Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
Data File : BF099969.D
Acq On : 30 Oct 2017 19:29
Operator : SJ/JU
Sample : I6182-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 31 02:28:41 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	98087	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	397901	20.00	ng		-0.01
38) Acenaphthene-d10	9.83	164	168557	20.00	ng		-0.01
63) Phenanthrene-d10	11.32	188	262750	20.00	ng		-0.01
75) Chrysene-d12	13.98	240	181977	20.00	ng		-0.01
86) Perylene-d12	15.46	264	162303	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	508421	81.38	ng		0.00
7) Phenol-d6	6.43	99	635673	85.81	ng		0.00
23) Nitrobenzene-d5	7.36	82	364338	58.95	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	109847	71.51	ng		-0.02
44) 2-Fluorobiphenyl	9.15	172	712323	65.20	ng		-0.01
78) Terphenyl-d14	12.90	244	497975	59.80	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.56	77	9287	2.098	ng		92
10) Phenol	6.45	94	48163	5.921	ng		95
19) n-Nitroso-di-n-propylamine	7.36	70	44725	10.302	ng	#	72
25) Isophorone	7.36	82	364338	32.487	ng	#	64
49) Dimethylphthalate	9.54	163	165967	12.434	ng		99
56) 2,4-Dinitrotoluene	9.83	165	21057	6.231	ng	#	21
62) Azobenzene	10.54	77	27421	2.509	ng	#	1
66) 4-Bromophenyl-phenylether	10.62	248	6780	2.451	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
Data File : BF099969.D
Acq On : 30 Oct 2017 19:29
Operator : SJ/JU
Sample : I6182-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 31 02:28:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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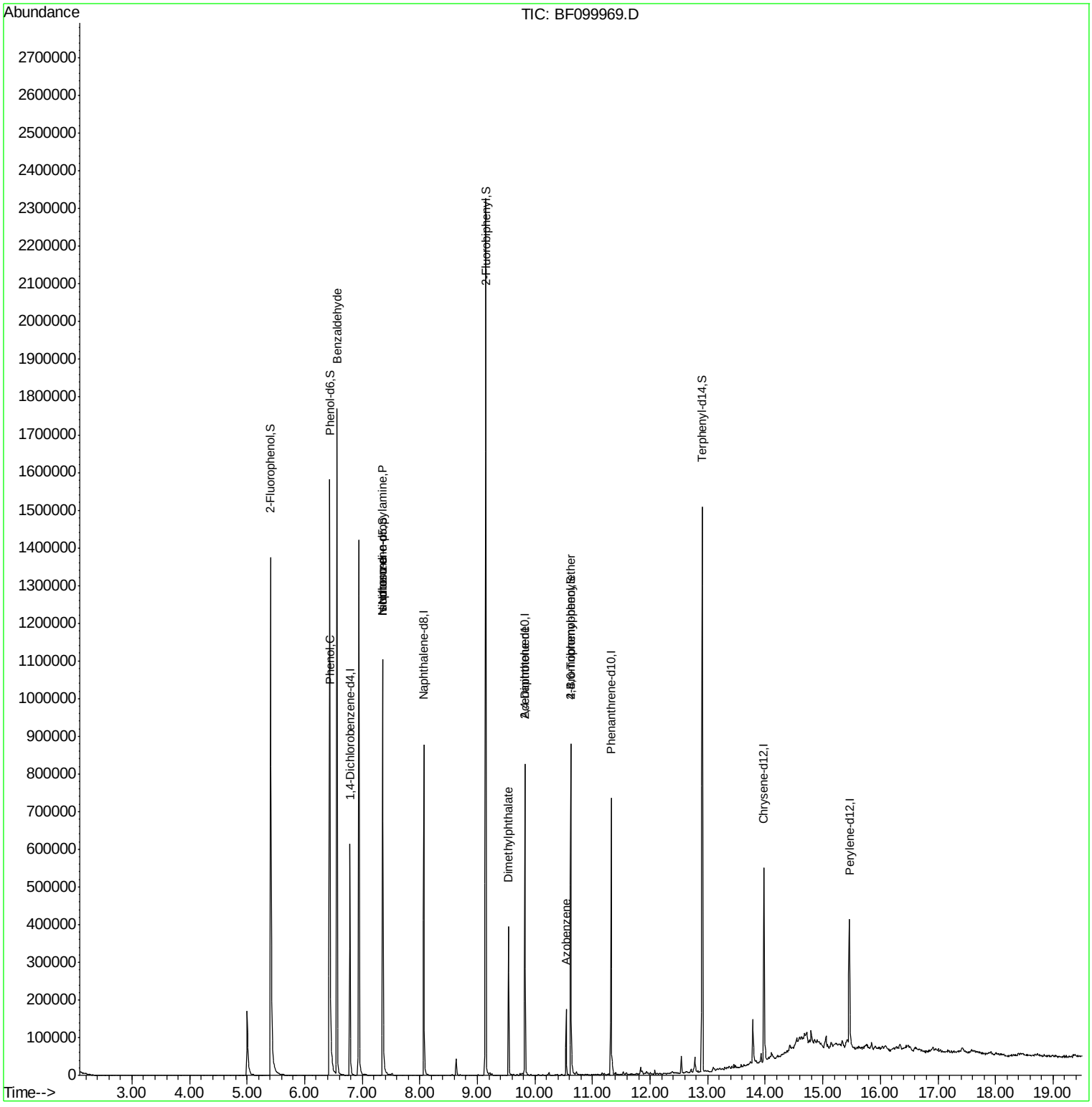
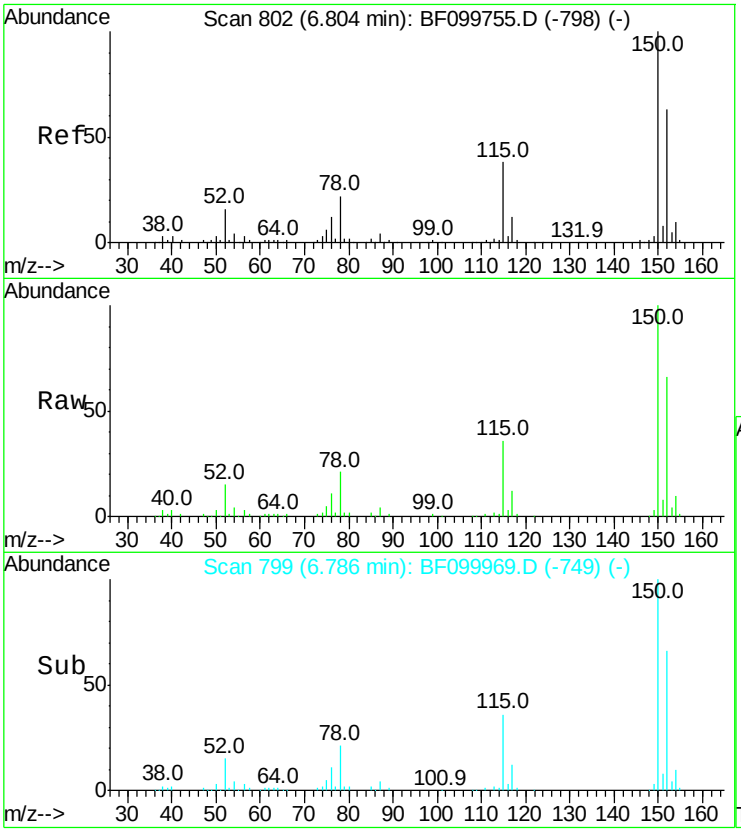


