Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022817\
Data File : BF093278.D
Acq On : 1 Mar 2017 7:21
Operator : SJ/MA
Sample : I1997-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 01 09:46:45 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	6.81	152	126885	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	453246	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	187308	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	298320	20.00	ng	-0.05
75) Chrysene-d12	13.99	240	215696	20.00	ng	-0.03
86) Perylene-d12	15.43	264	130491	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	115297	15.59	ng	-0.03
7) Phenol-d6	6.48	99	143324	15.06	ng	-0.01
23) Nitrobenzene-d5	7.38	82	96496	11.86	ng	-0.05
41) 2,4,6-Tribromophenol	10.65	330	19437	14.35	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	164903	15.95	ng	-0.05
78) Terphenyl-d14	12.92	244	131296	14.30	ng	-0.05
Target Compounds						Qvalue
25) Isophorone	7.38	82	85964	5.67	ng	# 65
32) Benzoic acid	7.92	122	227	7.21	ng	# 67
49) Dimethylphthalate	9.57	163	39782	3.15	ng	# 98
56) 2,4-Dinitrotoluene	9.85	165	24919	6.87	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.46	198	468	2.91	ng	# 1
69) Pentachlorophenol	11.37	266	588	7.54	ng	# 18
82) Chrysene	14.00	228	27260	2.21	ng	# 14
91) Benzo(g,h,i)perylene	17.27	276	14364	2.37	ng	# 28

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

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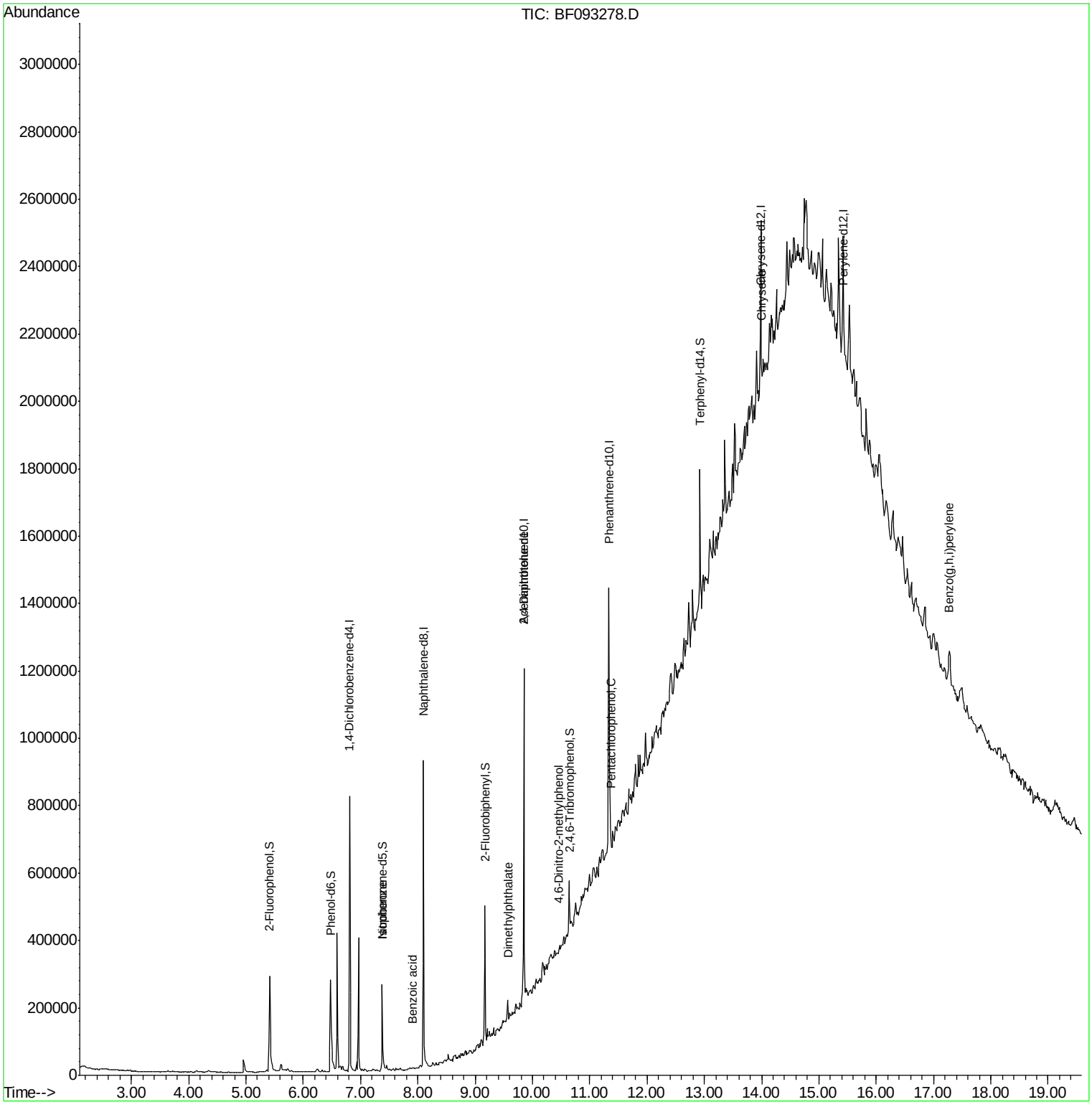
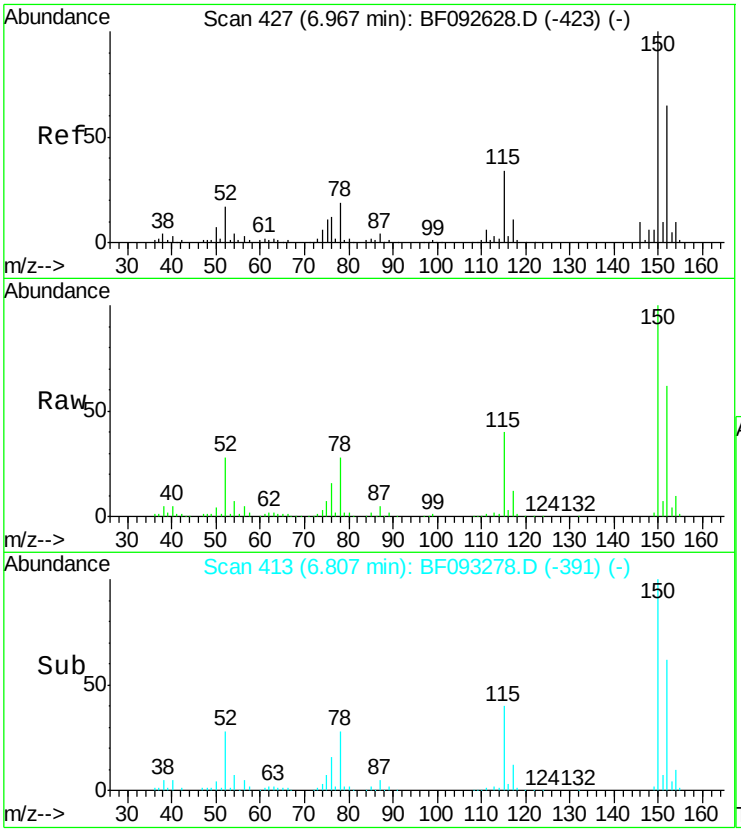


