Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
Data File : BF100035.D
Acq On : 1 Nov 2017 8:35
Operator : SJ/JU
Sample : I6094-06
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 01 11:06:51 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	75809	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	303955	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	140183	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	247889	20.00	ng		0.00
75) Chrysene-d12	13.98	240	148477	20.00	ng		0.00
86) Perylene-d12	15.49	264	137469	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	569141	117.87	ng		0.02
7) Phenol-d6	6.43	99	623979	108.98	ng		0.00
23) Nitrobenzene-d5	7.36	82	402260	85.20	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	165662	129.68	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	851412	93.71	ng		0.00
78) Terphenyl-d14	12.91	244	715642	105.33	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.56	77	10295	3.009	ng		92
19) n-Nitroso-di-n-propylamine	7.36	70	50307	14.993	ng	#	73
25) Isophorone	7.36	82	402260	46.954	ng	#	64
31) Naphthalene	8.09	128	305445	20.818	ng		99
33) 4-Chloroaniline	8.09	127	38008	6.273	ng	#	32
37) 2-Methylnaphthalene	8.79	142	26207	2.665	ng		97
50) 2,6-Dinitrotoluene	9.82	165	17993	7.710	ng	#	24
55) 4-Nitrophenol	10.04	139	5202	3.621	ng	#	9
56) 2,4-Dinitrotoluene	9.82	165	17993	6.402	ng	#	21
66) 4-Bromophenyl-phenylether	10.62	248	10977	4.206	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 8:35
Operator : SJ/JU
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Misc :
ALS Vial : 36 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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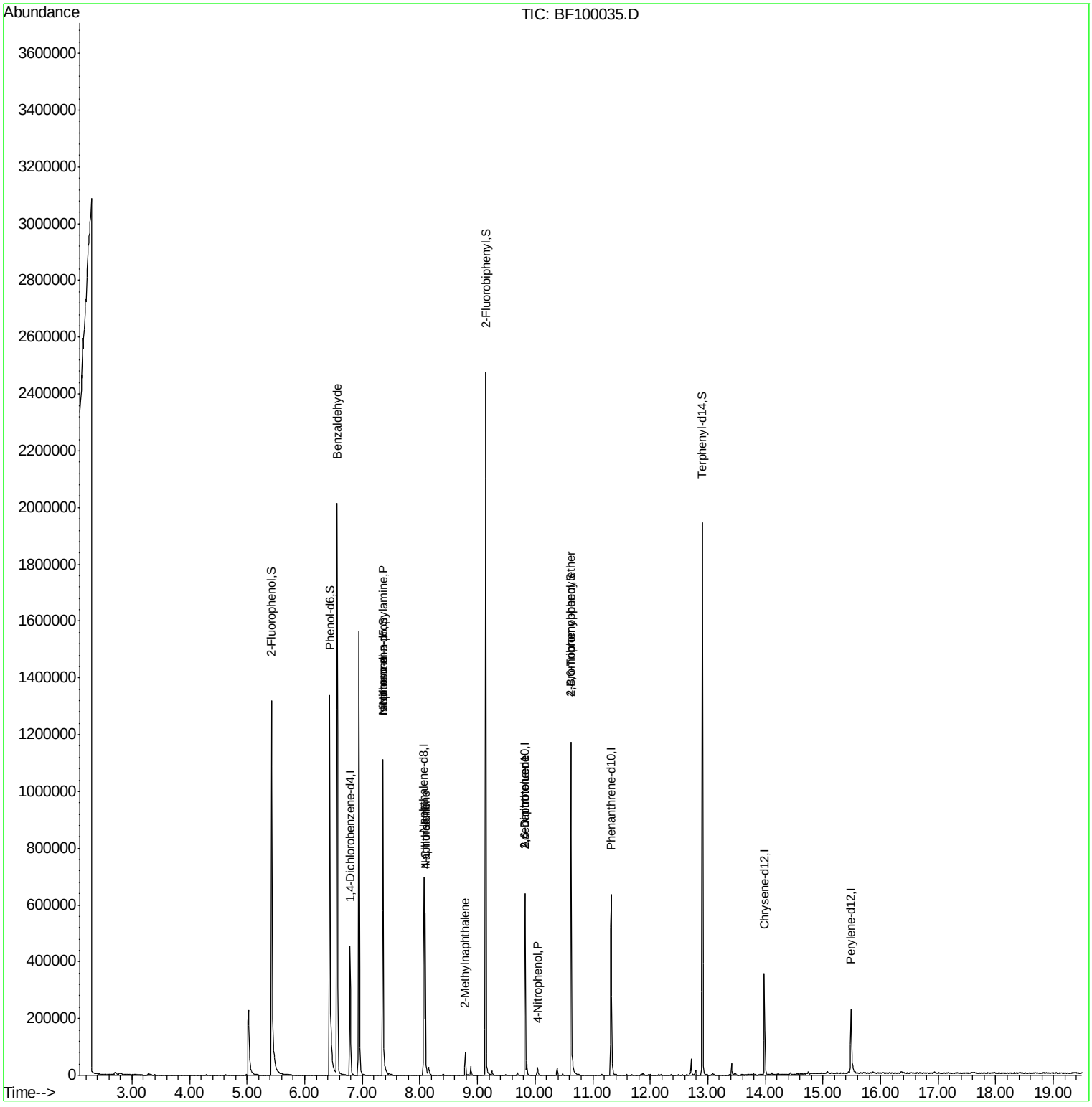
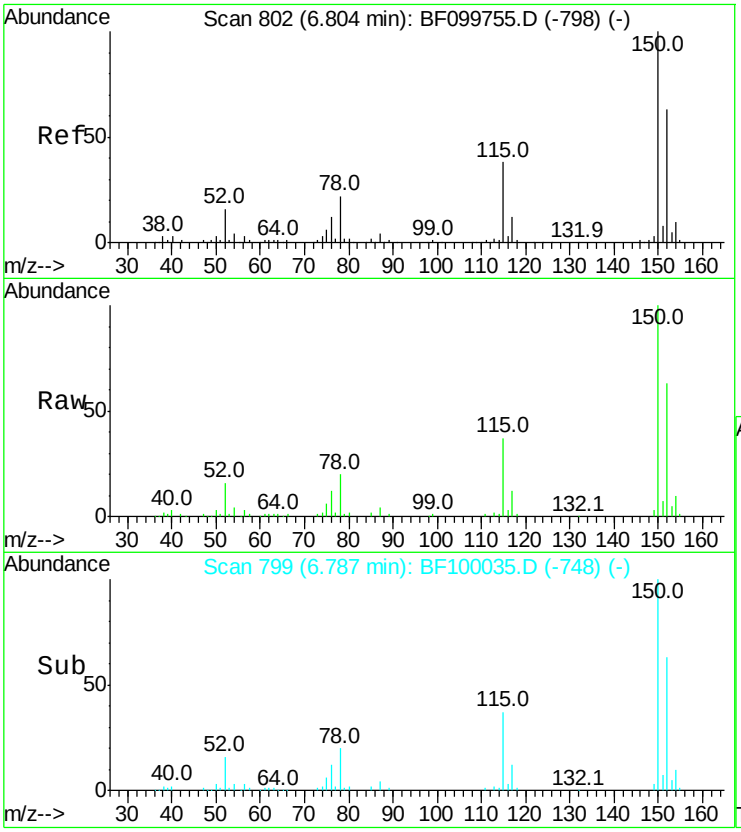


