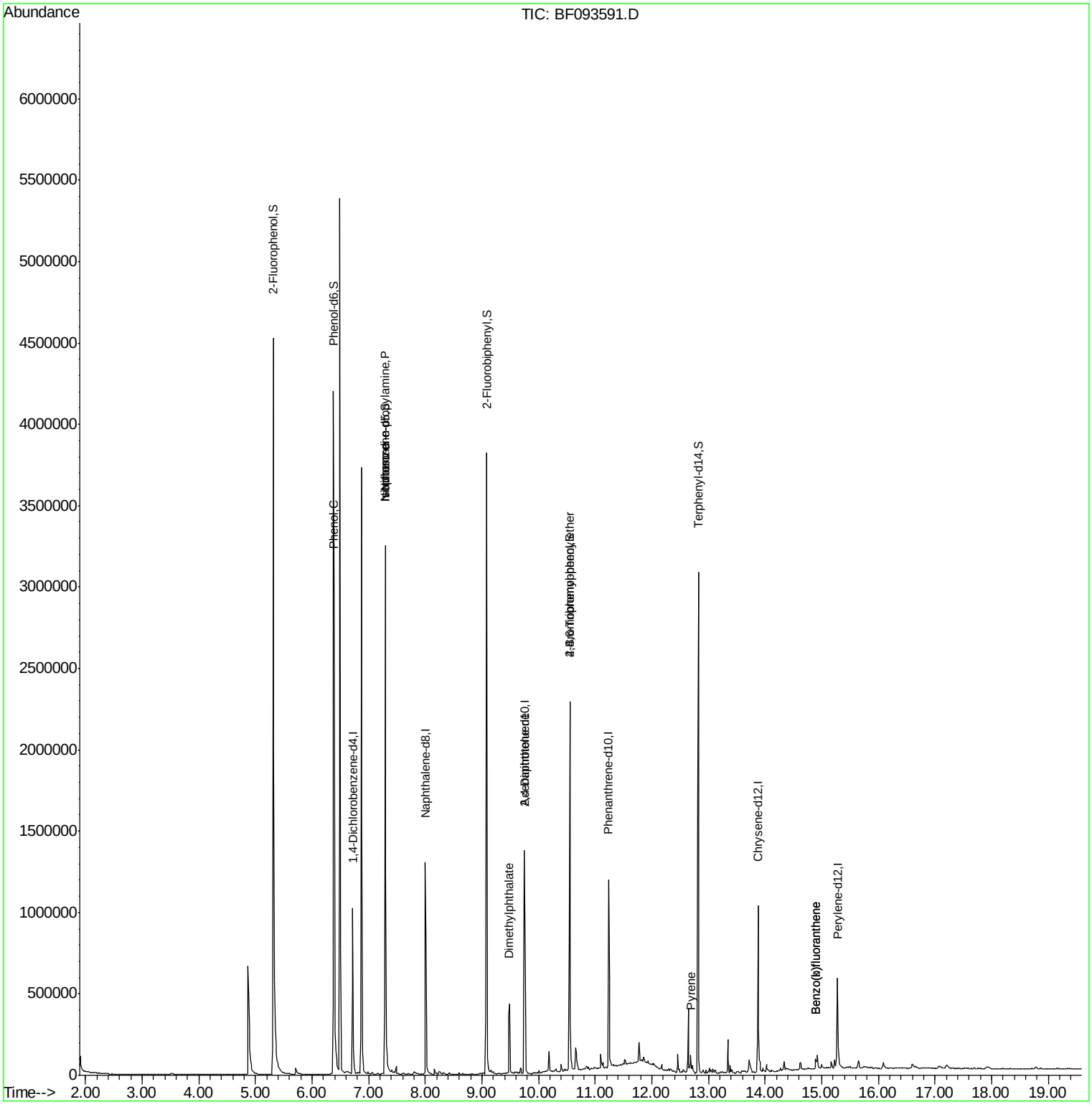
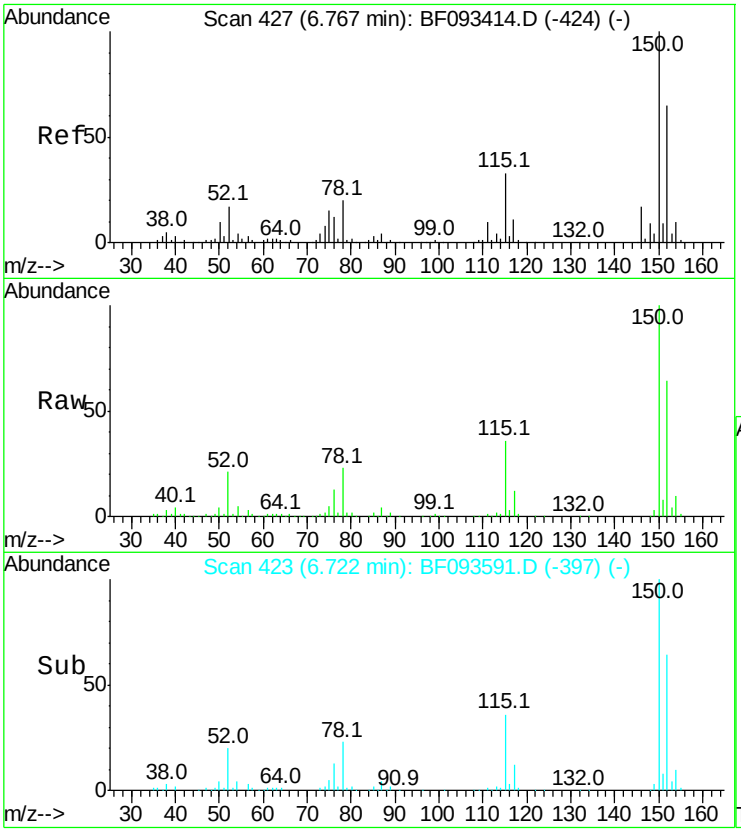


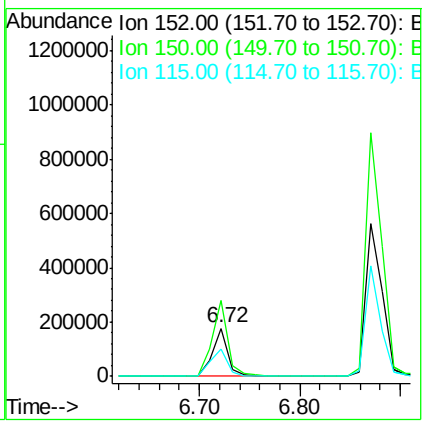


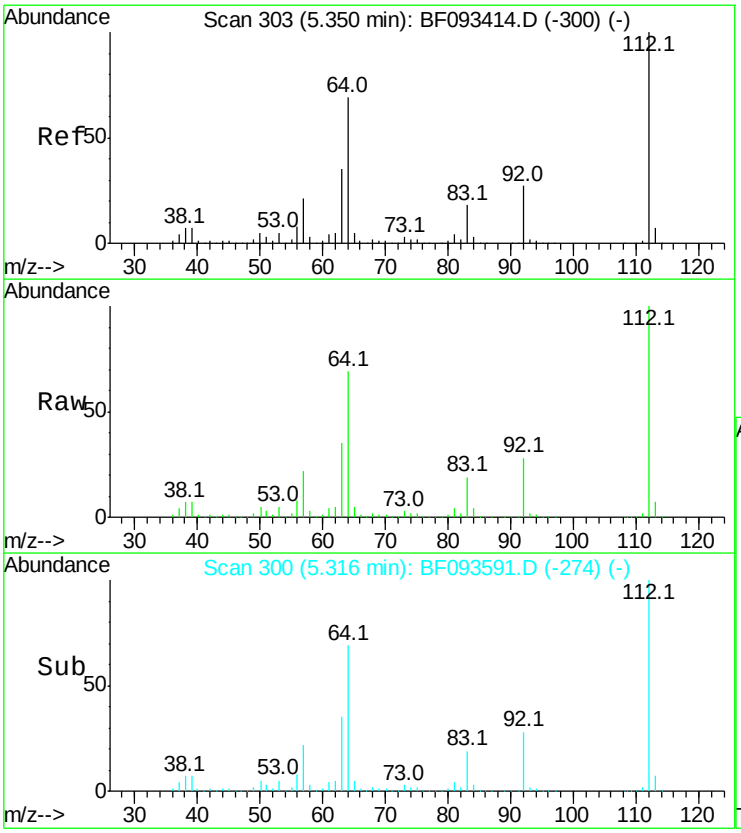
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF093591.D
Acq: 12 Mar 2017 5:21

