Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
Data File : BF099649.D
Acq On : 19 Oct 2017 6:54
Operator : SJ/JU
Sample : I5929-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 19 16:24:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 18 22:24:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	90709	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	322064	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	115011	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	187289	20.00	ng		0.00
75) Chrysene-d12	13.99	240	191757	20.00	ng		0.00
86) Perylene-d12	15.46	264	147630	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	722616	126.82	ng		0.02
7) Phenol-d6	6.47	99	769062	109.41	ng		0.00
23) Nitrobenzene-d5	7.40	82	493775	98.32	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	132743	141.05	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	832571	120.85	ng		0.00
78) Terphenyl-d14	12.93	244	664733	78.84	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	61567	13.718	ng	#	73
25) Isophorone	7.40	82	493767	47.555	ng	#	64
31) Naphthalene	8.13	128	157084	10.385	ng		99
33) 4-Chloroaniline	8.13	127	20565	3.256	ng	#	33
37) 2-Methylnaphthalene	8.82	142	31880	3.242	ng		97
50) 2,6-Dinitrotoluene	9.86	165	15300	8.096	ng	#	24
51) Acenaphthene	9.89	154	34937	4.855	ng		96
54) Dibenzofuran	10.07	168	39791	4.153	ng		95
55) 4-Nitrophenol	10.07	139	13318	7.148	ng	#	9
56) 2,4-Dinitrotoluene	9.86	165	15300	6.238	ng	#	21
57) Fluorene	10.41	166	28935	3.757	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	8918	4.865	ng	#	1
70) Phenanthrene	11.37	178	69849	6.967	ng		97
71) Anthracene	11.37	178	69849	6.810	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
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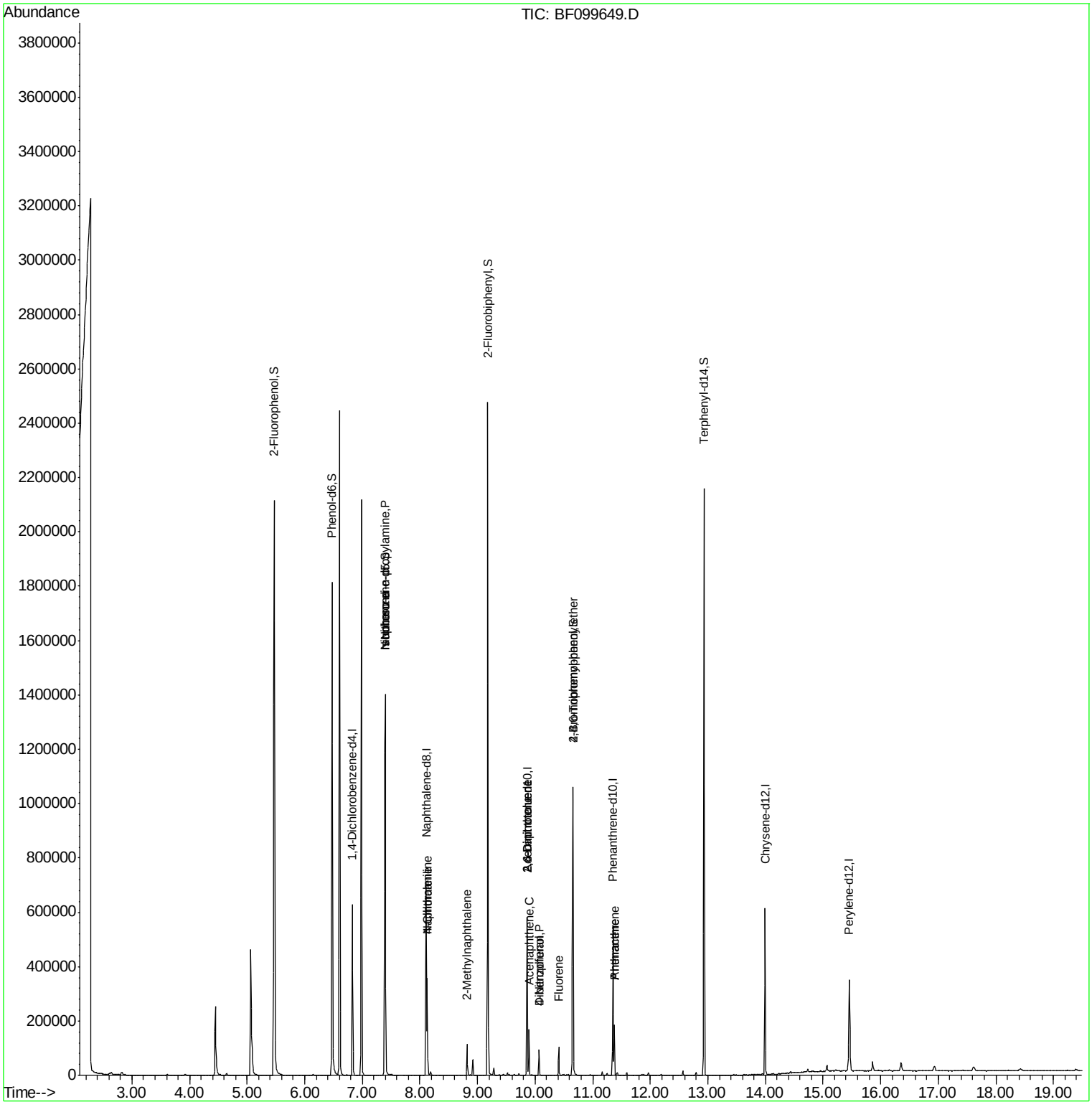
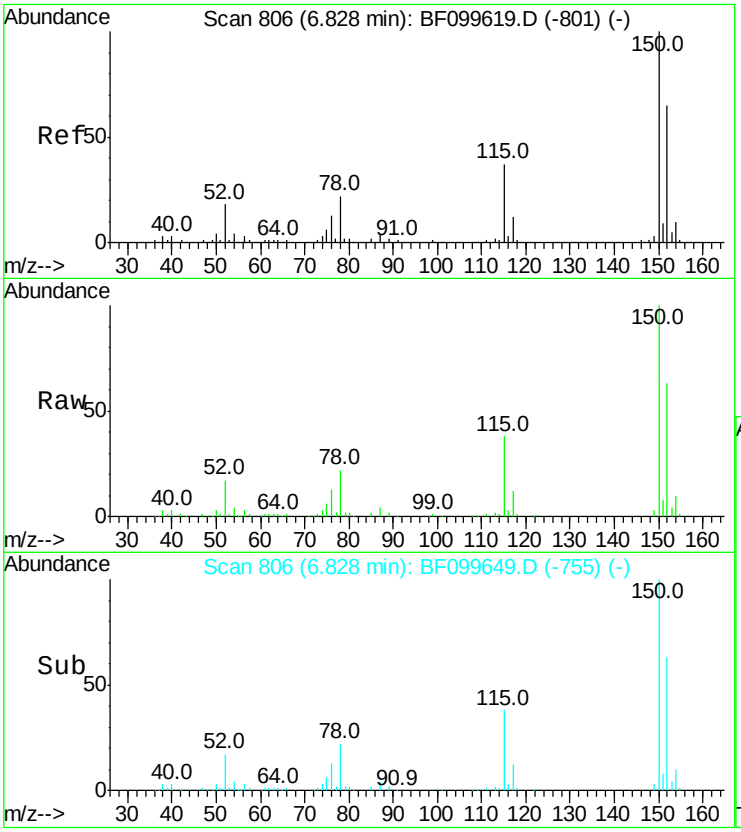


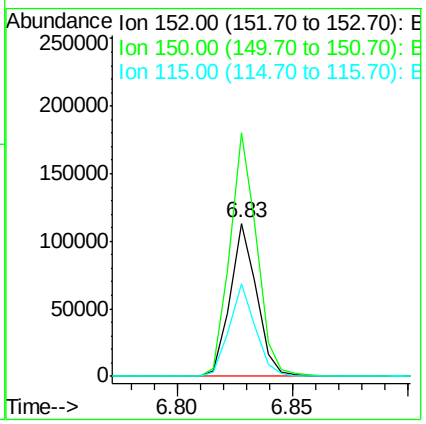


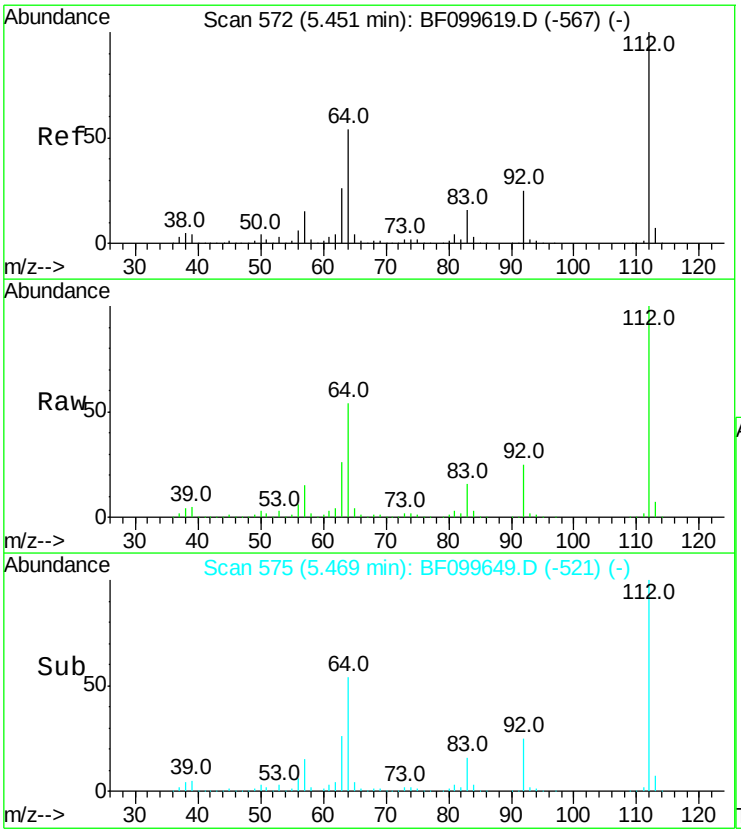
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF099649.D
Acq: 19 Oct 2017 6:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 90709

Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	60.5	50.1	75.1

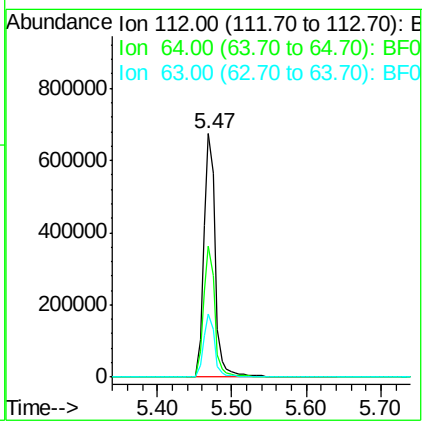


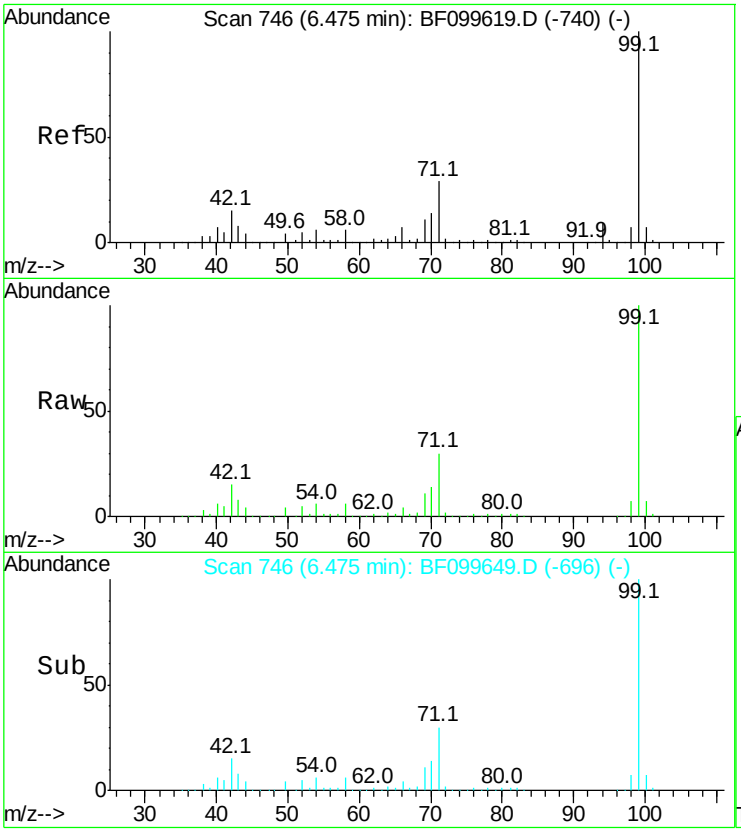


#5
2-Fluorophenol
Concen: 126.816 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.02 min
Lab File: BF099649.D
Acq: 19 Oct 2017 6:54

Tgt Ion:112 Resp: 722616

Ion	Ratio	Lower	Upper
112	100		
64	53.6	47.9	71.9
63	26.1	23.7	35.5



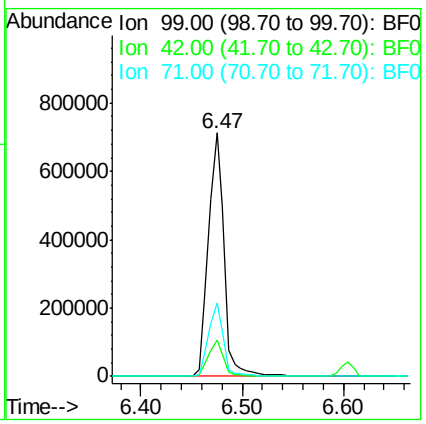


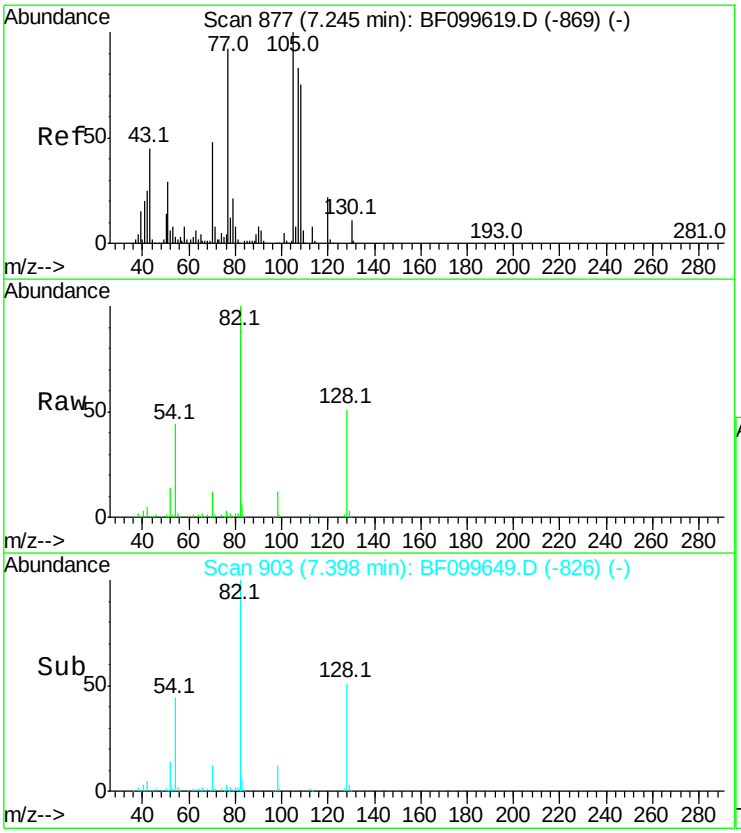
#7
Phenol-d6
Concen: 109.408 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF099649.D
Acq: 19 Oct 2017 6:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 769062

Ion	Ratio	Lower	Upper
99	100		
42	15.1	14.5	21.7
71	30.0	25.4	38.0

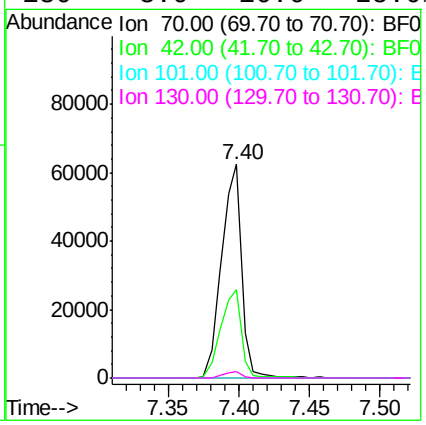


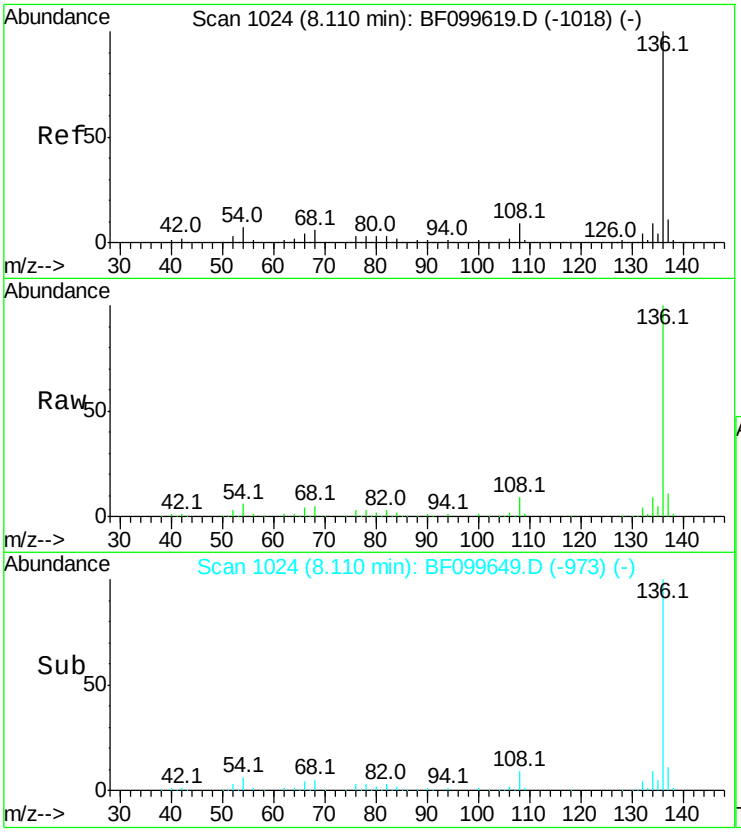


#19
n-Nitroso-di-n-propylamine
Concen: 13.718 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.15 min
Lab File: BF099649.D
Acq: 19 Oct 2017 6:54

Tgt Ion: 70 Resp: 61567

Ion	Ratio	Lower	Upper
70	100		
42	41.5	47.5	71.3#
101	0.0	7.4	11.2#
130	3.0	16.6	25.0#



