Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
Data File : BF099284.D
Acq On : 10 Oct 2017 1:28
Operator : SJ/JU
Sample : I5715-07 25X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 10 04:45:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	102147	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	420048	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	183002	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	279413	20.00	ng		0.00
75) Chrysene-d12	14.03	240	191739	20.00	ng		0.00
86) Perylene-d12	15.50	264	197523	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	26487	4.13	ng		0.00
7) Phenol-d6	6.49	99	33426	4.22	ng		-0.01
23) Nitrobenzene-d5	7.42	82	17802	2.72	ng		-0.01
41) 2,4,6-Tribromophenol	10.69	330	4826	3.22	ng		-0.01
44) 2-Fluorobiphenyl	9.22	172	44060	4.02	ng		-0.01
78) Terphenyl-d14	12.96	244	27965	3.32	ng		-0.01
Target Compounds							Qvalue
50) 2,6-Dinitrotoluene	9.90	165	24730	8.22	ng	#	25
51) Acenaphthene	9.93	154	23475	2.05	ng		97
54) Dibenzofuran	10.10	168	34759	2.28	ng		96
55) 4-Nitrophenol	10.10	139	12251	4.13	ng	#	9
56) 2,4-Dinitrotoluene	9.90	165	24730	6.34	ng	#	22
57) Fluorene	10.45	166	50021	4.08	ng		96
70) Phenanthrene	11.41	178	261805	17.50	ng		99
71) Anthracene	11.46	178	101678	6.64	ng		96
74) Fluoranthene	12.60	202	251174	16.58	ng		98
77) Pyrene	12.83	202	197254	13.49	ng		98
80) Benzo(a)anthracene	14.02	228	112274	9.67	ng		99
82) Chrysene	14.05	228	84895	7.68	ng		98
85) Indeno(1,2,3-cd)pyrene	16.98	276	37969	4.29	ng		100
87) Benzo(b)fluoranthene	15.07	252	154608	12.73	ng	#	96
88) Benzo(k)fluoranthene	15.07	252	154608	12.89	ng		98
89) Benzo(a)pyrene	15.44	252	81665	7.33	ng		98
91) Benzo(g,h,i)perylene	17.43	276	31049	3.52	ng		98

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

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Data File : BF099284.D
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
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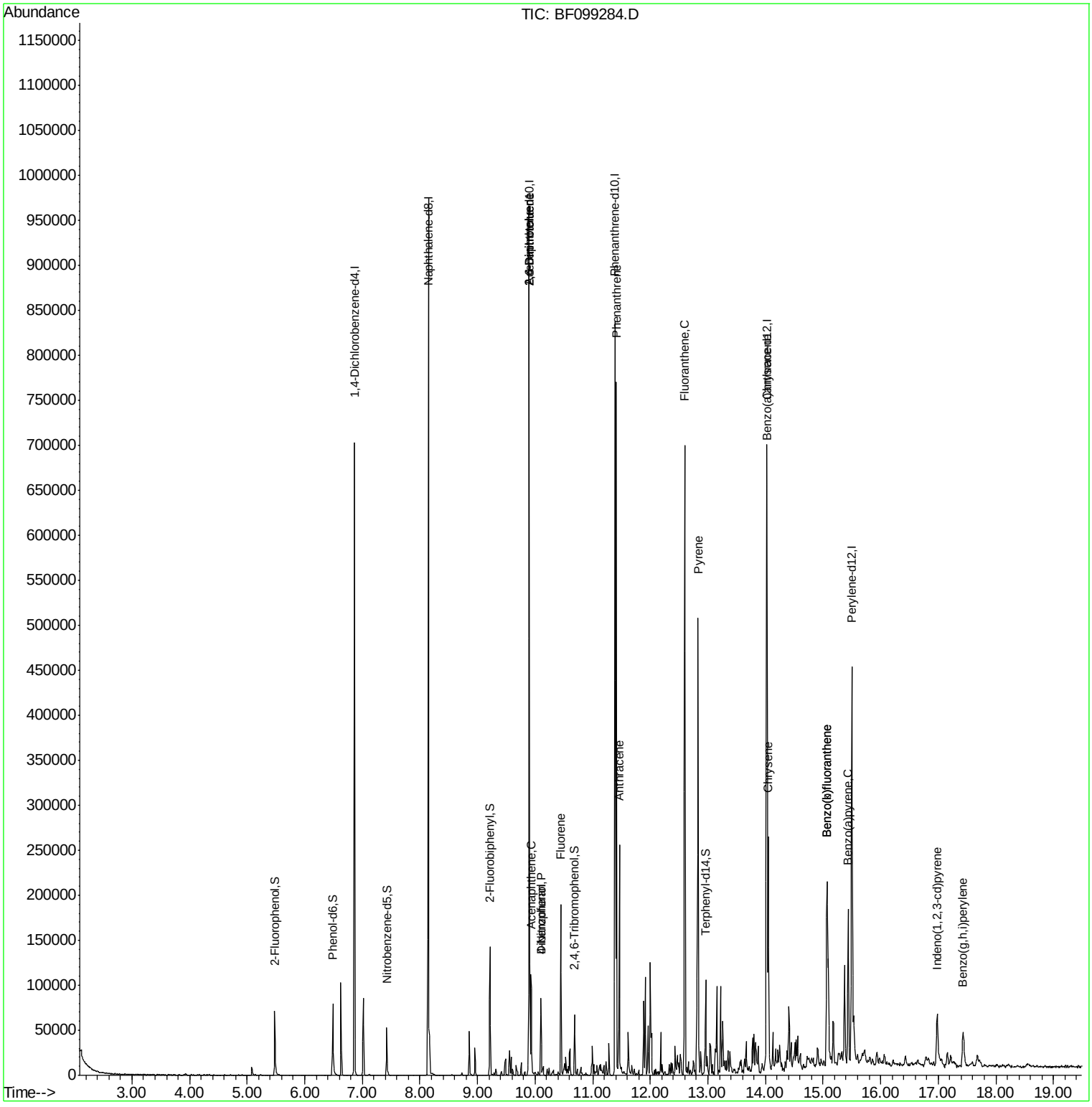
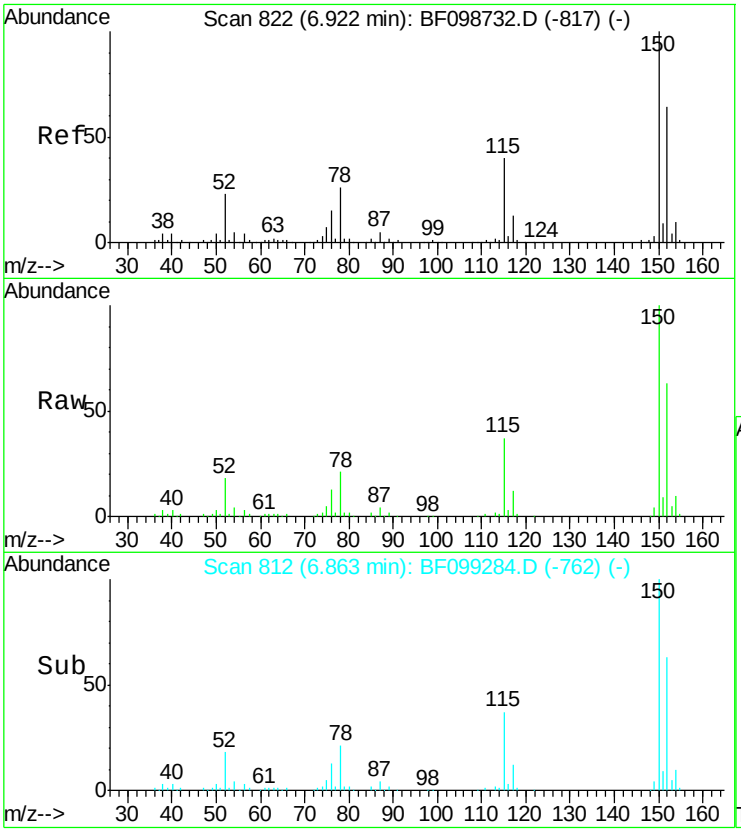


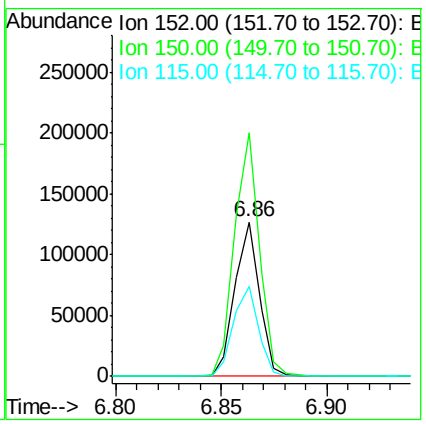


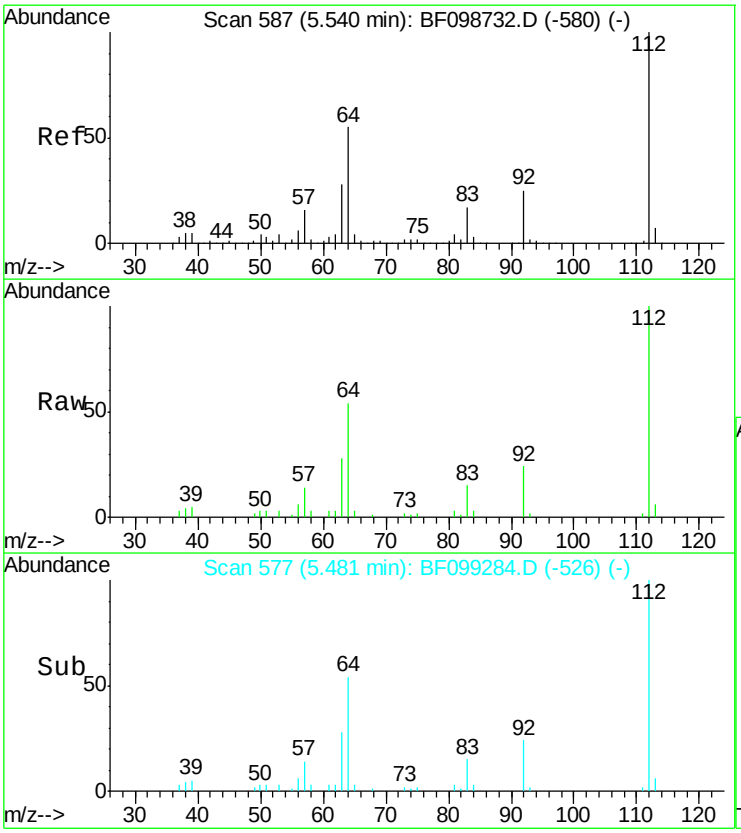
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099284.D
Acq: 10 Oct 2017 1:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 102147

Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	58.3	50.1	75.1

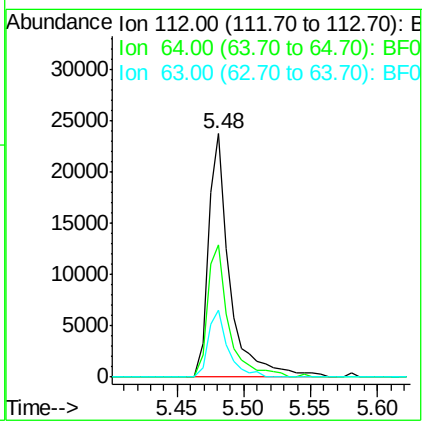


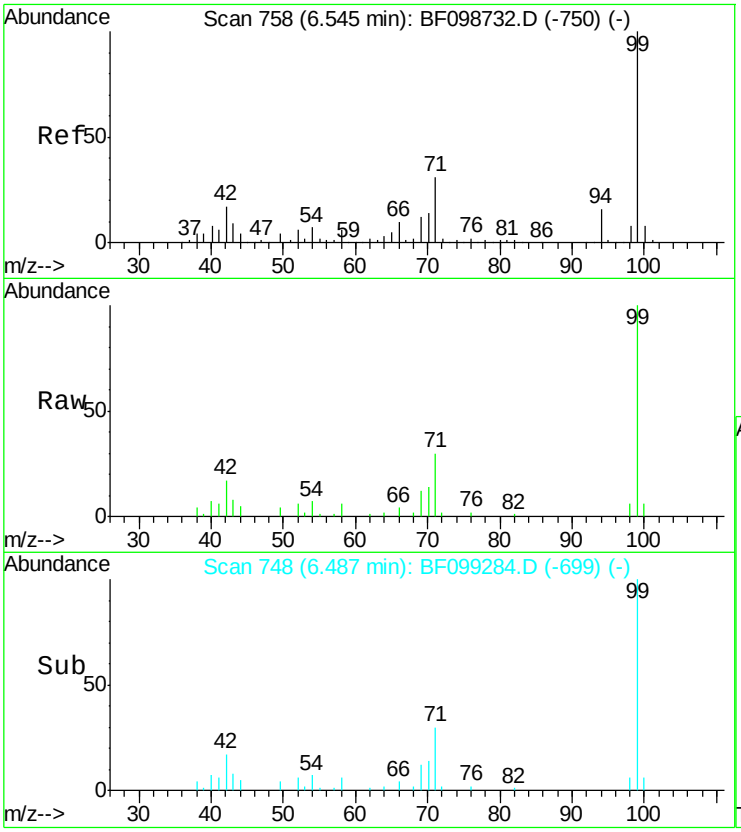


#5
2-Fluorophenol
Concen: 4.13 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF099284.D
Acq: 10 Oct 2017 1:28

Tgt Ion:112 Resp: 26487

Ion	Ratio	Lower	Upper
112	100		
64	54.2	47.9	71.9
63	27.5	23.7	35.5



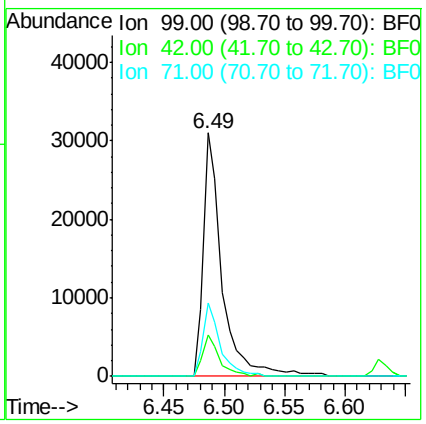


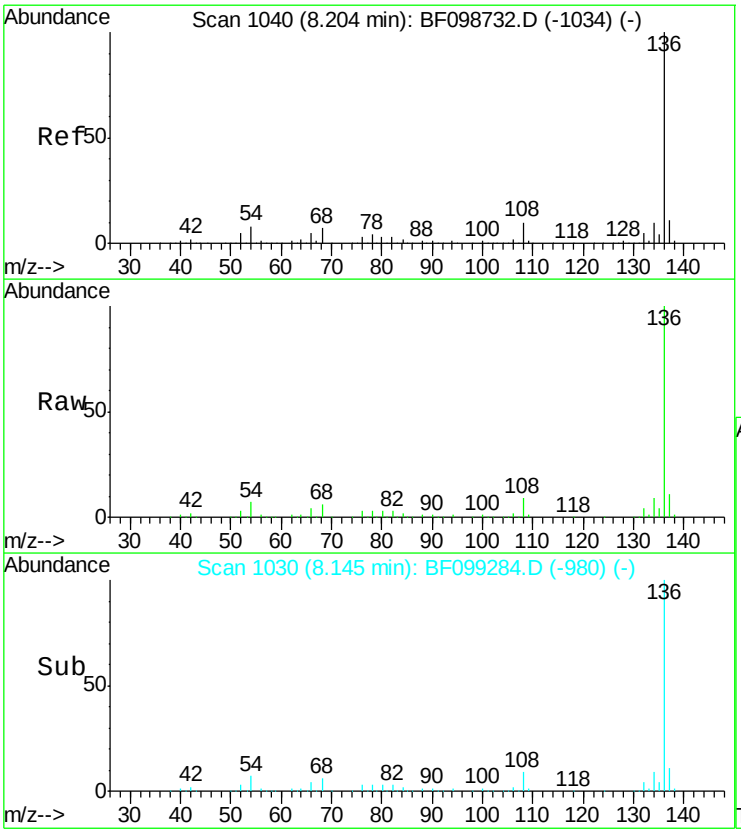
#7
Phenol-d6
Concen: 4.22 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF099284.D
Acq: 10 Oct 2017 1:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 33426

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.5	21.7
71	30.3	25.4	38.0

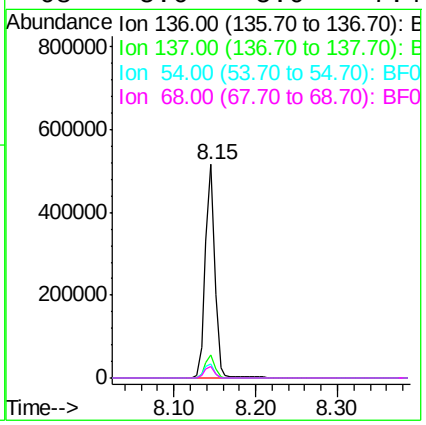


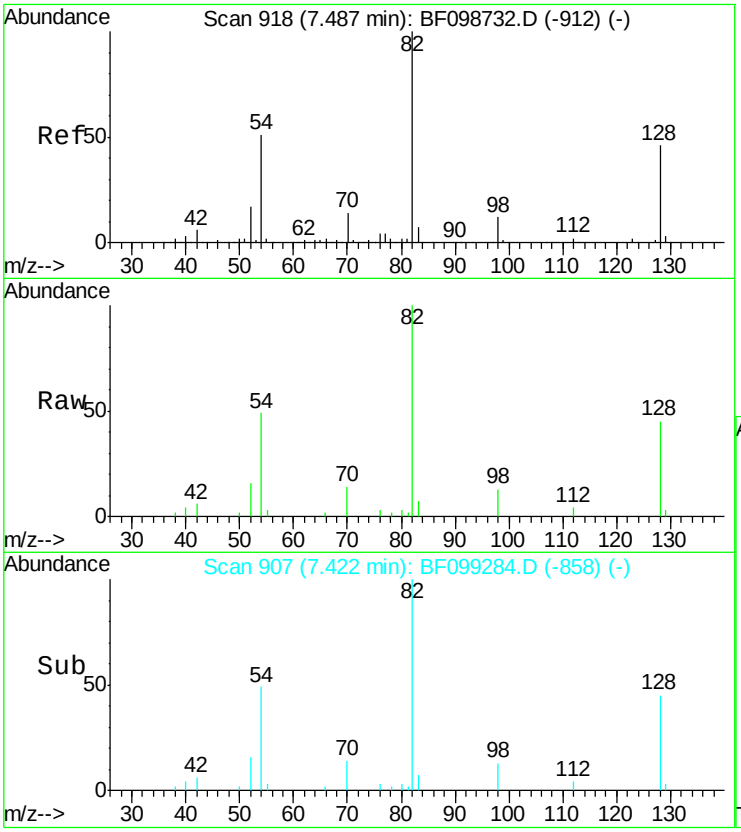


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099284.D
Acq: 10 Oct 2017 1:28

Tgt Ion:136 Resp: 420048

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.9	6.6	9.8
68	5.6	5.0	7.4



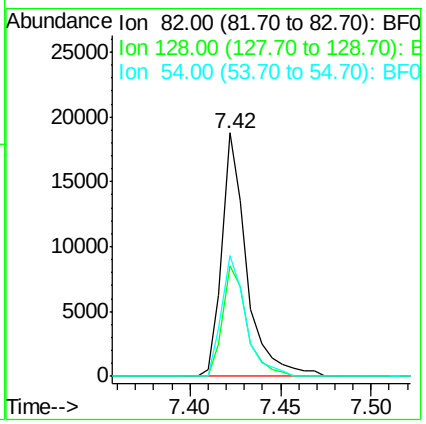


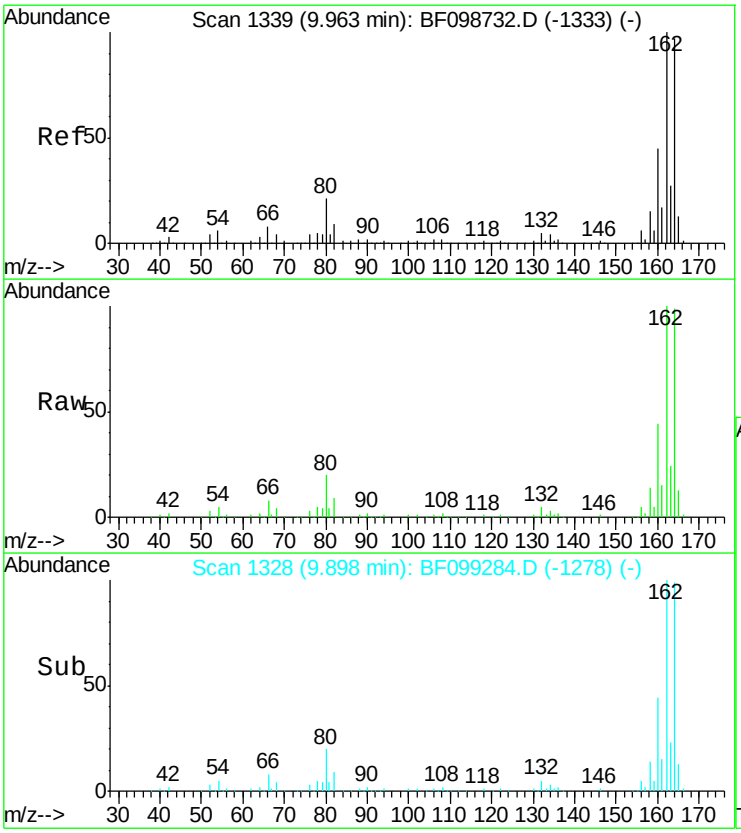
#23
Nitrobenzene-d5
Concen: 2.72 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF099284.D
Acq: 10 Oct 2017 1:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 17802