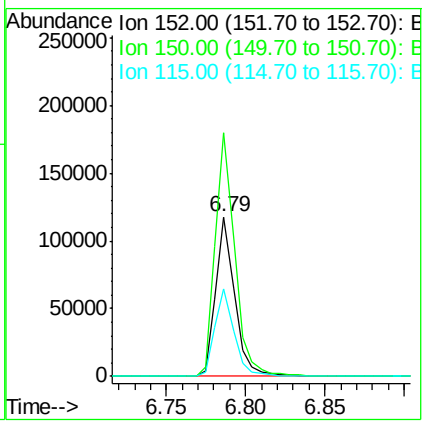


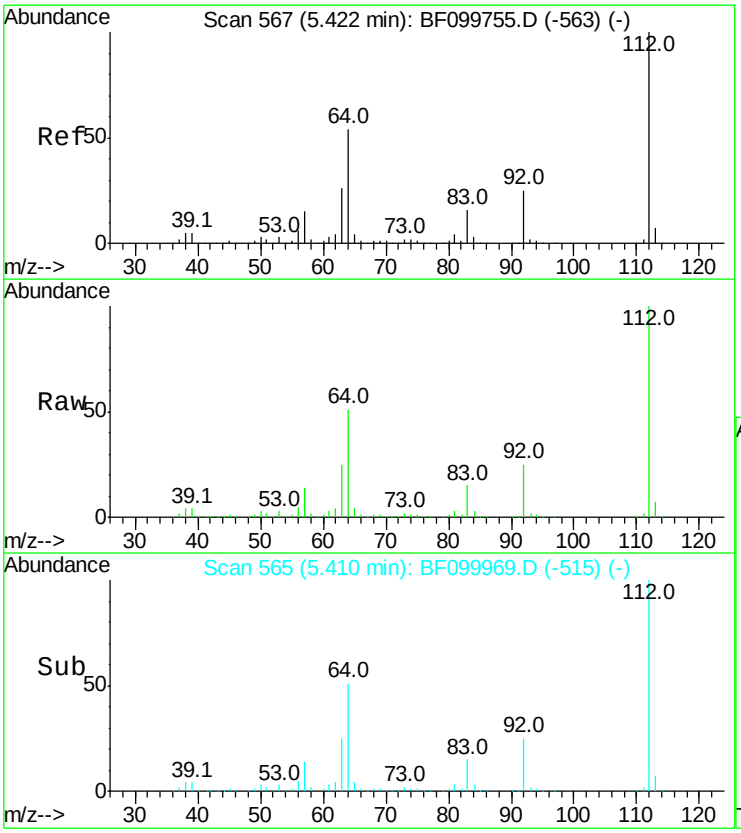
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099969.D
Acq: 30 Oct 2017 19:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 98087

Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.6	186.8
115	55.0	50.1	75.1

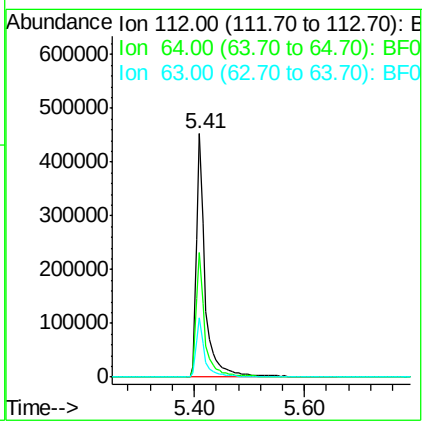


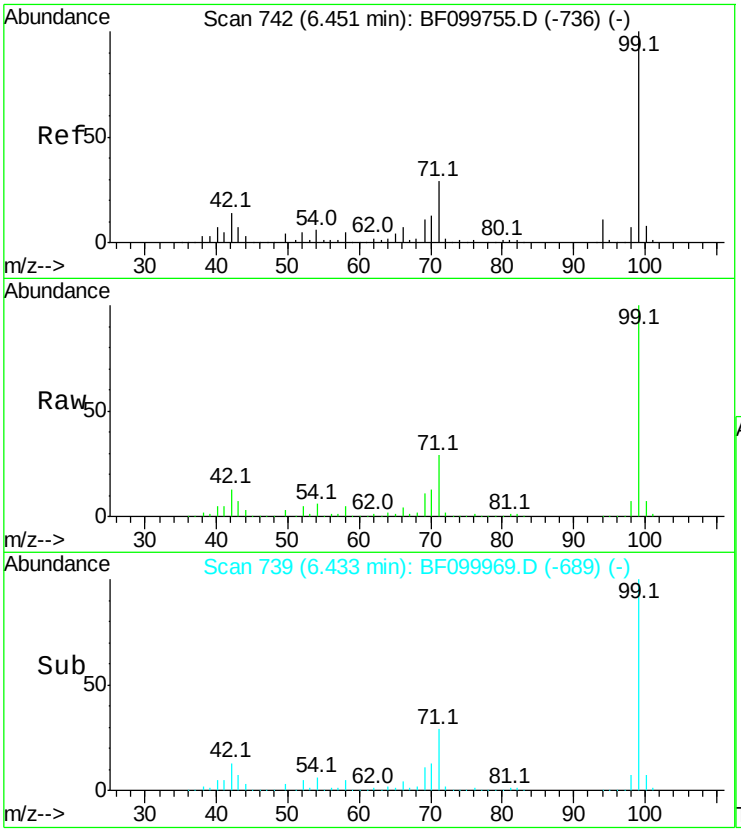


#5
2-Fluorophenol
Concen: 81.377 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF099969.D
Acq: 30 Oct 2017 19:29

Tgt Ion:112 Resp: 508421

Ion	Ratio	Lower	Upper
112	100		
64	51.3	47.9	71.9
63	24.6	23.7	35.5



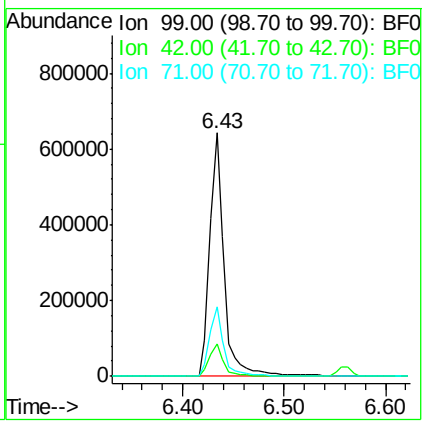


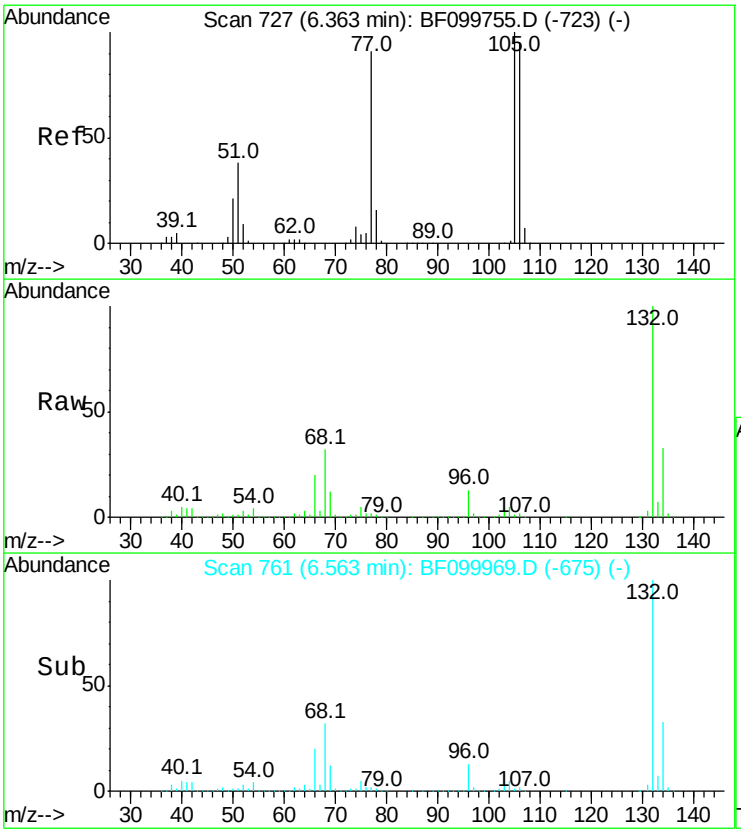
#7
Phenol-d6
Concen: 85.809 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF099969.D
Acq: 30 Oct 2017 19:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 635673