Instrument :
BNA_F
ClientSampleId :
HY-SB412B

Tgt Ion:152 Resp: 189395

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.9	187.3
115	55.8	46.0	69.0

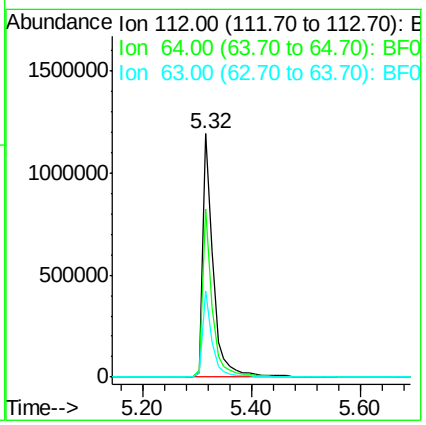


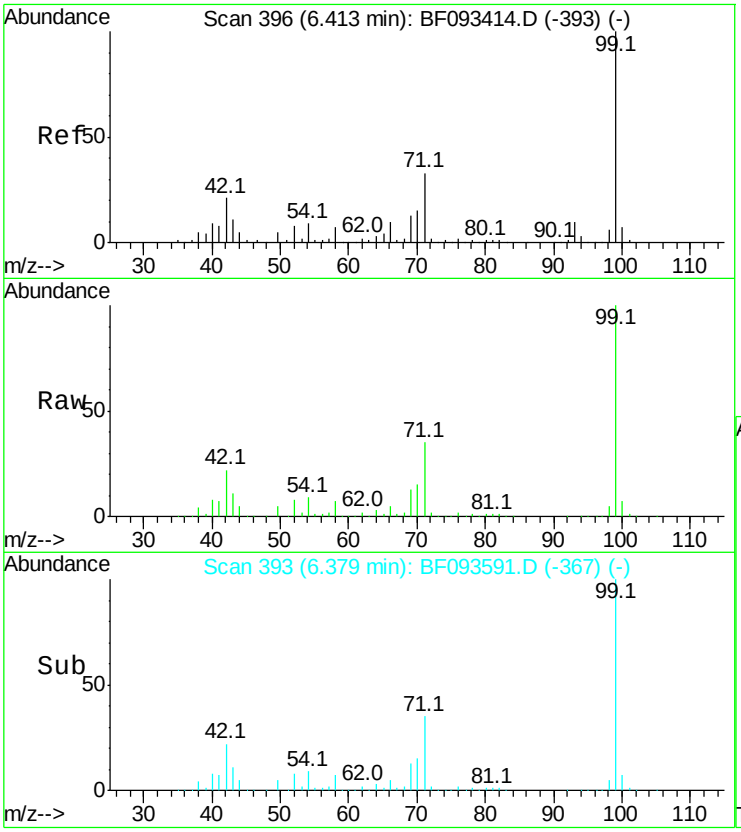


#5
2-Fluorophenol
Concen: 138.19 ng
RT: 5.32 min Scan# 300
Delta R.T. 0.00 min
Lab File: BF093591.D
Acq: 12 Mar 2017 5:21

Tgt Ion:112 Resp: 1572529

Ion	Ratio	Lower	Upper
112	100		
64	69.2	46.1	69.1#
63	35.3	23.8	35.6



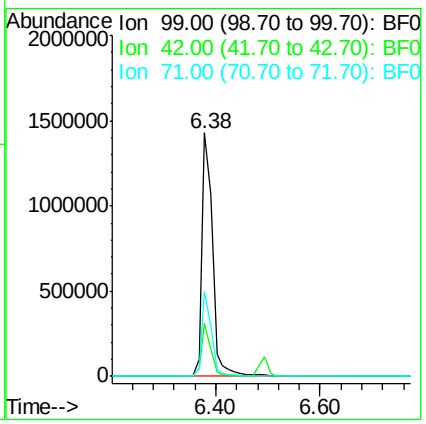


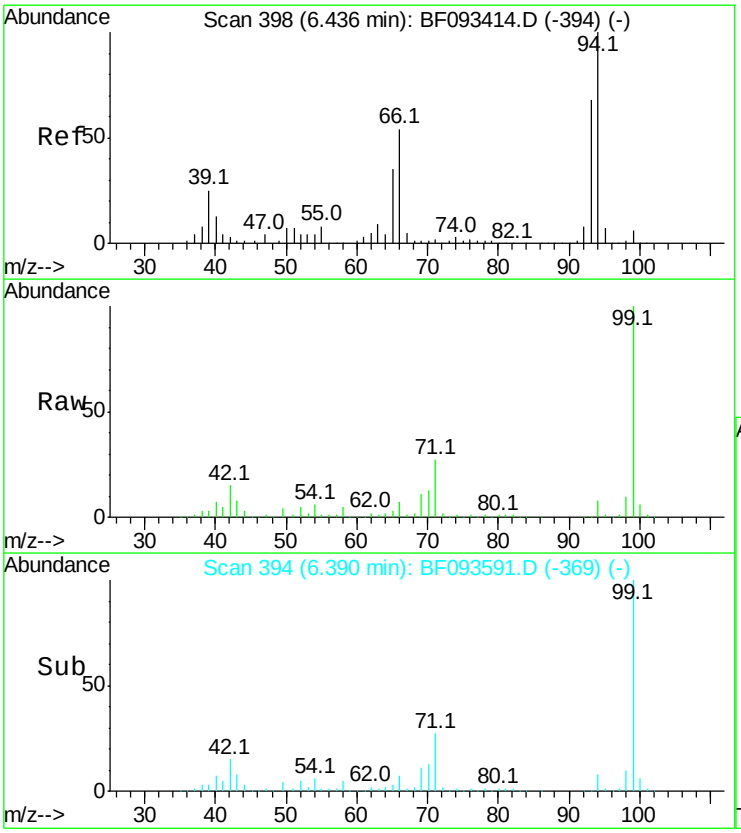
#7
Phenol-d6
Concen: 140.12 ng
RT: 6.38 min Scan# 393
Delta R.T. 0.00 min
Lab File: BF093591.D
Acq: 12 Mar 2017 5:21