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	49.4	41.4	62.2

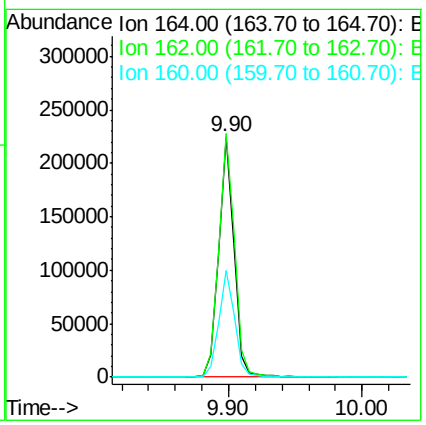


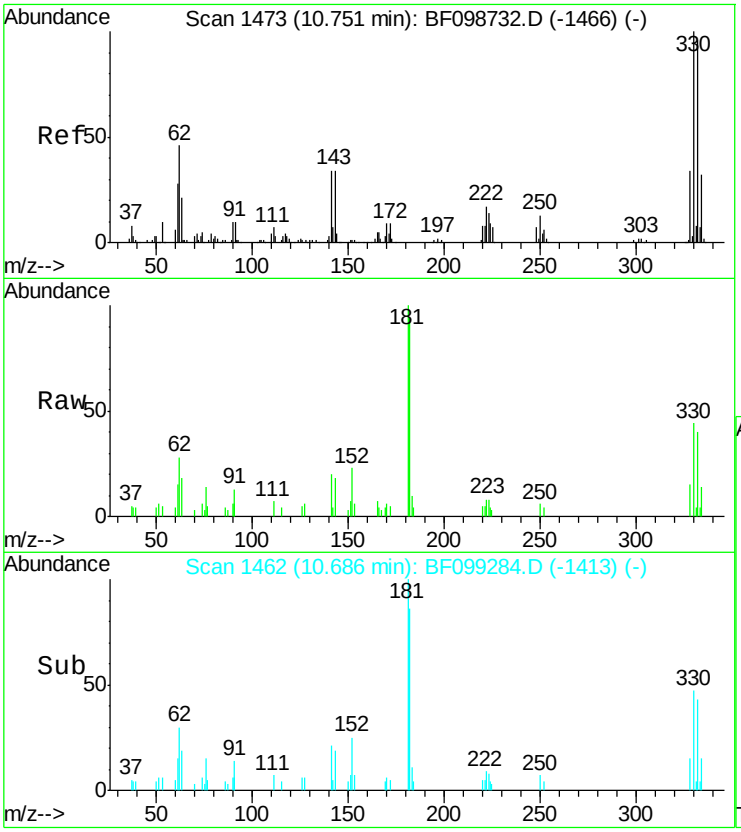


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099284.D
Acq: 10 Oct 2017 1:28

Tgt Ion:164 Resp: 183002

Ion	Ratio	Lower	Upper
164	100		
162	101.5	86.1	129.1
160	44.6	38.3	57.5



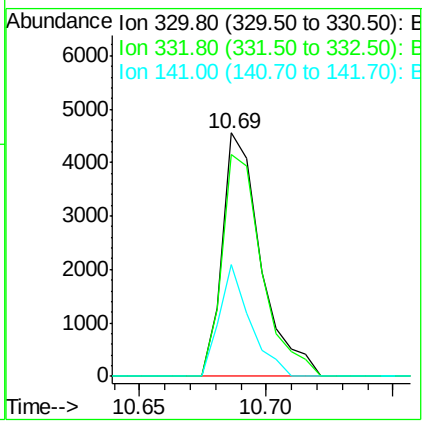


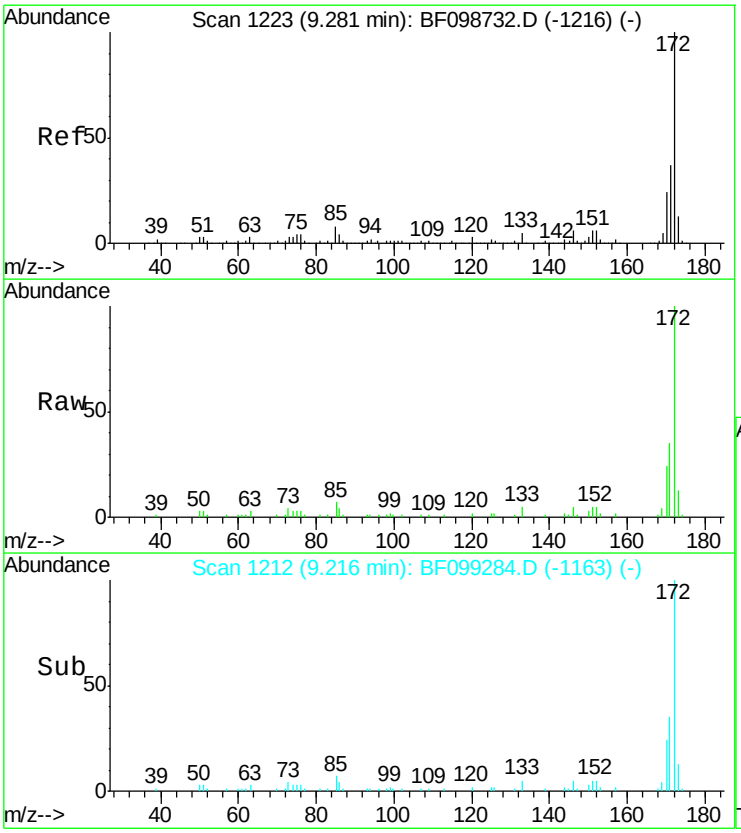
#41
2,4,6-Tribromophenol
Concen: 3.22 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF099284.D
Acq: 10 Oct 2017 1:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 4826

Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	36.9	29.9	44.9

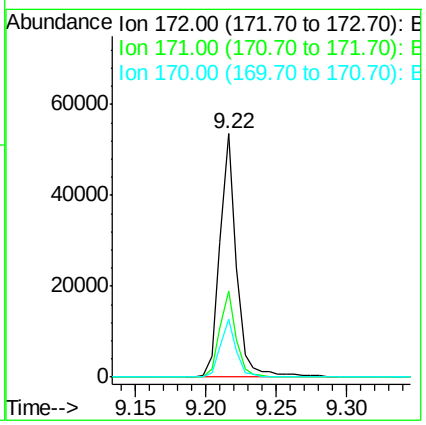


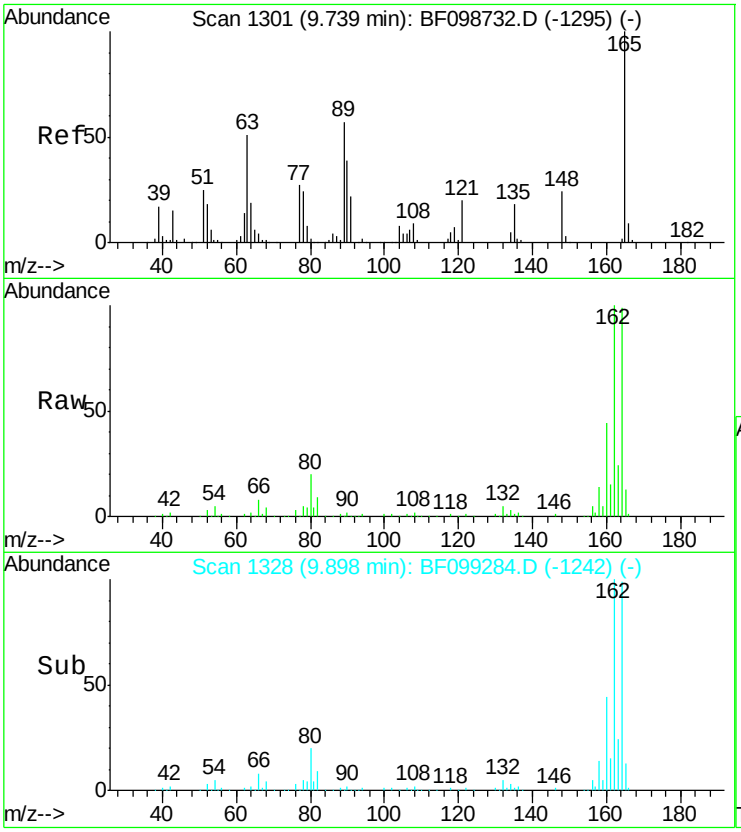


#44
2-Fluorobiphenyl
Concen: 4.02 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF099284.D
Acq: 10 Oct 2017 1:28

Tgt Ion:172 Resp: 44060

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.7	19.6	29.4



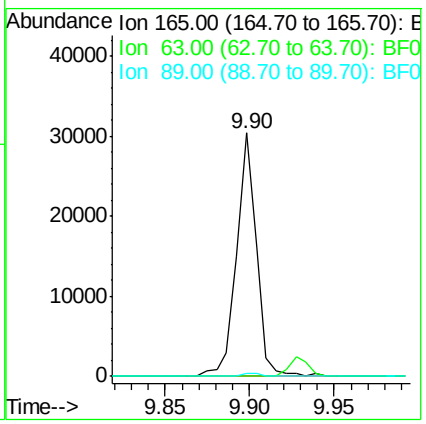


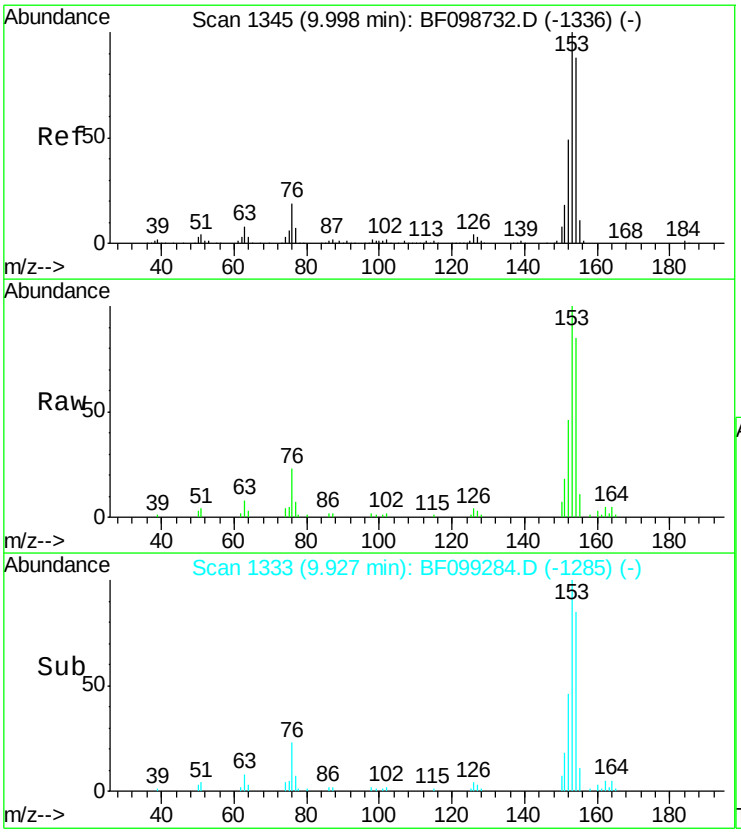
#50
2,6-Dinitrotoluene
Concen: 8.22 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.21 min
Lab File: BF099284.D
Acq: 10 Oct 2017 1:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 24730

