Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063017\
Data File : BF096332.D
Acq On : 30 Jun 2017 12:51
Operator : SJ/MA
Sample : I3883-09 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G44-0-1.5

Quant Time: Jun 30 17:42:24 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 15:41:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	156081	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	641799	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	258609	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	362647	20.00	ng		0.00
75) Chrysene-d12	13.92	240	323011	20.00	ng		0.00
86) Perylene-d12	15.34	264	255105	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	154838	14.29	ng		0.00
7) Phenol-d6	6.39	99	238331	18.17	ng		0.00
23) Nitrobenzene-d5	7.32	82	127930	13.80	ng		-0.04
41) 2,4,6-Tribromophenol	10.59	330	11931	5.86	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	234075	16.58	ng		-0.02
78) Terphenyl-d14	12.87	244	147878	11.42	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.31	77	1456	Below Cal			85
25) Isophorone	7.32	82	127928	6.076	ng	#	67
32) Benzoic acid	7.74	122	2913	9.140	ng		90
50) 2,6-Dinitrotoluene	9.80	165	34022	8.838	ng	#	34
56) 2,4-Dinitrotoluene	9.80	165	34022	7.012	ng	#	33
57) Fluorene	10.35	166	1869	Below Cal		#	79
64) 4,6-Dinitro-2-methylphenol	10.63	198	107	8.796	ng	#	1
70) Phenanthrene	11.31	178	19917	Below Cal		#	96

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

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Acq On : 30 Jun 2017 12:51
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Misc :
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BNA_F
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G44-0-1.5

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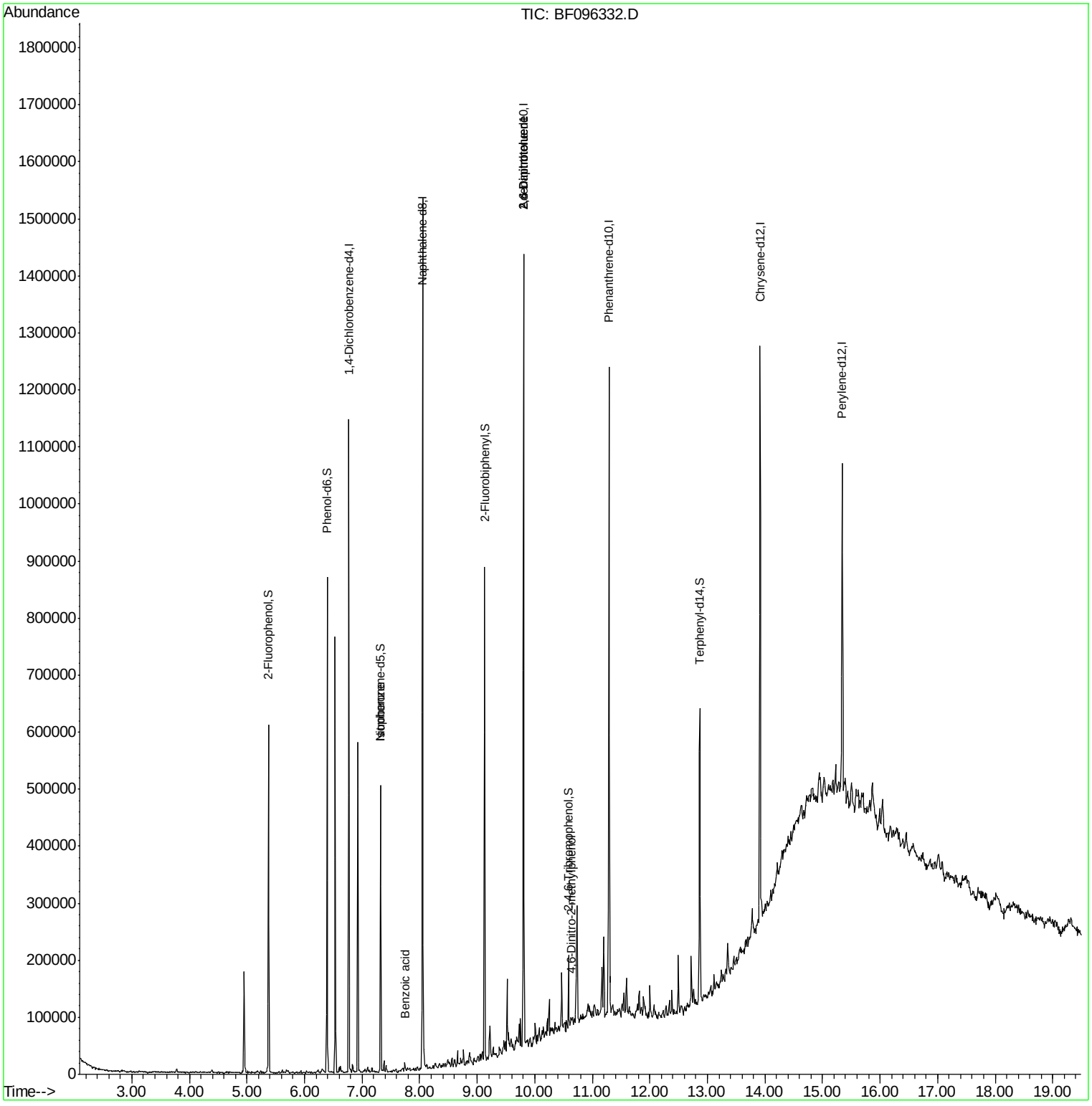
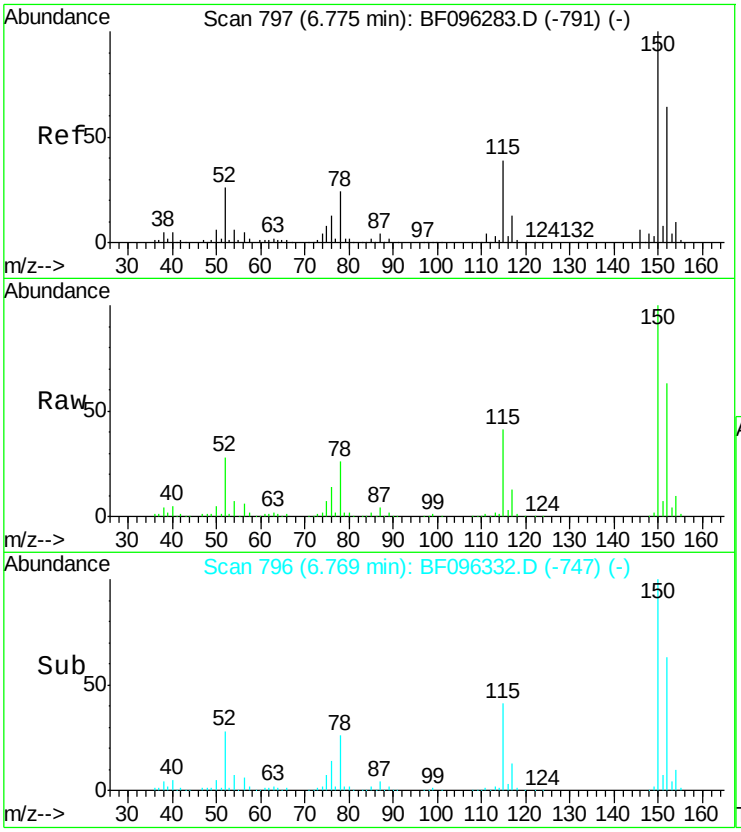