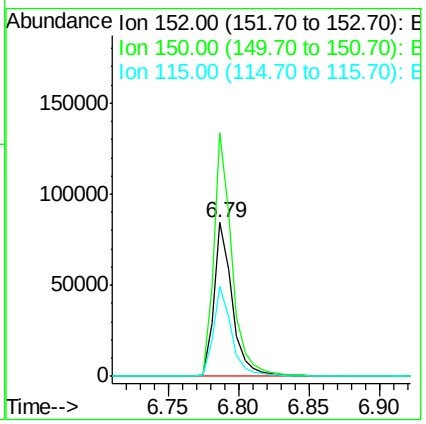


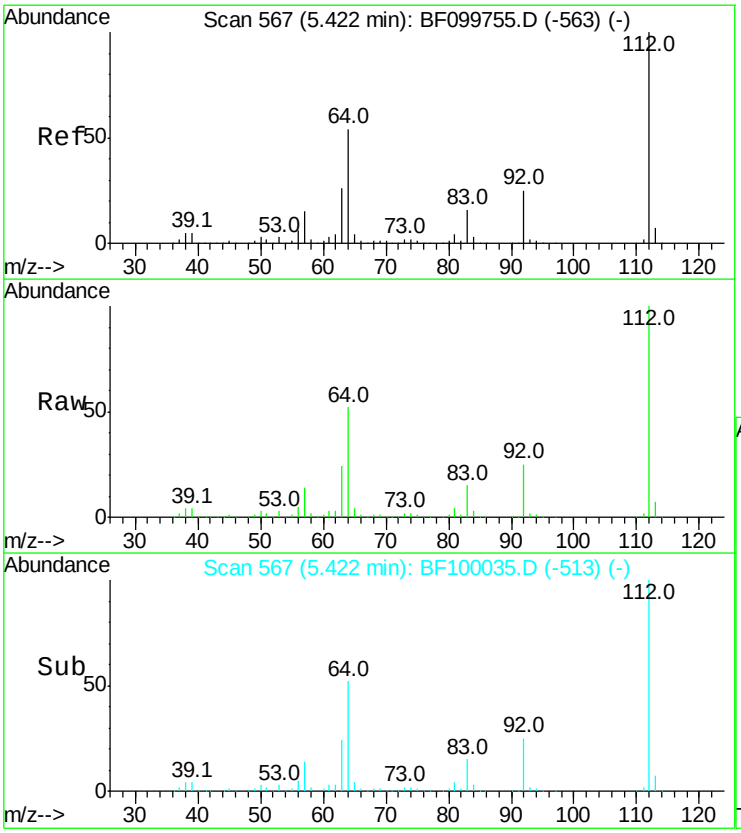
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF100035.D
Acq: 1 Nov 2017 8:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 75809

Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	58.8	50.1	75.1

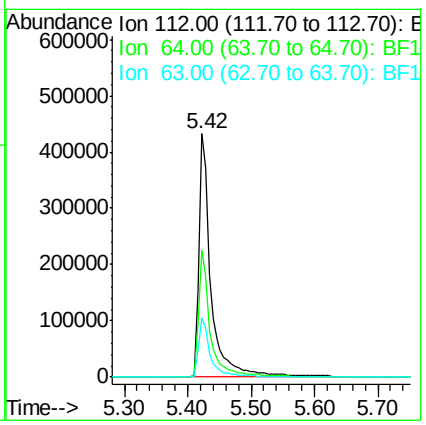


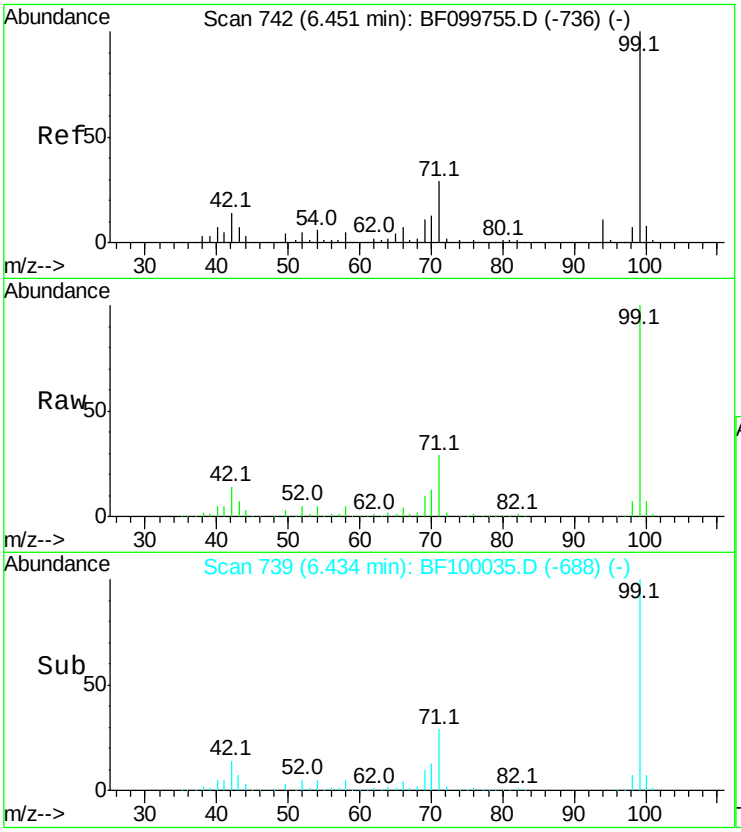


#5
2-Fluorophenol
Concen: 117.866 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BF100035.D
Acq: 1 Nov 2017 8:35

Tgt Ion:112 Resp: 569141

Ion	Ratio	Lower	Upper
112	100		
64	52.4	47.9	71.9
63	24.2	23.7	35.5



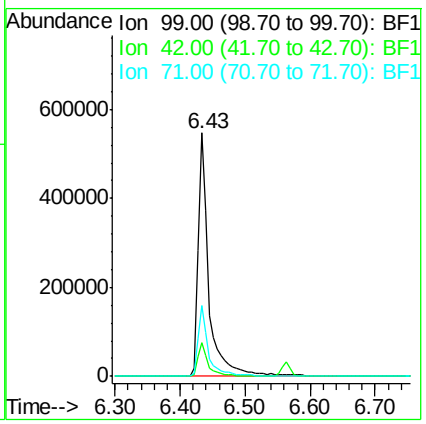


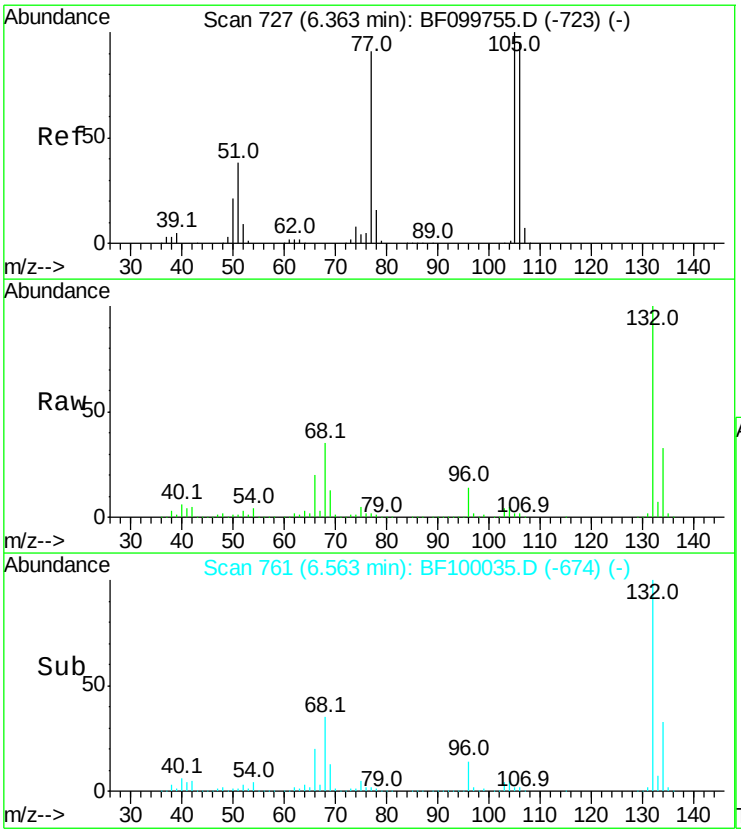
#7
Phenol-d6
Concen: 108.983 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF100035.D
Acq: 1 Nov 2017 8:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 623979