Instrument :
BNA_F
ClientSampleId :
HY-SB412B

Tgt Ion: 99 Resp: 2010805

Ion	Ratio	Lower	Upper
99	100		
42	21.8	15.6	23.4
71	34.8	27.5	41.3

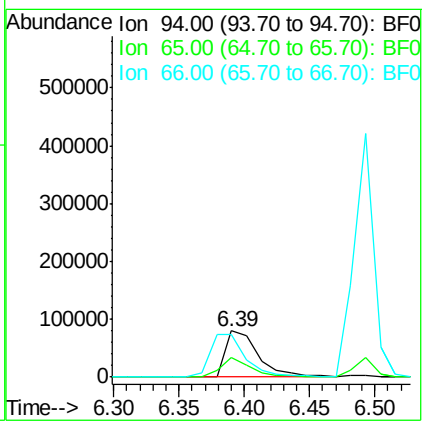


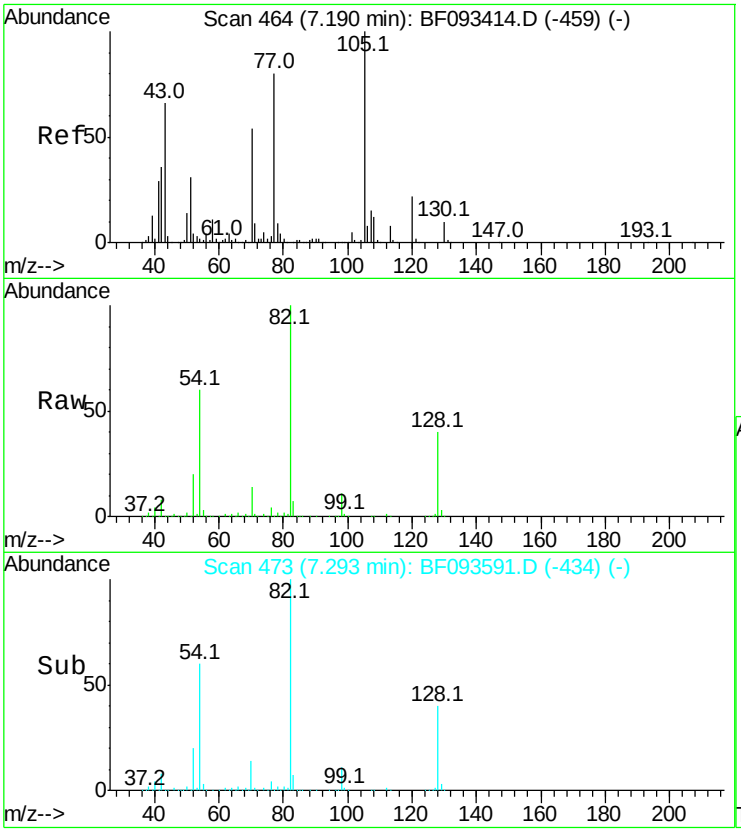


#10
Phenol
Concen: 8.02 ng
RT: 6.39 min Scan# 394
Delta R.T. -0.01 min
Lab File: BF093591.D
Acq: 12 Mar 2017 5:21

Tgt Ion: 94 Resp: 141060

Ion	Ratio	Lower	Upper
94	100		
65	43.6	21.4	61.4
66	93.0	44.0	84.0#



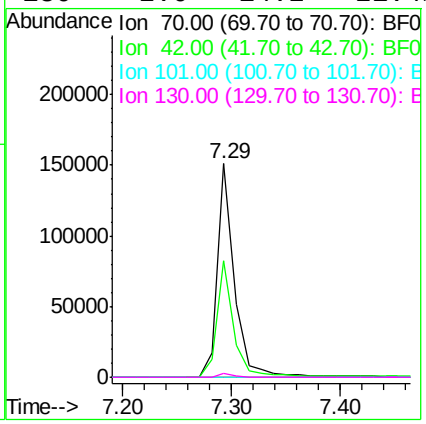


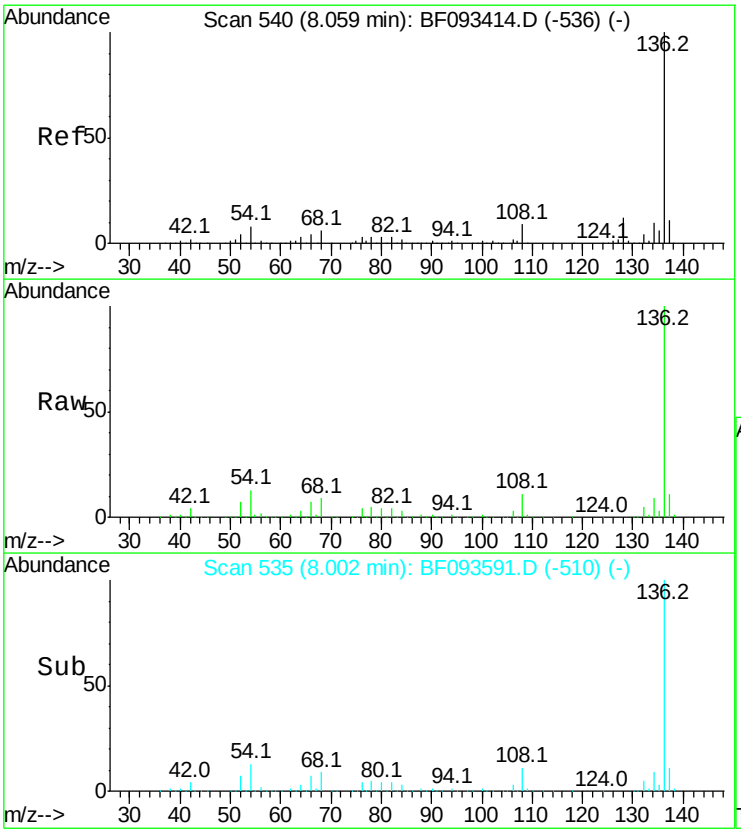
#19
n-Nitroso-di-n-propylamine
Concen: 16.89 ng
RT: 7.29 min Scan# 473
Delta R.T. 0.15 min
Lab File: BF093591.D
Acq: 12 Mar 2017 5:21

Instrument :
BNA_F
ClientSampleId :
HY-SB412B

Tgt Ion: 70 Resp: 166626

Ion	Ratio	Lower	Upper
70	100		
42	54.7	49.4	74.0
101	0.0	7.4	11.2#
130	2.0	14.2	21.4#

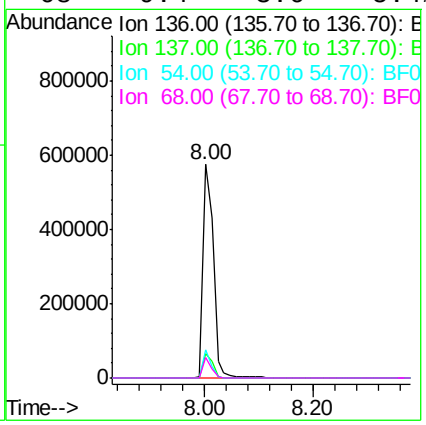


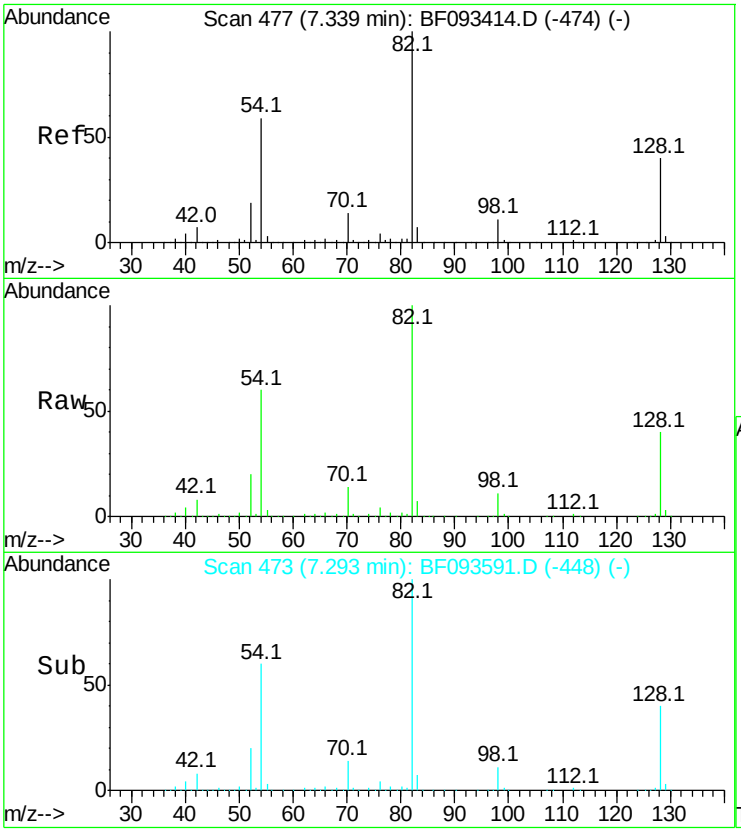


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093591.D
Acq: 12 Mar 2017 5:21

Tgt Ion:136 Resp: 754777

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	13.4	4.5	6.7#
68	9.4	3.6	5.4#