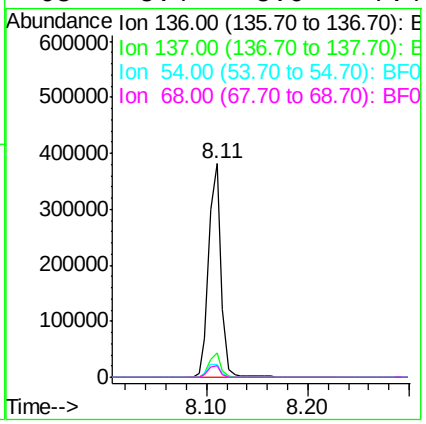


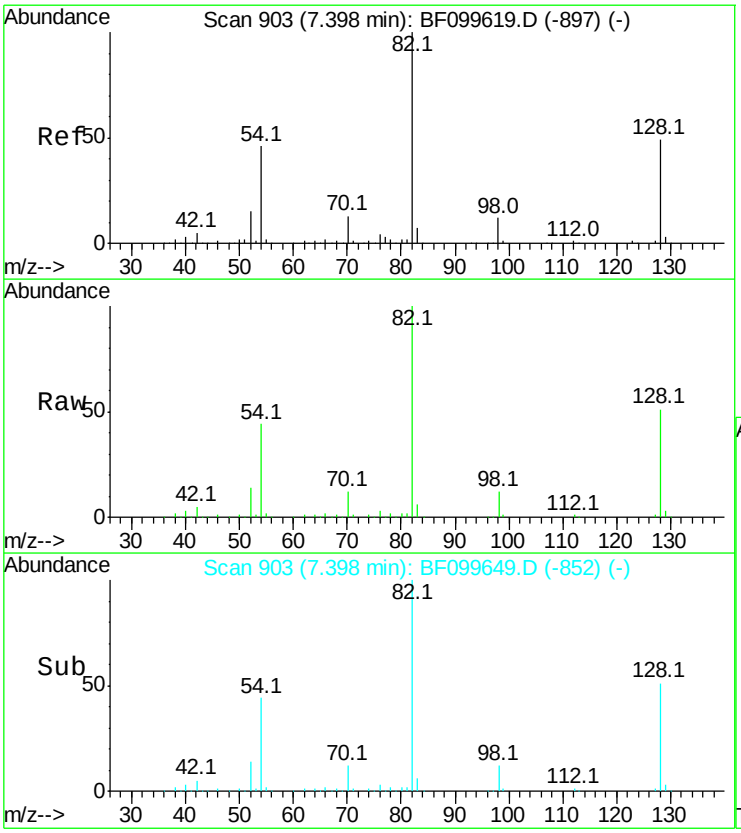
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF099649.D
Acq: 19 Oct 2017 6:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 322064

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.3	6.6	9.8#
68	5.4	5.0	7.4

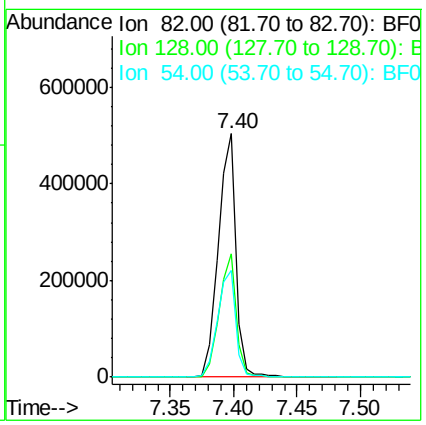


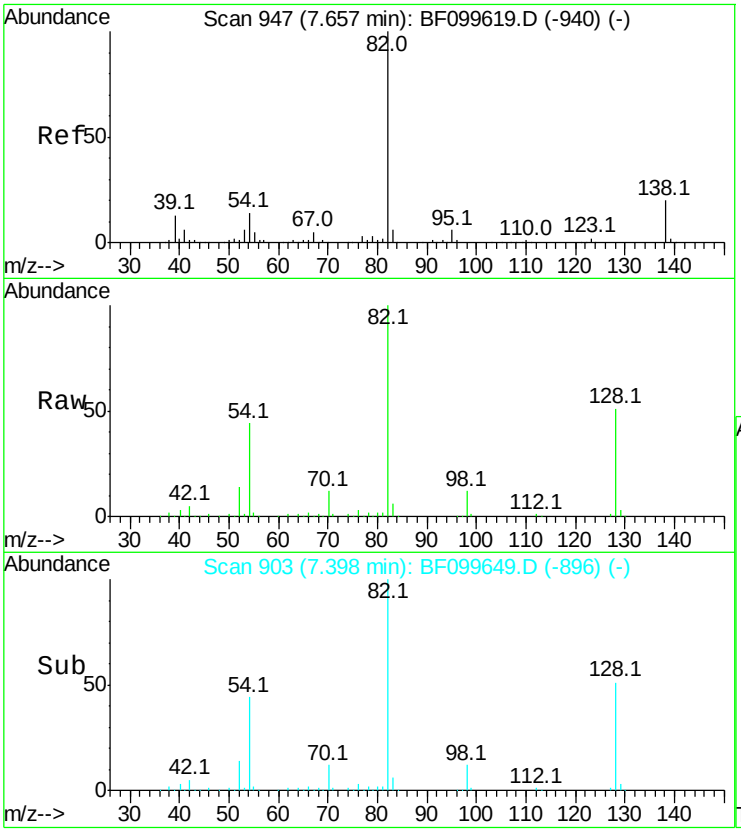


#23
Nitrobenzene-d5
Concen: 98.322 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF099649.D
Acq: 19 Oct 2017 6:54

Tgt Ion: 82 Resp: 493775

Ion	Ratio	Lower	Upper
82	100		
128	50.8	36.1	54.1
54	43.7	41.4	62.2



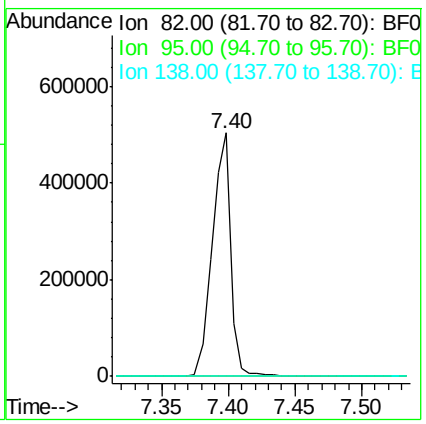


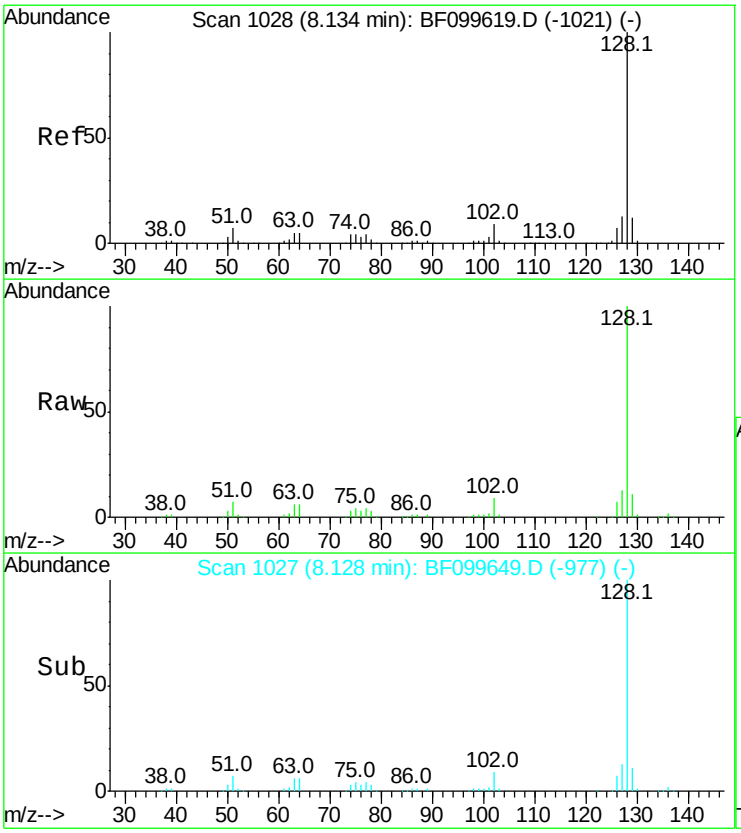
#25
Isophorone
Concen: 47.555 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.26 min
Lab File: BF099649.D
Acq: 19 Oct 2017 6:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 493767

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

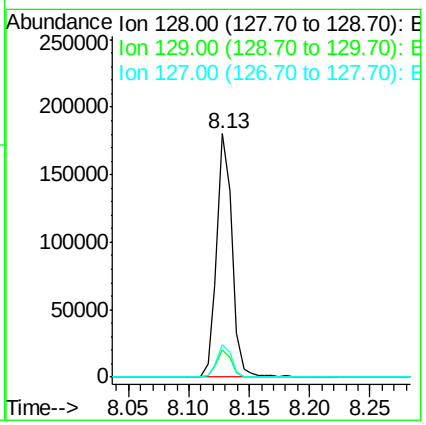


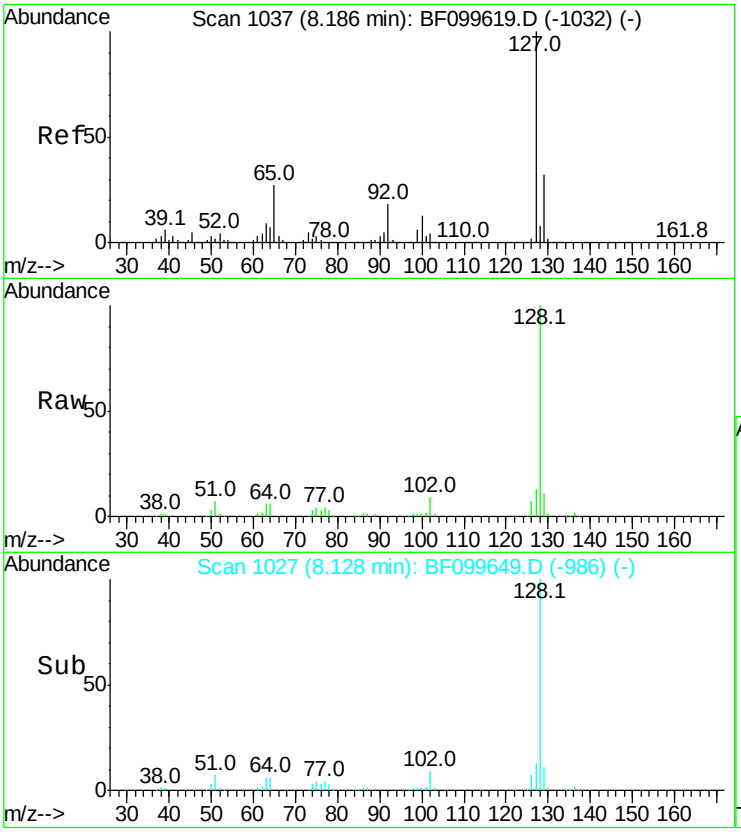


#31
Naphthalene
Concen: 10.385 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099649.D
Acq: 19 Oct 2017 6:54

