Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062717\
Data File : BF096232.D
Acq On : 27 Jun 2017 22:39
Operator : SJ/MA
Sample : I3851-02RE 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 28 04:09:32 2017
Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 27 15:17:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	211344	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	829609	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	295354	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	431926	20.00	ng	0.00
75) Chrysene-d12	13.92	240	372765	20.00	ng	0.00
86) Perylene-d12	15.35	264	247774	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	114527	7.81	ng	0.00
7) Phenol-d6	6.40	99	138281	7.78	ng	0.00
23) Nitrobenzene-d5	7.33	82	65572	5.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	14747	6.34	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	127993	7.94	ng	-0.02
78) Terphenyl-d14	12.87	244	79106	5.30	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.32	77	1033	Below Cal	#	1
25) Isophorone	7.33	82	65570	2.41	ng #	68
32) Benzoic acid	7.74	122	5800	9.33	ng	97
50) 2,6-Dinitrotoluene	9.82	165	38503	8.76	ng #	34
56) 2,4-Dinitrotoluene	9.82	165	38503	6.95	ng #	33
64) 4,6-Dinitro-2-methylphenol	10.69	198	271	8.85	ng #	1
70) Phenanthrene	11.32	178	28757	Below Cal		94
87) Benzo(b)fluoranthene	14.94	252	40808	2.51	ng #	16
88) Benzo(k)fluoranthene	14.94	252	40808	2.75	ng #	16

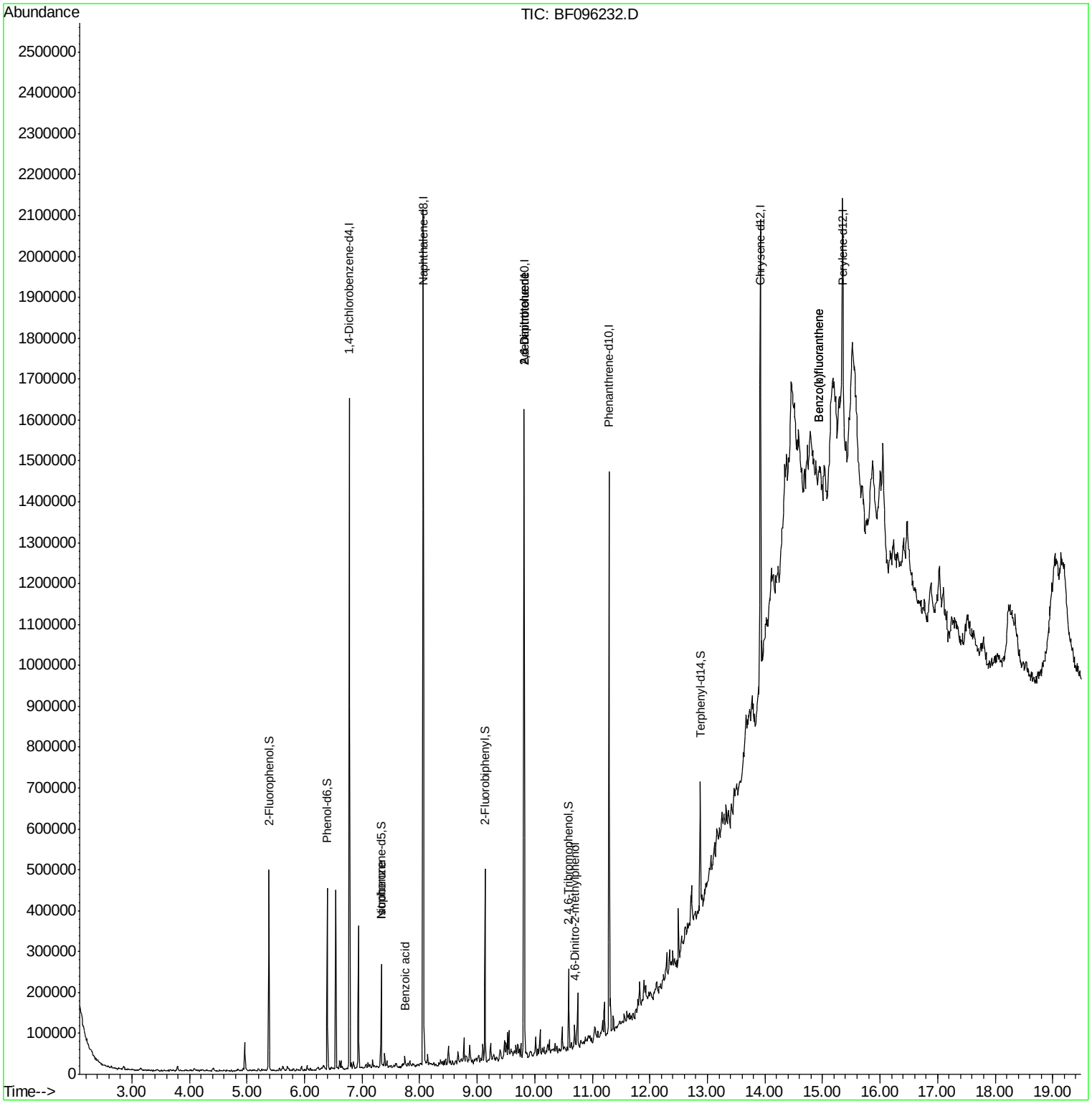
(#) = qualifier out of range (m) = manual integration (+) = signals summed

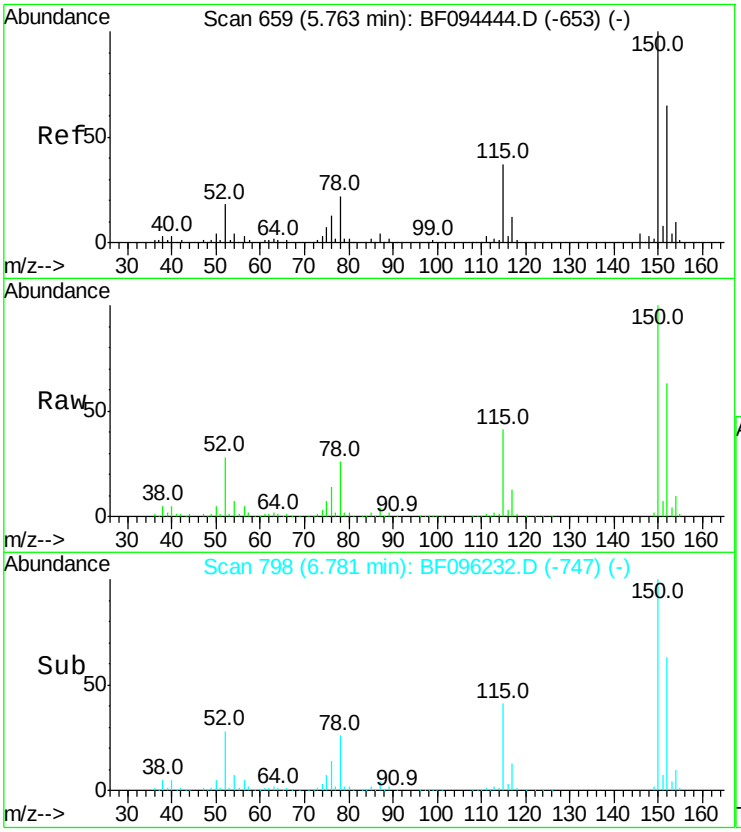
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062717\
Data File : BF096232.D
Acq On : 27 Jun 2017 22:39
Operator : SJ/MA
Sample : I3851-02RE 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 28 04:09:32 2017
Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 27 15:17:15 2017
Response via : Initial Calibration



