Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
Data File : BF099926.D
Acq On : 28 Oct 2017 19:22
Operator : SJ/JU
Sample : I6146-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 30 02:01:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 15:58:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	102609	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	410373	20.00	ng		-0.01
38) Acenaphthene-d10	9.82	164	176939	20.00	ng		-0.02
63) Phenanthrene-d10	11.31	188	260131	20.00	ng		-0.02
75) Chrysene-d12	13.96	240	177331	20.00	ng		-0.03
86) Perylene-d12	15.42	264	194586	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	471637	72.16	ng		0.00
7) Phenol-d6	6.43	99	543679	70.16	ng		-0.01
23) Nitrobenzene-d5	7.36	82	314043	49.27	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	88674	54.99	ng		-0.02
44) 2-Fluorobiphenyl	9.14	172	552888	48.21	ng		-0.02
78) Terphenyl-d14	12.89	244	333869	41.14	ng		-0.03
Target Compounds							Qvalue
10) Phenol	6.44	94	29379	3.453	ng		84
19) n-Nitroso-di-n-propylamine	7.36	70	38395	8.454	ng	#	72
25) Isophorone	7.36	82	314043	27.151	ng	#	64
49) Dimethylphthalate	9.54	163	117324	8.373	ng		100
56) 2,4-Dinitrotoluene	9.82	165	22420	6.320	ng	#	22
62) Azobenzene	10.53	77	25277	2.204	ng	#	1
66) 4-Bromophenyl-phenylether	10.62	248	6071	2.217	ng	#	1

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

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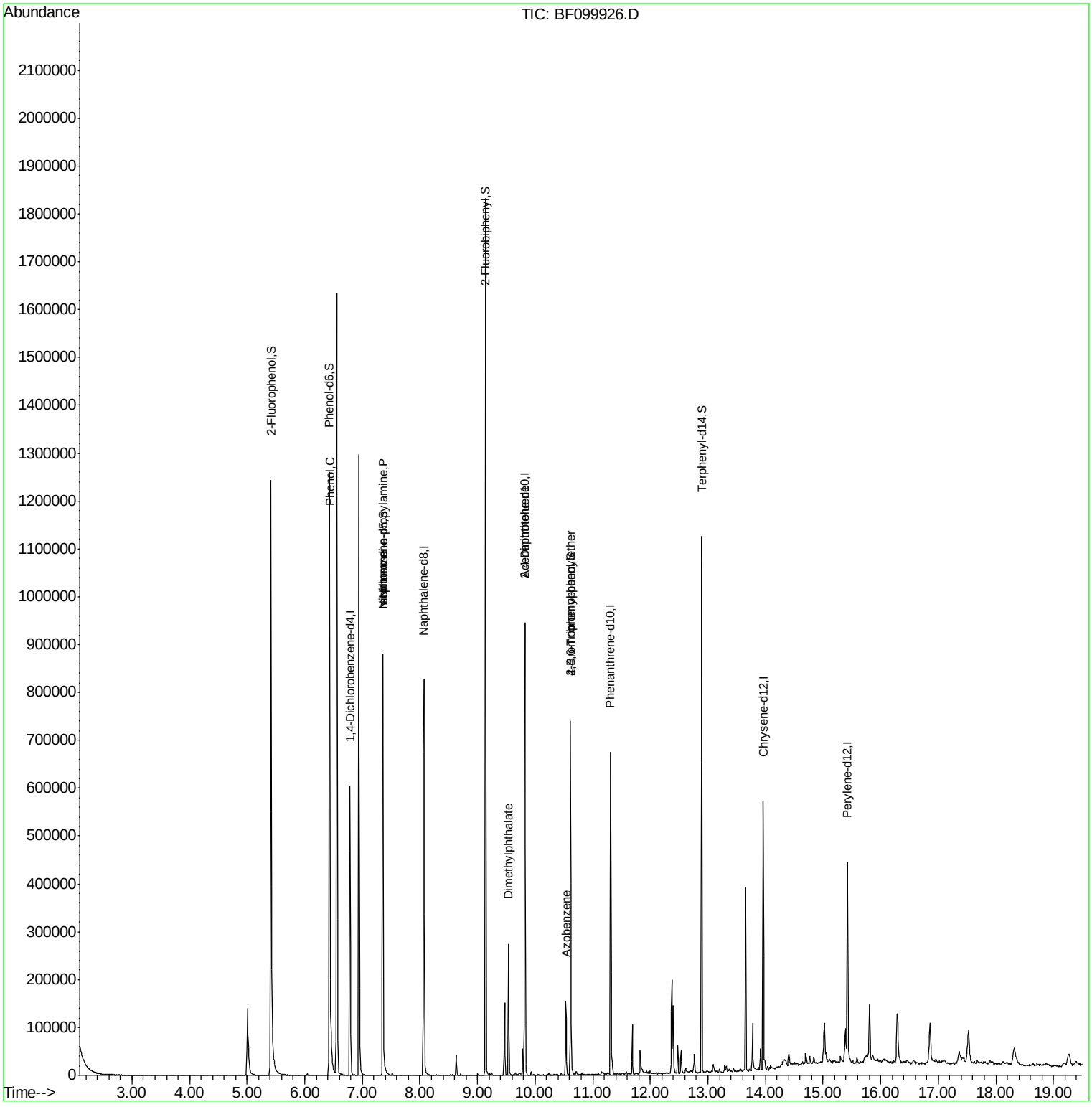
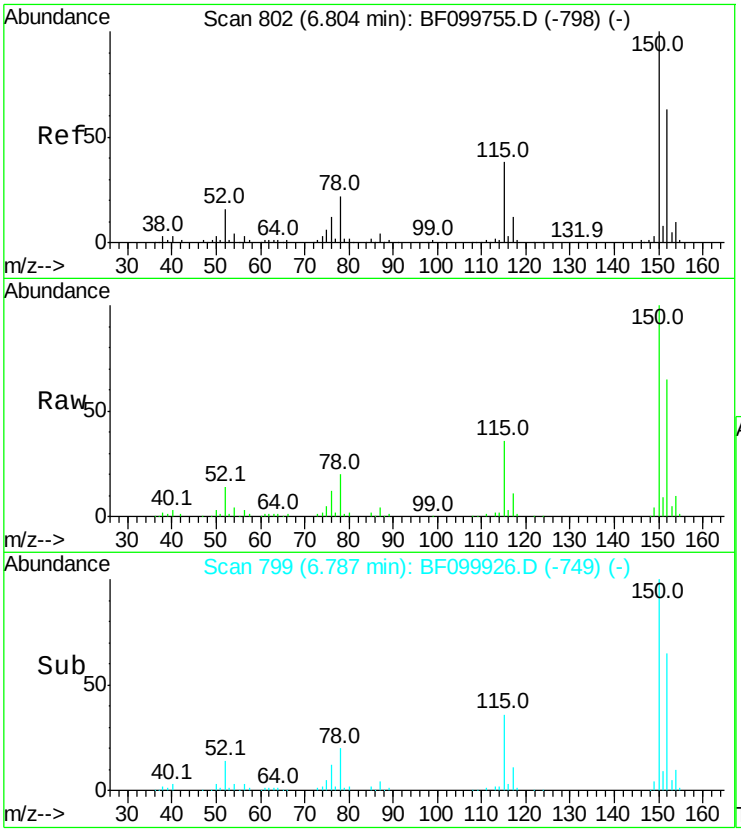


