Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
Data File : BF099667.D
Acq On : 19 Oct 2017 19:59
Operator : SJ/JU
Sample : I5924-03RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 20 12:49:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 19 19:55:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	93291	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	372592	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	153683	20.00	ng		-0.02
63) Phenanthrene-d10	11.34	188	215149	20.00	ng		-0.01
75) Chrysene-d12	13.98	240	155639	20.00	ng		-0.02
86) Perylene-d12	15.44	264	174888	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	512624	87.47	ng		0.00
7) Phenol-d6	6.46	99	604312	83.59	ng		-0.02
23) Nitrobenzene-d5	7.39	82	348805	60.04	ng		-0.01
41) 2,4,6-Tribromophenol	10.65	330	98625	78.43	ng		-0.01
44) 2-Fluorobiphenyl	9.17	172	664741	72.21	ng		-0.01
78) Terphenyl-d14	12.92	244	383342	56.01	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.59	77	9445	2.252	ng		85
10) Phenol	6.47	94	28240	3.493	ng		97
19) n-Nitroso-di-n-propylamine	7.39	70	44404	9.620	ng	#	72
25) Isophorone	7.39	82	348840	29.041	ng	#	64
50) 2,6-Dinitrotoluene	9.85	165	19773	7.830	ng	#	26
56) 2,4-Dinitrotoluene	9.85	165	19773	6.033	ng	#	23
66) 4-Bromophenyl-phenylether	10.65	248	6592	3.130	ng	#	1