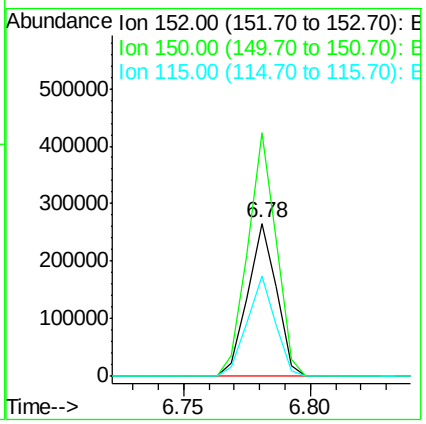


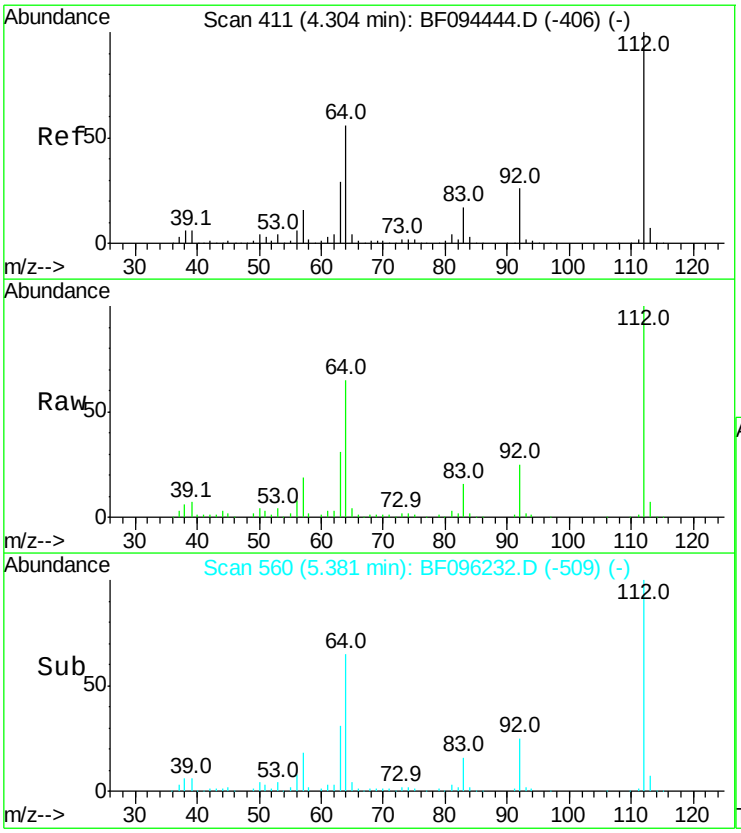
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF096232.D
Acq: 27 Jun 2017 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 211344

Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.2	189.2
115	65.4	52.2	78.2

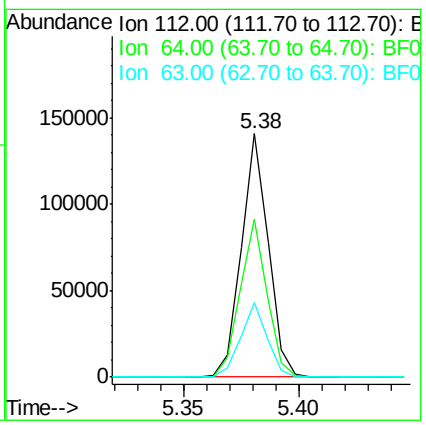


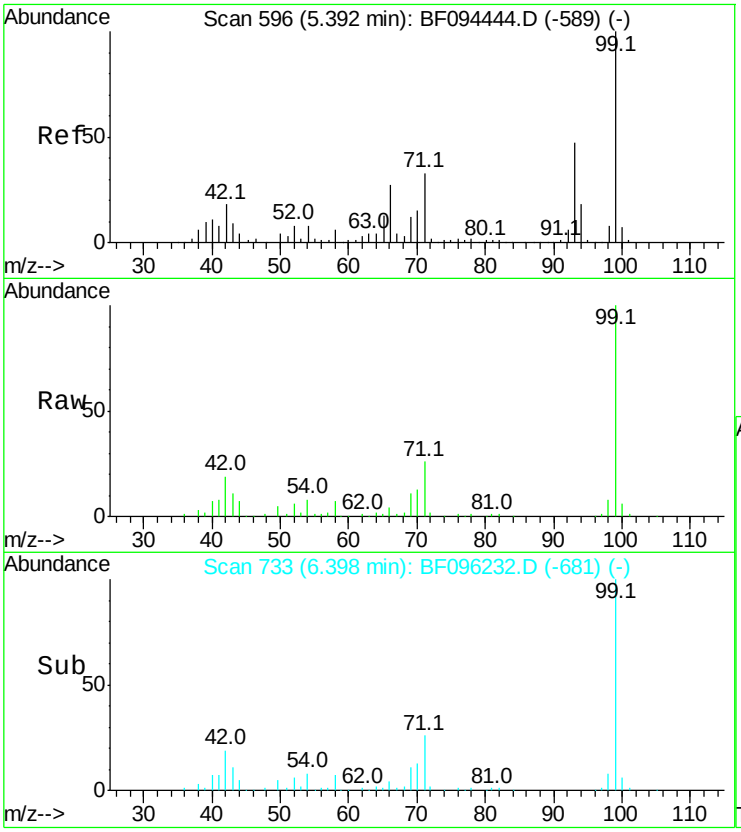


#5
2-Fluorophenol
Concen: 7.81 ng
RT: 5.38 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF096232.D
Acq: 27 Jun 2017 22:39

Tgt Ion:112 Resp: 114527

Ion	Ratio	Lower	Upper
112	100		
64	64.8	46.0	69.0
63	30.7	23.4	35.0



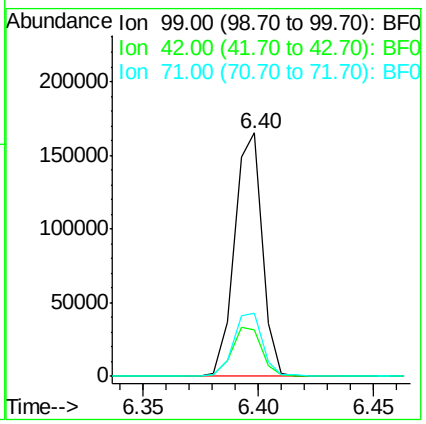


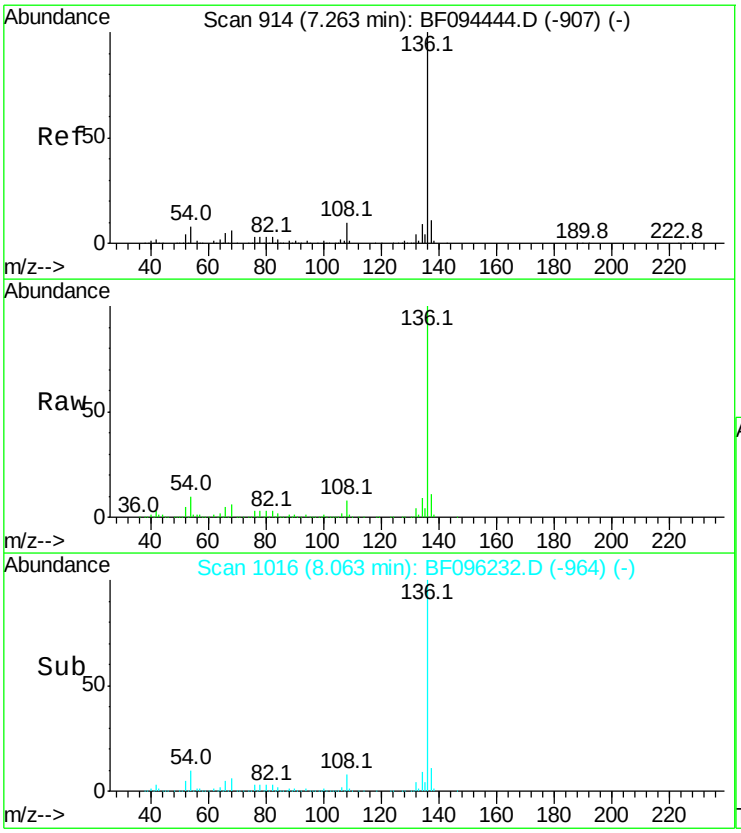
#7
Phenol-d6
Concen: 7.78 ng
RT: 6.40 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF096232.D
Acq: 27 Jun 2017 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 138281