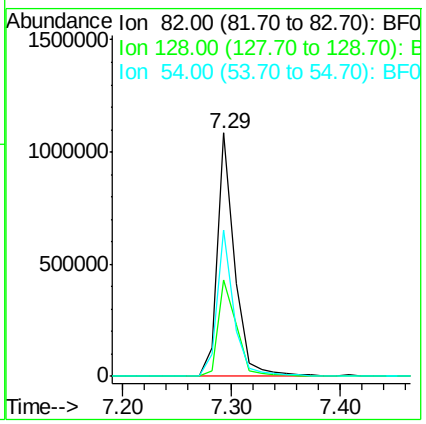


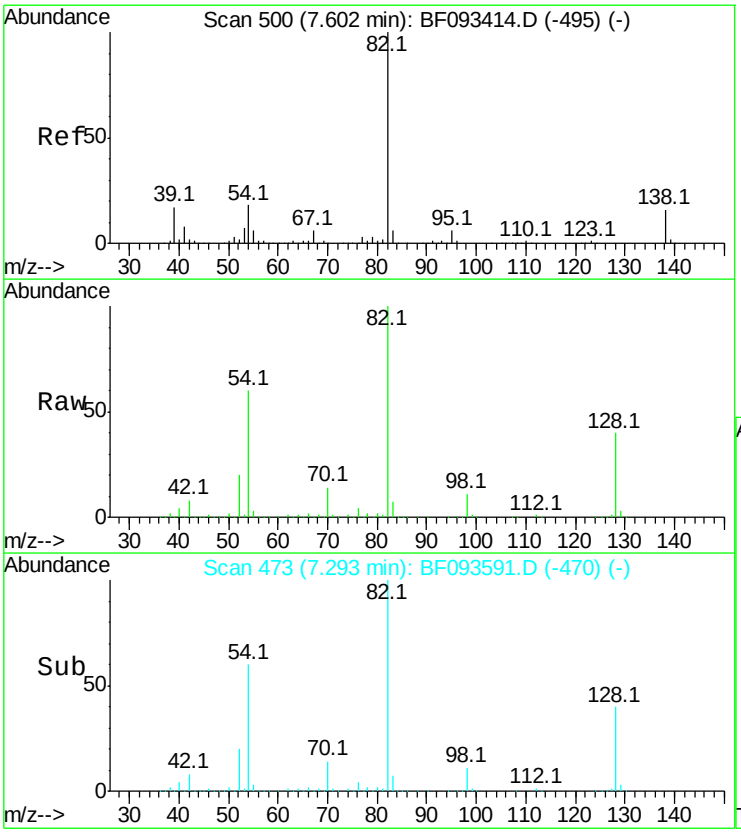
#23
Nitrobenzene-d5
Concen: 89.41 ng
RT: 7.29 min Scan# 473
Delta R.T. -0.01 min
Lab File: BF093591.D
Acq: 12 Mar 2017 5:21

Instrument :
BNA_F
ClientSampleId :
HY-SB412B

Tgt Ion: 82 Resp: 1216330

Ion	Ratio	Lower	Upper
82	100		
128	39.6	34.6	52.0
54	60.3	39.5	59.3#

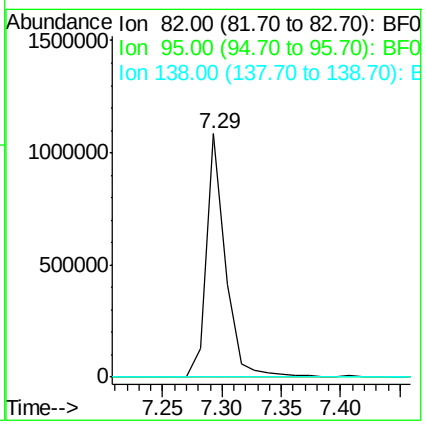


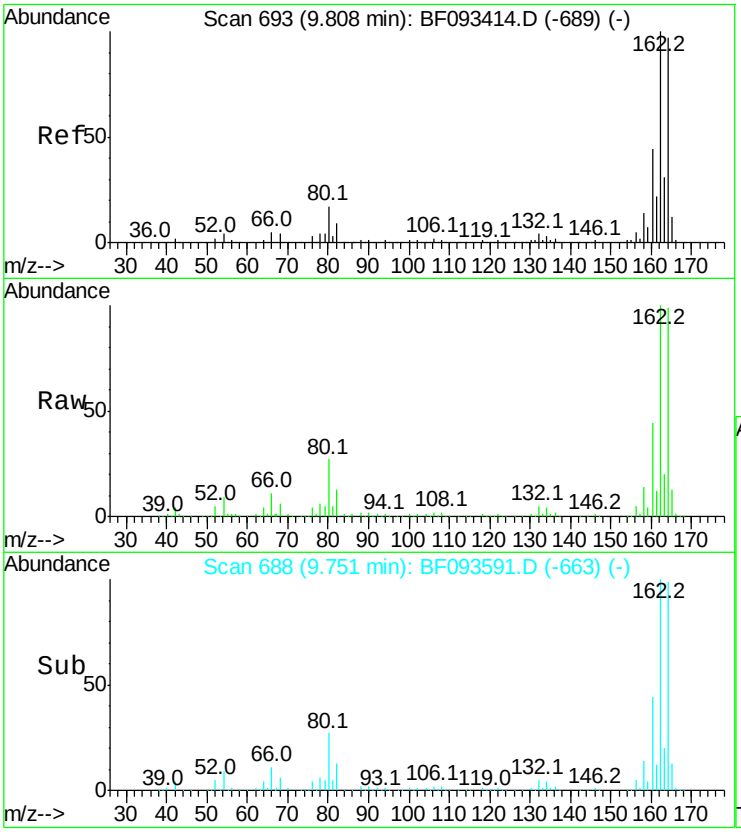


#25
Isophorone
Concen: 44.34 ng
RT: 7.29 min Scan# 473
Delta R.T. -0.26 min
Lab File: BF093591.D
Acq: 12 Mar 2017 5:21

Tgt Ion: 82 Resp: 1216451

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



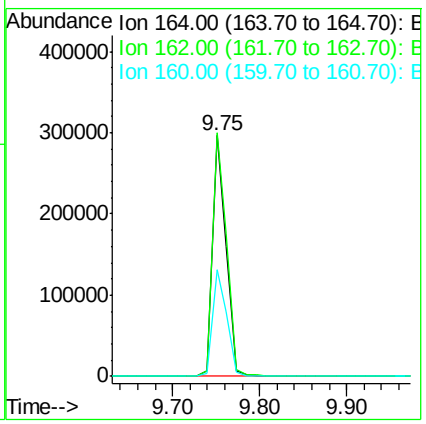


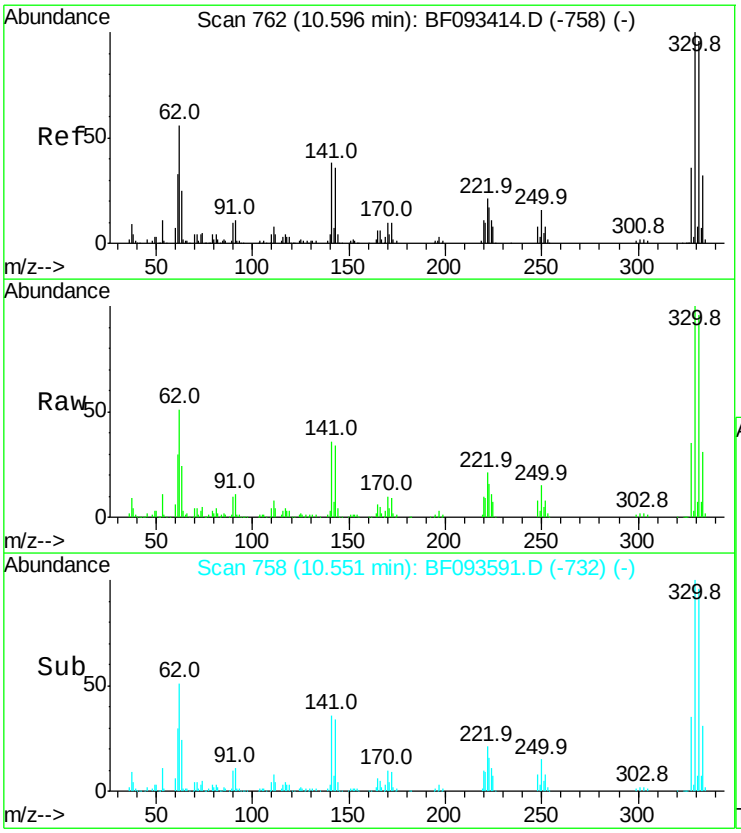
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF093591.D
Acq: 12 Mar 2017 5:21