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.4	44.0	66.0#

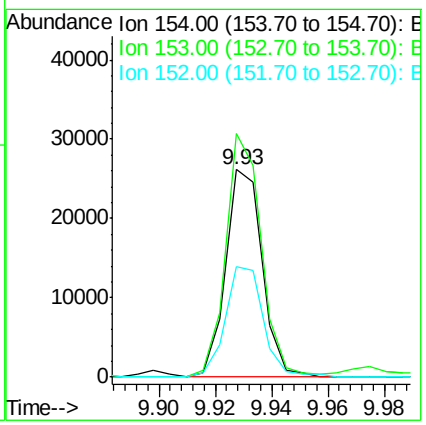


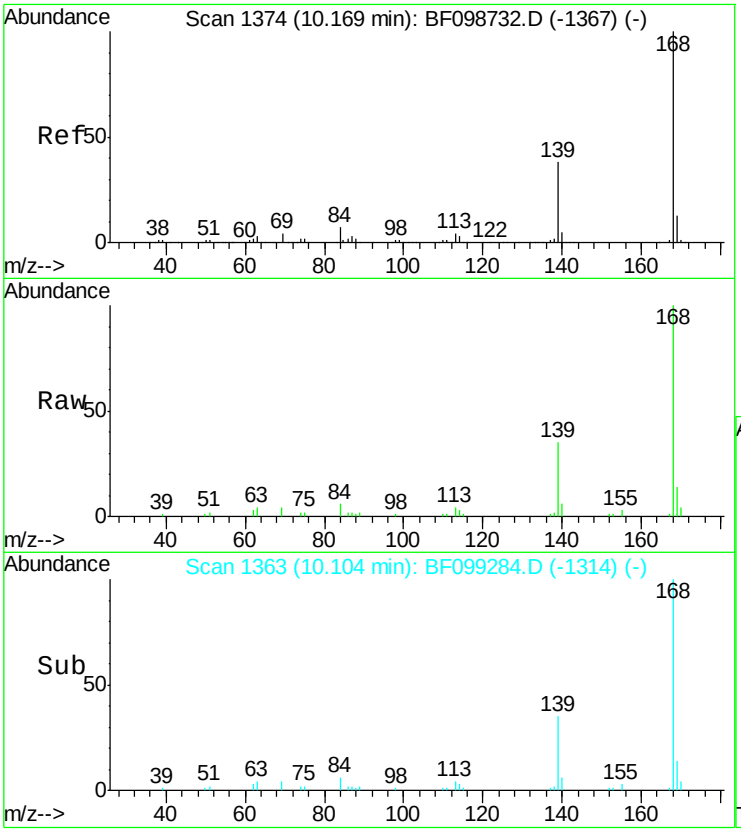


#51
Acenaphthene
Concen: 2.05 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BF099284.D
Acq: 10 Oct 2017 1:28

Tgt Ion:154 Resp: 23475

Ion	Ratio	Lower	Upper
154	100		
153	117.5	91.2	136.8
152	53.5	43.8	65.8



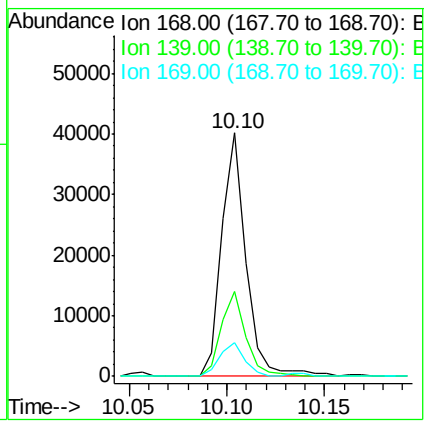


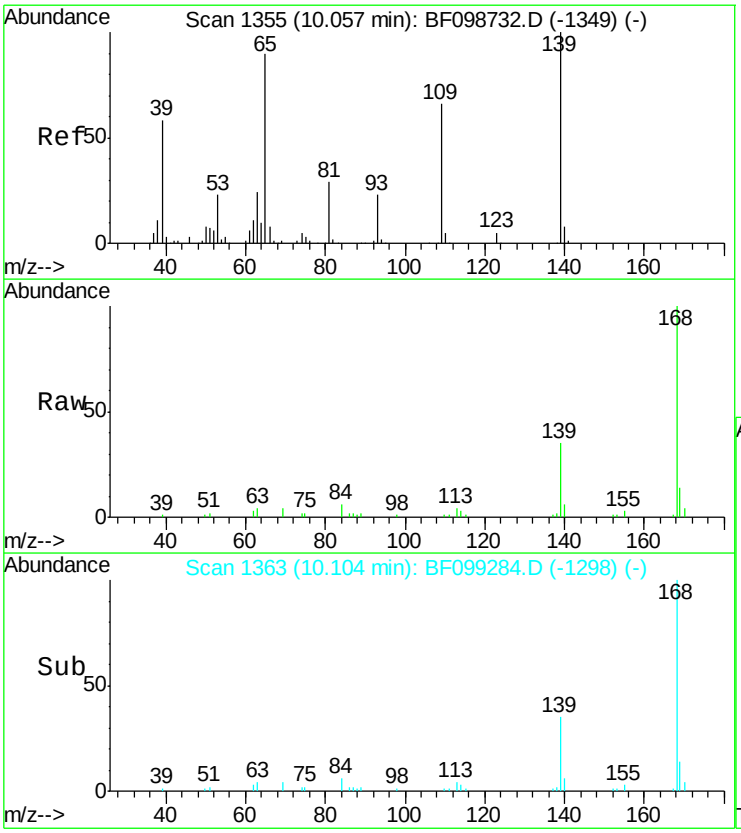
#54
Dibenzofuran
Concen: 2.28 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF099284.D
Acq: 10 Oct 2017 1:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 34759

Ion	Ratio	Lower	Upper
168	100		
139	34.8	30.1	45.1
169	14.1	10.9	16.3

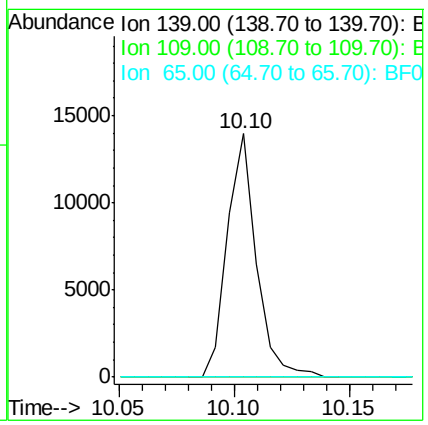


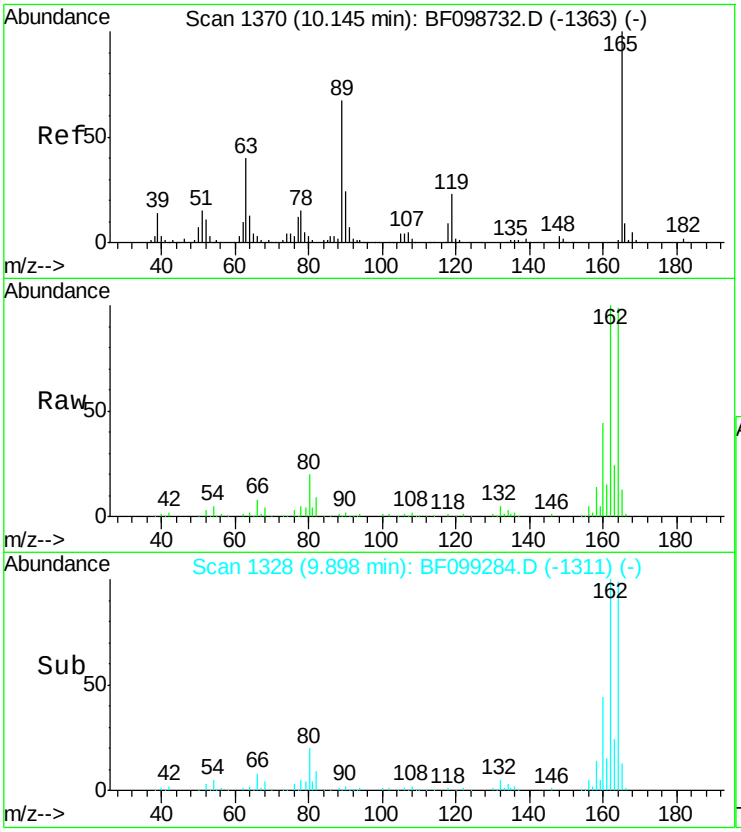


#55
4-Nitrophenol
Concen: 4.13 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.08 min
Lab File: BF099284.D
Acq: 10 Oct 2017 1:28

Tgt Ion:139 Resp: 12251

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#



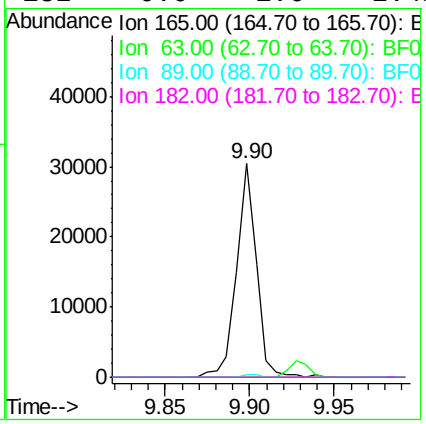


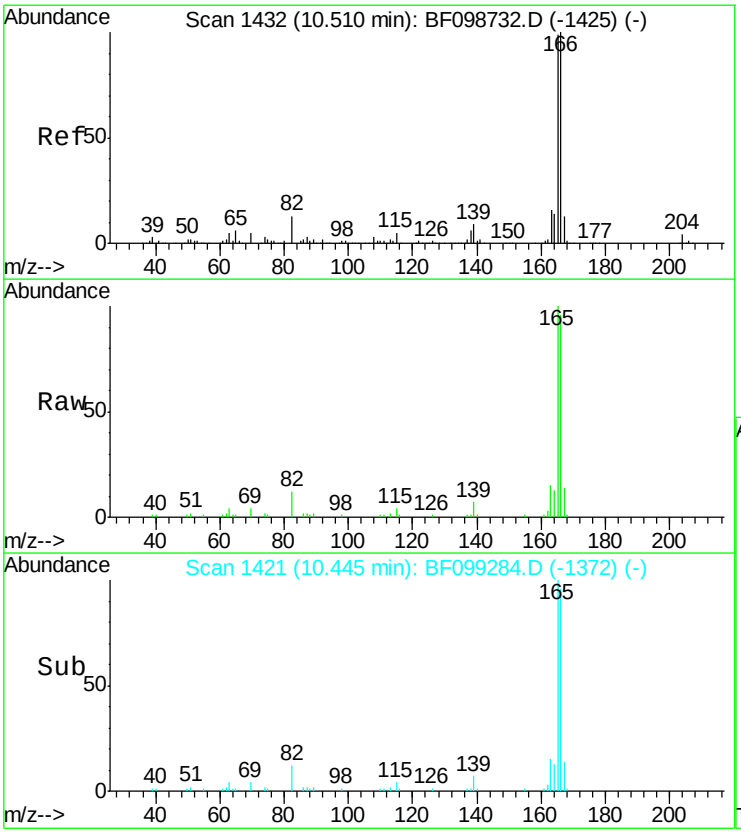
#56
2,4-Dinitrotoluene
Concen: 6.34 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.20 min
Lab File: BF099284.D
Acq: 10 Oct 2017 1:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 24730

