Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
Data File : BF100039.D
Acq On : 1 Nov 2017 10:17
Operator : SJ/JU
Sample : I6092-09
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 01 11:07:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 16:51:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	87196	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	354908	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	167767	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	291157	20.00	ng		0.00
75) Chrysene-d12	13.98	240	185065	20.00	ng		0.00
86) Perylene-d12	15.47	264	149499	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	718085	129.29	ng		0.02
7) Phenol-d6	6.43	99	776045	117.84	ng		0.00
23) Nitrobenzene-d5	7.36	82	543198	98.54	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	221772	145.05	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1135885	104.46	ng		0.00
78) Terphenyl-d14	12.91	244	921950	108.87	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.56	77	13295	3.378	ng		86
19) n-Nitroso-di-n-propylamine	7.36	70	66750	17.296	ng	#	70
25) Isophorone	7.36	82	543191	54.302	ng	#	64
31) Naphthalene	8.09	128	653242	38.131	ng		100
33) 4-Chloroaniline	8.09	127	85930	12.147	ng	#	35
37) 2-Methylnaphthalene	8.79	142	60477	5.268	ng		96
50) 2,6-Dinitrotoluene	9.82	165	20834	7.459	ng	#	24
54) Dibenzofuran	10.04	168	33388	2.280	ng		96
55) 4-Nitrophenol	10.04	139	11412	6.637	ng	#	9
56) 2,4-Dinitrotoluene	9.82	165	20834	6.194	ng	#	21
66) 4-Bromophenyl-phenylether	10.62	248	13903	4.536	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
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Acq On : 1 Nov 2017 10:17
Operator : SJ/JU
Sample : I6092-09
Misc :
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BNA_F
ClientSampleId :

Quant Time: Nov 01 11:07:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
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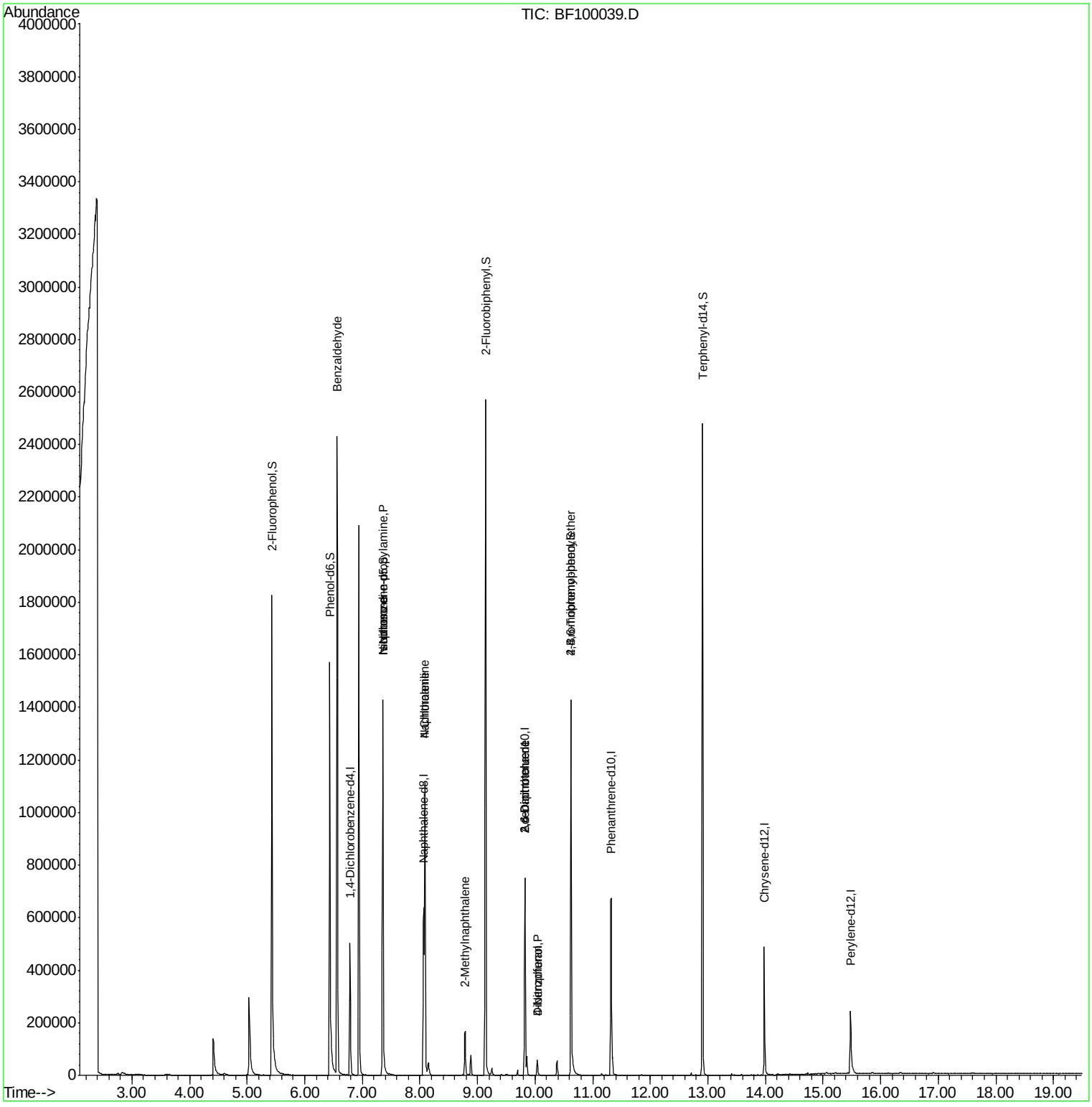
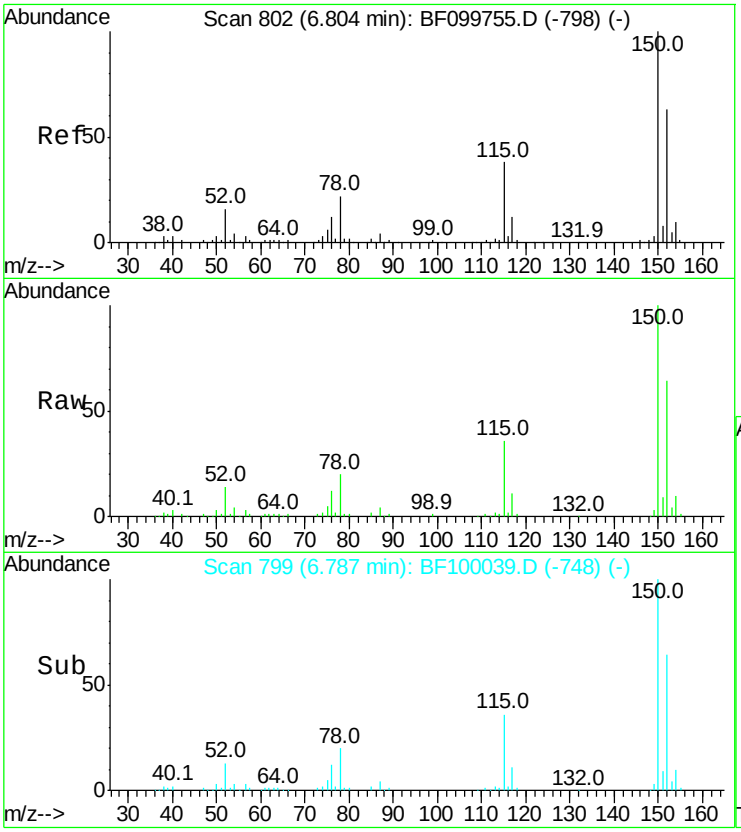
QLast Update : Tue Oct 31 16:51:57 2017
Response via : Initial Calibration