Ion	Ratio	Lower	Upper
99	100		
42	19.4	13.5	20.3
71	25.8	24.5	36.7

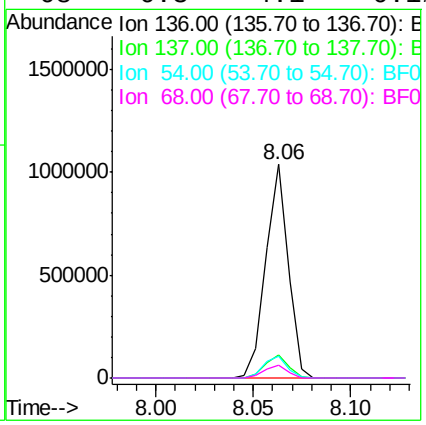


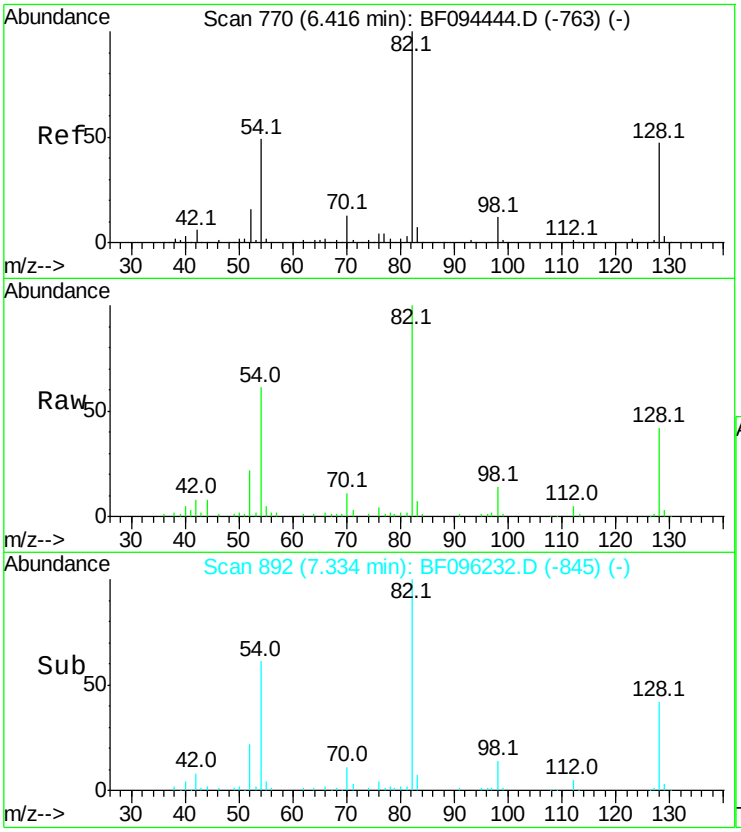


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BF096232.D
Acq: 27 Jun 2017 22:39

Tgt Ion:136 Resp: 829609

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.0	4.9	7.3#
68	6.3	4.1	6.1#

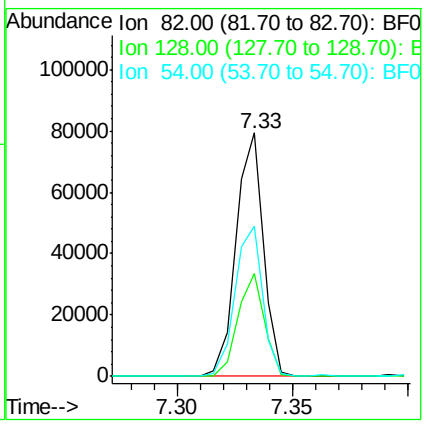




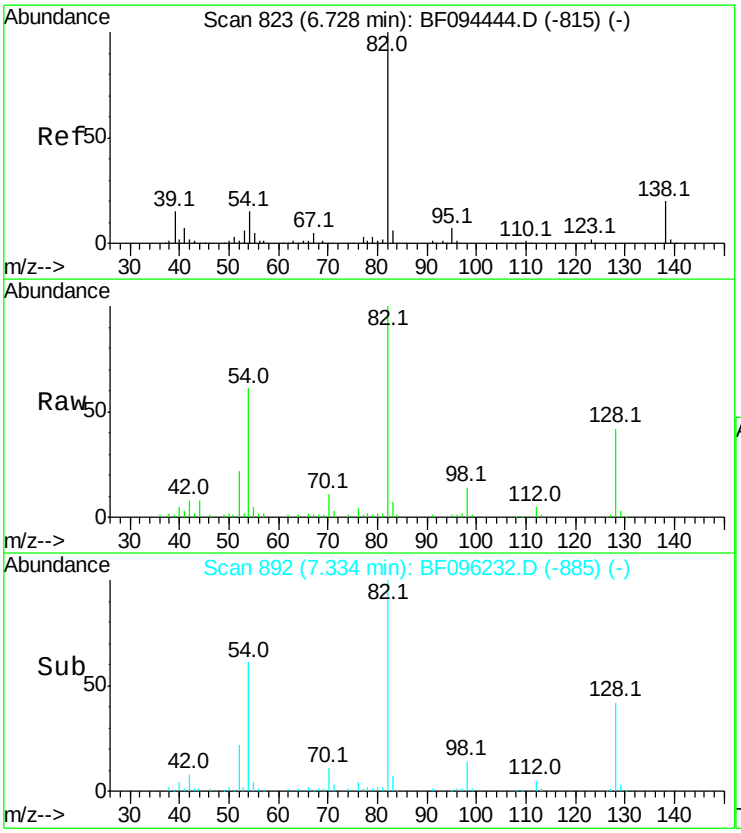
#23
Nitrobenzene-d5
Concen: 5.47 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF096232.D
Acq: 27 Jun 2017 22:39

Tgt Ion: 82 Resp: 65572

Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.0	51.0
54	61.5	42.2	63.2



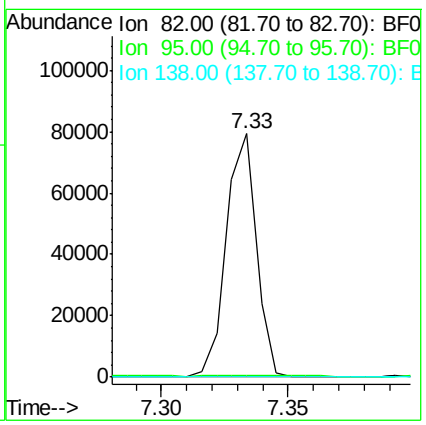
Instrument :
BNA_F
ClientSampleId :