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

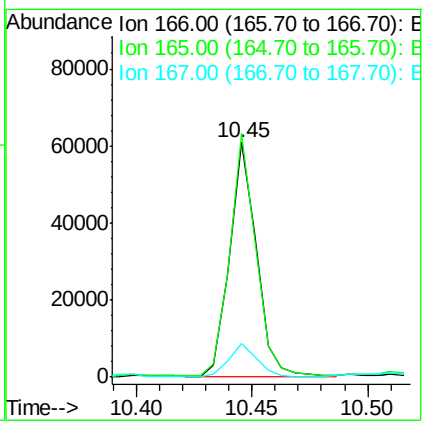


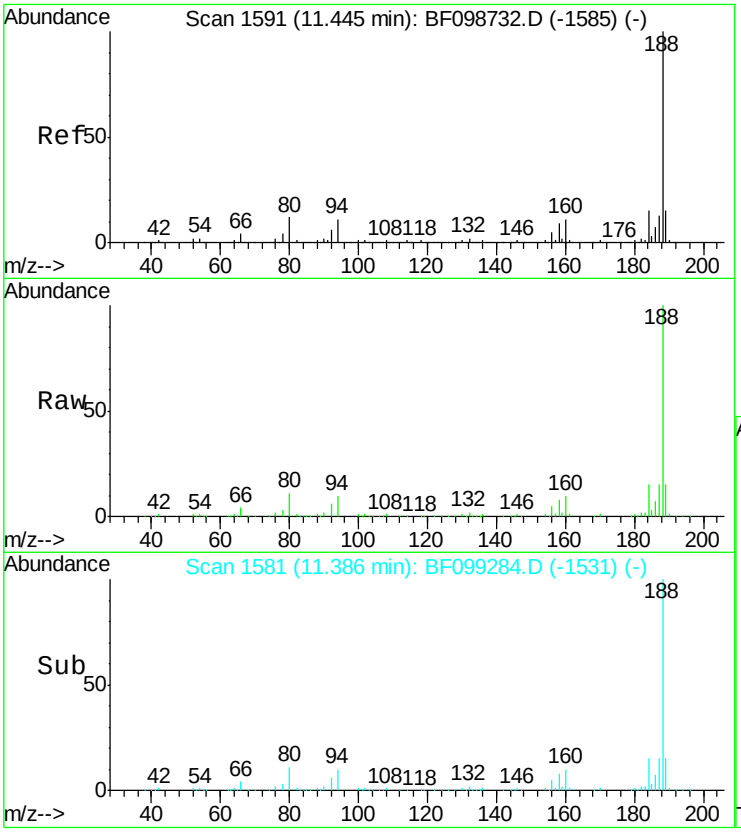


#57
Fluorene
Concen: 4.08 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF099284.D
Acq: 10 Oct 2017 1:28

Tgt Ion:166 Resp: 50021

Ion	Ratio	Lower	Upper
166	100		
165	103.9	79.8	119.8
167	14.4	10.6	16.0



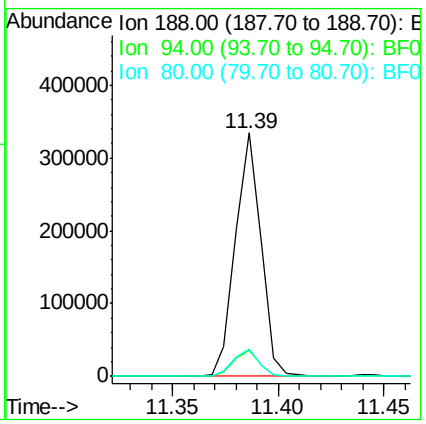


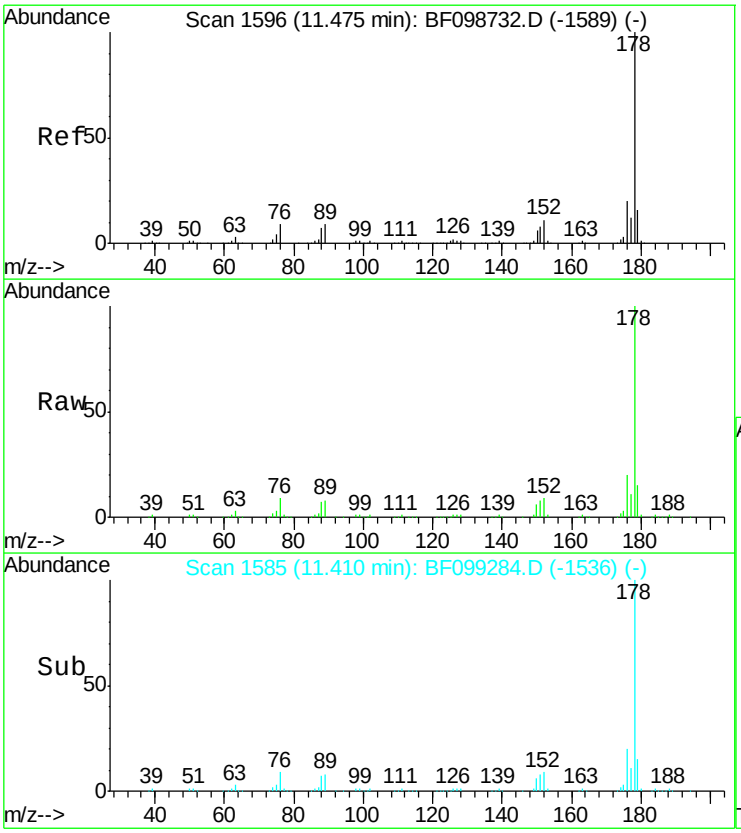
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099284.D
Acq: 10 Oct 2017 1:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 279413

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.4	9.2	13.8

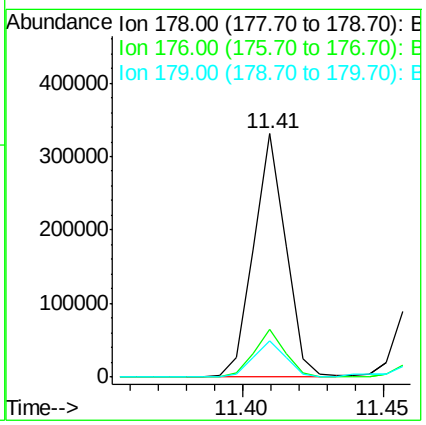


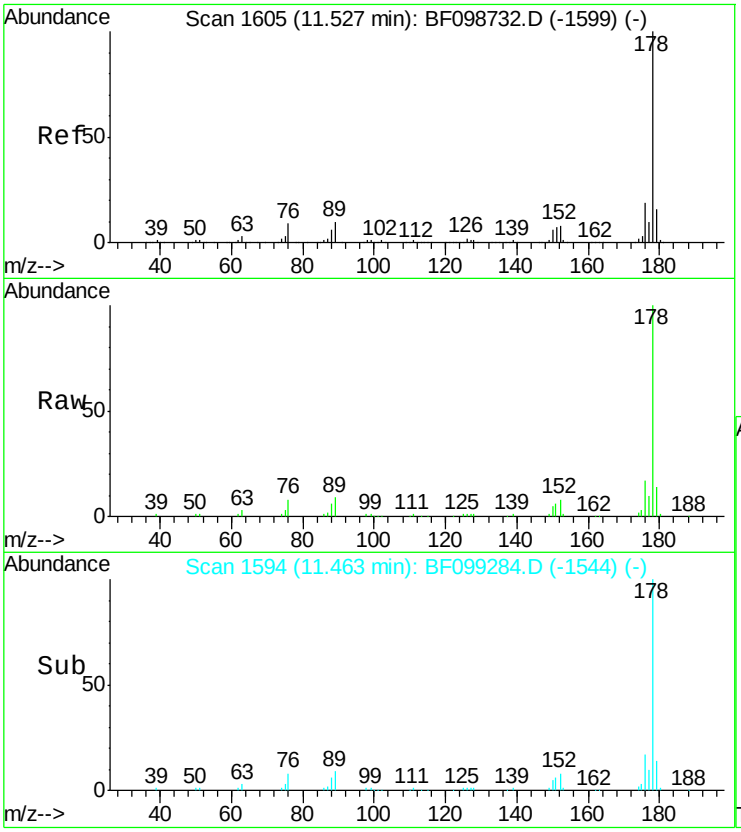


#70
Phenanthrene
Concen: 17.50 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF099284.D
Acq: 10 Oct 2017 1:28