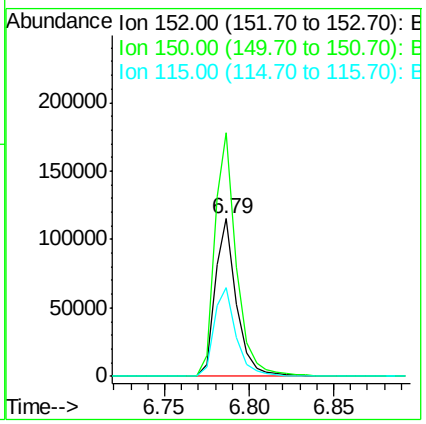


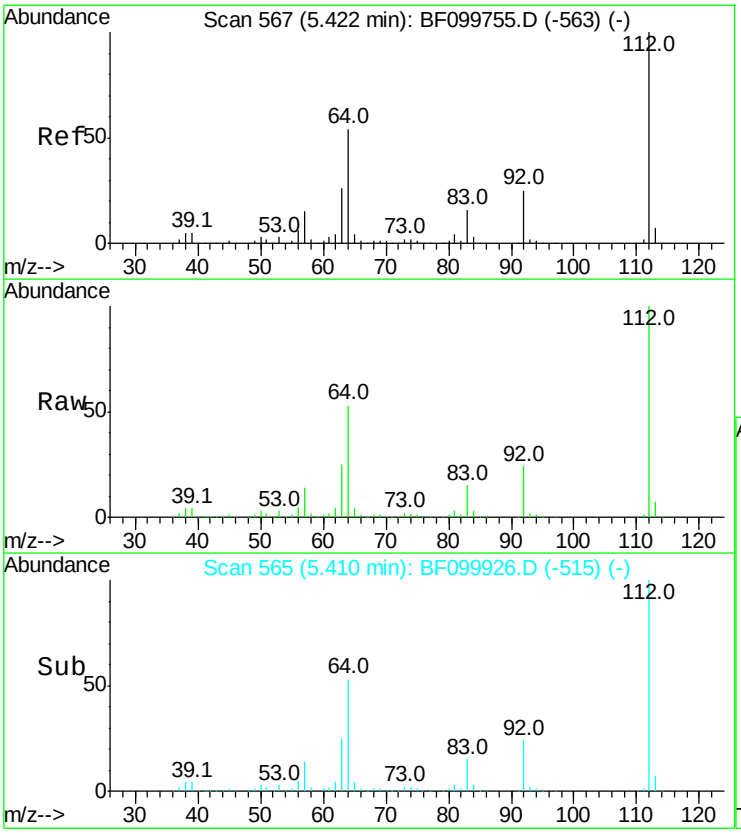
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099926.D
Acq: 28 Oct 2017 19:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 102609

Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	56.3	50.1	75.1

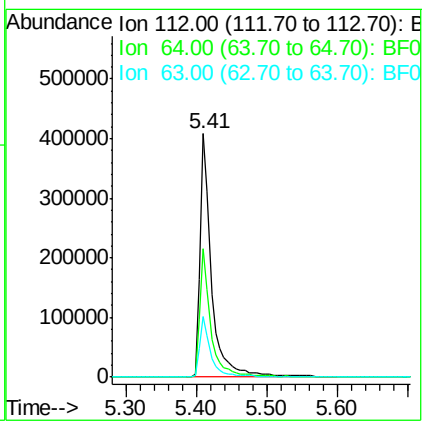


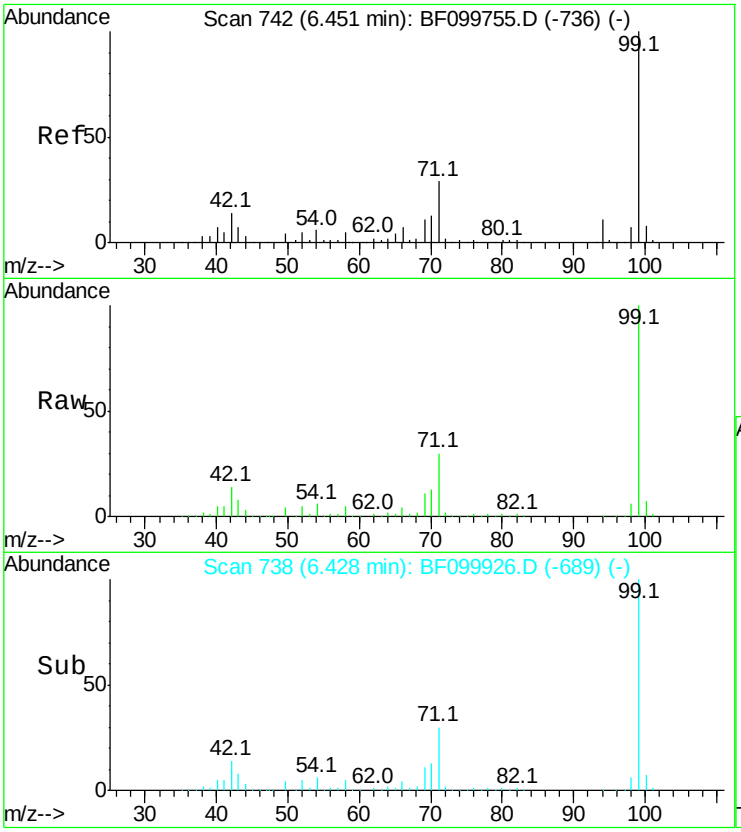


#5
2-Fluorophenol
Concen: 72.163 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF099926.D
Acq: 28 Oct 2017 19:22

