Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
Data File : BF093479.D
Acq On : 9 Mar 2017 15:49
Operator : SJ/MA
Sample : I2133-05
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 09 16:12:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 15:55:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	185401	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	696776	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	315710	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	480183	20.00	ng		0.01
75) Chrysene-d12	13.93	240	389502	20.00	ng		0.01
86) Perylene-d12	15.35	264	295870	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	431155	38.70	ng		0.01
7) Phenol-d6	6.42	99	380541	27.09	ng		0.01
23) Nitrobenzene-d5	7.34	82	1195541	95.20	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	156978	76.32	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	1799167	106.00	ng		0.00
78) Terphenyl-d14	12.87	244	1053294	70.31	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.37	77	2007	Below Cal		#	73
18) Hexachloroethane	7.33	117	127302	25.81	ng	#	2
25) Isophorone	7.34	82	931667	36.79	ng	#	65
49) Dimethylphthalate	9.53	163	109691	5.24	ng		100
51) Acenaphthene	9.84	154	44378	2.58	ng	#	82
57) Fluorene	10.36	166	52994	2.91	ng	#	94
59) Diethylphthalate	10.22	149	69822	3.49	ng		97
66) 4-Bromophenyl-phenylether	10.60	248	11721	2.31	ng	#	1
70) Phenanthrene	11.32	178	60368	2.20	ng		97
71) Anthracene	11.32	178	60368	2.18	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
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Acq On : 9 Mar 2017 15:49
Operator : SJ/MA
Sample : I2133-05
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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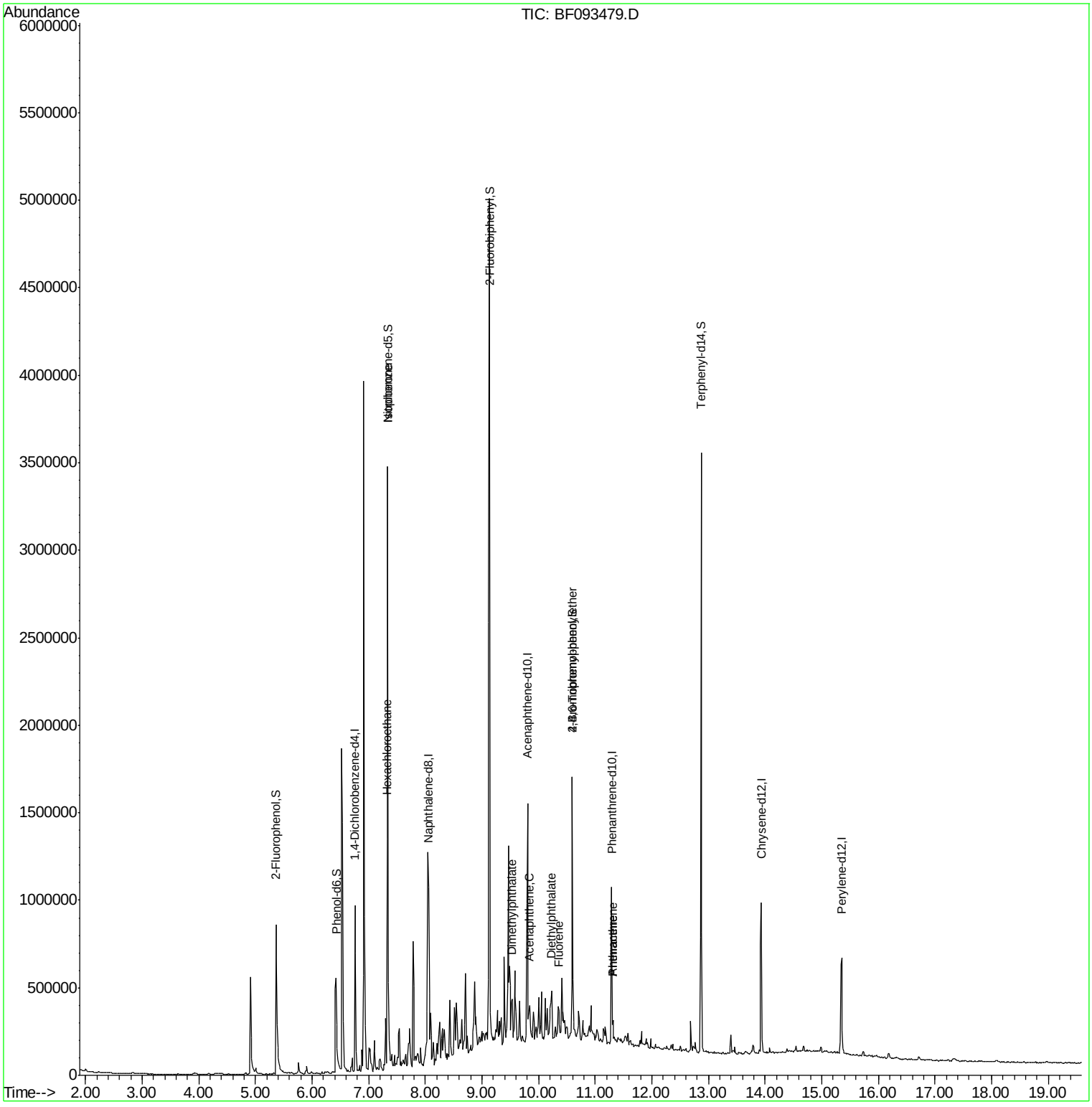
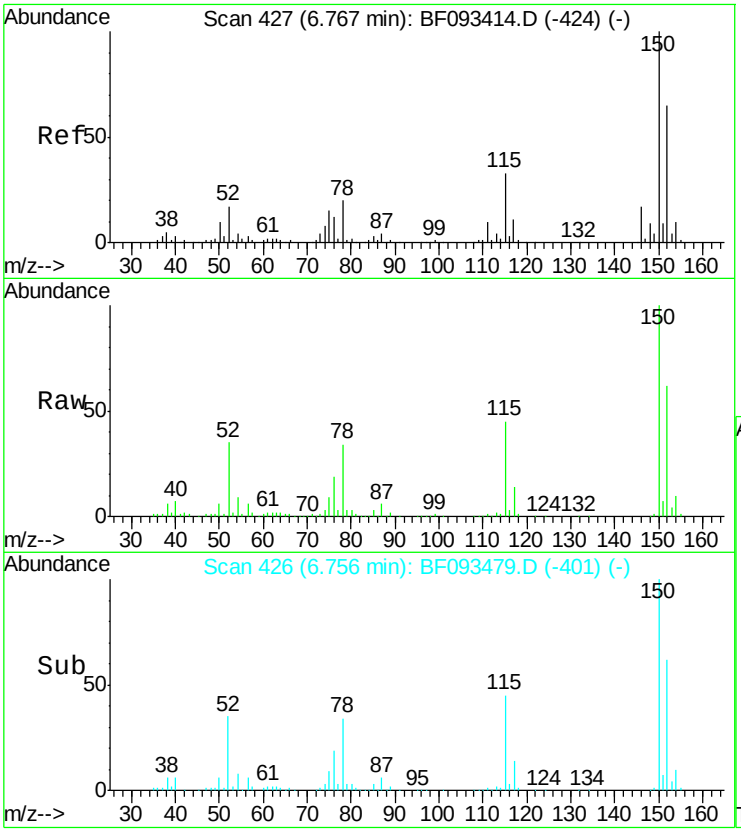


