Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096492.D
Acq On : 5 Jul 2017 19:00
Operator : SJ/MA
Sample : I4052-04 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 06 01:41:38 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 13:27:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	119404	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	487764	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	201523	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	282431	20.00	ng		0.00
75) Chrysene-d12	13.86	240	214577	20.00	ng		-0.01
86) Perylene-d12	15.27	264	183720	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	189452	23.42	ng		0.00
7) Phenol-d6	6.34	99	225973	22.72	ng		-0.02
23) Nitrobenzene-d5	7.26	82	123318	15.19	ng		-0.02
41) 2,4,6-Tribromophenol	10.53	330	32267	20.50	ng		-0.01
44) 2-Fluorobiphenyl	9.07	172	251379	21.33	ng		-0.01
78) Terphenyl-d14	12.81	244	133779	13.32	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	15425	2.60	ng	#	83
25) Isophorone	7.26	82	123176	7.83	ng	#	67
50) 2,6-Dinitrotoluene	9.75	165	25671	7.72	ng	#	34
56) 2,4-Dinitrotoluene	9.75	165	25671	6.09	ng	#	33
70) Phenanthrene	11.25	178	57592	3.77	ng		97
74) Fluoranthene	12.43	202	47883	3.20	ng		97
77) Pyrene	12.66	202	49413	2.87	ng		98
87) Benzo(b)fluoranthene	14.87	252	24733	2.15	ng	#	93
88) Benzo(k)fluoranthene	14.87	252	24733	2.40	ng		98

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

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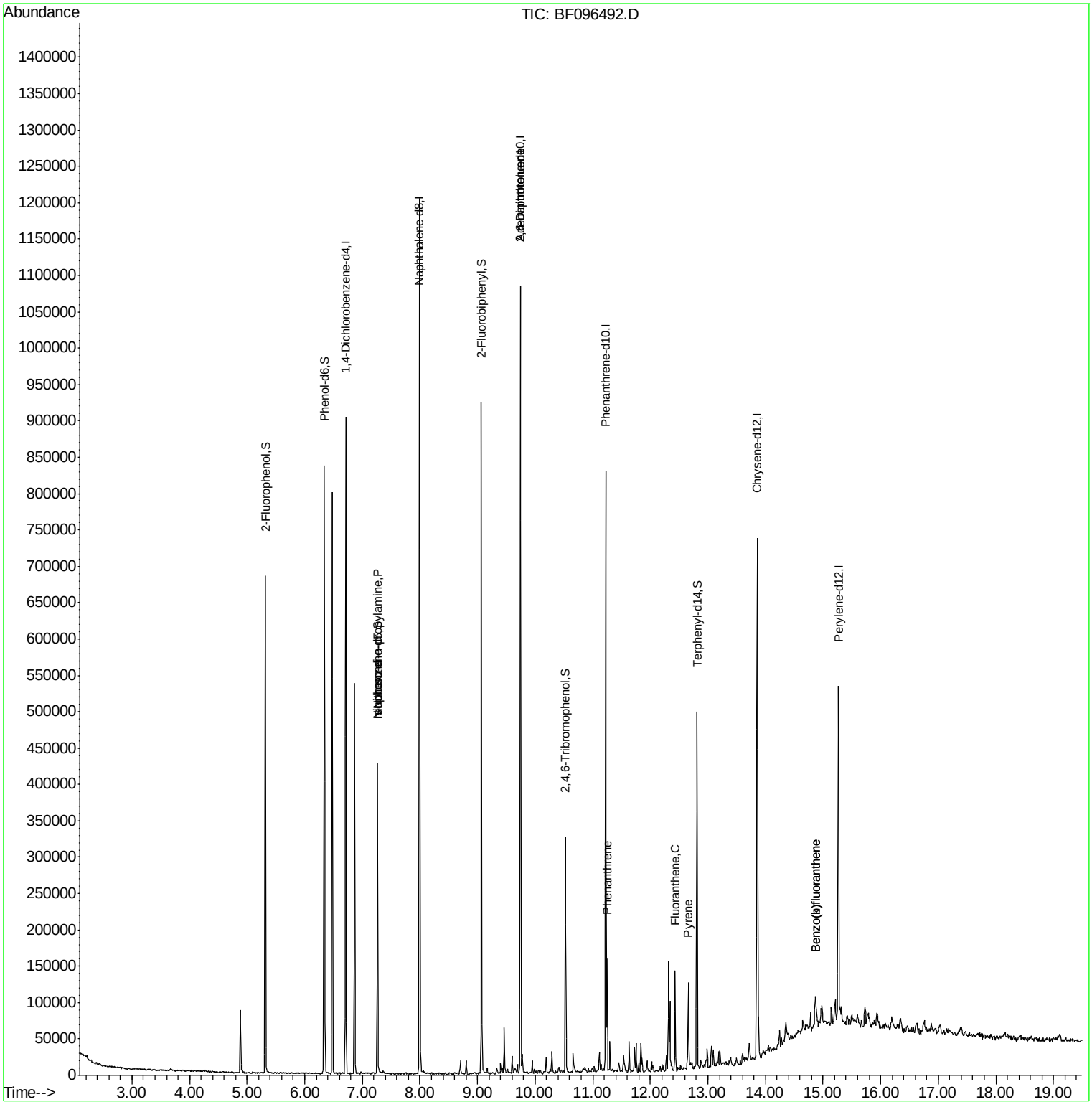
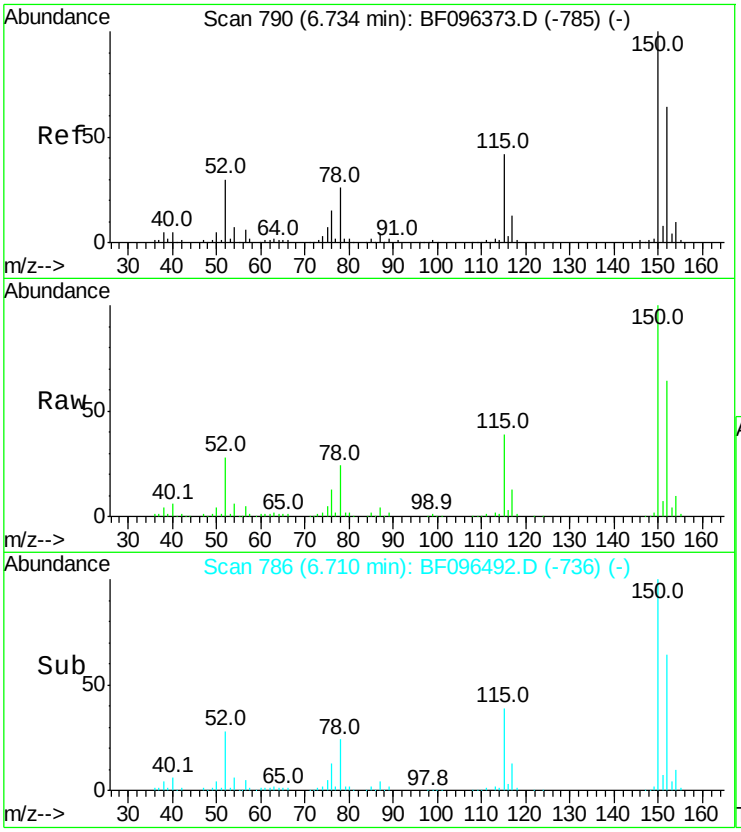