Tgt Ion:112 Resp: 471637

Ion	Ratio	Lower	Upper
112	100		
64	53.0	47.9	71.9
63	24.9	23.7	35.5



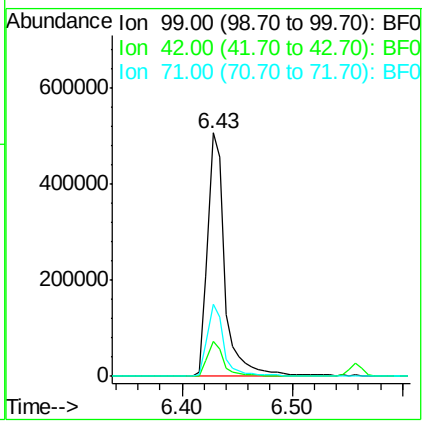


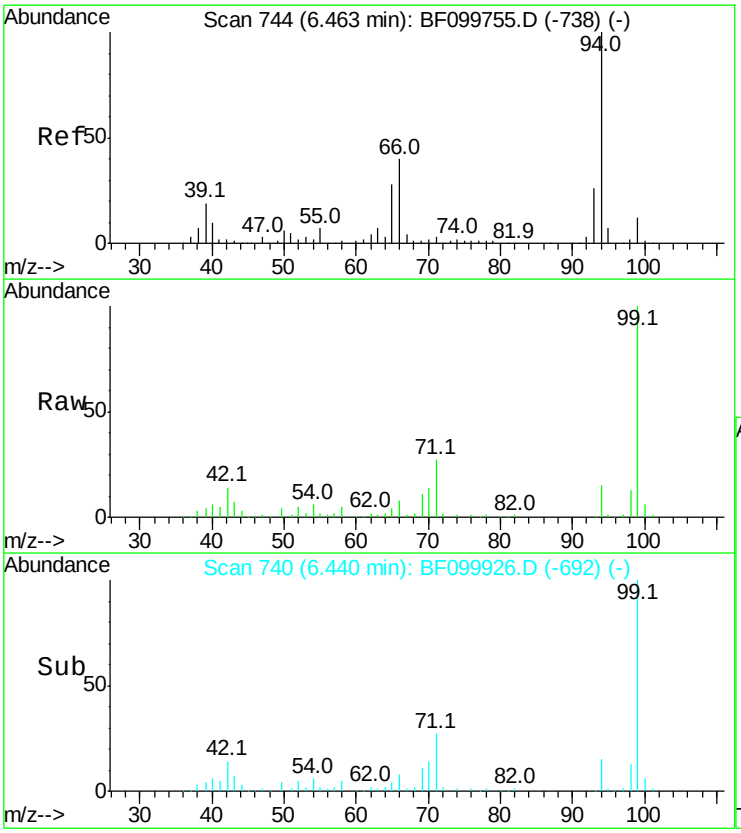
#7
Phenol-d6
Concen: 70.156 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF099926.D
Acq: 28 Oct 2017 19:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 543679

Ion	Ratio	Lower	Upper
99	100		
42	14.4	14.5	21.7#
71	29.7	25.4	38.0

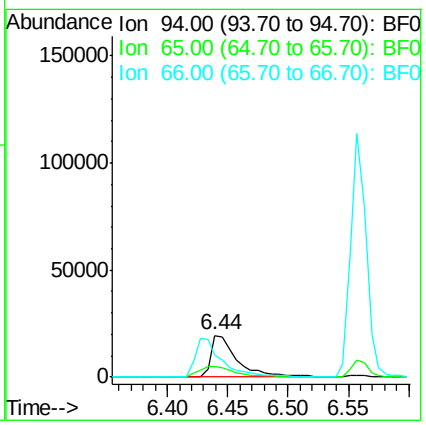


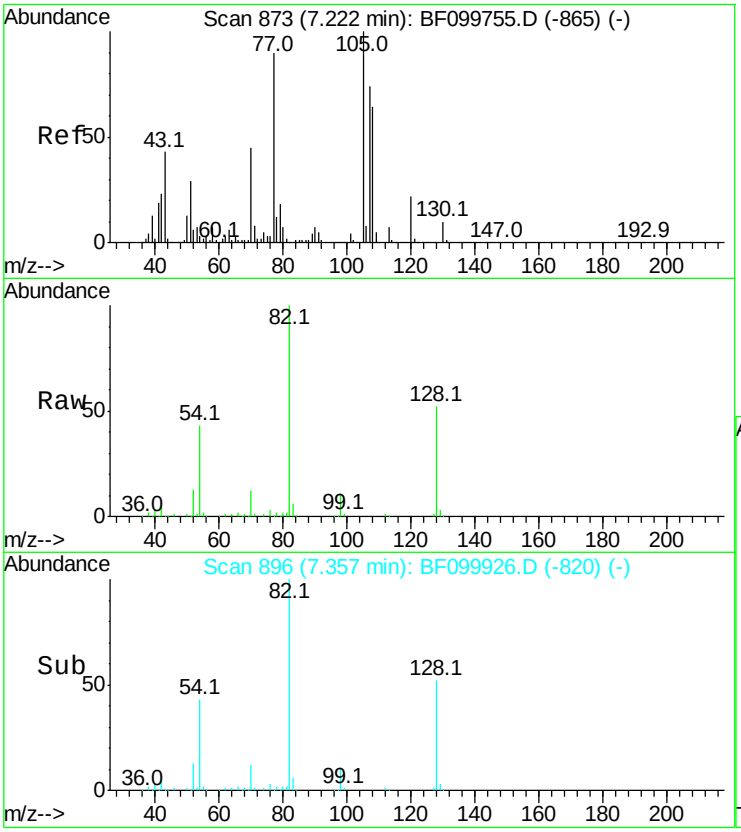


#10
Phenol
Concen: 3.453 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.02 min
Lab File: BF099926.D
Acq: 28 Oct 2017 19:22

Tgt Ion: 94 Resp: 29379

Ion	Ratio	Lower	Upper
94	100		
65	26.8	7.9	47.9
66	52.5	16.2	56.2



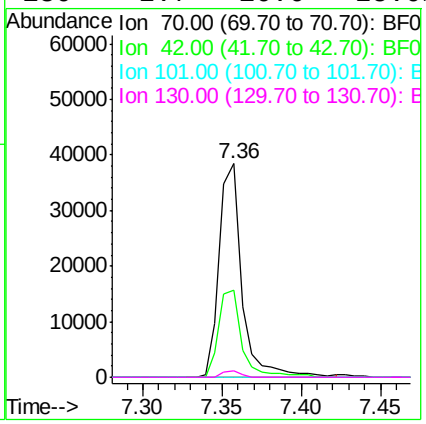


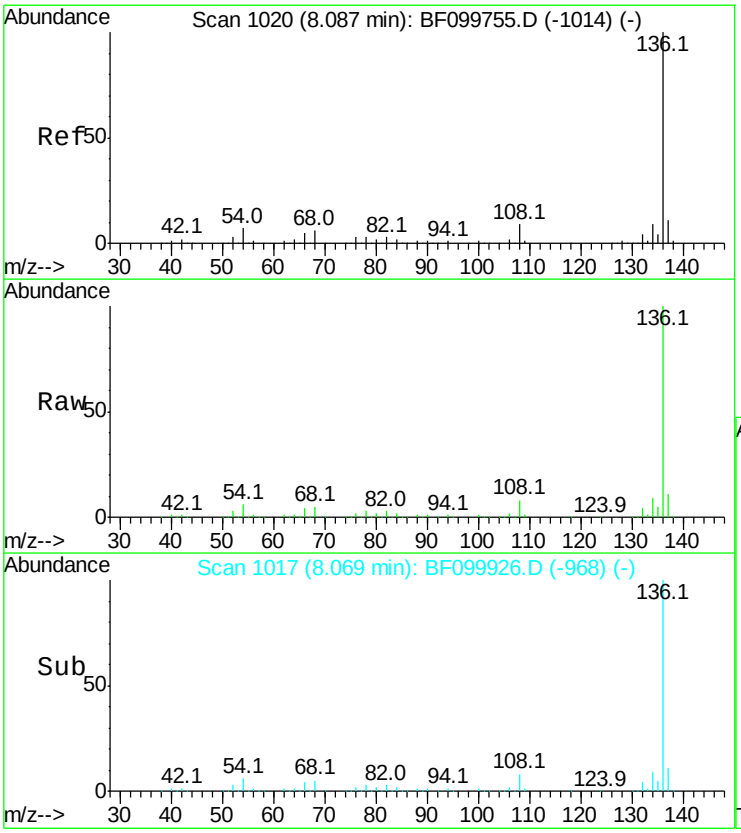
#19
n-Nitroso-di-n-propylamine
Concen: 8.454 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF099926.D
Acq: 28 Oct 2017 19:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 38395

Ion	Ratio	Lower	Upper
70	100		
42	40.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.7	16.6	25.0#