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

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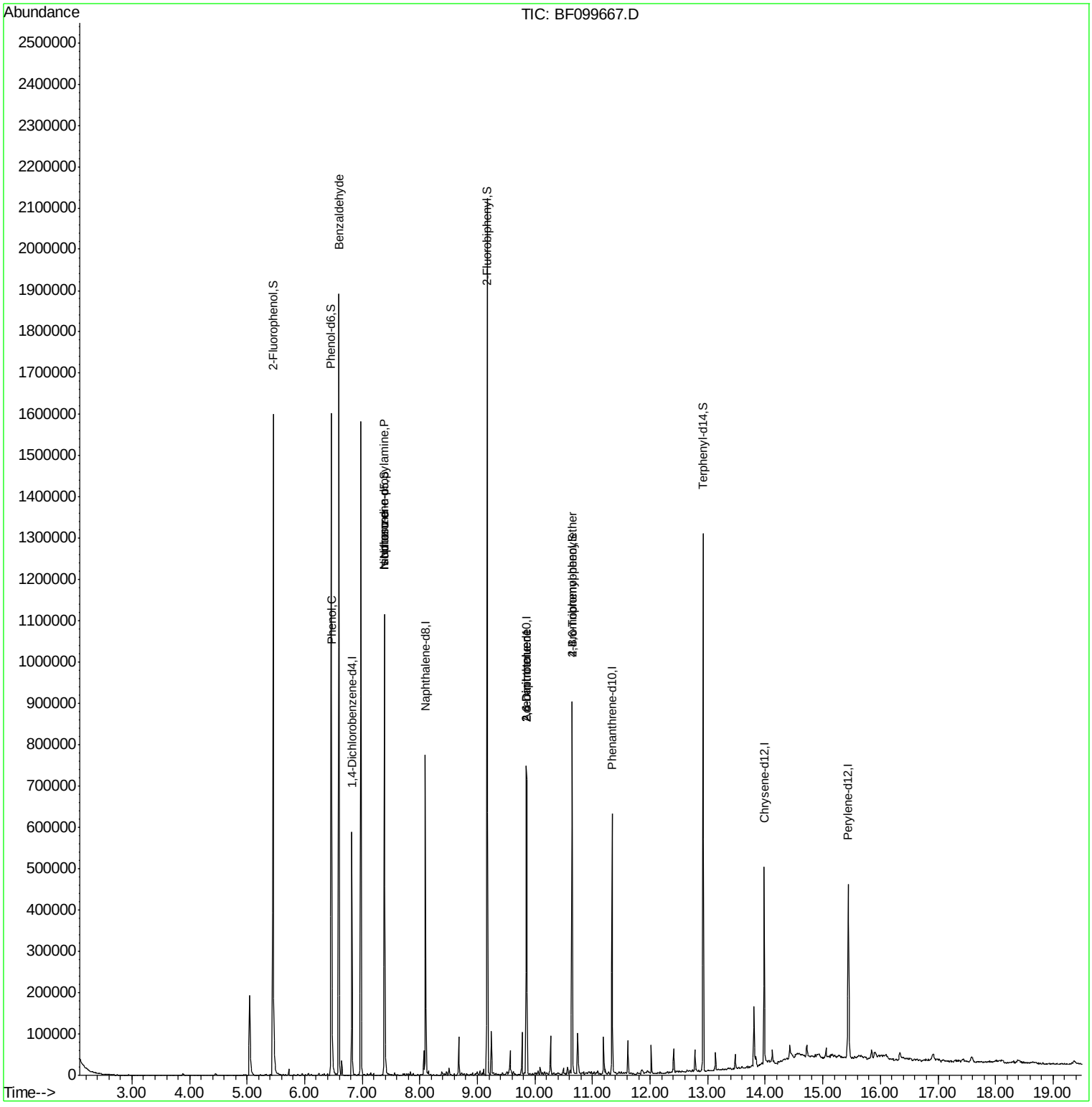
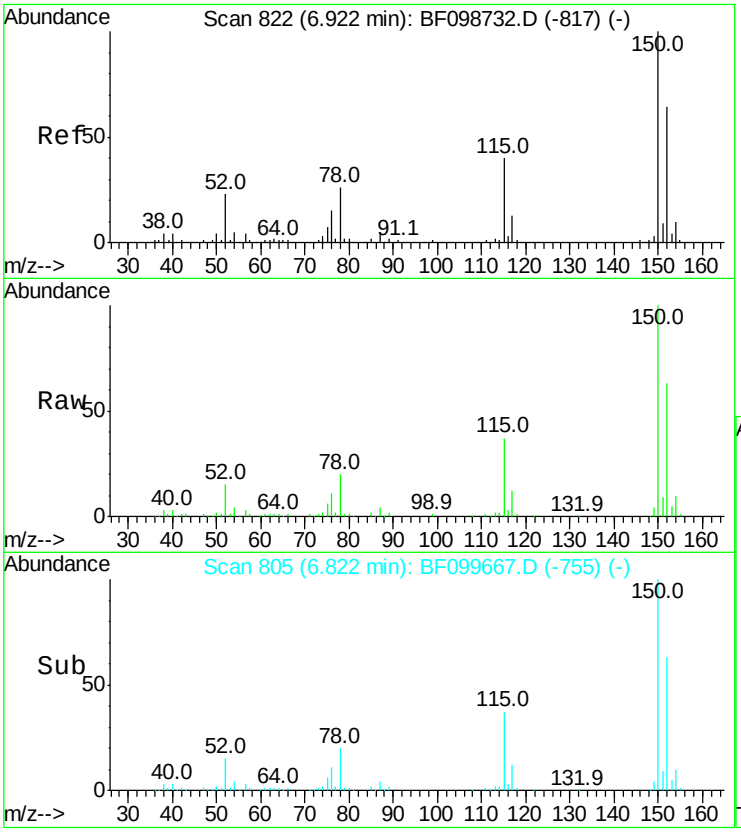