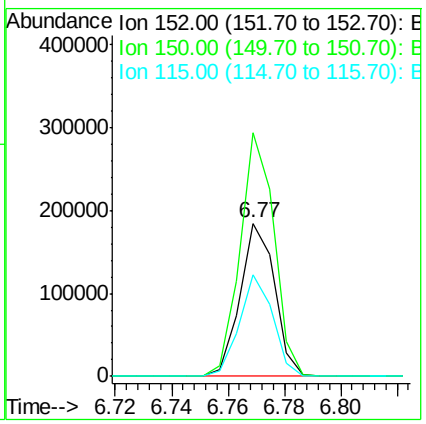


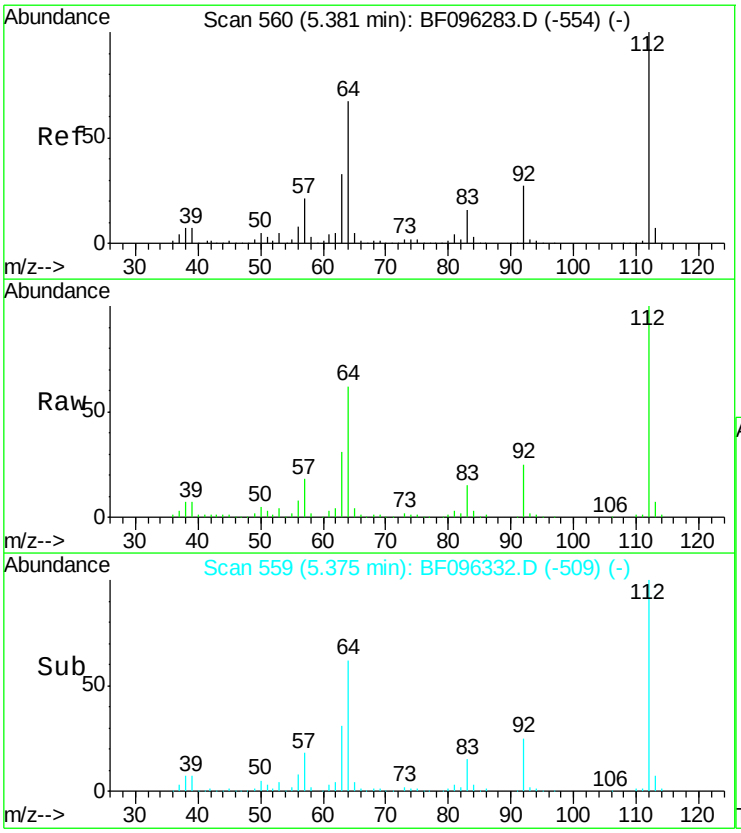
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF096332.D
Acq: 30 Jun 2017 12:51

Instrument :
BNA_F
ClientSampleId :
G44-0-1.5

Tgt Ion:152 Resp: 156081

Ion	Ratio	Lower	Upper
152	100		
150	159.0	126.2	189.2
115	65.9	52.2	78.2

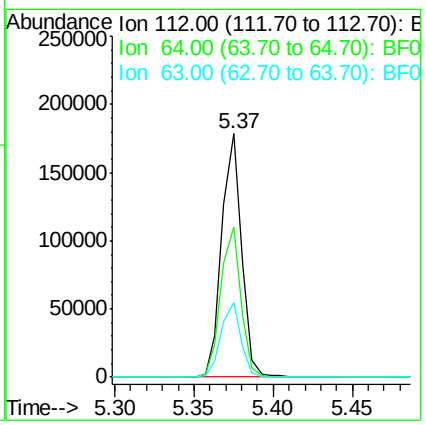


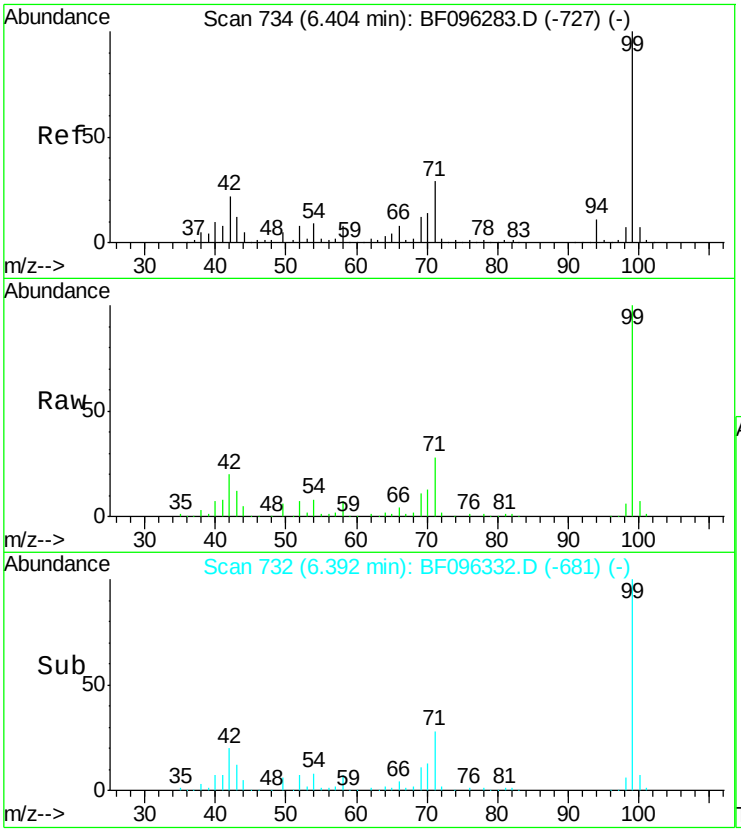


#5
2-Fluorophenol
Concen: 14.292 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF096332.D
Acq: 30 Jun 2017 12:51

Tgt Ion:112 Resp: 154838

Ion	Ratio	Lower	Upper
112	100		
64	61.9	46.0	69.0
63	30.6	23.4	35.0



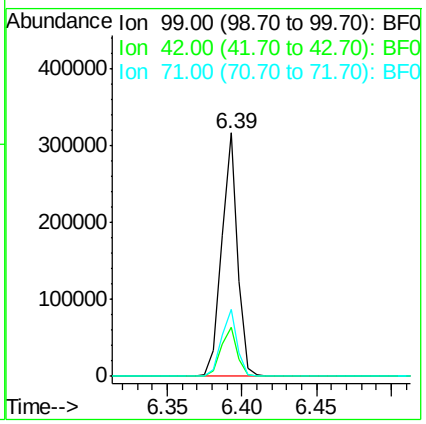


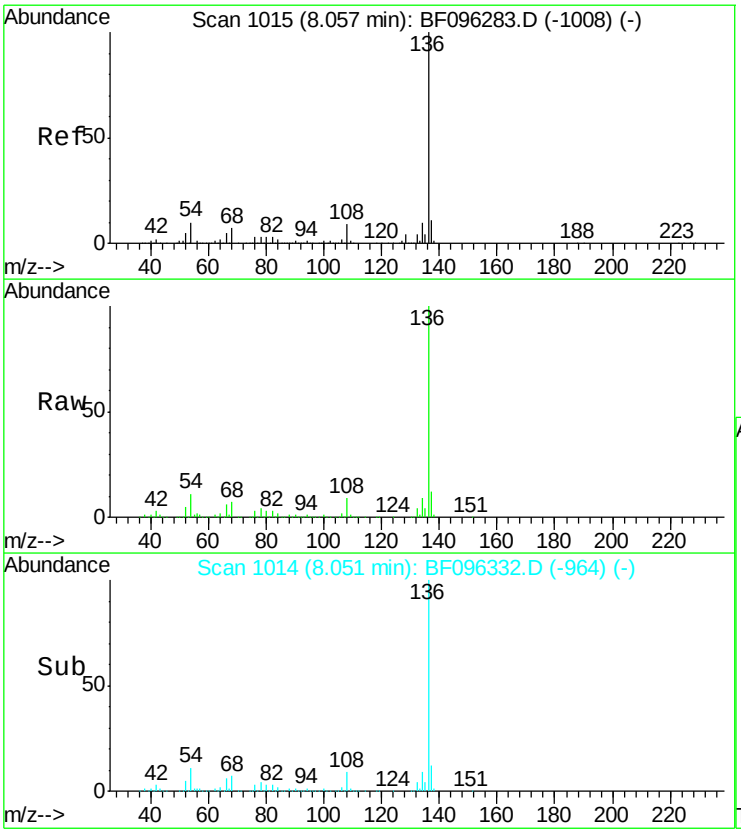
#7
Phenol-d6
Concen: 18.168 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF096332.D
Acq: 30 Jun 2017 12:51