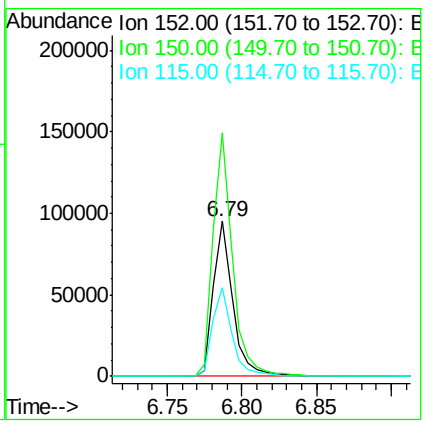


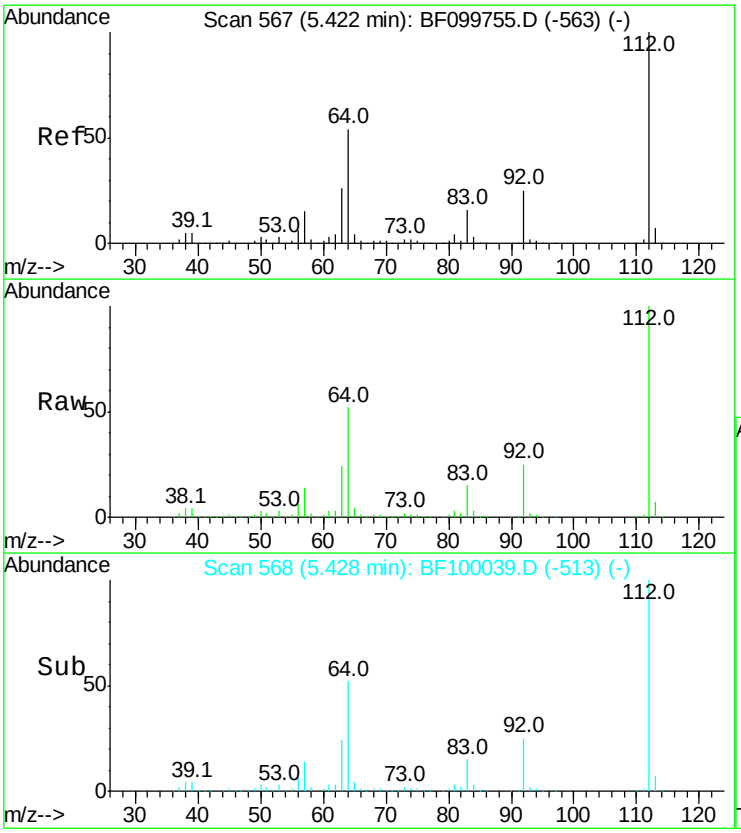
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF100039.D
Acq: 1 Nov 2017 10:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 87196

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	57.2	50.1	75.1

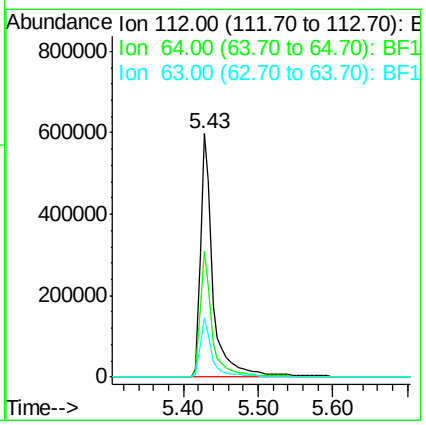


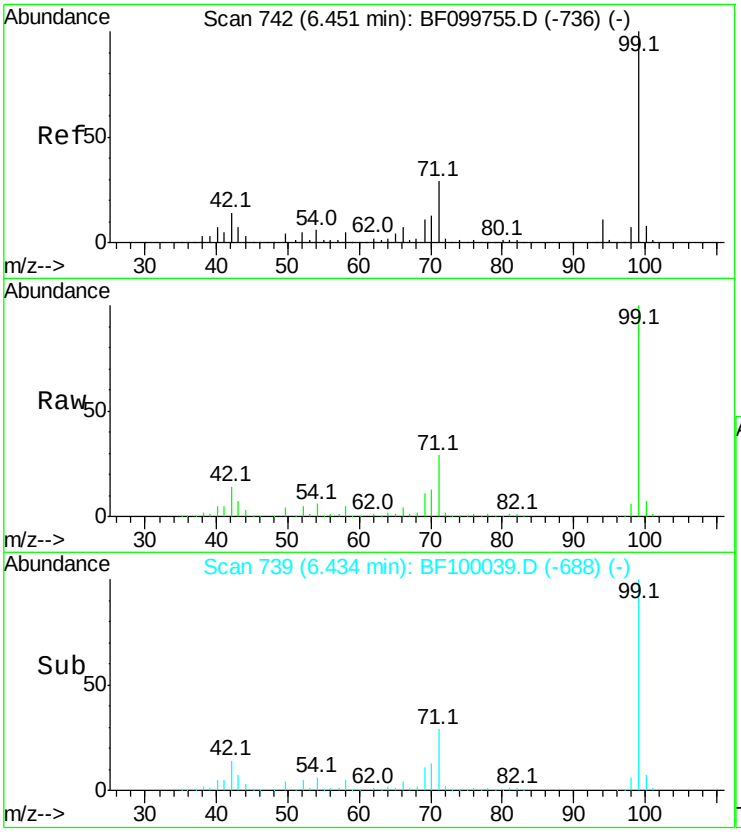


#5
2-Fluorophenol
Concen: 129.291 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF100039.D
Acq: 1 Nov 2017 10:17

Tgt Ion:112 Resp: 718085

Ion	Ratio	Lower	Upper
112	100		
64	51.8	47.9	71.9
63	24.5	23.7	35.5



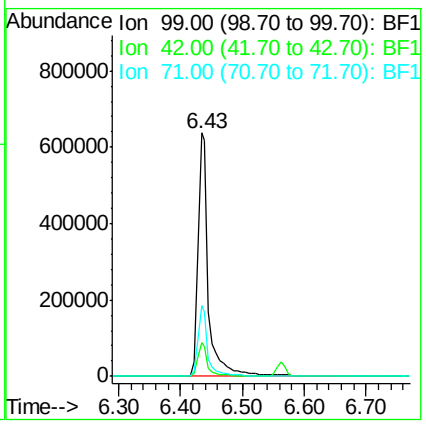


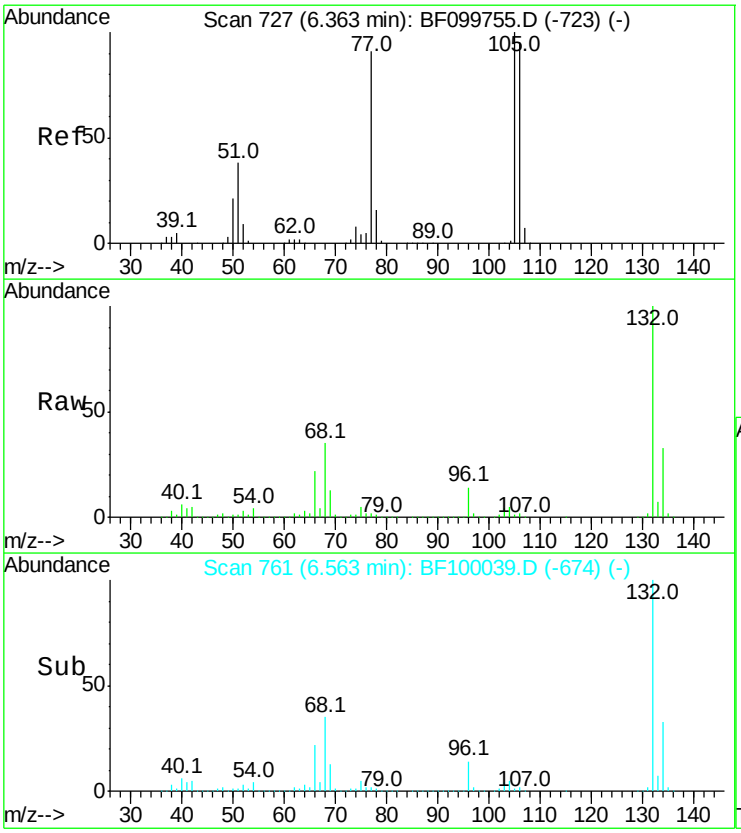
#7
Phenol-d6
Concen: 117.842 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF100039.D
Acq: 1 Nov 2017 10:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 776045