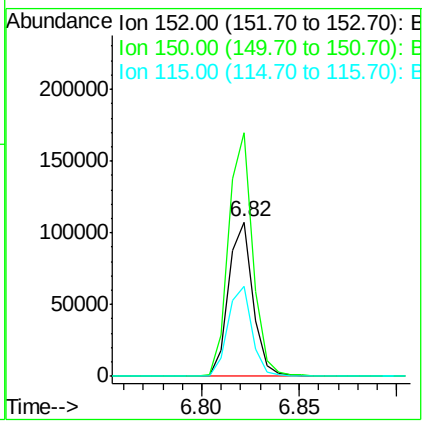


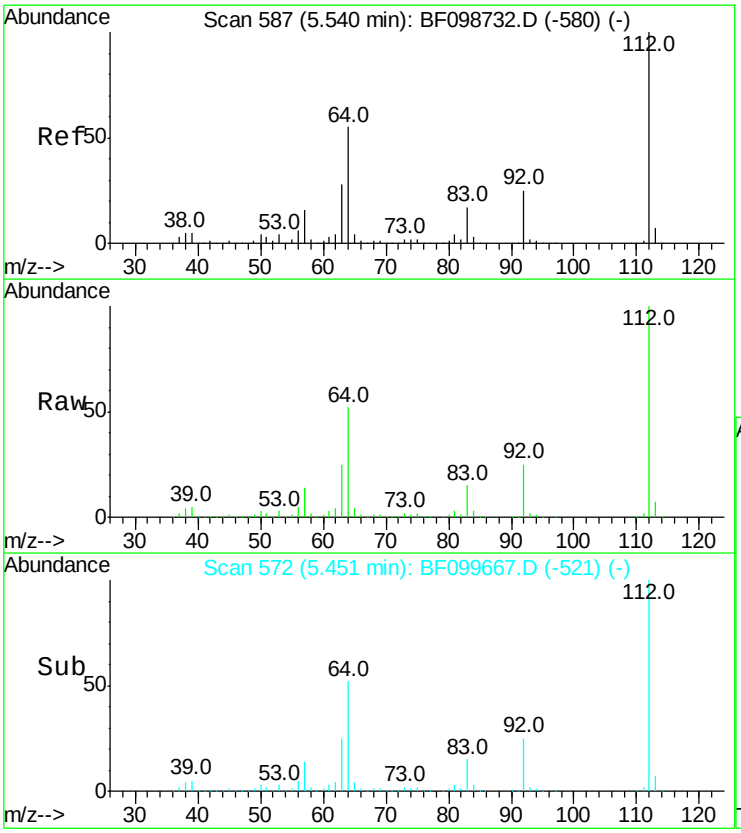
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF099667.D
Acq: 19 Oct 2017 19:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 93291

Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	57.9	50.1	75.1

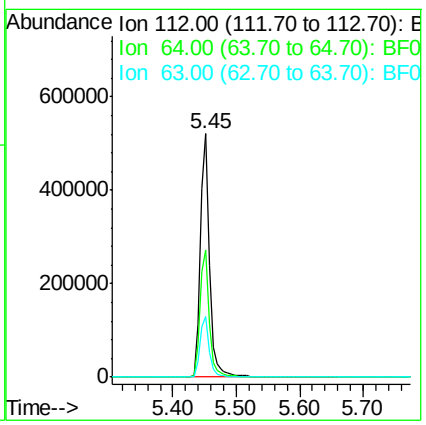


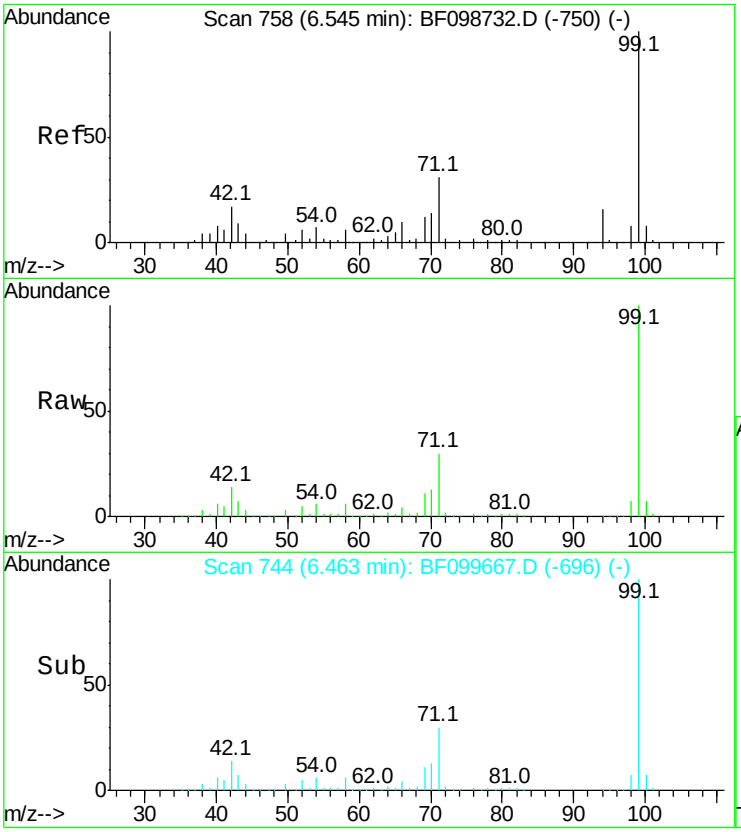


#5
2-Fluorophenol
Concen: 87.473 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF099667.D
Acq: 19 Oct 2017 19:59