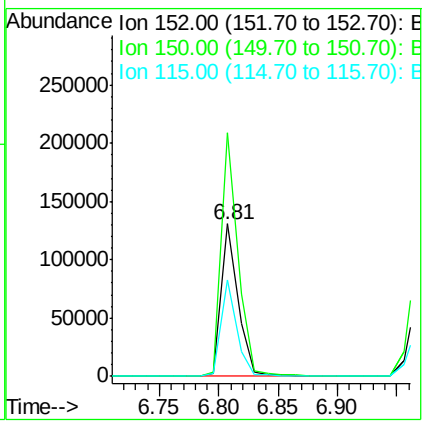


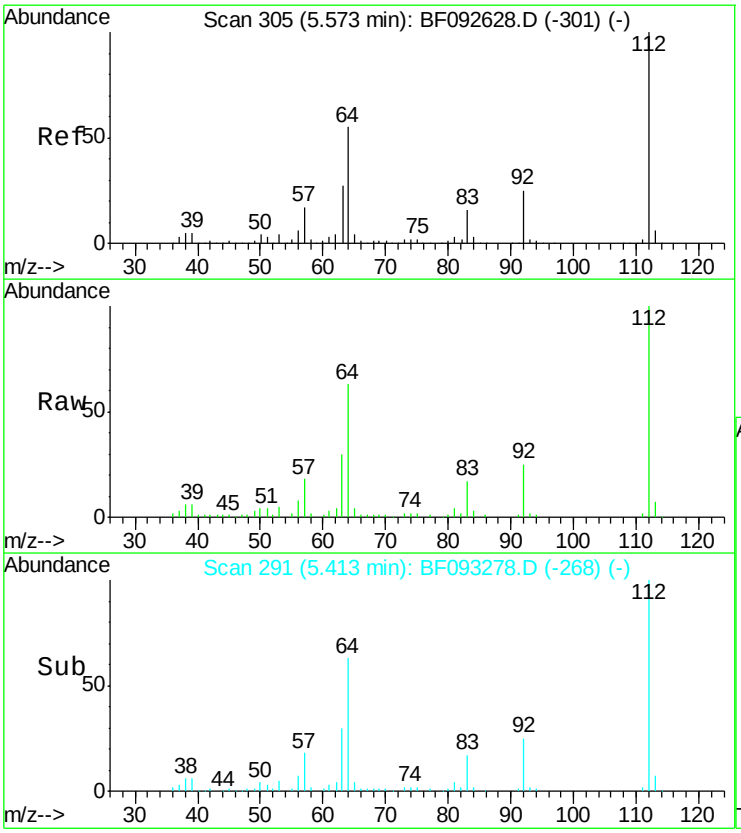
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.05 min
Lab File: BF093278.D
Acq: 1 Mar 2017 7:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 126885

Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.9	187.3
115	63.5	46.0	69.0

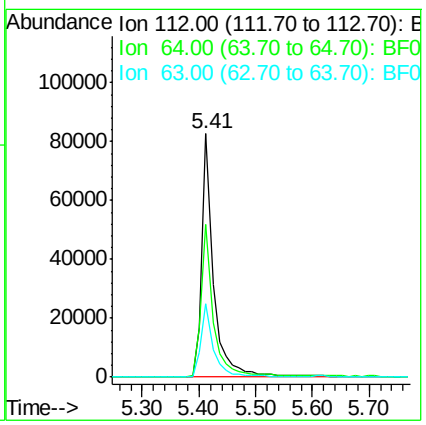


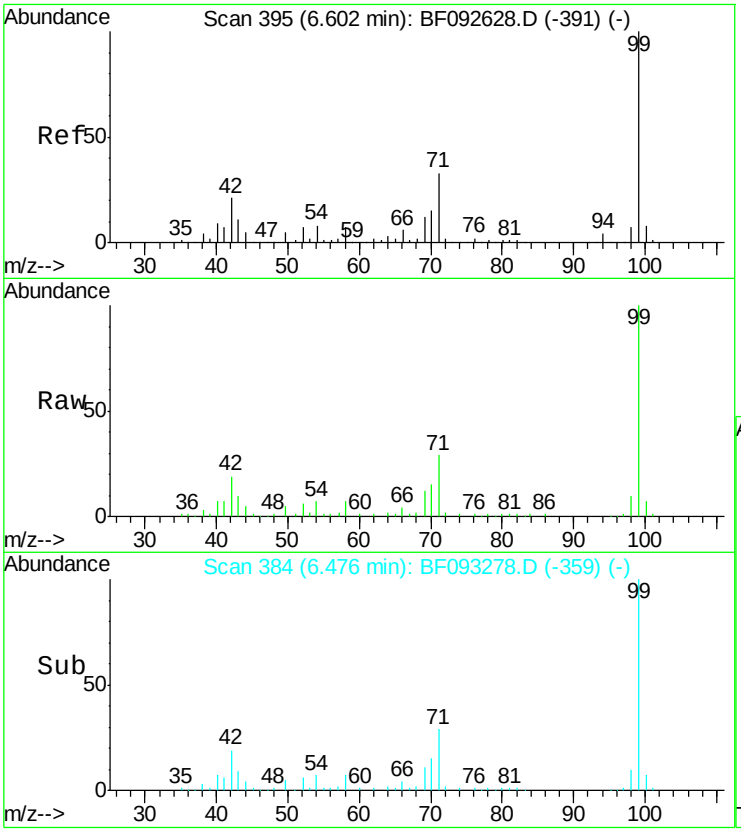


#5
2-Fluorophenol
Concen: 15.59 ng
RT: 5.41 min Scan# 291
Delta R.T. -0.03 min
Lab File: BF093278.D
Acq: 1 Mar 2017 7:21

Tgt Ion:112 Resp: 115297

Ion	Ratio	Lower	Upper
112	100		
64	62.9	46.1	69.1
63	30.4	23.8	35.6



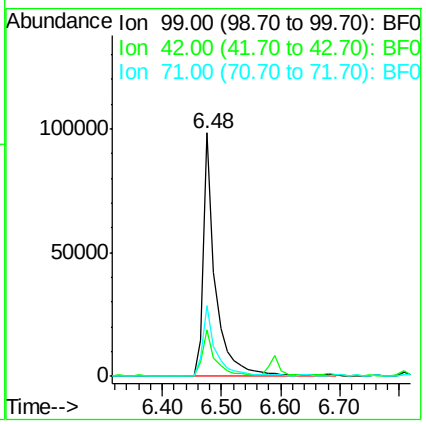


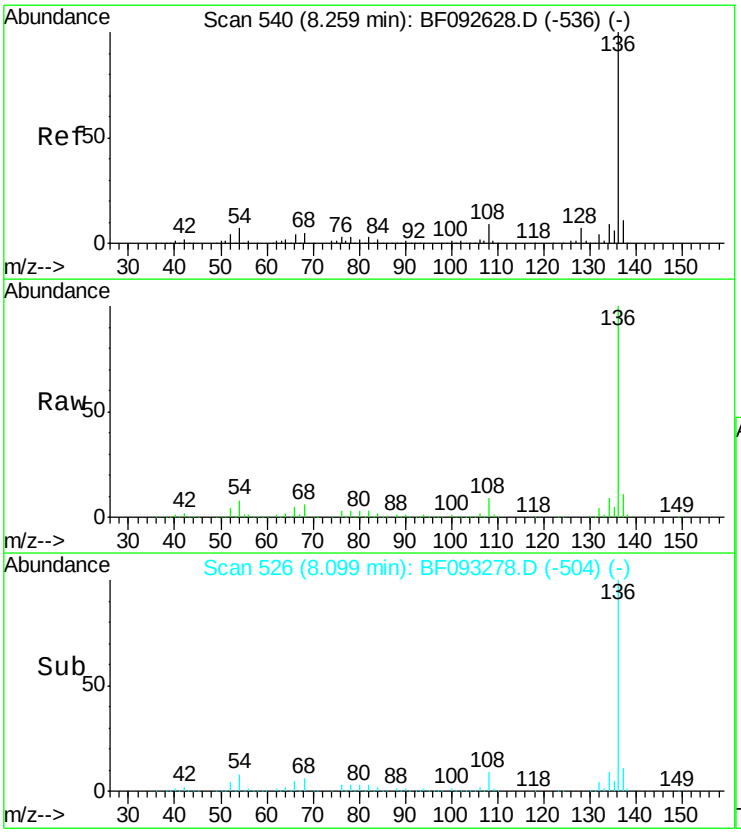
#7
Phenol-d6
Concen: 15.06 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.01 min
Lab File: BF093278.D
Acq: 1 Mar 2017 7:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 143324