Ion	Ratio	Lower	Upper
99	100		
42	13.5	14.5	21.7#
71	28.8	25.4	38.0

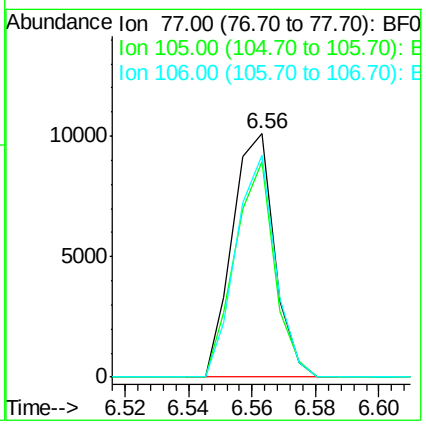


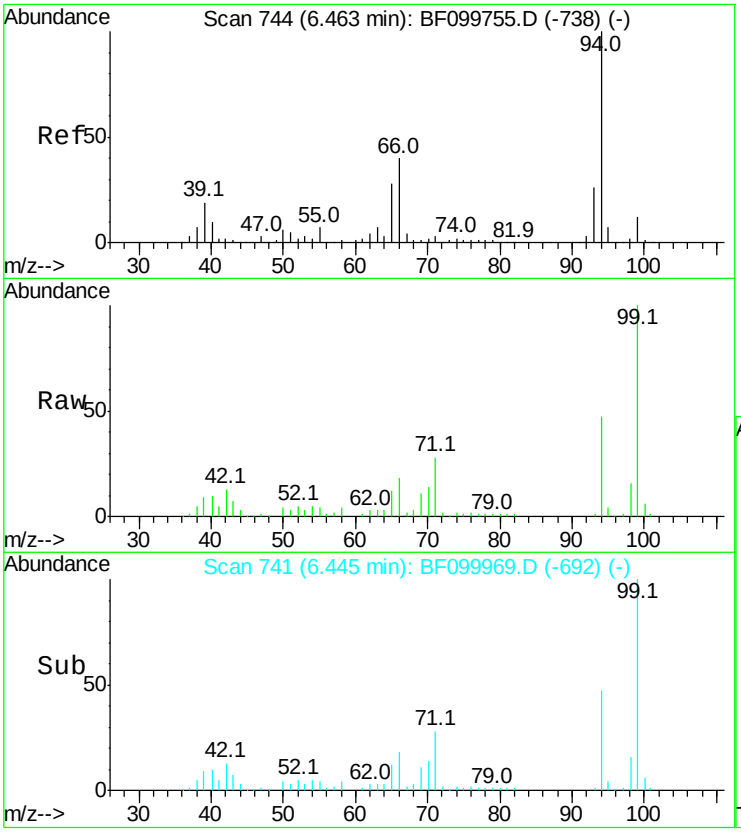


#9
Benzaldehyde
Concen: 2.098 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.21 min
Lab File: BF099969.D
Acq: 30 Oct 2017 19:29

Tgt Ion: 77 Resp: 9287

Ion	Ratio	Lower	Upper
77	100		
105	88.3	81.1	121.1
106	91.3	74.5	114.5



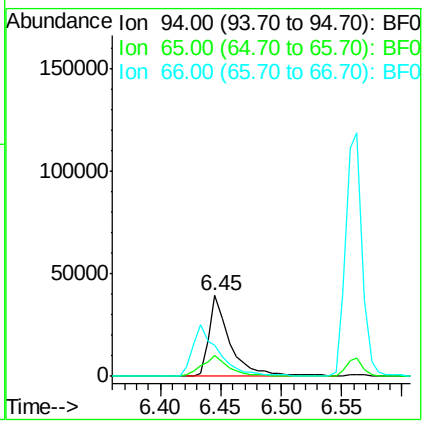


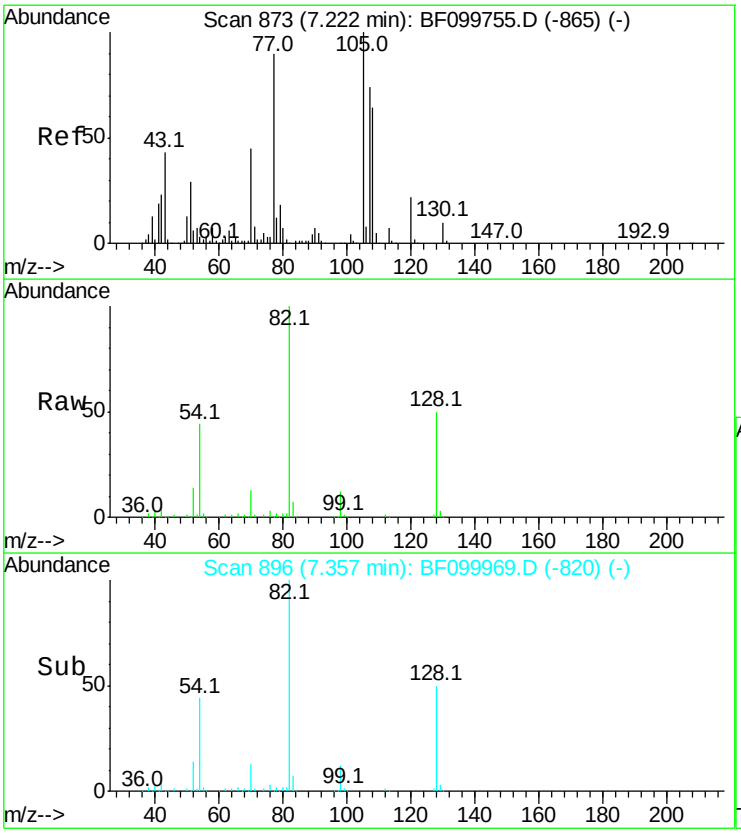
#10
Phenol
Concen: 5.921 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF099969.D
Acq: 30 Oct 2017 19:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 48163