Tgt Ion:112 Resp: 512624

Ion	Ratio	Lower	Upper
112	100		
64	52.2	47.9	71.9
63	25.1	23.7	35.5



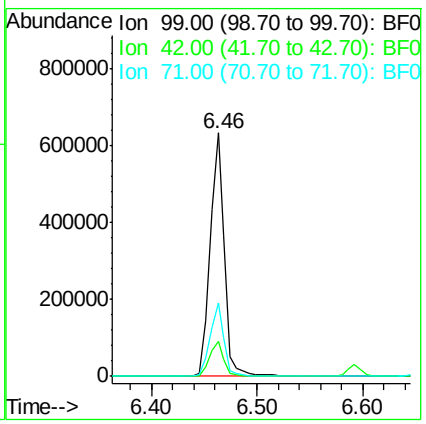


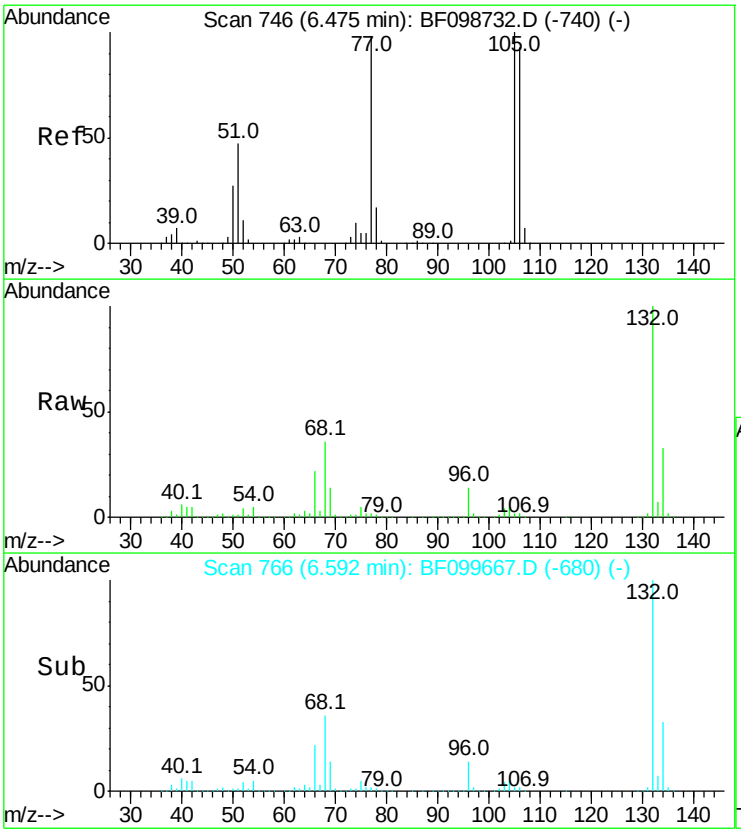
#7
Phenol-d6
Concen: 83.591 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF099667.D
Acq: 19 Oct 2017 19:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 604312