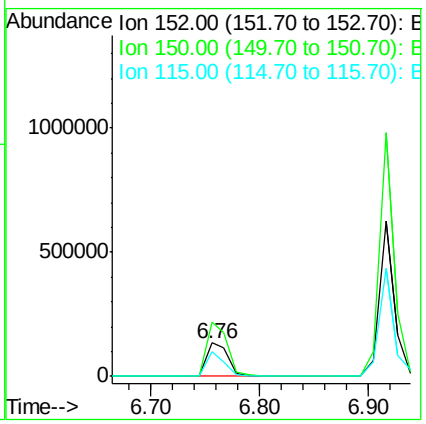


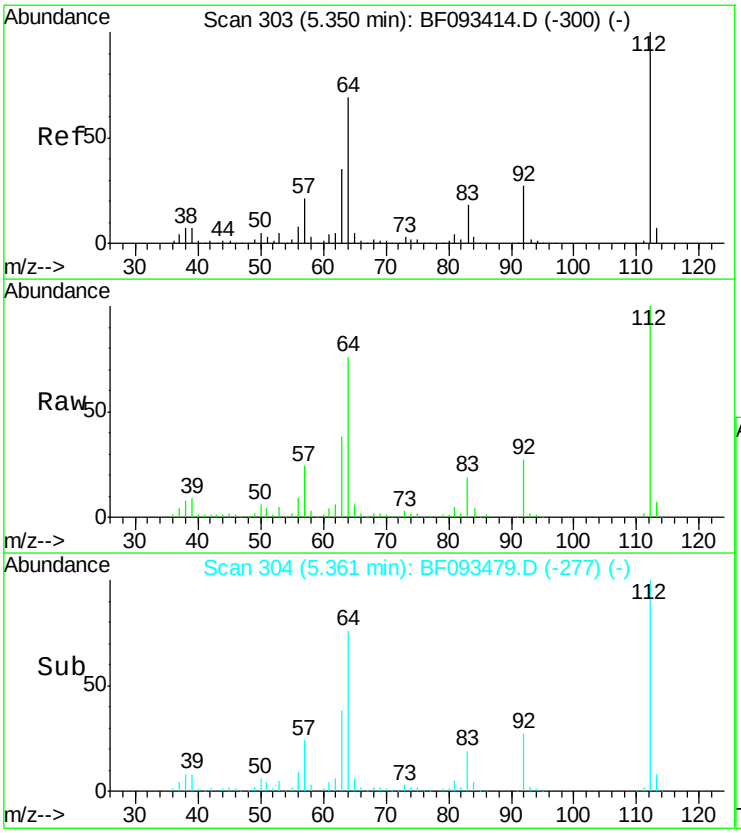
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF093479.D
Acq: 9 Mar 2017 15:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 185401

Ion	Ratio	Lower	Upper
152	100		
150	161.3	124.9	187.3
115	72.6	46.0	69.0#

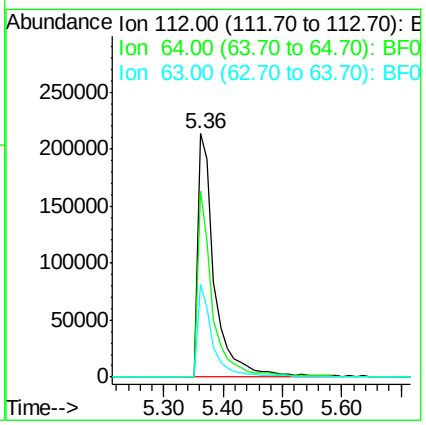


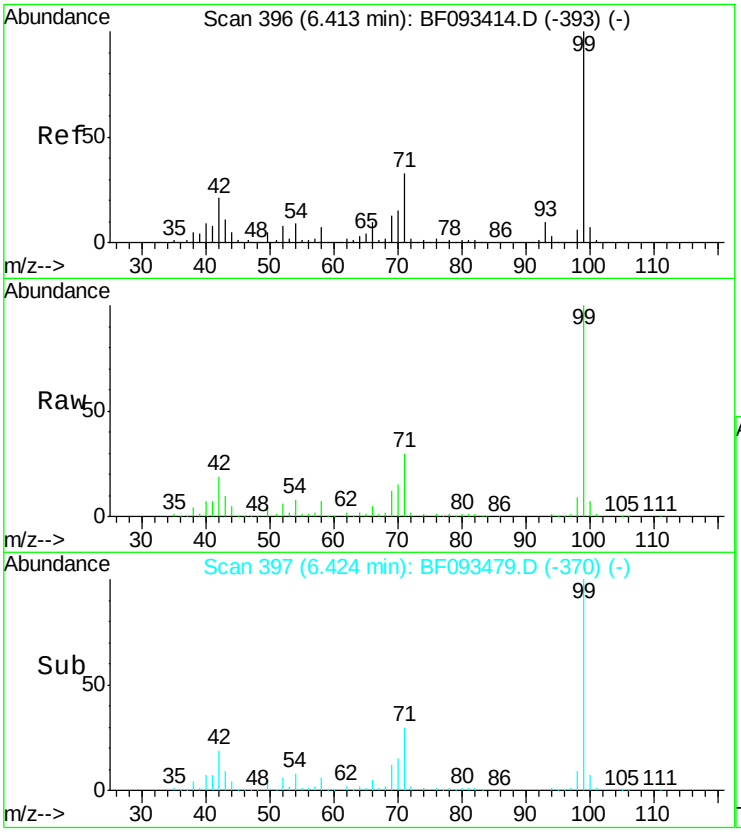


#5
2-Fluorophenol
Concen: 38.70 ng
RT: 5.36 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF093479.D
Acq: 9 Mar 2017 15:49

Tgt Ion:112 Resp: 431155

Ion	Ratio	Lower	Upper
112	100		
64	76.2	46.1	69.1#
63	38.1	23.8	35.6#



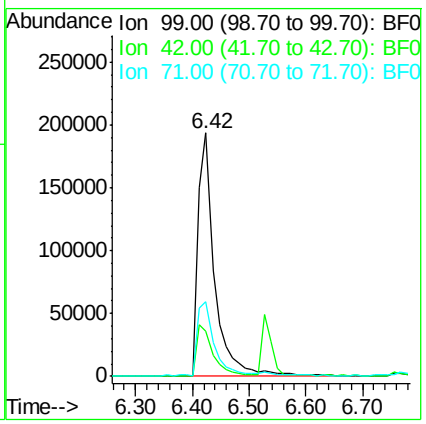


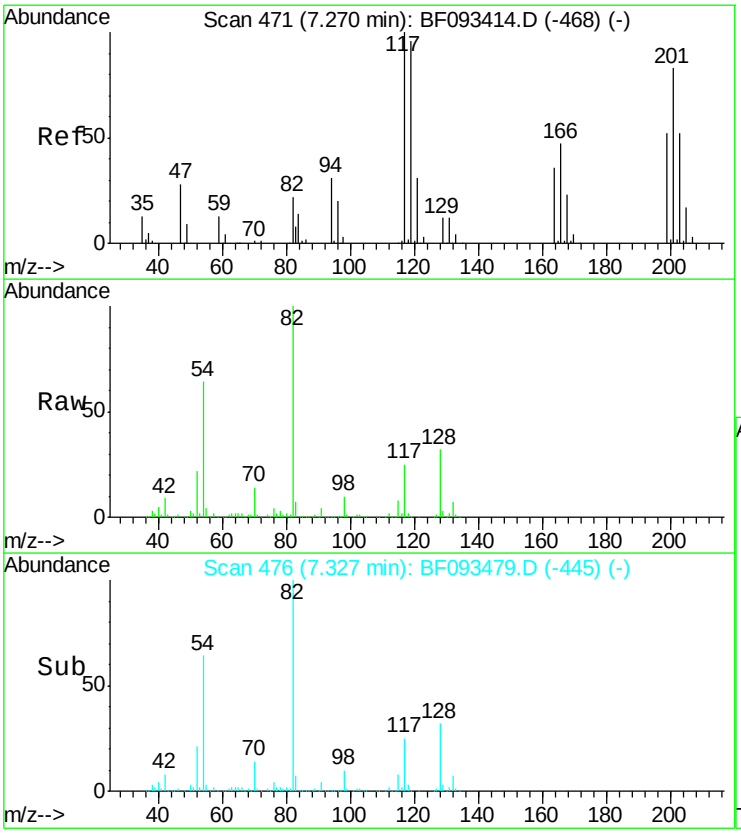
#7
Phenol-d6
Concen: 27.09 ng
RT: 6.42 min Scan# 397
Delta R.T. 0.01 min
Lab File: BF093479.D
Acq: 9 Mar 2017 15:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 380541