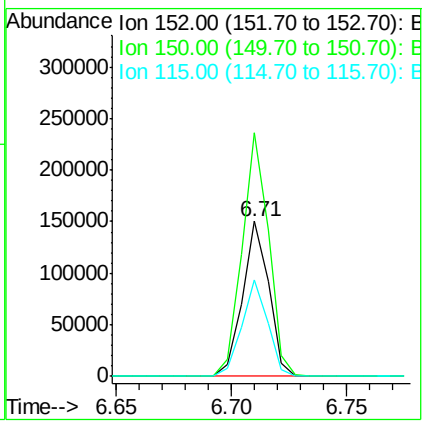


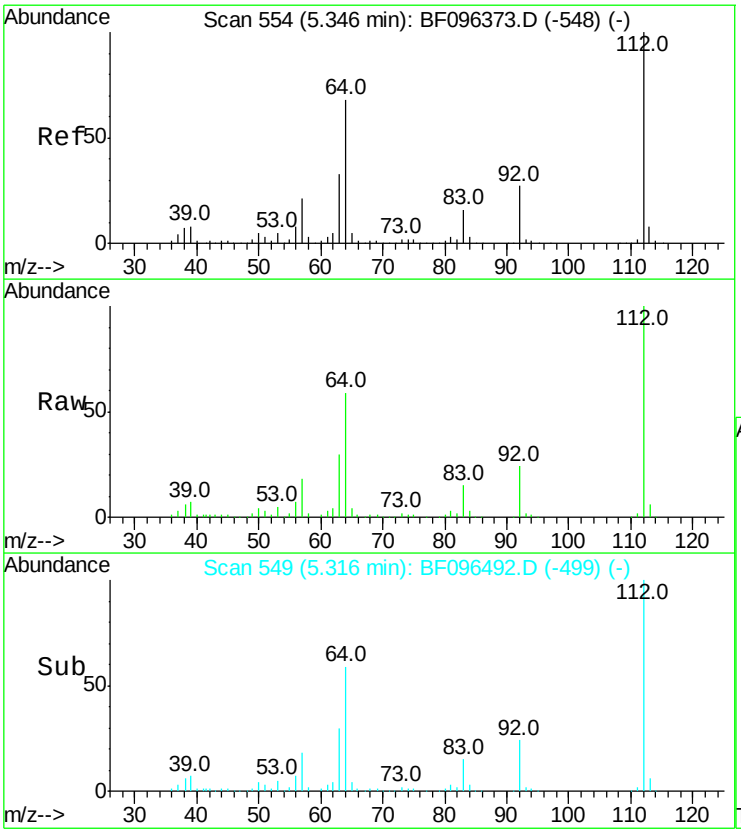
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF096492.D
Acq: 5 Jul 2017 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 119404

Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.2	189.2
115	61.8	52.2	78.2

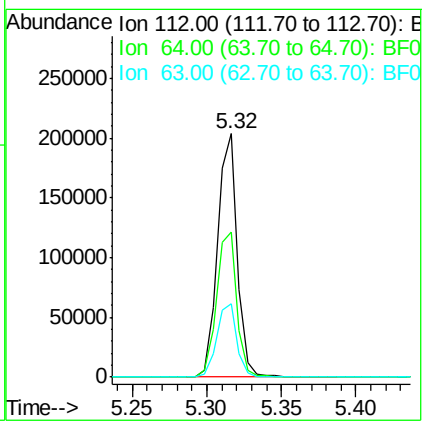


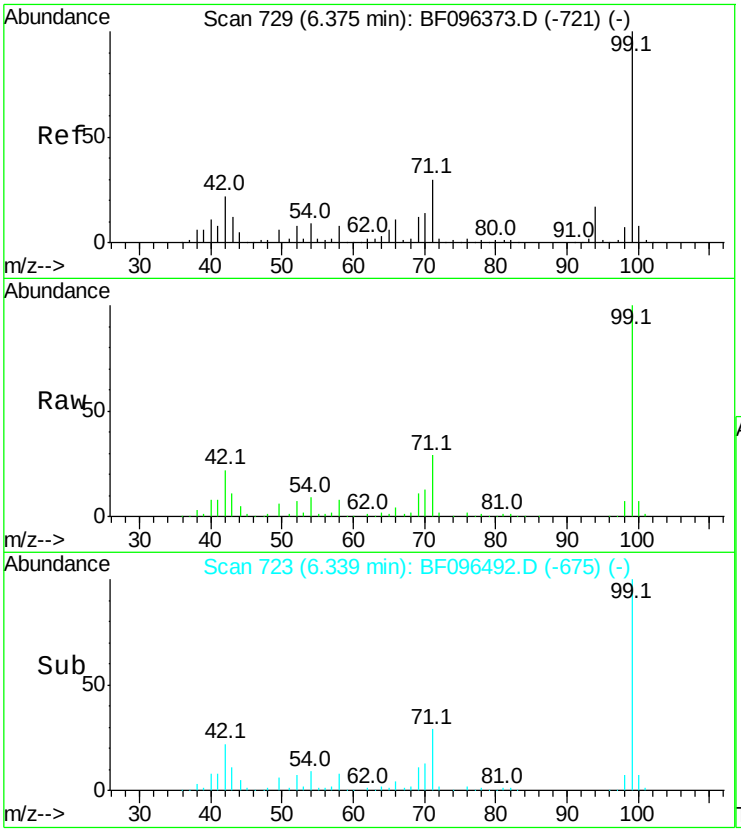


#5
2-Fluorophenol
Concen: 23.42 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF096492.D
Acq: 5 Jul 2017 19:00

Tgt Ion:112 Resp: 189452

Ion	Ratio	Lower	Upper
112	100		
64	59.5	46.0	69.0
63	30.3	23.4	35.0



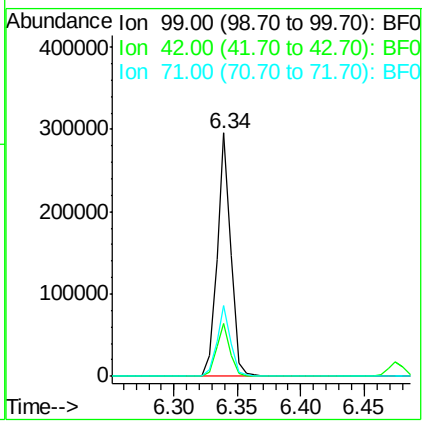


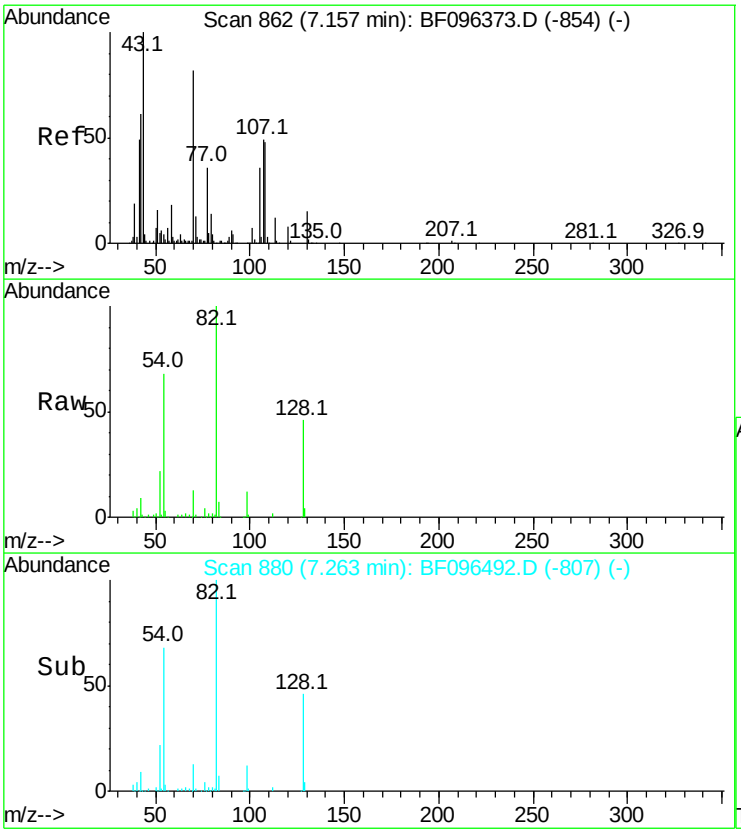
#7
Phenol-d6
Concen: 22.72 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF096492.D
Acq: 5 Jul 2017 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 225973