Ion	Ratio	Lower	Upper
99	100		
42	14.3	14.5	21.7#
71	30.0	25.4	38.0

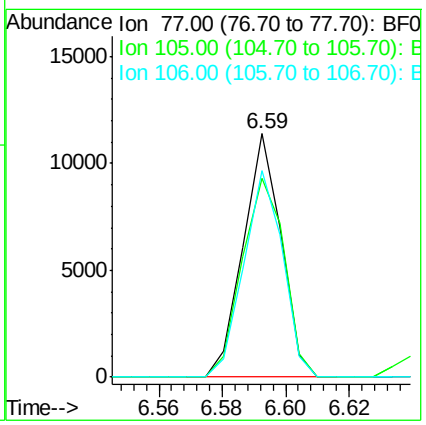


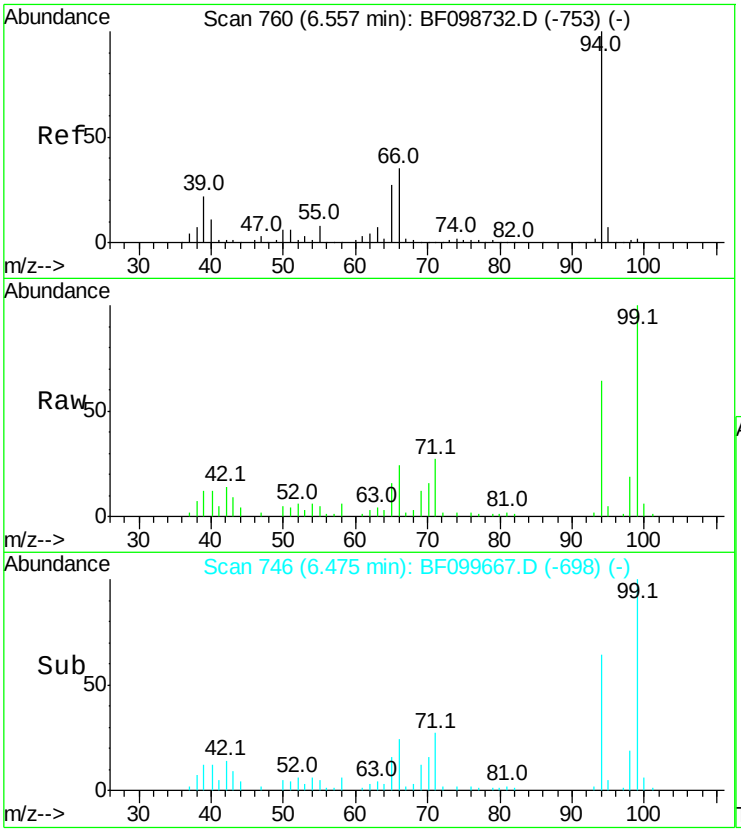


#9
Benzaldehyde
Concen: 2.252 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.21 min
Lab File: BF099667.D
Acq: 19 Oct 2017 19:59

Tgt Ion: 77 Resp: 9445

Ion	Ratio	Lower	Upper
77	100		
105	81.6	81.1	121.1
106	84.9	74.5	114.5



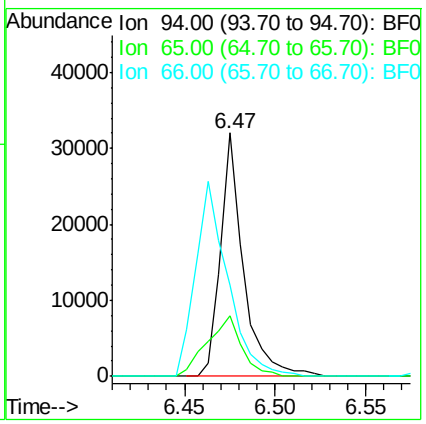


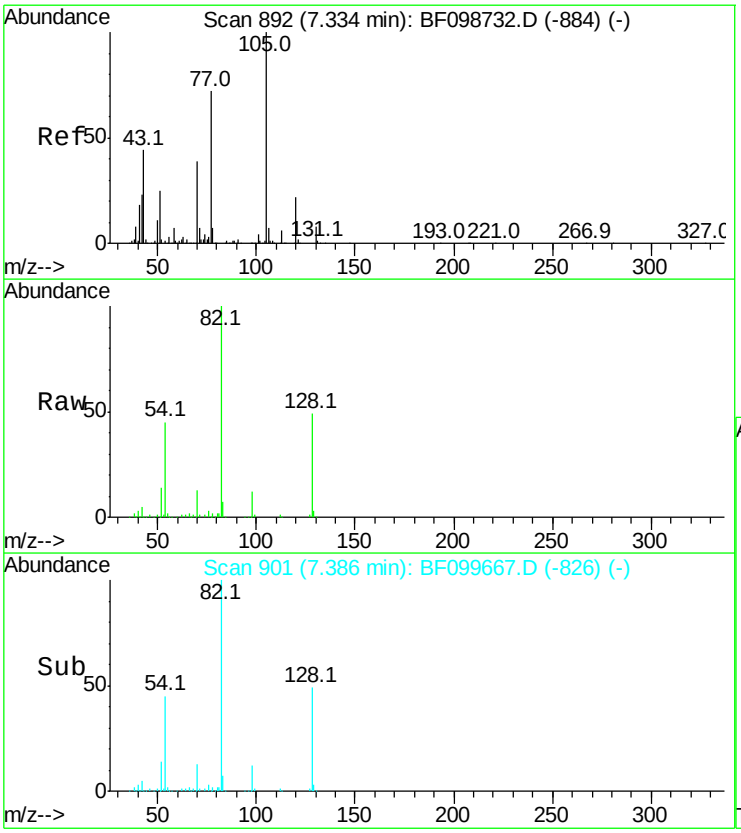
#10
Phenol
Concen: 3.493 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF099667.D
Acq: 19 Oct 2017 19:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 28240