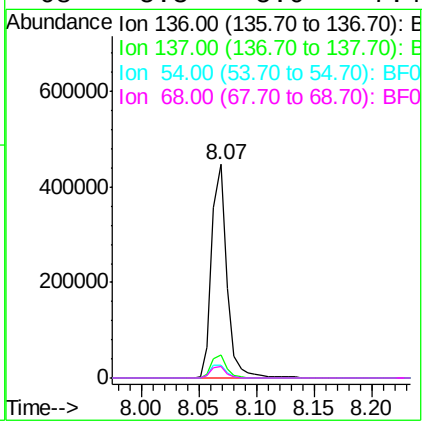


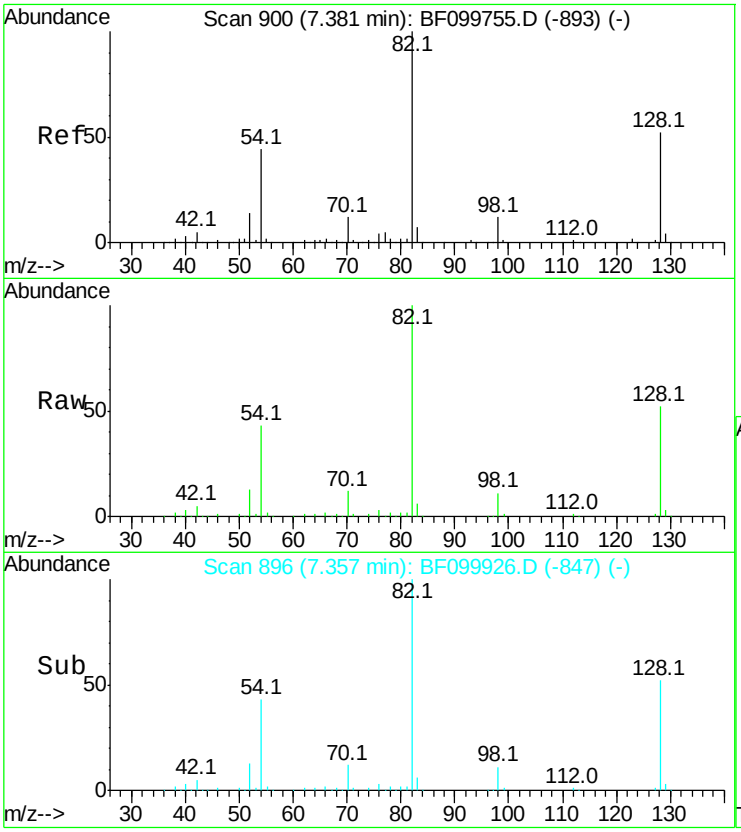


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099926.D
Acq: 28 Oct 2017 19:22

Tgt Ion:136 Resp: 410373

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	5.9	6.6	9.8#
68	5.3	5.0	7.4



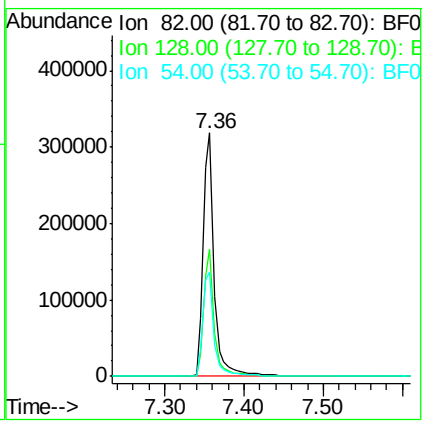


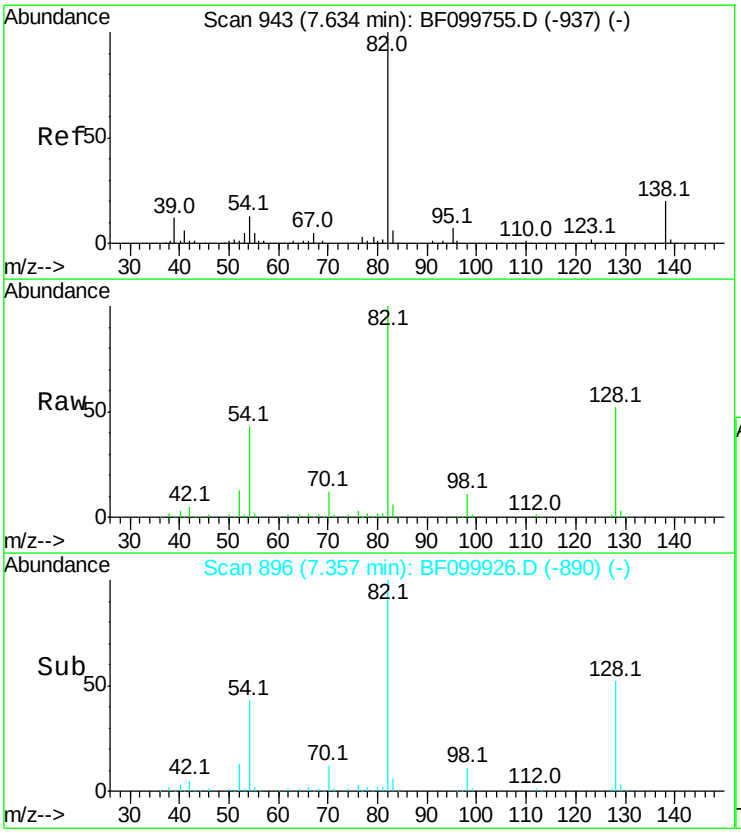
#23
Nitrobenzene-d5
Concen: 49.268 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099926.D
Acq: 28 Oct 2017 19:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 314043

Ion	Ratio	Lower	Upper
82	100		
128	52.0	36.1	54.1
54	42.8	41.4	62.2

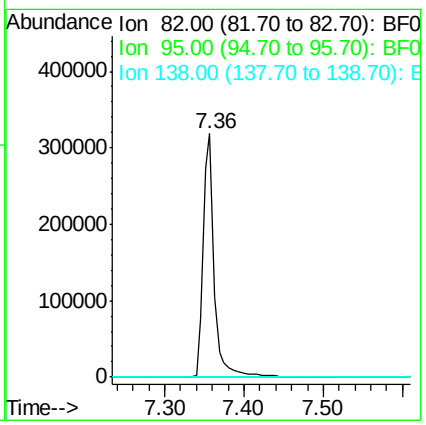


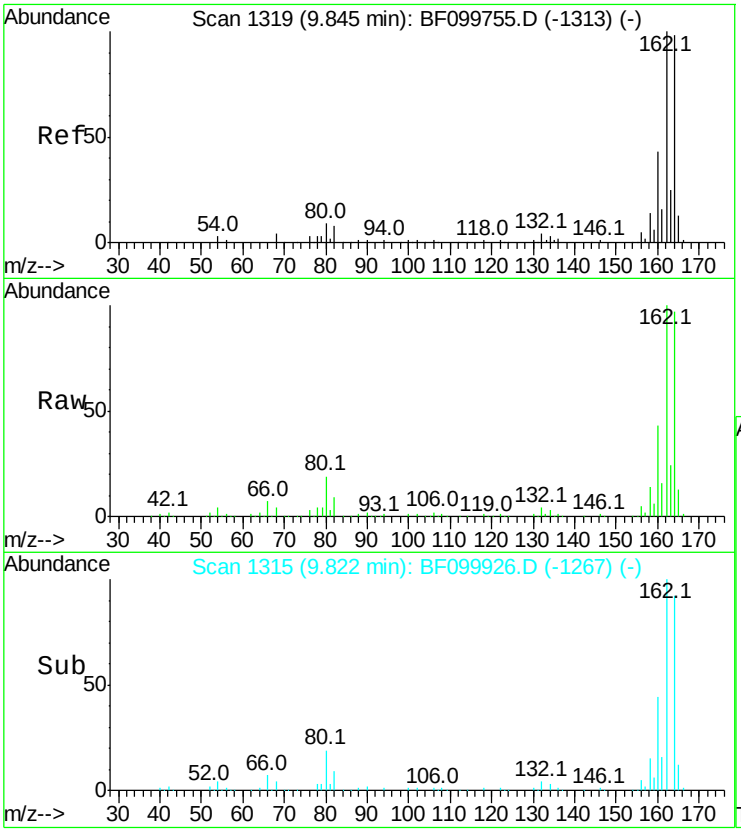


#25
Isophorone
Concen: 27.151 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF099926.D
Acq: 28 Oct 2017 19:22