Ion	Ratio	Lower	Upper
99	100		
42	21.9	13.5	20.3#
71	29.2	24.5	36.7

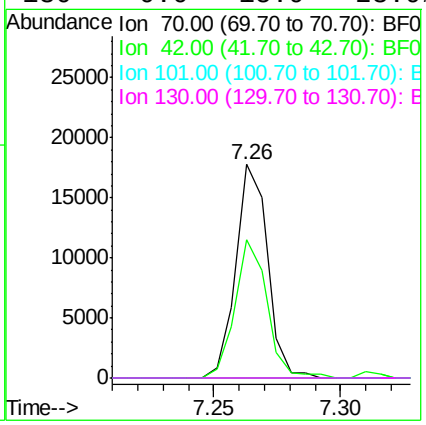


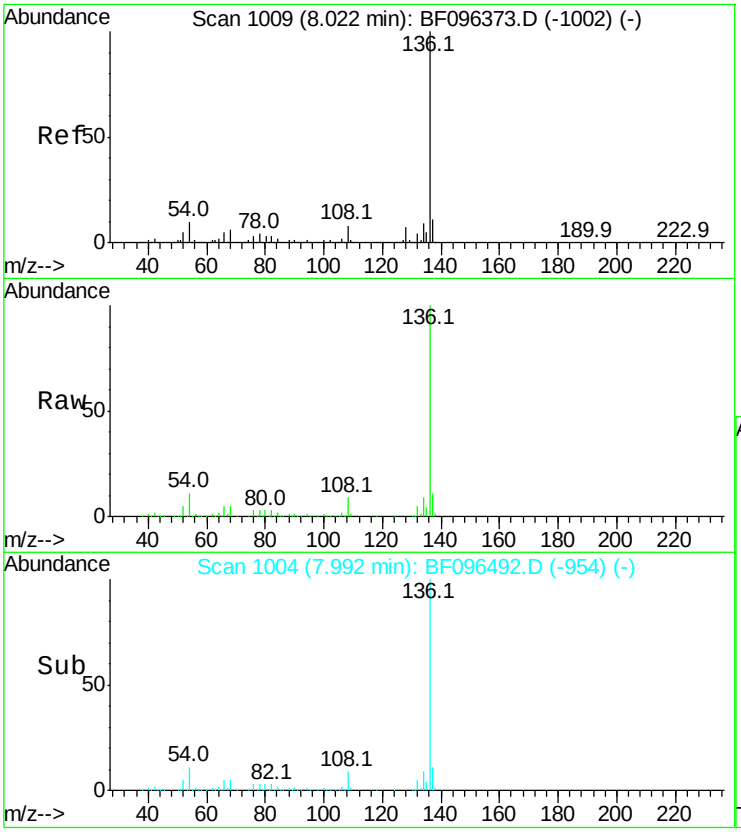


#19
n-Nitroso-di-n-propylamine
Concen: 2.60 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF096492.D
Acq: 5 Jul 2017 19:00

Tgt Ion: 70 Resp: 15425

Ion	Ratio	Lower	Upper
70	100		
42	64.5	47.2	70.8
101	0.0	7.2	10.8#
130	0.0	15.9	23.9#



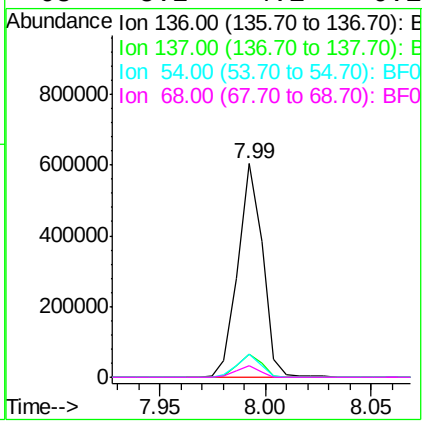


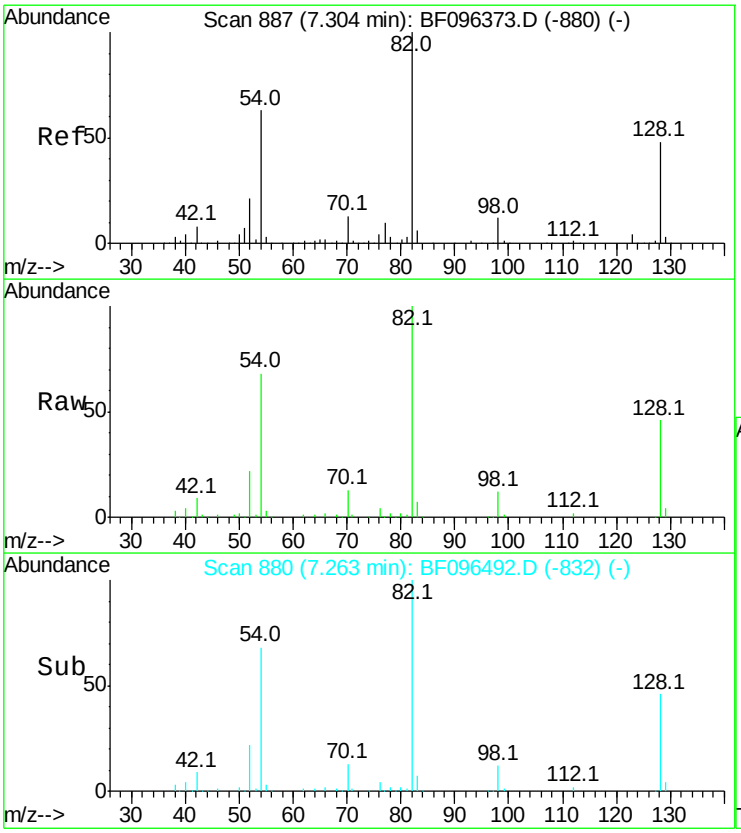
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF096492.D
Acq: 5 Jul 2017 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 487764

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.6	4.9	7.3#
68	5.2	4.1	6.1

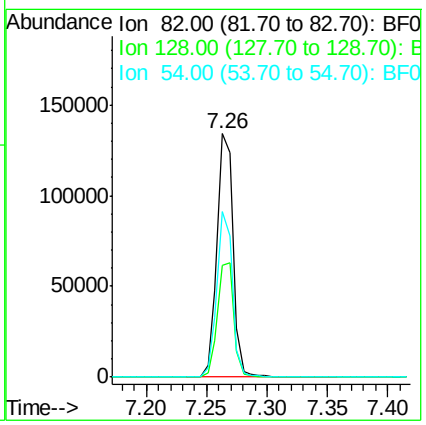


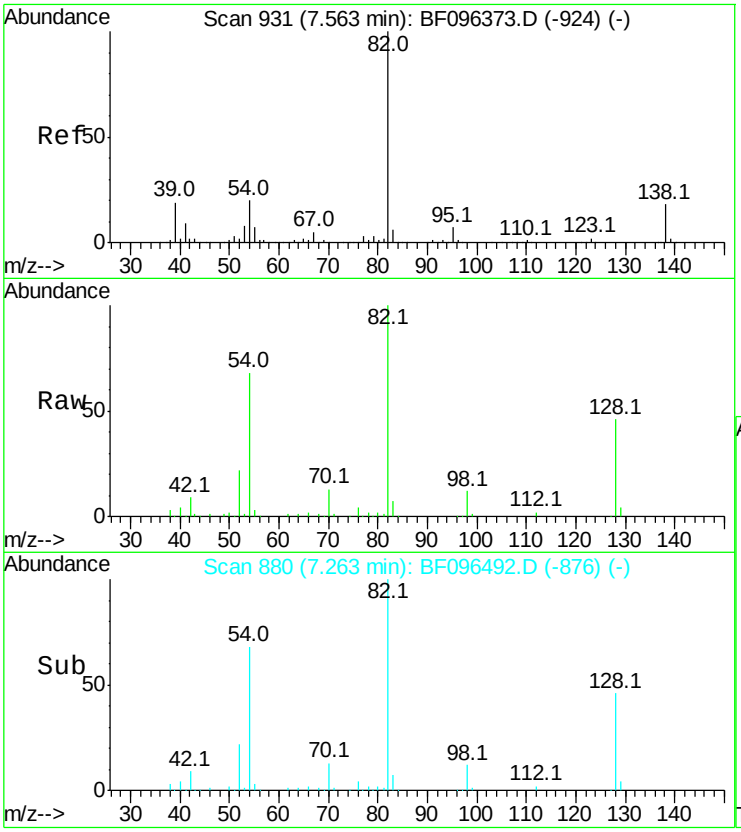


#23
Nitrobenzene-d5
Concen: 15.19 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF096492.D
Acq: 5 Jul 2017 19:00