Tgt Ion:128 Resp: 157084

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.3	10.9	16.3



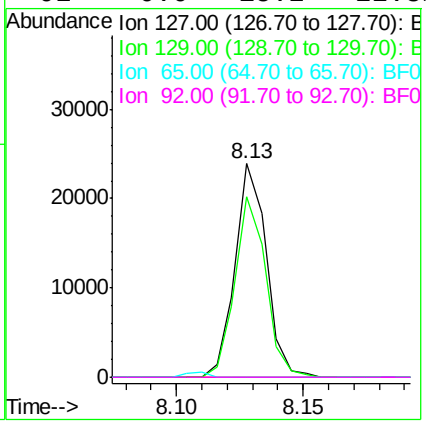


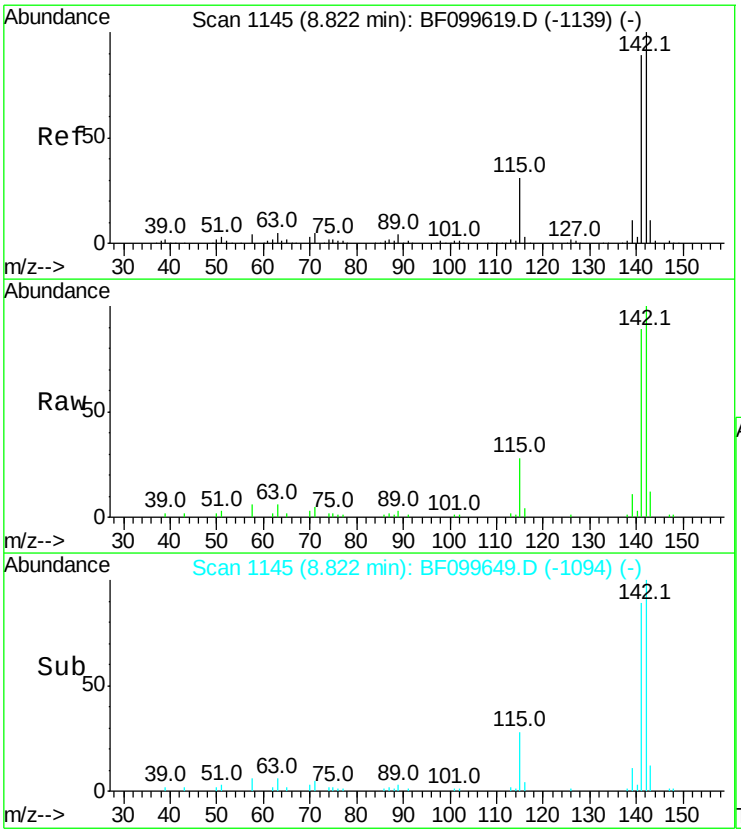
#33
4-Chloroaniline
Concen: 3.256 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.06 min
Lab File: BF099649.D
Acq: 19 Oct 2017 6:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 20565

Ion	Ratio	Lower	Upper
127	100		
129	84.3	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

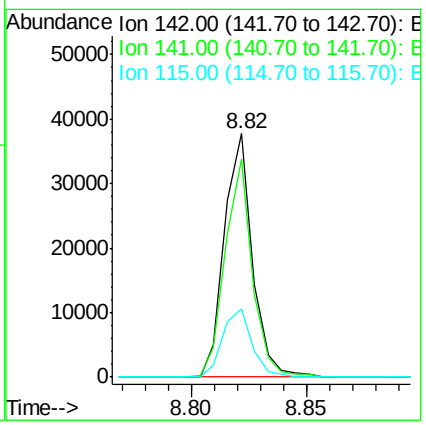


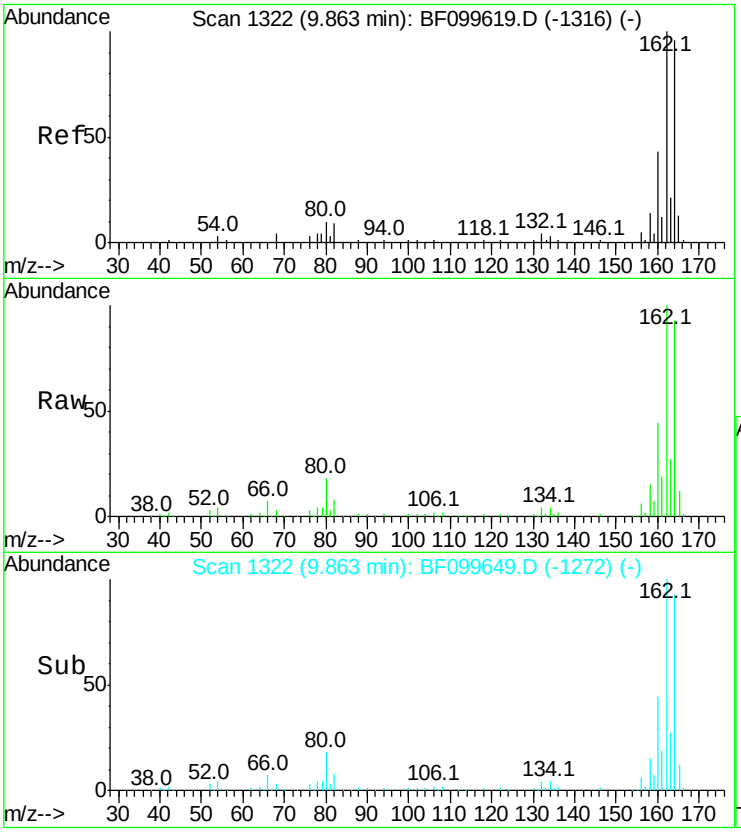


#37
2-Methylnaphthalene
Concen: 3.242 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF099649.D
Acq: 19 Oct 2017 6:54

Tgt Ion:142 Resp: 31880

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.8	106.2
115	28.2	26.1	39.1



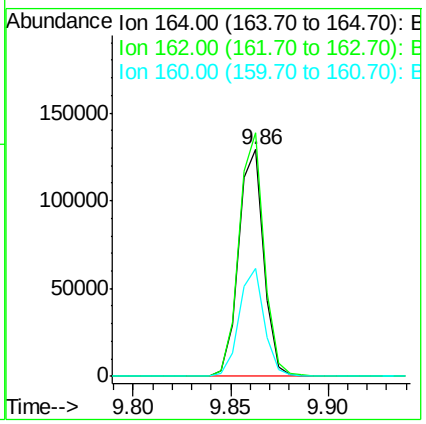


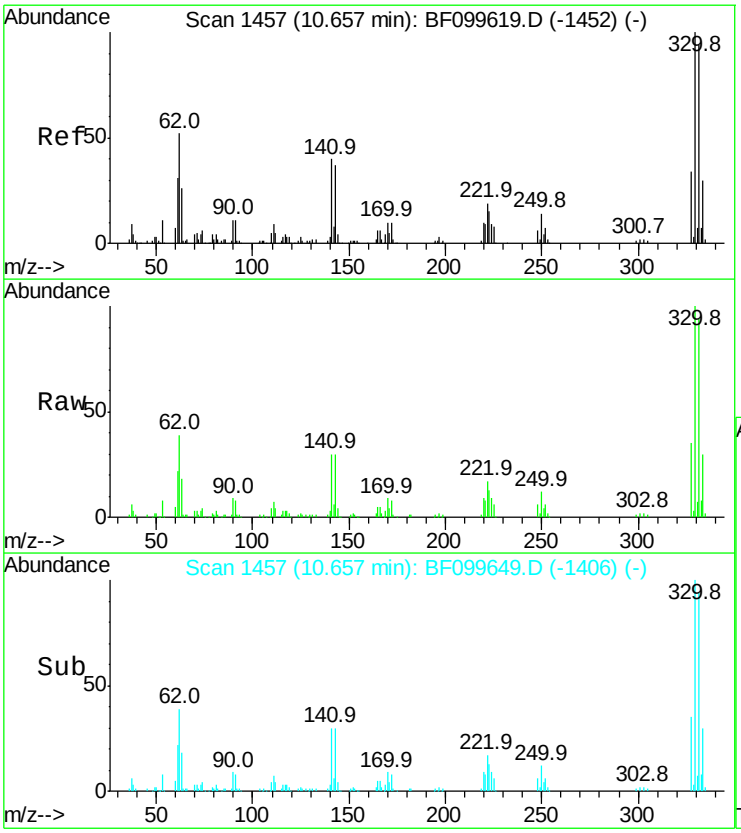
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF099649.D
Acq: 19 Oct 2017 6:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 115011