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.6	23.4
71	28.9	27.5	41.3

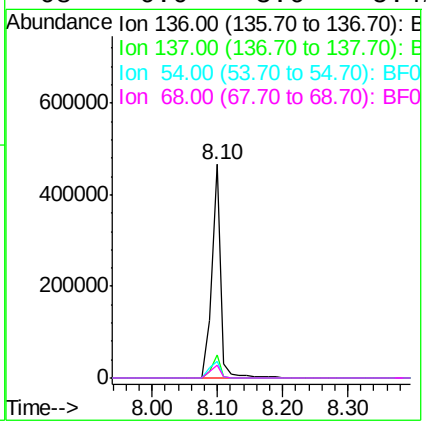


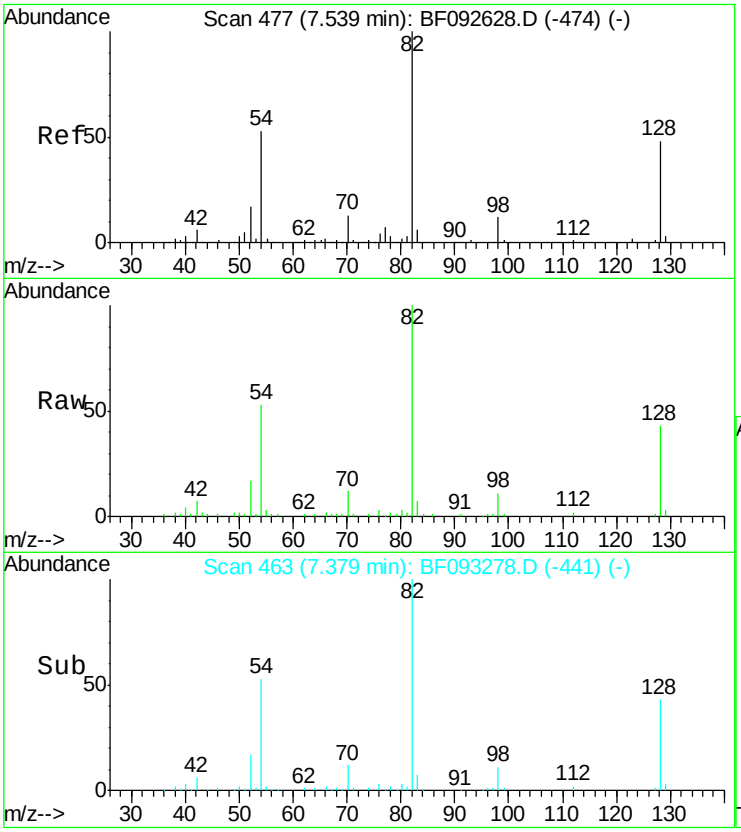


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF093278.D
Acq: 1 Mar 2017 7:21

Tgt Ion:136 Resp: 453246

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	8.0	4.5	6.7#
68	6.0	3.6	5.4#



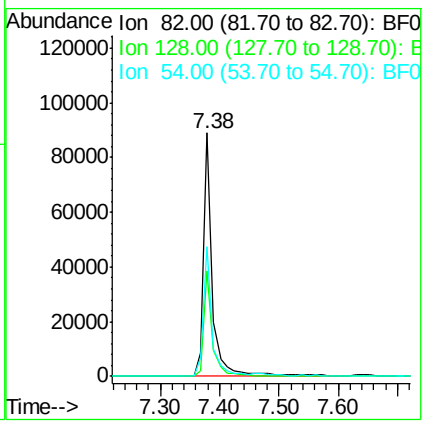


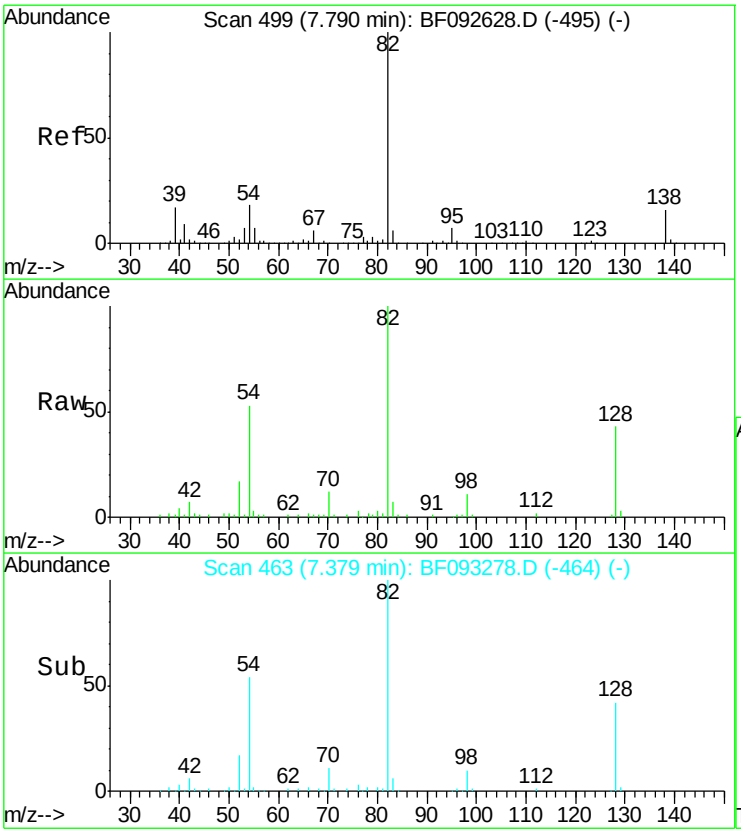
#23
Nitrobenzene-d5
Concen: 11.86 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF093278.D
Acq: 1 Mar 2017 7:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 96496

Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.6	52.0
54	53.4	39.5	59.3

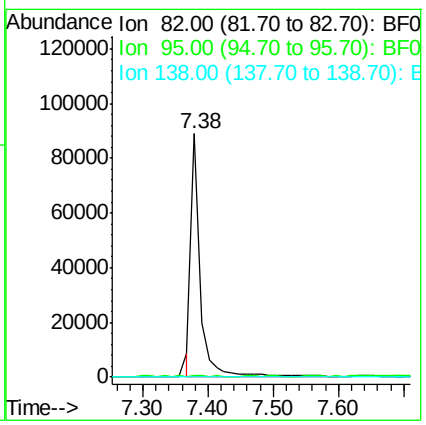


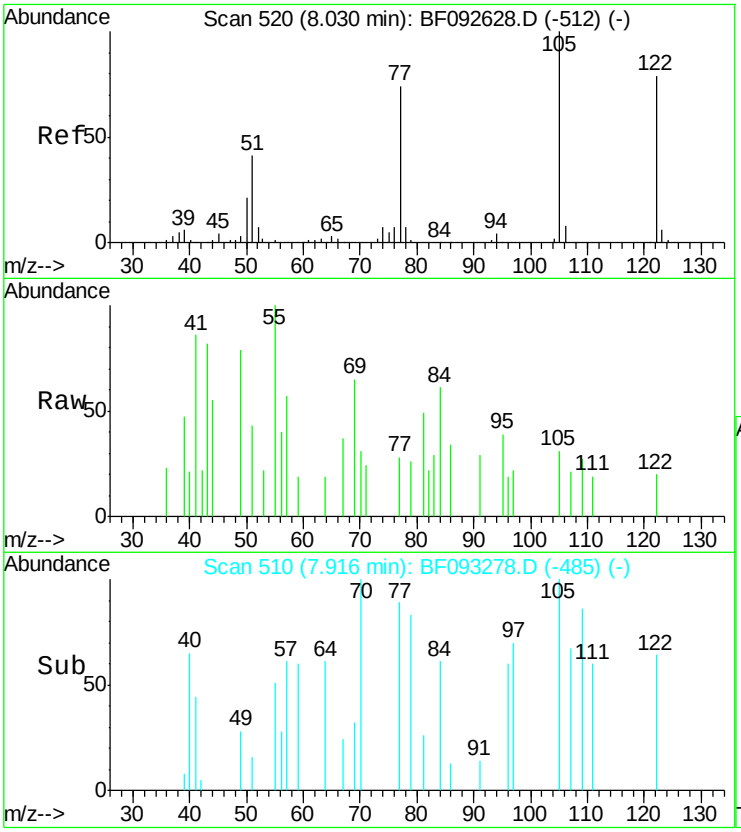


#25
Isophorone
Concen: 5.67 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.31 min
Lab File: BF093278.D
Acq: 1 Mar 2017 7:21