Ion	Ratio	Lower	Upper
99	100		
42	13.6	14.5	21.7#
71	29.2	25.4	38.0

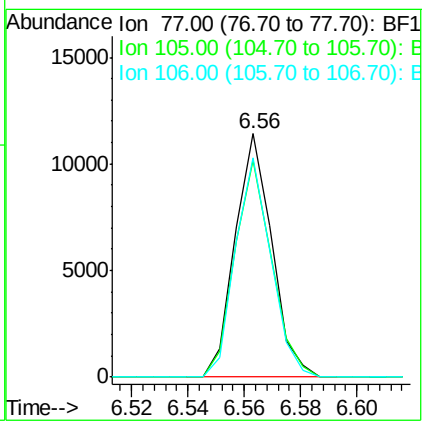


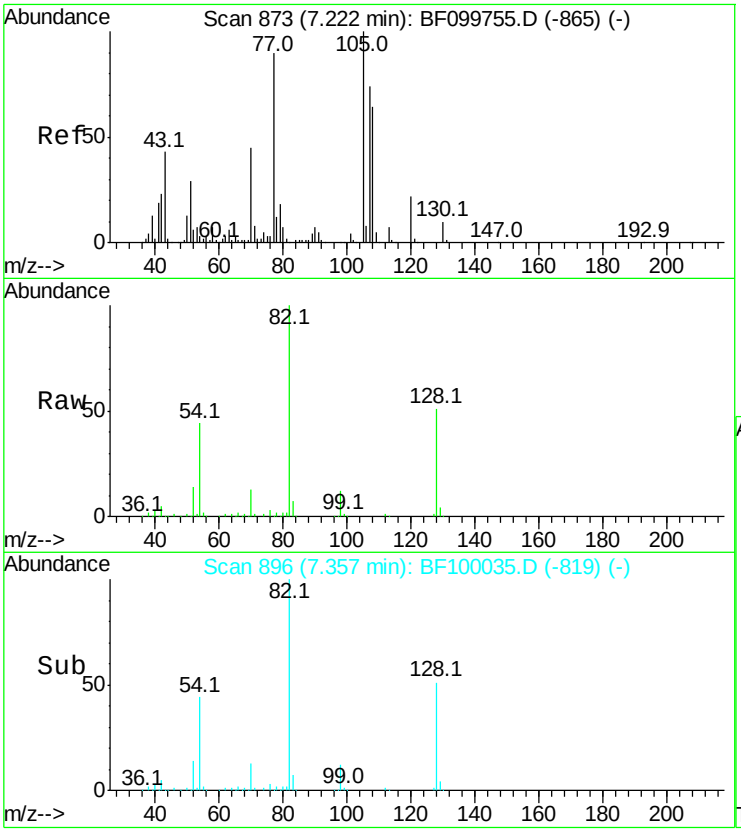


#9
Benzaldehyde
Concen: 3.009 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.21 min
Lab File: BF100035.D
Acq: 1 Nov 2017 8:35

Tgt Ion: 77 Resp: 10295

Ion	Ratio	Lower	Upper
77	100		
105	89.2	81.1	121.1
106	90.2	74.5	114.5



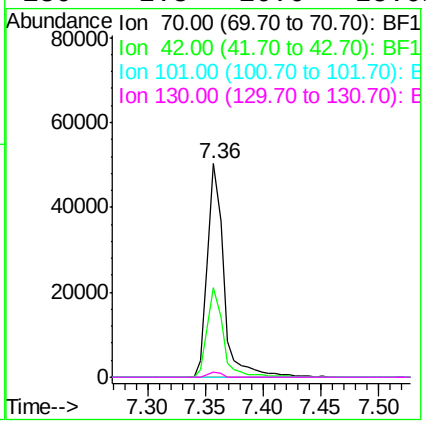


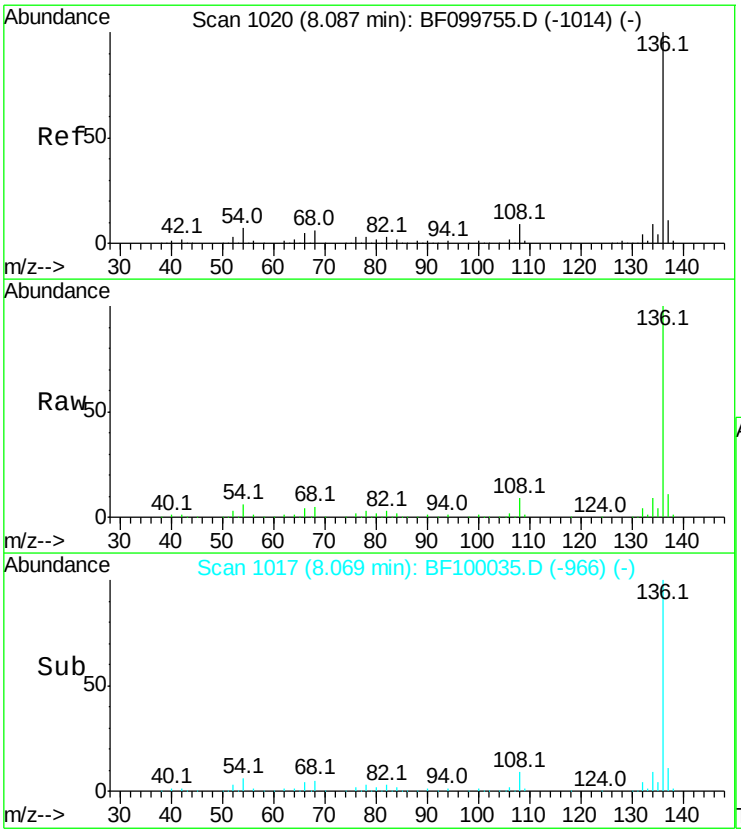
#19
n-Nitroso-di-n-propylamine
Concen: 14.993 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF100035.D
Acq: 1 Nov 2017 8:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 50307

Ion	Ratio	Lower	Upper
70	100		
42	42.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

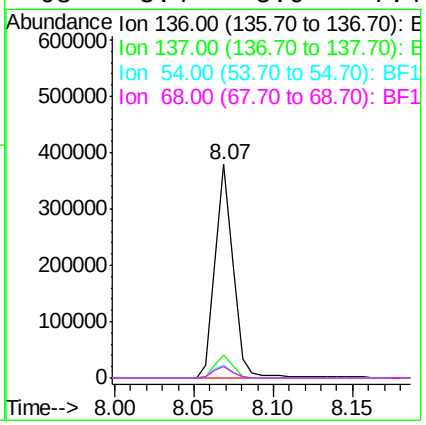


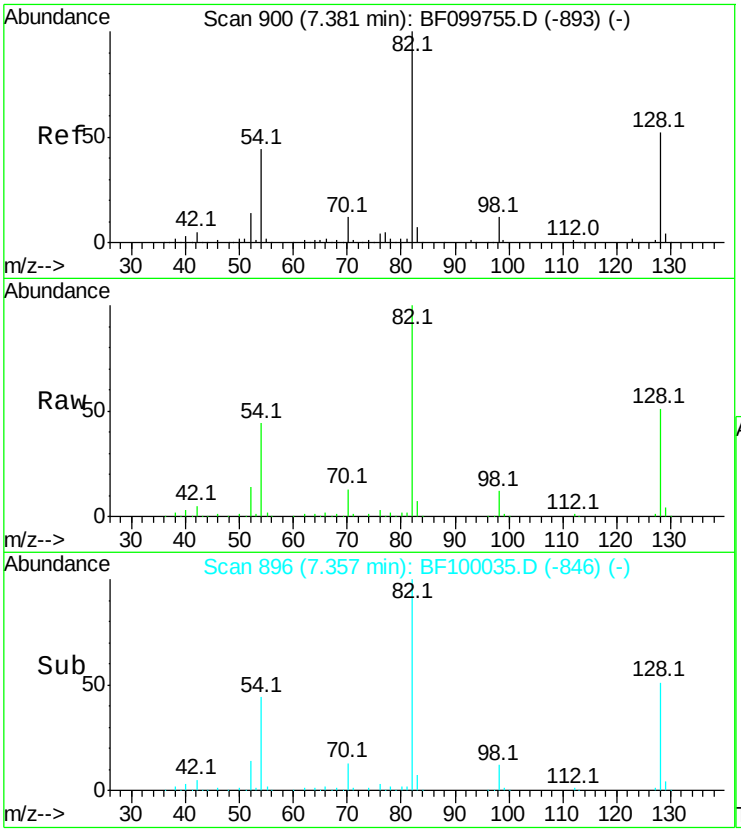


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF100035.D
Acq: 1 Nov 2017 8:35