Tgt Ion: 82 Resp: 123318

Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.0	51.0
54	67.9	42.2	63.2#



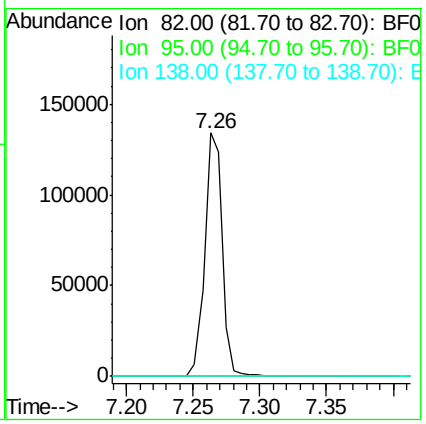


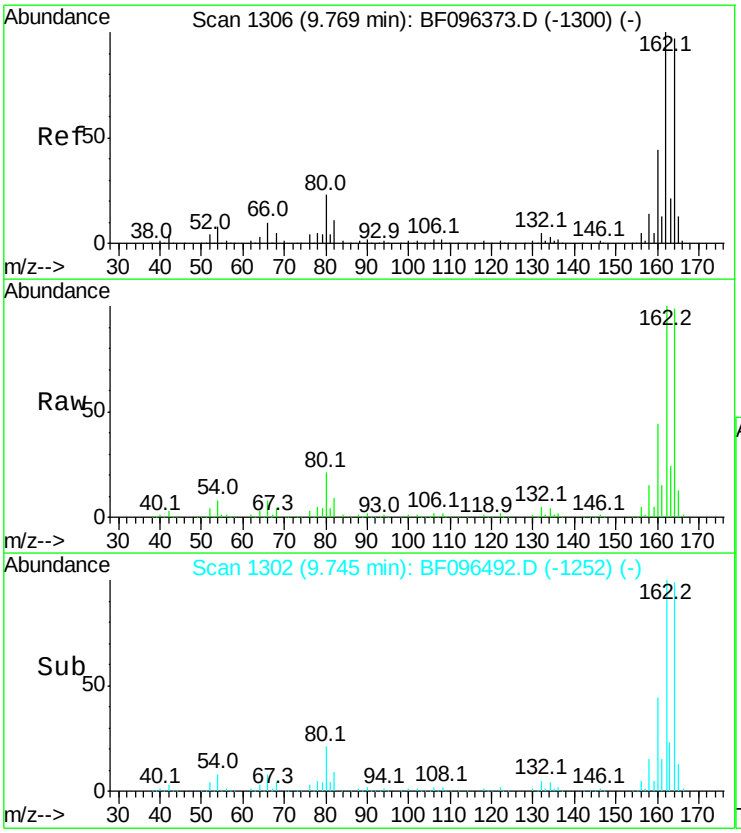
#25
Isophorone
Concen: 7.83 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF096492.D
Acq: 5 Jul 2017 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 123176

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

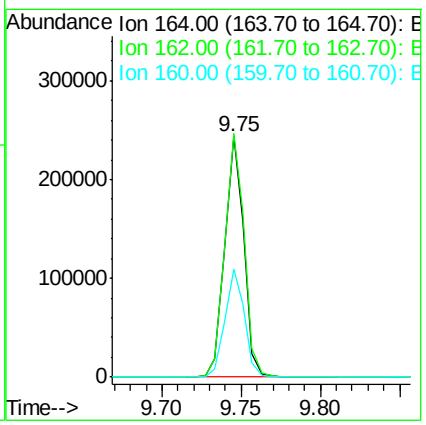


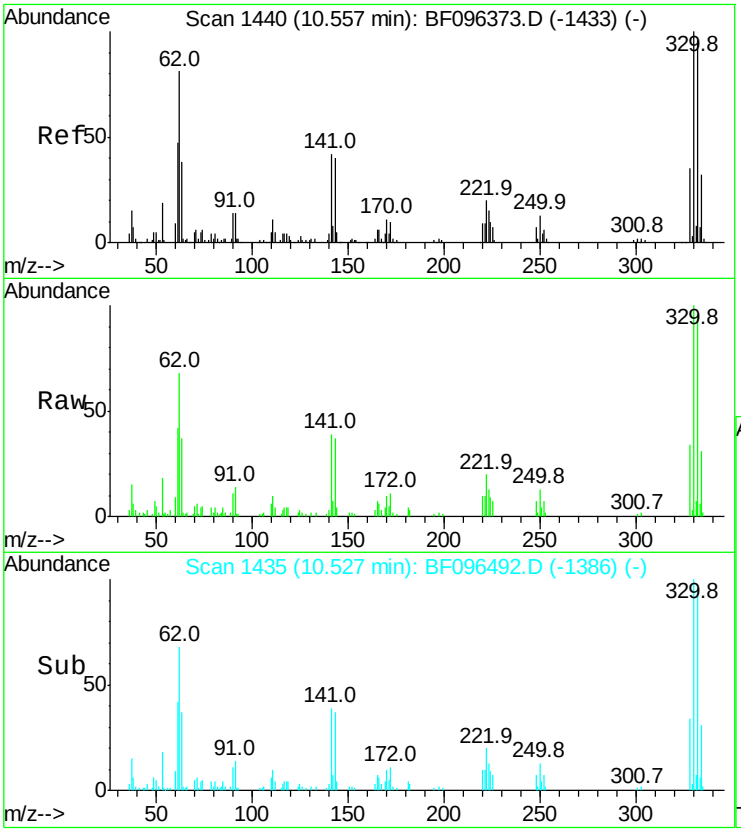


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF096492.D
Acq: 5 Jul 2017 19:00

Tgt Ion:164 Resp: 201523

Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.6	123.8
160	44.8	36.2	54.2



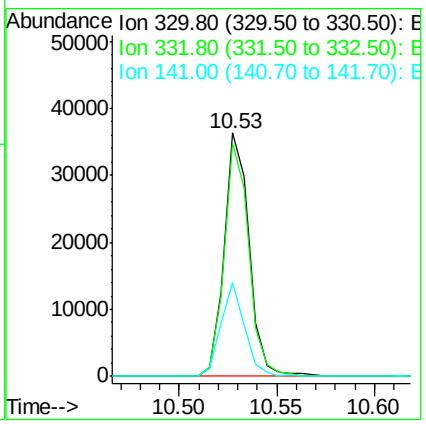


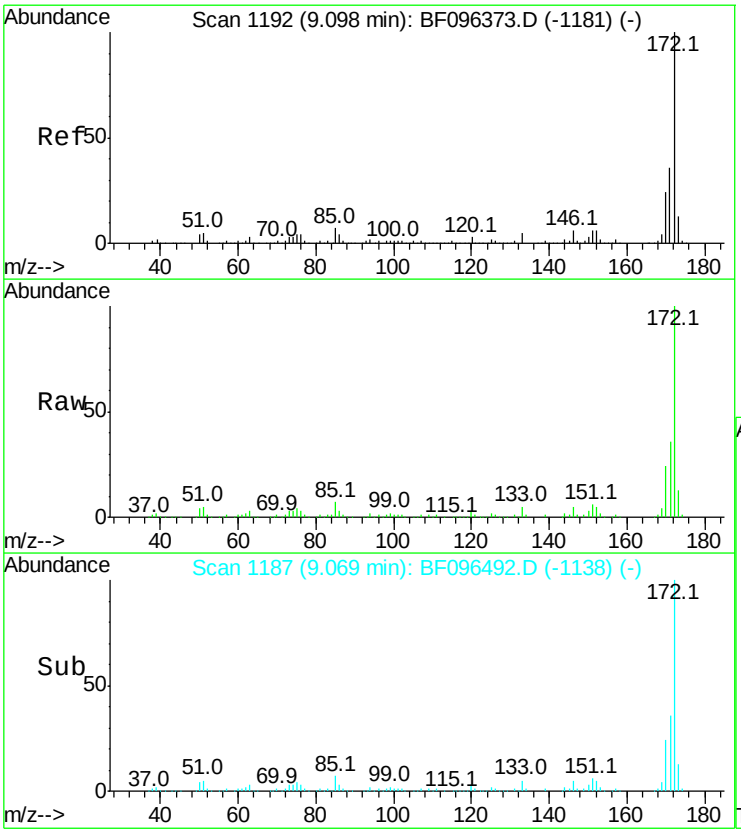
#41
2,4,6-Tribromophenol
Concen: 20.50 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF096492.D
Acq: 5 Jul 2017 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 32267