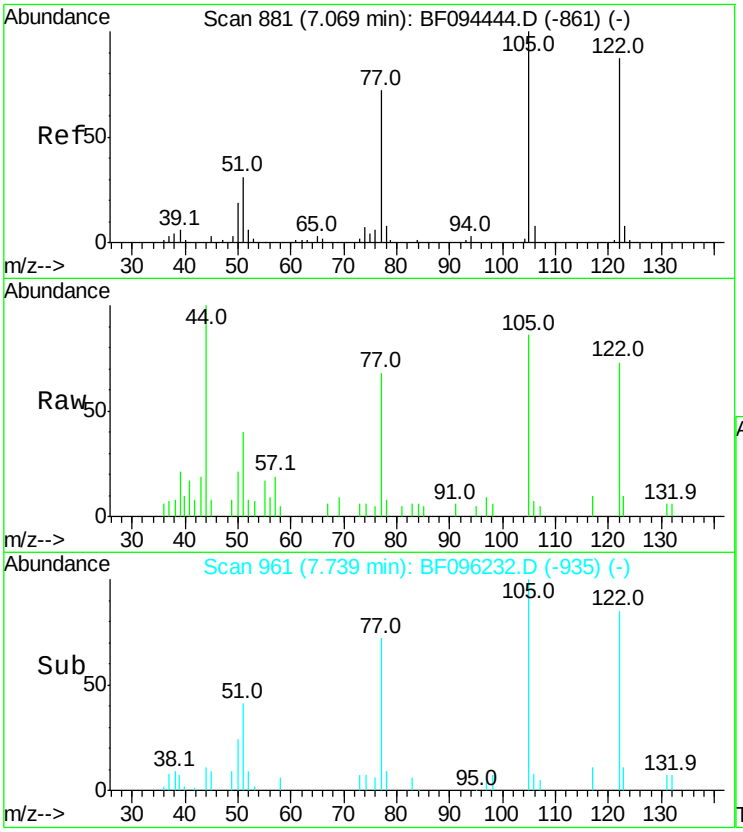


#25
Isophorone
Concen: 2.41 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.26 min
Lab File: BF096232.D
Acq: 27 Jun 2017 22:39

Tgt Ion: 82 Resp: 65570

Ion	Ratio	Lower	Upper
82	100		
95	0.5	5.3	7.9#
138	0.0	13.1	19.7#

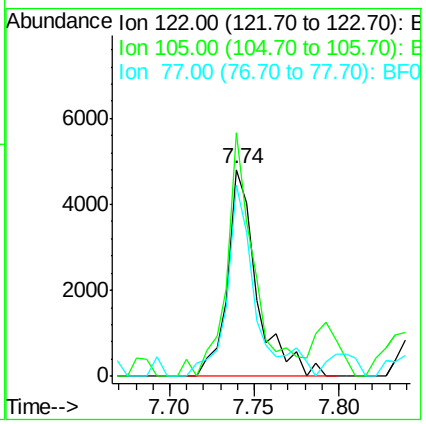




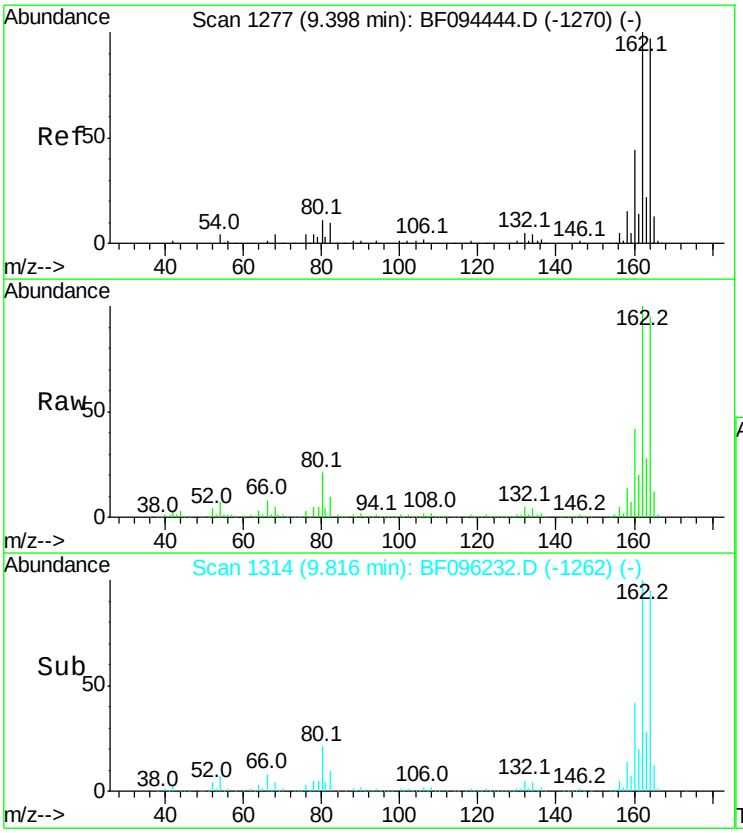
#32
Benzoic acid
Concen: 9.33 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.15 min
Lab File: BF096232.D
Acq: 27 Jun 2017 22:39

Tgt Ion:122 Resp: 5800

Ion	Ratio	Lower	Upper
122	100		
105	117.6	103.3	143.3
77	92.5	73.7	113.7



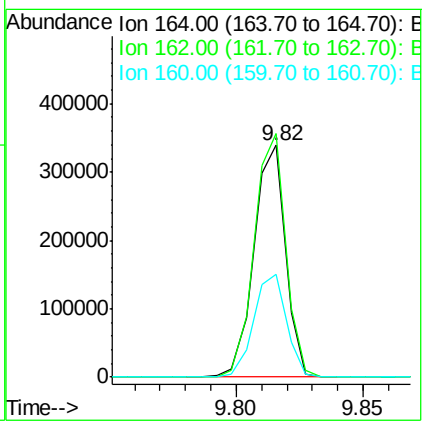
Instrument :
BNA_F
ClientSampleId :

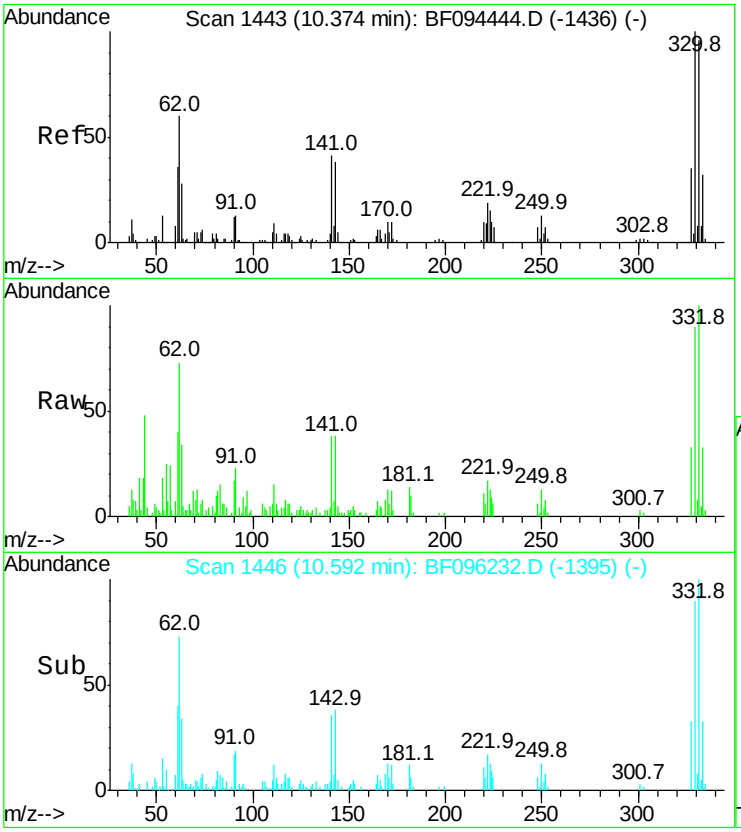


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF096232.D
Acq: 27 Jun 2017 22:39