Tgt Ion:136 Resp: 303955

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.0	6.6	9.8#
68	5.4	5.0	7.4



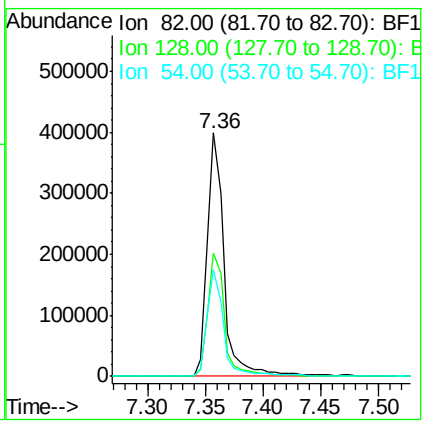


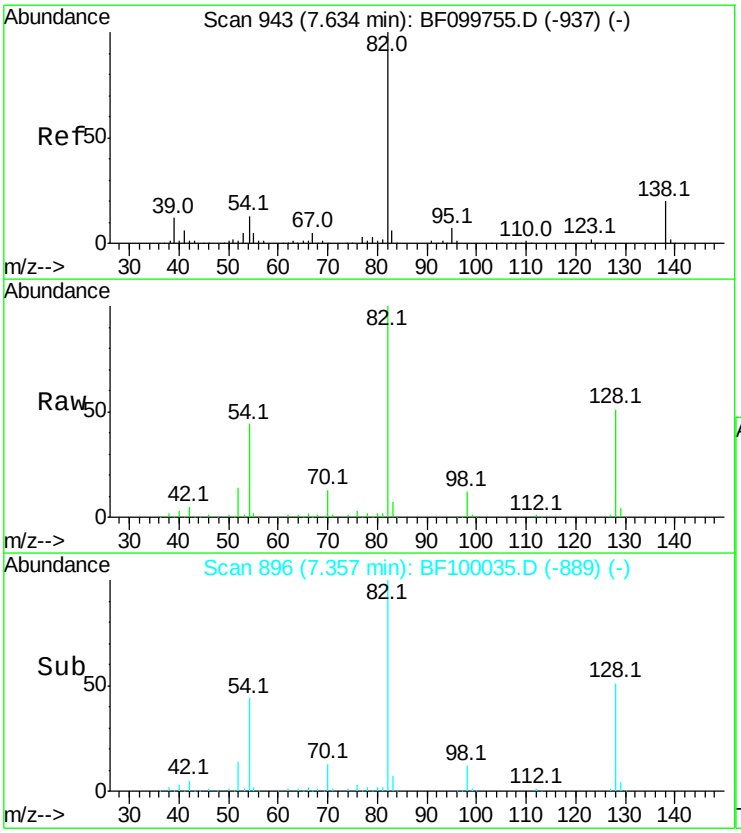
#23
Nitrobenzene-d5
Concen: 85.202 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF100035.D
Acq: 1 Nov 2017 8:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 402260

Ion	Ratio	Lower	Upper
82	100		
128	50.7	36.1	54.1
54	44.0	41.4	62.2

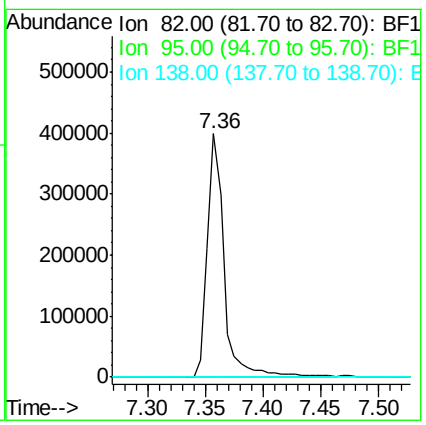


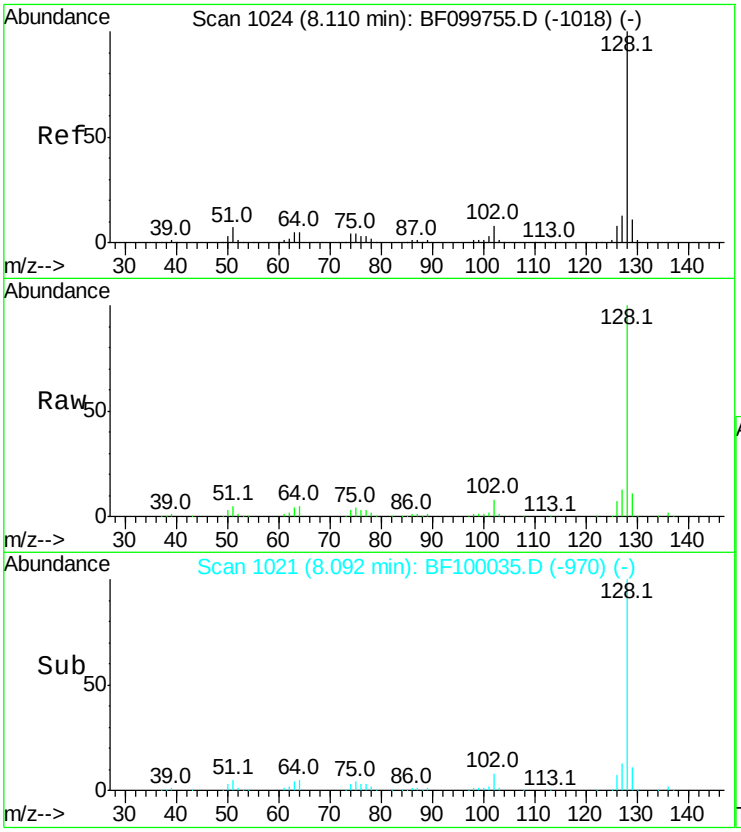


#25
Isophorone
Concen: 46.954 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF100035.D
Acq: 1 Nov 2017 8:35

Tgt Ion: 82 Resp: 402260

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



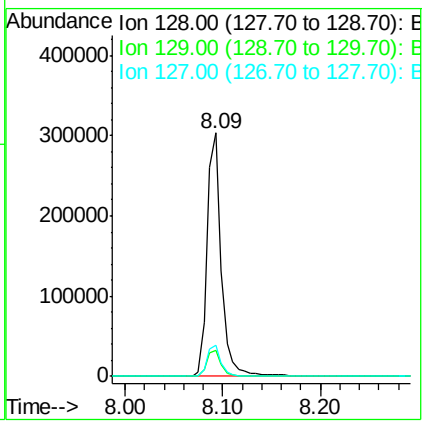


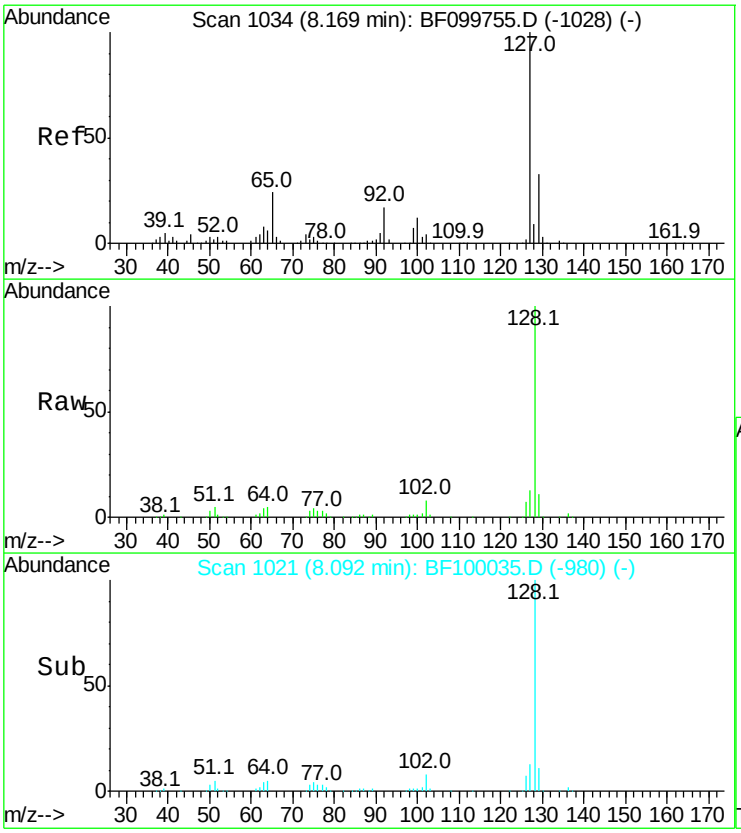
#31
Naphthalene
Concen: 20.818 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF100035.D
Acq: 1 Nov 2017 8:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 305445