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.6	23.4
71	30.4	27.5	41.3

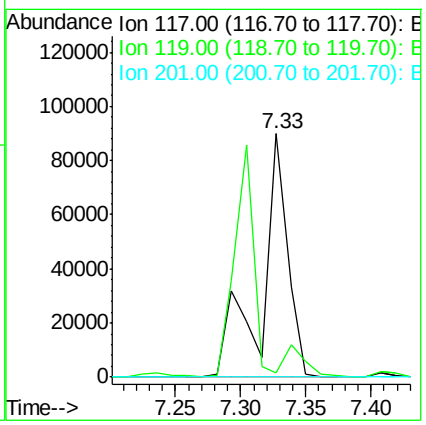


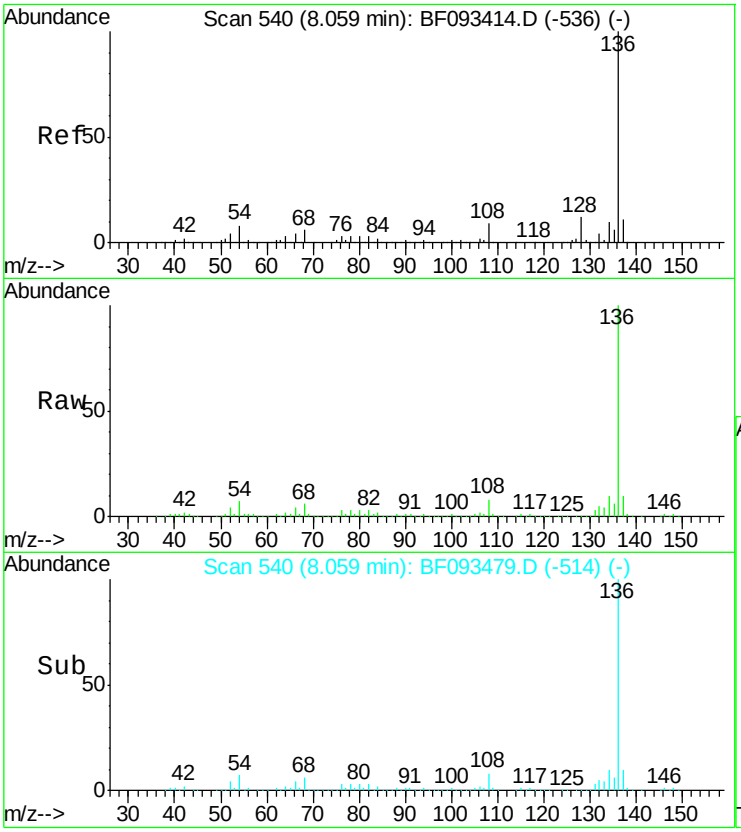


#18
Hexachloroethane
Concen: 25.81 ng
RT: 7.33 min Scan# 476
Delta R.T. 0.06 min
Lab File: BF093479.D
Acq: 9 Mar 2017 15:49

Tgt Ion:117 Resp: 127302

Ion	Ratio	Lower	Upper
117	100		
119	1.6	78.1	117.1#
201	0.0	78.6	117.8#



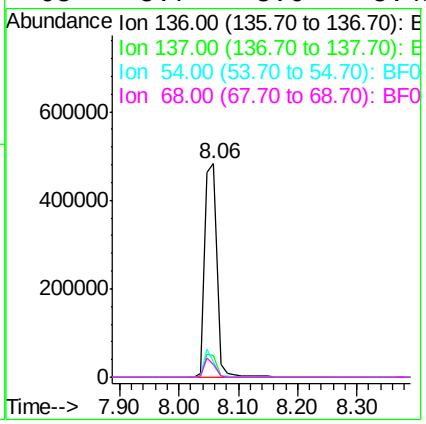


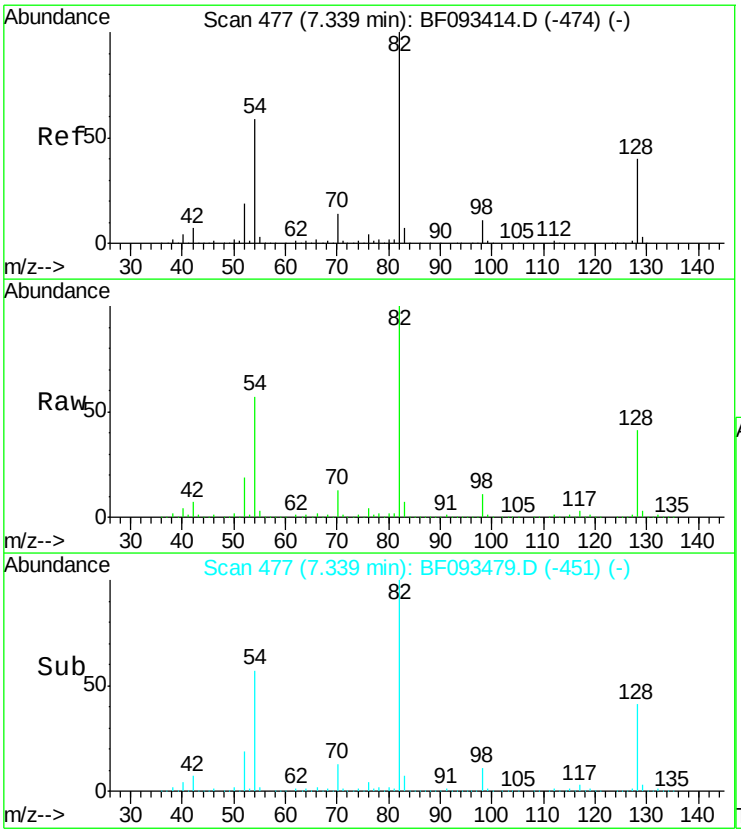
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF093479.D
Acq: 9 Mar 2017 15:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 696776

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.4	12.6
54	7.4	4.5	6.7#
68	5.7	3.6	5.4#

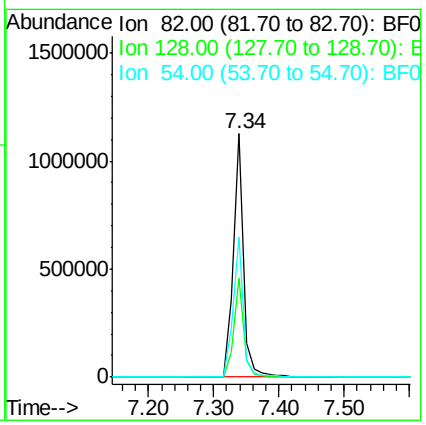


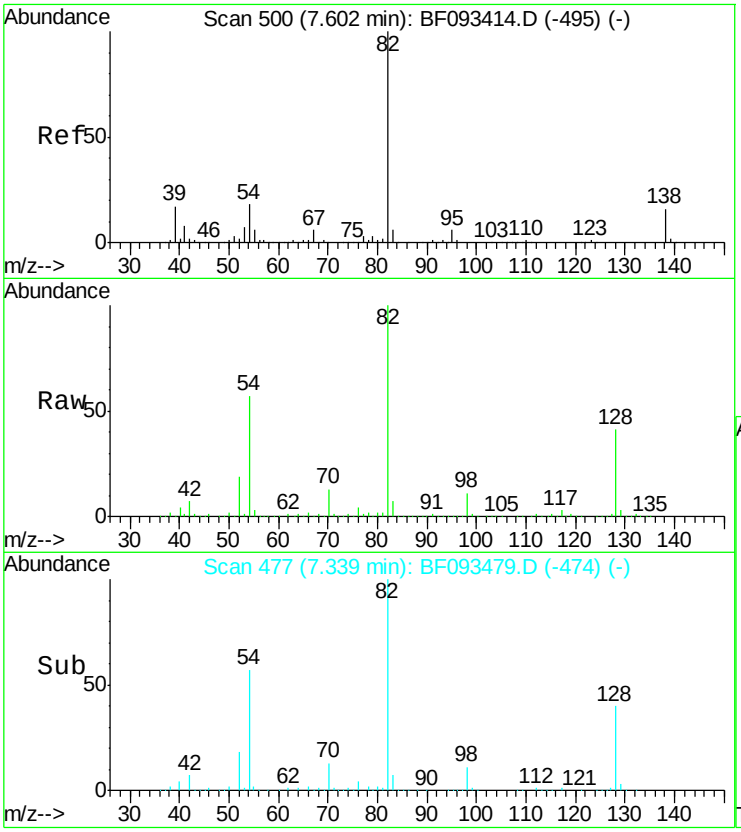


#23
Nitrobenzene-d5
Concen: 95.20 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF093479.D
Acq: 9 Mar 2017 15:49

