Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
Data File : BF099112.D
Acq On : 5 Oct 2017 19:21
Operator : SJ/JU
Sample : I5526-02DL2 100X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 05 19:52:44 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	66344	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	288242	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	133215	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	246092	20.00	ng		0.00
75) Chrysene-d12	14.02	240	178778	20.00	ng		-0.01
86) Perylene-d12	15.50	264	122069	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	2864	0.69	ng		0.00
7) Phenol-d6	6.49	99	2435	0.47	ng		-0.01
23) Nitrobenzene-d5	7.42	82	6186	1.38	ng		-0.01
41) 2,4,6-Tribromophenol	10.69	330	1016	0.93	ng		-0.01
44) 2-Fluorobiphenyl	9.22	172	13460	1.69	ng		-0.01
78) Terphenyl-d14	12.96	244	11020	1.40	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.17	128	1057343	78.104	ng		99
33) 4-Chloroaniline	8.17	127	140968	24.935	ng	#	34
37) 2-Methylnaphthalene	8.86	142	27546	3.130	ng		98
50) 2,6-Dinitrotoluene	9.90	165	16834	7.691	ng	#	26
51) Acenaphthene	9.93	154	24287	2.914	ng		99
54) Dibenzofuran	10.10	168	24325	2.192	ng		99
55) 4-Nitrophenol	10.10	139	9099	4.216	ng	#	9
56) 2,4-Dinitrotoluene	9.90	165	16834	5.926	ng	#	24

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

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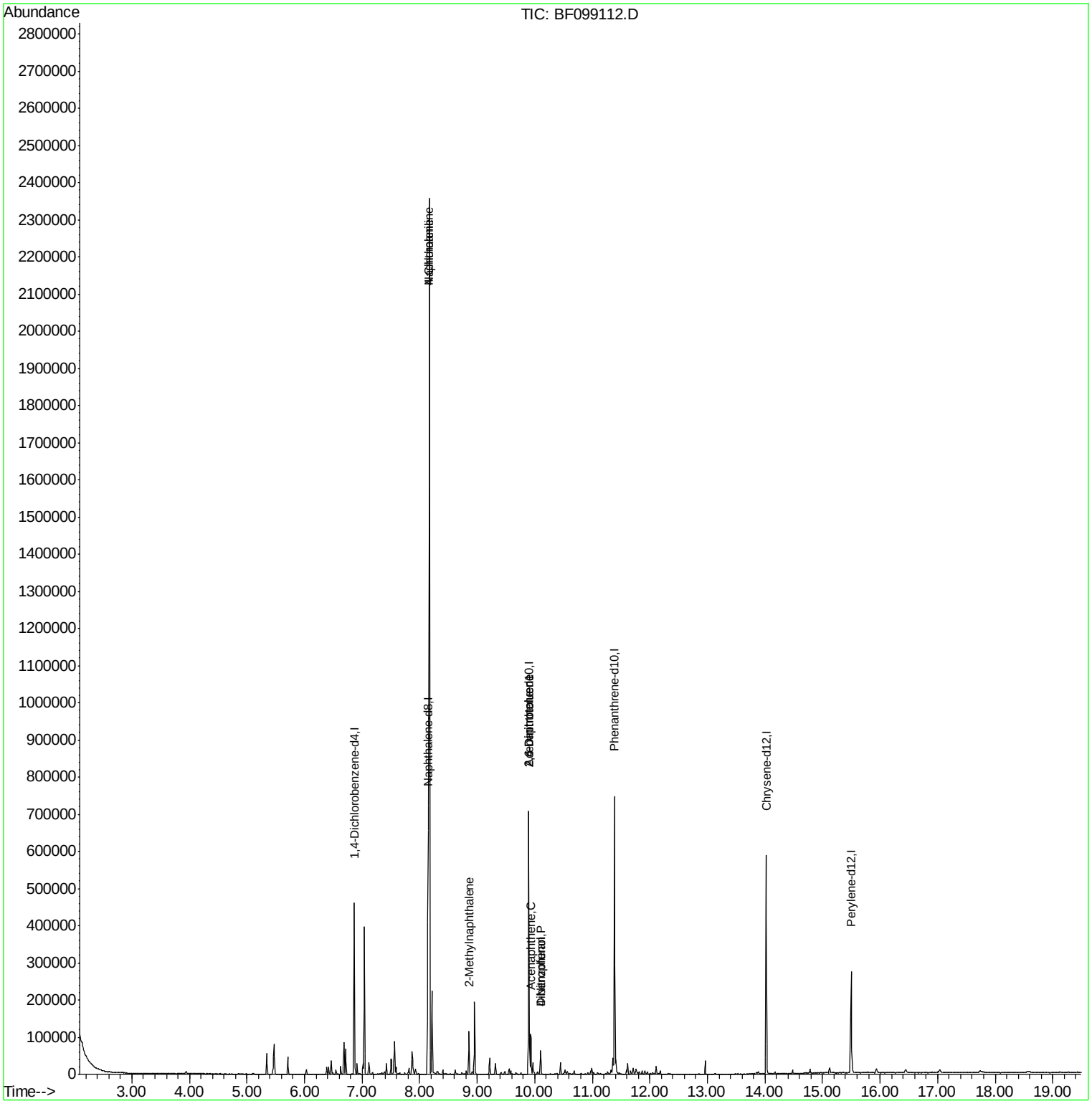
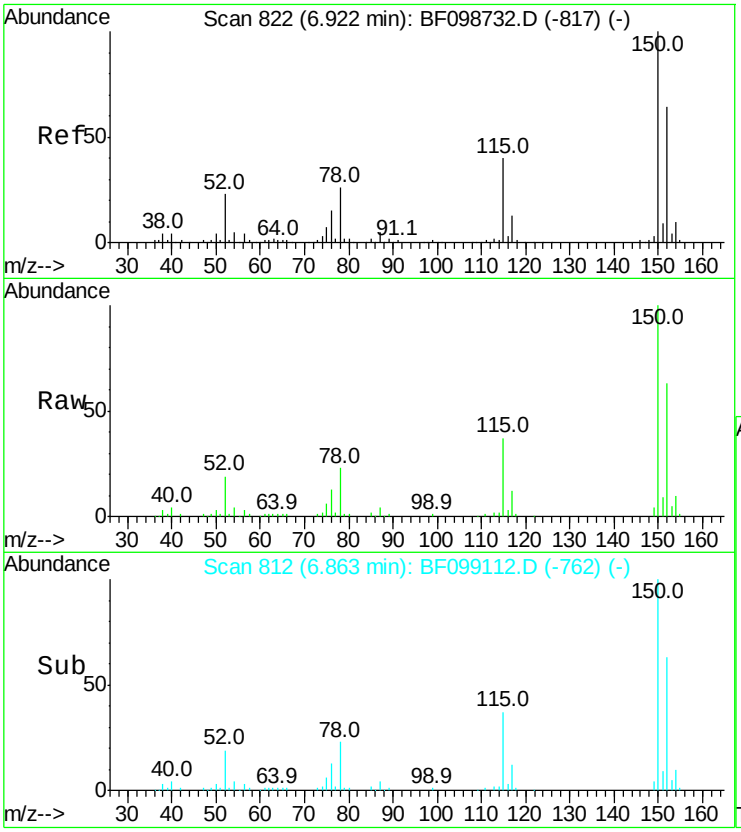