Instrument :
BNA_F
ClientSampleId :
G44-0-1.5

Tgt Ion: 99 Resp: 238331

Ion	Ratio	Lower	Upper
99	100		
42	20.0	13.5	20.3
71	27.7	24.5	36.7

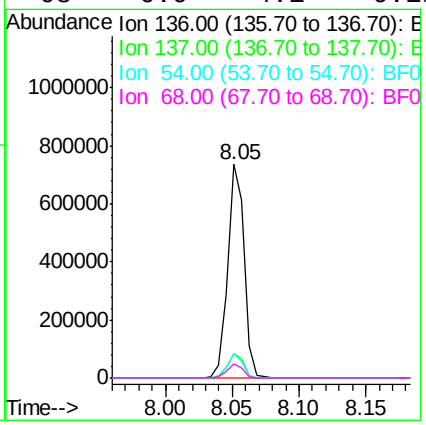


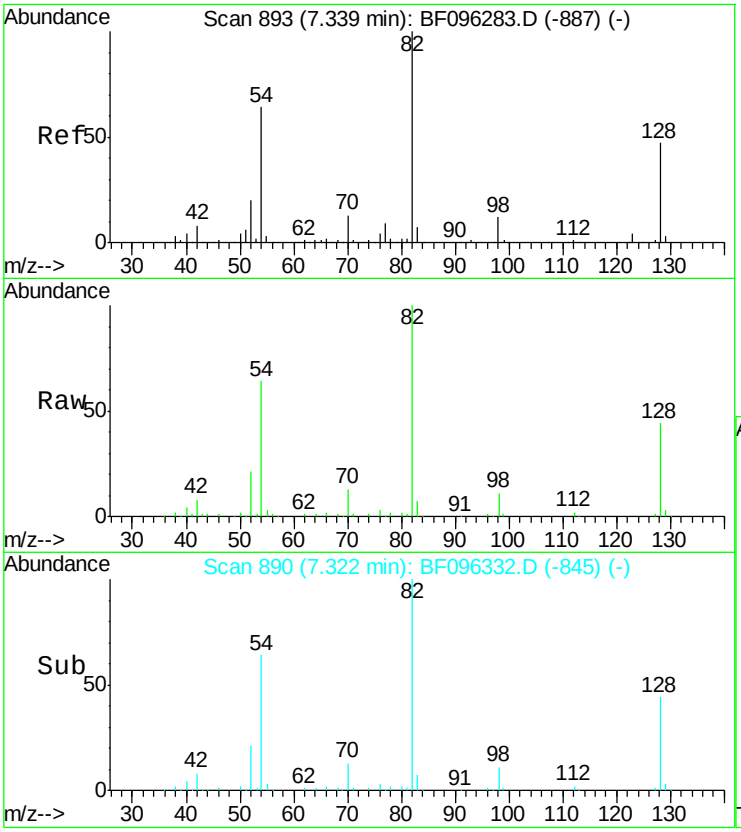


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF096332.D
Acq: 30 Jun 2017 12:51

Tgt Ion:136 Resp: 641799

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.5	12.7
54	11.4	4.9	7.3#
68	6.9	4.1	6.1#



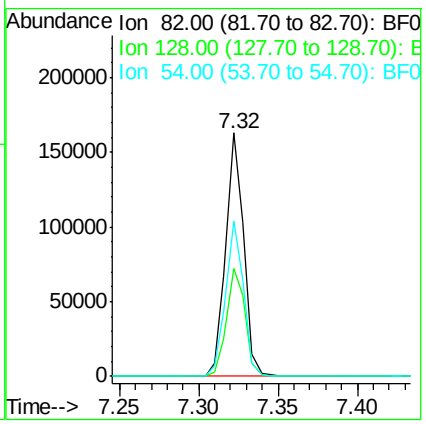


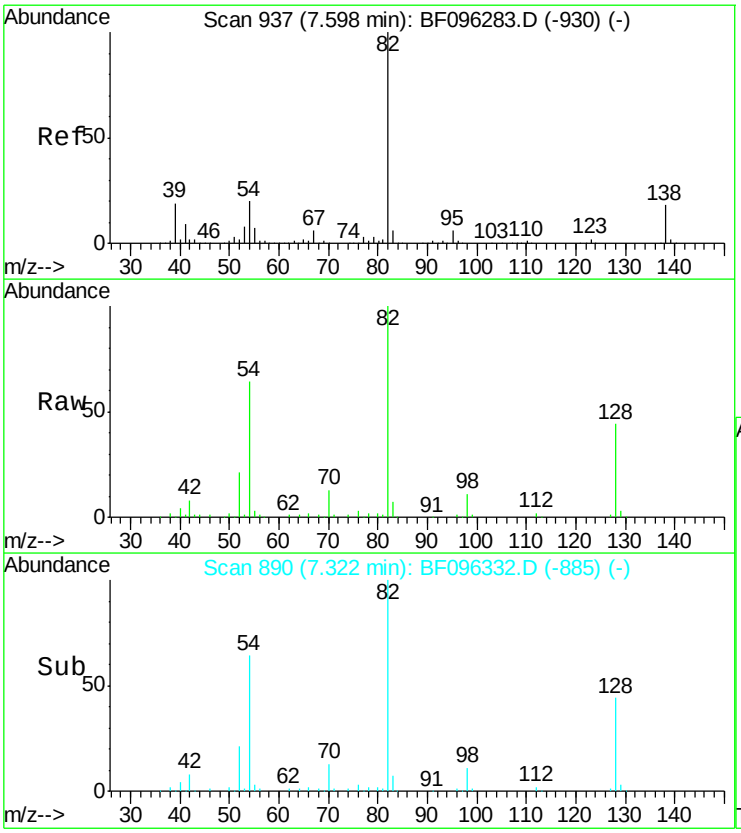
#23
Nitrobenzene-d5
Concen: 13.799 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.04 min
Lab File: BF096332.D
Acq: 30 Jun 2017 12:51