Ion	Ratio	Lower	Upper
94	100		
65	25.3	7.9	47.9
66	38.8	16.2	56.2

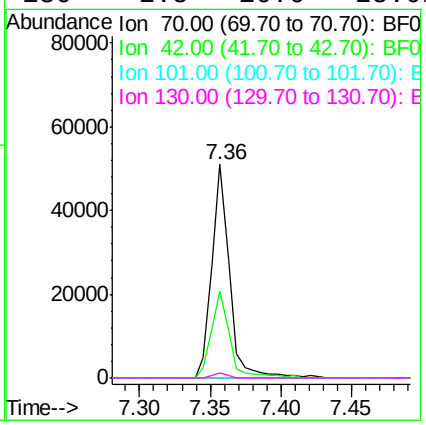


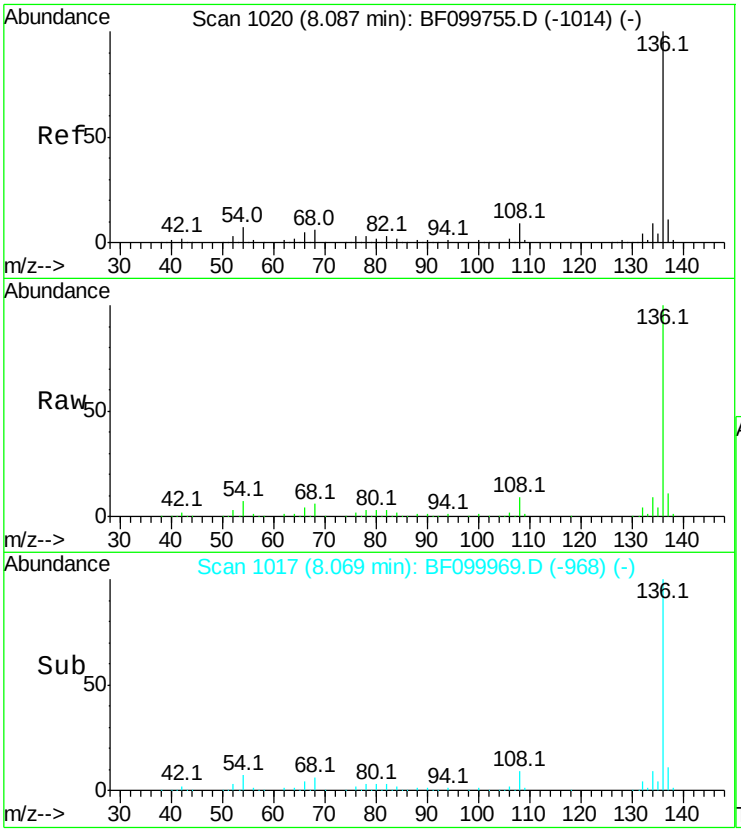


#19
n-Nitroso-di-n-propylamine
Concen: 10.302 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF099969.D
Acq: 30 Oct 2017 19:29

Tgt Ion: 70 Resp: 44725

Ion	Ratio	Lower	Upper
70	100		
42	40.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



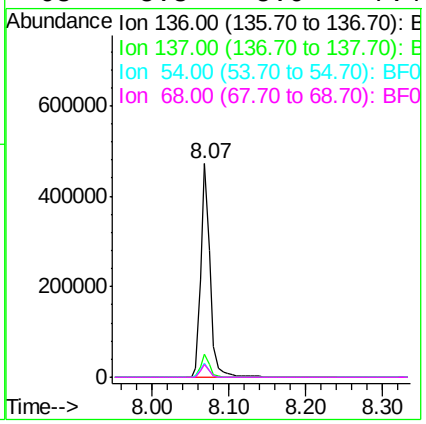


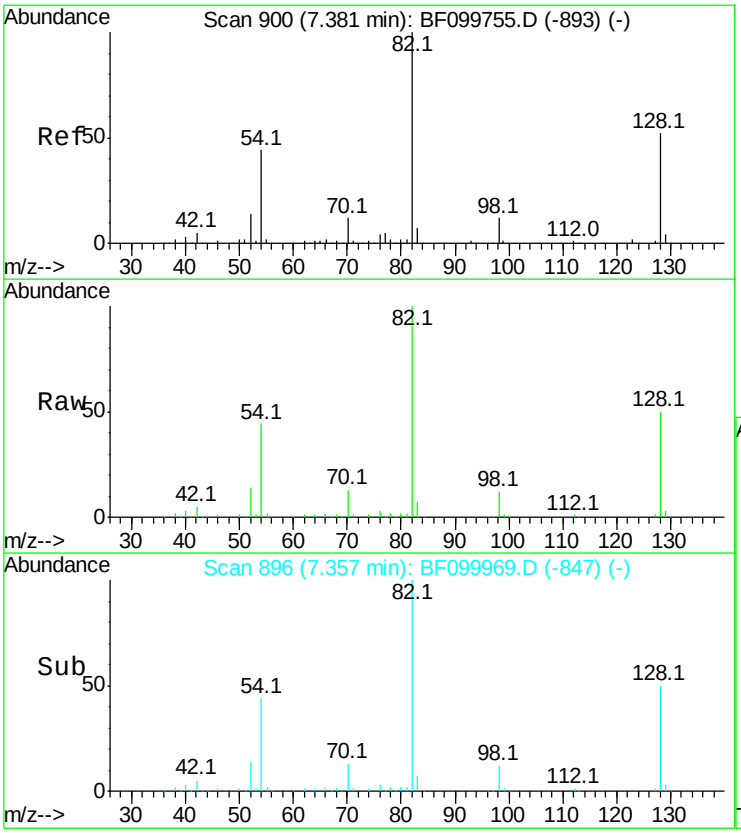
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099969.D
Acq: 30 Oct 2017 19:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 397901

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.6	6.6	9.8#
68	5.8	5.0	7.4

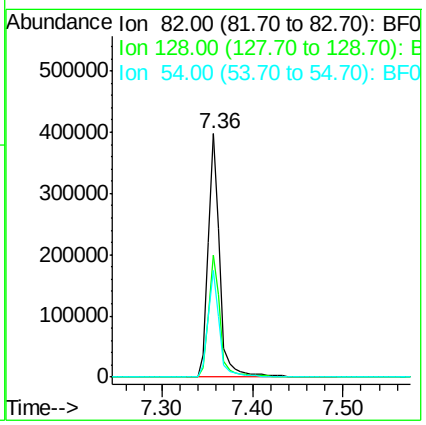


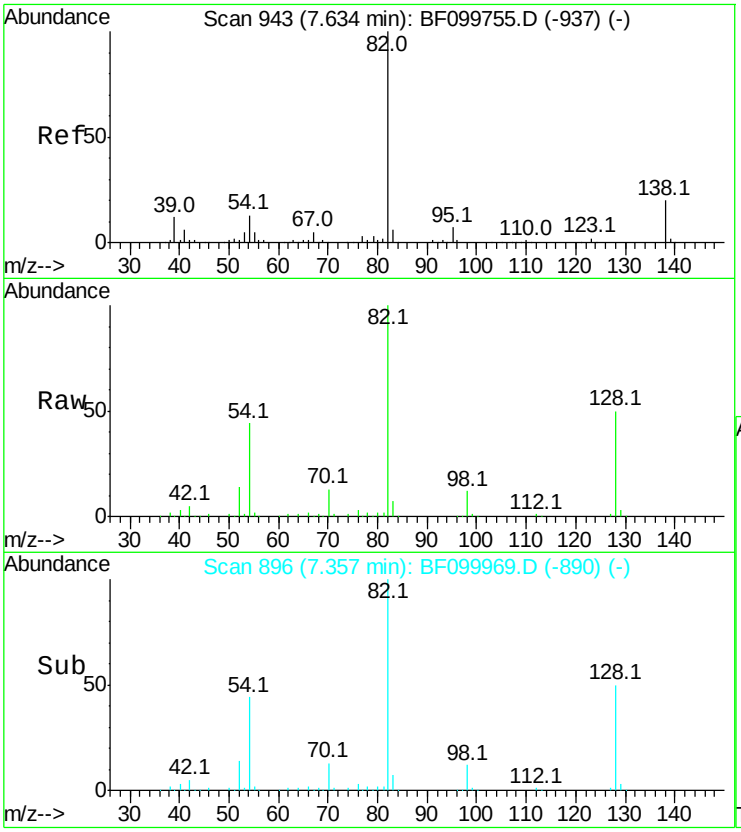


#23
Nitrobenzene-d5
Concen: 58.950 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099969.D
Acq: 30 Oct 2017 19:29