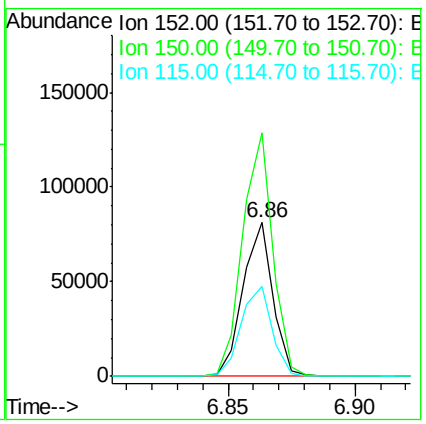


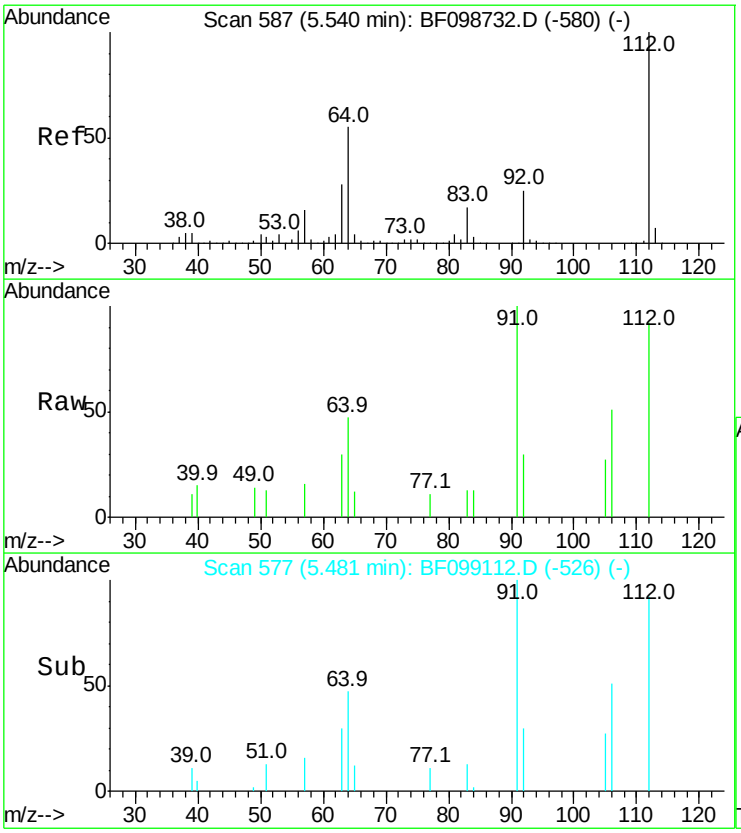
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099112.D
Acq: 5 Oct 2017 19:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 66344

Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	58.6	50.1	75.1

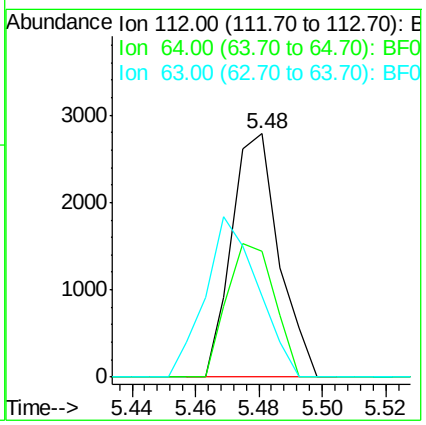


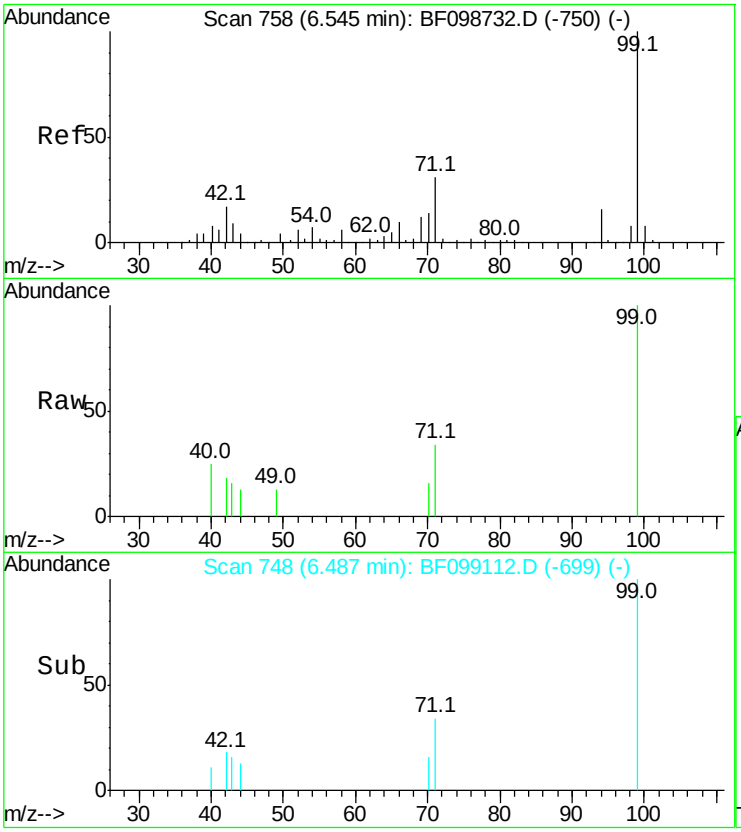


#5
2-Fluorophenol
Concen: 0.687 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF099112.D
Acq: 5 Oct 2017 19:21

Tgt Ion:112 Resp: 2864

Ion	Ratio	Lower	Upper
112	100		
64	51.7	47.9	71.9
63	33.2	23.7	35.5



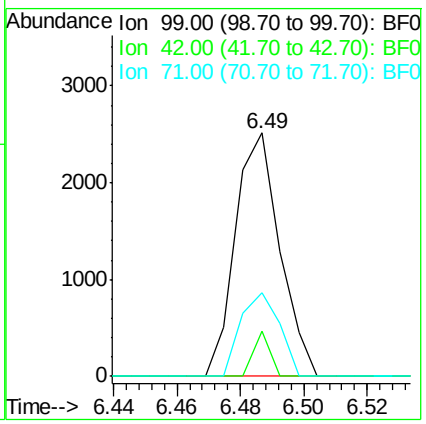


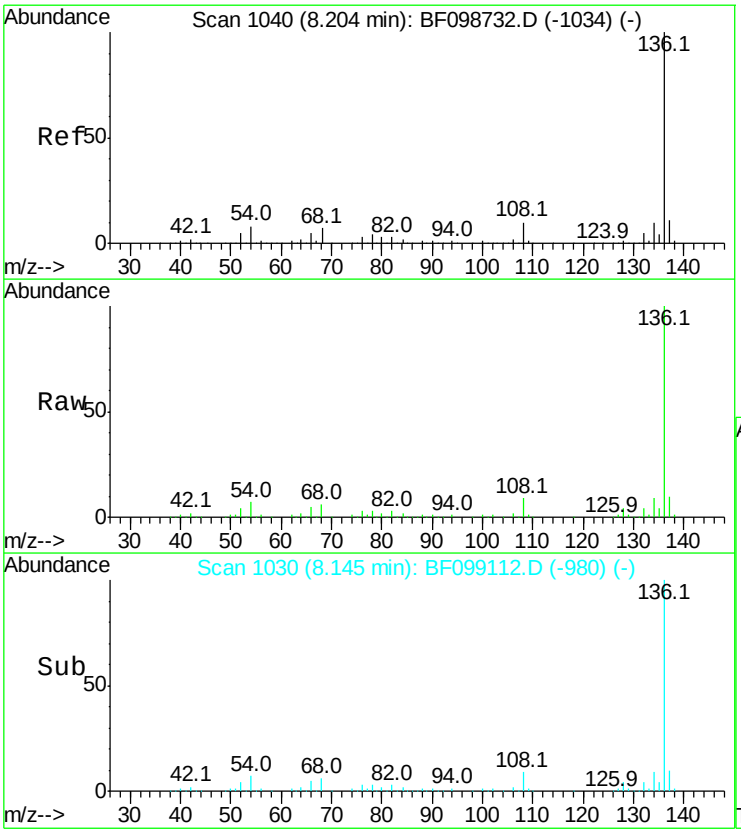
#7
Phenol-d6
Concen: 0.474 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF099112.D
Acq: 5 Oct 2017 19:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 2435