Instrument :
BNA_F
ClientSampleId :
HY-SB412B

Tgt Ion:164 Resp: 326315

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.2	120.2
160	44.3	36.9	55.3

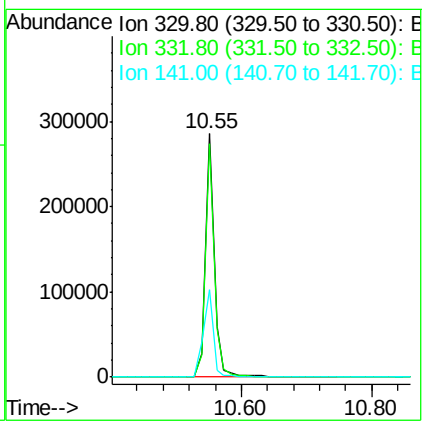


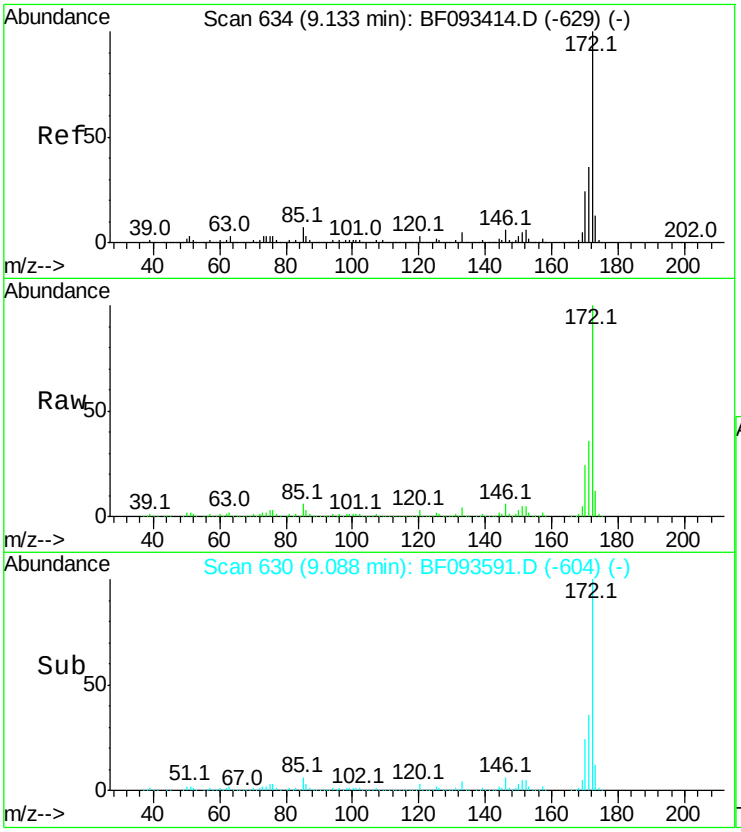


#41
2,4,6-Tribromophenol
Concen: 127.91 ng
RT: 10.55 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF093591.D
Acq: 12 Mar 2017 5:21

Tgt Ion:330 Resp: 271931

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.2
141	40.0	34.1	51.1



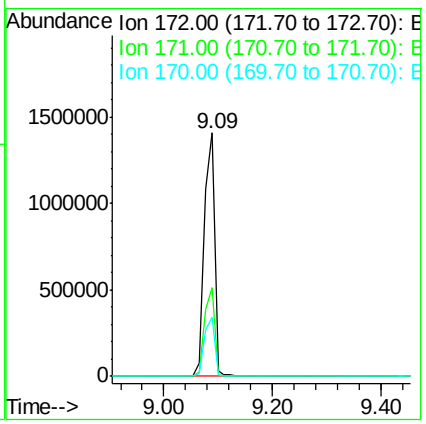


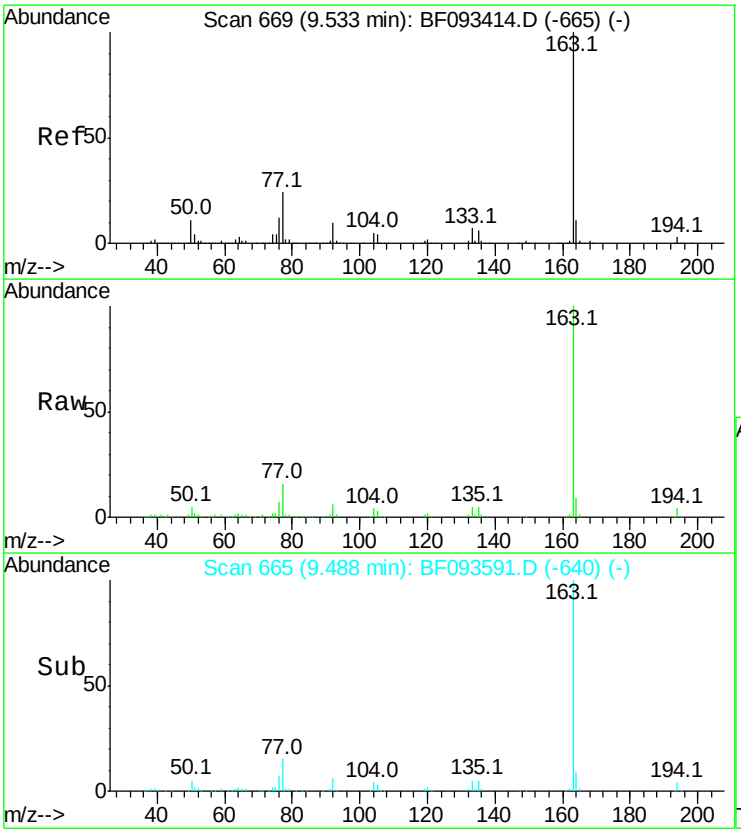
#44
2-Fluorobiphenyl
Concen: 103.83 ng
RT: 9.09 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF093591.D
Acq: 12 Mar 2017 5:21

Instrument :
BNA_F
ClientSampleId :
HY-SB412B

Tgt Ion:172 Resp: 1821593

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.3	20.2	30.4

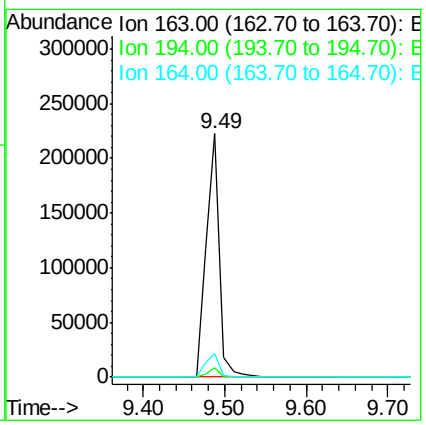


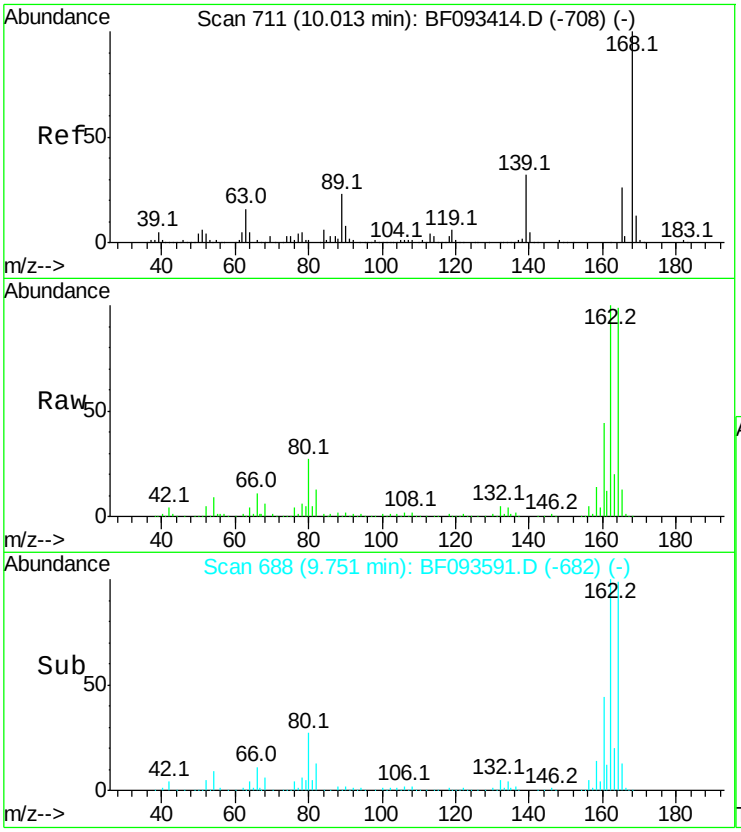


#49
Dimethylphthalate
Concen: 11.73 ng
RT: 9.49 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF093591.D
Acq: 12 Mar 2017 5:21