Tgt Ion: 82 Resp: 1195541

Ion	Ratio	Lower	Upper
82	100		
128	40.6	34.6	52.0
54	57.4	39.5	59.3



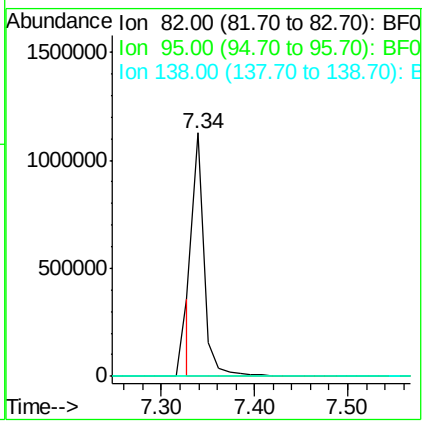


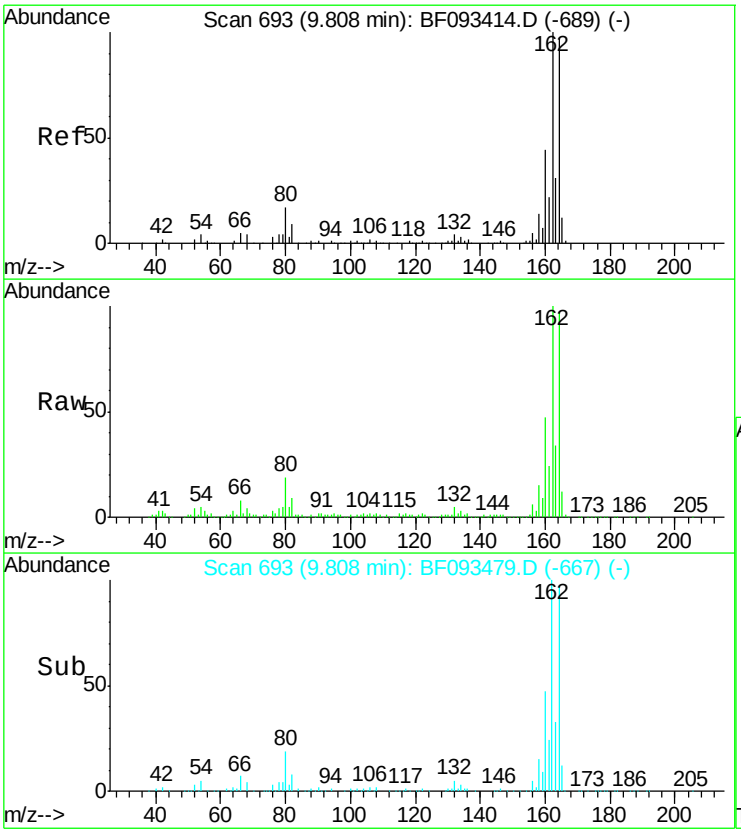
#25
Isophorone
Concen: 36.79 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.26 min
Lab File: BF093479.D
Acq: 9 Mar 2017 15:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 931667

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.6	8.4#
138	0.0	14.6	22.0#

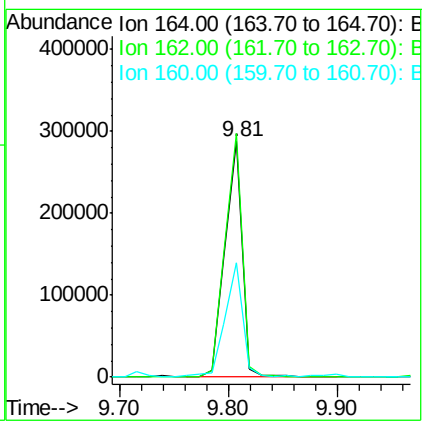


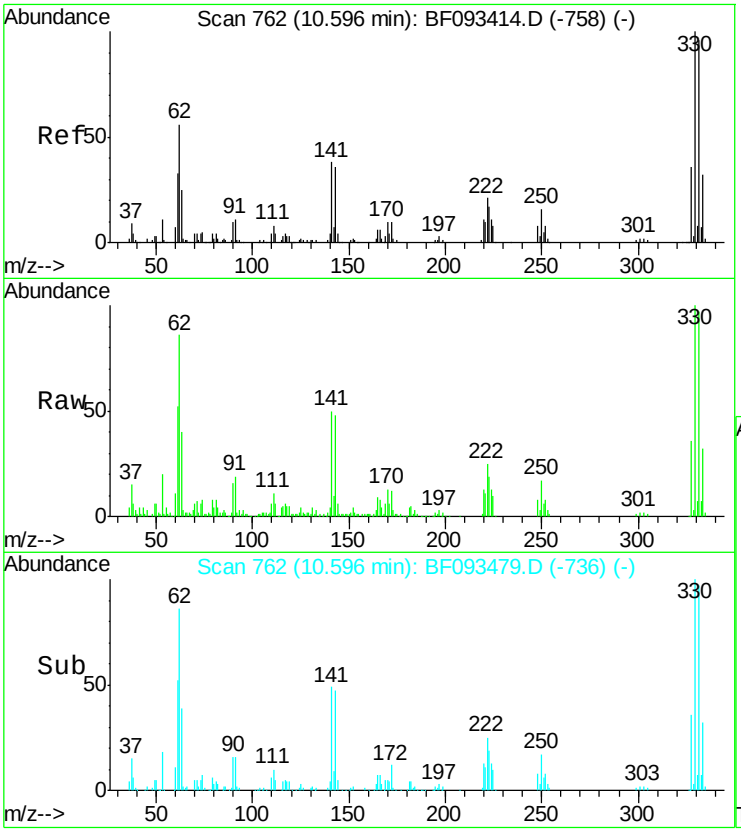


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF093479.D
Acq: 9 Mar 2017 15:49

Tgt Ion:164 Resp: 315710

Ion	Ratio	Lower	Upper
164	100		
162	103.3	80.2	120.2
160	48.4	36.9	55.3



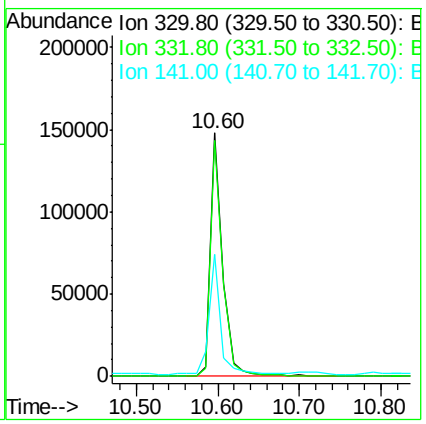


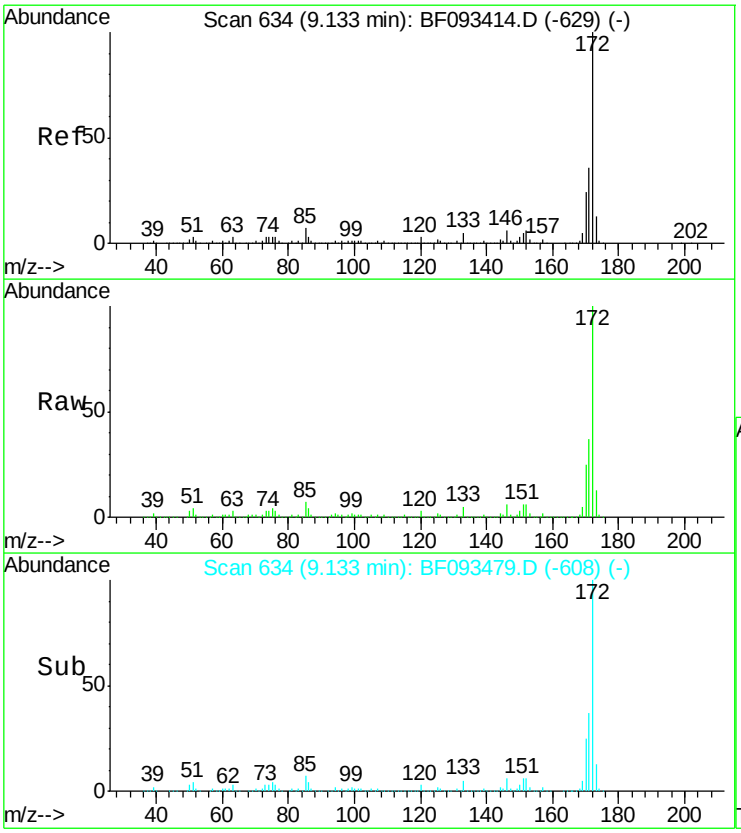
#41
2,4,6-Tribromophenol
Concen: 76.32 ng
RT: 10.60 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF093479.D
Acq: 9 Mar 2017 15:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 156978