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.5	21.7
71	34.3	25.4	38.0

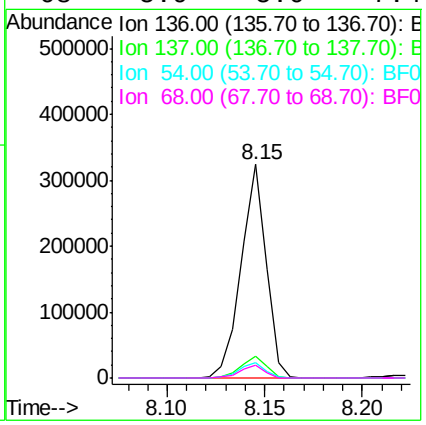


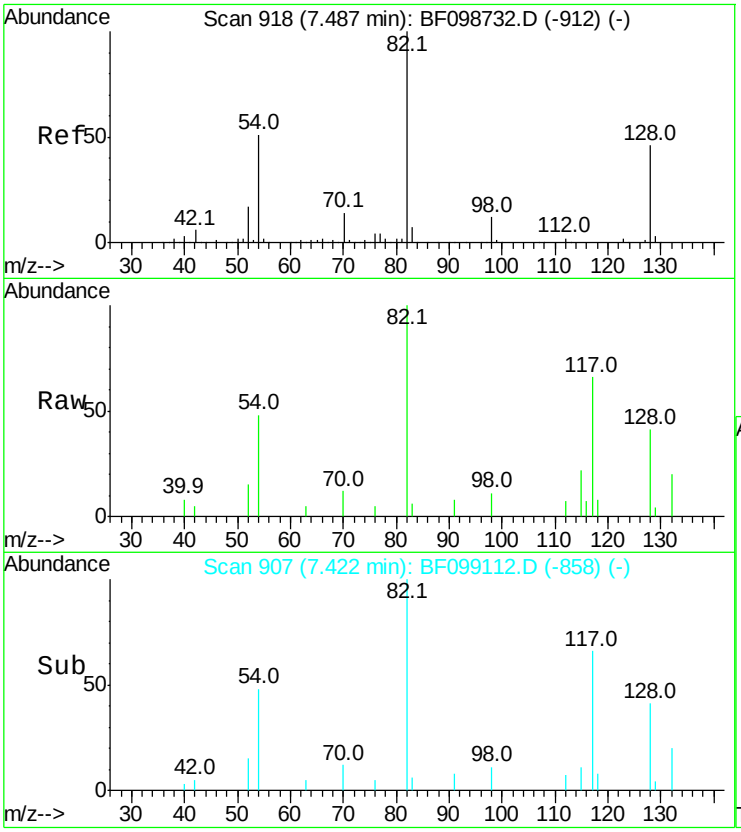


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099112.D
Acq: 5 Oct 2017 19:21

Tgt Ion:136 Resp: 288242

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	7.2	6.6	9.8
68	5.9	5.0	7.4



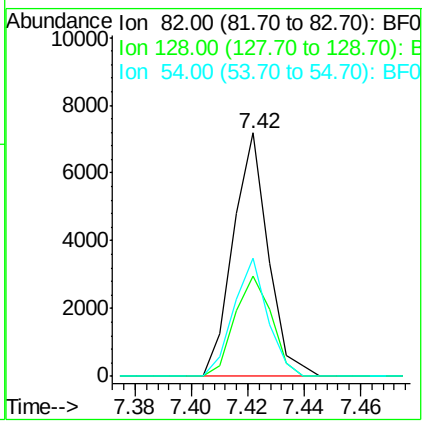


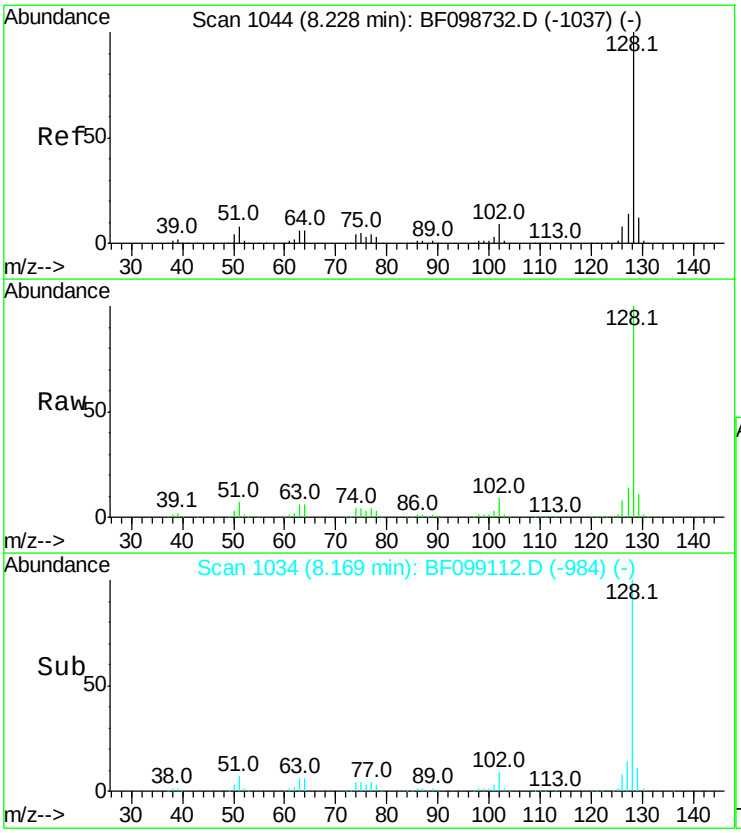
#23
Nitrobenzene-d5
Concen: 1.376 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF099112.D
Acq: 5 Oct 2017 19:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 6186