Ion	Ratio	Lower	Upper
330	100		
332	93.9	76.6	115.0
141	36.7	31.4	47.2

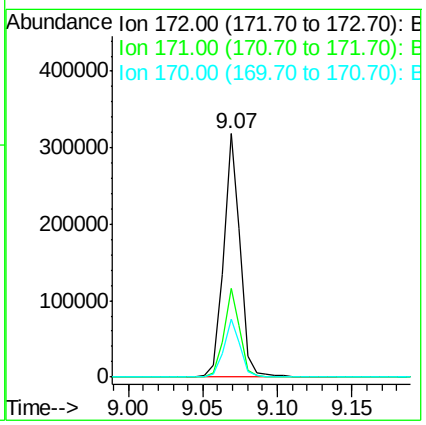


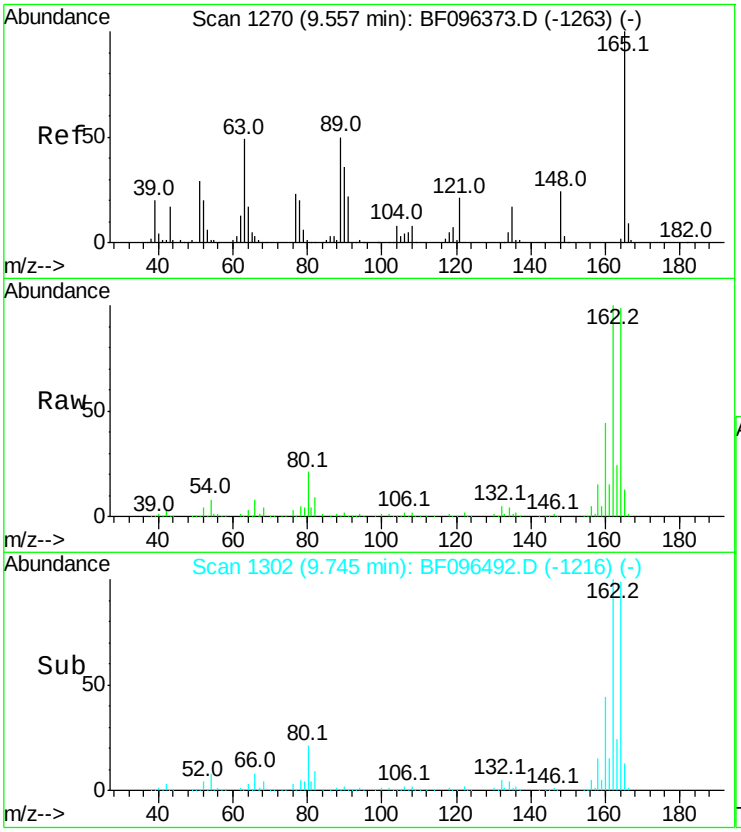


#44
2-Fluorobiphenyl
Concen: 21.33 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF096492.D
Acq: 5 Jul 2017 19:00

Tgt Ion:172 Resp: 251379

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.0	19.8	29.8



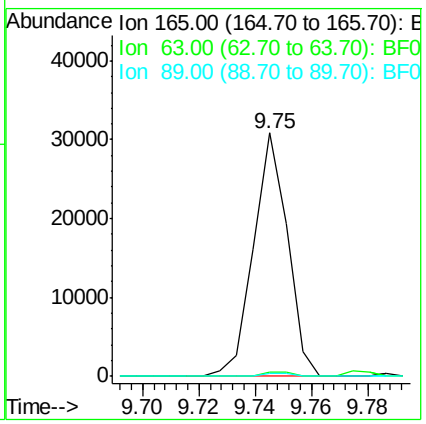


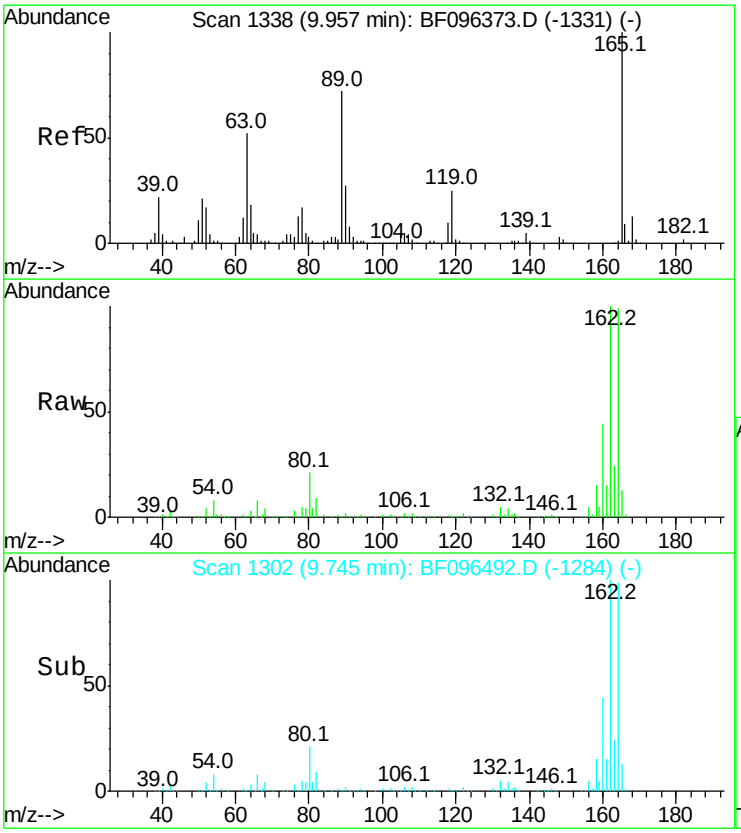
#50
2,6-Dinitrotoluene
Concen: 7.72 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.21 min
Lab File: BF096492.D
Acq: 5 Jul 2017 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 25671