Instrument :
BNA_F
ClientSampleId :
G44-0-1.5

Tgt Ion: 82 Resp: 127930

Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.0	51.0
54	64.0	42.2	63.2#

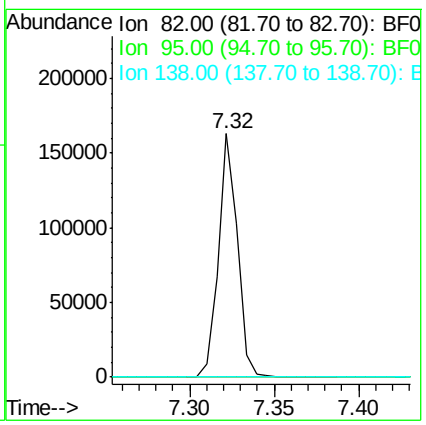


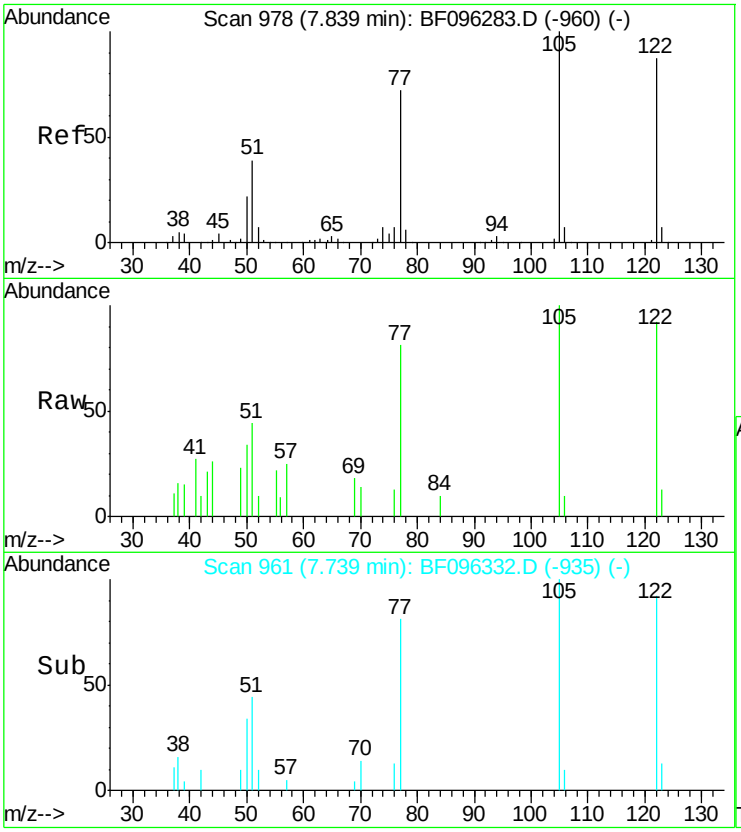


#25
Isophorone
Concen: 6.076 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.27 min
Lab File: BF096332.D
Acq: 30 Jun 2017 12:51

Tgt Ion: 82 Resp: 127928

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



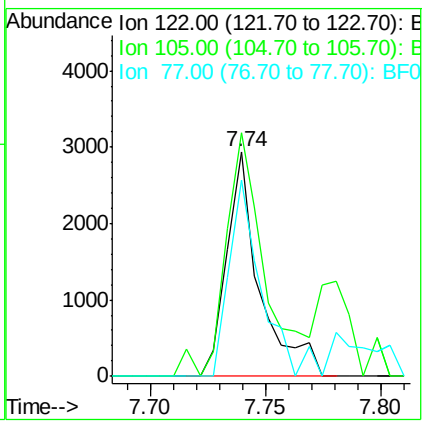


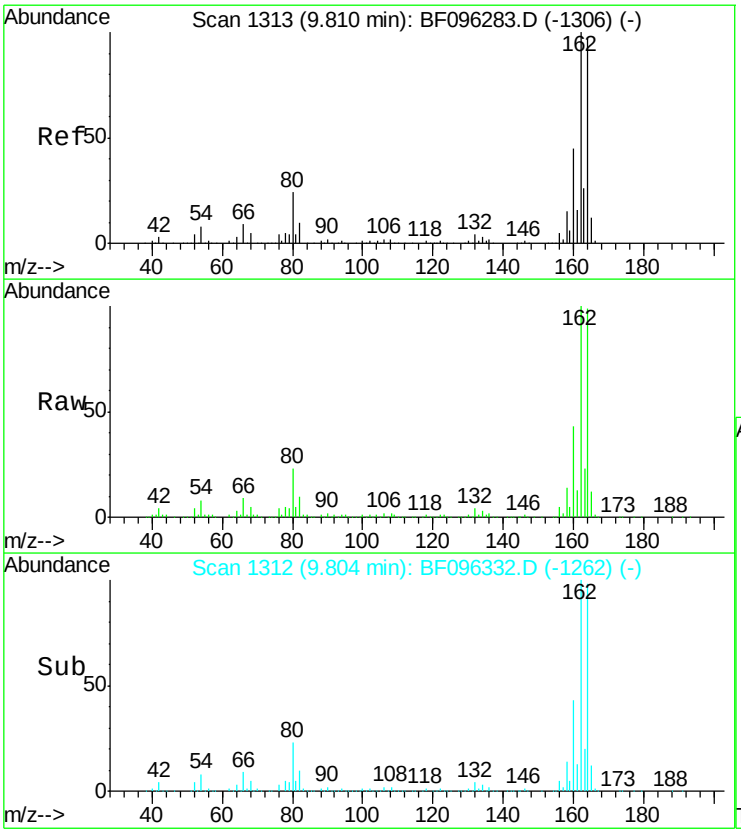
#32
Benzoic acid
Concen: 9.140 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.15 min
Lab File: BF096332.D
Acq: 30 Jun 2017 12:51

Instrument :
BNA_F
ClientSampleId :
G44-0-1.5

Tgt Ion:122 Resp: 2913

Ion	Ratio	Lower	Upper
122	100		
105	108.2	103.3	143.3
77	87.3	73.7	113.7

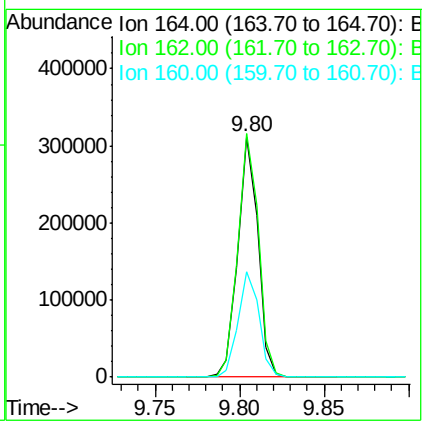


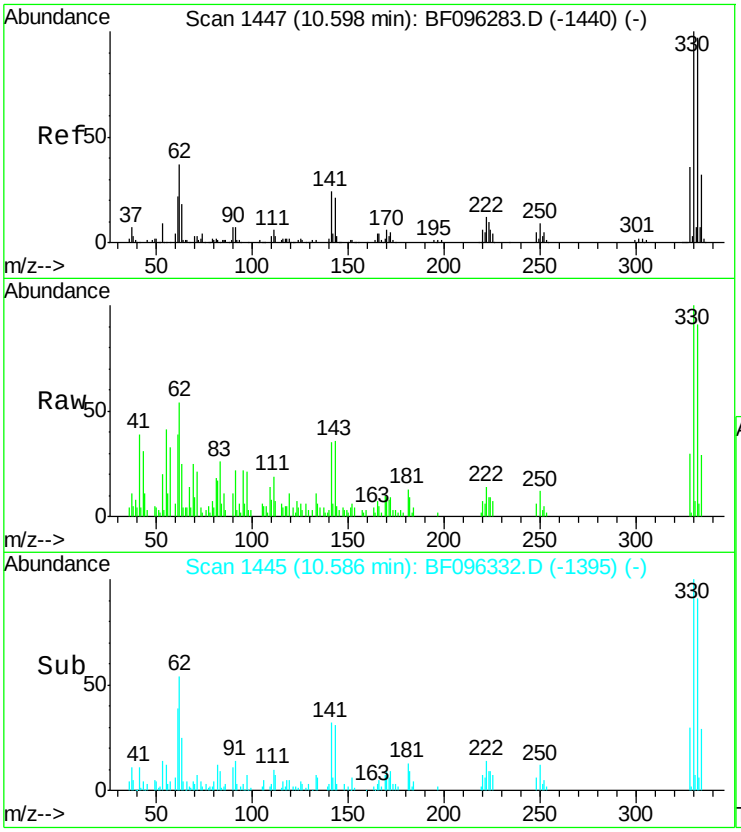


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF096332.D
Acq: 30 Jun 2017 12:51