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.7	10.9	16.3

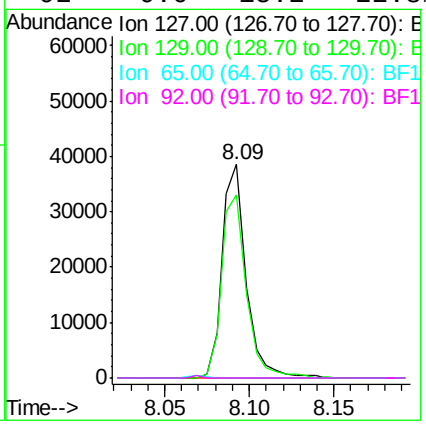


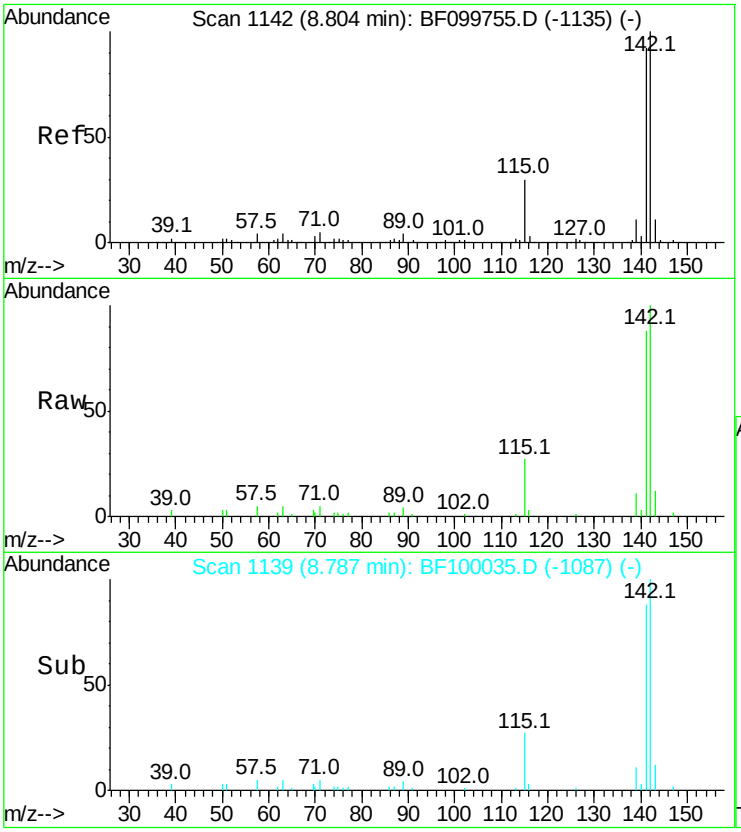


#33
4-Chloroaniline
Concen: 6.273 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.06 min
Lab File: BF100035.D
Acq: 1 Nov 2017 8:35

Tgt Ion:127 Resp: 38008

Ion	Ratio	Lower	Upper
127	100		
129	85.8	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



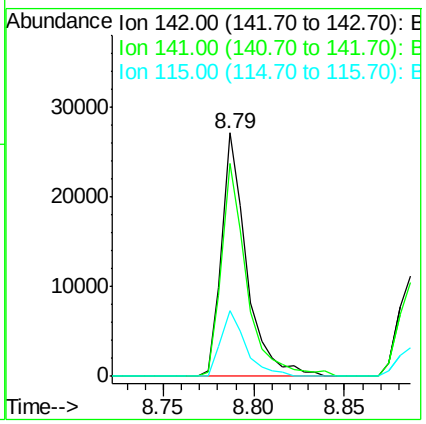


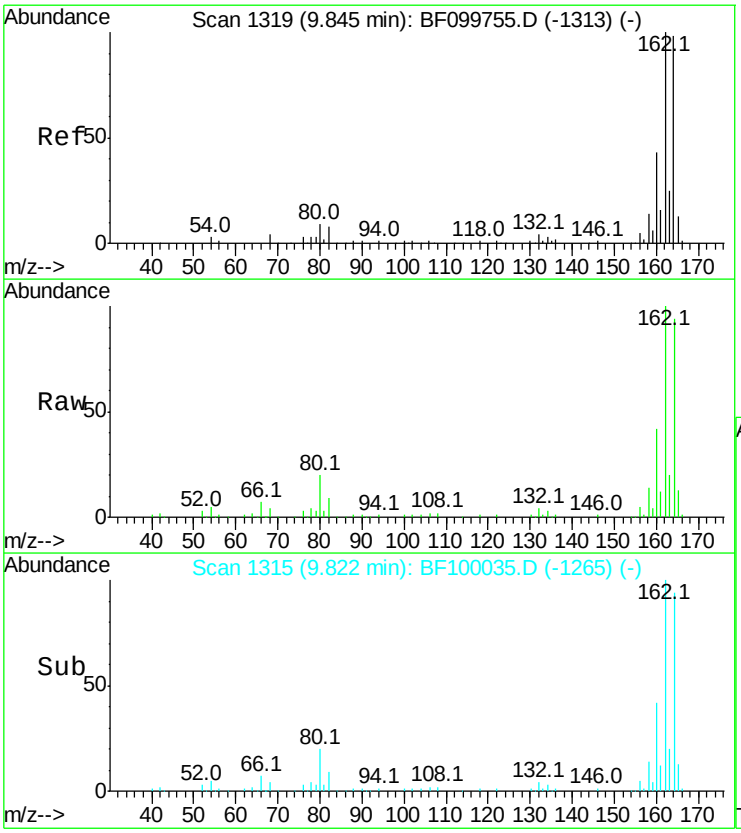
#37
2-Methylnaphthalene
Concen: 2.665 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF100035.D
Acq: 1 Nov 2017 8:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 26207

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.8	106.2
115	27.1	26.1	39.1

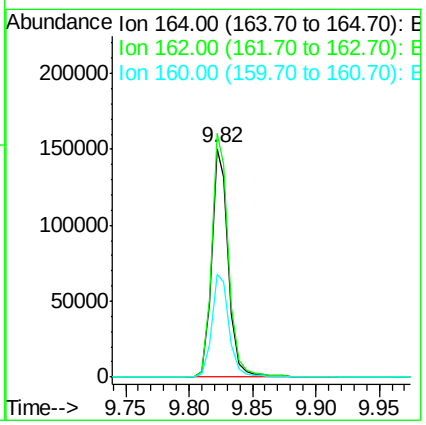


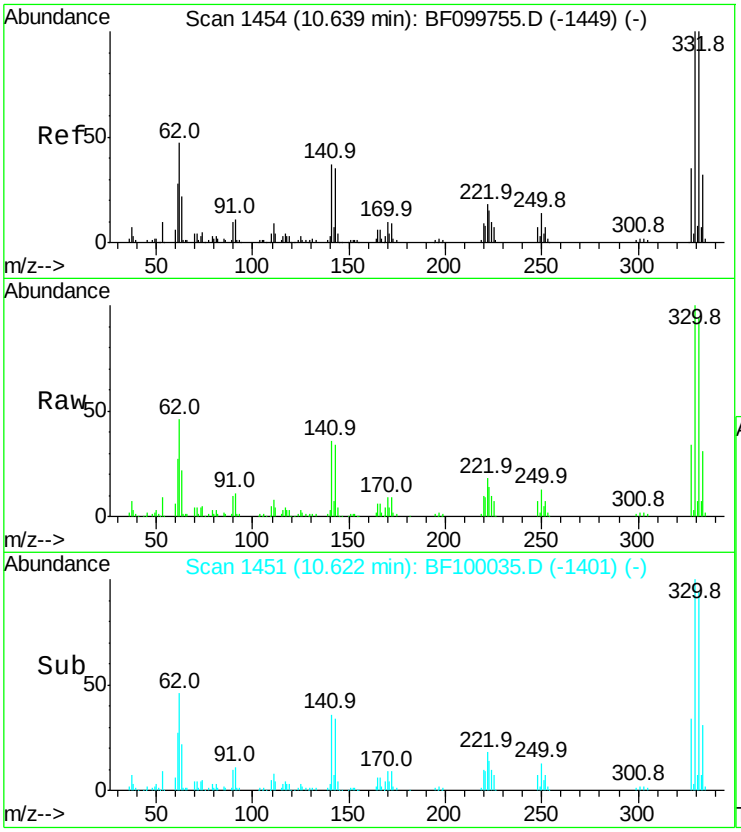


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF100035.D
Acq: 1 Nov 2017 8:35