Tgt Ion: 82 Resp: 364338

Ion	Ratio	Lower	Upper
82	100		
128	50.2	36.1	54.1
54	43.8	41.4	62.2



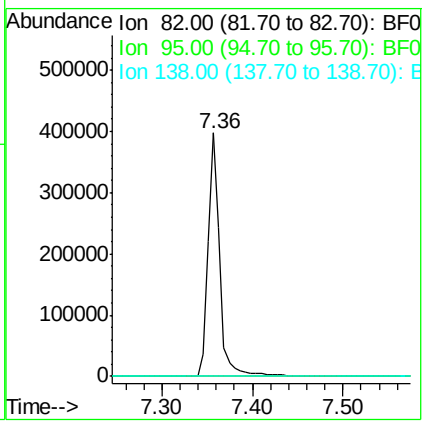


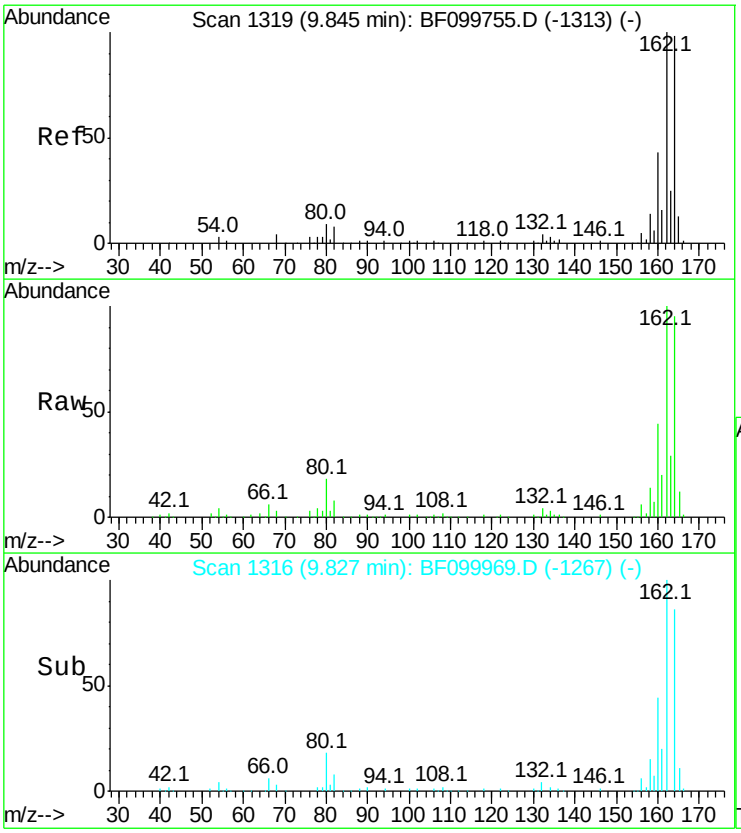
#25
Isophorone
Concen: 32.487 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF099969.D
Acq: 30 Oct 2017 19:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 364338

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

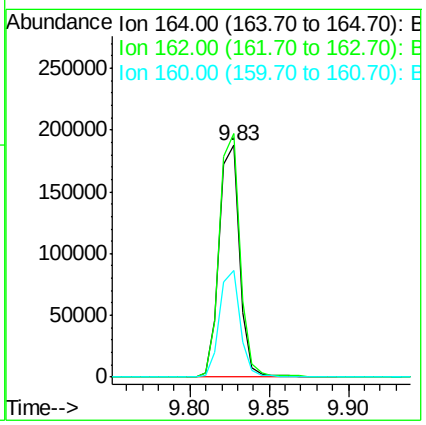


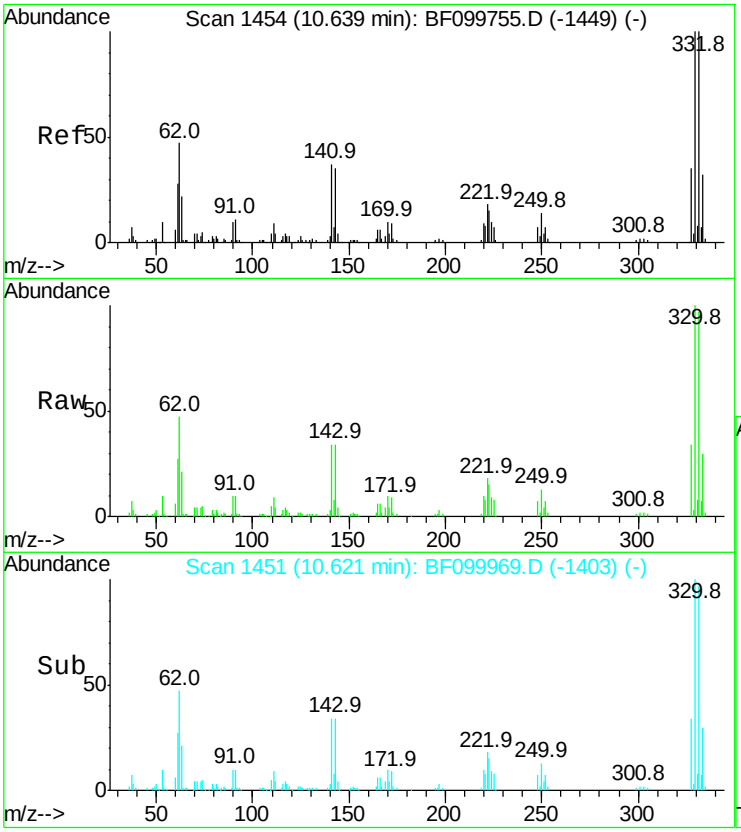


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF099969.D
Acq: 30 Oct 2017 19:29

Tgt Ion:164 Resp: 168557

Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	46.0	38.3	57.5



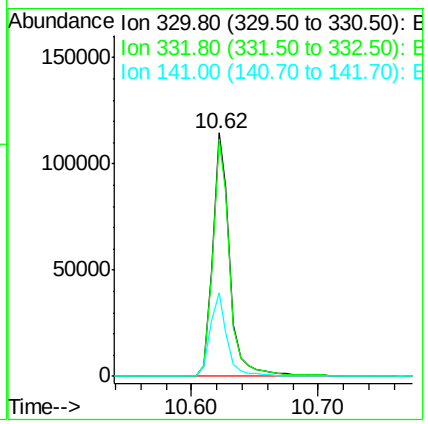


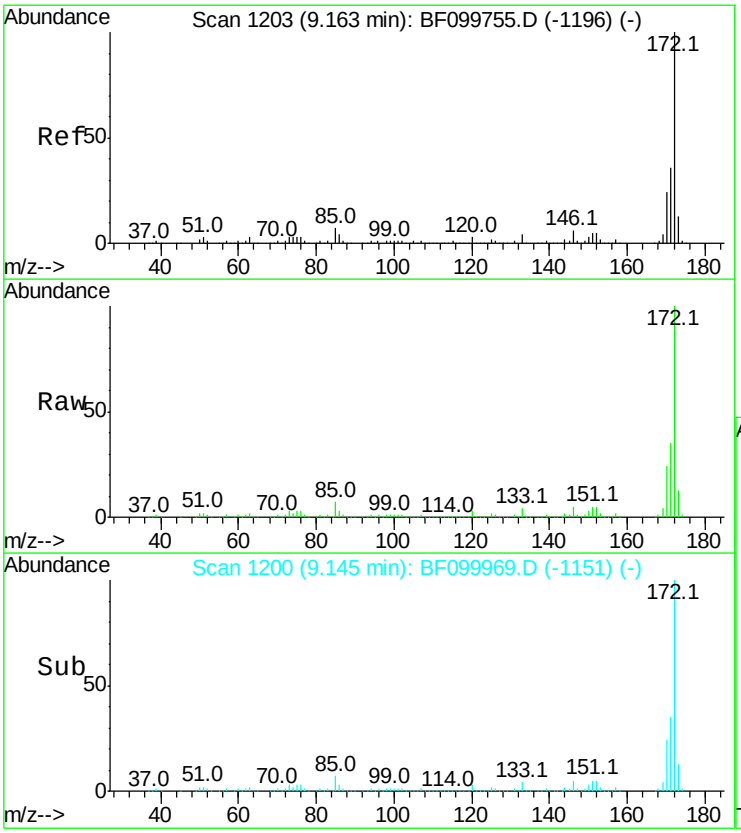
#41
2,4,6-Tribromophenol
Concen: 71.511 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.02 min
Lab File: BF099969.D
Acq: 30 Oct 2017 19:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 109847