Ion	Ratio	Lower	Upper
165	100		
63	1.9	34.3	51.5#
89	1.5	37.1	55.7#

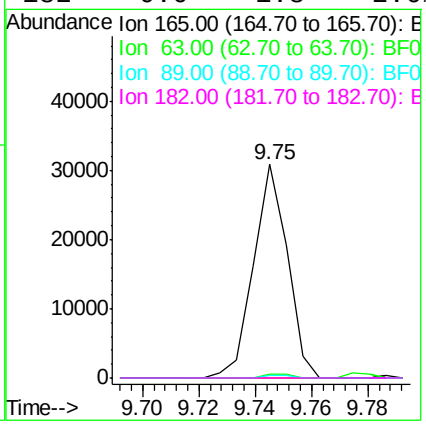


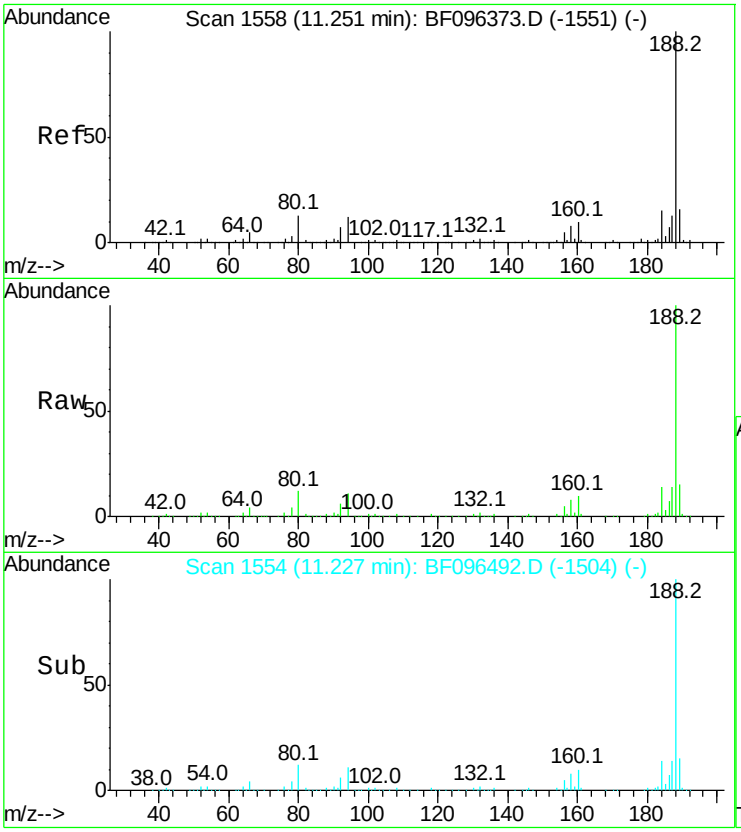


#56
2,4-Dinitrotoluene
Concen: 6.09 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.19 min
Lab File: BF096492.D
Acq: 5 Jul 2017 19:00

Tgt Ion:165 Resp: 25671

Ion	Ratio	Lower	Upper
165	100		
63	1.9	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#



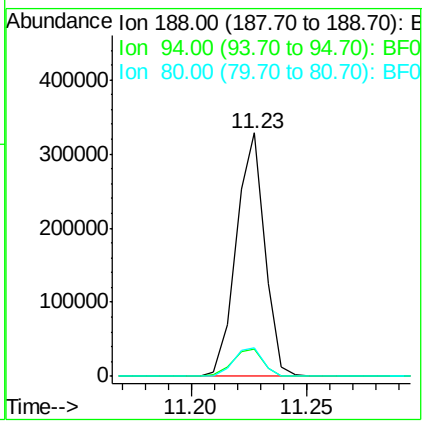


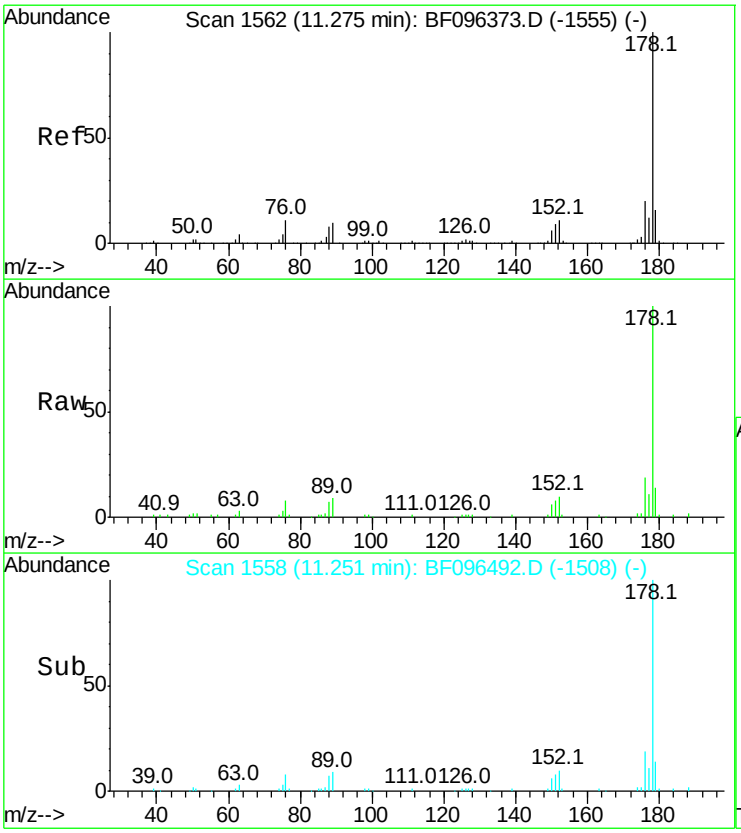
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096492.D
Acq: 5 Jul 2017 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 282431

Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.4	14.2
80	11.8	10.2	15.2

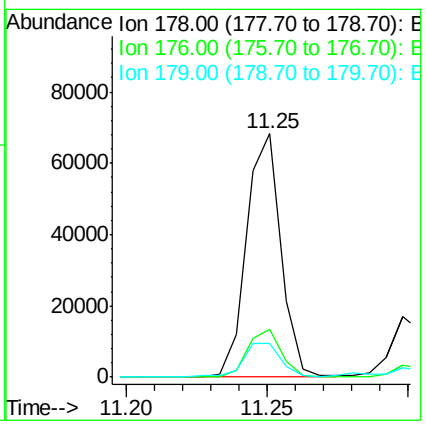


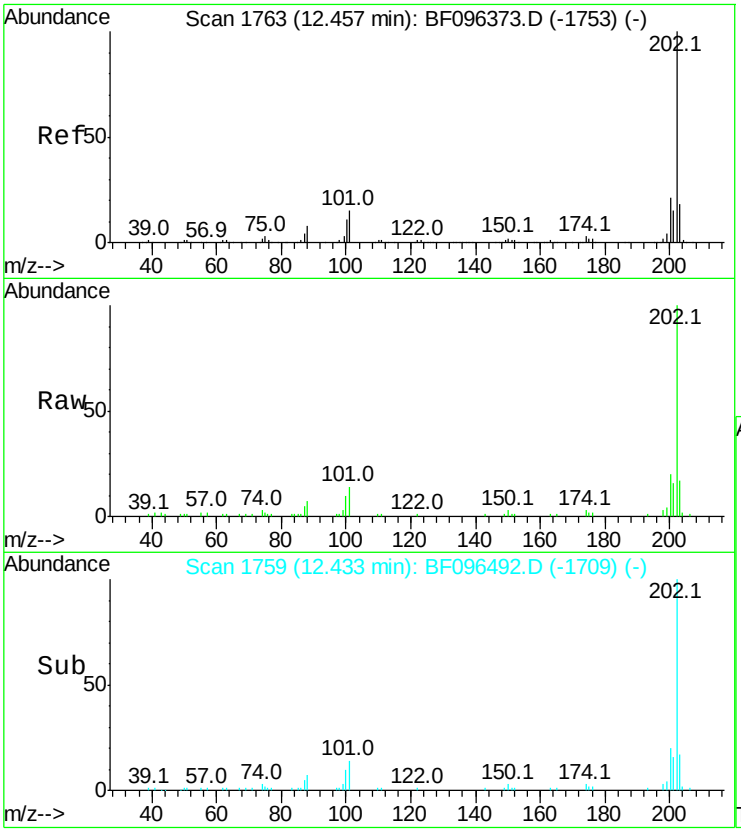


#70
Phenanthrene
Concen: 3.77 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF096492.D
Acq: 5 Jul 2017 19:00