Ion	Ratio	Lower	Upper
164	100		
162	107.4	86.1	129.1
160	47.7	38.3	57.5

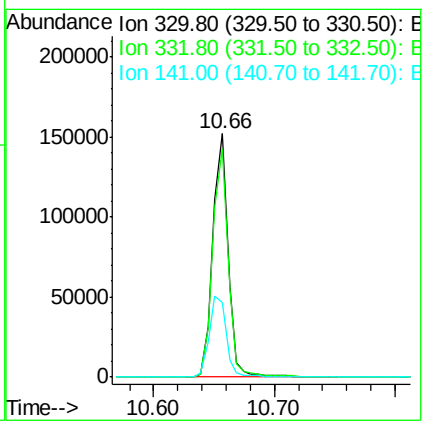


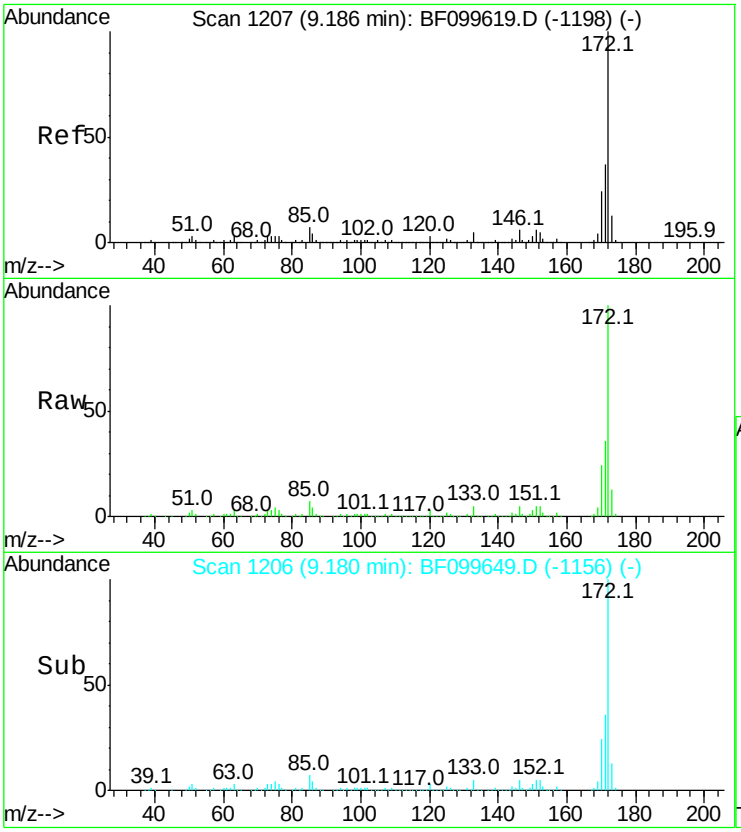


#41
2,4,6-Tribromophenol
Concen: 141.051 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BF099649.D
Acq: 19 Oct 2017 6:54

Tgt Ion:330 Resp: 132743

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	36.9	29.9	44.9



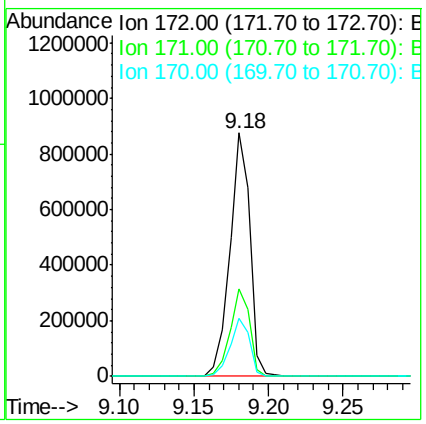


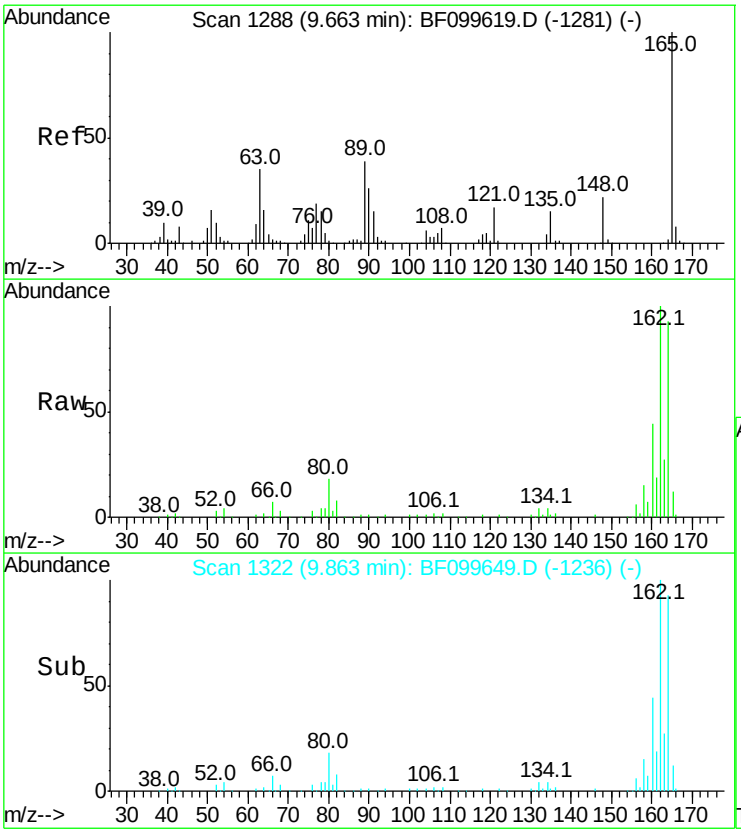
#44
2-Fluorobiphenyl
Concen: 120.850 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF099649.D
Acq: 19 Oct 2017 6:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 832571

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.9	19.6	29.4

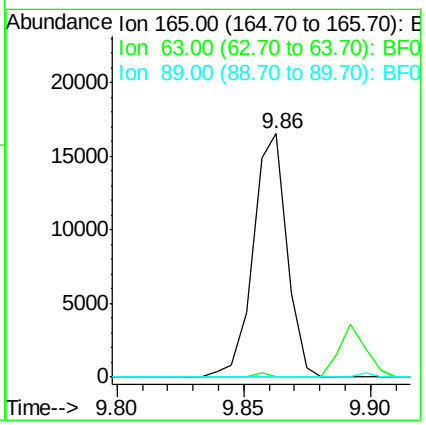


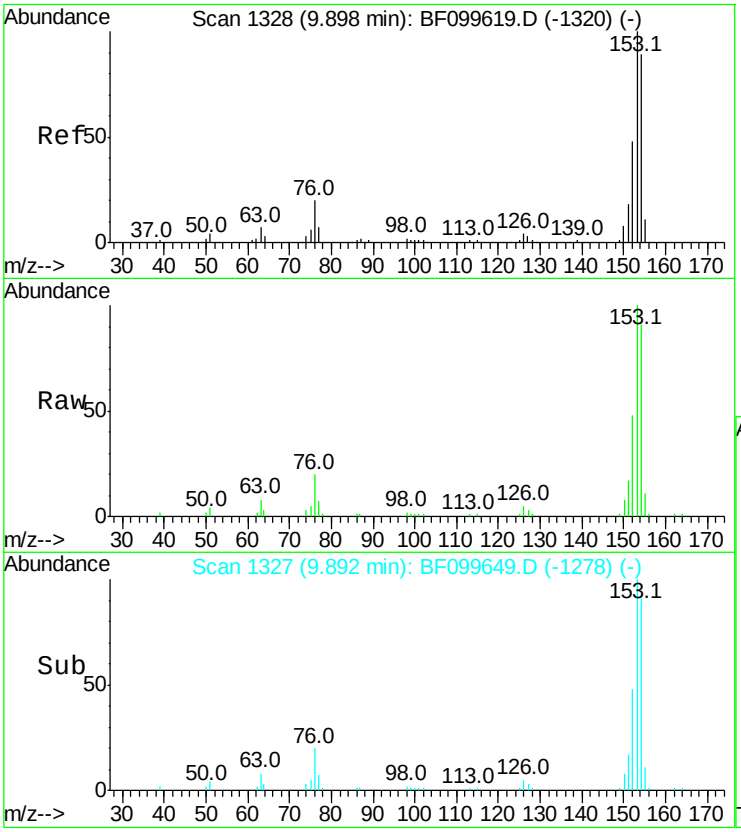


#50
2,6-Dinitrotoluene
Concen: 8.096 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.21 min
Lab File: BF099649.D
Acq: 19 Oct 2017 6:54

Tgt Ion:165 Resp: 15300

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



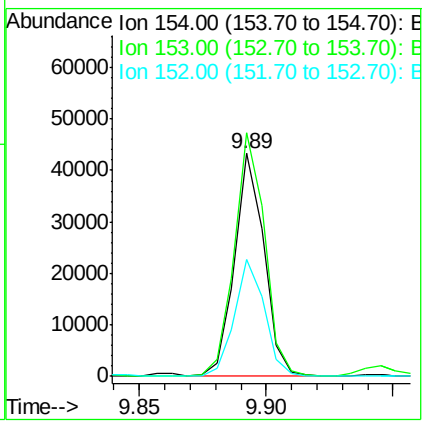


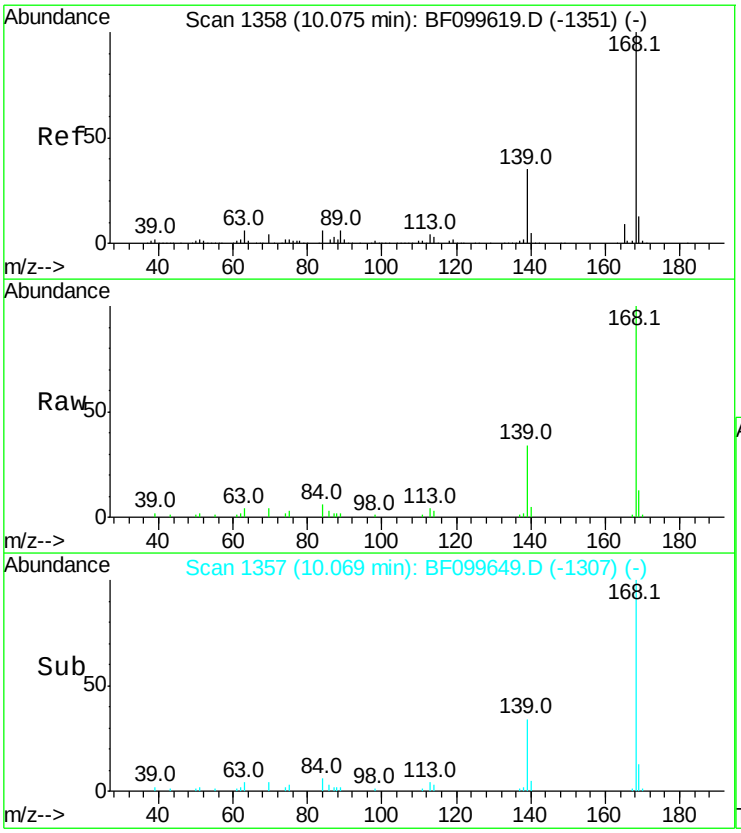
#51
Acenaphthene
Concen: 4.855 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF099649.D
Acq: 19 Oct 2017 6:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 34937