Ion	Ratio	Lower	Upper
94	100		
65	25.1	7.9	47.9
66	37.3	16.2	56.2

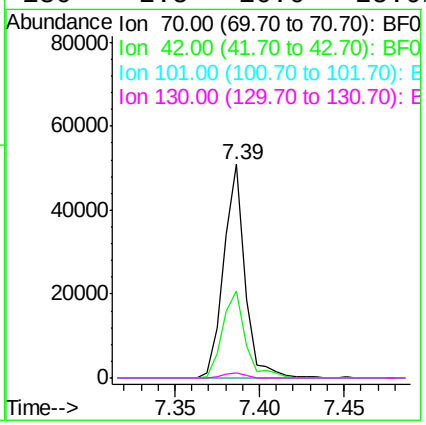


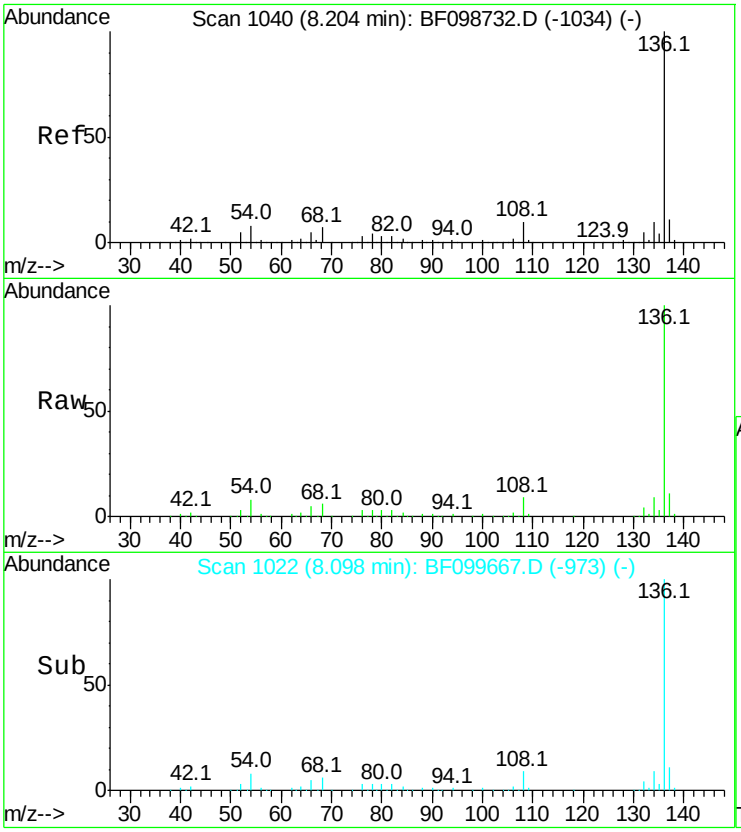


#19
n-Nitroso-di-n-propylamine
Concen: 9.620 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.14 min
Lab File: BF099667.D
Acq: 19 Oct 2017 19:59