Tgt Ion: 82 Resp: 85964

Ion	Ratio	Lower	Upper
82	100		
95	0.5	5.6	8.4#
138	0.0	14.6	22.0#



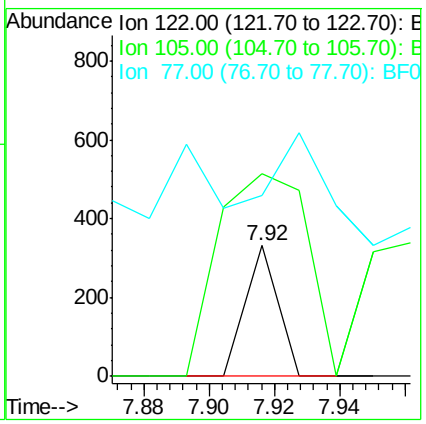


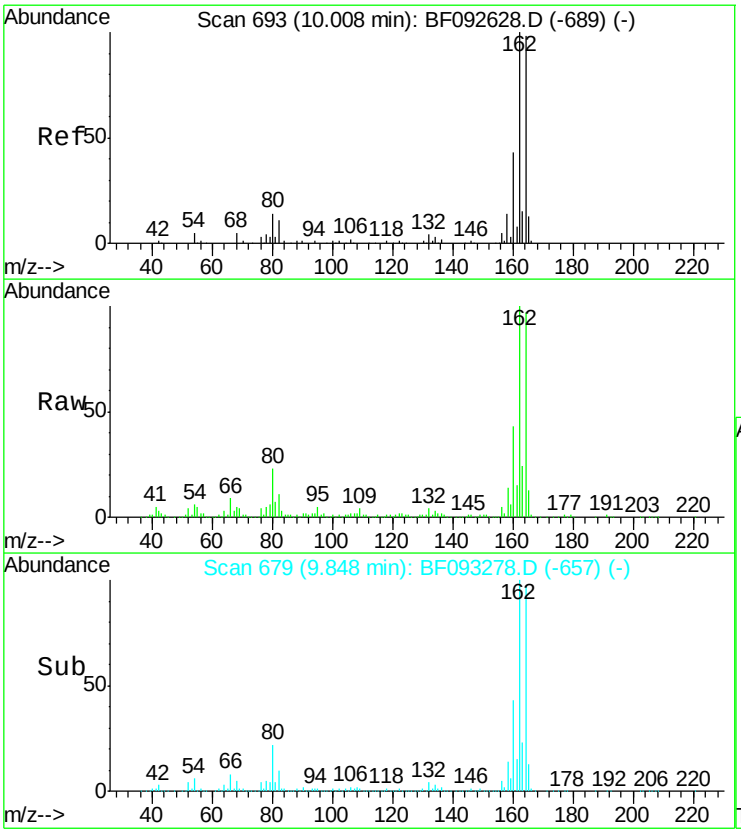
#32
Benzoic acid
Concen: 7.21 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF093278.D
Acq: 1 Mar 2017 7:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 227

Ion	Ratio	Lower	Upper
122	100		
105	155.0	107.2	147.2#
77	138.4	74.5	114.5#

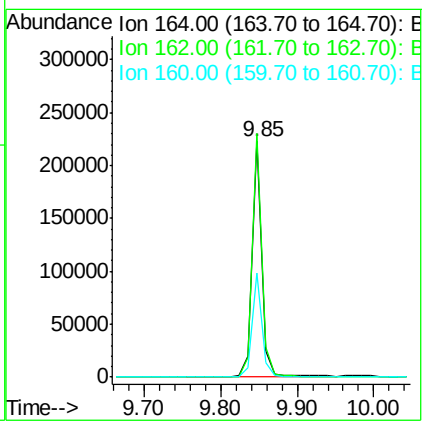


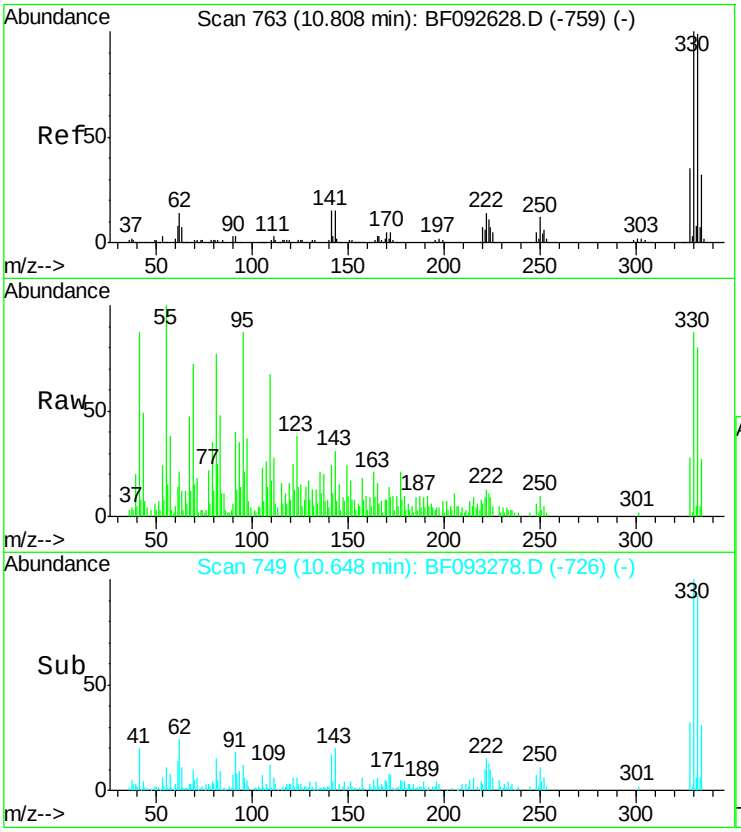


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF093278.D
Acq: 1 Mar 2017 7:21