Ion	Ratio	Lower	Upper
154	100		
153	109.3	91.2	136.8
152	52.7	43.8	65.8

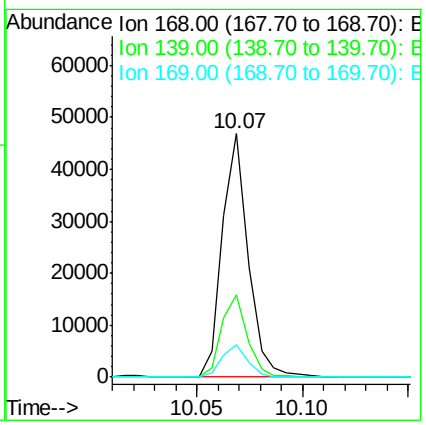


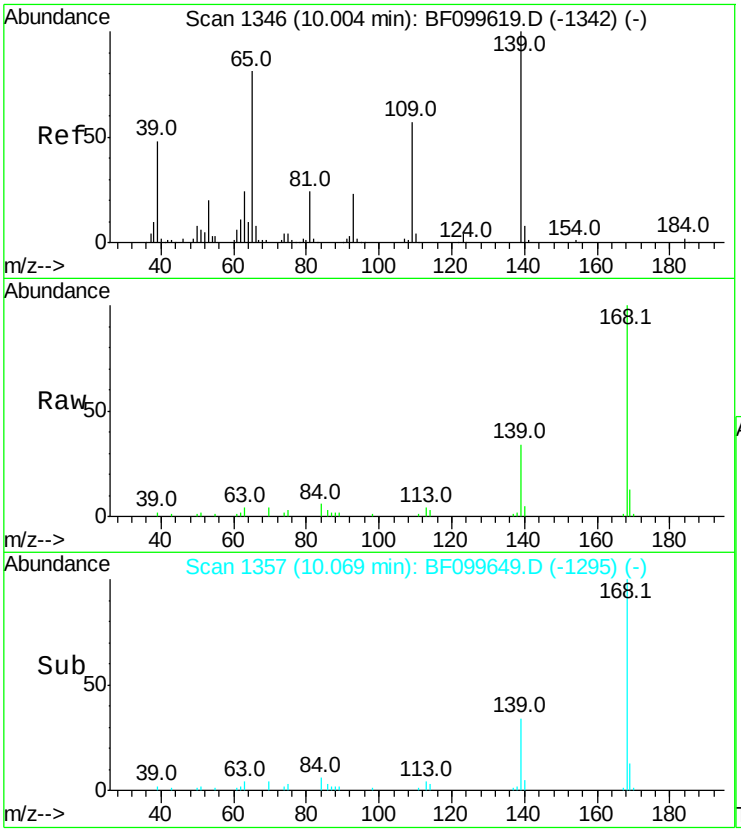


#54
Dibenzofuran
Concen: 4.153 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF099649.D
Acq: 19 Oct 2017 6:54

Tgt Ion:168 Resp: 39791

Ion	Ratio	Lower	Upper
168	100		
139	33.7	30.1	45.1
169	13.5	10.9	16.3



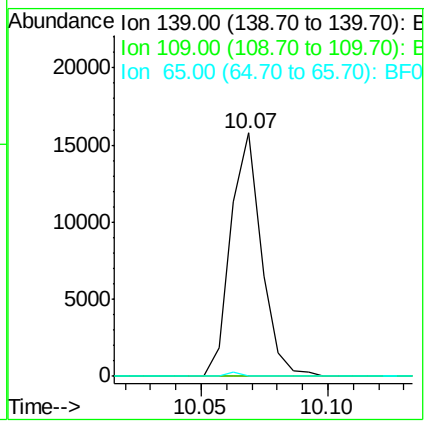


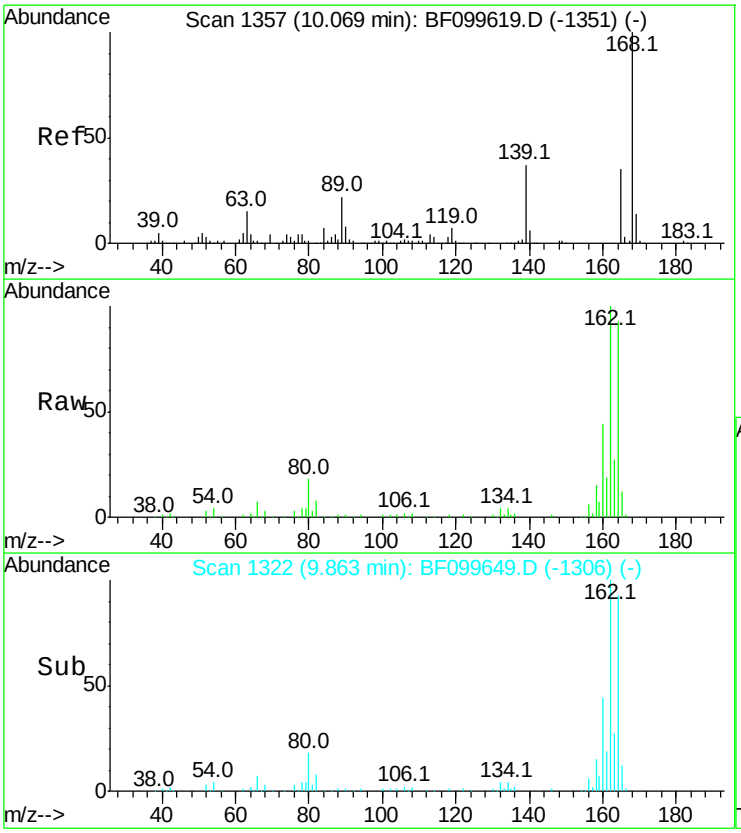
#55
4-Nitrophenol
Concen: 7.148 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.07 min
Lab File: BF099649.D
Acq: 19 Oct 2017 6:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 13318

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

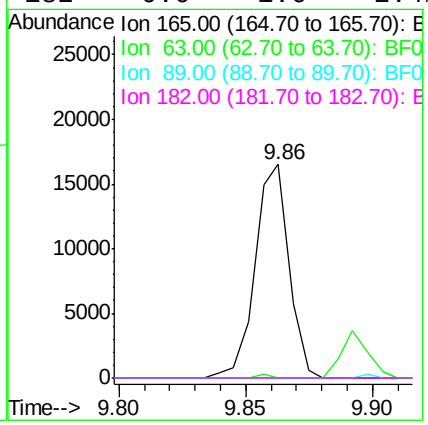


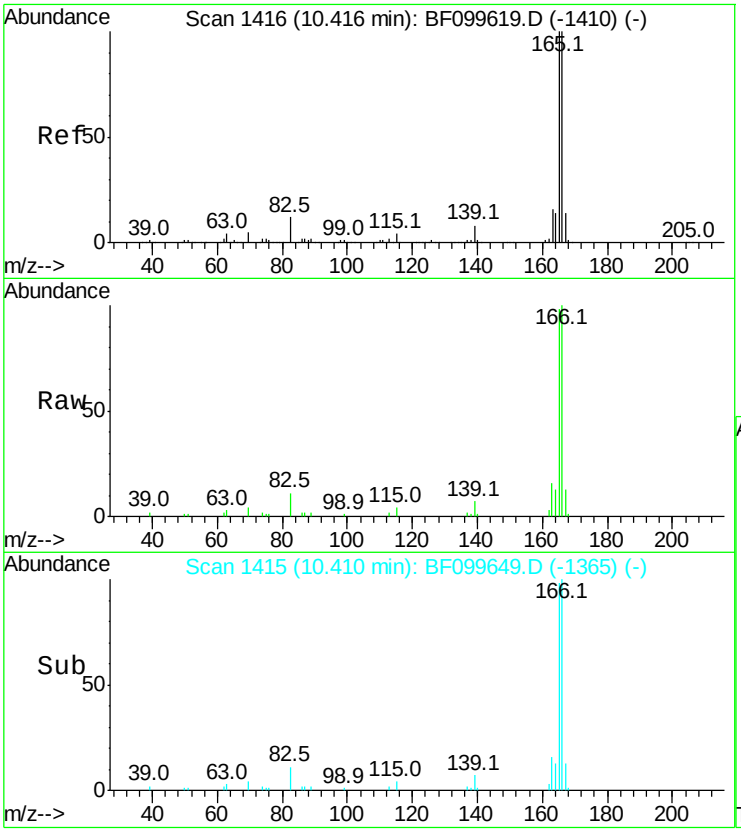


#56
2,4-Dinitrotoluene
Concen: 6.238 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.21 min
Lab File: BF099649.D
Acq: 19 Oct 2017 6:54