Tgt Ion:178 Resp: 261805

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.1	13.0	19.6



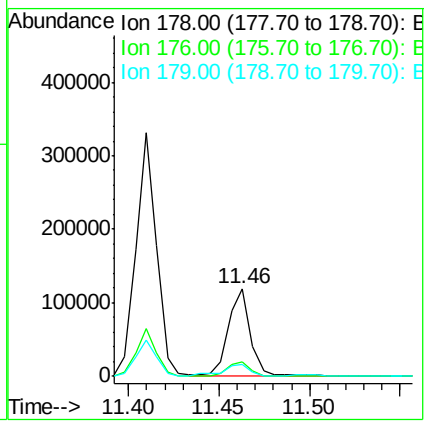


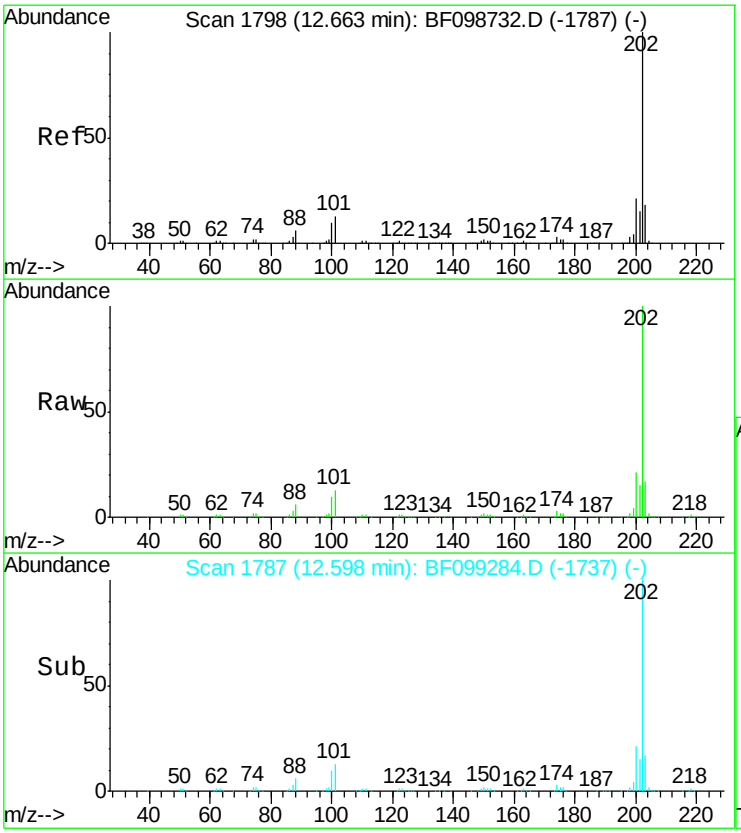
#71
Anthracene
Concen: 6.64 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF099284.D
Acq: 10 Oct 2017 1:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 101678

Ion	Ratio	Lower	Upper
178	100		
176	17.1	15.4	23.2
179	14.1	12.6	19.0

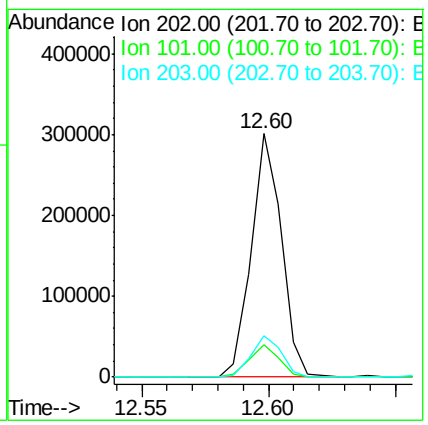


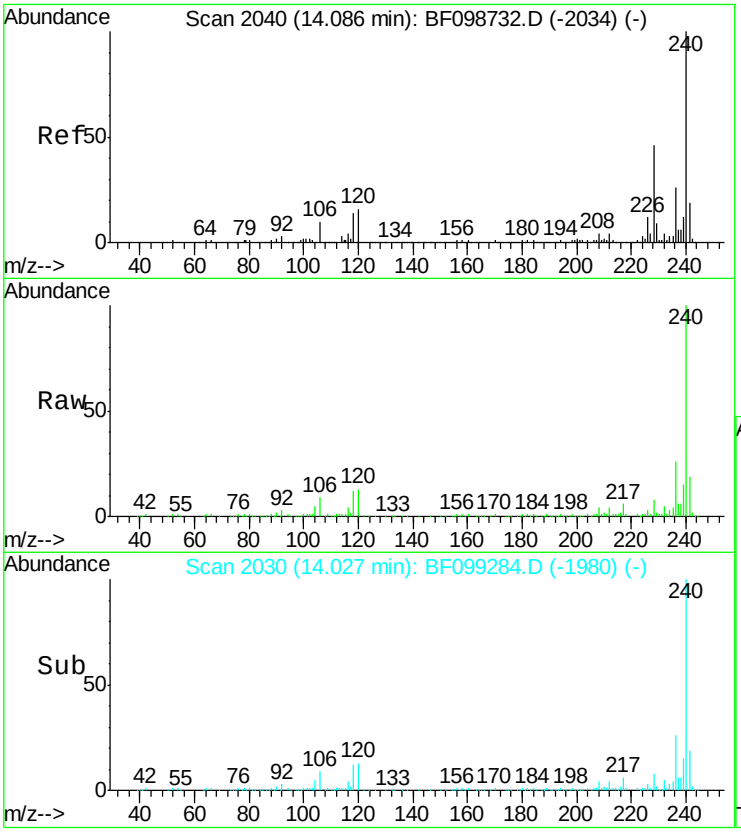


#74
Fluoranthene
Concen: 16.58 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BF099284.D
Acq: 10 Oct 2017 1:28

Tgt Ion:202 Resp: 251174

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	34.1
203	17.2	0.0	38.1



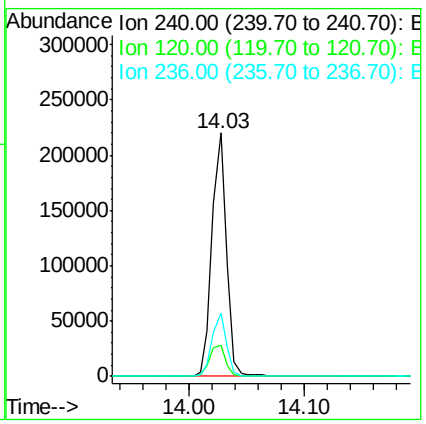


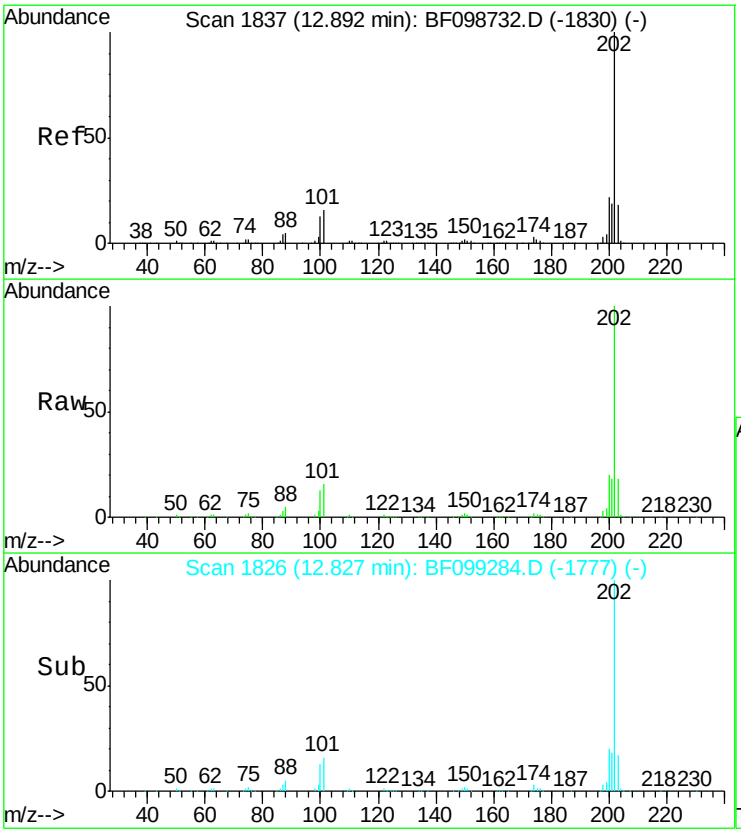
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099284.D
Acq: 10 Oct 2017 1:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 191739

Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.5	14.3
236	25.8	20.7	31.1

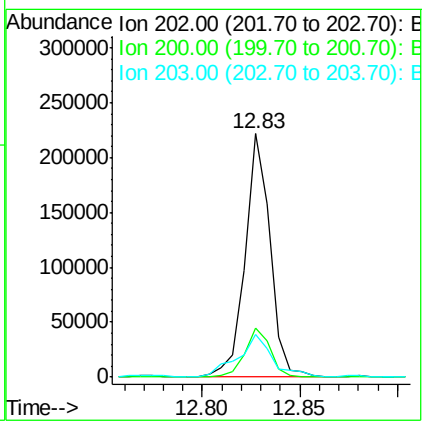


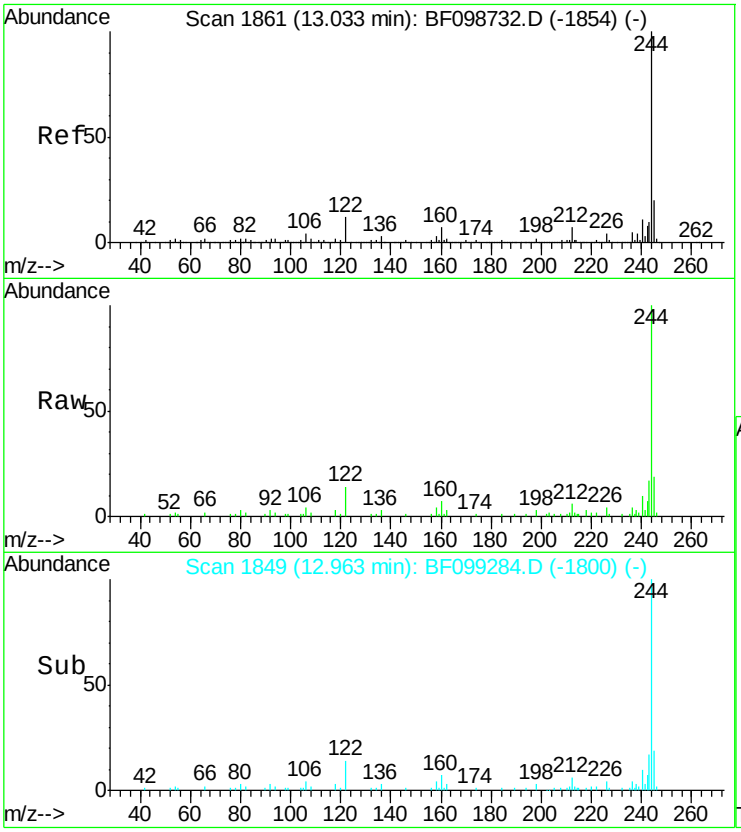


#77
Pyrene
Concen: 13.49 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF099284.D
Acq: 10 Oct 2017 1:28