Tgt Ion:163 Resp: 253694

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	9.5	8.0	12.0



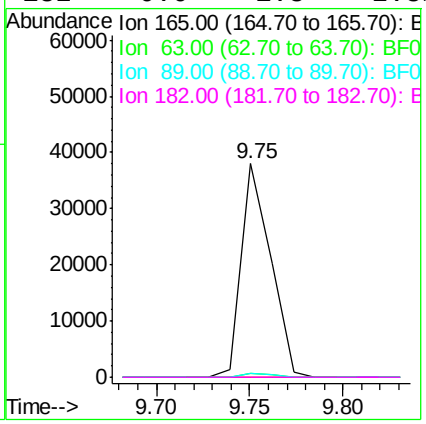


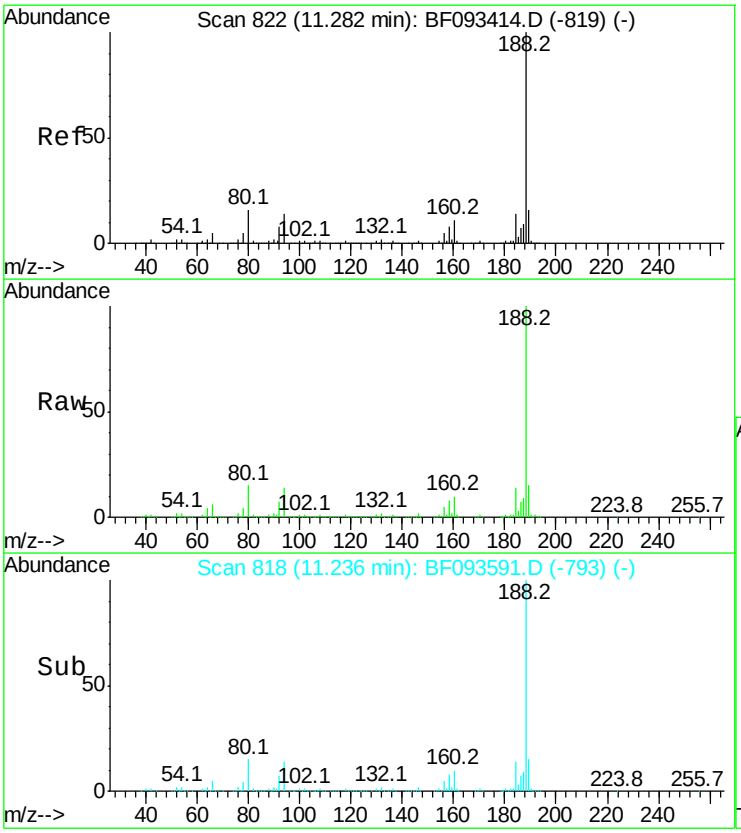
#56
2,4-Dinitrotoluene
Concen: 7.12 ng
RT: 9.75 min Scan# 688
Delta R.T. -0.23 min
Lab File: BF093591.D
Acq: 12 Mar 2017 5:21

Instrument :
BNA_F
ClientSampleId :
HY-SB412B

Tgt Ion:165 Resp: 41501

Ion	Ratio	Lower	Upper
165	100		
63	1.8	40.2	60.4#
89	1.9	62.5	93.7#
182	0.0	1.8	2.8#

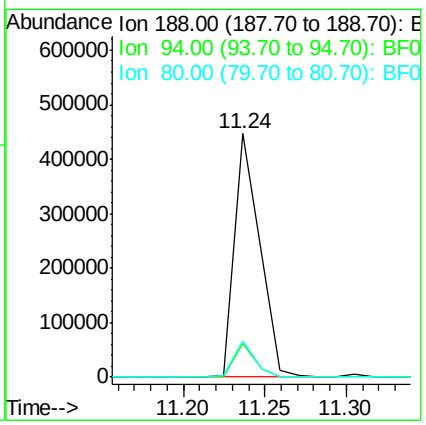


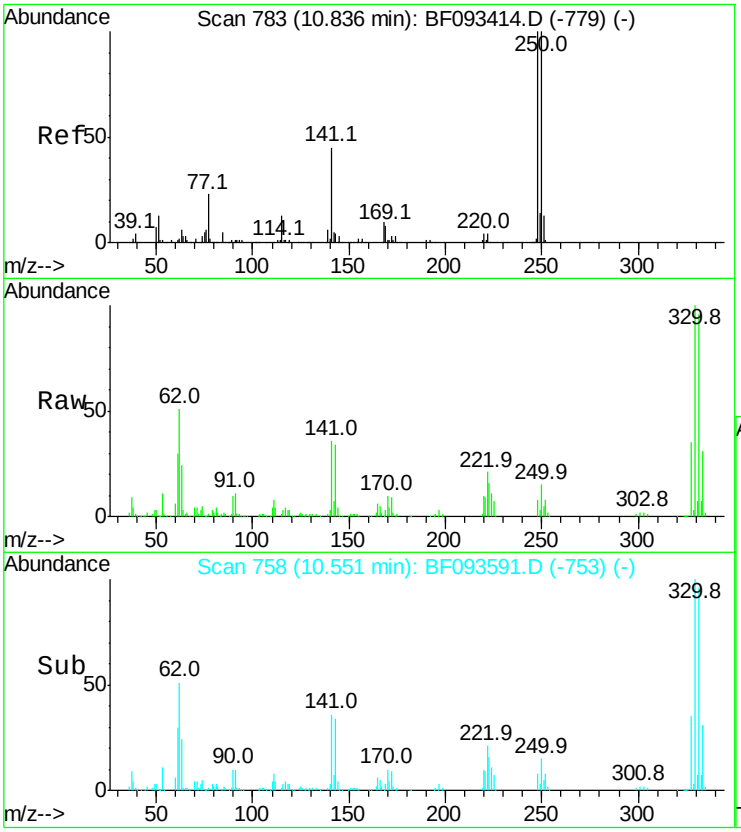


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF093591.D
Acq: 12 Mar 2017 5:21