Tgt Ion:164 Resp: 258609

Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.6	123.8
160	43.7	36.2	54.2



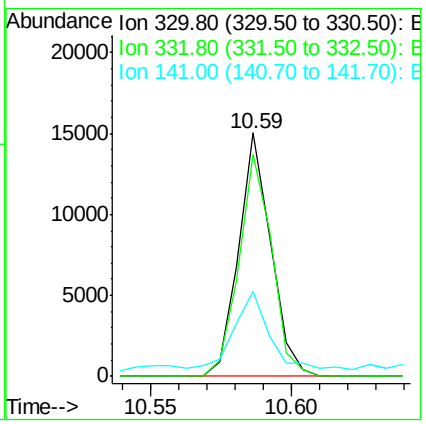


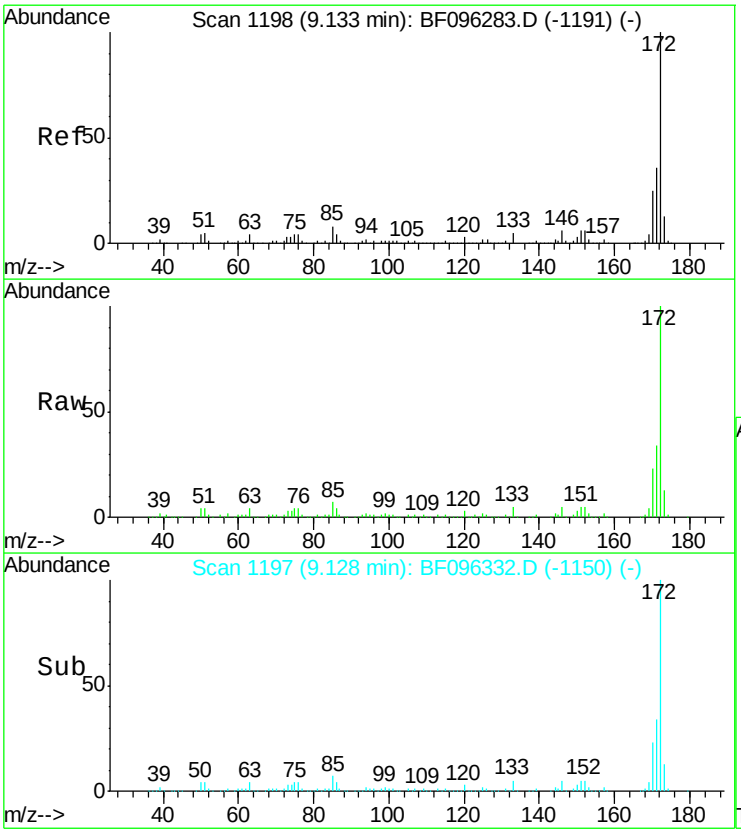
#41
2,4,6-Tribromophenol
Concen: 5.862 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF096332.D
Acq: 30 Jun 2017 12:51

Instrument :
BNA_F
ClientSampleId :
G44-0-1.5

Tgt Ion:330 Resp: 11931

Ion	Ratio	Lower	Upper
330	100		
332	92.8	76.6	115.0
141	38.5	31.4	47.2

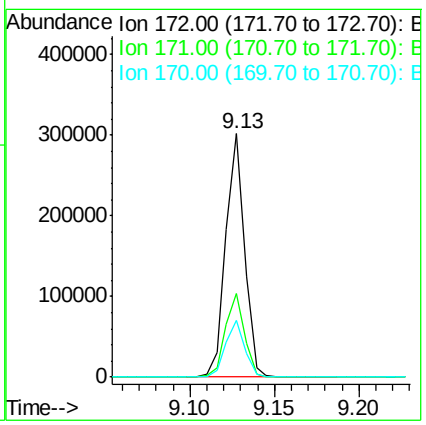


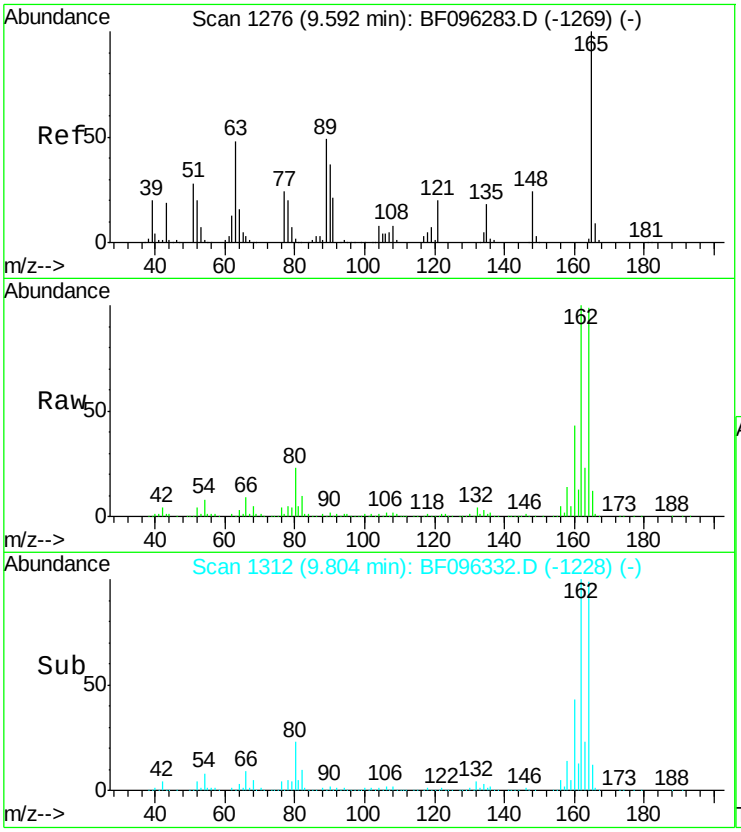


#44
2-Fluorobiphenyl
Concen: 16.576 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BF096332.D
Acq: 30 Jun 2017 12:51