Tgt Ion:202 Resp: 197254

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.4	26.2
203	17.7	14.3	21.5



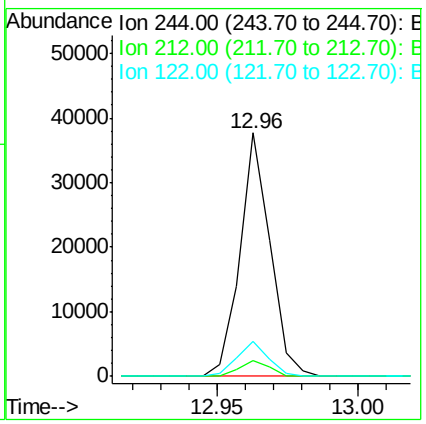


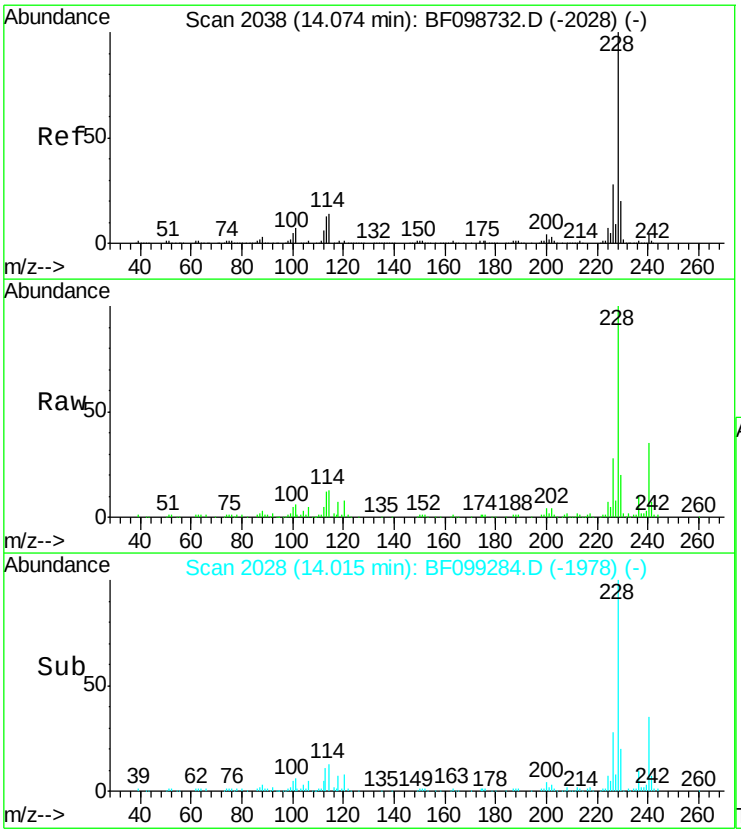
#78
Terphenyl-d14
Concen: 3.32 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF099284.D
Acq: 10 Oct 2017 1:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 27965

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	14.3	11.0	16.4

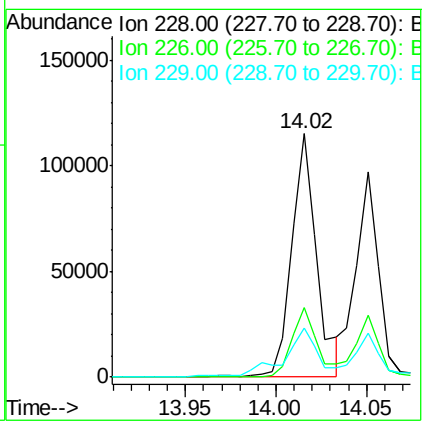


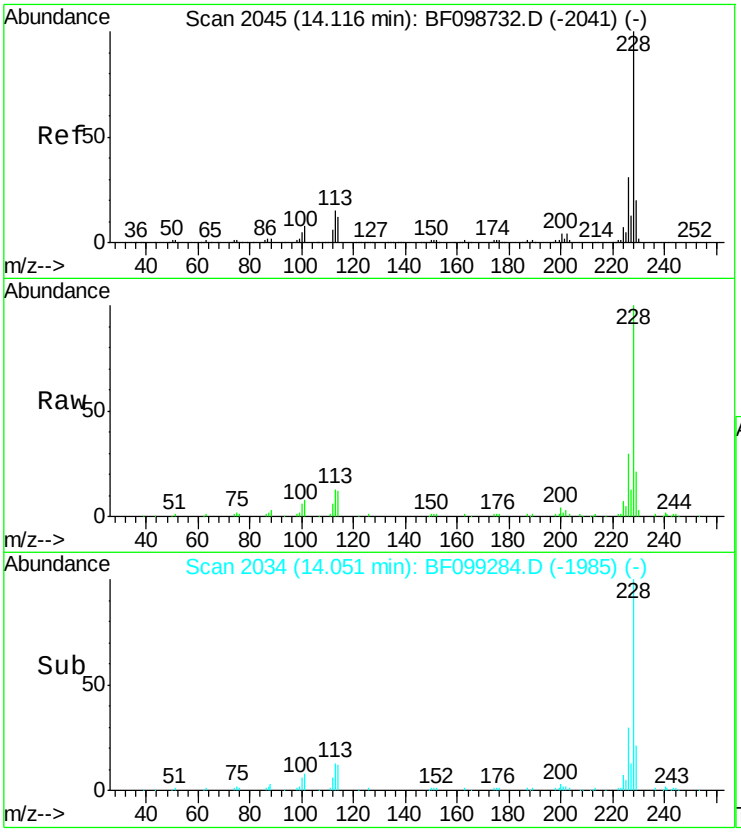


#80
Benzo(a)anthracene
Concen: 9.67 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF099284.D
Acq: 10 Oct 2017 1:28

Tgt Ion:228 Resp: 112274

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	20.4	15.8	23.6



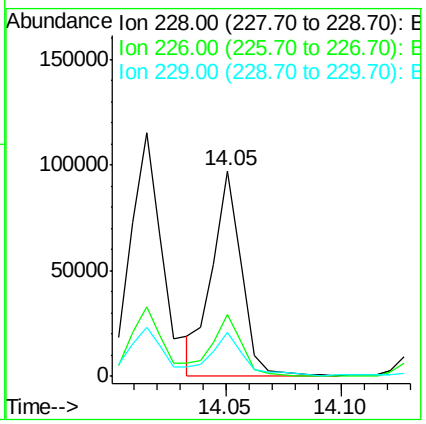


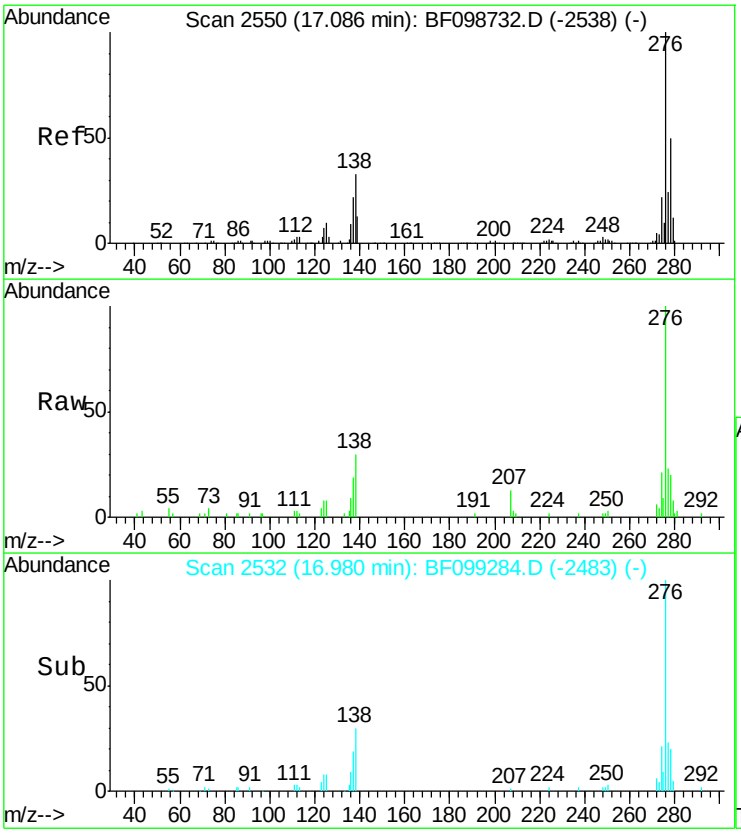
#82
Chrysene
Concen: 7.68 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF099284.D
Acq: 10 Oct 2017 1:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 84895

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	21.3	16.2	24.4

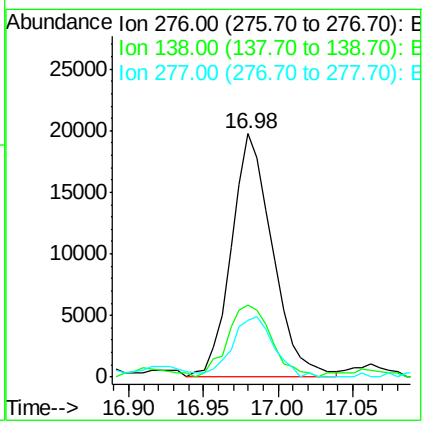


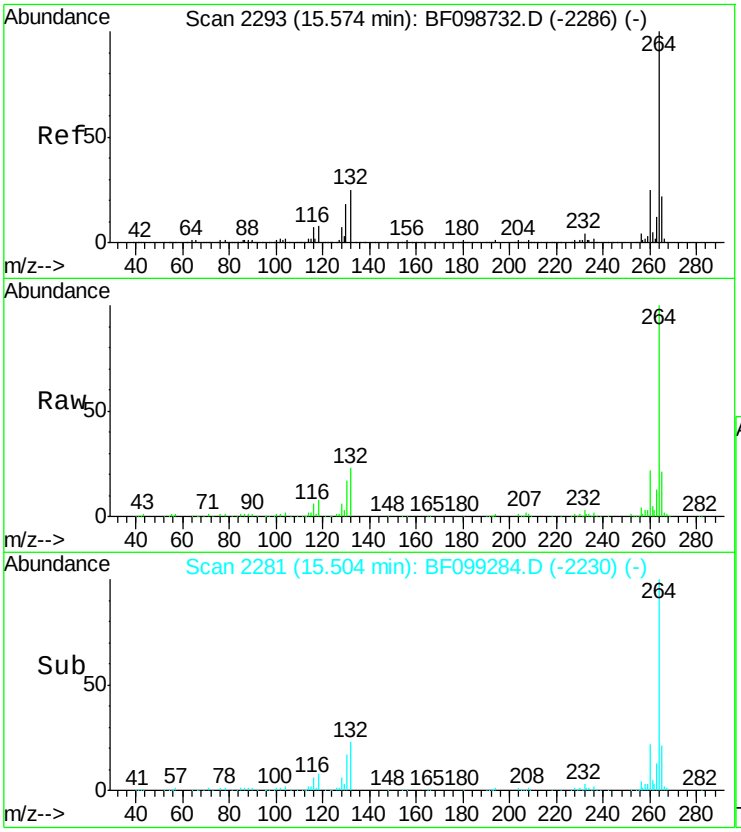


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.29 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.01 min
Lab File: BF099284.D
Acq: 10 Oct 2017 1:28