Ion	Ratio	Lower	Upper
99	100		
42	14.0	14.5	21.7#
71	29.1	25.4	38.0

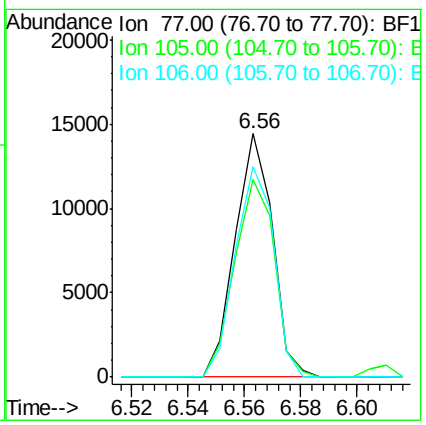


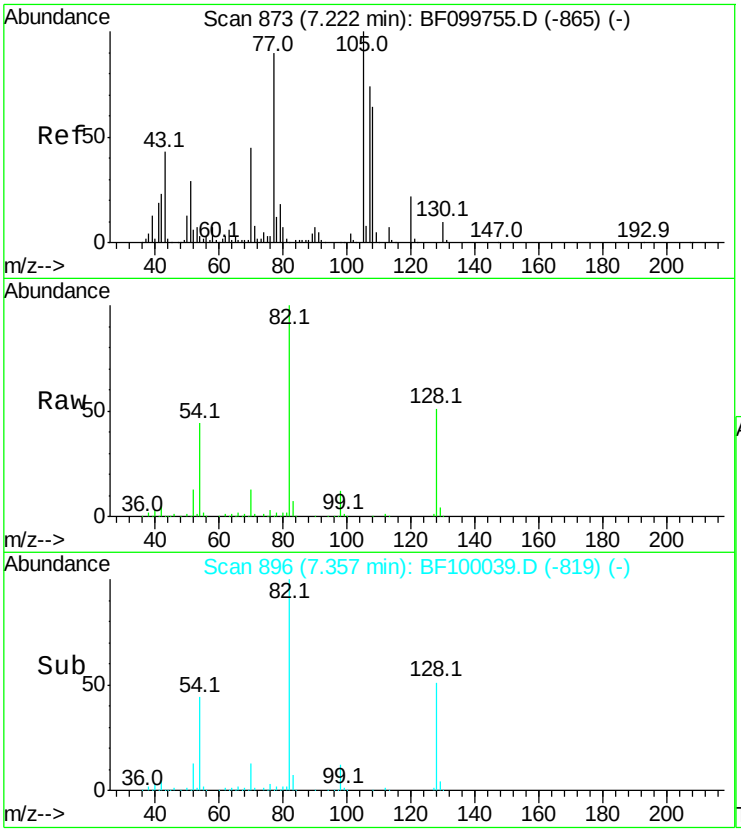


#9
Benzaldehyde
Concen: 3.378 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.21 min
Lab File: BF100039.D
Acq: 1 Nov 2017 10:17

Tgt Ion: 77 Resp: 13295

Ion	Ratio	Lower	Upper
77	100		
105	81.1	81.1	121.1
106	86.6	74.5	114.5



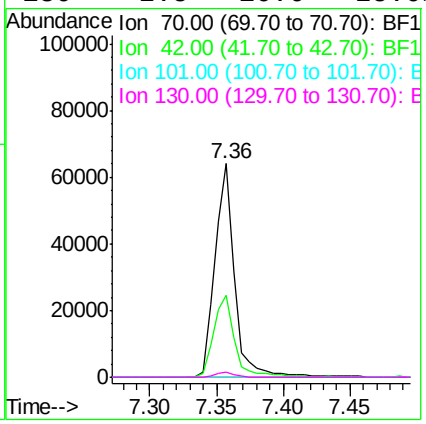


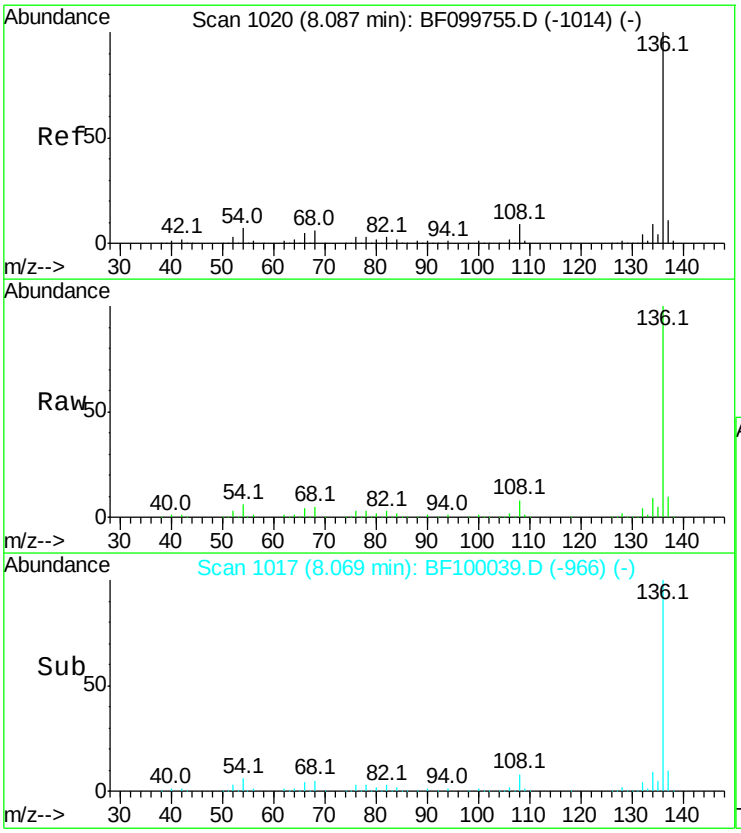
#19
n-Nitroso-di-n-propylamine
Concen: 17.296 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF100039.D
Acq: 1 Nov 2017 10:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 66750

Ion	Ratio	Lower	Upper
70	100		
42	38.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#

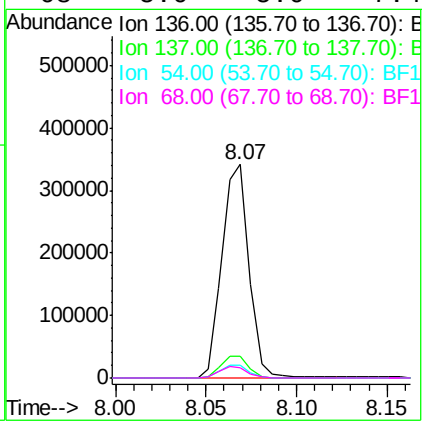


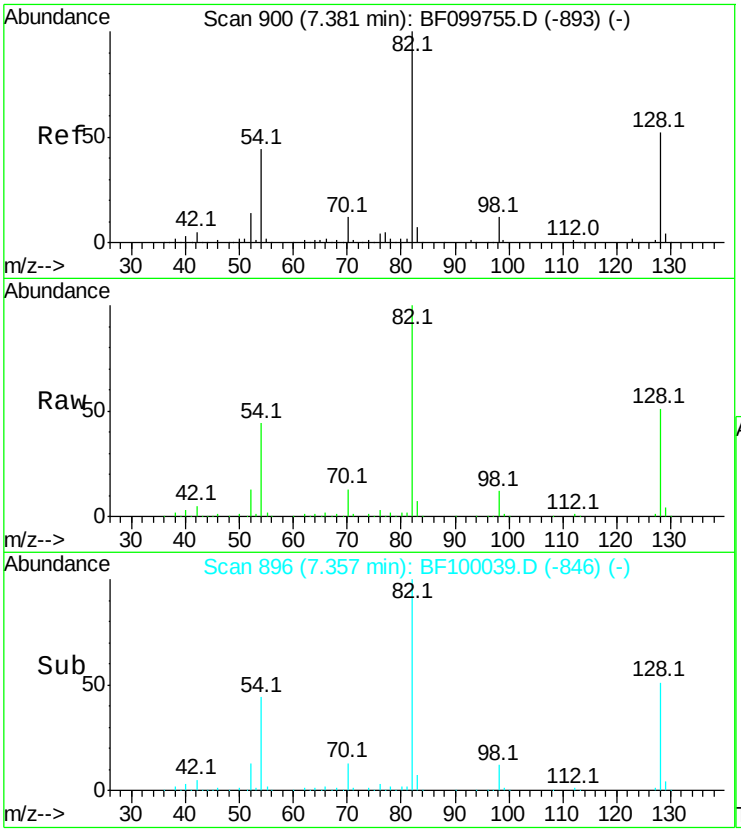


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF100039.D
Acq: 1 Nov 2017 10:17

Tgt Ion:136 Resp: 354908

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	6.0	6.6	9.8#
68	5.0	5.0	7.4



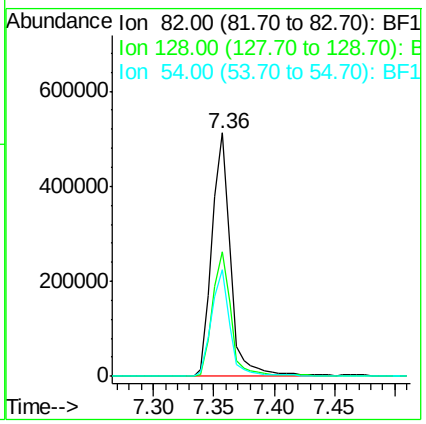


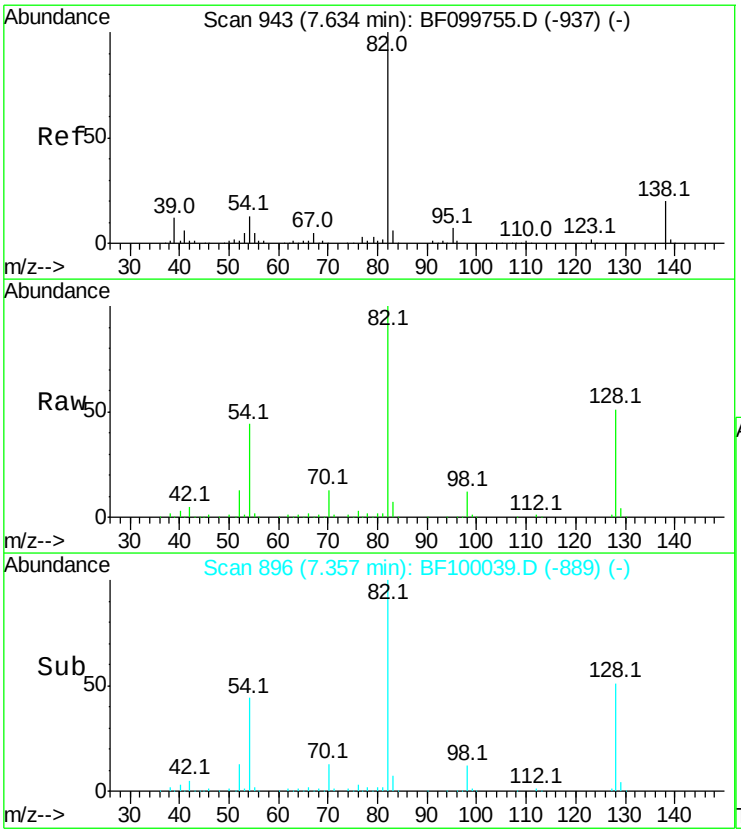
#23
Nitrobenzene-d5
Concen: 98.536 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF100039.D
Acq: 1 Nov 2017 10:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 543198