Tgt Ion:188 Resp: 474476

Ion	Ratio	Lower	Upper
188	100		
94	14.0	10.0	15.0
80	14.9	11.2	16.8



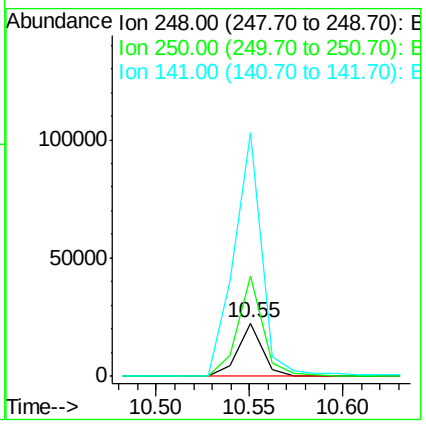


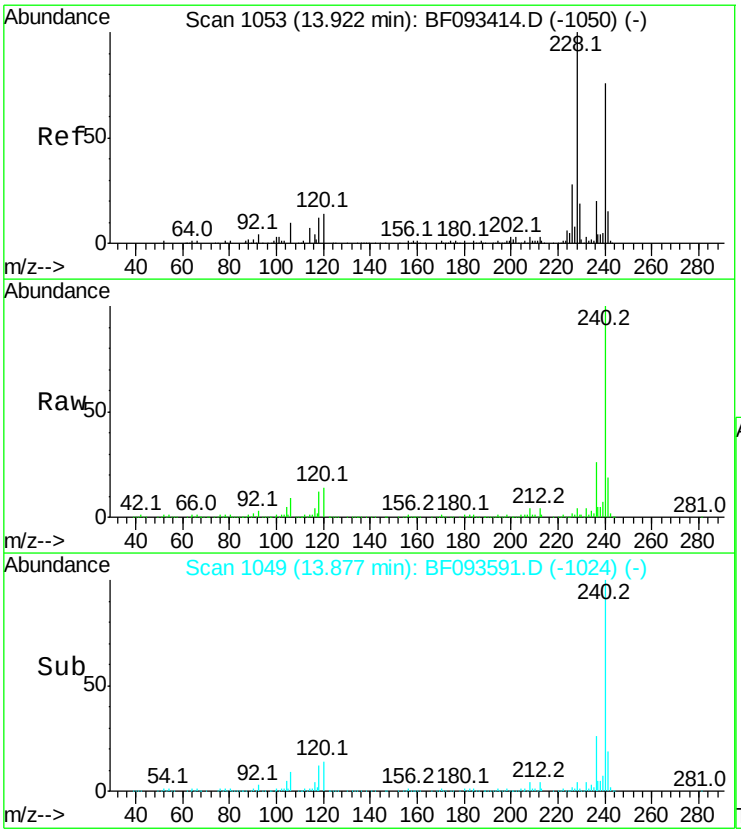
#66
4-Bromophenyl-phenylether
Concen: 4.13 ng
RT: 10.55 min Scan# 758
Delta R.T. -0.24 min
Lab File: BF093591.D
Acq: 12 Mar 2017 5:21

Instrument :
BNA_F
ClientSampleId :
HY-SB412B

Tgt Ion:248 Resp: 20729

Ion	Ratio	Lower	Upper
248	100		
250	189.6	76.9	115.3#
141	457.6	68.2	102.4#

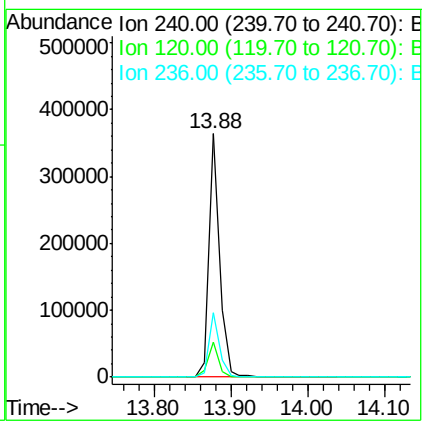


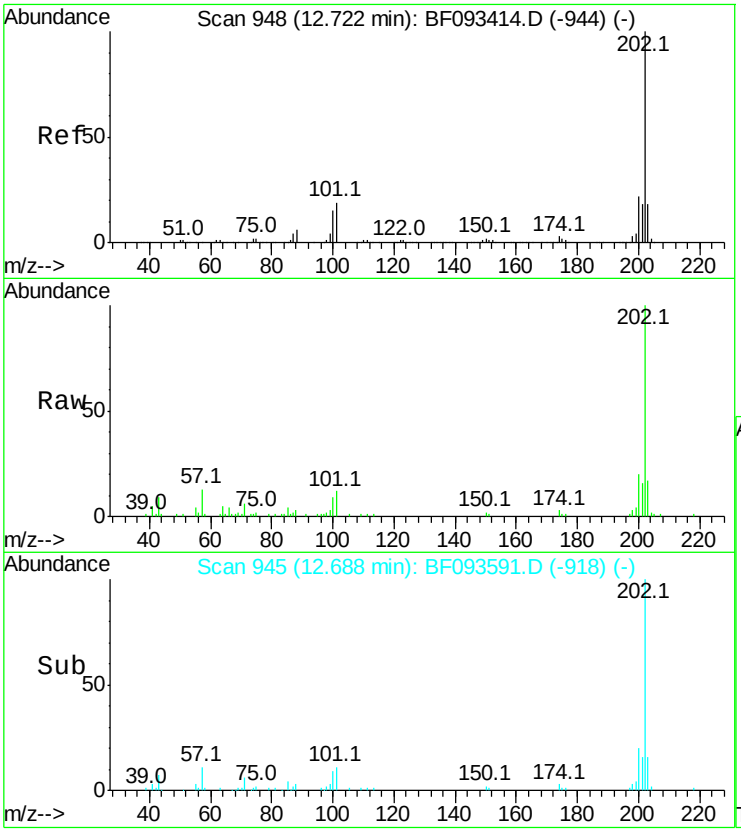


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF093591.D
Acq: 12 Mar 2017 5:21

Tgt Ion:240 Resp: 346265

Ion	Ratio	Lower	Upper
240	100		
120	14.3	12.9	19.3
236	26.3	20.9	31.3



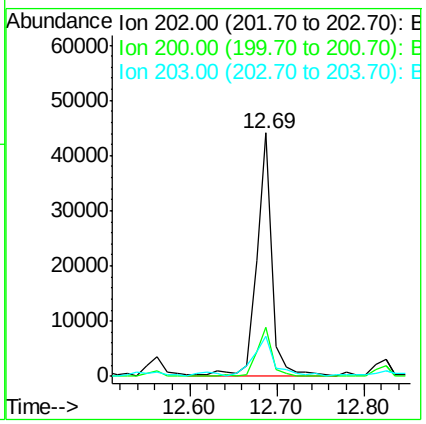


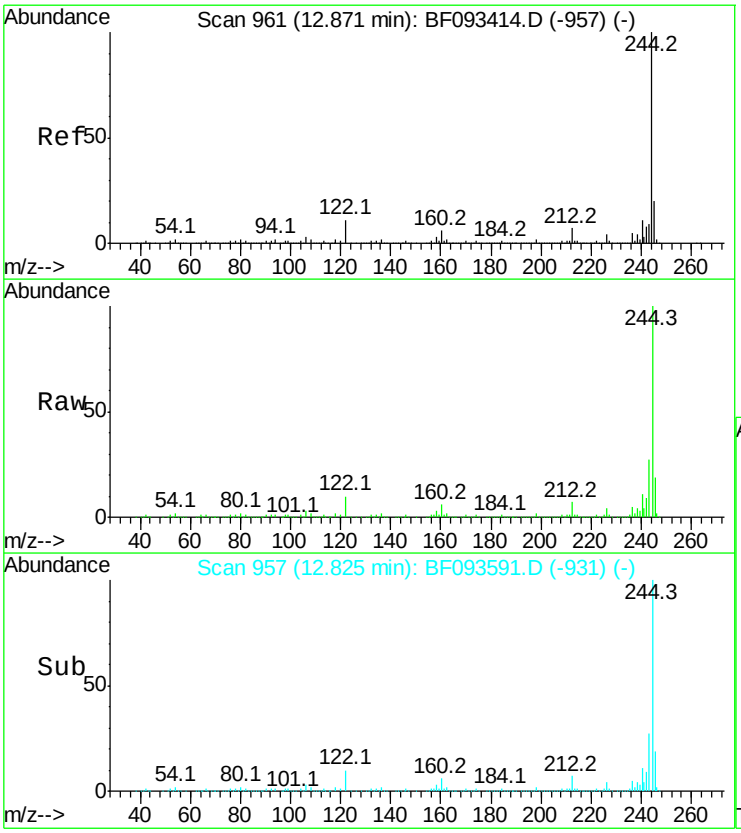
#77
Pyrene
Concen: 2.16 ng
RT: 12.69 min Scan# 945
Delta R.T. 0.01 min
Lab File: BF093591.D
Acq: 12 Mar 2017 5:21