Tgt Ion:164 Resp: 187308

Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.2	120.2
160	44.2	36.9	55.3



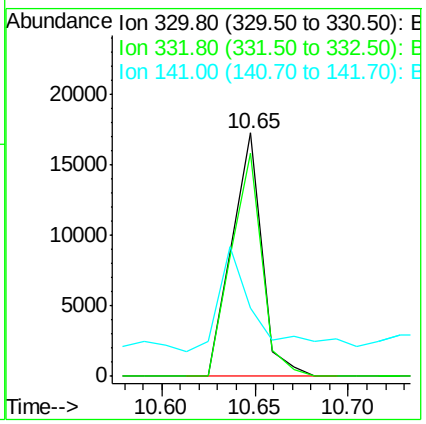


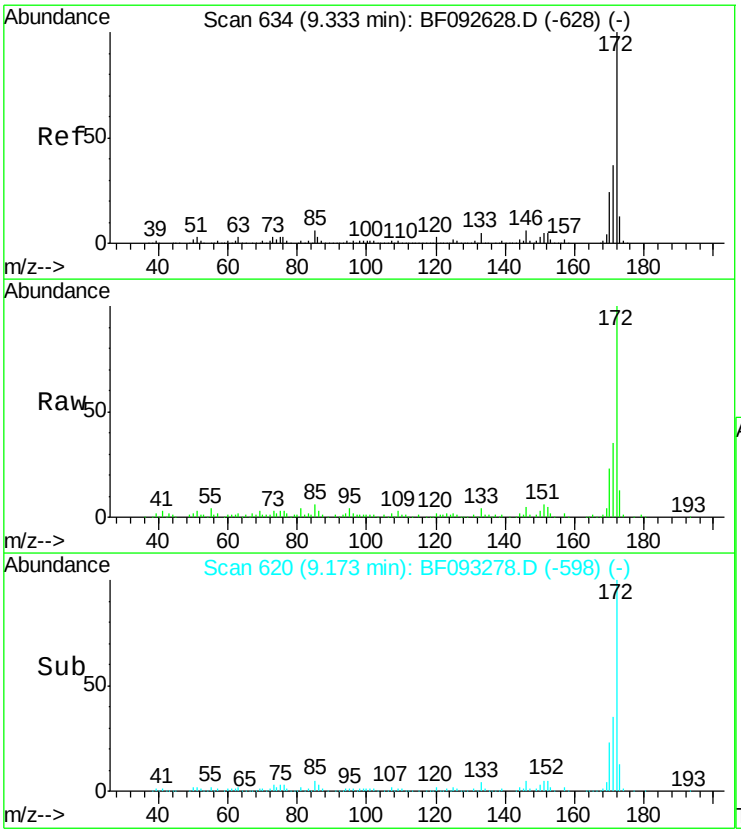
#41
2,4,6-Tribromophenol
Concen: 14.35 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.03 min
Lab File: BF093278.D
Acq: 1 Mar 2017 7:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 19437

Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.4	116.2
141	54.2	34.1	51.1#

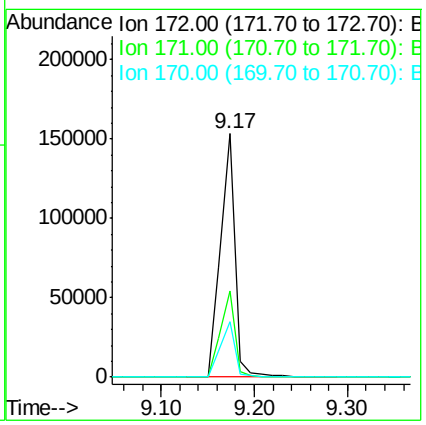


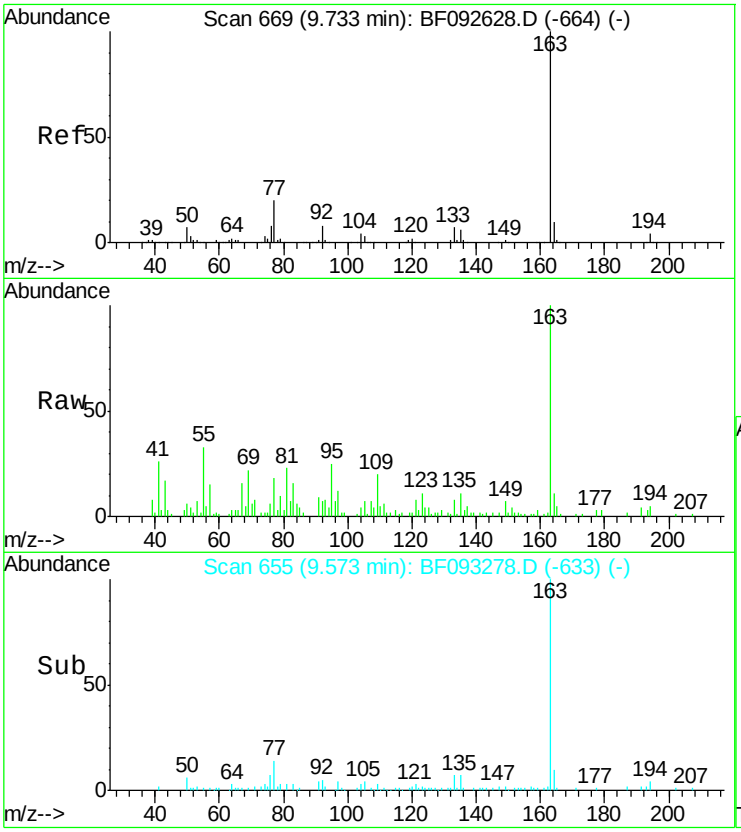


#44
2-Fluorobiphenyl
Concen: 15.95 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.05 min
Lab File: BF093278.D
Acq: 1 Mar 2017 7:21

Tgt Ion:172 Resp: 164903

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.4	44.0
170	22.8	20.2	30.4



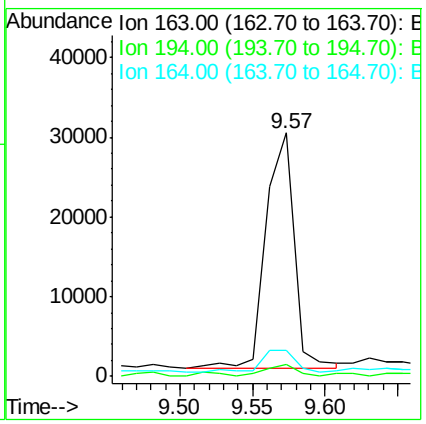


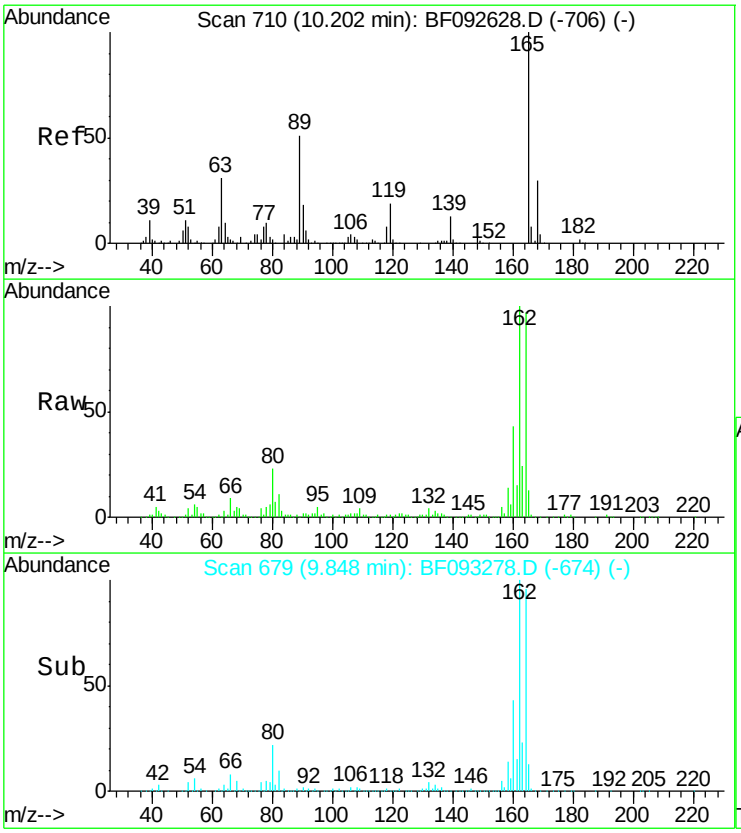
#49
Dimethylphthalate
Concen: 3.15 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.05 min
Lab File: BF093278.D
Acq: 1 Mar 2017 7:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 39782