Tgt Ion:164 Resp: 295354

Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.6	123.8
160	44.5	36.2	54.2



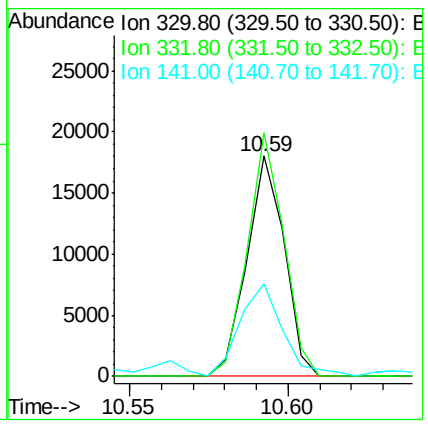


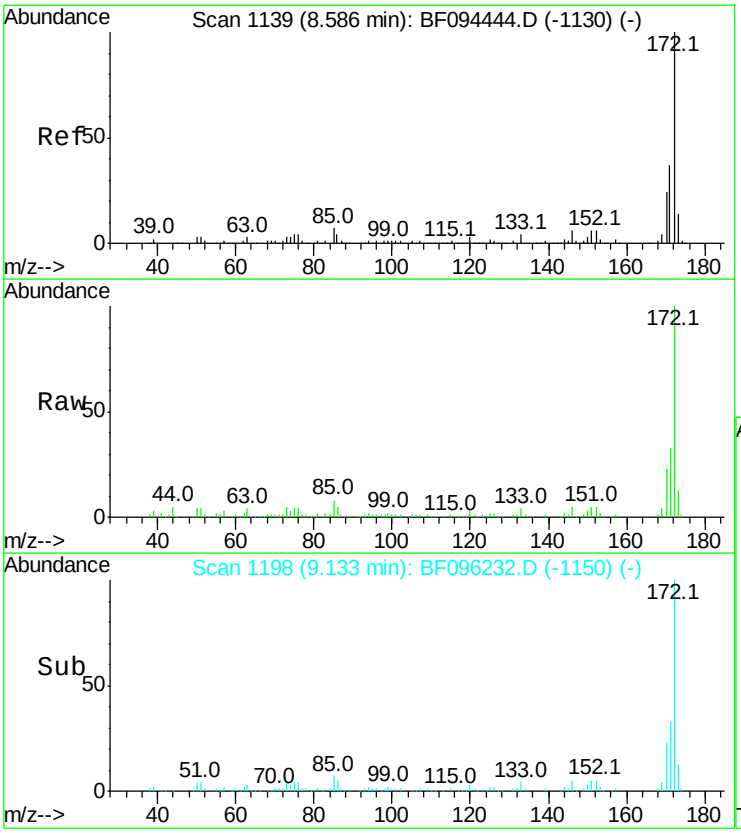
#41
2,4,6-Tribromophenol
Concen: 6.34 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BF096232.D
Acq: 27 Jun 2017 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 14747

Ion	Ratio	Lower	Upper
330	100		
332	107.4	76.6	115.0
141	48.5	31.4	47.2#

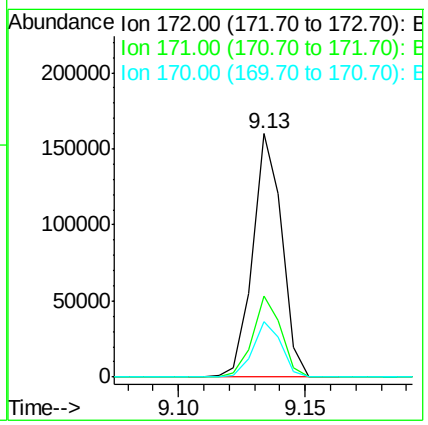


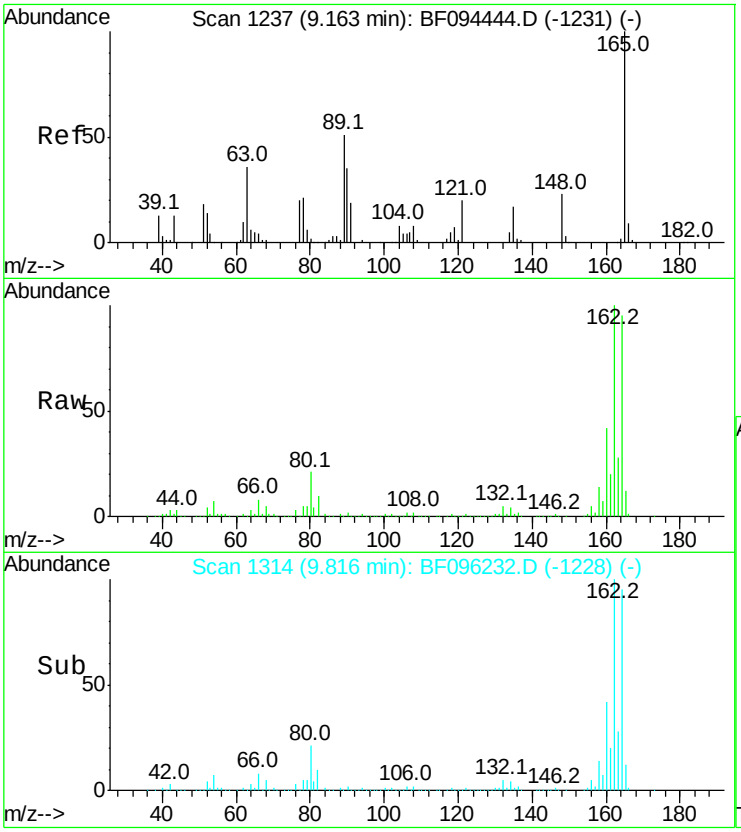


#44
2-Fluorobiphenyl
Concen: 7.94 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BF096232.D
Acq: 27 Jun 2017 22:39

Tgt Ion:172 Resp: 127993

Ion	Ratio	Lower	Upper
172	100		
171	33.5	29.6	44.4
170	22.6	19.8	29.8



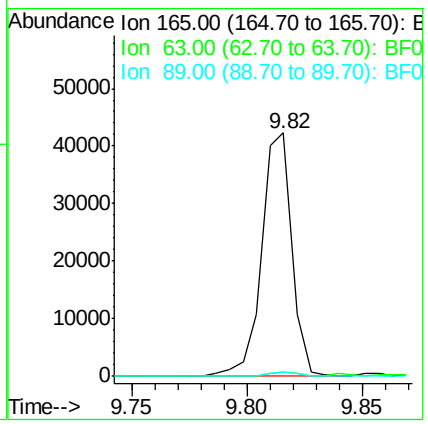


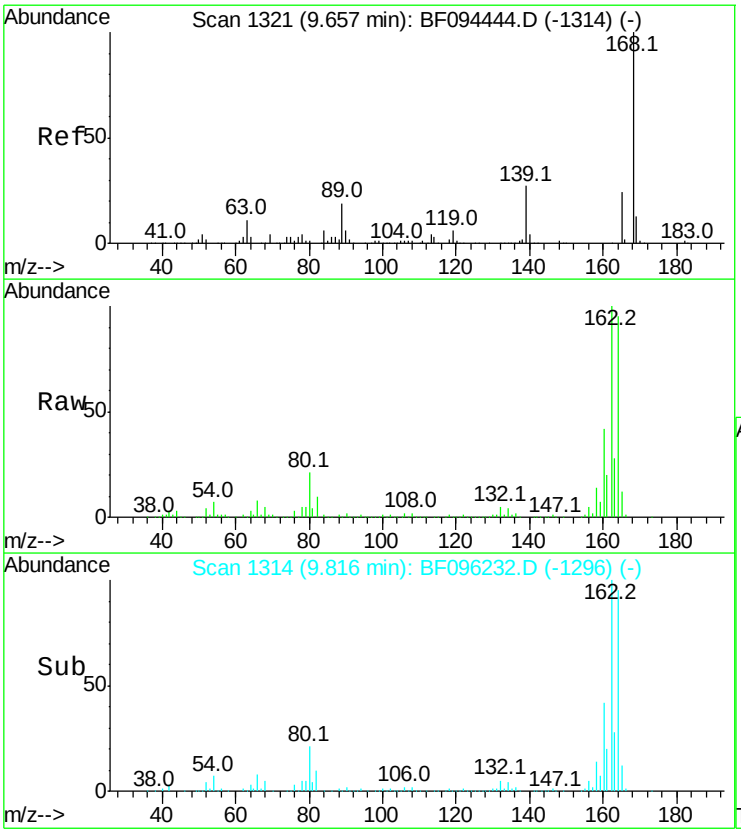
#50
2,6-Dinitrotoluene
Concen: 8.76 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.21 min
Lab File: BF096232.D
Acq: 27 Jun 2017 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 38503

Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.3	51.5#
89	1.8	37.1	55.7#

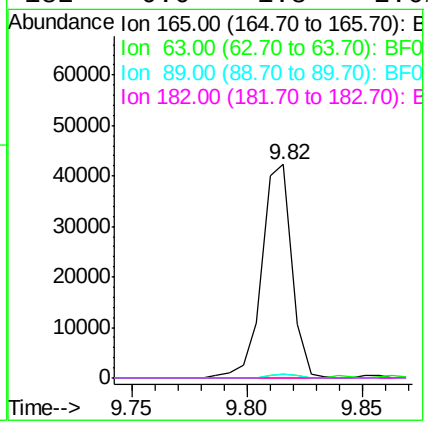


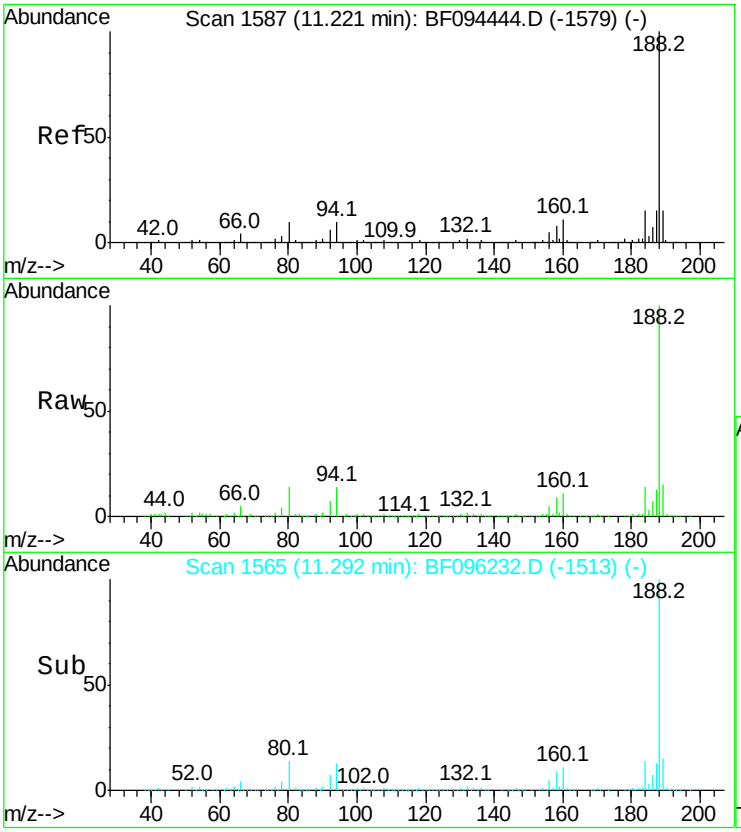


#56
2,4-Dinitrotoluene
Concen: 6.95 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.19 min
Lab File: BF096232.D
Acq: 27 Jun 2017 22:39

Tgt Ion:165 Resp: 38503

Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	1.8	46.4	69.6#
182	0.0	1.8	2.6#



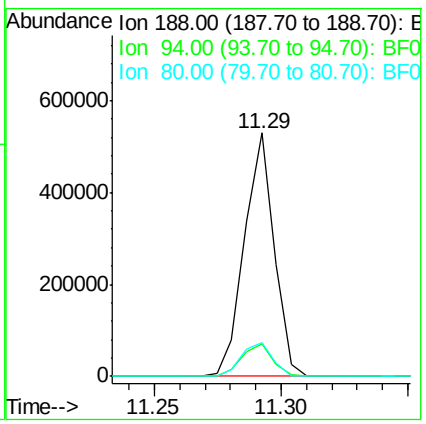


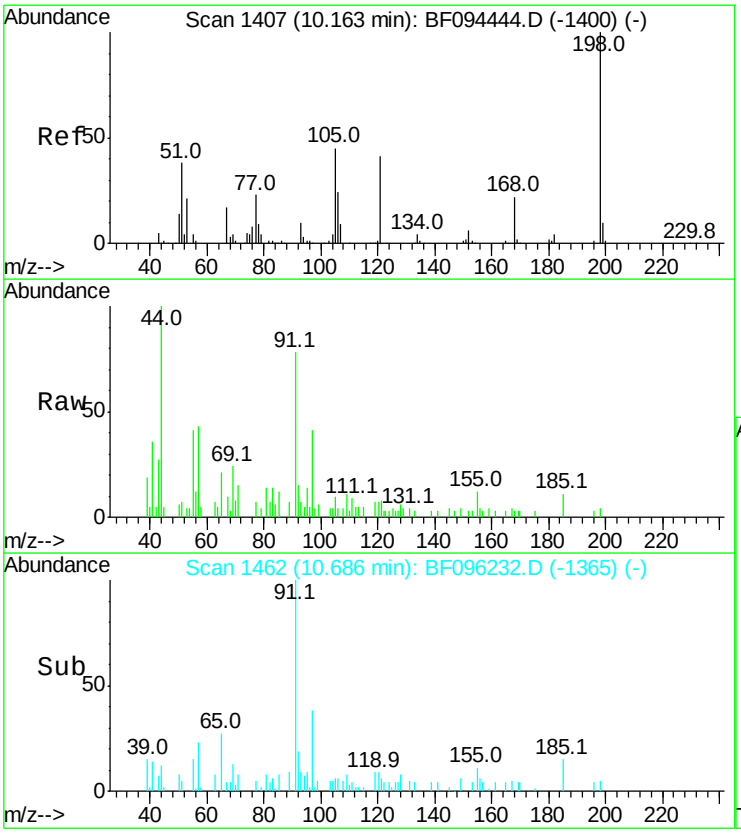
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BF096232.D
Acq: 27 Jun 2017 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 431926

Ion	Ratio	Lower	Upper
188	100		
94	13.5	9.4	14.2
80	13.8	10.2	15.2

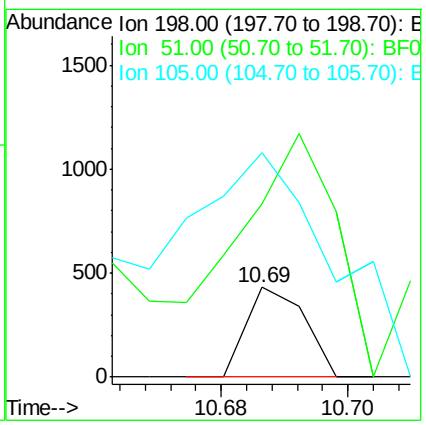


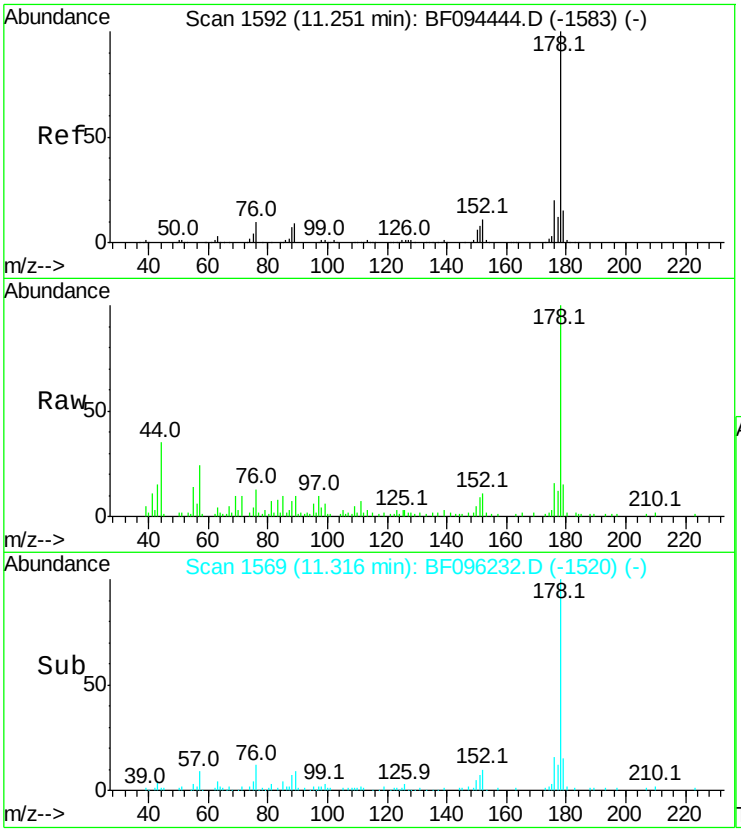


#64
4,6-Dinitro-2-methylphenol
Concen: 8.85 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.27 min
Lab File: BF096232.D
Acq: 27 Jun 2017 22:39