Tgt Ion: 82 Resp: 314043

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



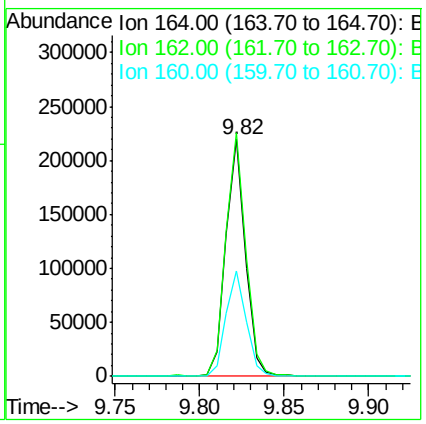


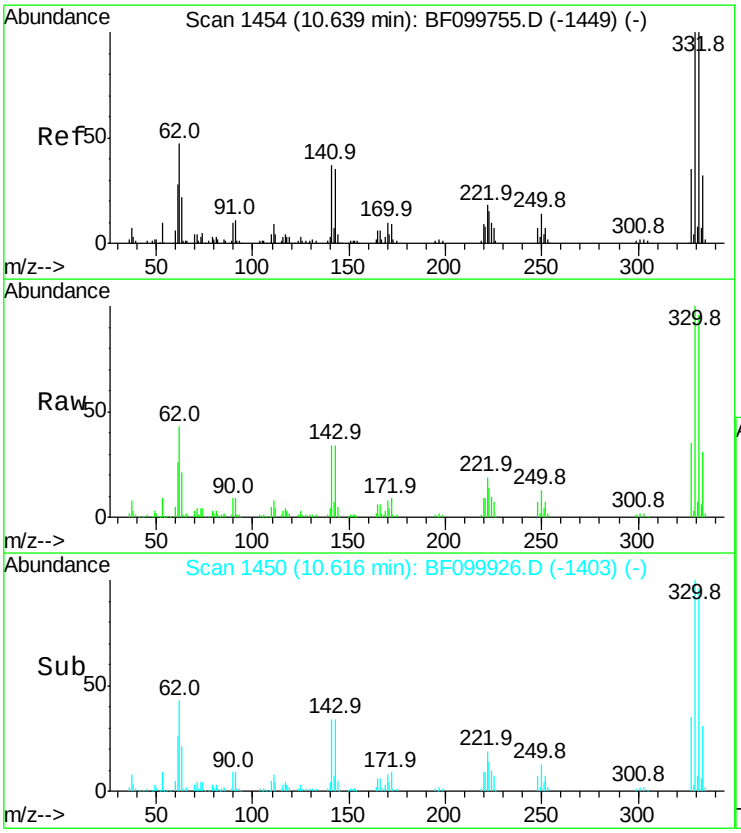
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF099926.D
Acq: 28 Oct 2017 19:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 176939

Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	44.6	38.3	57.5

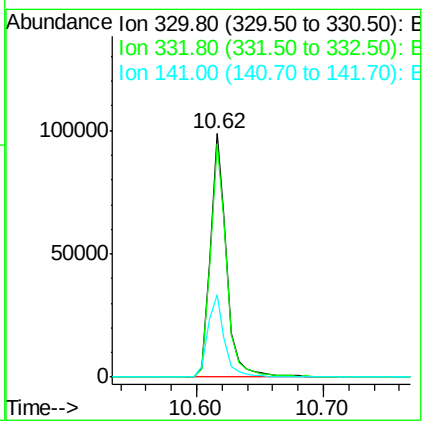


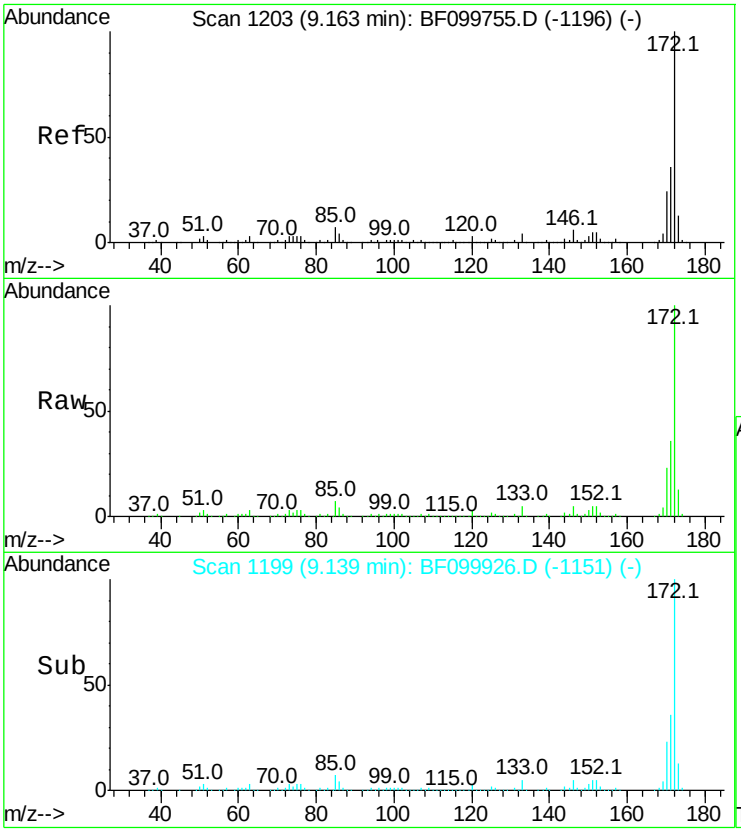


#41
2,4,6-Tribromophenol
Concen: 54.992 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.02 min
Lab File: BF099926.D
Acq: 28 Oct 2017 19:22