Tgt Ion:164 Resp: 140183

Ion	Ratio	Lower	Upper
164	100		
162	106.5	86.1	129.1
160	44.8	38.3	57.5



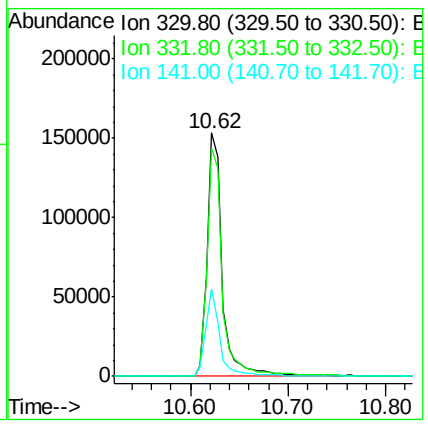


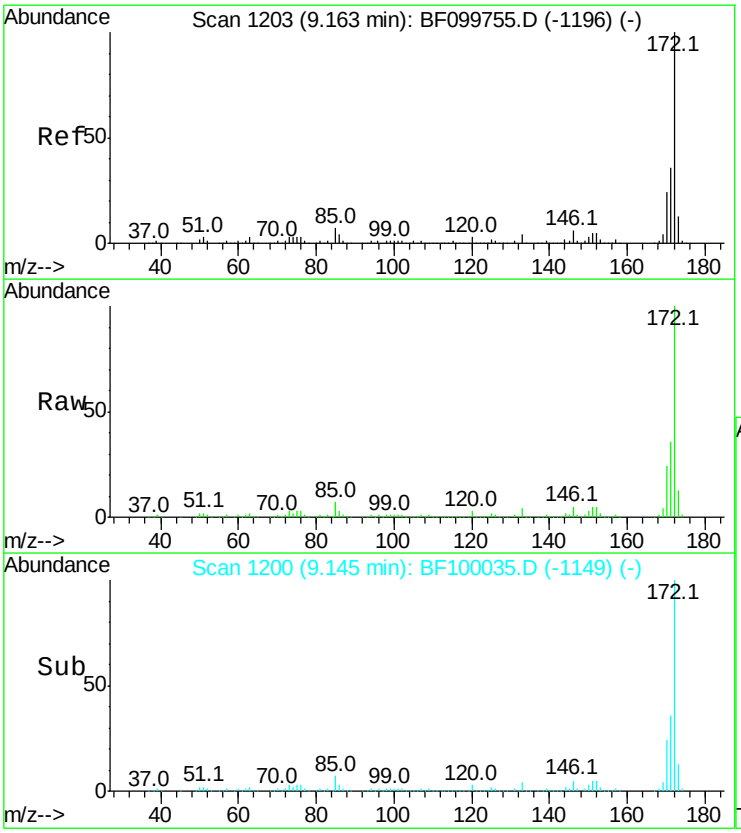
#41
2,4,6-Tribromophenol
Concen: 129.676 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF100035.D
Acq: 1 Nov 2017 8:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 165662

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	34.0	29.9	44.9

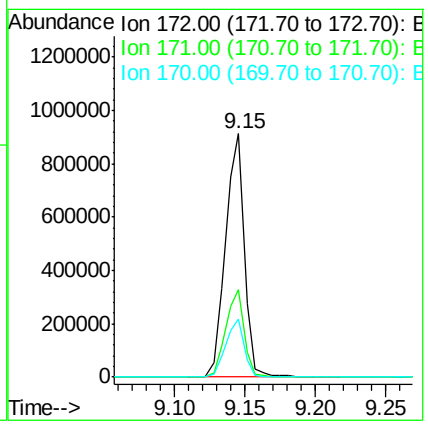


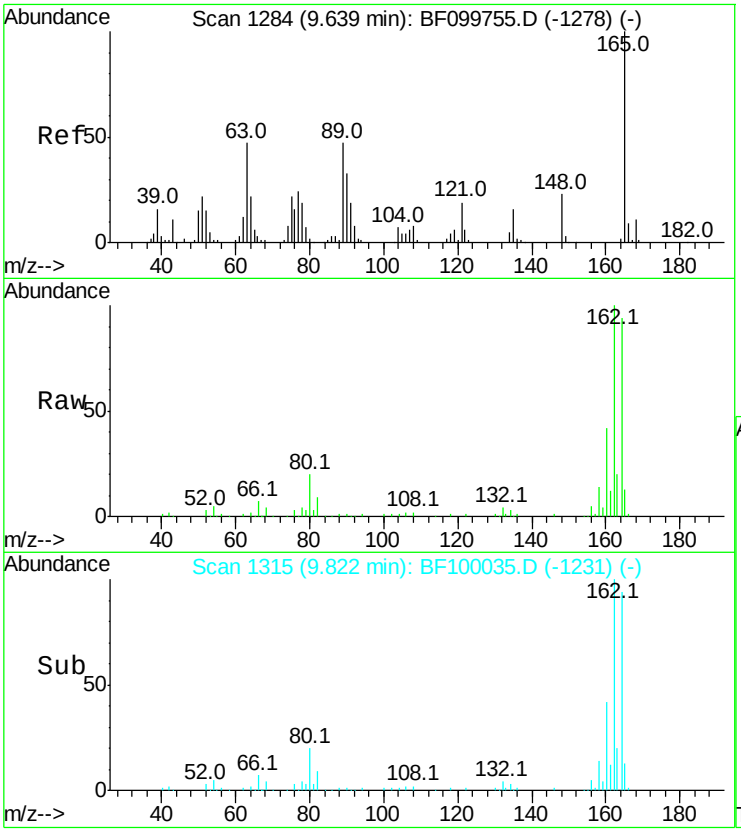


#44
2-Fluorobiphenyl
Concen: 93.705 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF100035.D
Acq: 1 Nov 2017 8:35

Tgt Ion:172 Resp: 851412

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.6	19.6	29.4



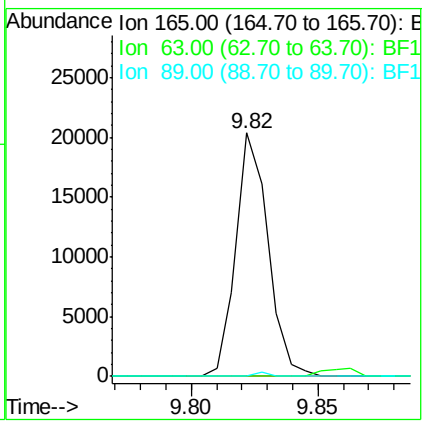


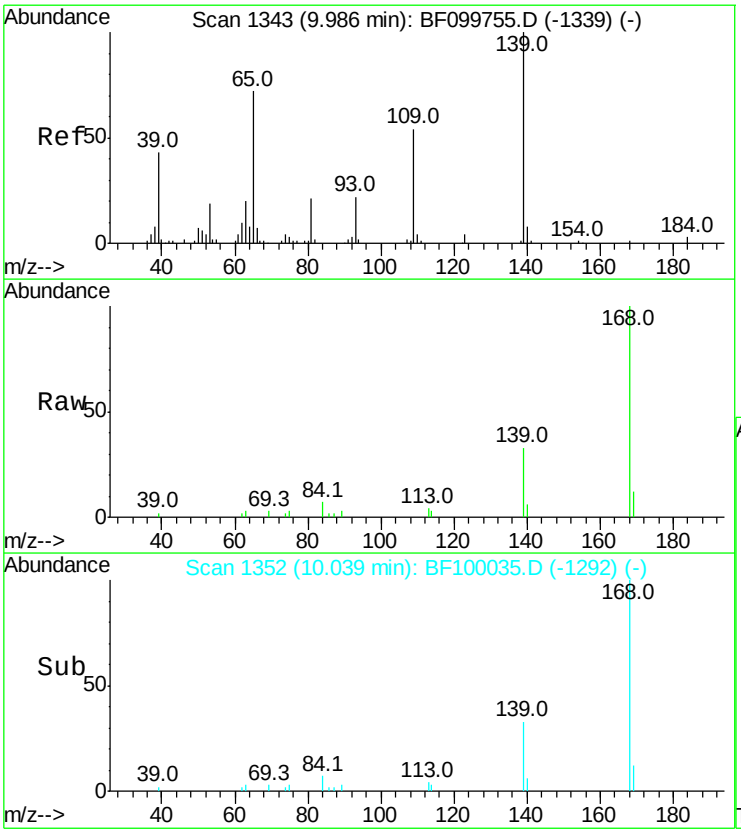
#50
2,6-Dinitrotoluene
Concen: 7.710 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.19 min
Lab File: BF100035.D
Acq: 1 Nov 2017 8:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 17993