Ion	Ratio	Lower	Upper
82	100		
128	51.4	36.1	54.1
54	43.8	41.4	62.2

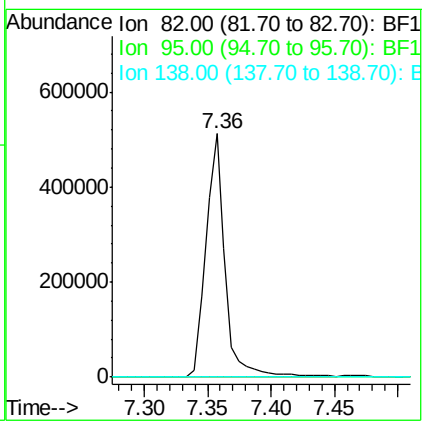


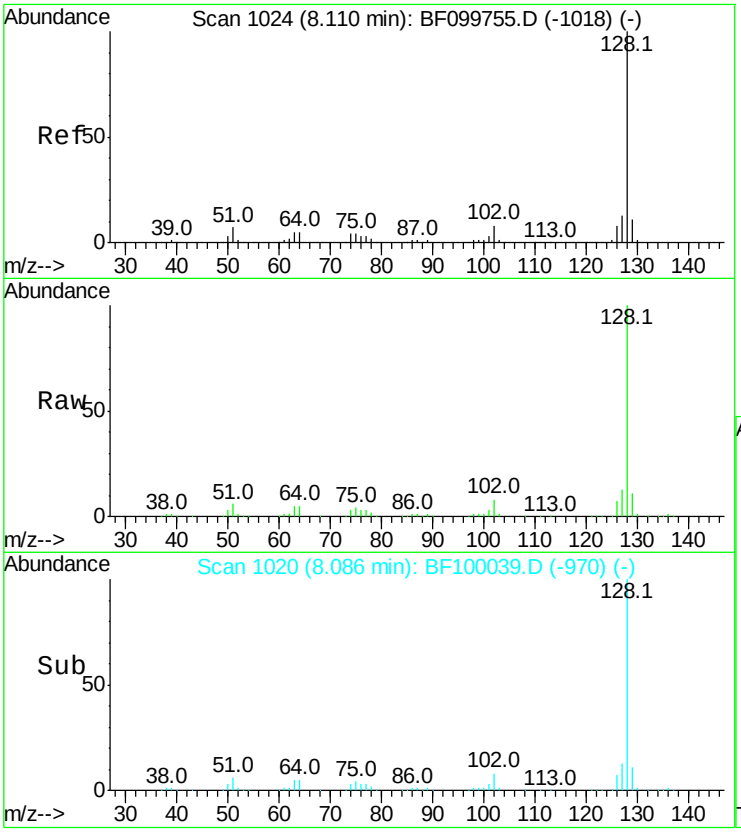


#25
Isophorone
Concen: 54.302 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF100039.D
Acq: 1 Nov 2017 10:17

Tgt Ion: 82 Resp: 543191

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



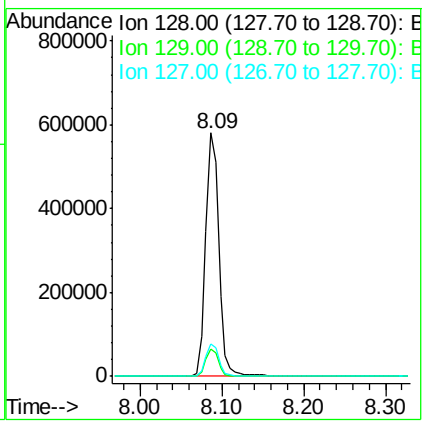


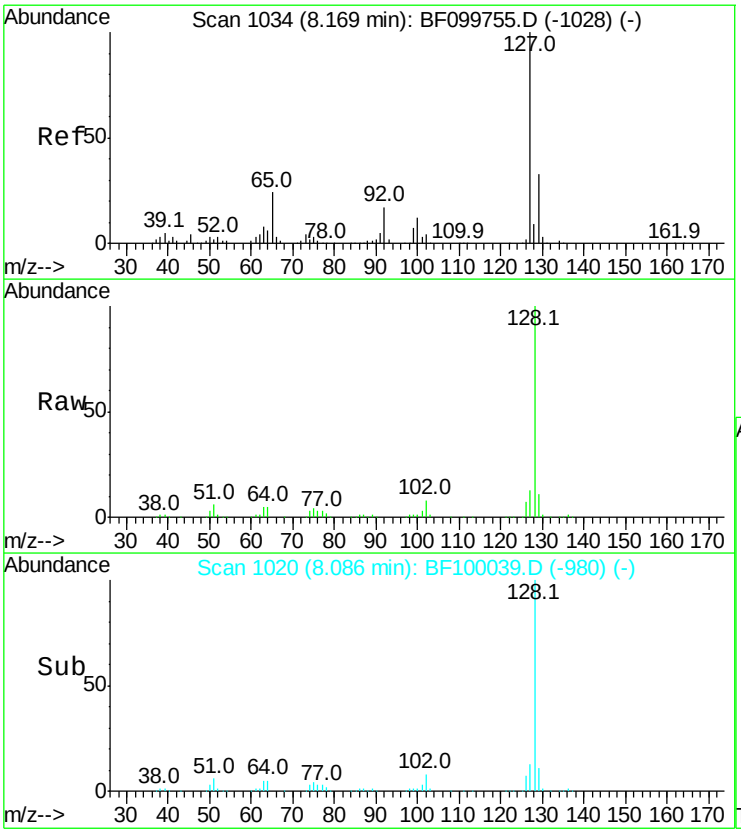
#31
Naphthalene
Concen: 38.131 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF100039.D
Acq: 1 Nov 2017 10:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 653242

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.5	10.9	16.3

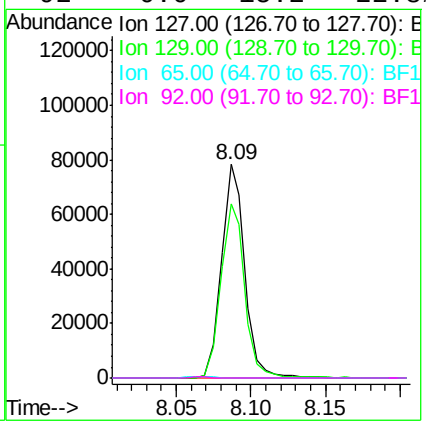


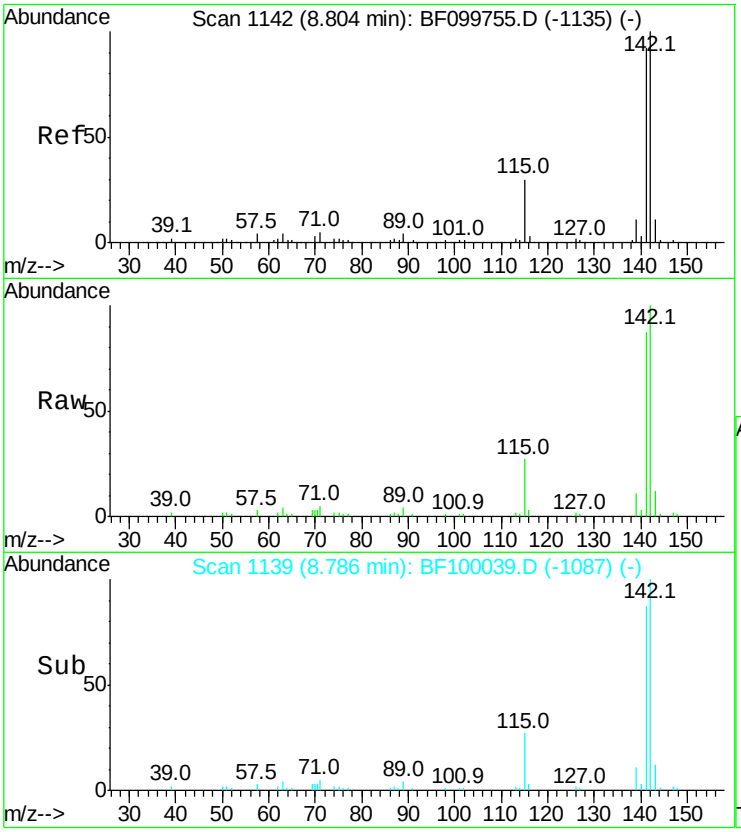


#33
4-Chloroaniline
Concen: 12.147 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.06 min
Lab File: BF100039.D
Acq: 1 Nov 2017 10:17