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.0	4.4#
164	10.6	8.0	12.0

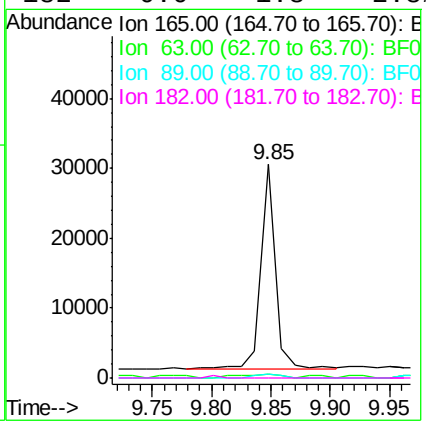


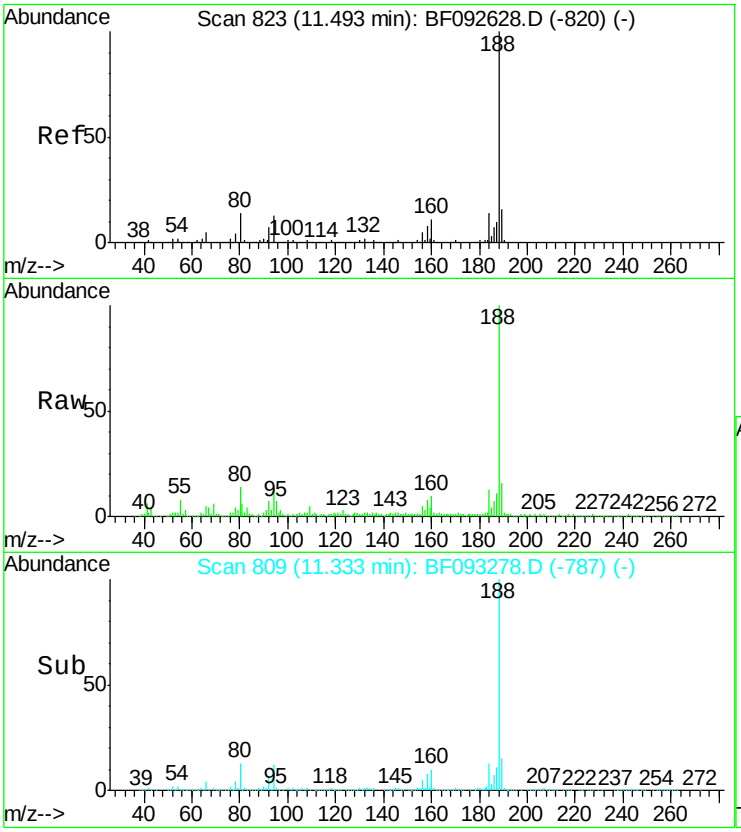


#56
2,4-Dinitrotoluene
Concen: 6.87 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.24 min
Lab File: BF093278.D
Acq: 1 Mar 2017 7:21

Tgt Ion:165 Resp: 24919

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#



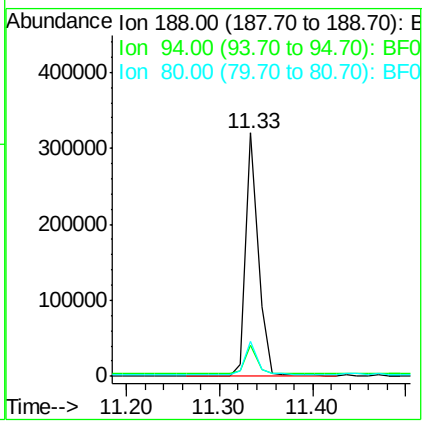


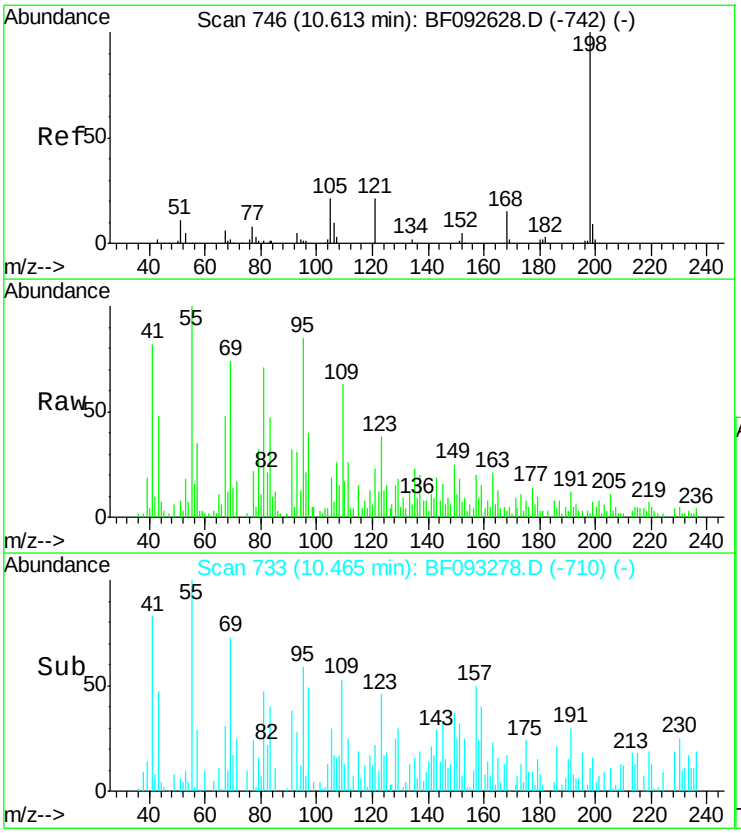
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF093278.D
Acq: 1 Mar 2017 7:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 298320

Ion	Ratio	Lower	Upper
188	100		
94	12.9	10.0	15.0
80	14.1	11.2	16.8

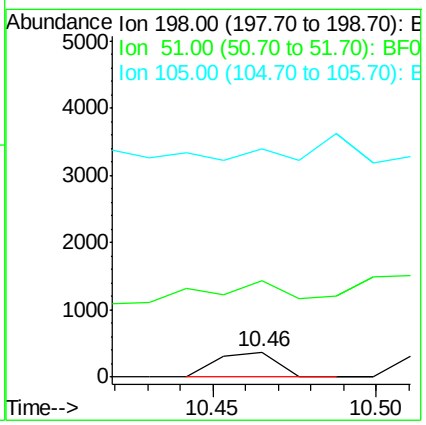


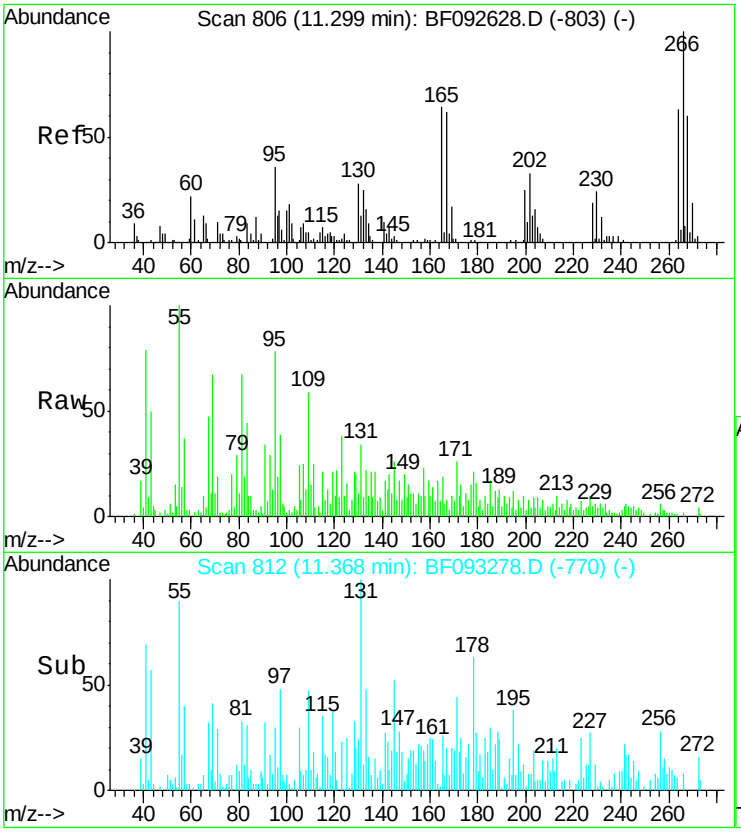


#64
4,6-Dinitro-2-methylphenol
Concen: 2.91 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.03 min
Lab File: BF093278.D
Acq: 1 Mar 2017 7:21