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

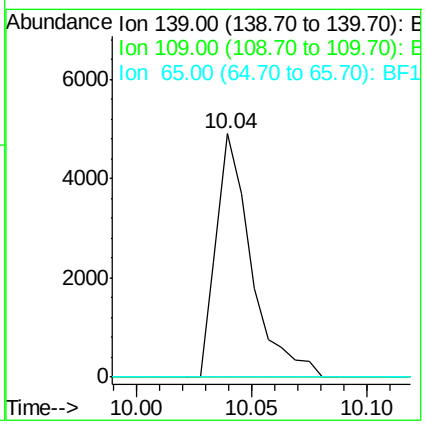


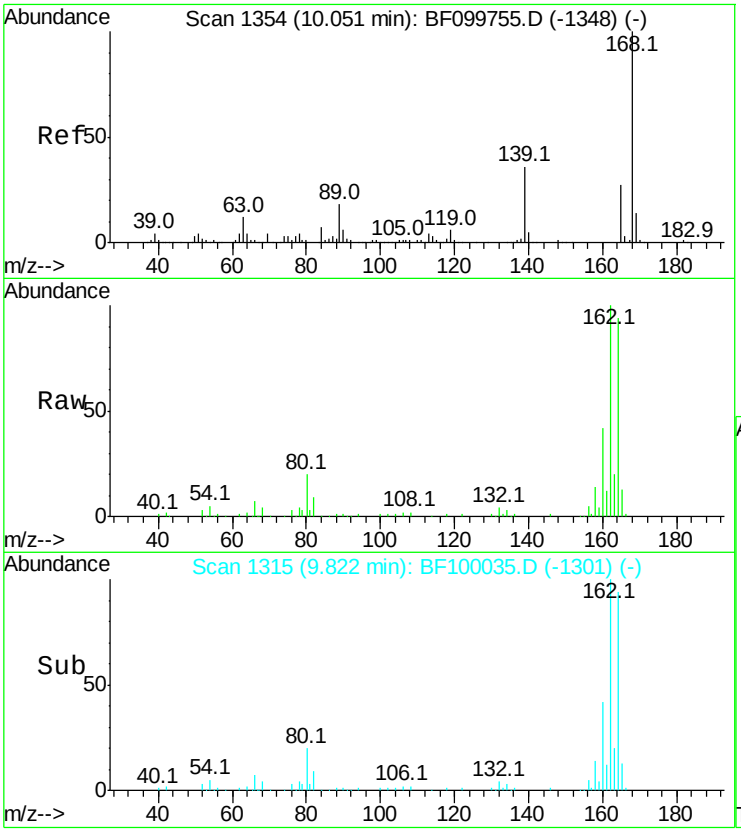


#55
4-Nitrophenol
Concen: 3.621 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.05 min
Lab File: BF100035.D
Acq: 1 Nov 2017 8:35

Tgt Ion:139 Resp: 5202

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



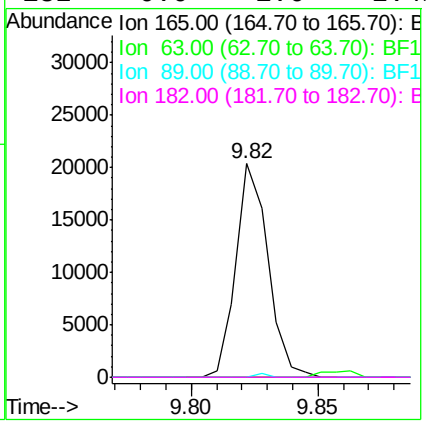


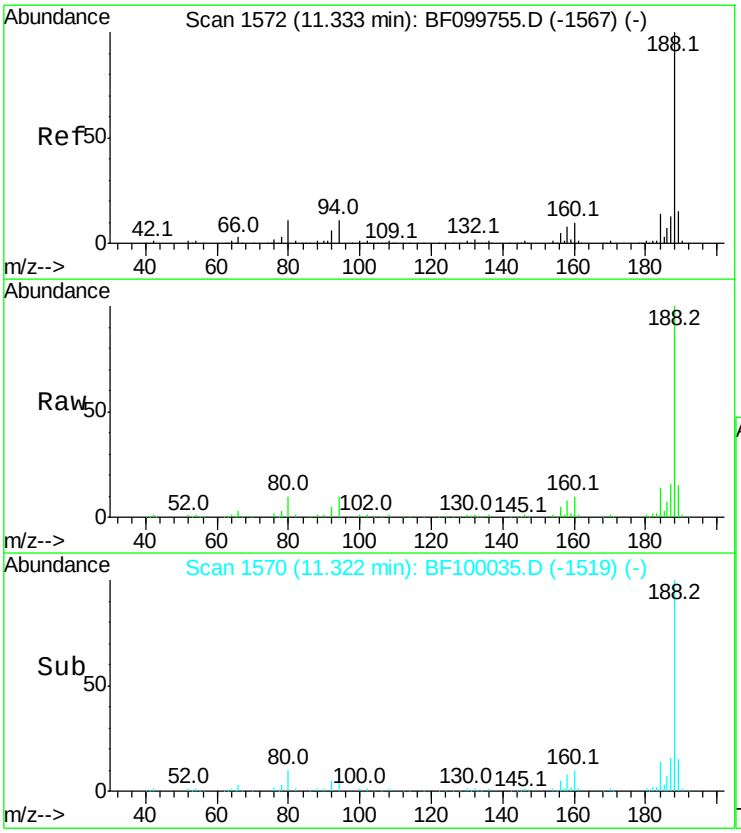
#56
2,4-Dinitrotoluene
Concen: 6.402 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF100035.D
Acq: 1 Nov 2017 8:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 17993

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#

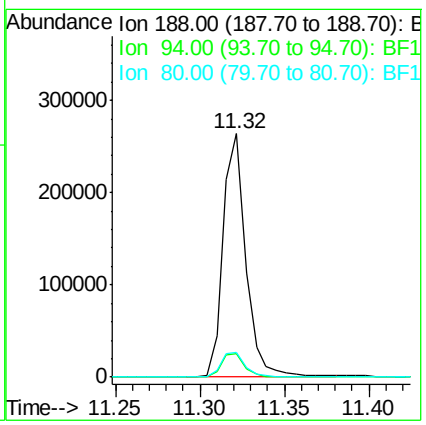


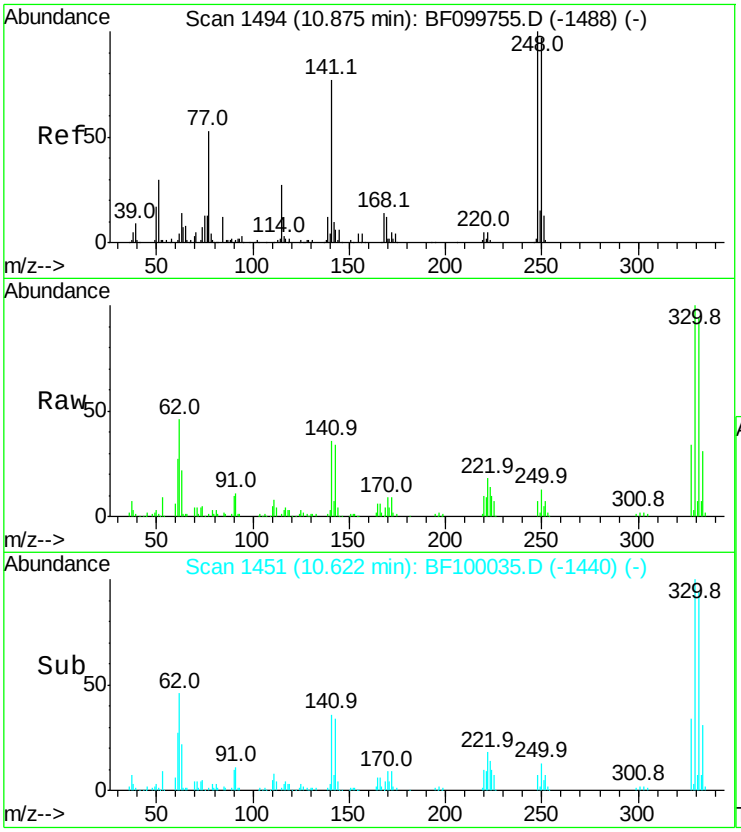


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF100035.D
Acq: 1 Nov 2017 8:35