Ion	Ratio	Lower	Upper
82	100		
128	41.3	36.1	54.1
54	48.5	41.4	62.2

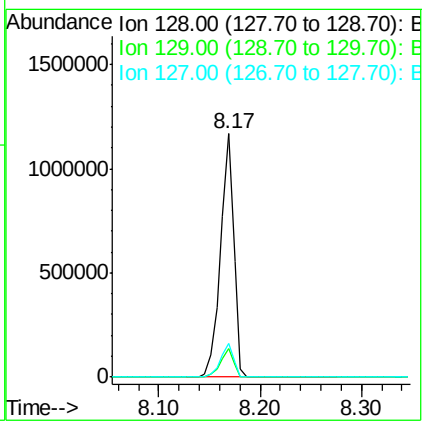


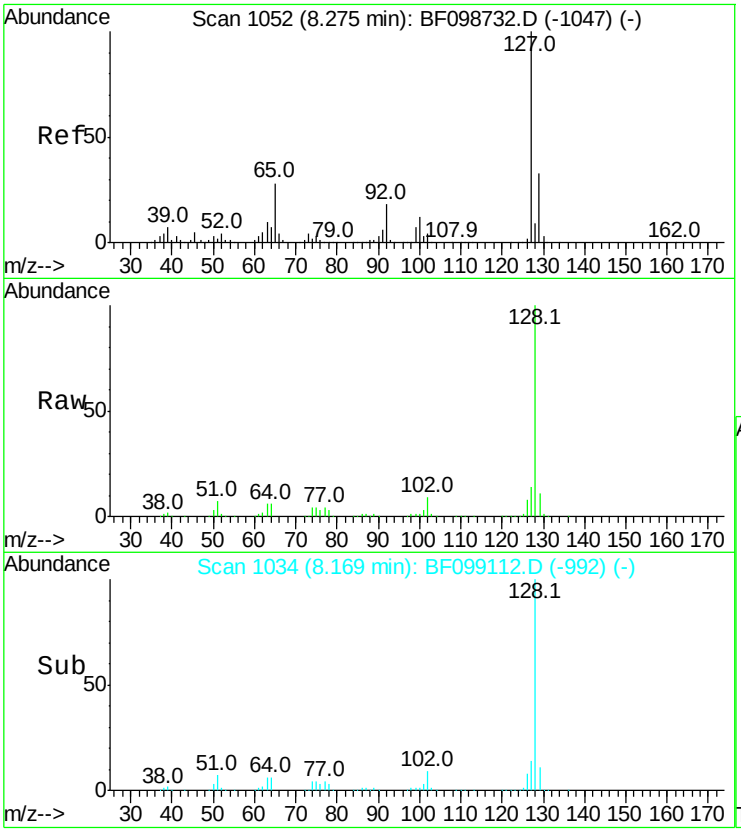


#31
Naphthalene
Concen: 78.104 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF099112.D
Acq: 5 Oct 2017 19:21

Tgt Ion:128 Resp: 1057343

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.9	10.9	16.3



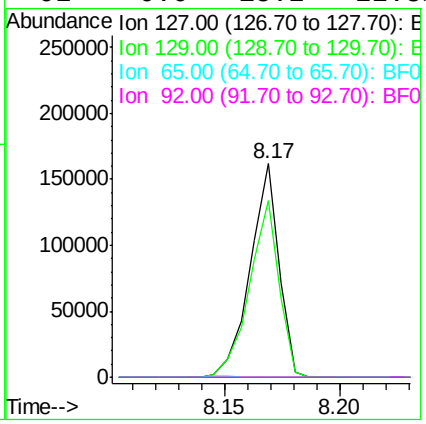


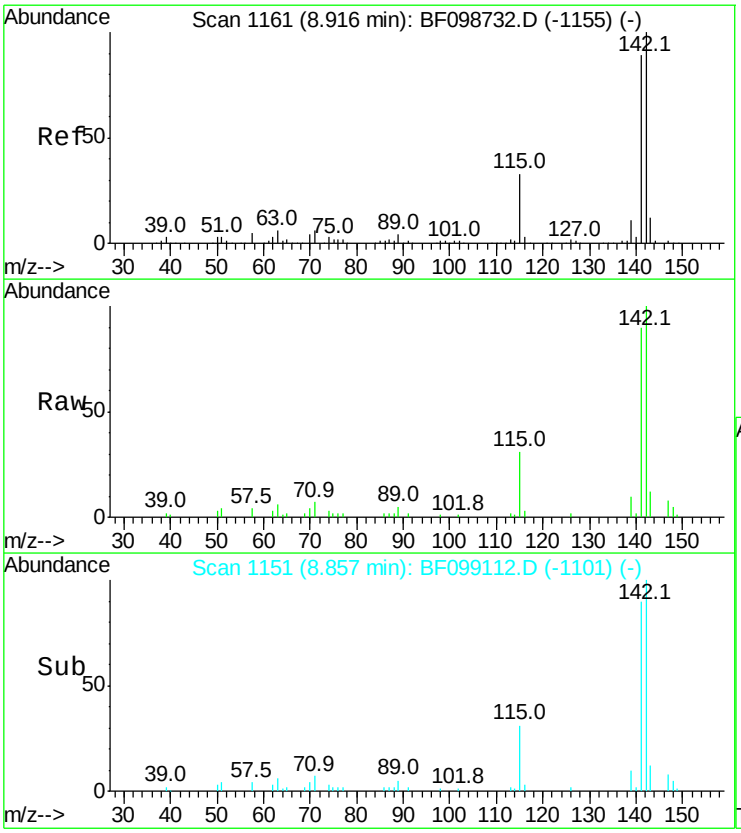
#33
4-Chloroaniline
Concen: 24.935 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.05 min
Lab File: BF099112.D
Acq: 5 Oct 2017 19:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 140968

Ion	Ratio	Lower	Upper
127	100		
129	82.9	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

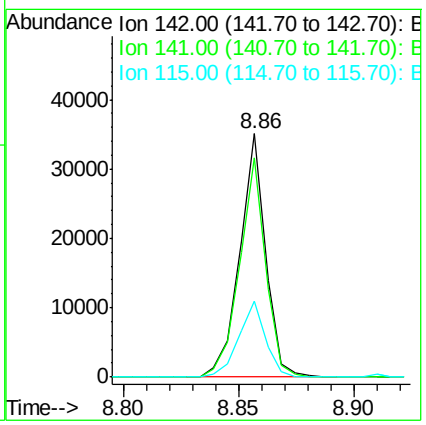


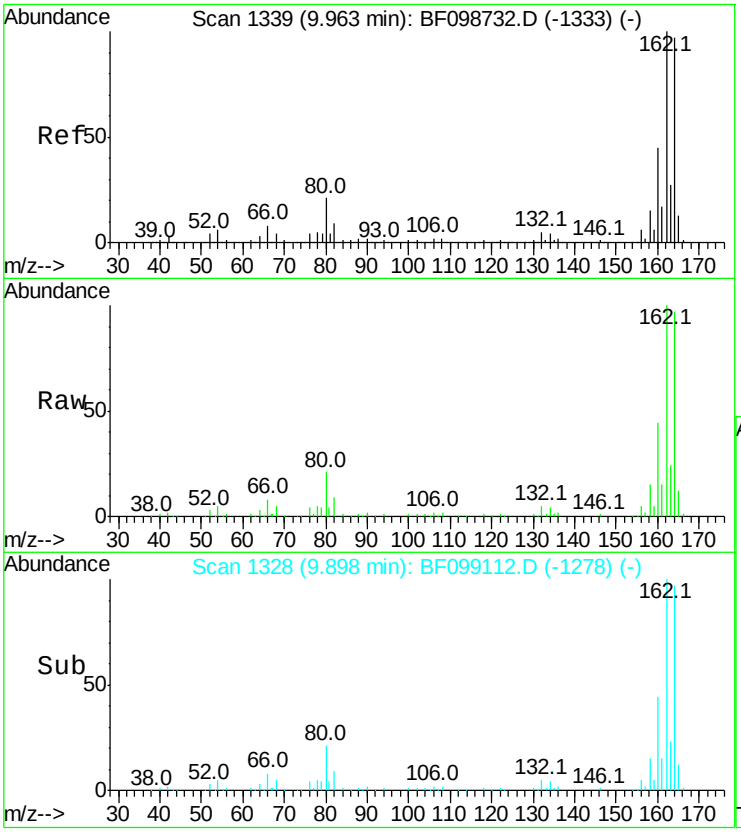


#37
2-Methylnaphthalene
Concen: 3.130 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF099112.D
Acq: 5 Oct 2017 19:21