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	34.0	29.9	44.9

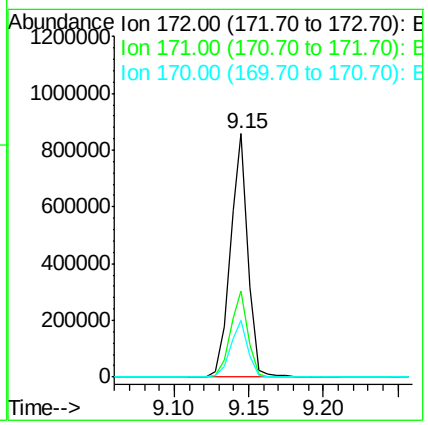


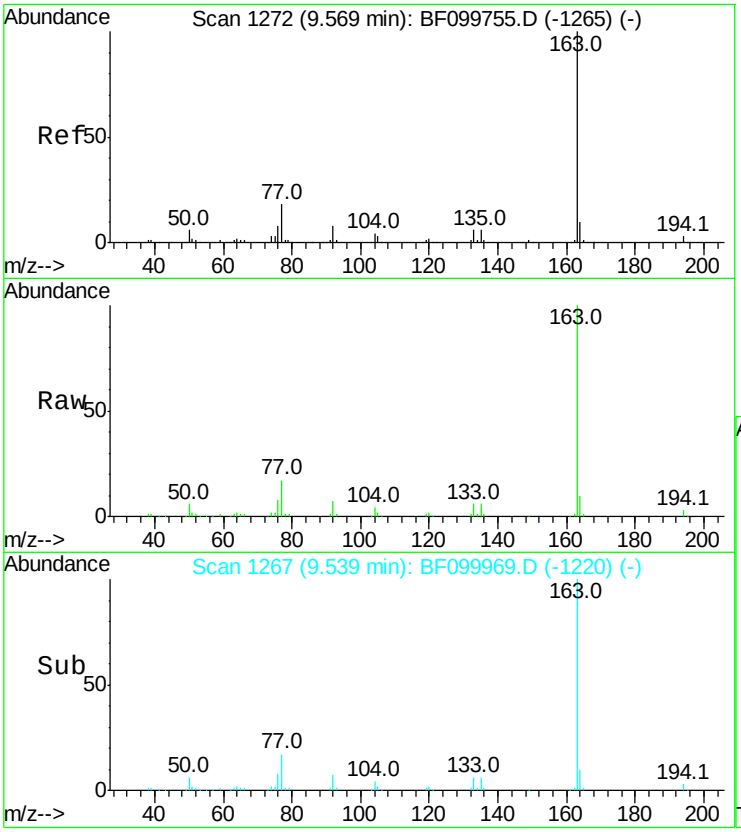


#44
2-Fluorobiphenyl
Concen: 65.200 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF099969.D
Acq: 30 Oct 2017 19:29

Tgt Ion:172 Resp: 712323

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.5	19.6	29.4



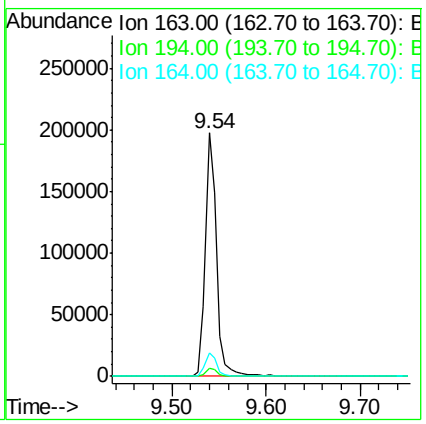


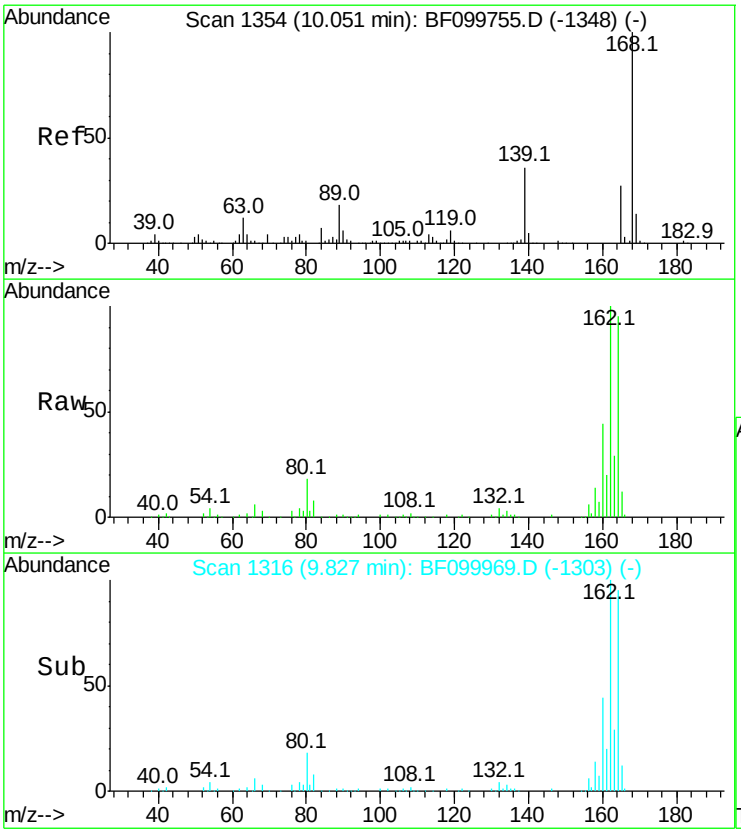
#49
Dimethylphthalate
Concen: 12.434 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF099969.D
Acq: 30 Oct 2017 19:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 165967

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.9	8.2	12.2

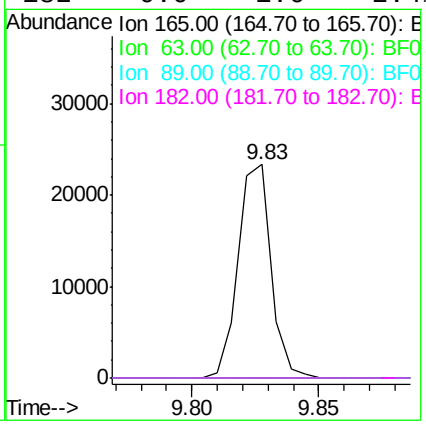


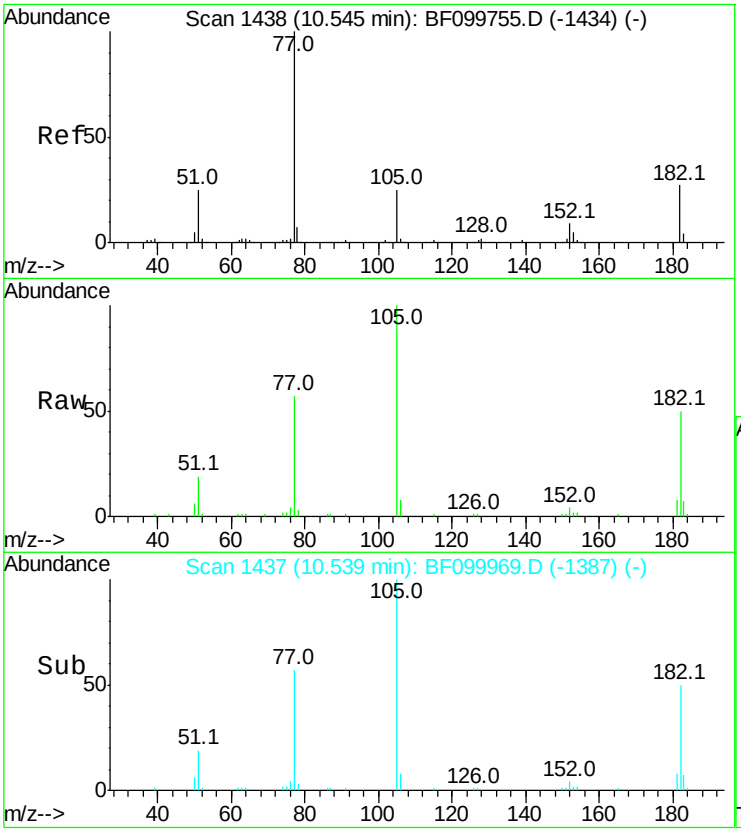


#56
2,4-Dinitrotoluene
Concen: 6.231 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.22 min
Lab File: BF099969.D
Acq: 30 Oct 2017 19:29