Tgt Ion:172 Resp: 234075

Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.6	44.4
170	23.1	19.8	29.8



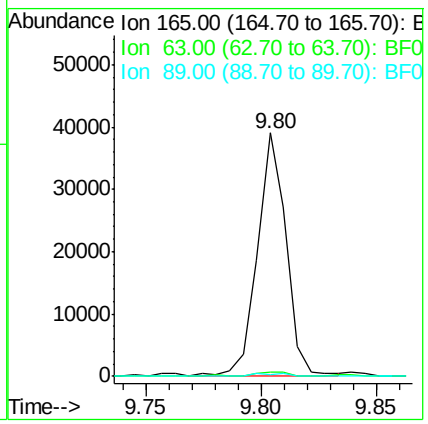


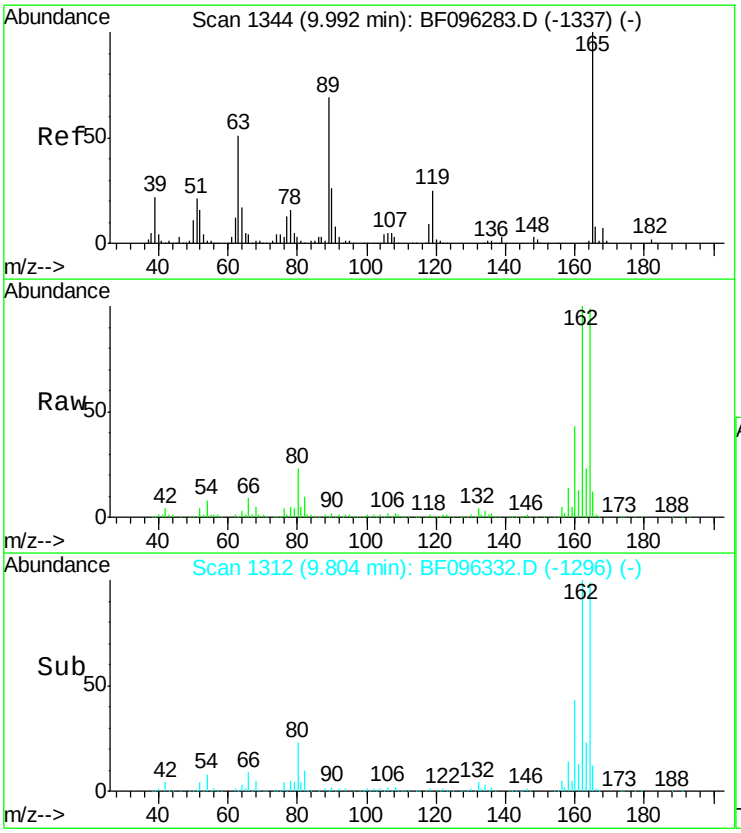
#50
2,6-Dinitrotoluene
Concen: 8.838 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.19 min
Lab File: BF096332.D
Acq: 30 Jun 2017 12:51

Instrument :
BNA_F
ClientSampleId :
G44-0-1.5

Tgt Ion:165 Resp: 34022

Ion	Ratio	Lower	Upper
165	100		
63	2.0	34.3	51.5#
89	0.8	37.1	55.7#

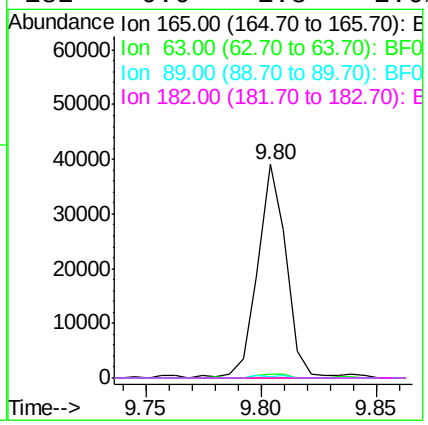


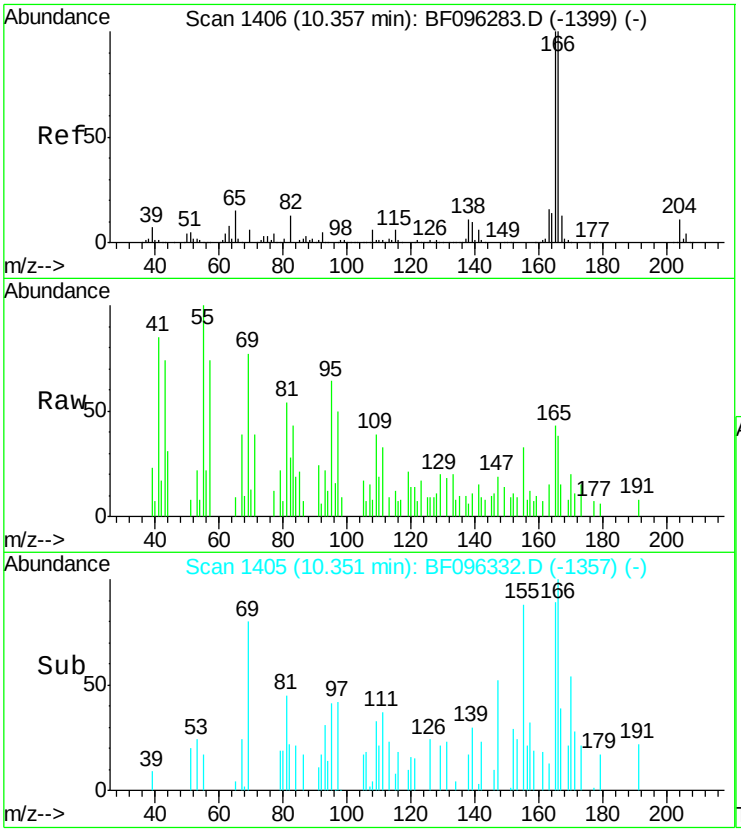


#56
2,4-Dinitrotoluene
Concen: 7.012 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.21 min
Lab File: BF096332.D
Acq: 30 Jun 2017 12:51

Tgt Ion:165 Resp: 34022

Ion	Ratio	Lower	Upper
165	100		
63	2.0	25.4	38.0#
89	0.8	46.4	69.6#
182	0.0	1.8	2.6#



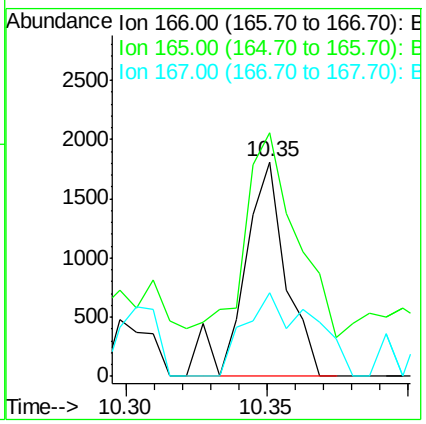


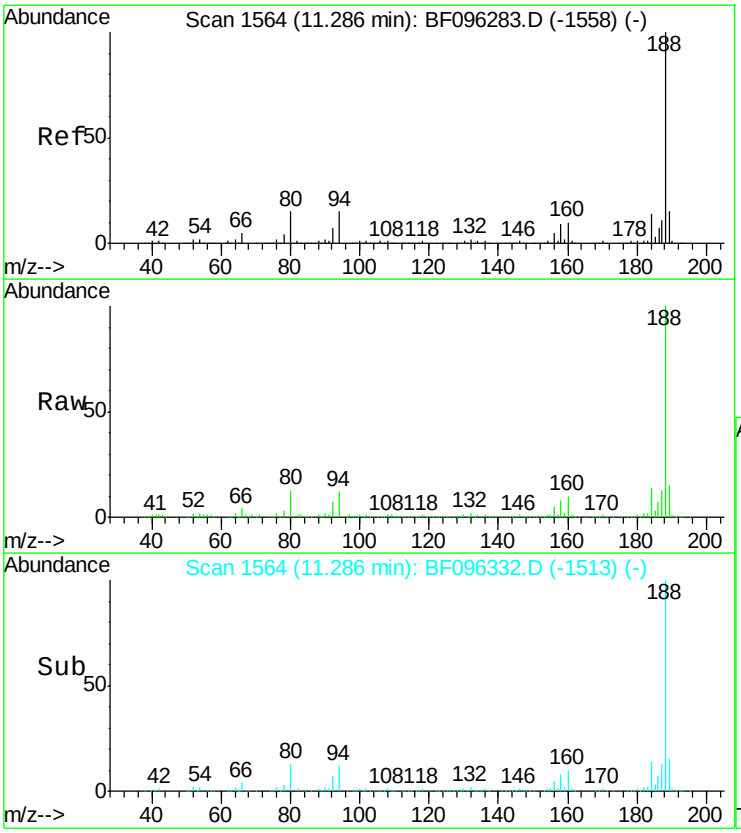
#57
Fluorene
Concen: Below Cal
RT: 10.35 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BF096332.D
Acq: 30 Jun 2017 12:51