Tgt Ion:142 Resp: 27546

Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.8	106.2
115	31.4	26.1	39.1



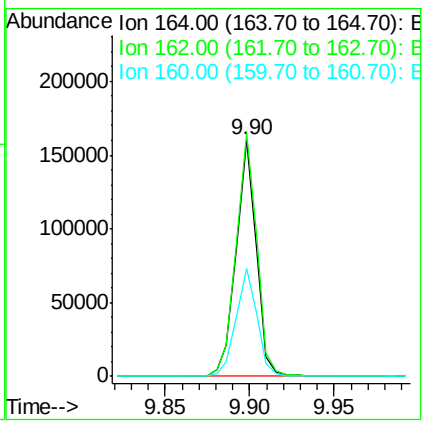


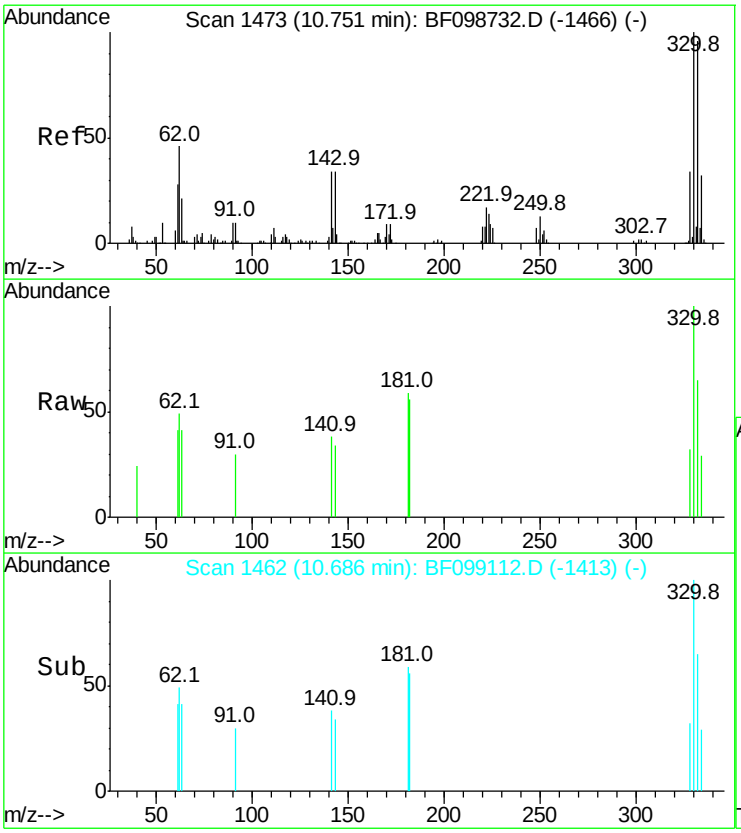
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099112.D
Acq: 5 Oct 2017 19:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 133215

Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	45.7	38.3	57.5

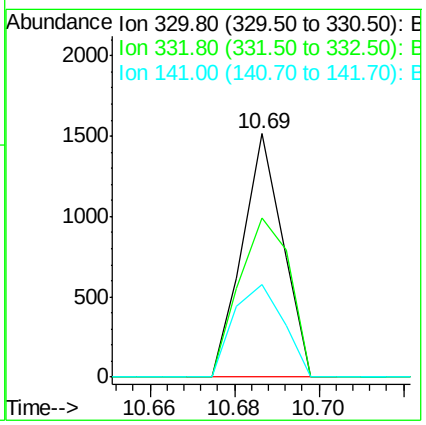


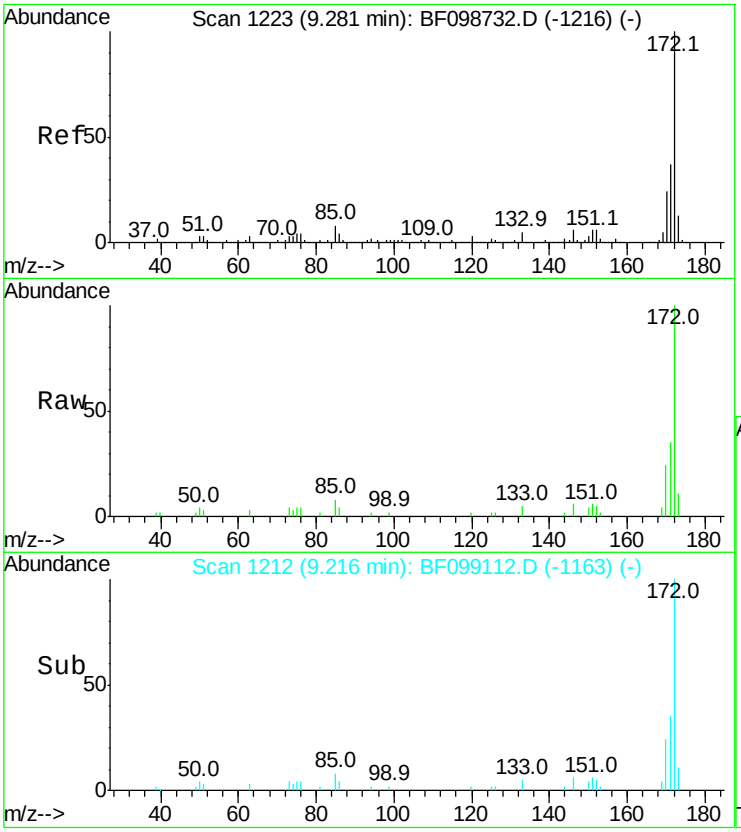


#41
2,4,6-Tribromophenol
Concen: 0.932 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF099112.D
Acq: 5 Oct 2017 19:21

Tgt Ion:330 Resp: 1016

Ion	Ratio	Lower	Upper
330	100		
332	80.9	77.0	115.6
141	46.8	29.9	44.9#



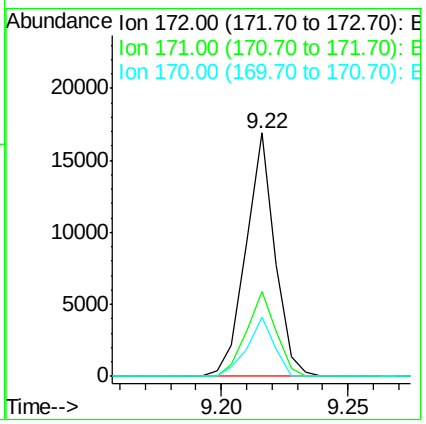


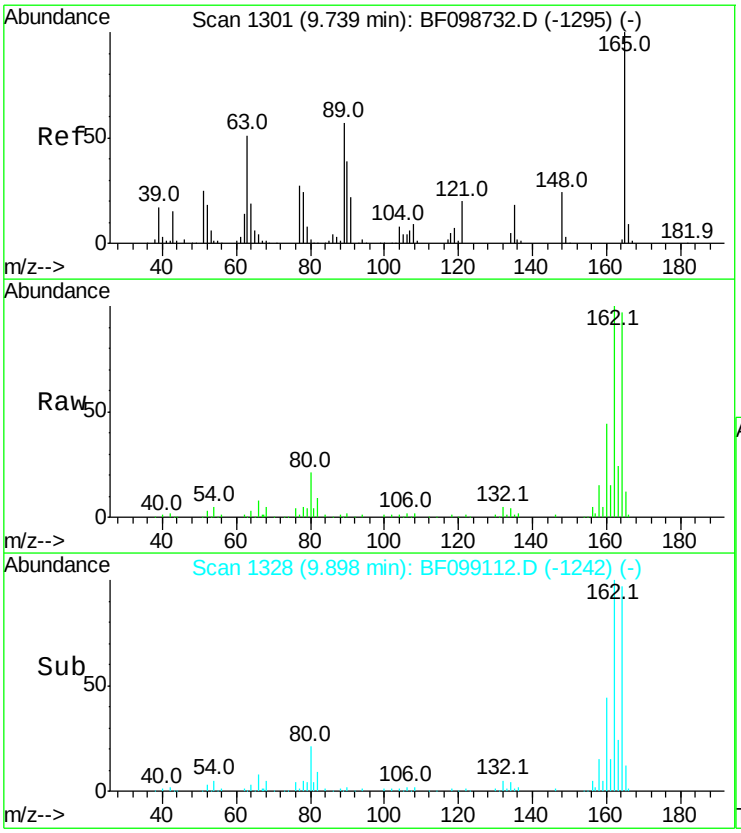
#44
2-Fluorobiphenyl
Concen: 1.687 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF099112.D
Acq: 5 Oct 2017 19:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 13460