Tgt Ion:165 Resp: 21057

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#



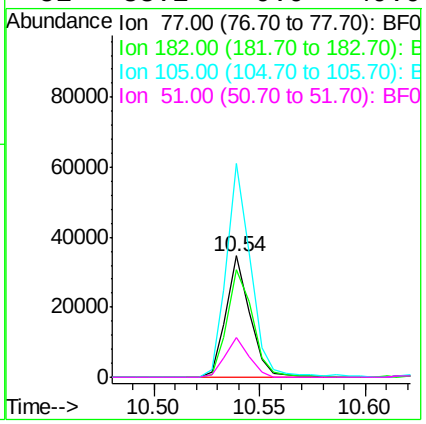


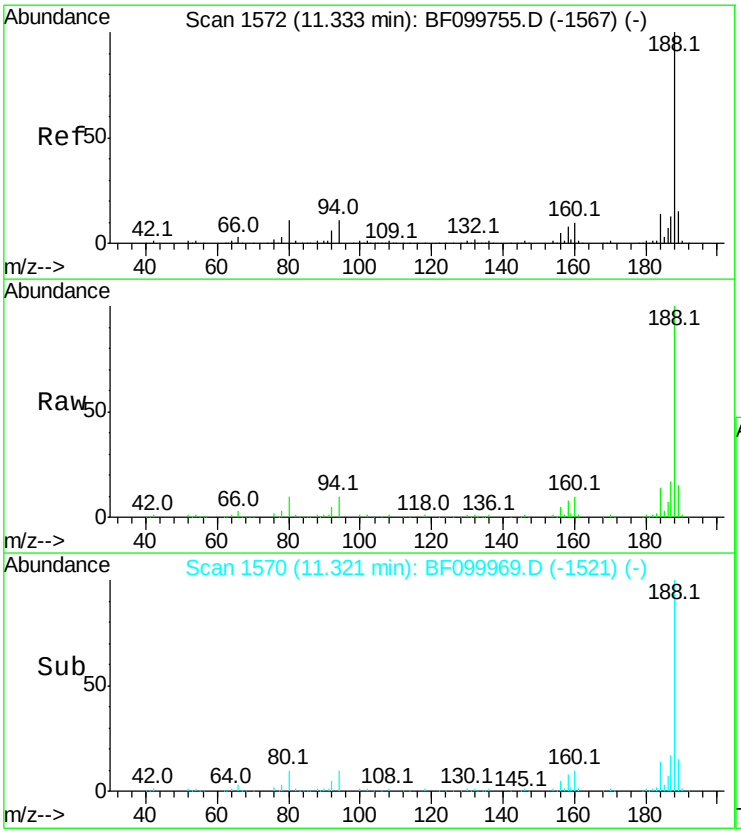
#62
Azobenzene
Concen: 2.509 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF099969.D
Acq: 30 Oct 2017 19:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 27421

Ion	Ratio	Lower	Upper
77	100		
182	88.9	1.7	41.7#
105	176.5	3.0	43.0#
51	33.1	9.9	49.9

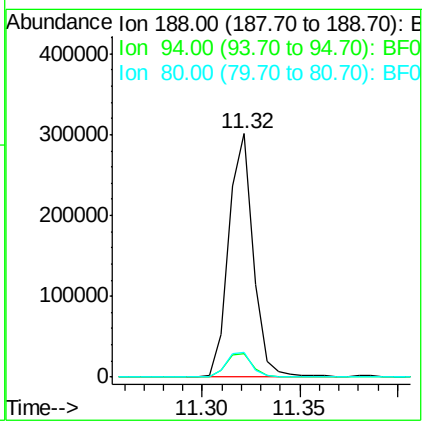


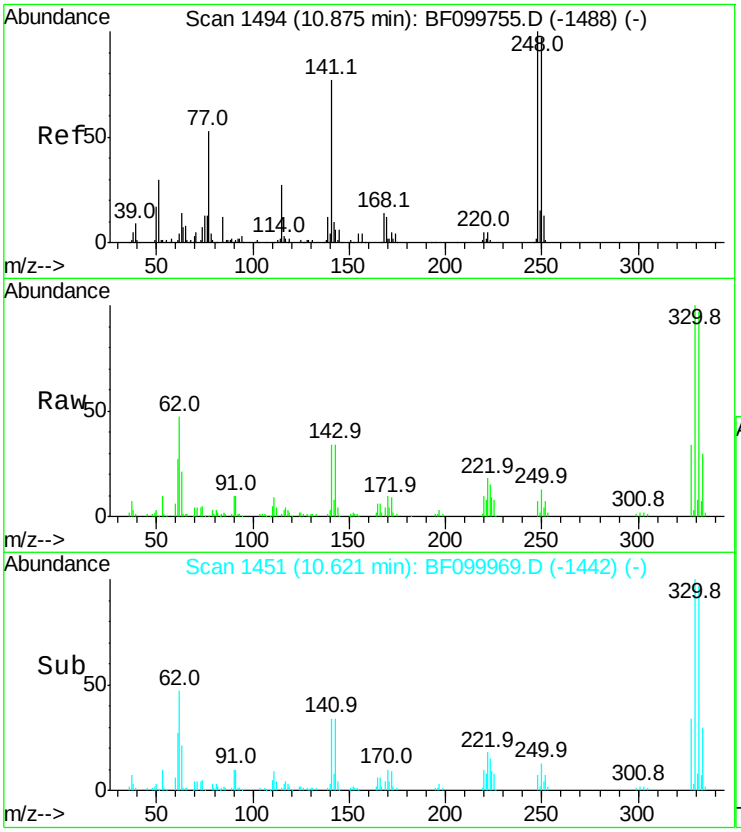


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF099969.D
Acq: 30 Oct 2017 19:29