Tgt Ion:188 Resp: 247889

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.1	9.2	13.8



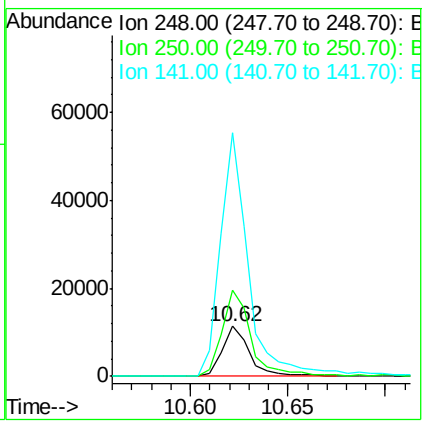


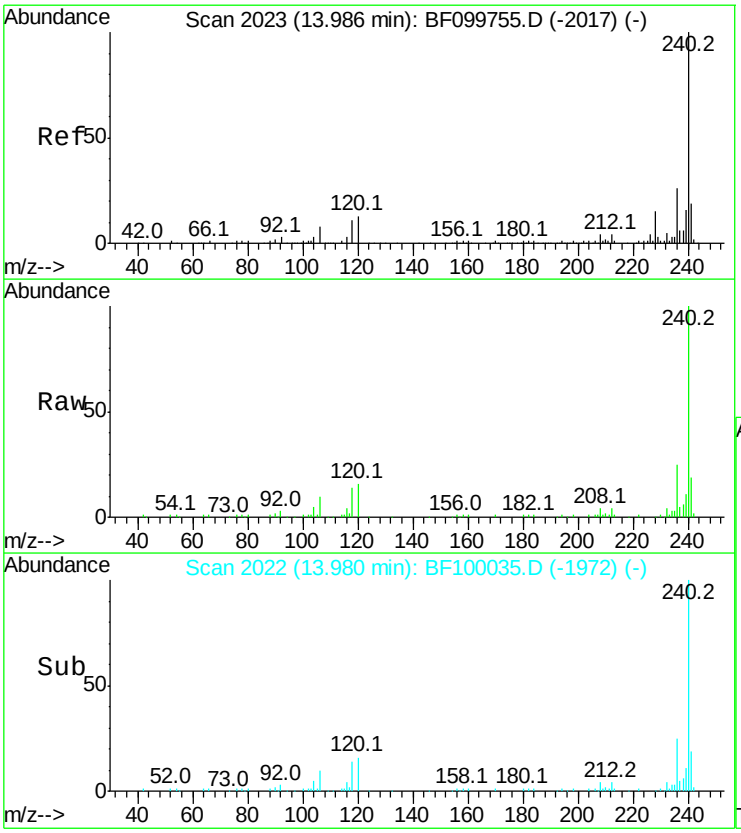
#66
4-Bromophenyl-phenylether
Concen: 4.206 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF100035.D
Acq: 1 Nov 2017 8:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 10977

Ion	Ratio	Lower	Upper
248	100		
250	174.1	76.9	115.3#
141	488.9	74.4	111.6#

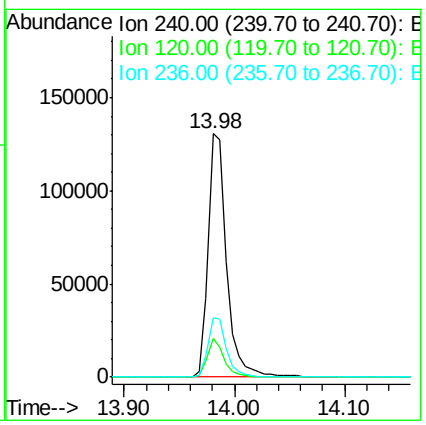


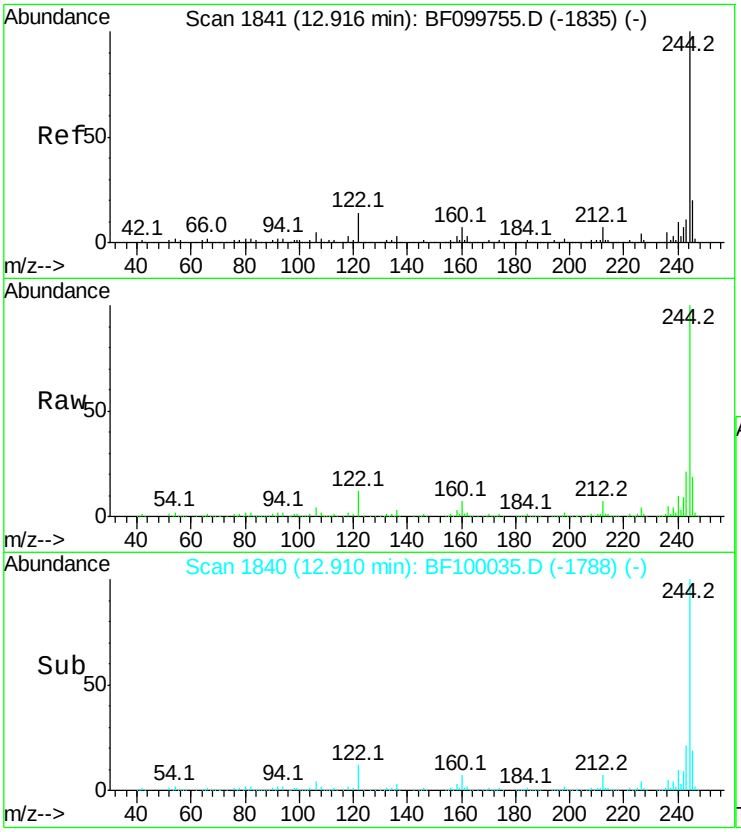


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF100035.D
Acq: 1 Nov 2017 8:35

Tgt Ion:240 Resp: 148477

Ion	Ratio	Lower	Upper
240	100		
120	15.7	9.5	14.3#
236	24.6	20.7	31.1



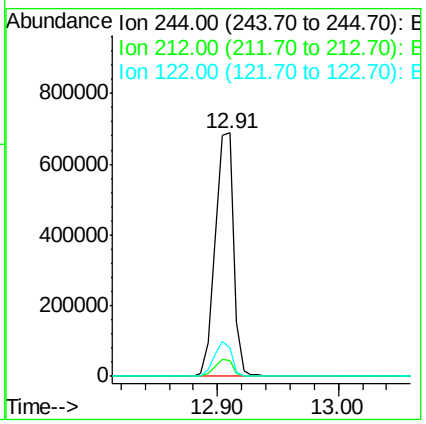


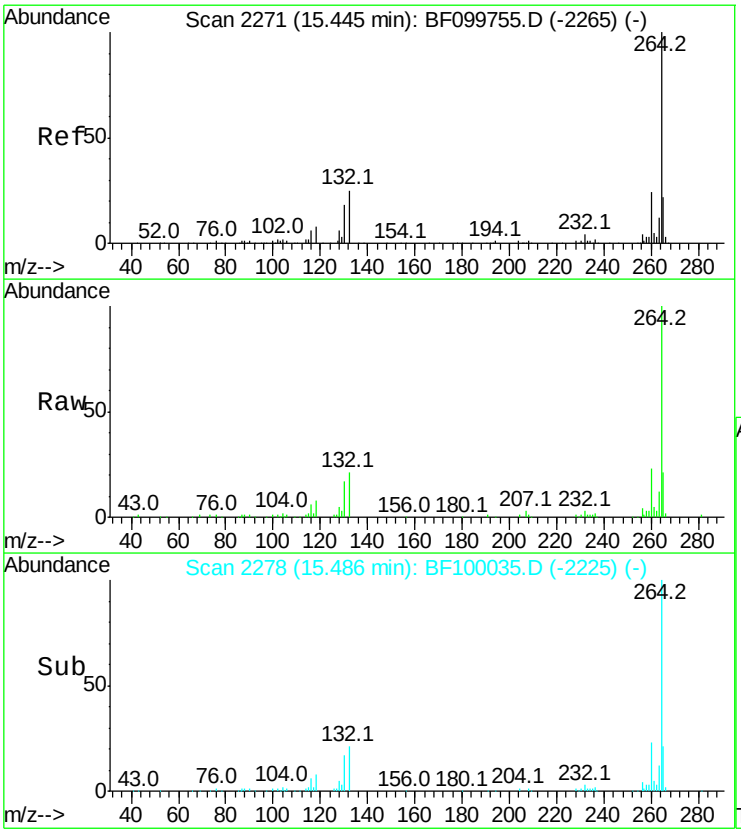
#78
Terphenyl-d14
Concen: 105.332 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF100035.D
Acq: 1 Nov 2017 8:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 715642

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.8	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF100035.D
Acq: 1 Nov 2017 8:35

Tgt Ion:264 Resp: 137469

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.3	17.5	26.3