Tgt Ion:165 Resp: 15300

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



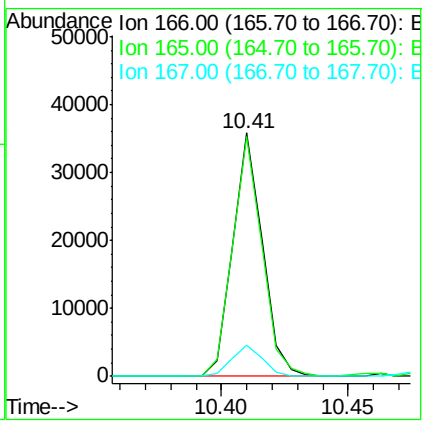


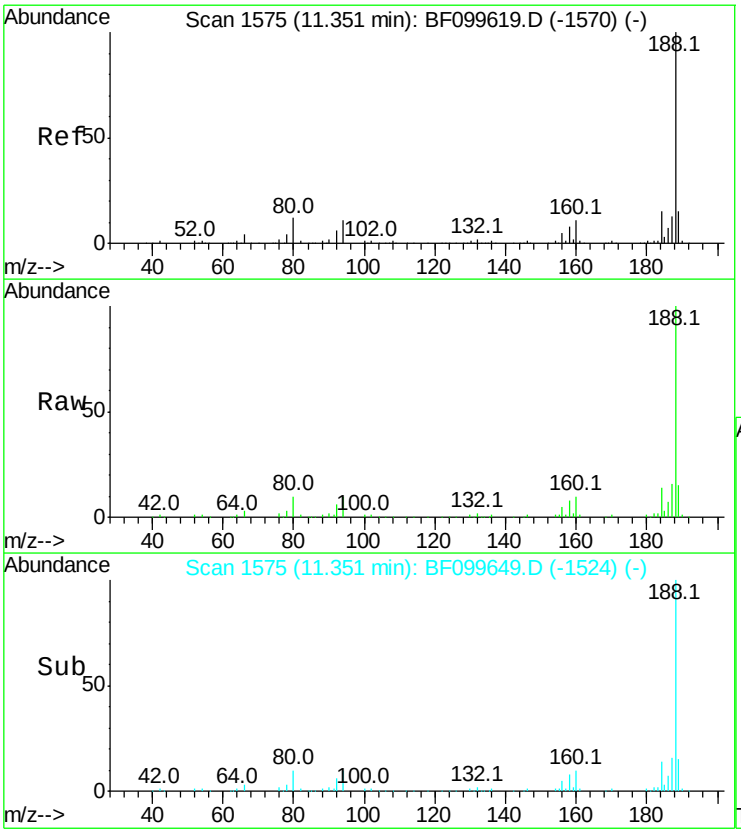
#57
Fluorene
Concen: 3.757 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF099649.D
Acq: 19 Oct 2017 6:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 28935

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.8	119.8
167	13.0	10.6	16.0

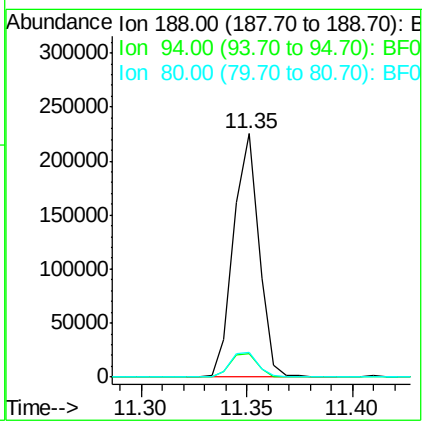


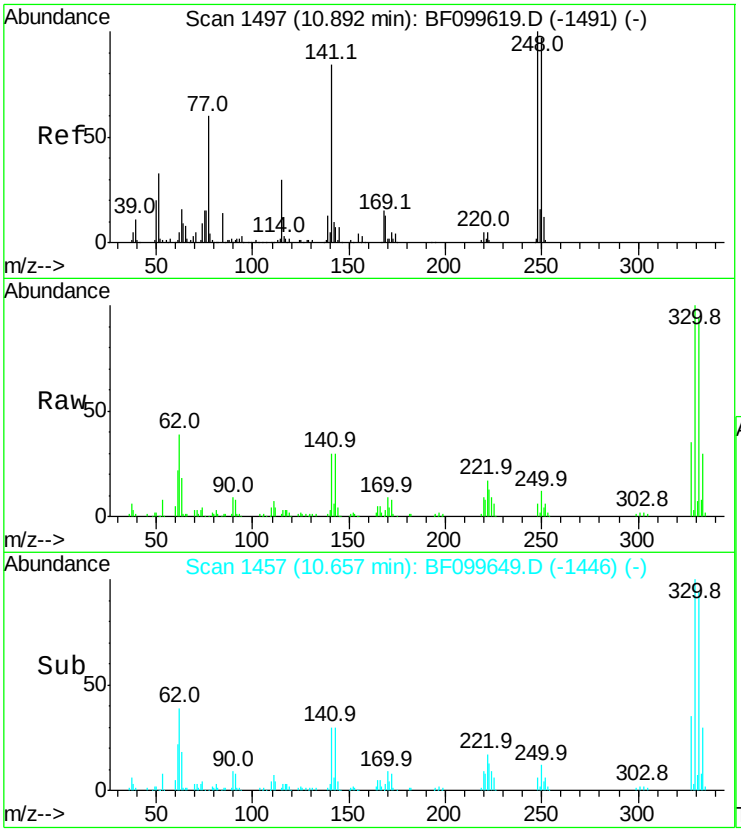


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF099649.D
Acq: 19 Oct 2017 6:54

Tgt Ion:188 Resp: 187289

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.2	9.2	13.8



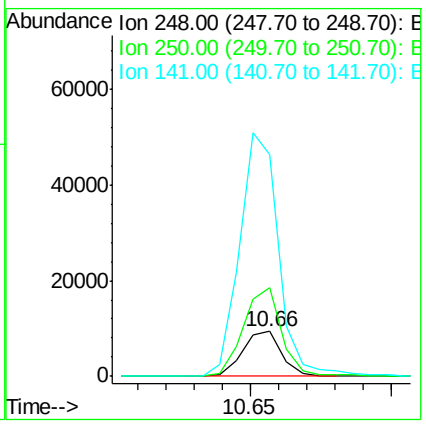


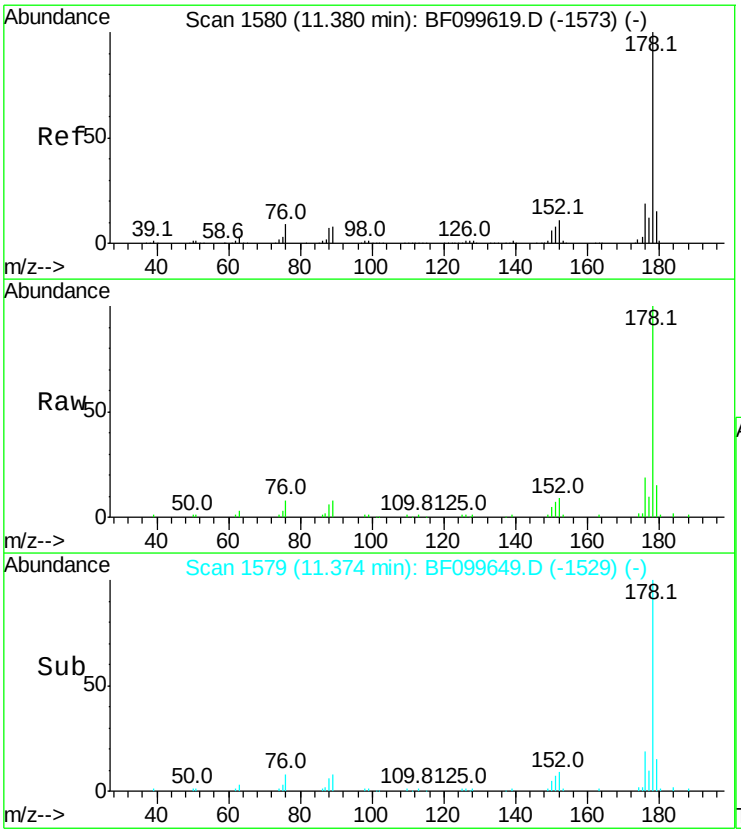
#66
4-Bromophenyl-phenylether
Concen: 4.865 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.23 min
Lab File: BF099649.D
Acq: 19 Oct 2017 6:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 8918

Ion	Ratio	Lower	Upper
248	100		
250	197.5	76.9	115.3#
141	492.9	74.4	111.6#

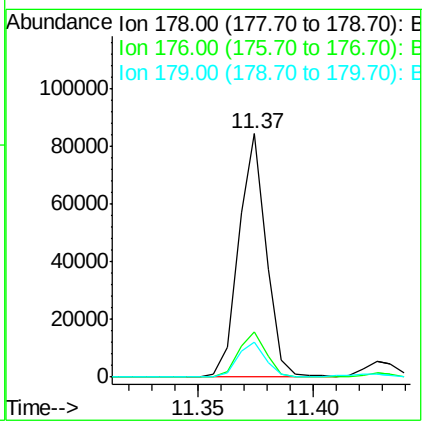


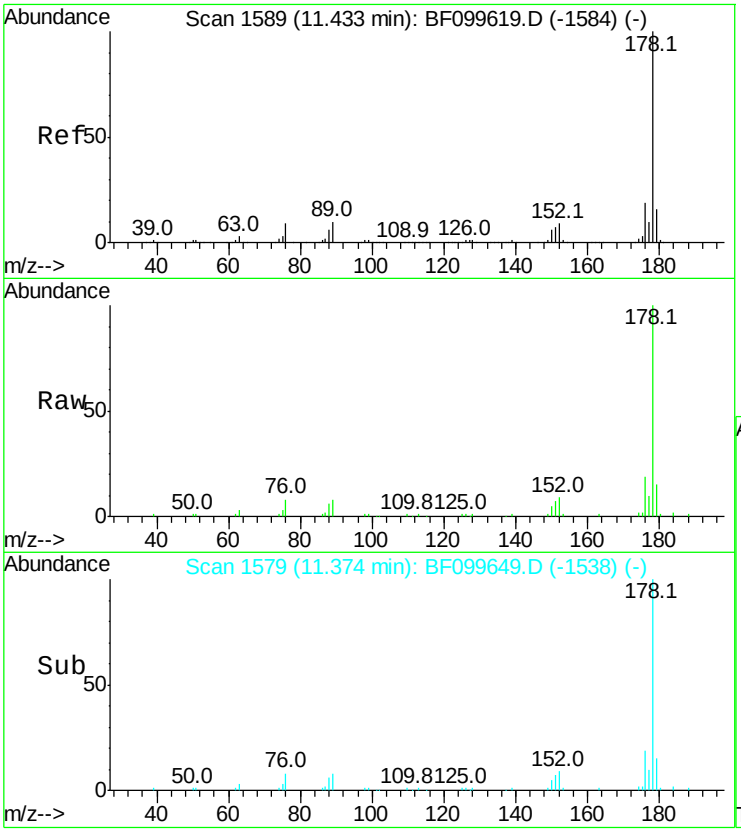


#70
Phenanthrene
Concen: 6.967 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF099649.D
Acq: 19 Oct 2017 6:54