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.2
141	45.9	34.1	51.1

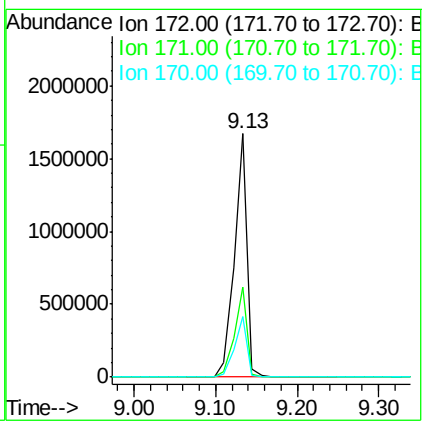


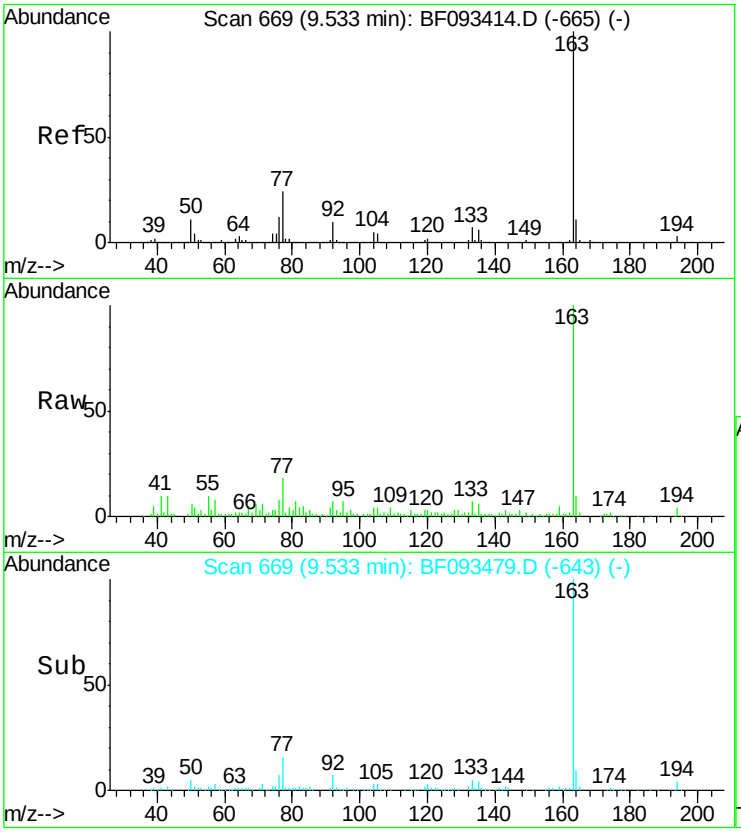


#44
2-Fluorobiphenyl
Concen: 106.00 ng
RT: 9.13 min Scan# 634
Delta R.T. -0.00 min
Lab File: BF093479.D
Acq: 9 Mar 2017 15:49

Tgt Ion:172 Resp: 1799167

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	24.8	20.2	30.4



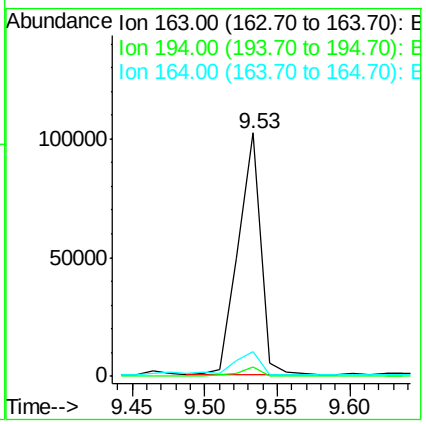


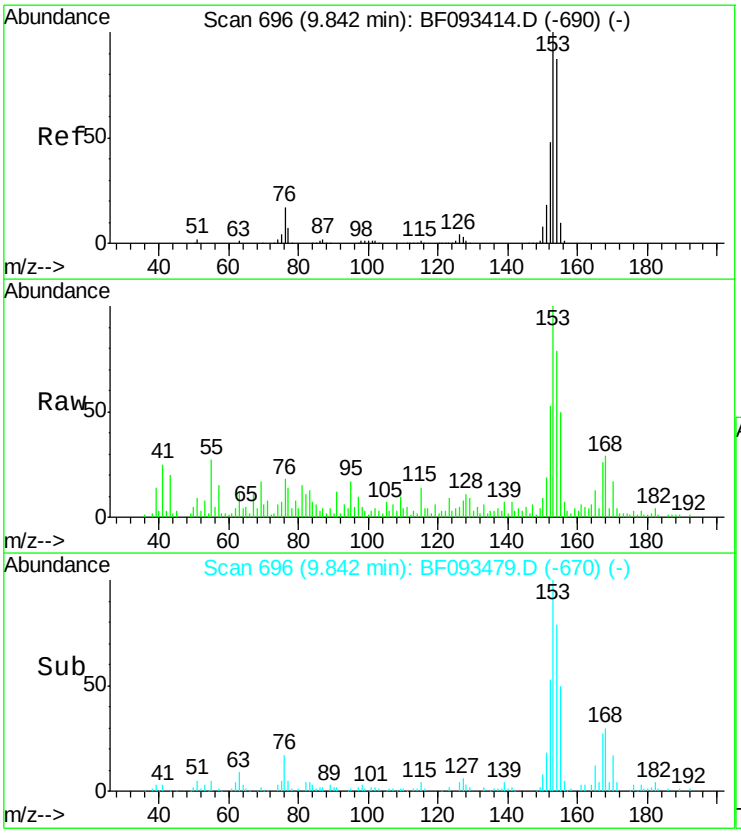
#49
Dimethylphthalate
Concen: 5.24 ng
RT: 9.53 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF093479.D
Acq: 9 Mar 2017 15:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 109691

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	10.2	8.0	12.0

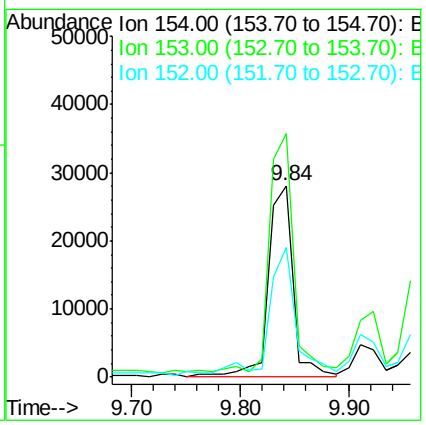


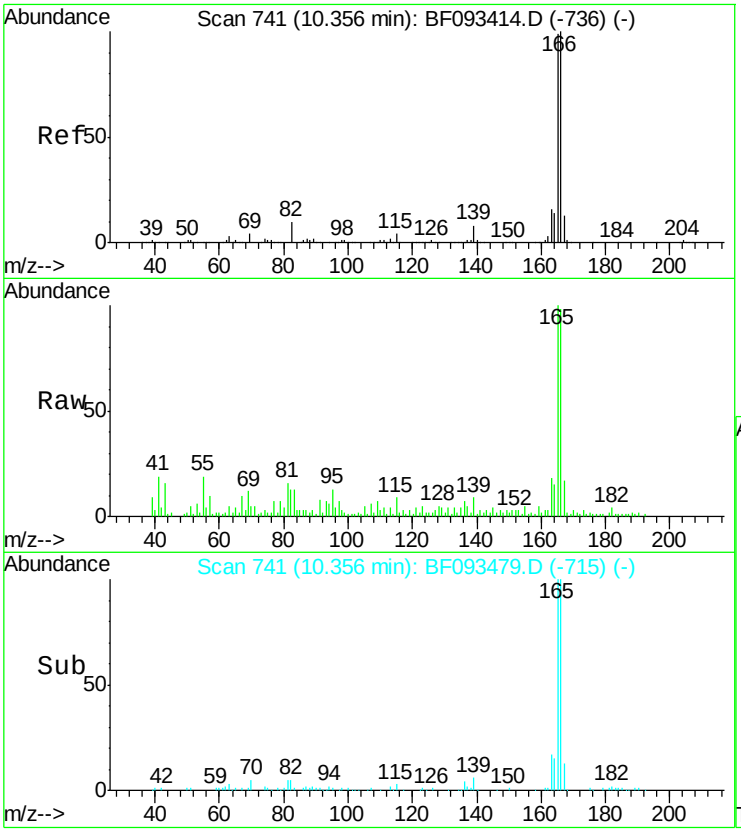


#51
Acenaphthene
Concen: 2.58 ng
RT: 9.84 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF093479.D
Acq: 9 Mar 2017 15:49