Tgt Ion:178 Resp: 57592

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	13.7	12.6	19.0



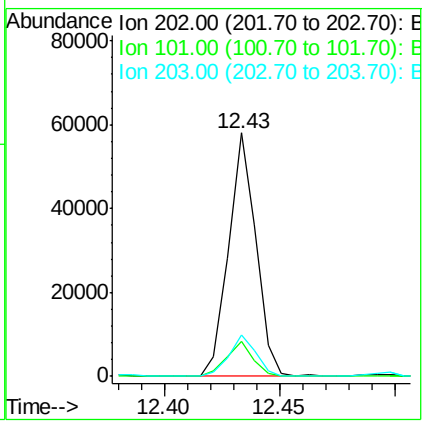


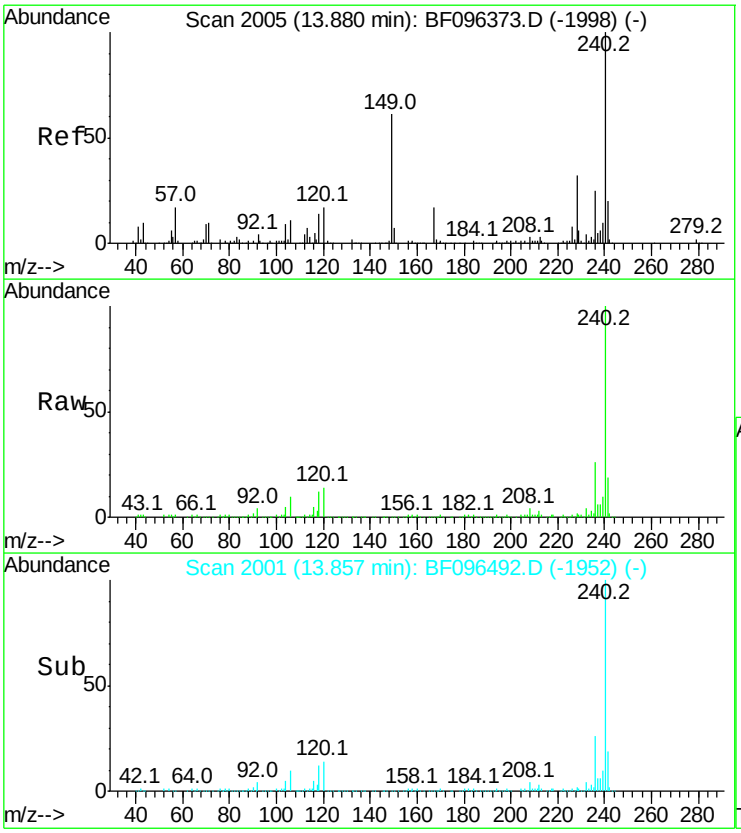
#74
Fluoranthene
Concen: 3.20 ng
RT: 12.43 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BF096492.D
Acq: 5 Jul 2017 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 47883

Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	33.2
203	16.8	0.0	38.1

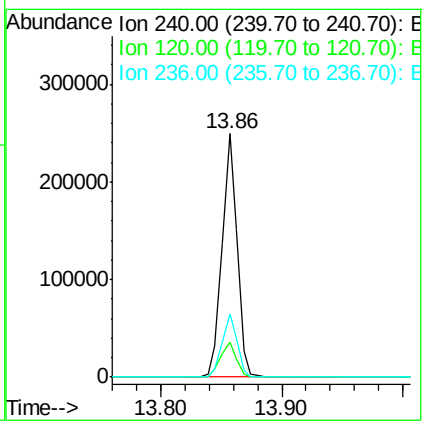


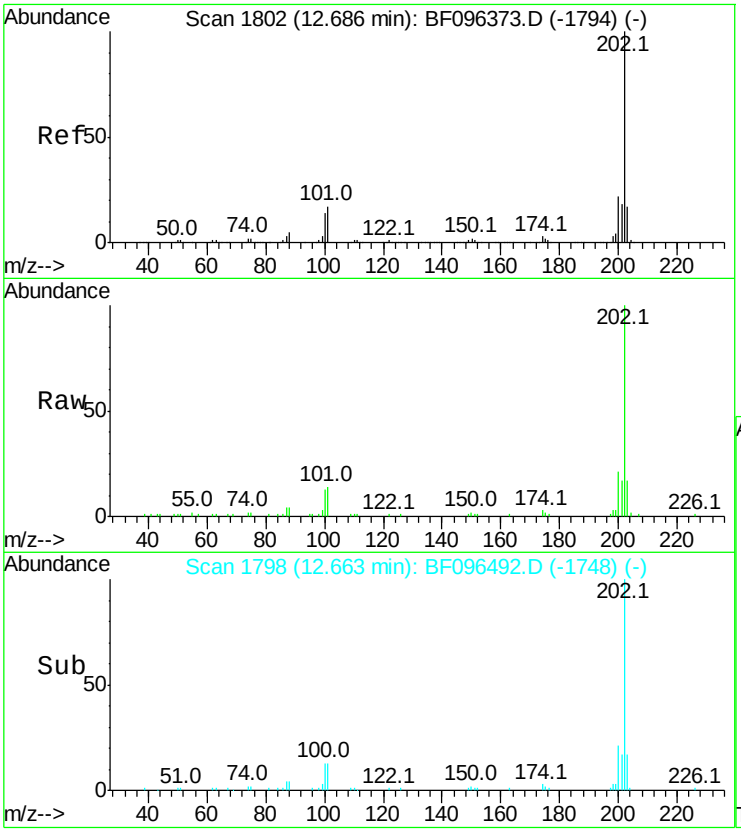


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF096492.D
Acq: 5 Jul 2017 19:00

Tgt Ion:240 Resp: 214577

Ion	Ratio	Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	25.8	20.5	30.7



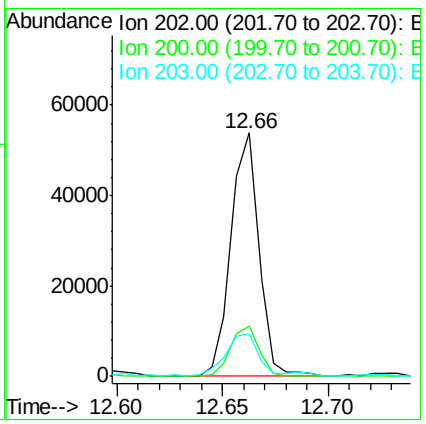


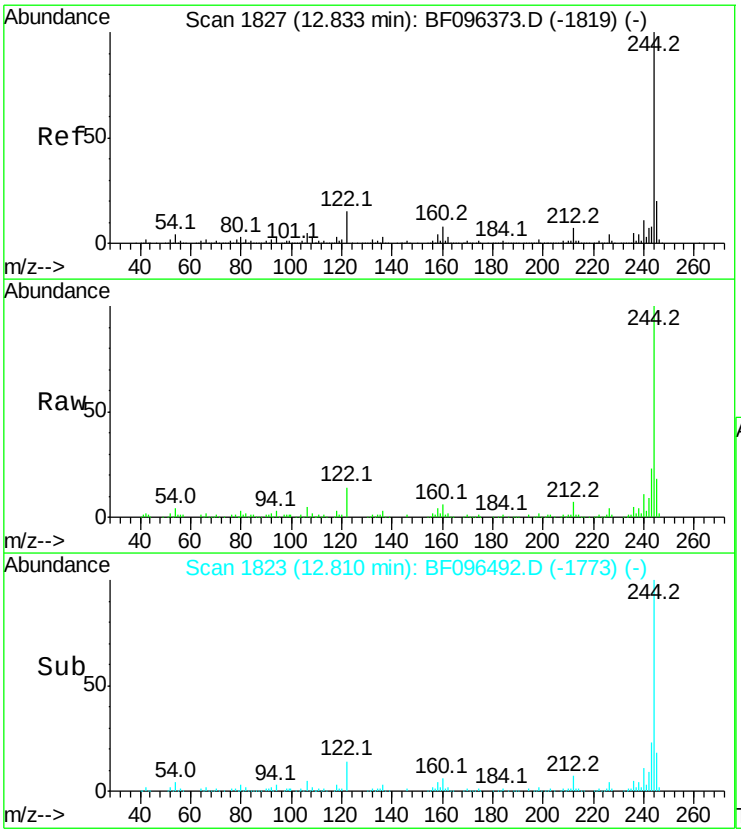
#77
Pyrene
Concen: 2.87 ng
RT: 12.66 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BF096492.D
Acq: 5 Jul 2017 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 49413