Tgt Ion:330 Resp: 88674

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	34.5	29.9	44.9



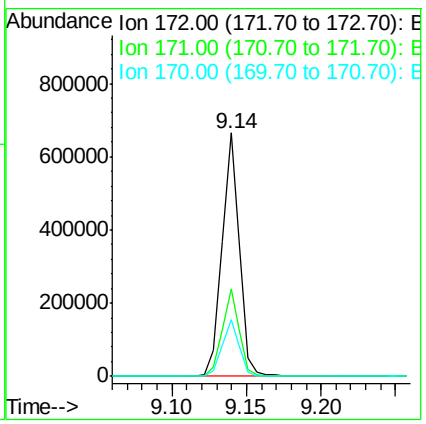


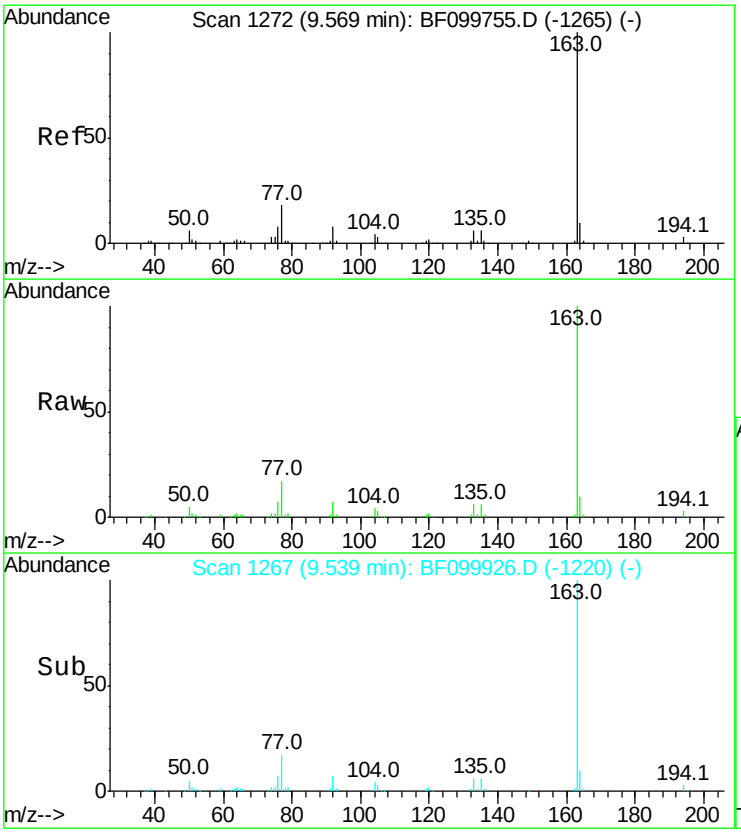
#44
2-Fluorobiphenyl
Concen: 48.210 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.02 min
Lab File: BF099926.D
Acq: 28 Oct 2017 19:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 552888

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.2	19.6	29.4

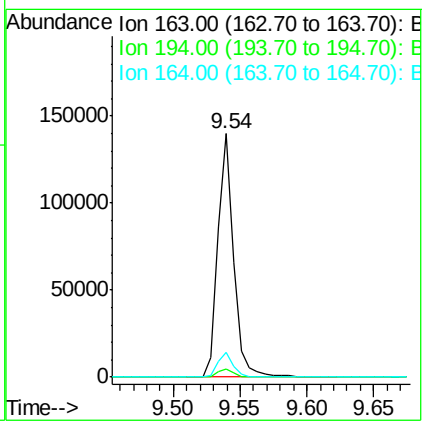


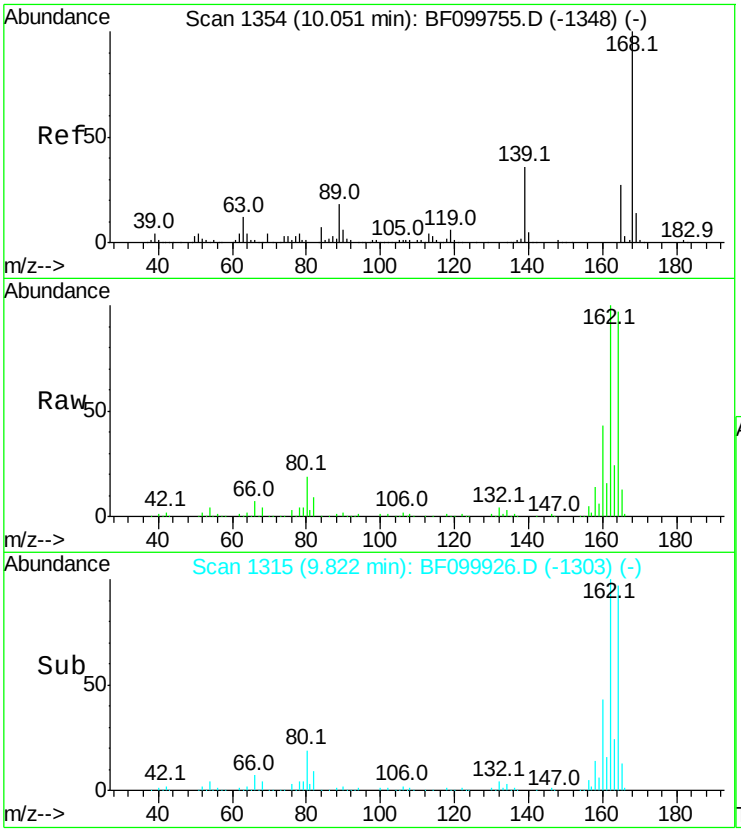


#49
Dimethylphthalate
Concen: 8.373 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF099926.D
Acq: 28 Oct 2017 19:22

Tgt Ion:163 Resp: 117324

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.1	8.2	12.2



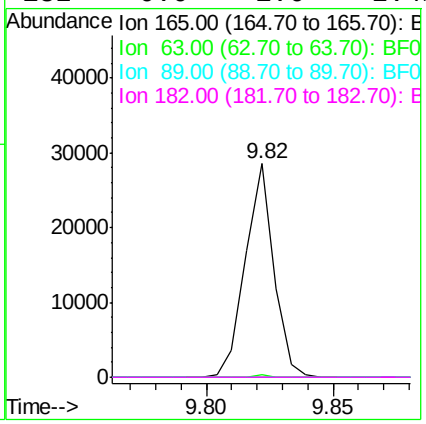


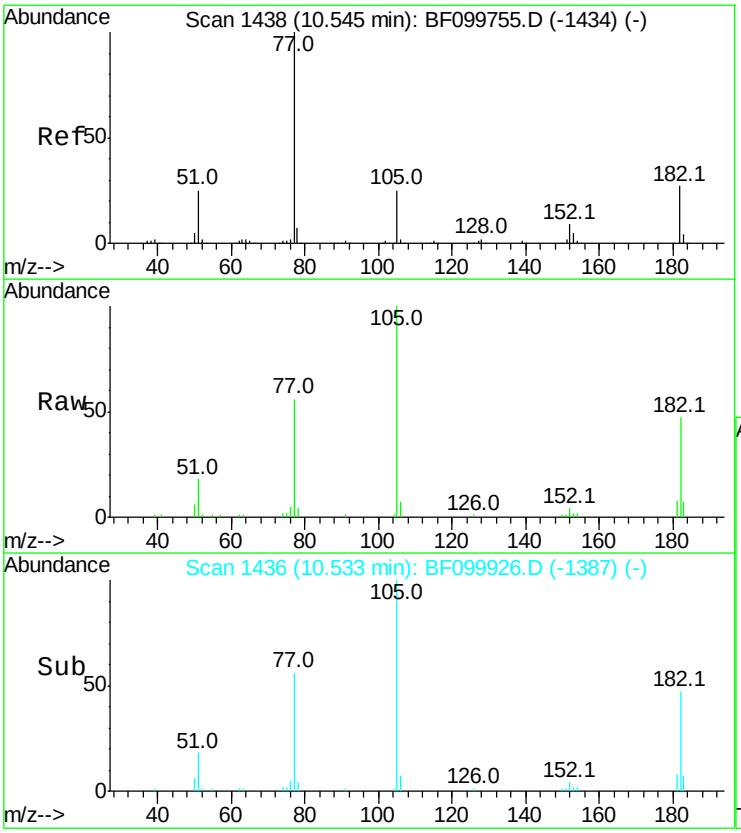
#56
2,4-Dinitrotoluene
Concen: 6.320 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.23 min
Lab File: BF099926.D
Acq: 28 Oct 2017 19:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 22420