Tgt Ion:154 Resp: 44378

Ion	Ratio	Lower	Upper
154	100		
153	127.1	88.6	133.0
152	67.6	41.6	62.4#



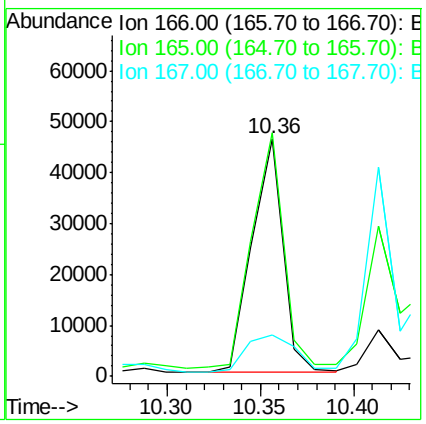


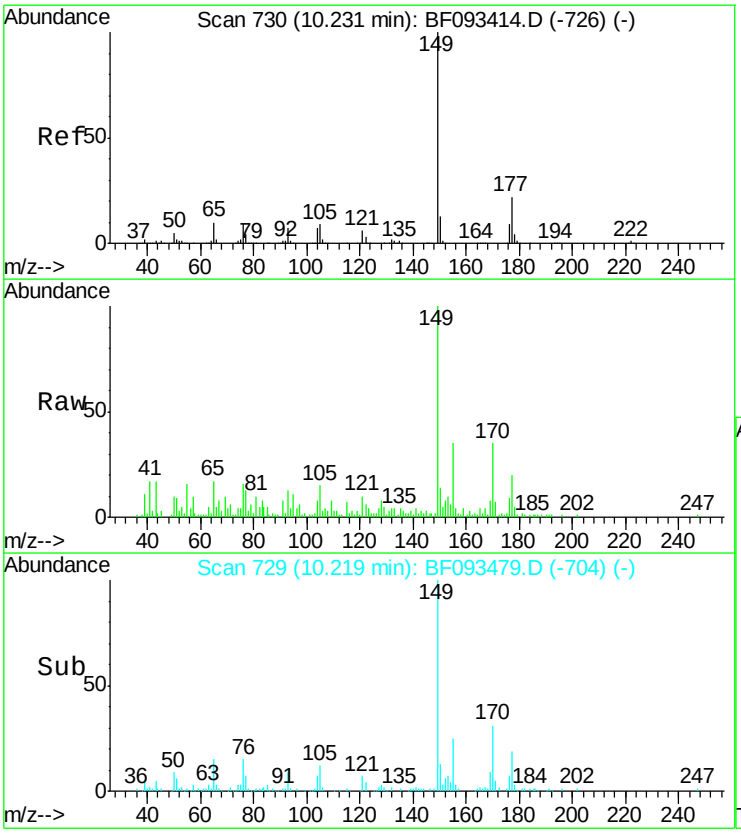
#57
Fluorene
Concen: 2.91 ng
RT: 10.36 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF093479.D
Acq: 9 Mar 2017 15:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 52994

Ion	Ratio	Lower	Upper
166	100		
165	102.5	77.8	116.8
167	17.2	10.8	16.2#

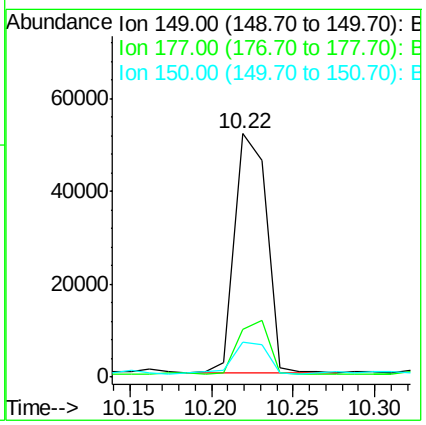


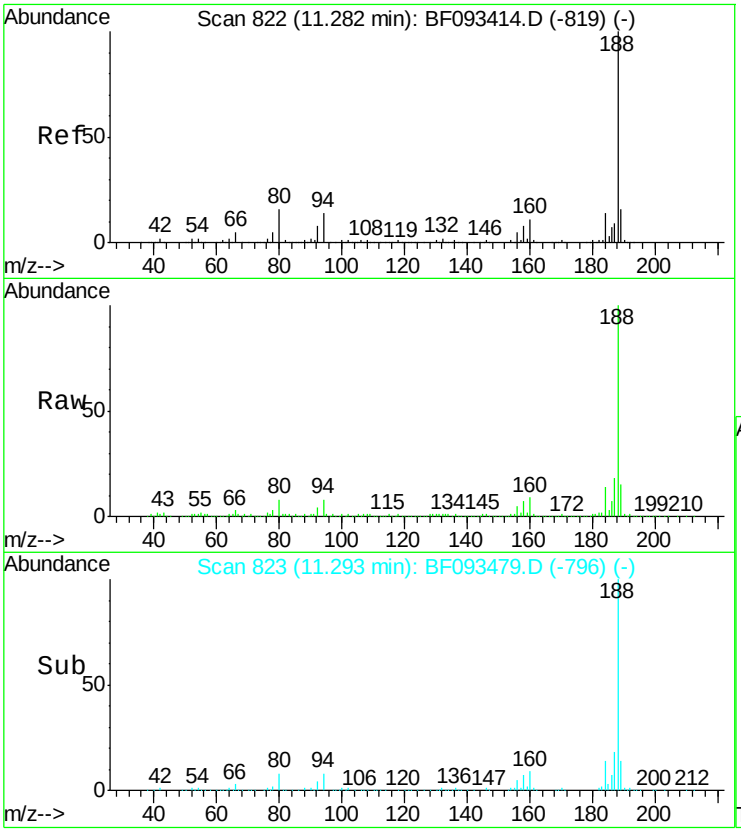


#59
Diethylphthalate
Concen: 3.49 ng
RT: 10.22 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF093479.D
Acq: 9 Mar 2017 15:49