Tgt Ion:198 Resp: 468

Ion	Ratio	Lower	Upper
198	100		
51	379.7	6.7	46.7#
105	906.1	16.6	56.6#



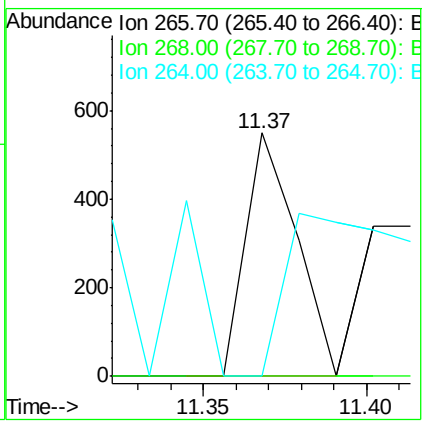


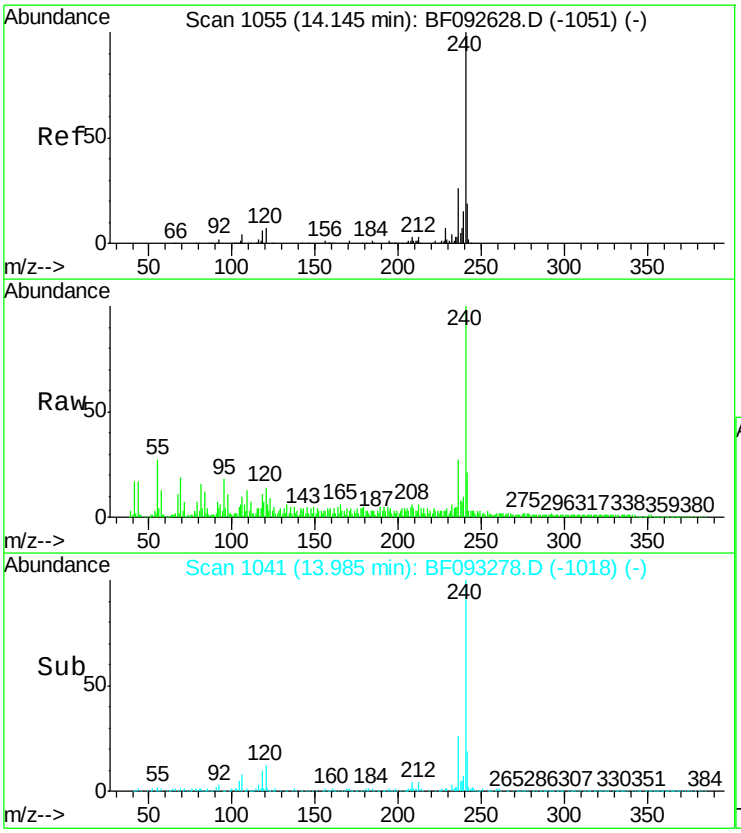
#69
Pentachlorophenol
Concen: 7.54 ng
RT: 11.37 min Scan# 812
Delta R.T. 0.18 min
Lab File: BF093278.D
Acq: 1 Mar 2017 7:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:266 Resp: 588

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

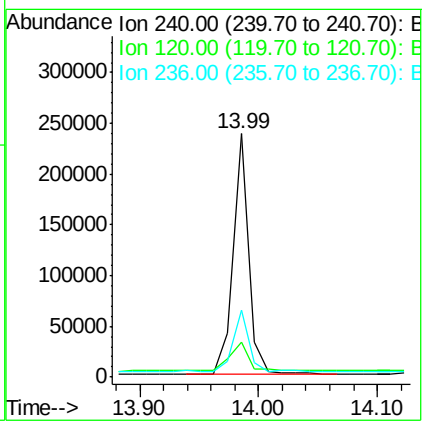


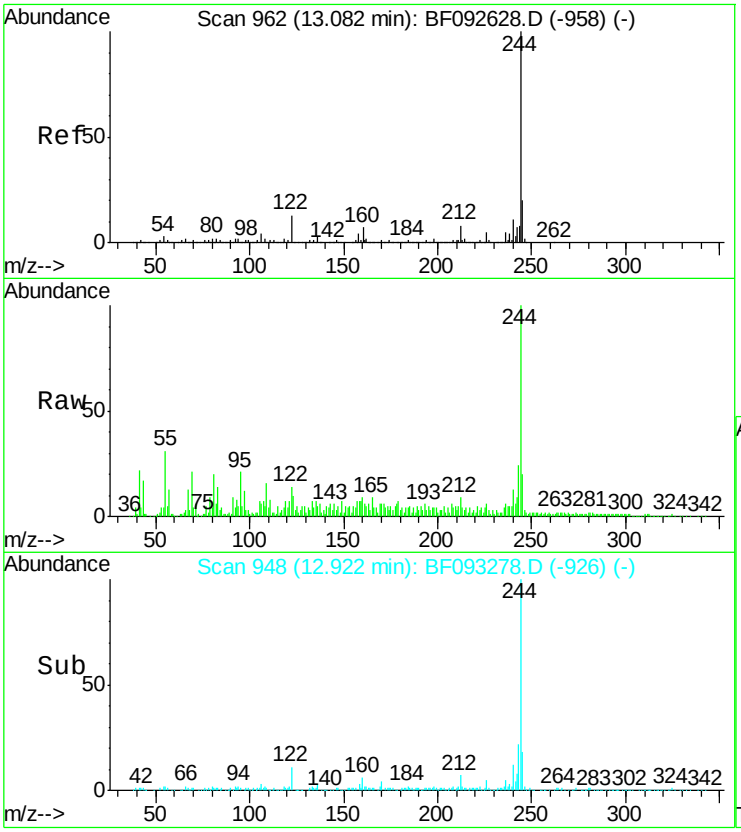


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF093278.D
Acq: 1 Mar 2017 7:21