Tgt Ion:127 Resp: 85930

Ion	Ratio	Lower	Upper
127	100		
129	81.3	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



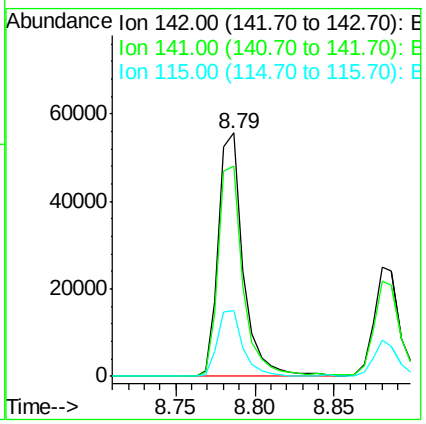


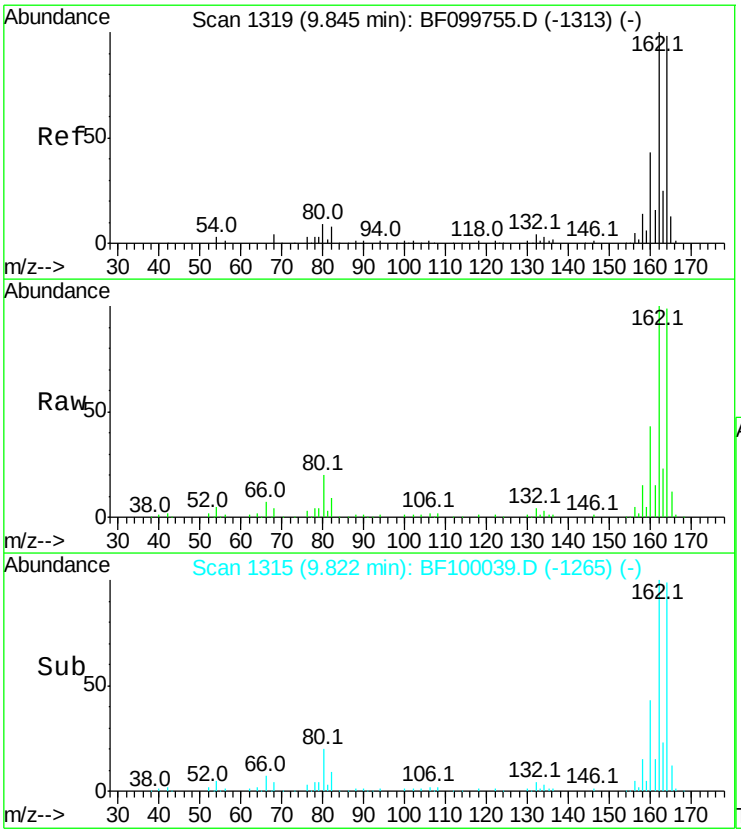
#37
2-Methylnaphthalene
Concen: 5.268 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF100039.D
Acq: 1 Nov 2017 10:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 60477

Ion	Ratio	Lower	Upper
142	100		
141	86.5	70.8	106.2
115	27.2	26.1	39.1

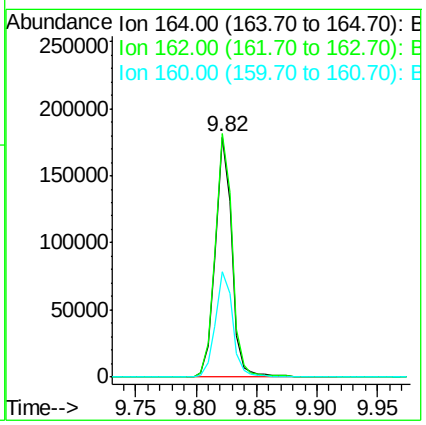


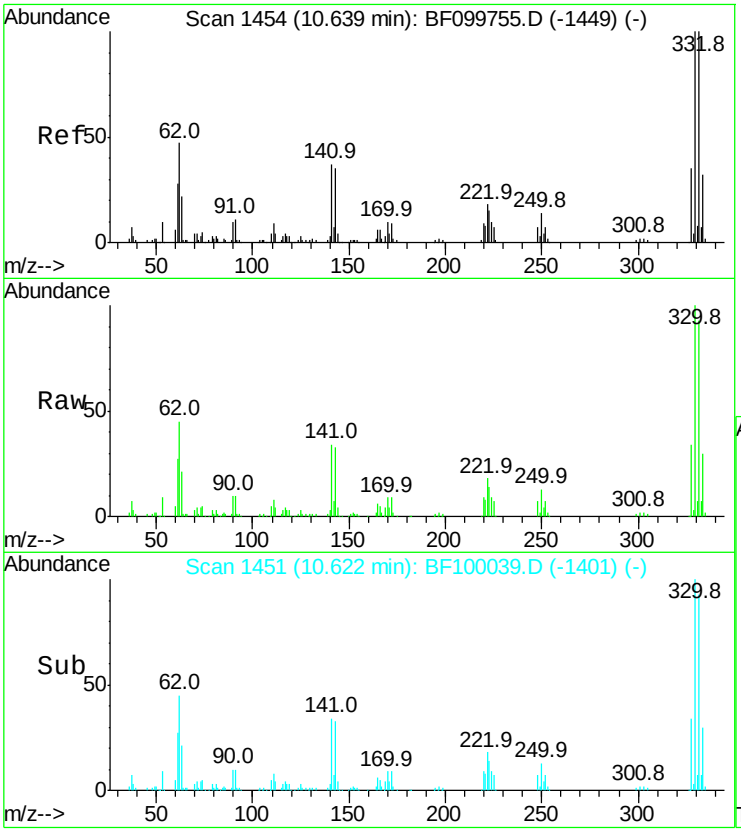


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF100039.D
Acq: 1 Nov 2017 10:17

Tgt Ion:164 Resp: 167767

Ion	Ratio	Lower	Upper
164	100		
162	101.3	86.1	129.1
160	43.8	38.3	57.5



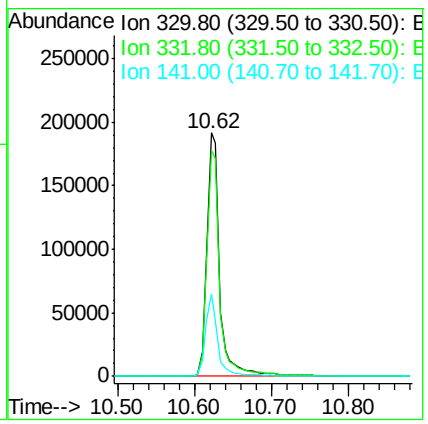


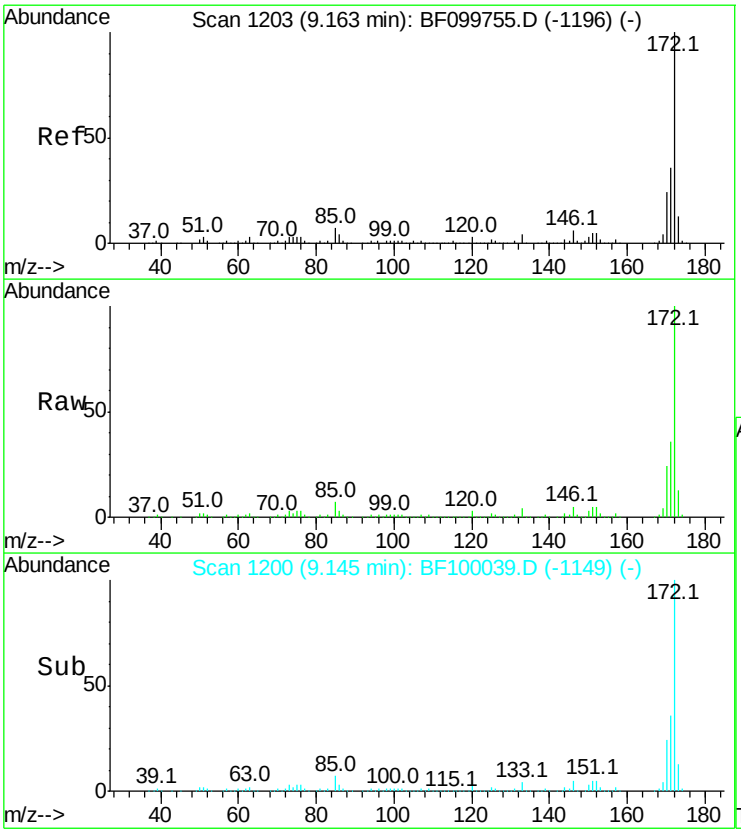
#41
2,4,6-Tribromophenol
Concen: 145.054 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF100039.D
Acq: 1 Nov 2017 10:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 221772

Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	32.7	29.9	44.9

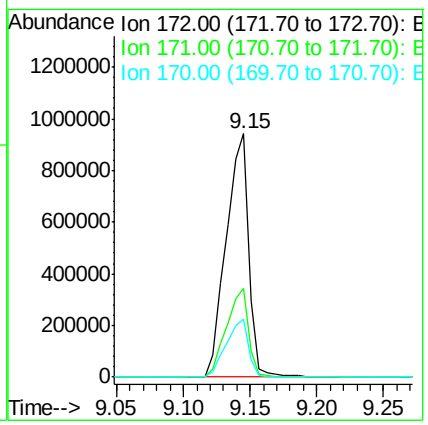


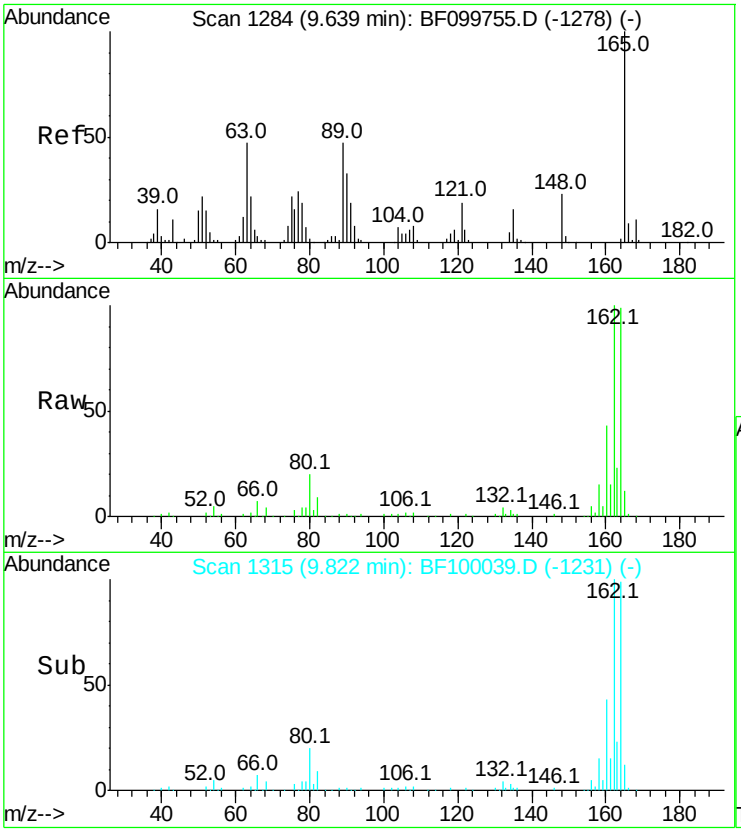


#44
2-Fluorobiphenyl
Concen: 104.460 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF100039.D
Acq: 1 Nov 2017 10:17

Tgt Ion:172 Resp: 1135885

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.1	19.6	29.4



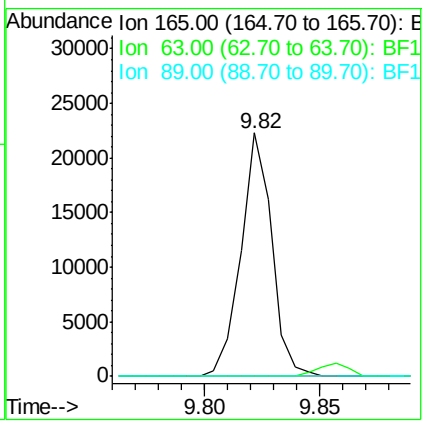


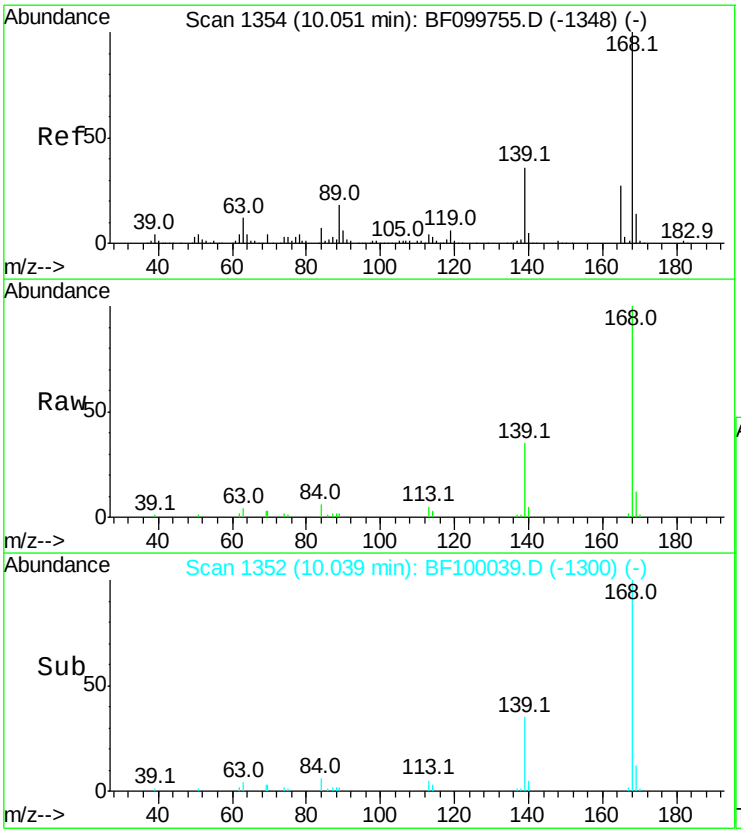
#50
2,6-Dinitrotoluene
Concen: 7.459 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.19 min
Lab File: BF100039.D
Acq: 1 Nov 2017 10:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 20834

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

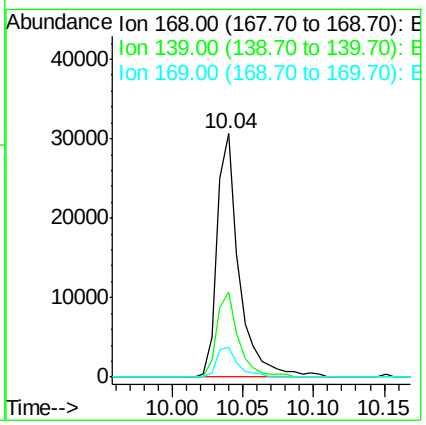


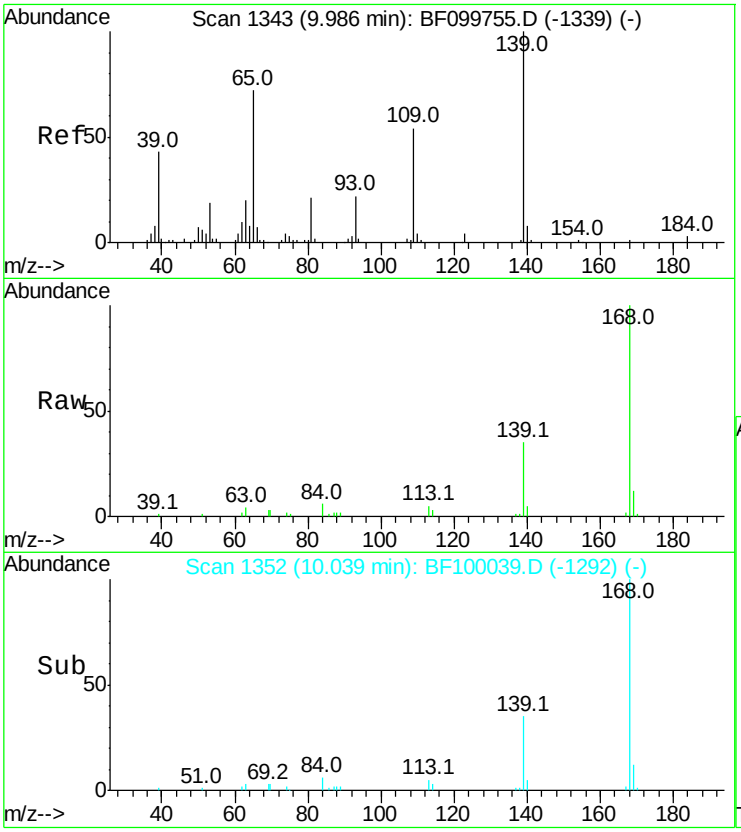


#54
Dibenzofuran
Concen: 2.280 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF100039.D
Acq: 1 Nov 2017 10:17