Instrument :
BNA_F
ClientSampleId :
G44-0-1.5

Tgt Ion:166 Resp: 1869

Ion	Ratio	Lower	Upper
166	100		
165	113.7	78.8	118.2
167	39.2	10.6	16.0#

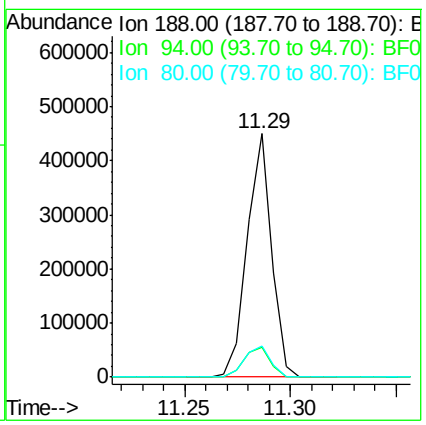


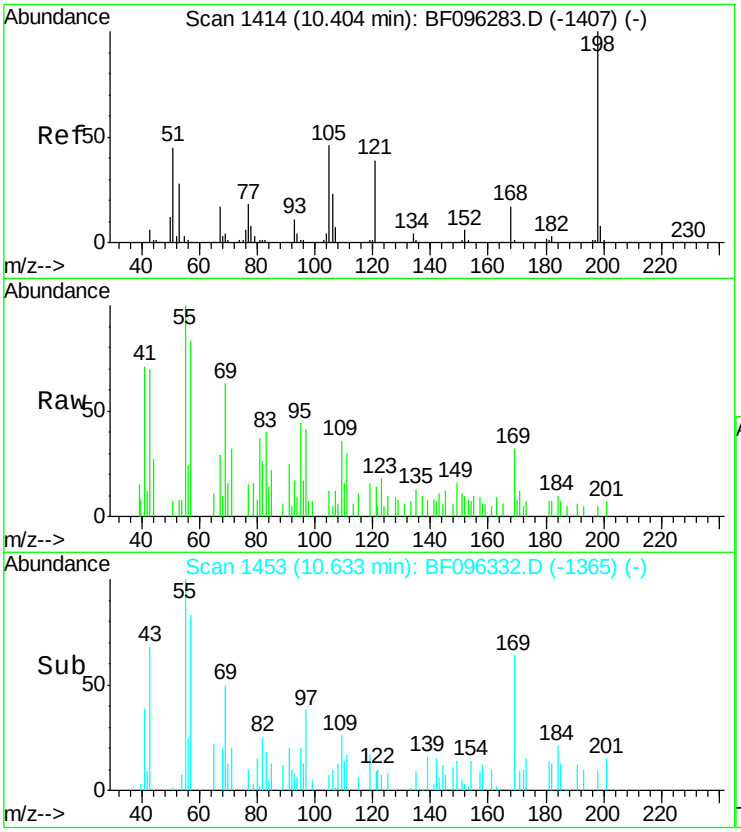


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BF096332.D
Acq: 30 Jun 2017 12:51

Tgt Ion:188 Resp: 362647

Ion	Ratio	Lower	Upper
188	100		
94	12.2	9.4	14.2
80	12.8	10.2	15.2



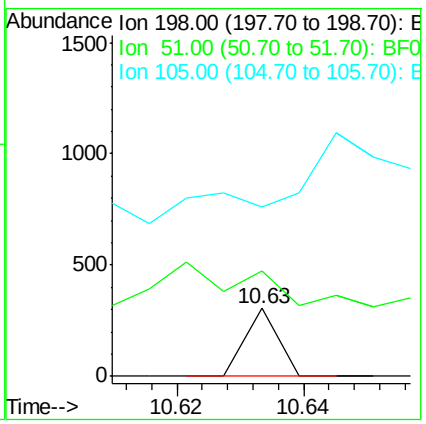


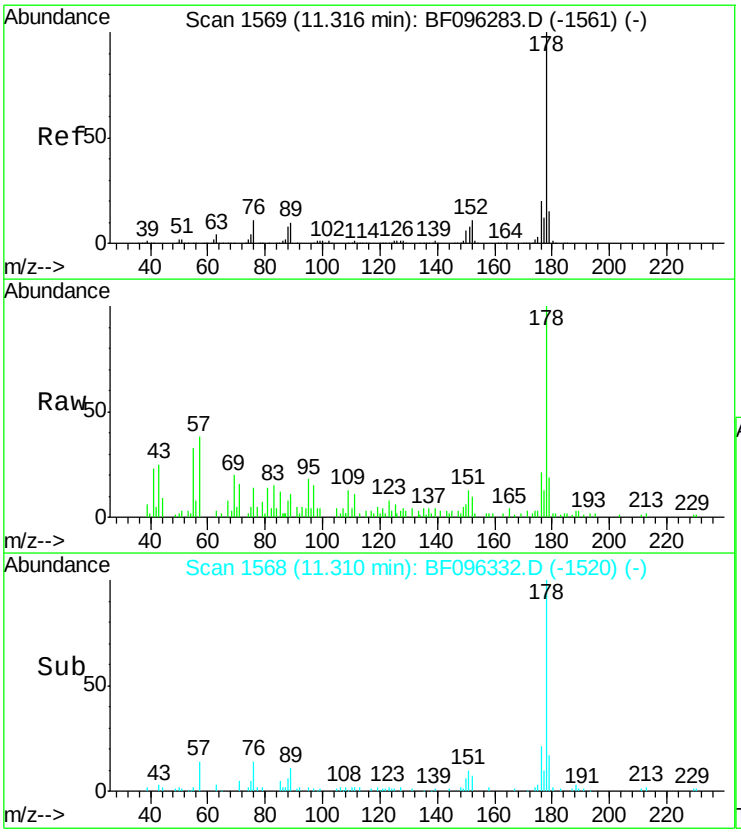
#64
4,6-Dinitro-2-methylphenol
Concen: 8.796 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.22 min
Lab File: BF096332.D
Acq: 30 Jun 2017 12:51