Tgt Ion:149 Resp: 69822

Ion	Ratio	Lower	Upper
149	100		
177	19.7	16.6	25.0
150	14.4	10.4	15.6



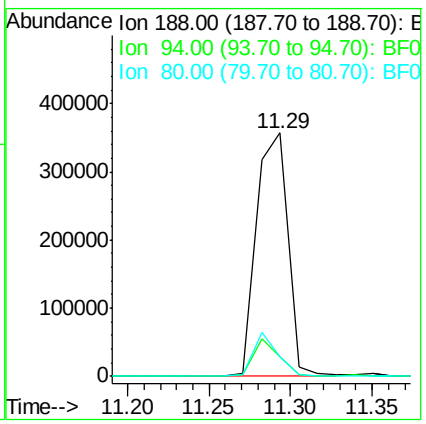


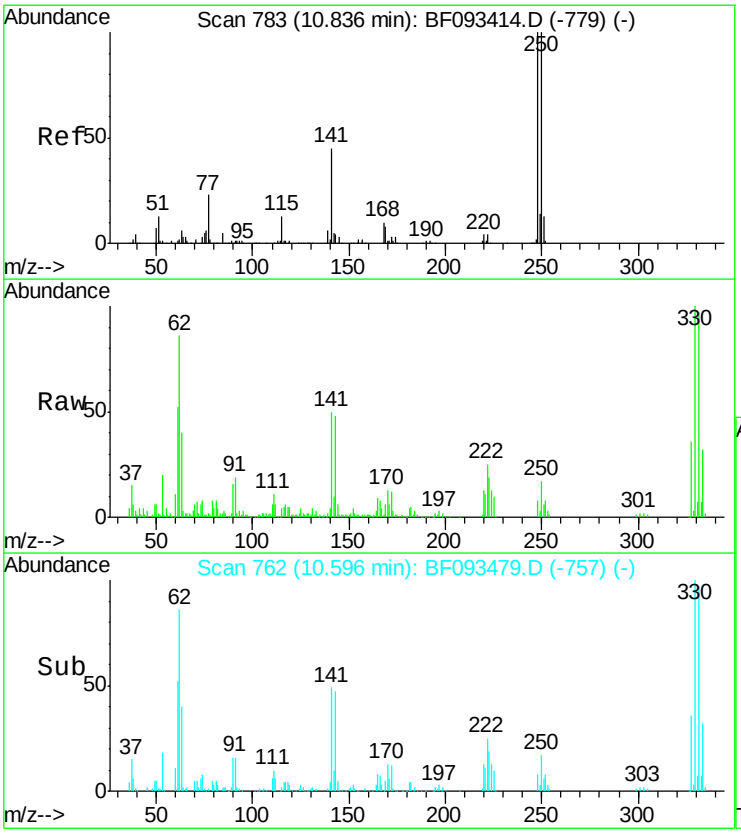
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF093479.D
Acq: 9 Mar 2017 15:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 480183

Ion	Ratio	Lower	Upper
188	100		
94	7.9	10.0	15.0#
80	8.2	11.2	16.8#

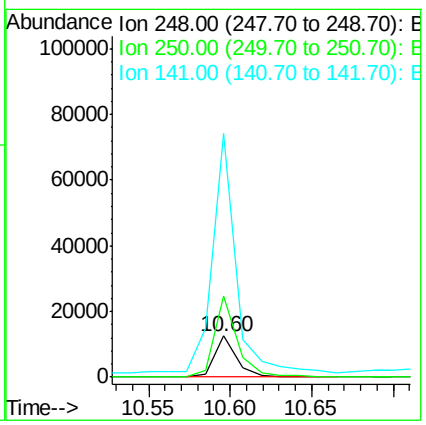


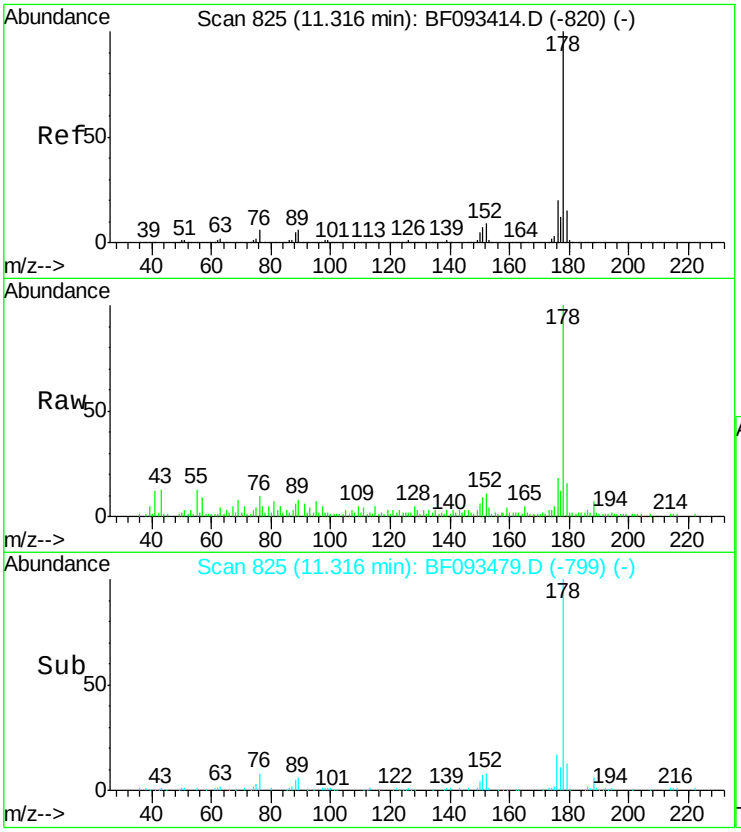


#66
4-Bromophenyl-phenylether
Concen: 2.31 ng
RT: 10.60 min Scan# 762
Delta R.T. -0.24 min
Lab File: BF093479.D
Acq: 9 Mar 2017 15:49

Tgt Ion:248 Resp: 11721

Ion	Ratio	Lower	Upper
248	100		
250	198.0	76.9	115.3#
141	593.2	68.2	102.4#



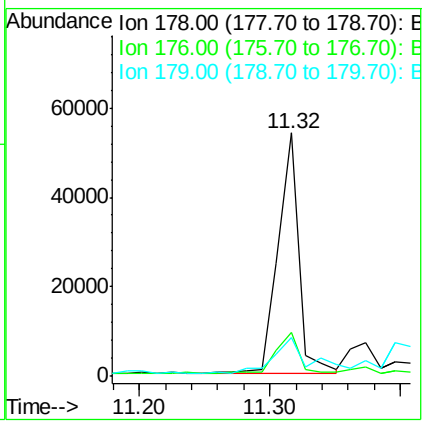


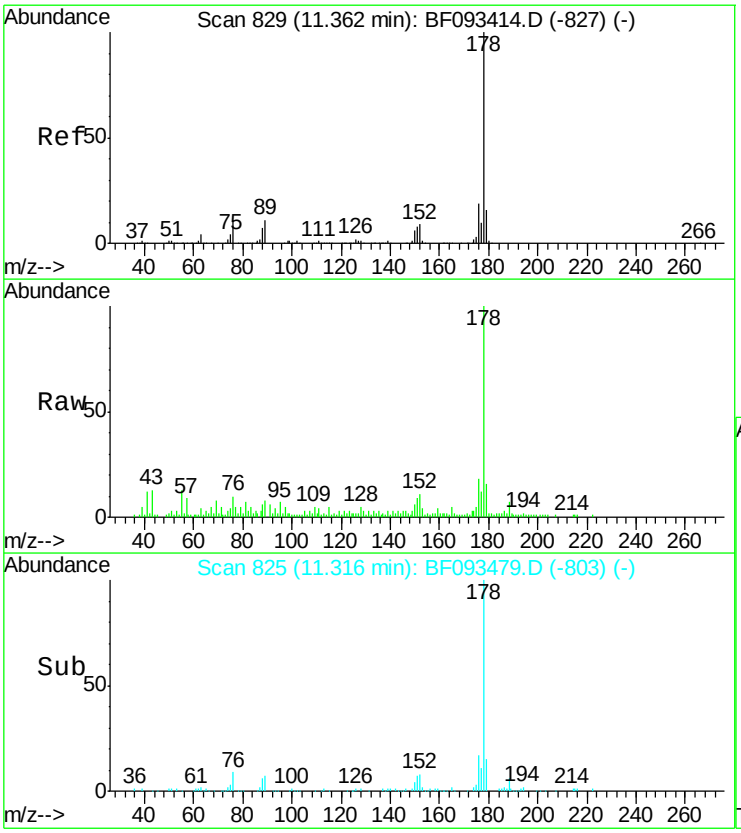
#70
Phenanthrene
Concen: 2.20 ng
RT: 11.32 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF093479.D
Acq: 9 Mar 2017 15:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 60368