Tgt Ion:188 Resp: 262750

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.3	9.2	13.8



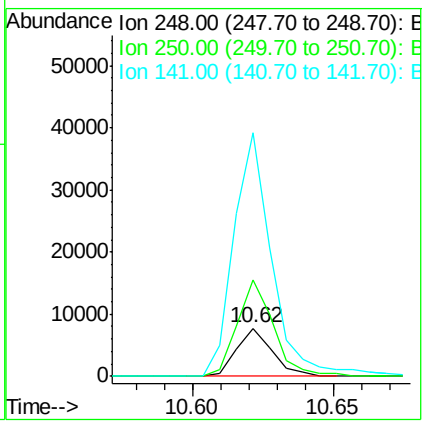


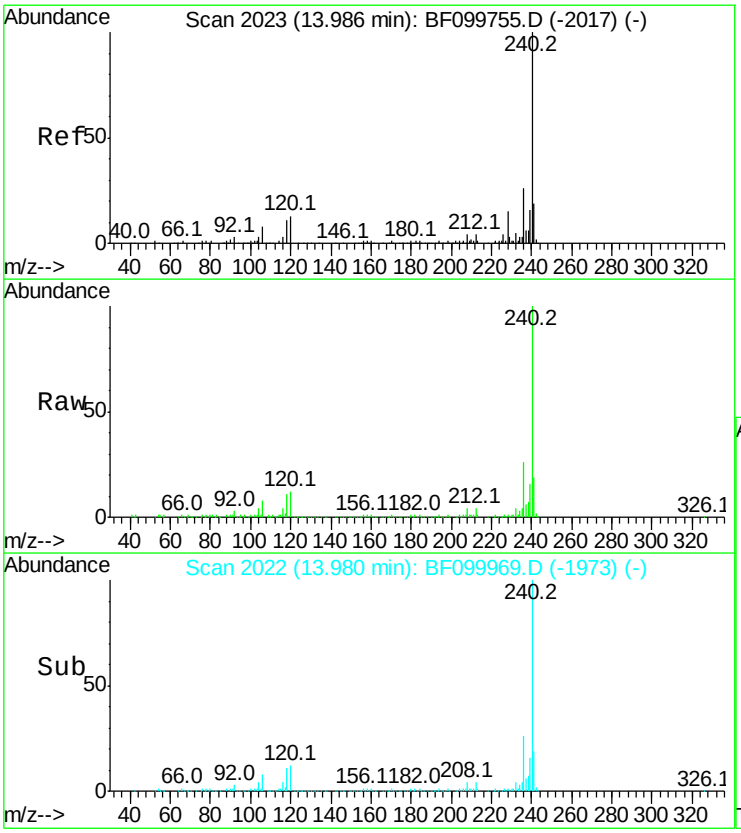
#66
4-Bromophenyl-phenylether
Concen: 2.451 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF099969.D
Acq: 30 Oct 2017 19:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 6780

Ion	Ratio	Lower	Upper
248	100		
250	200.4	76.9	115.3#
141	507.9	74.4	111.6#

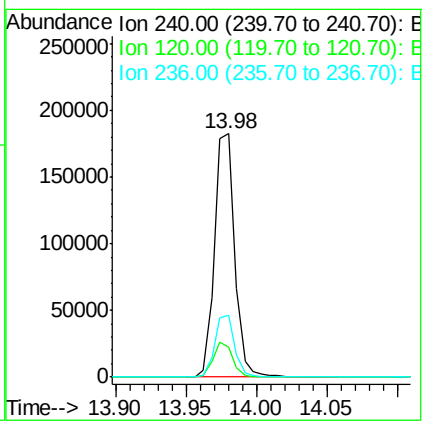


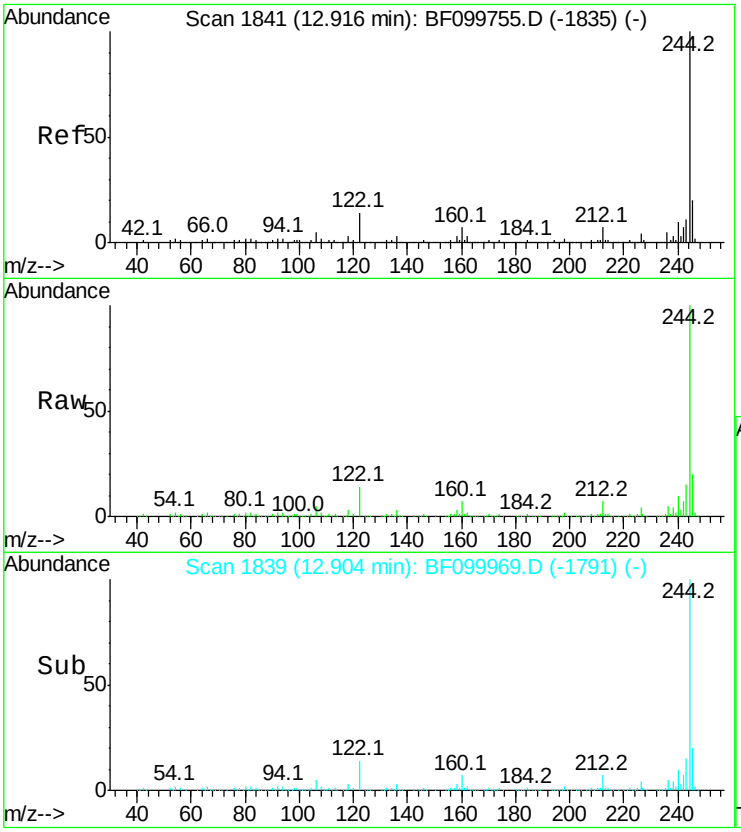


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099969.D
Acq: 30 Oct 2017 19:29

Tgt Ion:240 Resp: 181977

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	25.6	20.7	31.1



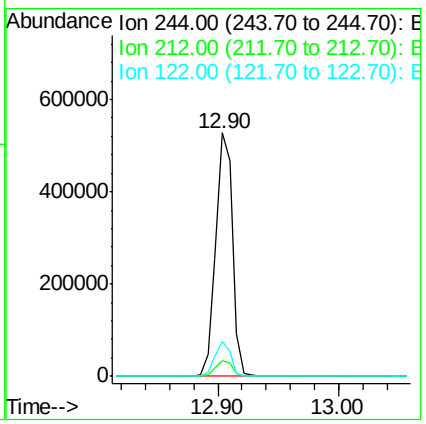


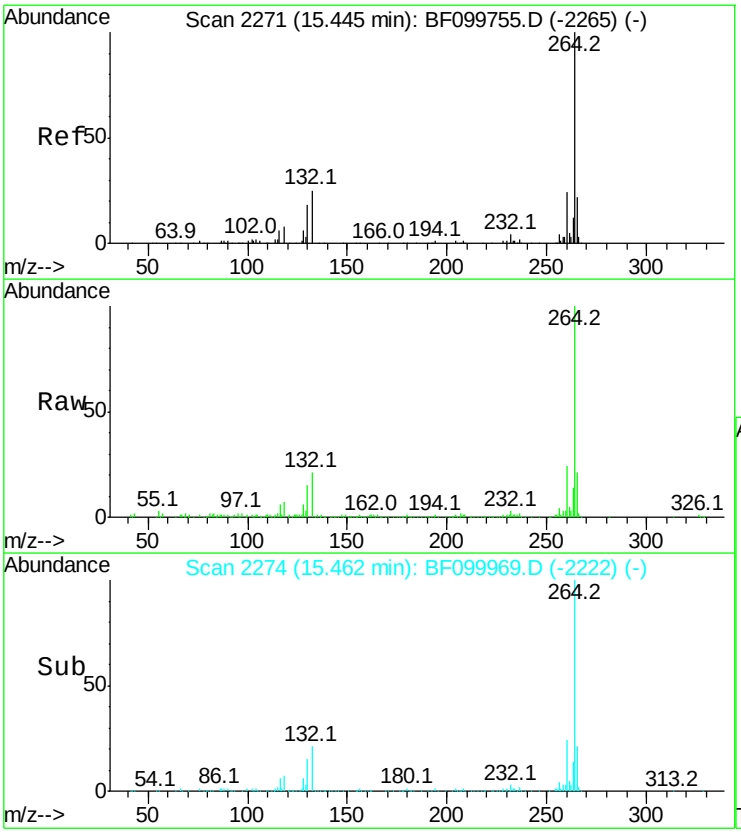
#78
Terphenyl-d14
Concen: 59.802 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.02 min
Lab File: BF099969.D
Acq: 30 Oct 2017 19:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 497975

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	14.2	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF099969.D
Acq: 30 Oct 2017 19:29

Tgt Ion:264 Resp: 162303

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.3	17.5	26.3