Instrument :
BNA_F
ClientSampleId :
G44-0-1.5

Tgt Ion:198 Resp: 107

Ion	Ratio	Lower	Upper
198	100		
51	155.6	53.2	93.2#
105	251.0	45.8	85.8#

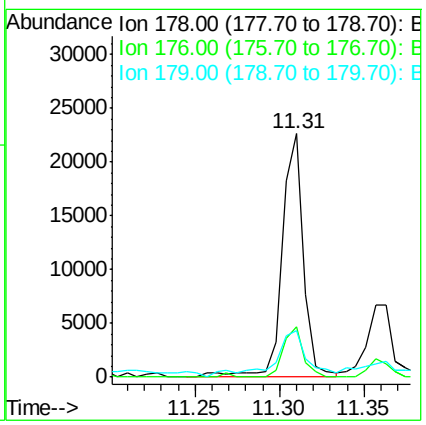


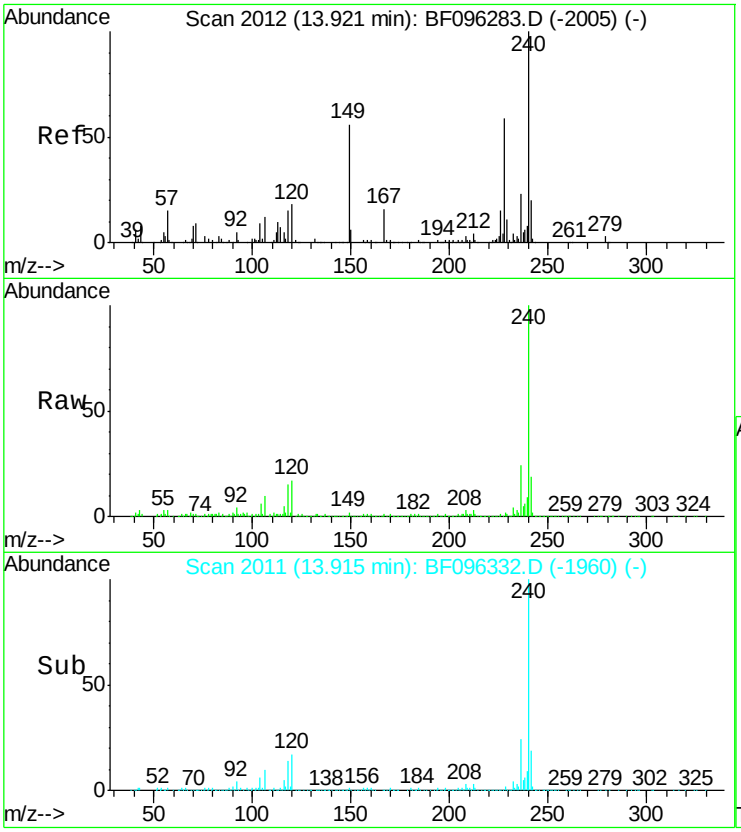


#70
Phenanthrene
Concen: Below Cal
RT: 11.31 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF096332.D
Acq: 30 Jun 2017 12:51

Tgt Ion:178 Resp: 19917

Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.2	24.4
179	19.2	12.6	19.0#



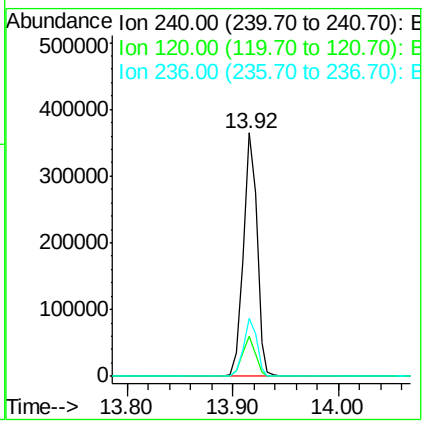


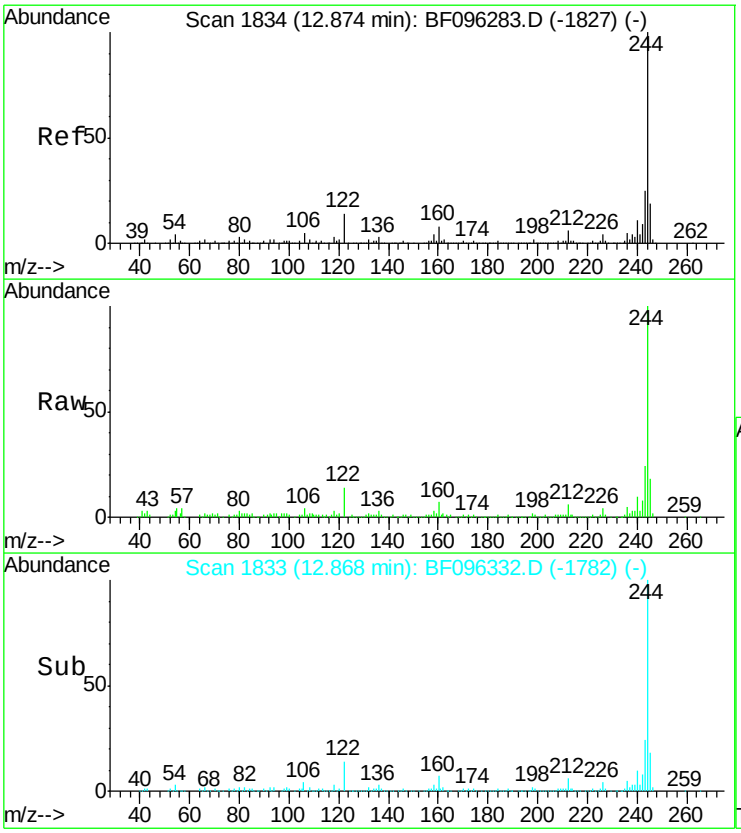
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BF096332.D
Acq: 30 Jun 2017 12:51

Instrument :
BNA_F
ClientSampleId :
G44-0-1.5

Tgt Ion:240 Resp: 323011

Ion	Ratio	Lower	Upper
240	100		
120	16.7	5.8	8.8#
236	23.7	20.5	30.7

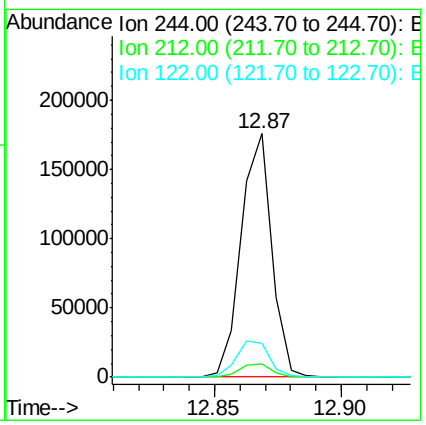


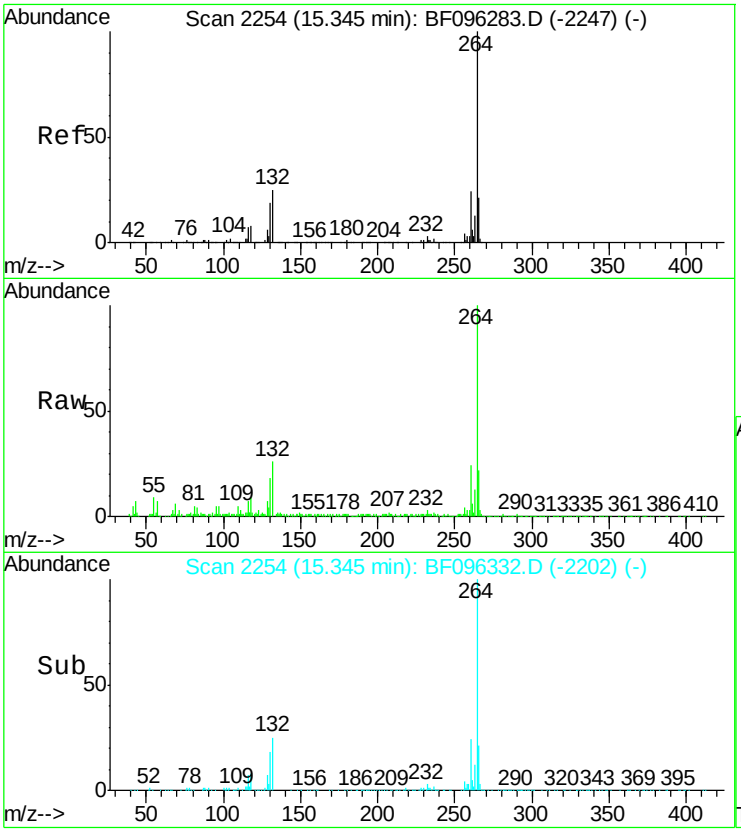


#78
Terphenyl-d14
Concen: 11.424 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BF096332.D
Acq: 30 Jun 2017 12:51

Tgt Ion:244 Resp: 147878

Ion	Ratio	Lower	Upper
244	100		
212	5.6	6.0	9.0#
122	13.9	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.01 min
Lab File: BF096332.D
Acq: 30 Jun 2017 12:51

Instrument :
BNA_F
ClientSampleId :
G44-0-1.5

Tgt Ion:264 Resp: 255105

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.6	17.2	25.8