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	24.3	19.6	29.4

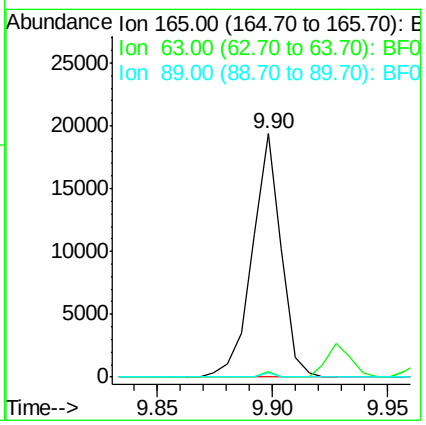


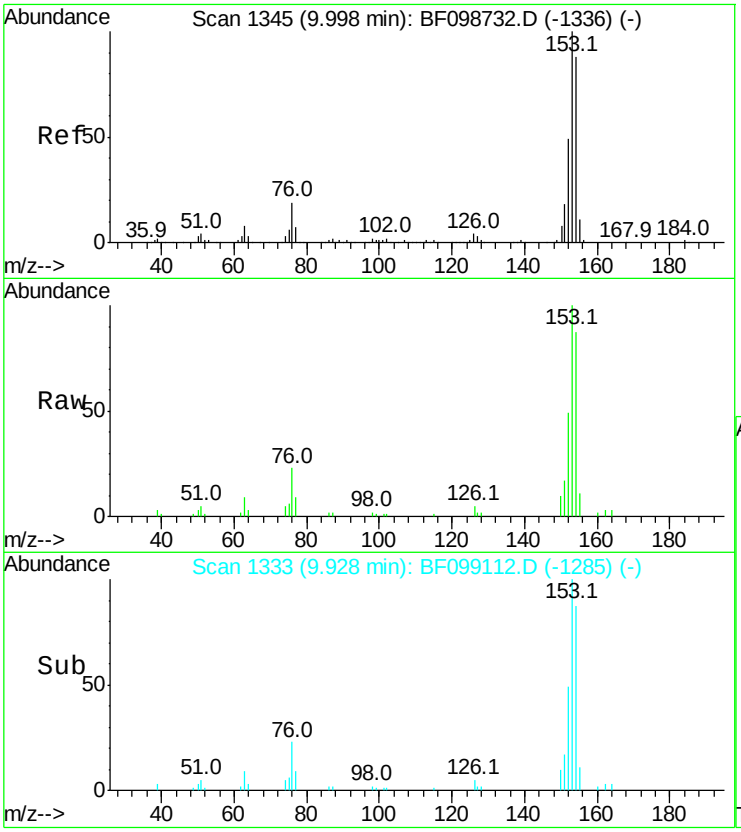


#50
2,6-Dinitrotoluene
Concen: 7.691 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.21 min
Lab File: BF099112.D
Acq: 5 Oct 2017 19:21

Tgt Ion:165 Resp: 16834

Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.7	67.1#
89	1.6	44.0	66.0#



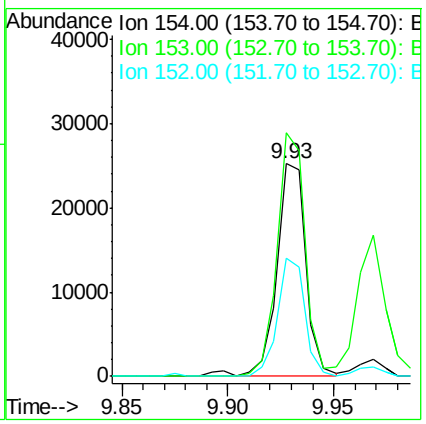


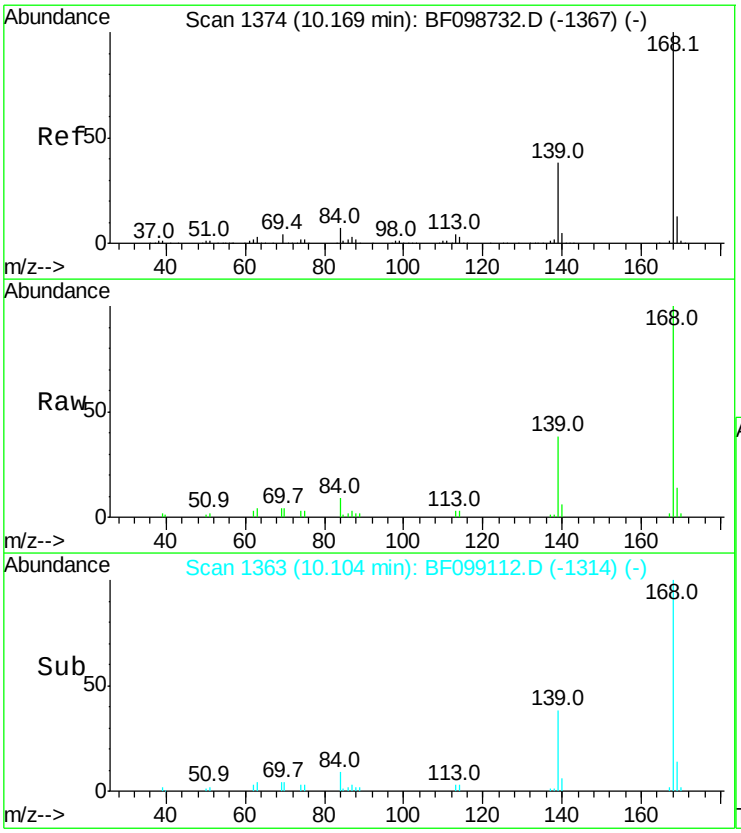
#51
Acenaphthene
Concen: 2.914 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BF099112.D
Acq: 5 Oct 2017 19:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 24287

Ion	Ratio	Lower	Upper
154	100		
153	114.7	91.2	136.8
152	55.9	43.8	65.8

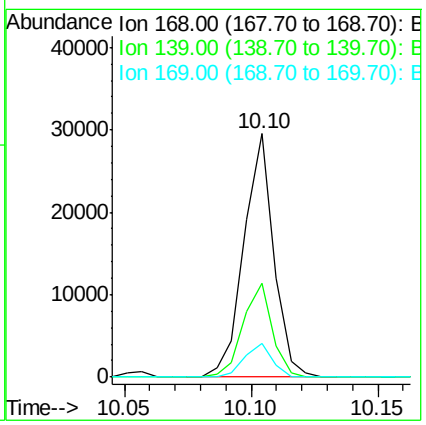


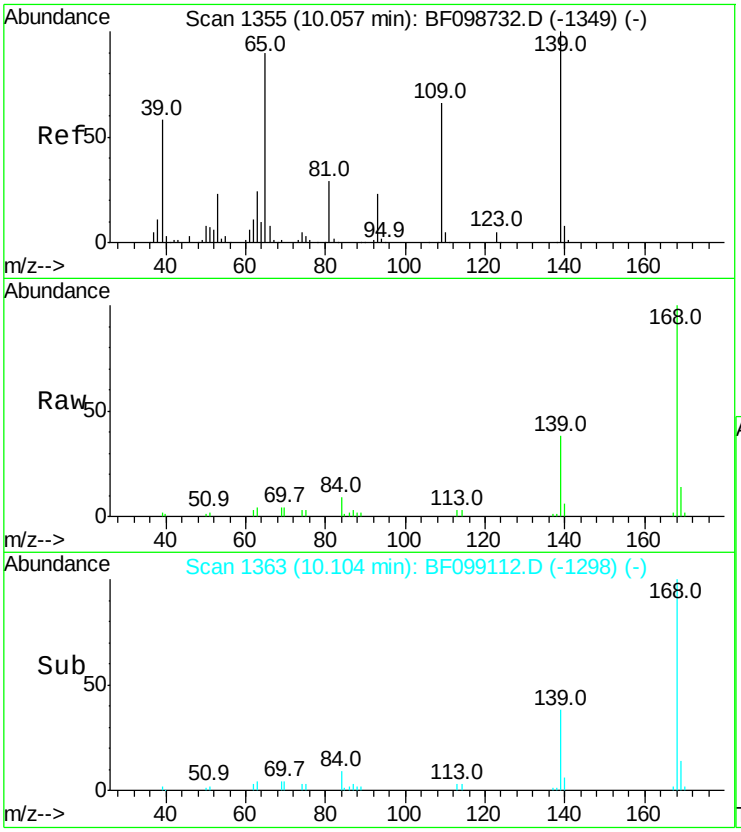


#54
Dibenzofuran
Concen: 2.192 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF099112.D
Acq: 5 Oct 2017 19:21