Instrument :
BNA_F
ClientSampleId :
HY-SB412B

Tgt Ion:202 Resp: 54446

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.7	26.5
203	16.6	14.7	22.1

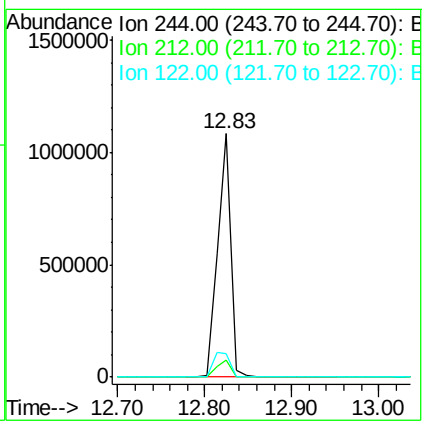


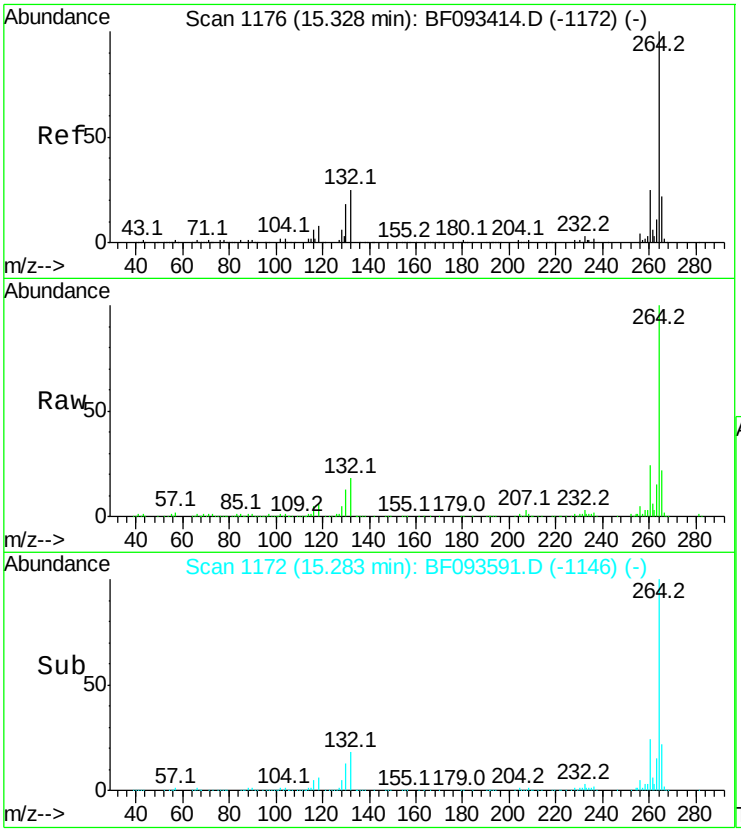


#78
Terphenyl-d14
Concen: 86.86 ng
RT: 12.83 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF093591.D
Acq: 12 Mar 2017 5:21

Tgt Ion:244 Resp: 1156861

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.2	9.2
122	9.7	11.4	17.2#



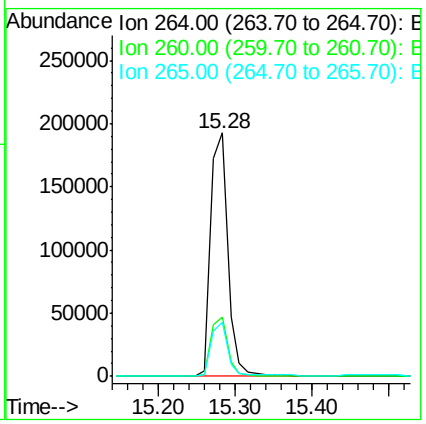


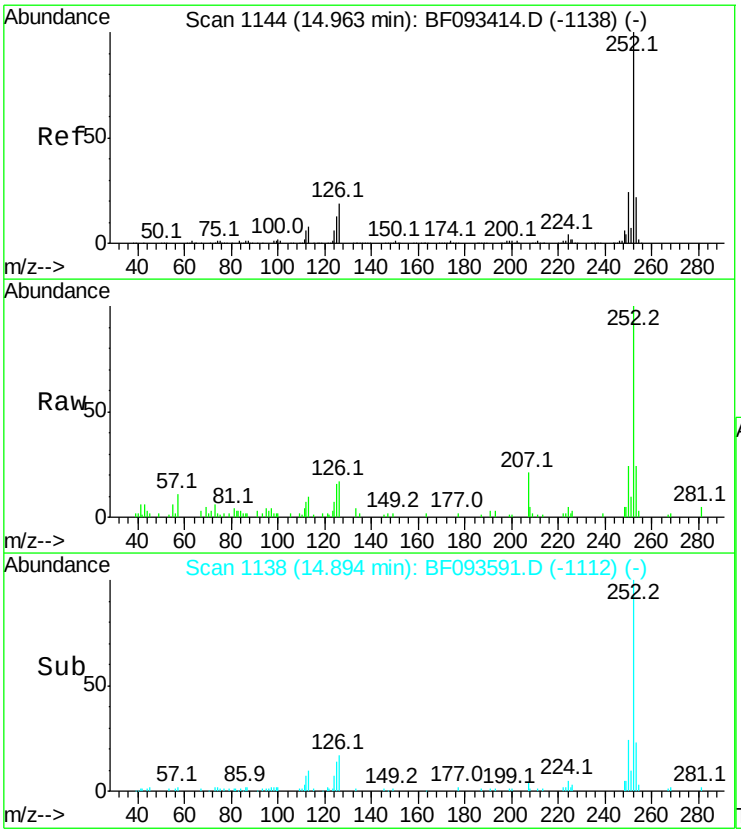
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF093591.D
Acq: 12 Mar 2017 5:21

Instrument :
BNA_F
ClientSampleId :
HY-SB412B

Tgt Ion:264 Resp: 301500

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.4	17.4	26.0

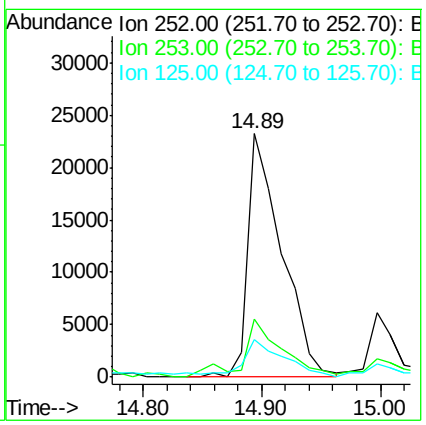


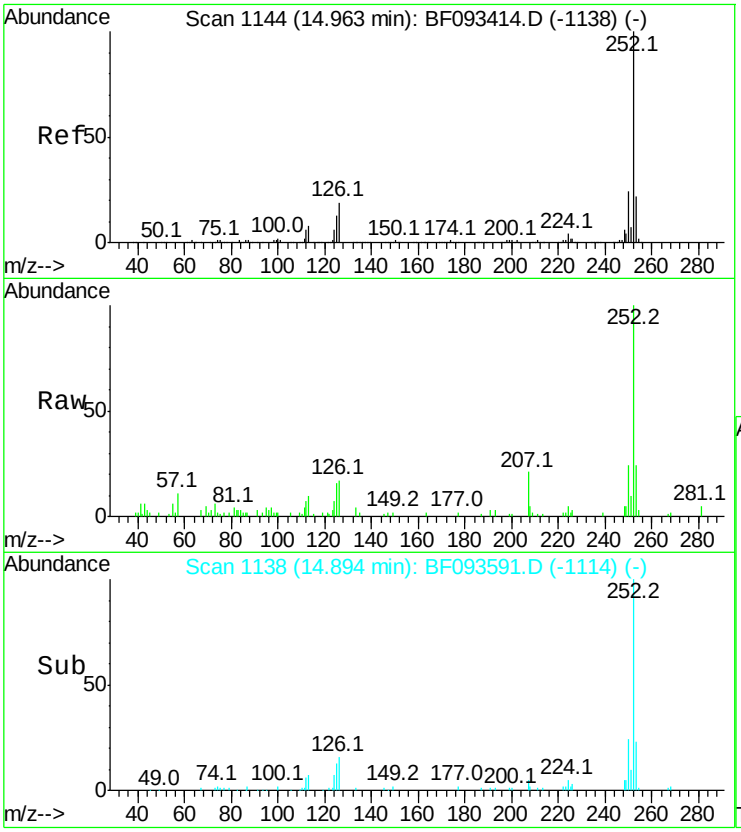


#87
Benzo(b)fluoranthene
Concen: 2.53 ng
RT: 14.89 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF093591.D
Acq: 12 Mar 2017 5:21

Tgt Ion:252 Resp: 46453

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.4
125	15.6	9.8	14.6#





#88
Benzo(k)fluoranthene
Concen: 2.62 ng
RT: 14.89 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BF093591.D
Acq: 12 Mar 2017 5:21

Instrument :
BNA_F
ClientSampleId :
HY-SB412B

Tgt Ion:252 Resp: 46453

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.5	27.7
125	15.6	8.9	13.3#