Tgt Ion:168 Resp: 33388

Ion	Ratio	Lower	Upper
168	100		
139	34.9	30.1	45.1
169	12.4	10.9	16.3



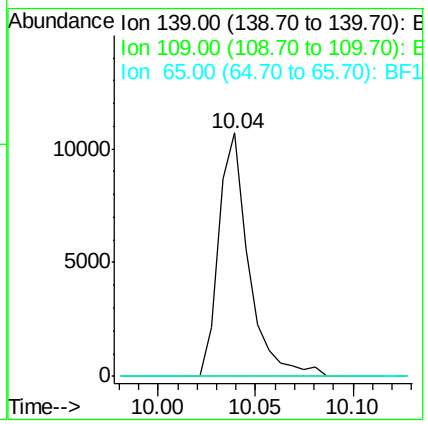


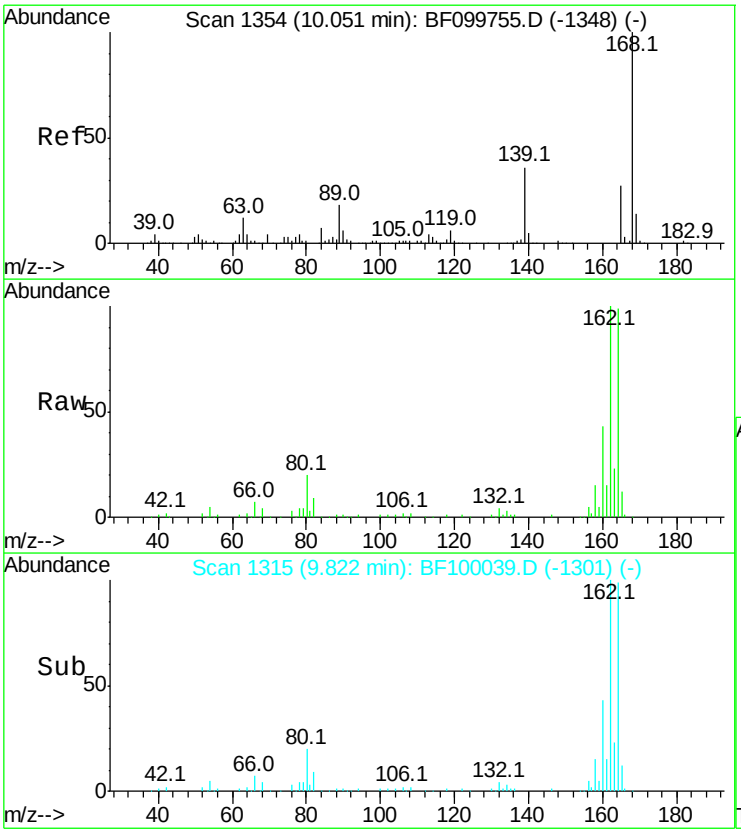
#55
4-Nitrophenol
Concen: 6.637 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.05 min
Lab File: BF100039.D
Acq: 1 Nov 2017 10:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 11412

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

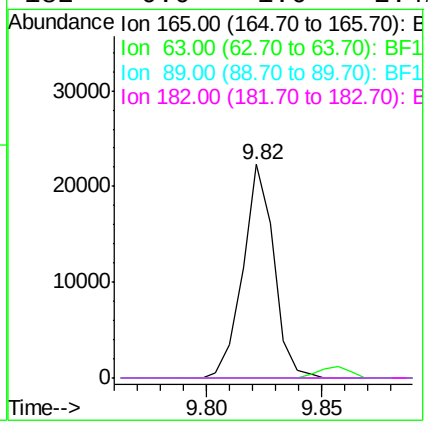


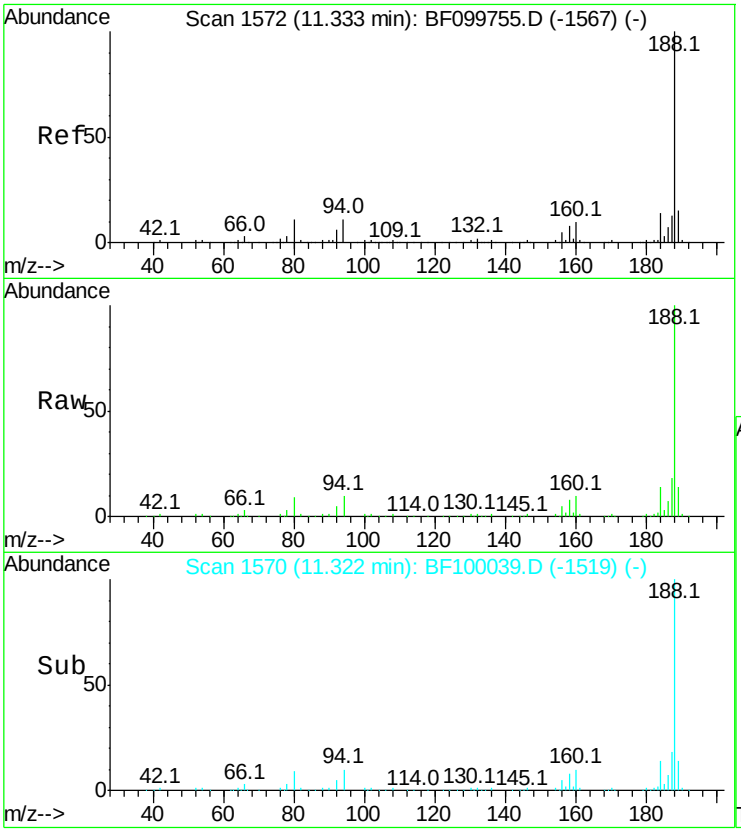


#56
2,4-Dinitrotoluene
Concen: 6.194 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF100039.D
Acq: 1 Nov 2017 10:17

Tgt Ion:165 Resp: 20834

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#



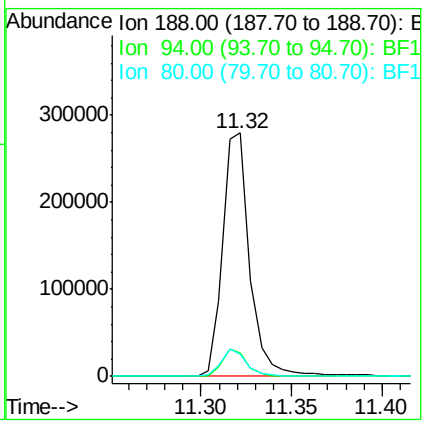


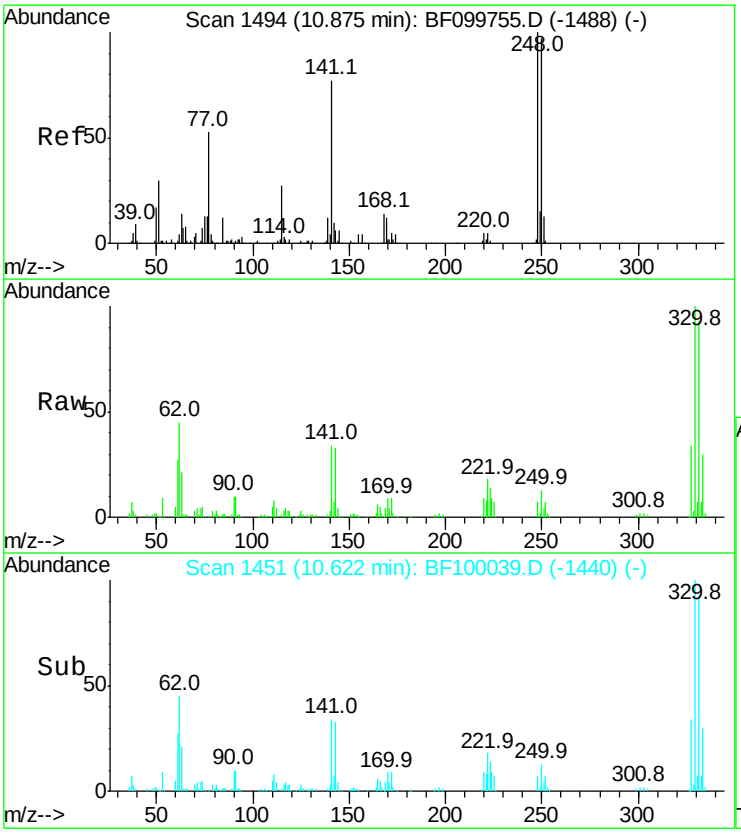
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF100039.D
Acq: 1 Nov 2017 10:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 291157