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

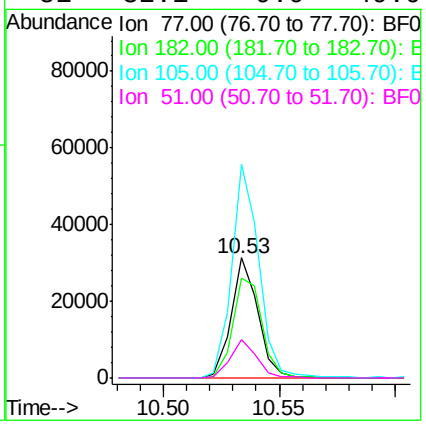


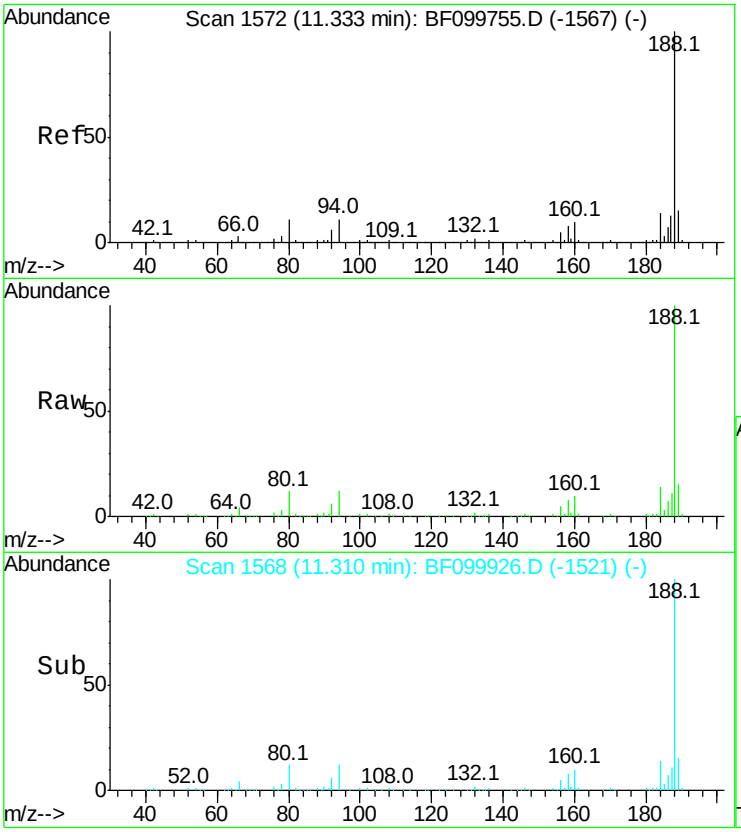


#62
Azobenzene
Concen: 2.204 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF099926.D
Acq: 28 Oct 2017 19:22

Tgt Ion: 77 Resp: 25277

Ion	Ratio	Lower	Upper
77	100		
182	83.0	1.7	41.7#
105	178.1	3.0	43.0#
51	32.1	9.9	49.9



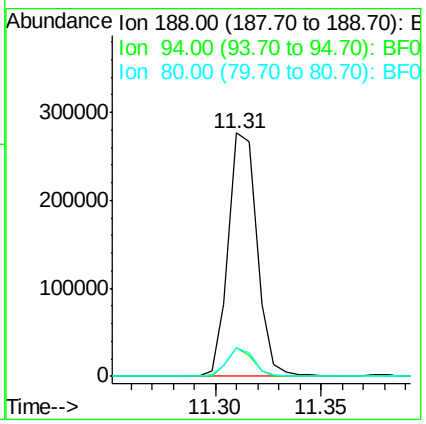


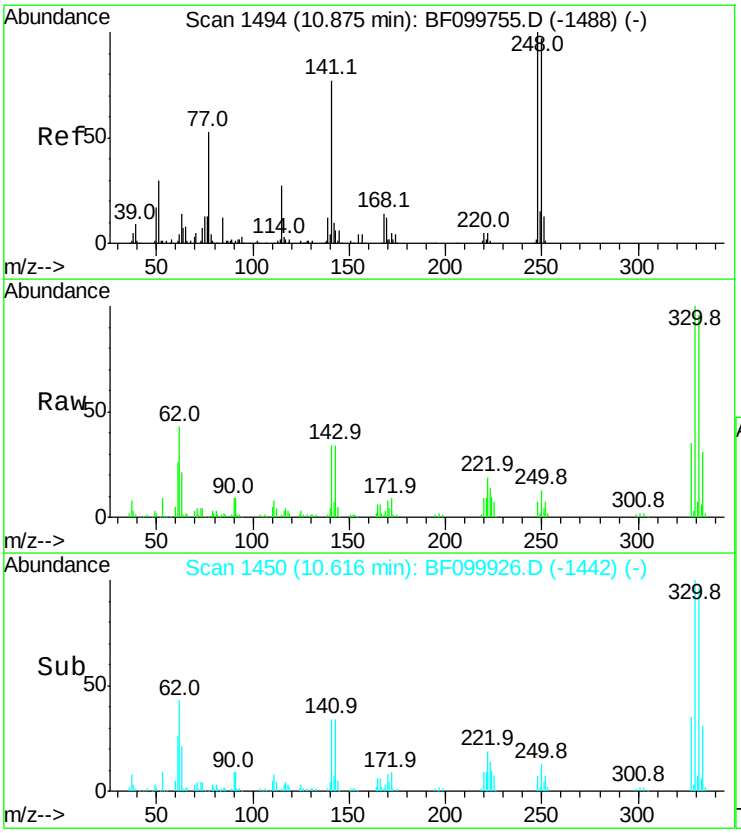
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF099926.D
Acq: 28 Oct 2017 19:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 260131

Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	11.7	9.2	13.8

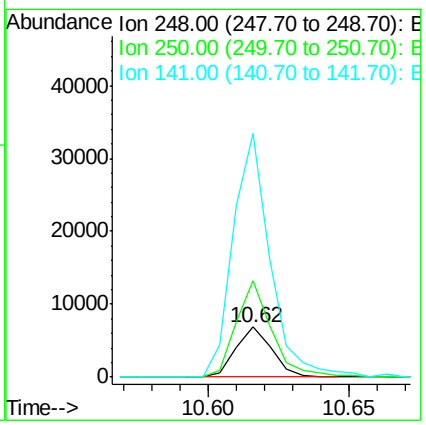


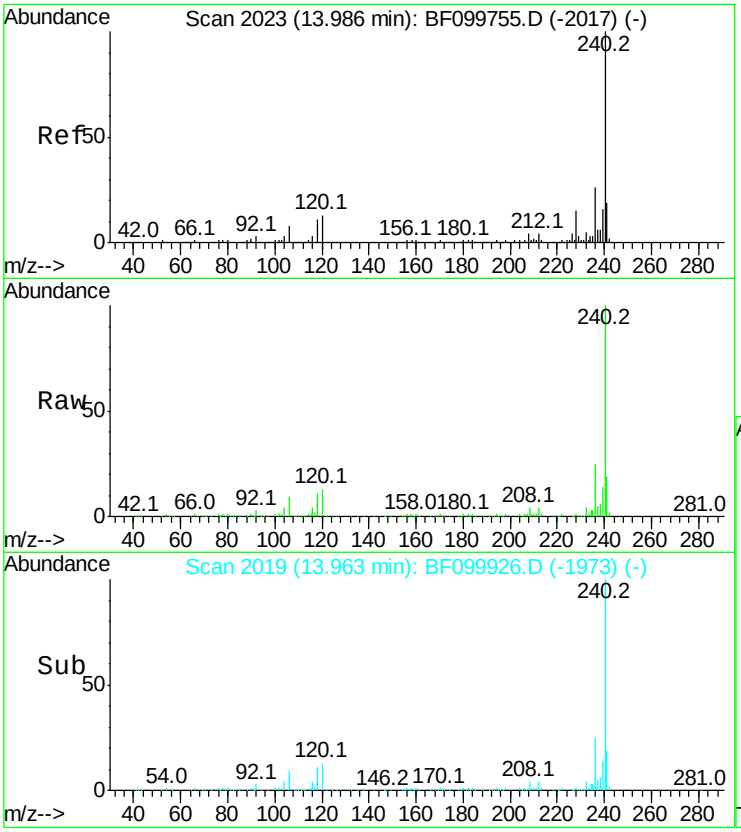


#66
4-Bromophenyl-phenylether
Concen: 2.217 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF099926.D
Acq: 28 Oct 2017 19:22

Tgt Ion:248 Resp: 6071

Ion	Ratio	Lower	Upper
248	100		
250	191.0	76.9	115.3#
141	484.9	74.4	111.6#



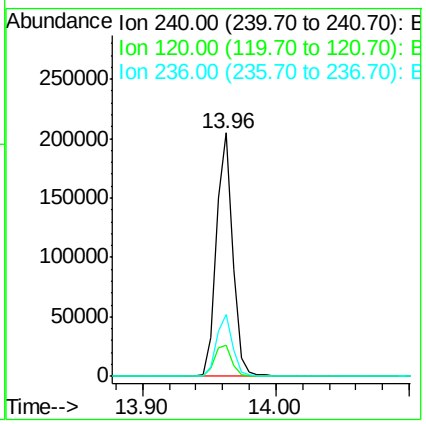


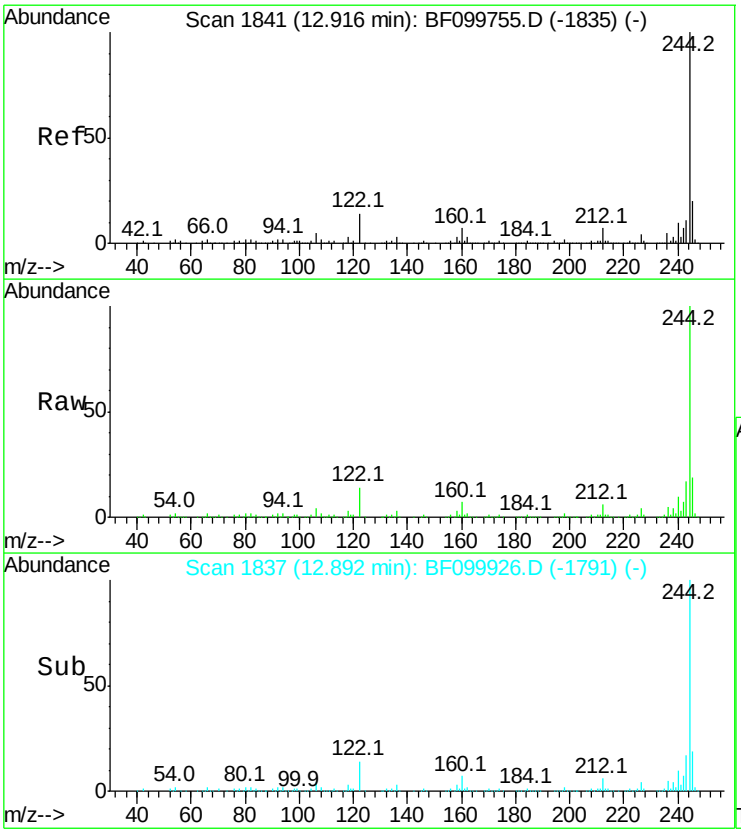
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.03 min
Lab File: BF099926.D
Acq: 28 Oct 2017 19:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 177331

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	25.3	20.7	31.1

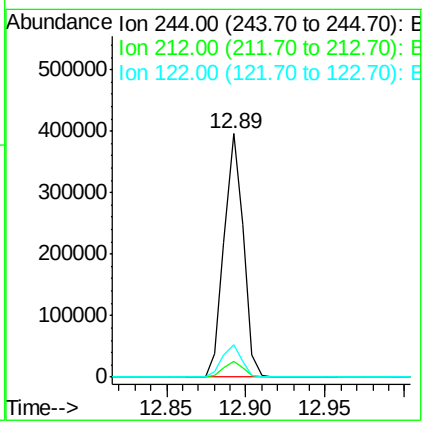


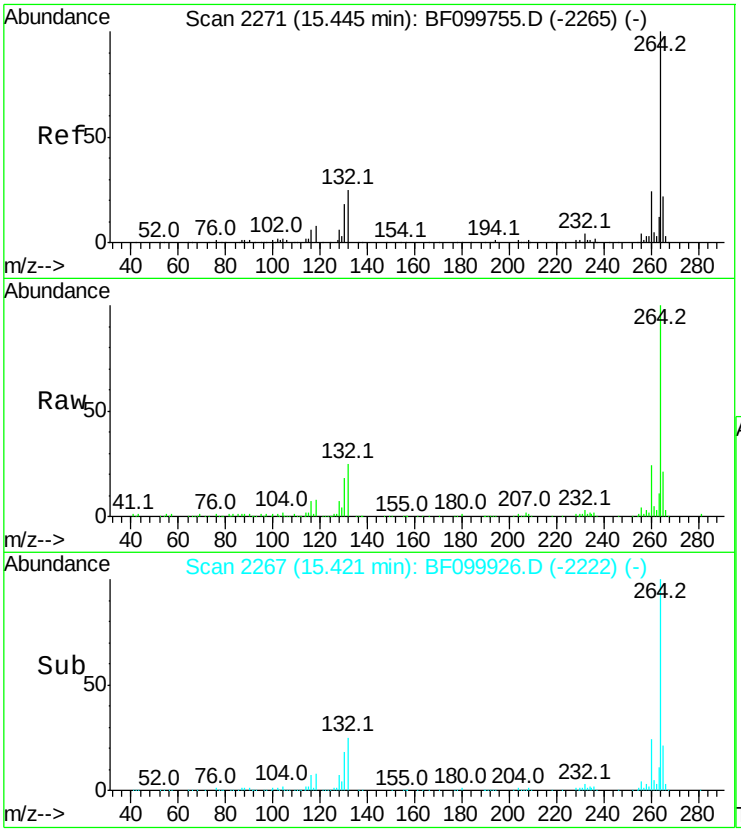


#78
Terphenyl-d14
Concen: 41.145 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.03 min
Lab File: BF099926.D
Acq: 28 Oct 2017 19:22

Tgt Ion:244 Resp: 333869

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	13.5	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.04 min
Lab File: BF099926.D
Acq: 28 Oct 2017 19:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 194586

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.1	17.5	26.3