Ion	Ratio	Lower	Upper
178	100		
176	18.3	16.6	25.0
179	16.1	12.8	19.2

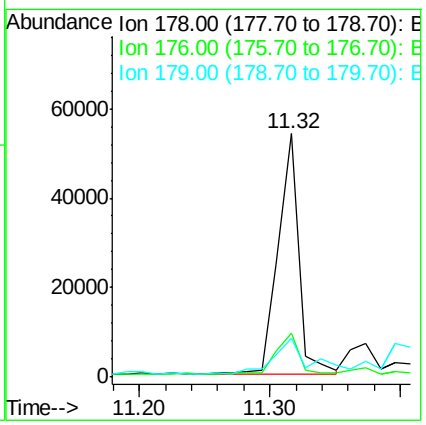


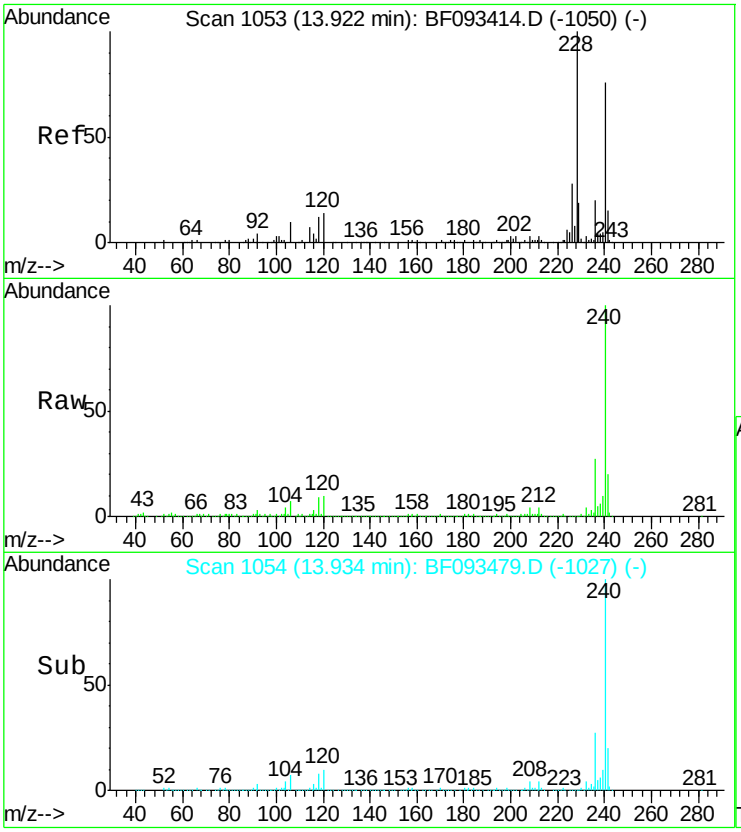


#71
Anthracene
Concen: 2.18 ng
RT: 11.32 min Scan# 825
Delta R.T. -0.05 min
Lab File: BF093479.D
Acq: 9 Mar 2017 15:49

Tgt Ion:178 Resp: 60368

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.9	23.9
179	16.1	13.2	19.8



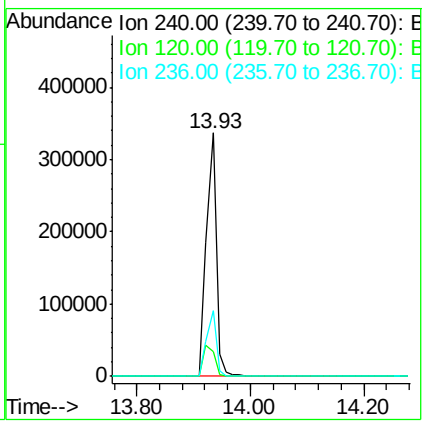


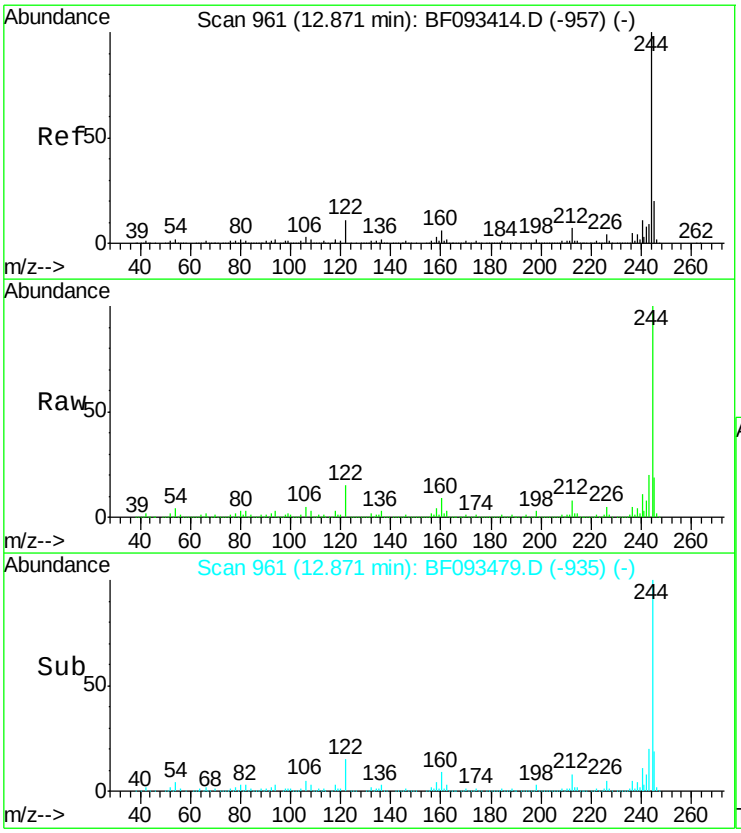
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1054
Delta R.T. 0.01 min
Lab File: BF093479.D
Acq: 9 Mar 2017 15:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 389502

Ion	Ratio	Lower	Upper
240	100		
120	10.0	12.9	19.3#
236	26.8	20.9	31.3

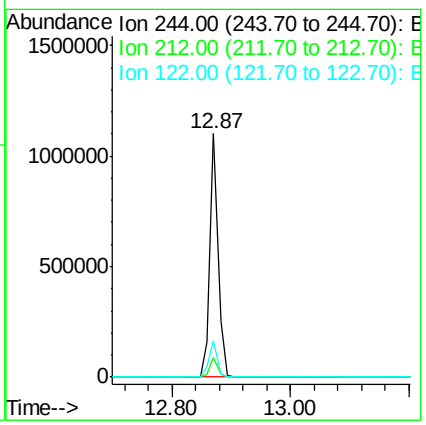


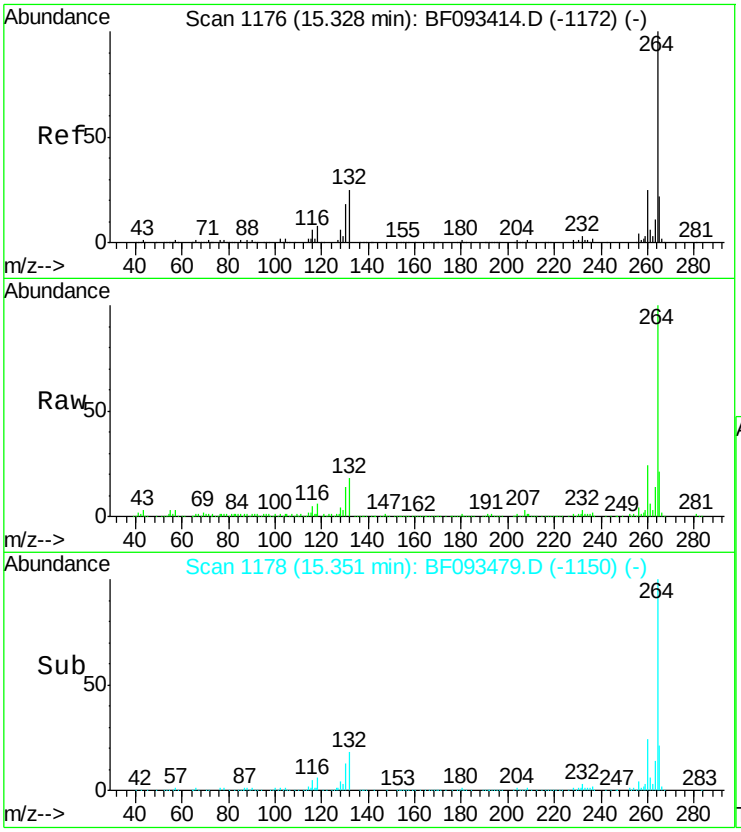


#78
Terphenyl-d14
Concen: 70.31 ng
RT: 12.87 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF093479.D
Acq: 9 Mar 2017 15:49

Tgt Ion:244 Resp: 1053294

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	14.8	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1178
Delta R.T. 0.02 min
Lab File: BF093479.D
Acq: 9 Mar 2017 15:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 295870

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.0	17.4	26.0