Tgt Ion:198 Resp: 271

Ion	Ratio	Lower	Upper
198	100		
51	192.8	53.2	93.2#
105	250.6	45.8	85.8#



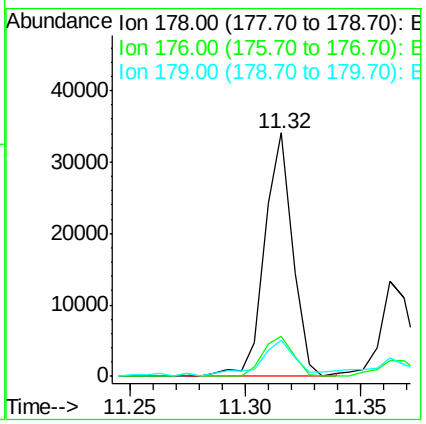


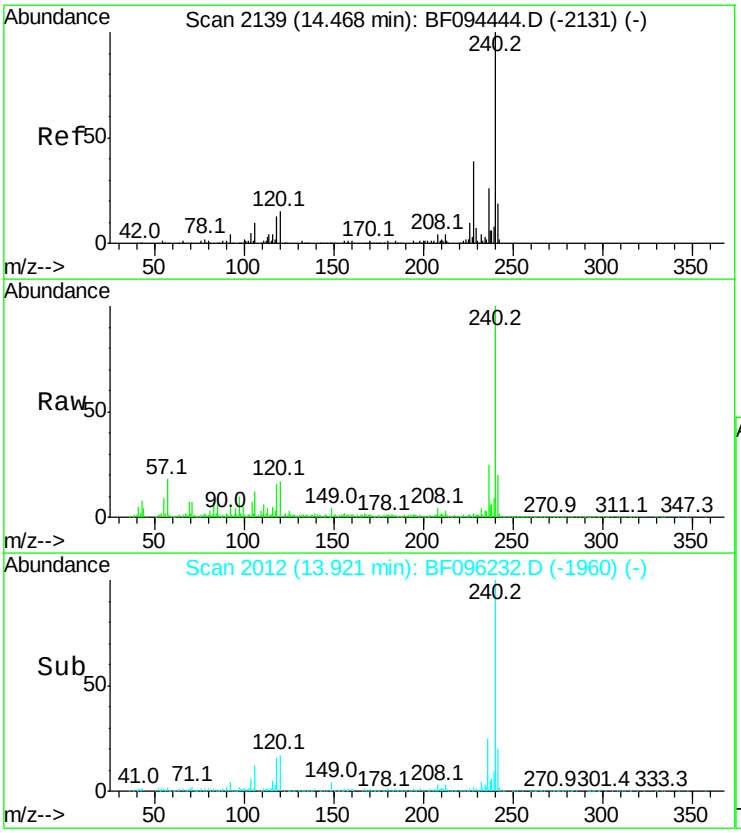
#70
Phenanthrene
Concen: Below Cal
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF096232.D
Acq: 27 Jun 2017 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 28757

Ion	Ratio	Lower	Upper
178	100		
176	16.4	16.2	24.4
179	14.9	12.6	19.0

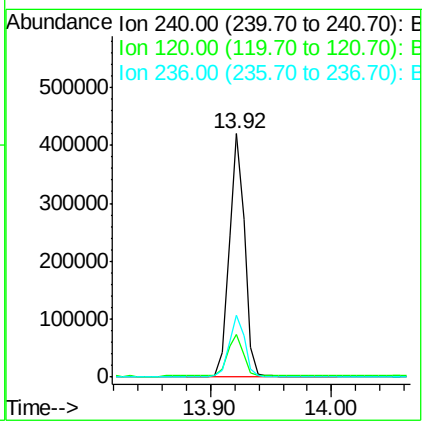


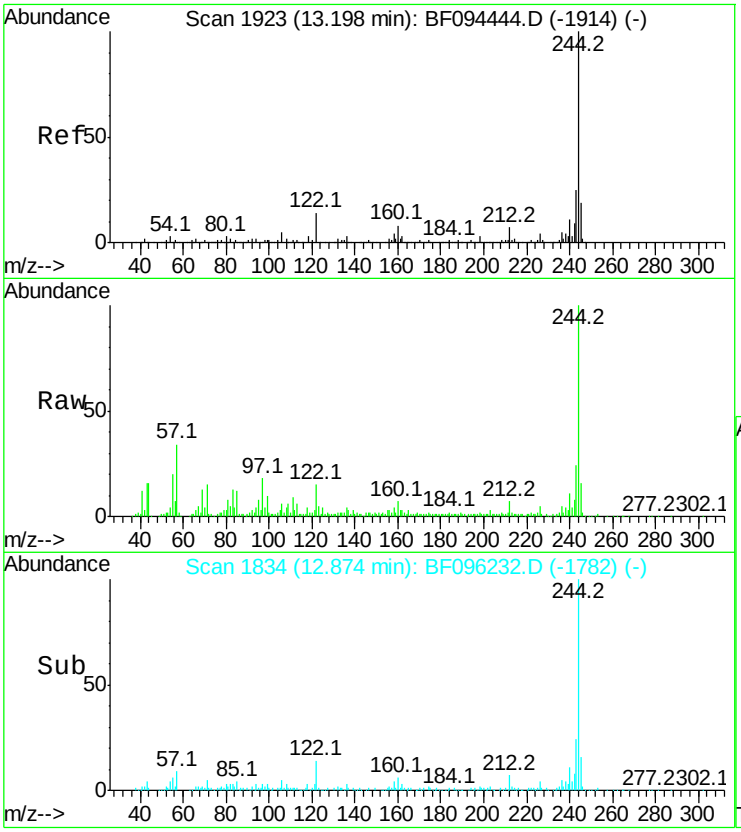


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BF096232.D
Acq: 27 Jun 2017 22:39