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.6	26.4
203	17.4	14.4	21.6

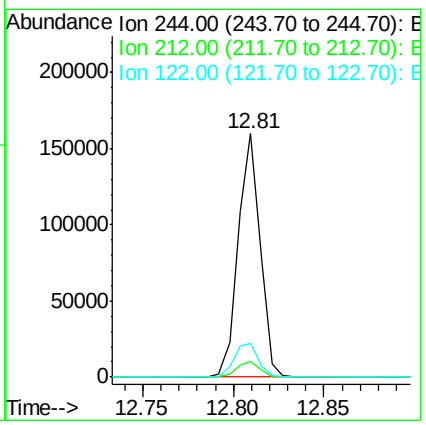


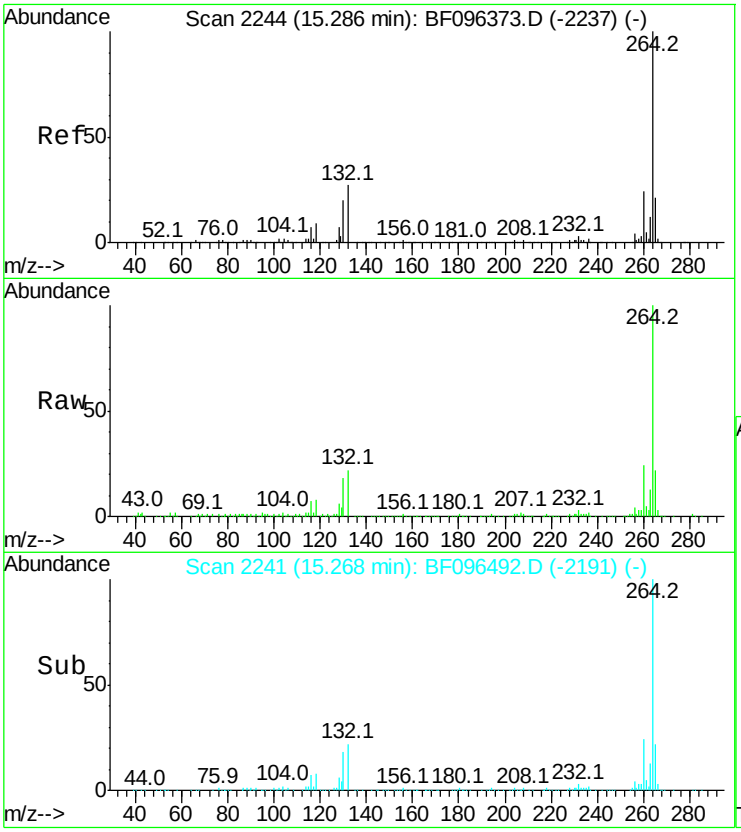


#78
Terphenyl-d14
Concen: 13.32 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF096492.D
Acq: 5 Jul 2017 19:00

Tgt Ion:244 Resp: 133779

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	13.9	10.3	15.5



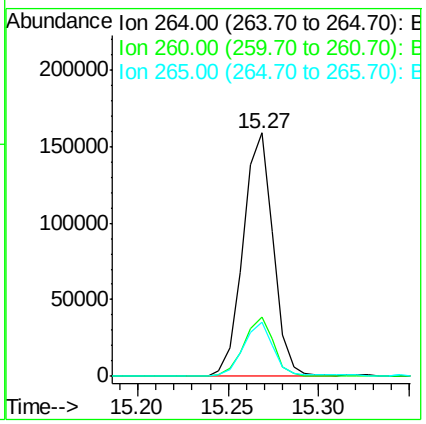


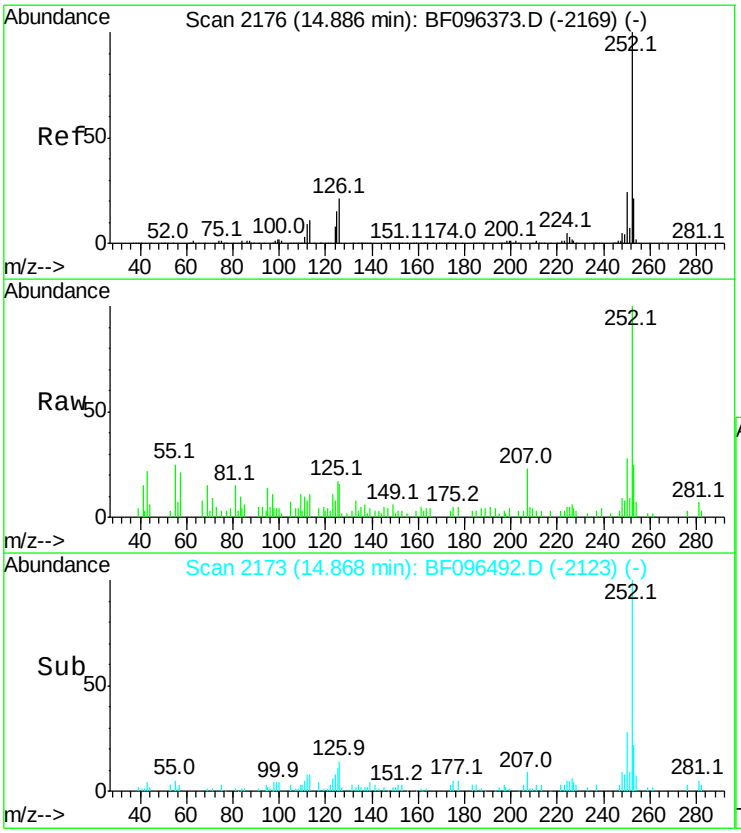
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF096492.D
Acq: 5 Jul 2017 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 183720

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.2	17.2	25.8

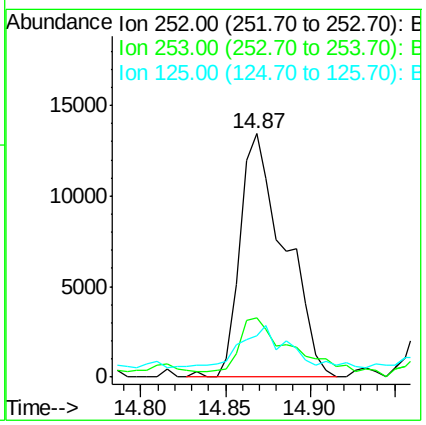


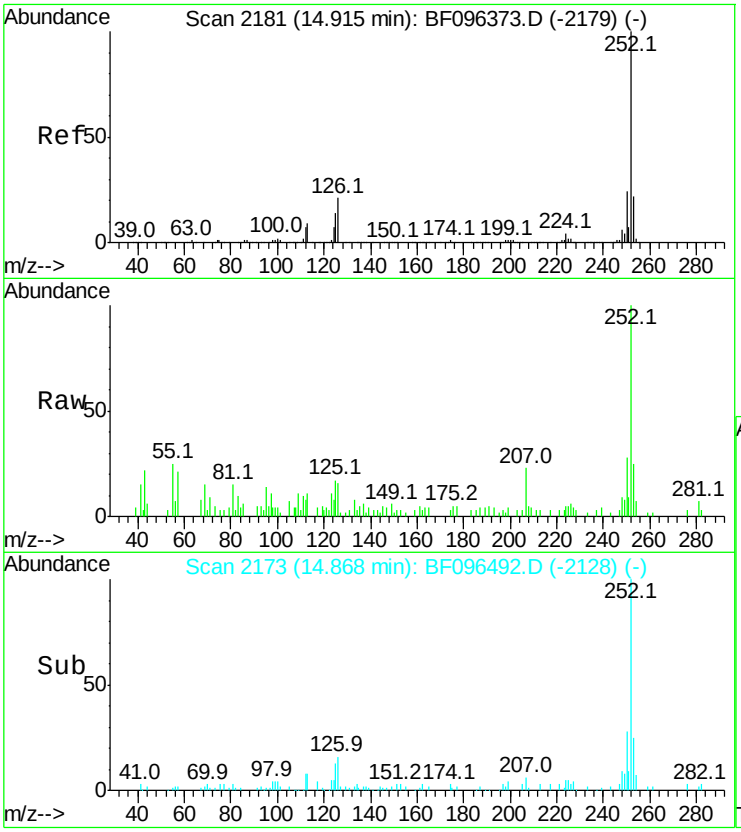


#87
Benzo(b)fluoranthene
Concen: 2.15 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF096492.D
Acq: 5 Jul 2017 19:00

Tgt Ion:252 Resp: 24733

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.1	27.1
125	17.0	9.8	14.8#





#88
Benzo(k)fluoranthene
Concen: 2.40 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.04 min
Lab File: BF096492.D
Acq: 5 Jul 2017 19:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 24733

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.4	27.6
125	17.0	13.1	19.7