Tgt Ion:240 Resp: 215696

Ion	Ratio	Lower	Upper
240	100		
120	14.1	12.9	19.3
236	27.4	20.9	31.3



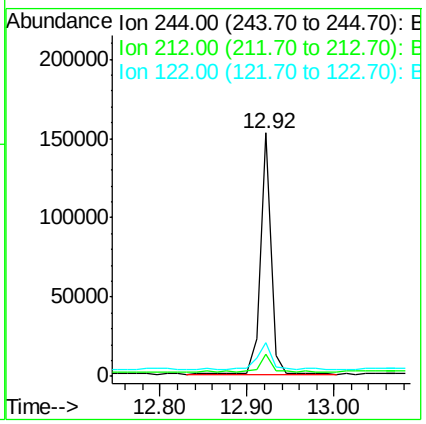


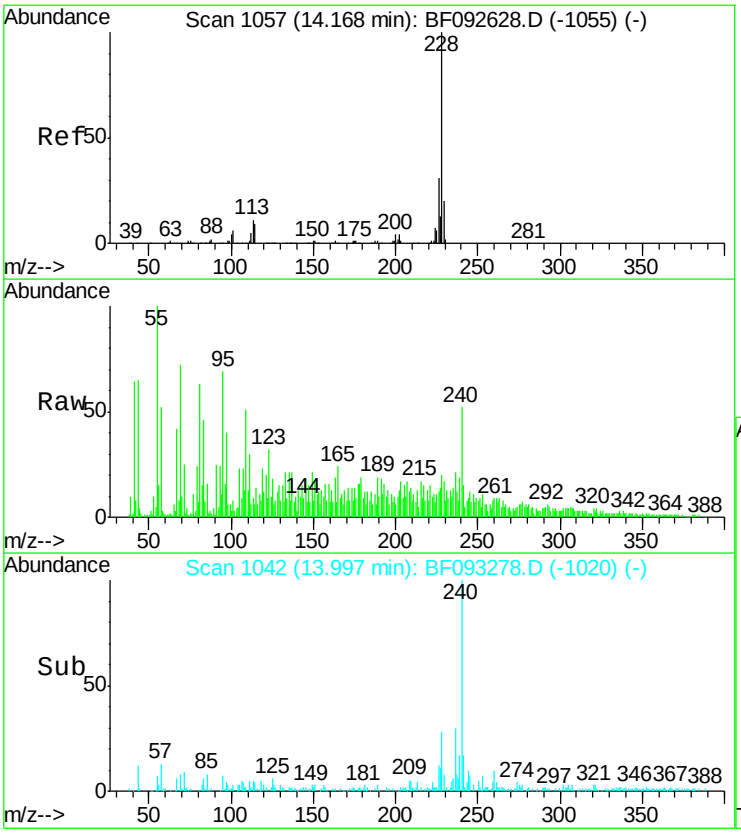
#78
Terphenyl-d14
Concen: 14.30 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.05 min
Lab File: BF093278.D
Acq: 1 Mar 2017 7:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 131296

Ion	Ratio	Lower	Upper
244	100		
212	9.1	6.2	9.2
122	14.0	11.4	17.2

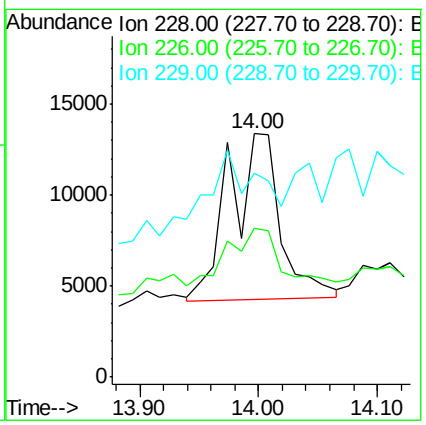


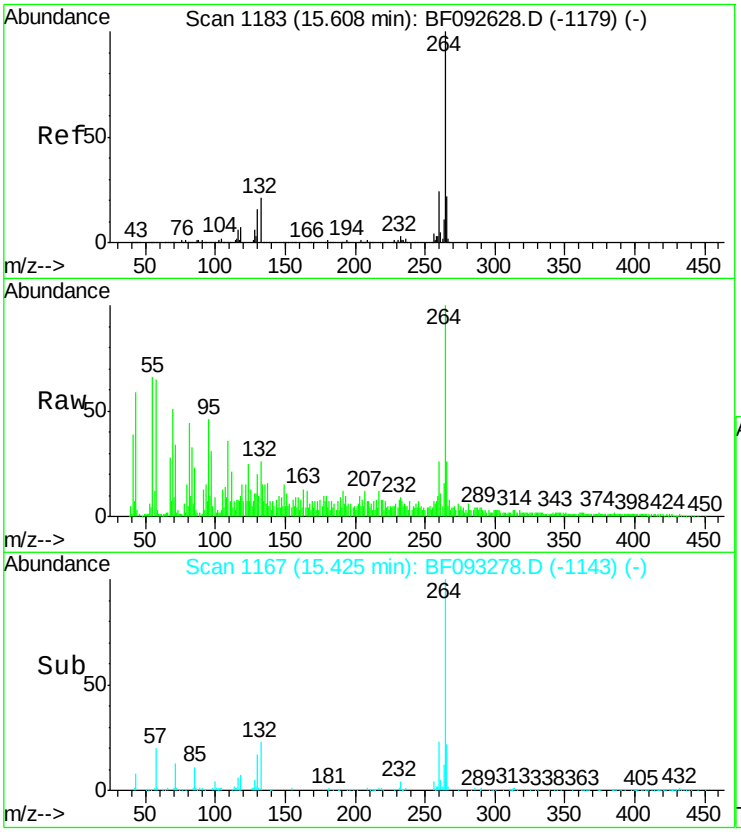


#82
Chrysene
Concen: 2.21 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.05 min
Lab File: BF093278.D
Acq: 1 Mar 2017 7:21

Tgt Ion:228 Resp: 27260

Ion	Ratio	Lower	Upper
228	100		
226	61.3	25.4	38.0#
229	83.6	16.2	24.2#



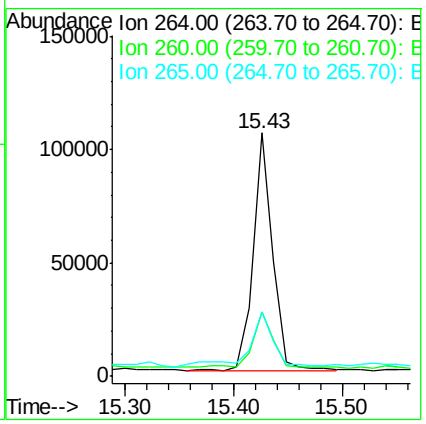


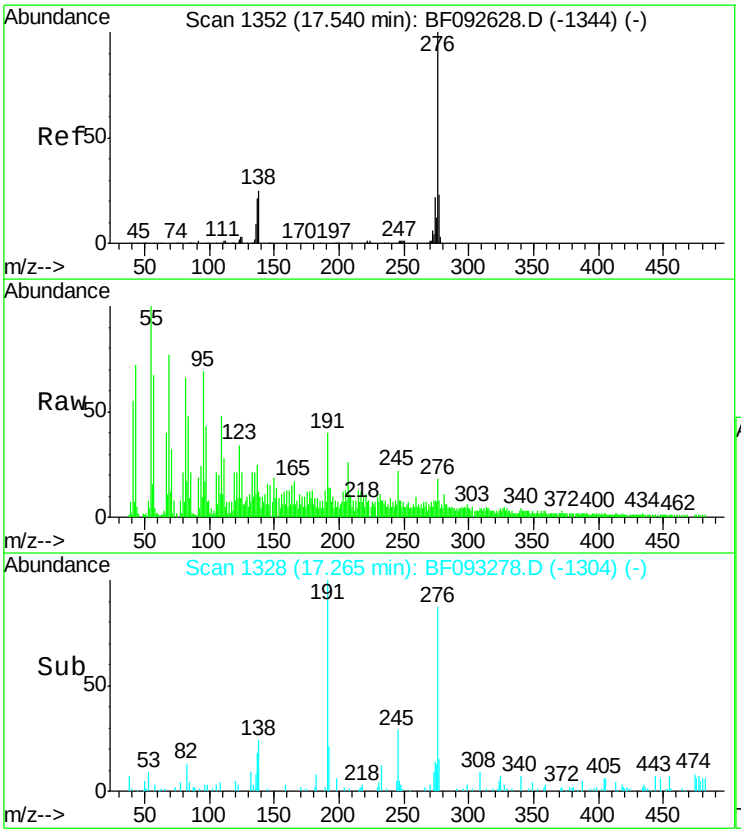
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF093278.D
Acq: 1 Mar 2017 7:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 130491

Ion	Ratio	Lower	Upper
264	100		
260	26.2	19.2	28.8
265	26.5	17.4	26.0#





#91
Benzo(g,h,i)perylene
Concen: 2.37 ng
RT: 17.27 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BF093278.D
Acq: 1 Mar 2017 7:21

Tgt Ion:276 Resp: 14364

Ion	Ratio	Lower	Upper
276	100		
277	47.3	19.2	28.8#
138	67.3	16.0	24.0#