Tgt Ion:276 Resp: 37969

Ion	Ratio	Lower	Upper
276	100		
138	31.4	25.0	37.6
277	25.0	20.1	30.1



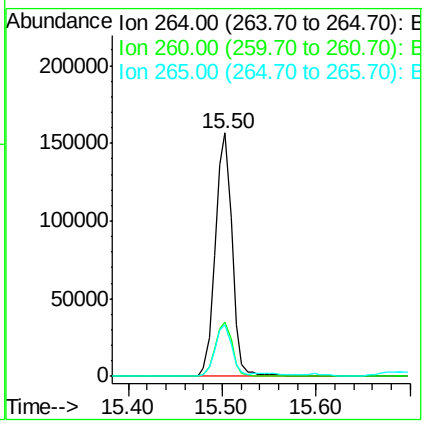


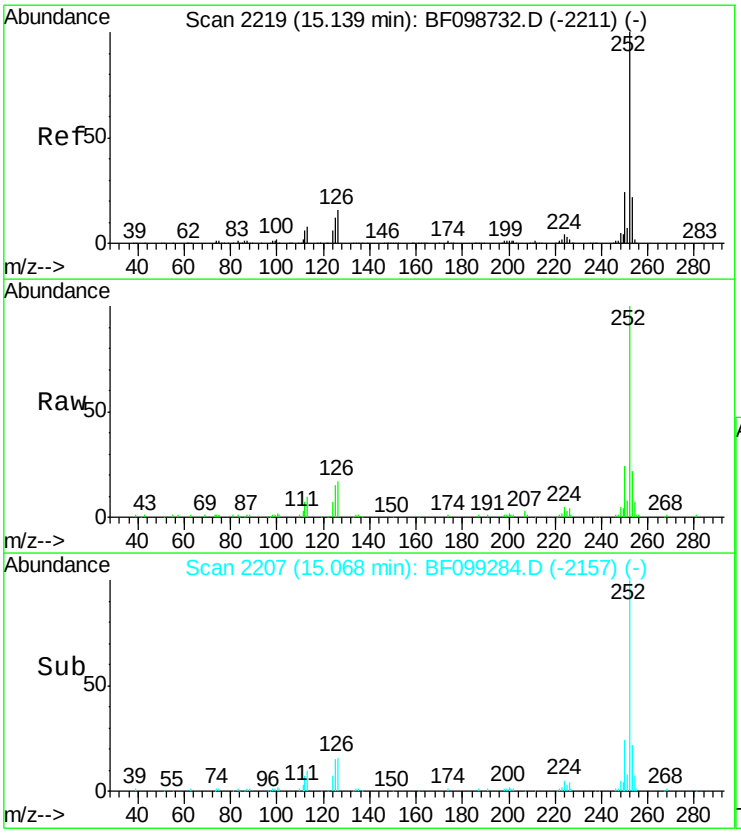
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF099284.D
Acq: 10 Oct 2017 1:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 197523

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.2	28.8
265	21.0	17.5	26.3

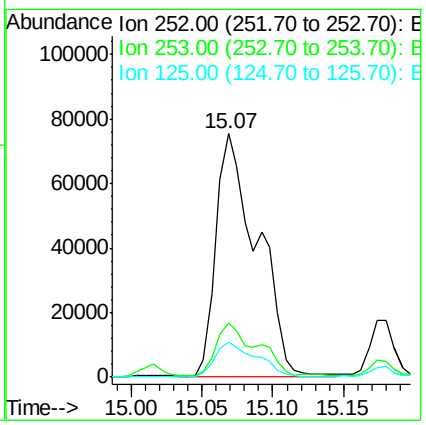


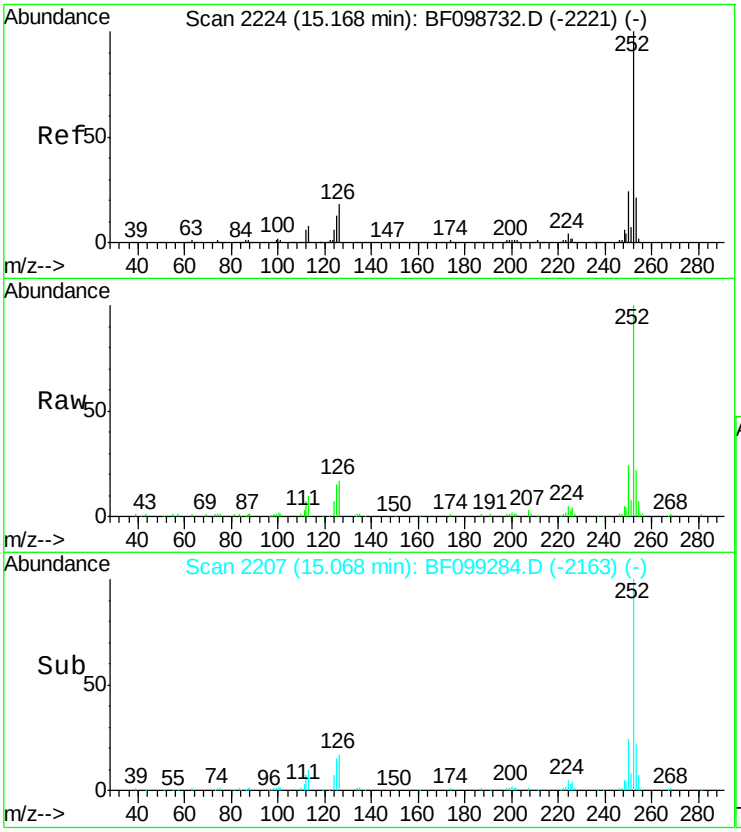


#87
Benzo(b)fluoranthene
Concen: 12.73 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF099284.D
Acq: 10 Oct 2017 1:28

Tgt Ion:252 Resp: 154608

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	14.6	9.0	13.6#



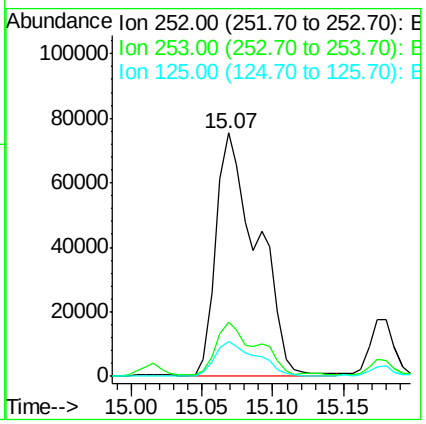


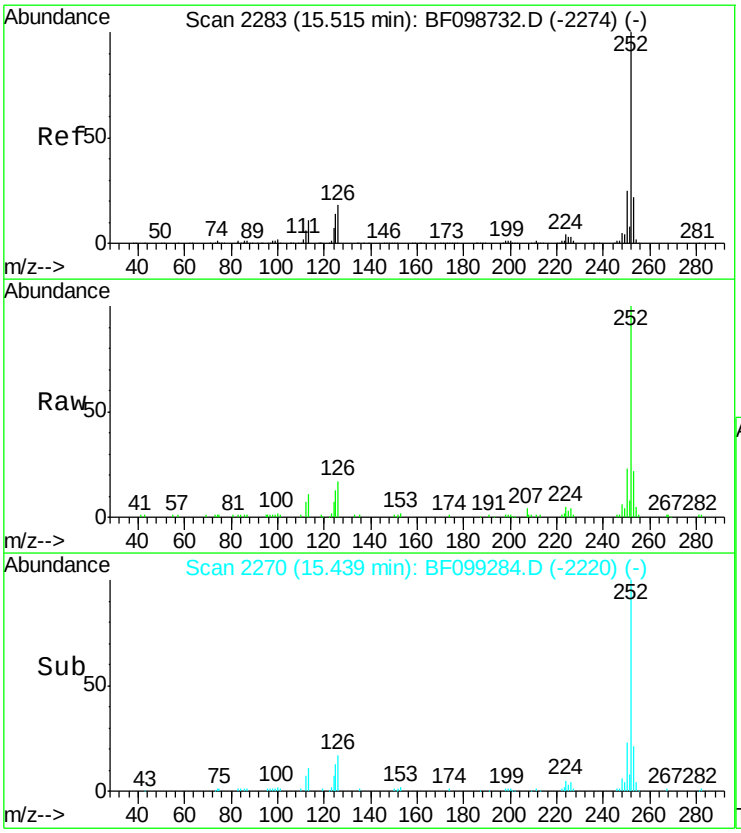
#88
Benzo(k)fluoranthene
Concen: 12.89 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.04 min
Lab File: BF099284.D
Acq: 10 Oct 2017 1:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 154608

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	14.6	10.2	15.2

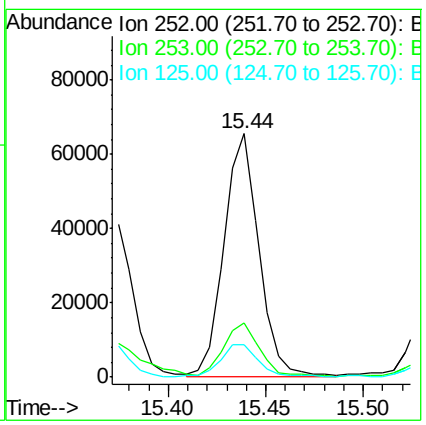


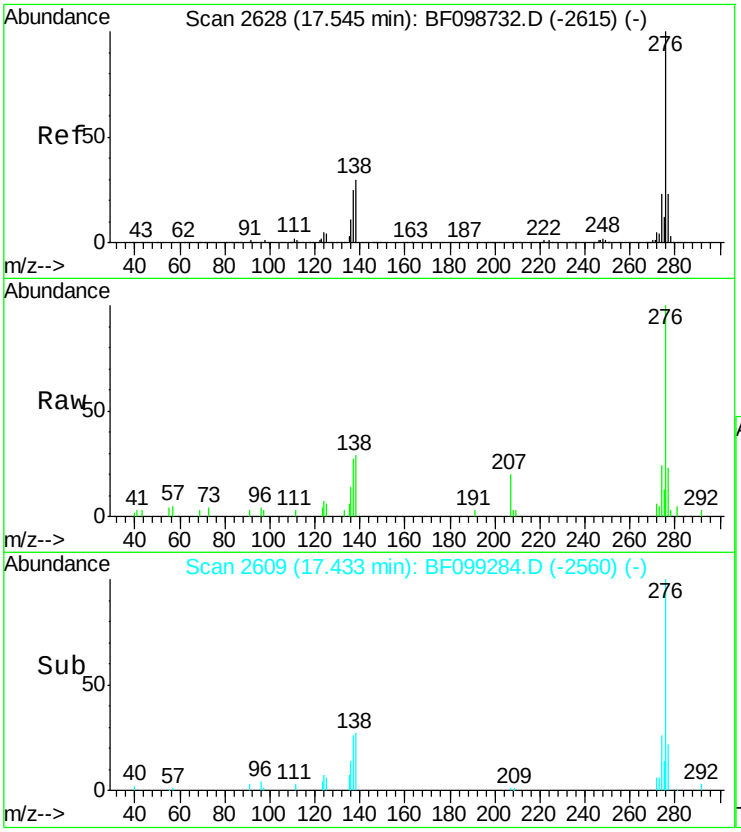


#89
Benzo(a)pyrene
Concen: 7.33 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF099284.D
Acq: 10 Oct 2017 1:28

Tgt Ion:252 Resp: 81665

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	13.5	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 3.52 ng
RT: 17.43 min Scan# 2609
Delta R.T. -0.01 min
Lab File: BF099284.D
Acq: 10 Oct 2017 1:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 31049

Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	28.7	21.8	32.8