Tgt Ion:168 Resp: 24325

Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.1	45.1
169	13.8	10.9	16.3



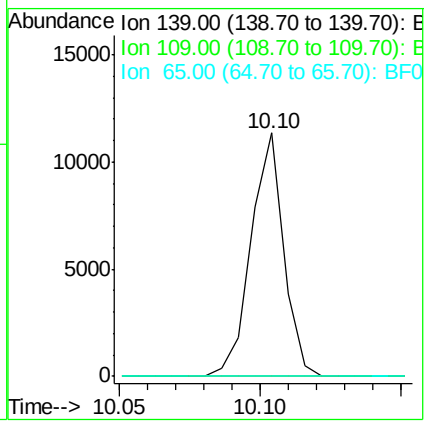


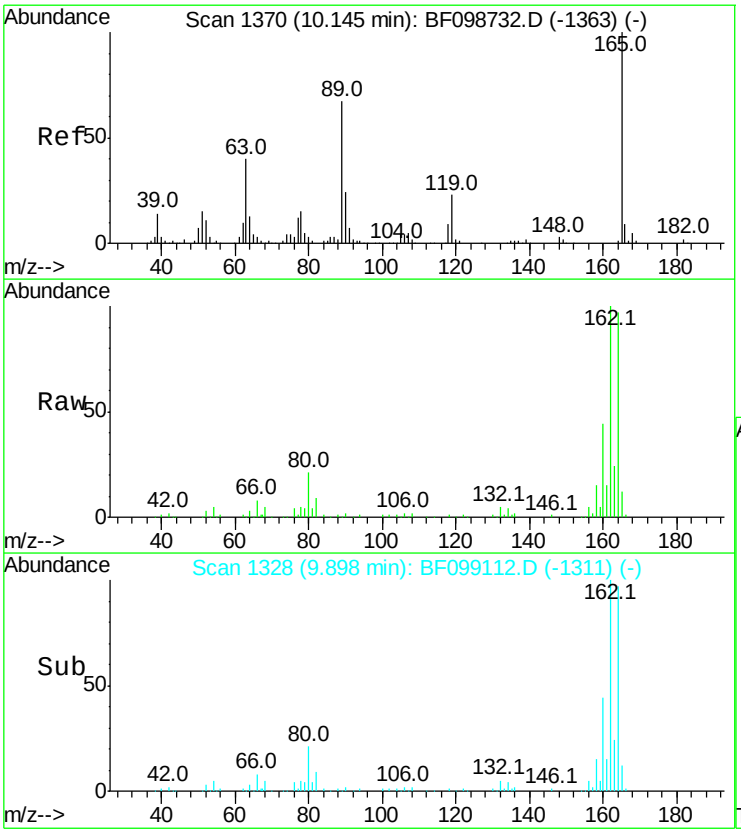
#55
4-Nitrophenol
Concen: 4.216 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.08 min
Lab File: BF099112.D
Acq: 5 Oct 2017 19:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 9099

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

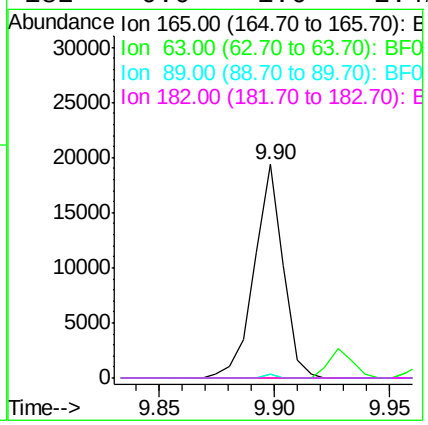


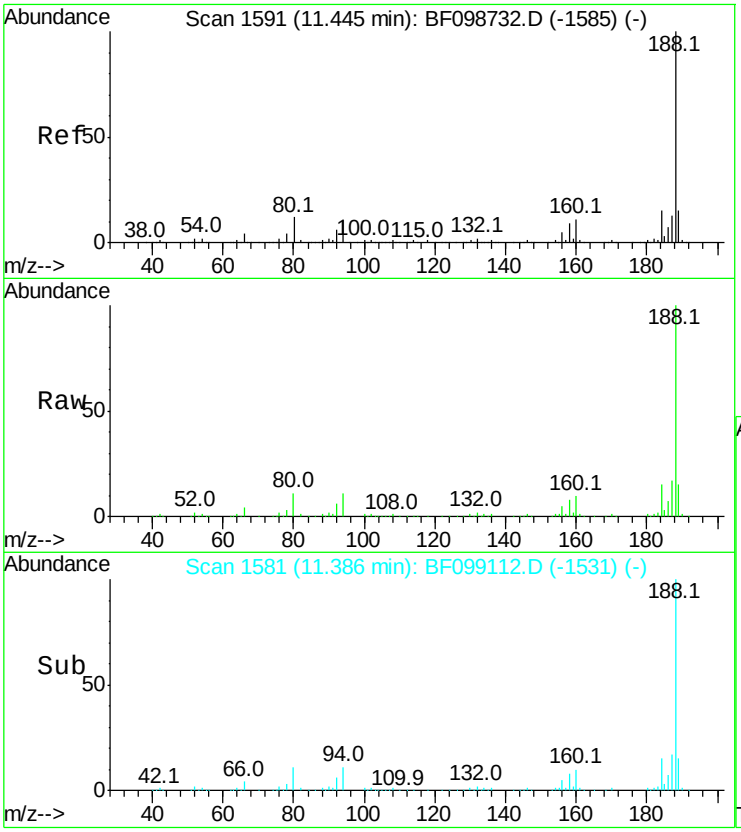


#56
2,4-Dinitrotoluene
Concen: 5.926 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.20 min
Lab File: BF099112.D
Acq: 5 Oct 2017 19:21

Tgt Ion:165 Resp: 16834

Ion	Ratio	Lower	Upper
165	100		
63	2.1	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