Tgt Ion:240 Resp: 372765

Ion	Ratio	Lower	Upper
240	100		
120	17.3	5.8	8.8#
236	25.4	20.5	30.7



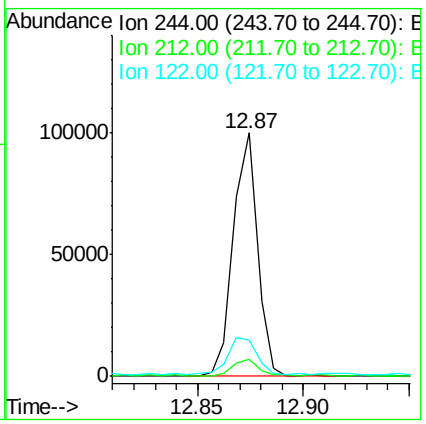


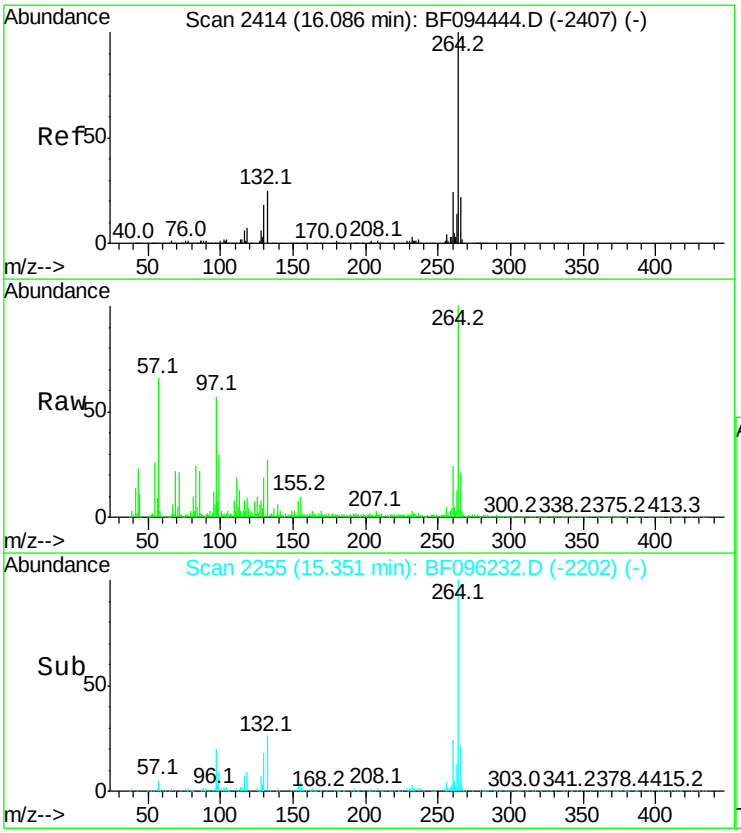
#78
Terphenyl-d14
Concen: 5.30 ng
RT: 12.87 min Scan# 1834
Delta R.T. 0.01 min
Lab File: BF096232.D
Acq: 27 Jun 2017 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 79106

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	15.1	10.3	15.5

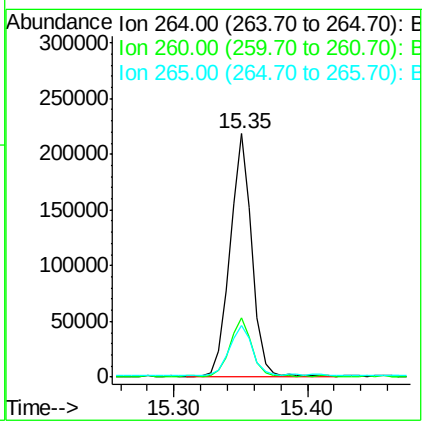


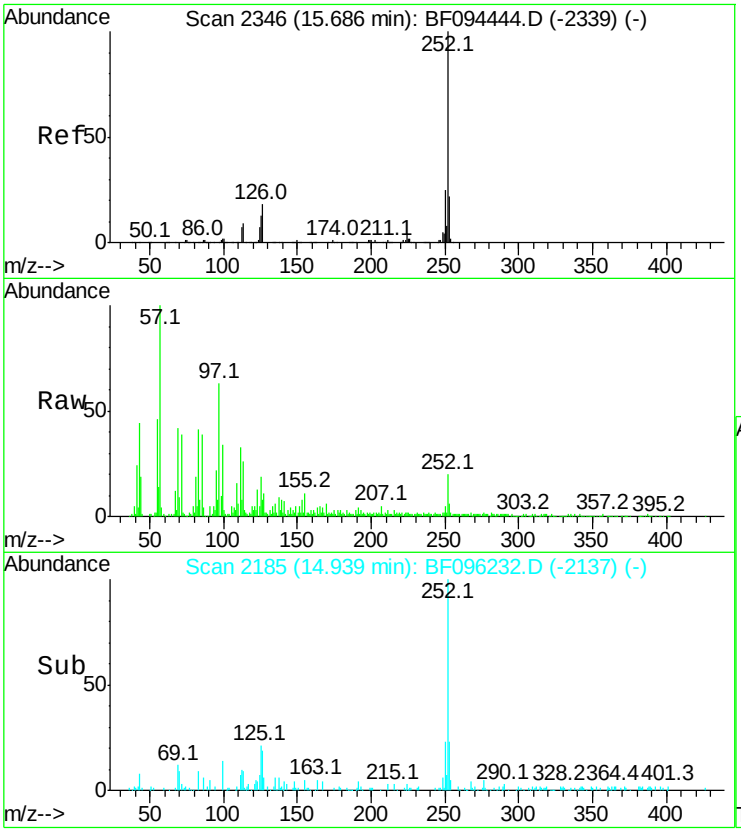


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF096232.D
Acq: 27 Jun 2017 22:39

Tgt Ion:264 Resp: 247774

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.4	17.2	25.8



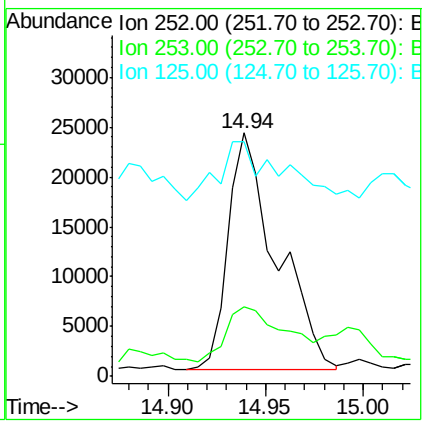


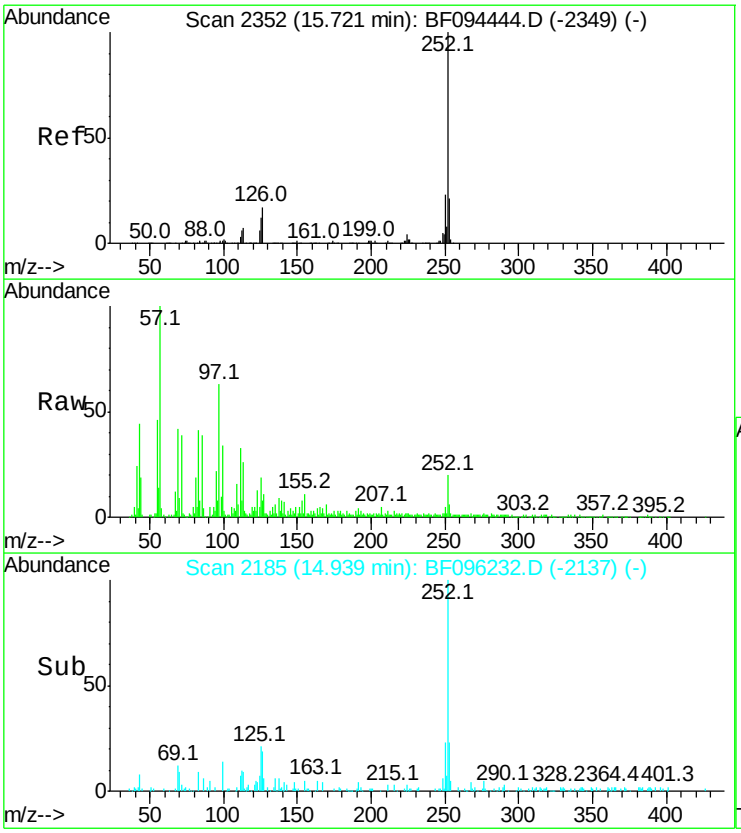
#87
Benzo(b)fluoranthene
Concen: 2.51 ng
RT: 14.94 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BF096232.D
Acq: 27 Jun 2017 22:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 40808

Ion	Ratio	Lower	Upper
252	100		
253	28.7	18.1	27.1#
125	96.2	9.8	14.8#





#88
Benzo(k)fluoranthene
Concen: 2.75 ng
RT: 14.94 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BF096232.D
Acq: 27 Jun 2017 22:39

Tgt Ion:252 Resp: 40808

Ion	Ratio	Lower	Upper
252	100		
253	28.7	18.4	27.6#
125	96.2	13.1	19.7#