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	9.3	9.2	13.8

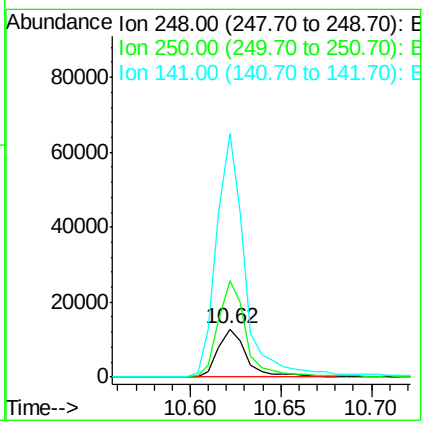


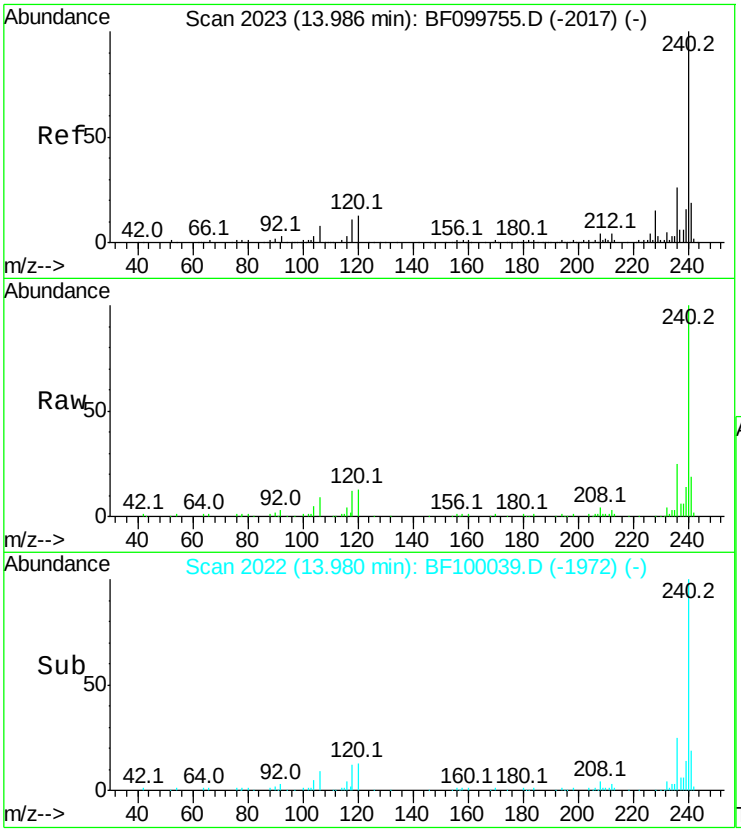


#66
4-Bromophenyl-phenylether
Concen: 4.536 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF100039.D
Acq: 1 Nov 2017 10:17

Tgt Ion:248 Resp: 13903

Ion	Ratio	Lower	Upper
248	100		
250	200.4	76.9	115.3#
141	505.0	74.4	111.6#



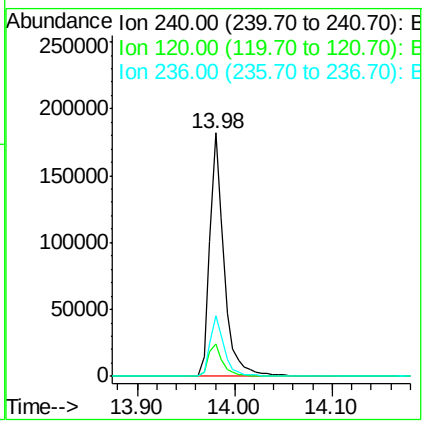


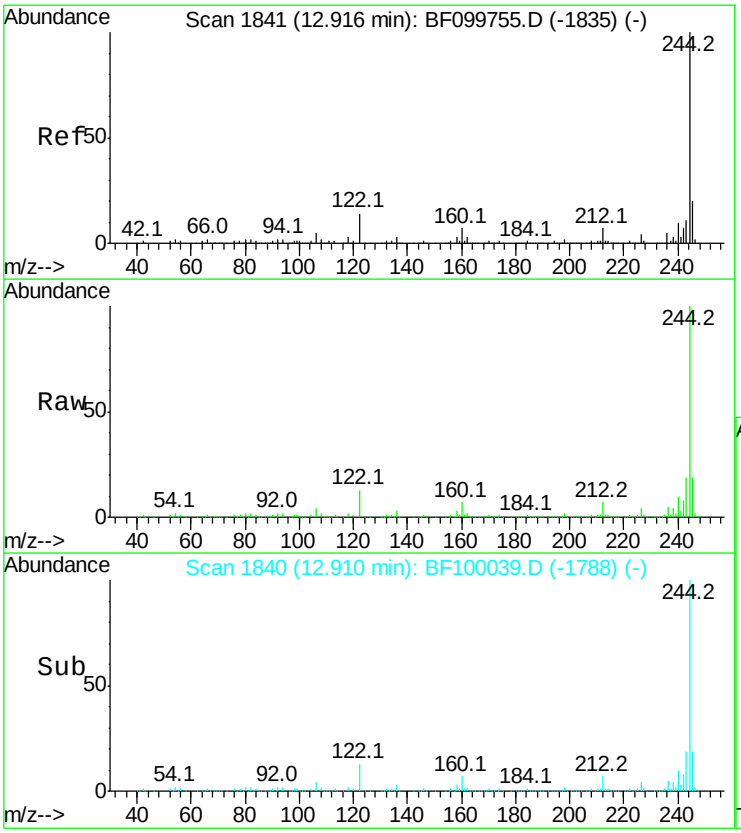
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF100039.D
Acq: 1 Nov 2017 10:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 185065

Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.5	14.3
236	24.7	20.7	31.1

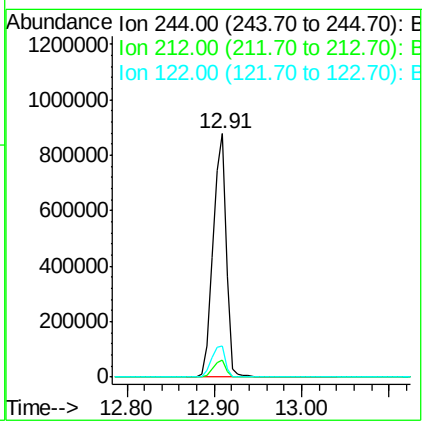


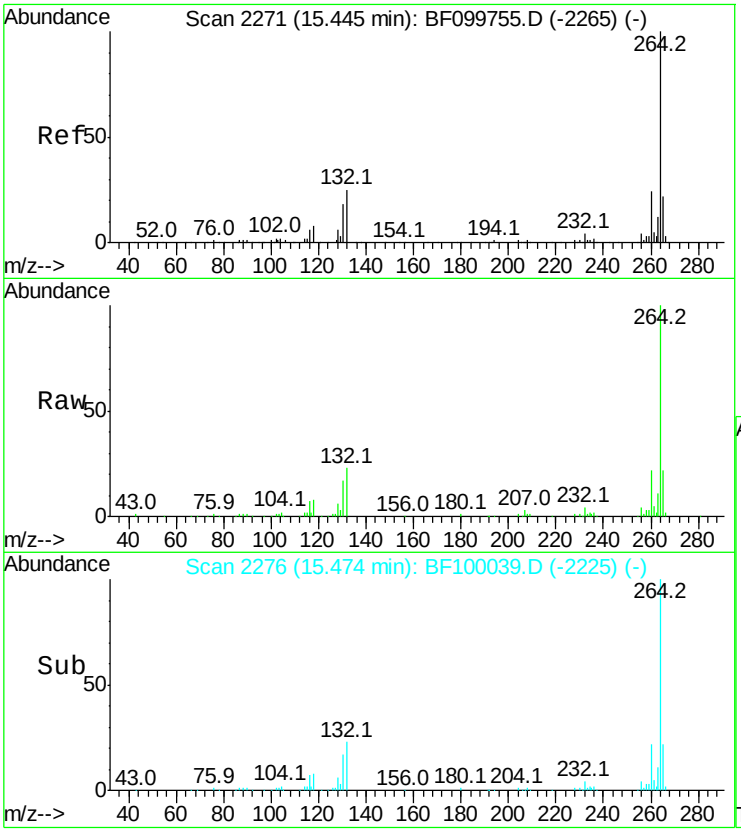


#78
Terphenyl-d14
Concen: 108.870 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF100039.D
Acq: 1 Nov 2017 10:17

Tgt Ion:244 Resp: 921950

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.7	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF100039.D
Acq: 1 Nov 2017 10:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 149499

Ion	Ratio	Lower	Upper
264	100		
260	21.8	19.2	28.8
265	22.3	17.5	26.3