Tgt Ion:178 Resp: 69849

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	14.6	13.0	19.6



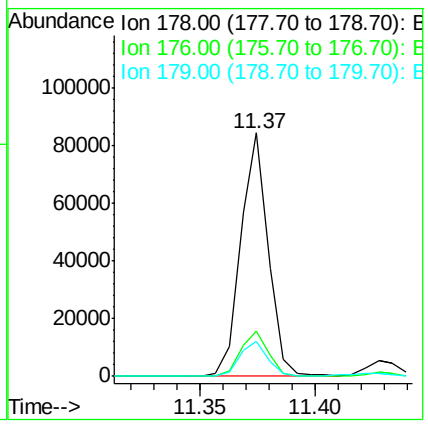


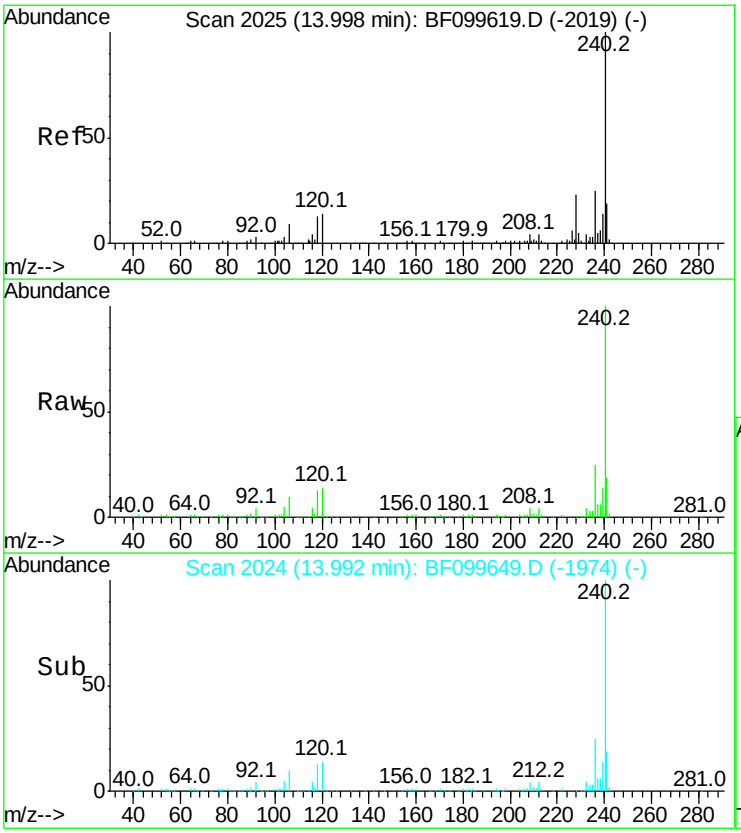
#71
Anthracene
Concen: 6.810 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.06 min
Lab File: BF099649.D
Acq: 19 Oct 2017 6:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 69849

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	14.6	12.6	19.0

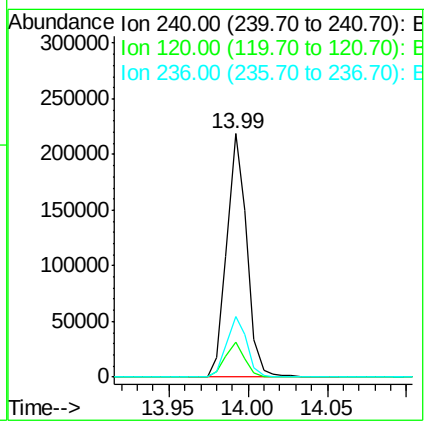


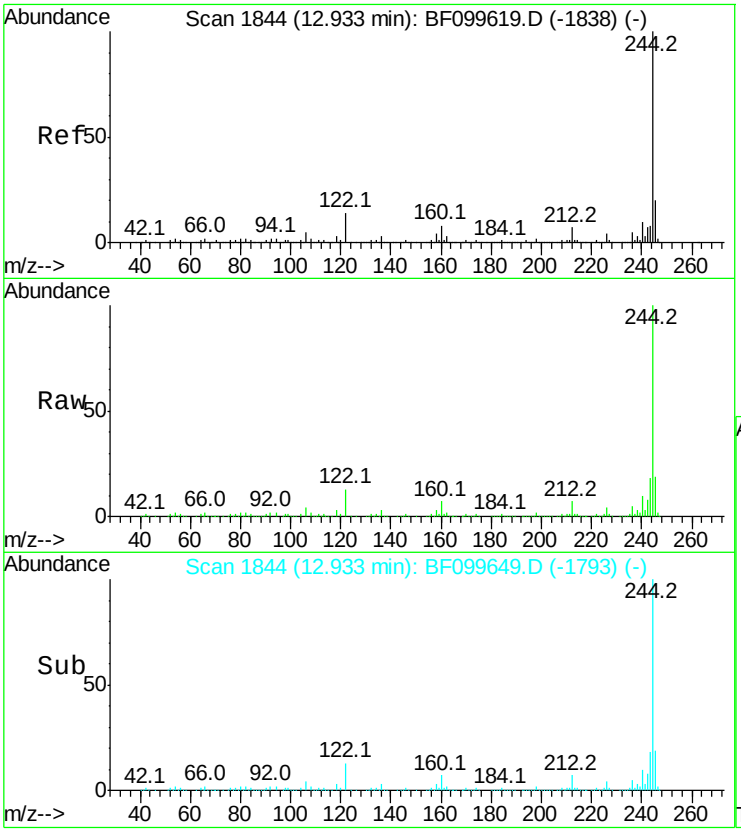


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF099649.D
Acq: 19 Oct 2017 6:54

Tgt Ion:240 Resp: 191757

Ion	Ratio	Lower	Upper
240	100		
120	14.5	9.5	14.3#
236	24.8	20.7	31.1



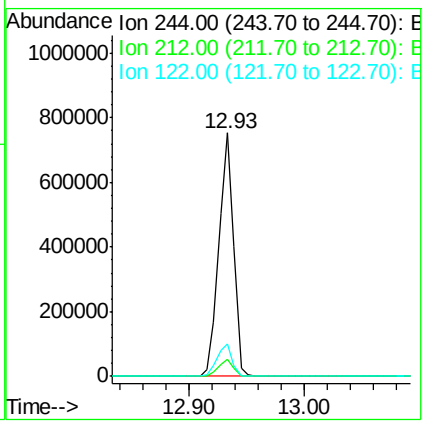


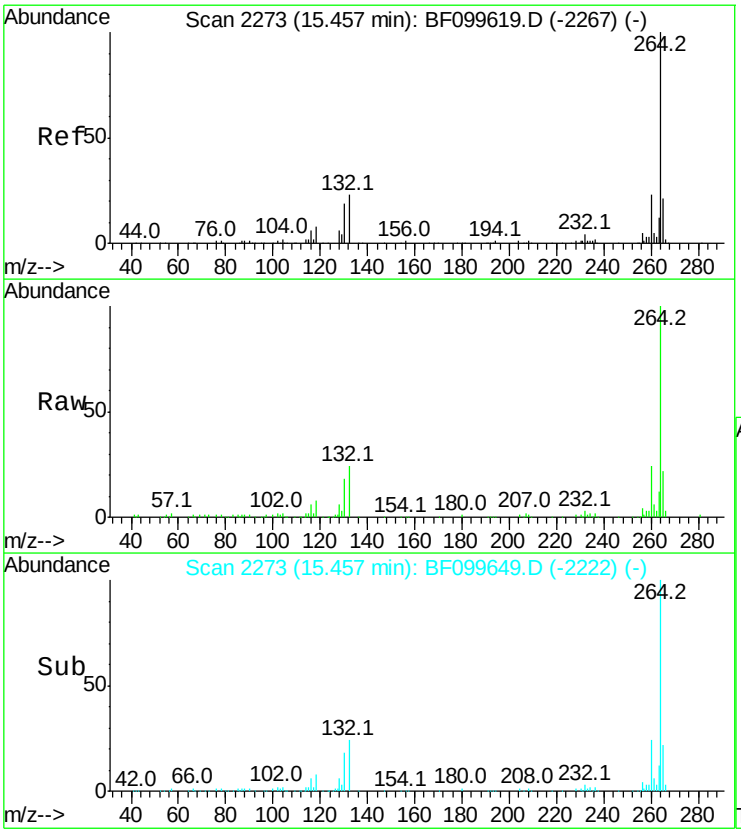
#78
Terphenyl-d14
Concen: 78.836 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF099649.D
Acq: 19 Oct 2017 6:54

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 664733

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.4	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF099649.D
Acq: 19 Oct 2017 6:54

Tgt Ion:264 Resp: 147630

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.6	17.5	26.3