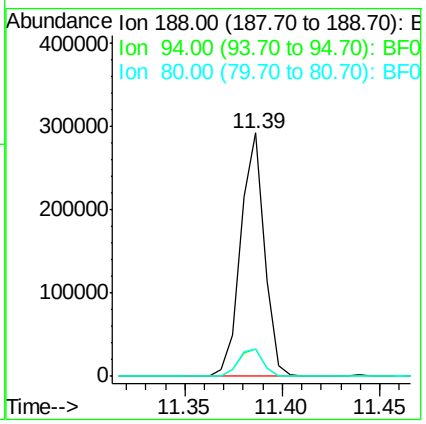


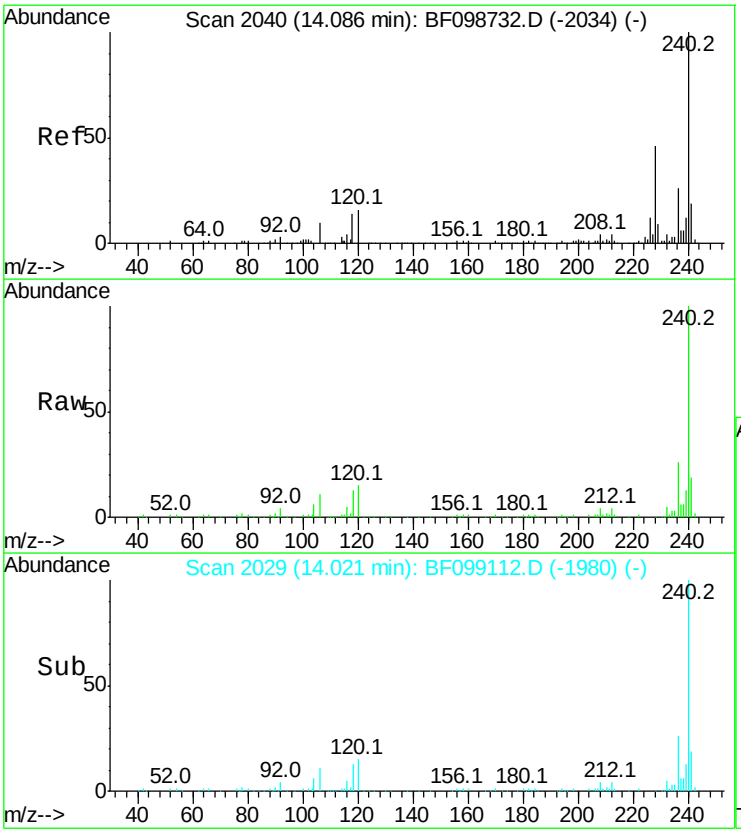
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099112.D
Acq: 5 Oct 2017 19:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 246092

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.2	9.2	13.8

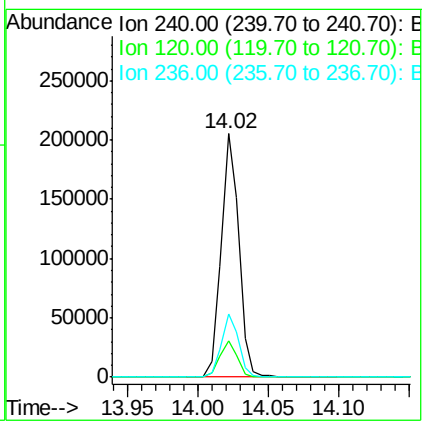


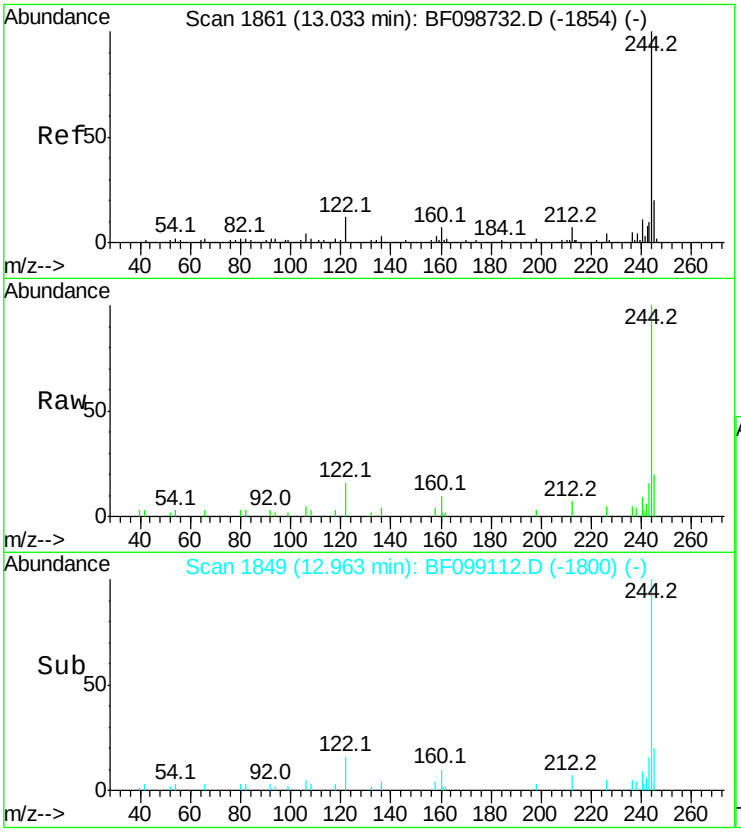


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099112.D
Acq: 5 Oct 2017 19:21

Tgt Ion:240 Resp: 178778

Ion	Ratio	Lower	Upper
240	100		
120	15.1	9.5	14.3#
236	26.1	20.7	31.1



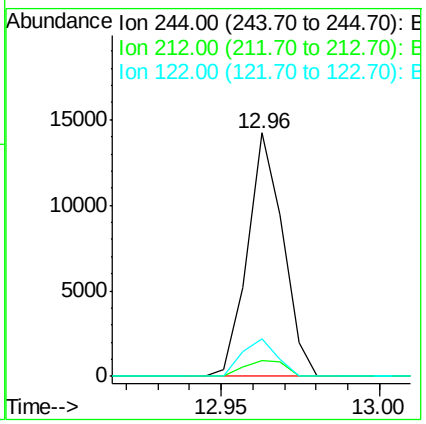


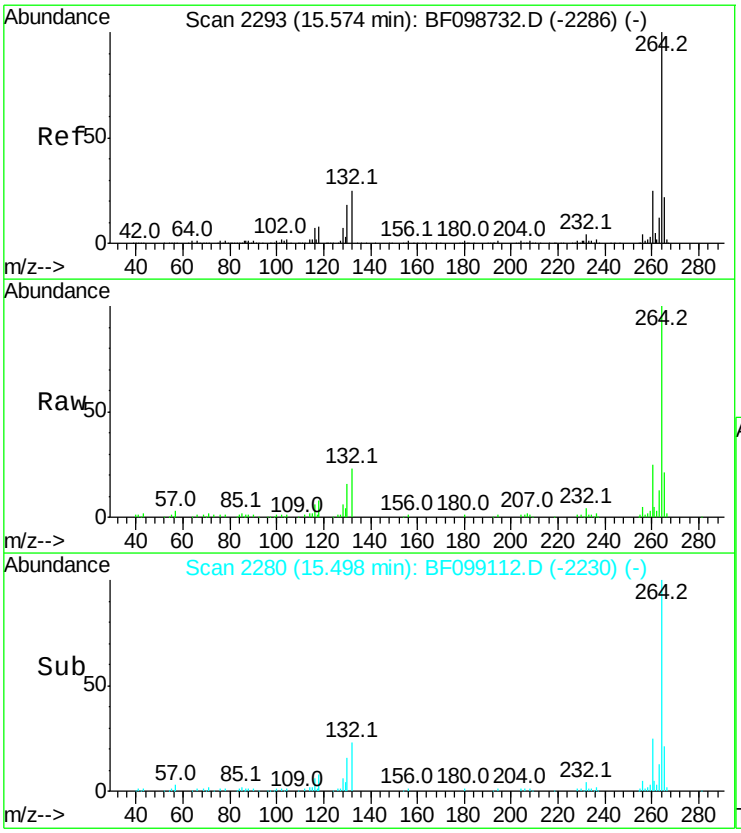
#78
Terphenyl-d14
Concen: 1.402 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF099112.D
Acq: 5 Oct 2017 19:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 11020

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	15.6	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF099112.D
Acq: 5 Oct 2017 19:21

Tgt Ion:264 Resp: 122069

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	21.3	17.5	26.3