Tgt Ion: 70 Resp: 44404

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#



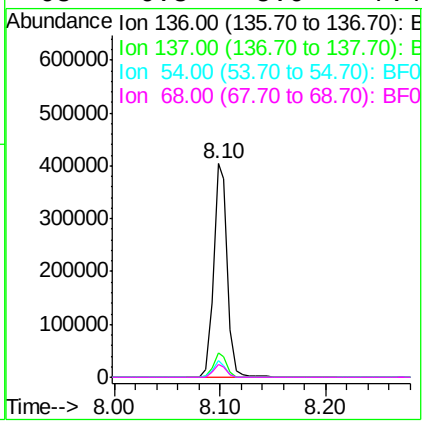


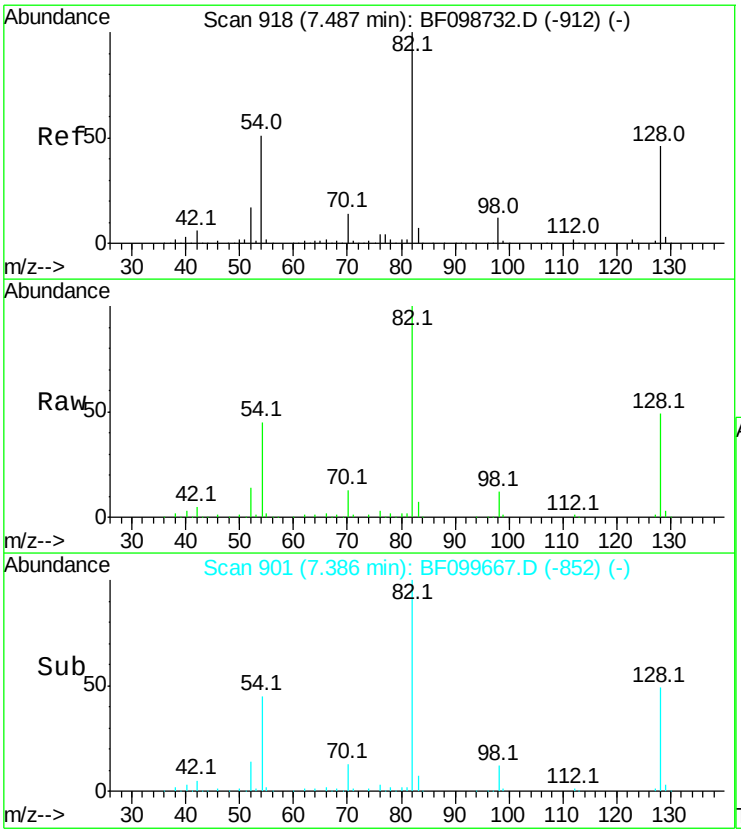
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF099667.D
Acq: 19 Oct 2017 19:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 372592

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.5	6.6	9.8
68	6.3	5.0	7.4

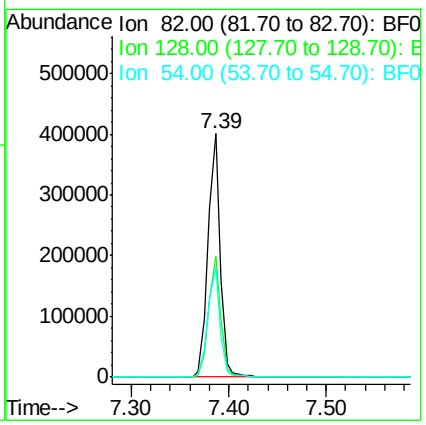


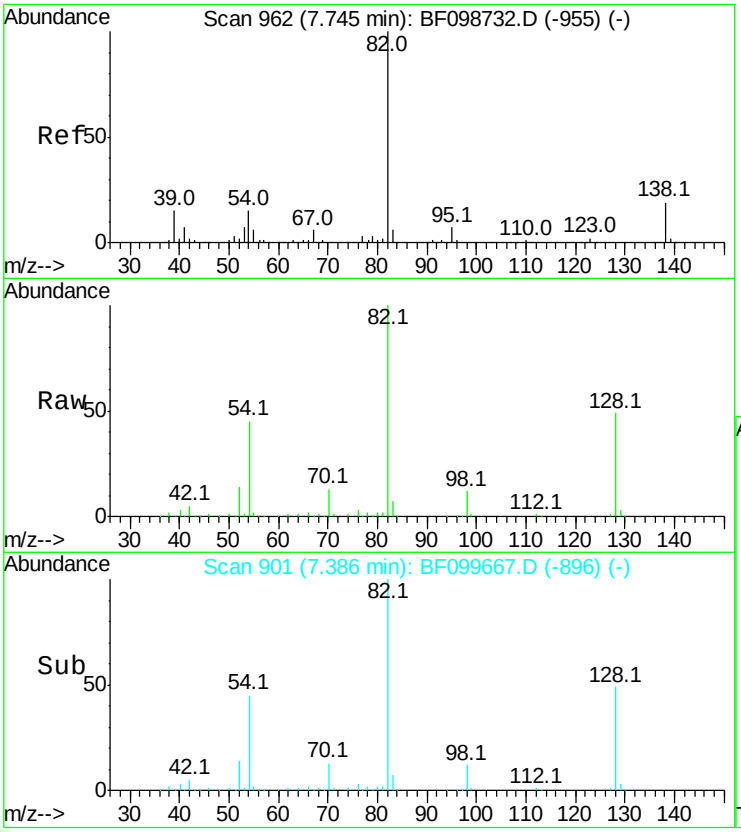


#23
Nitrobenzene-d5
Concen: 60.036 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF099667.D
Acq: 19 Oct 2017 19:59

Tgt Ion: 82 Resp: 348805

Ion	Ratio	Lower	Upper
82	100		
128	49.4	36.1	54.1
54	44.6	41.4	62.2



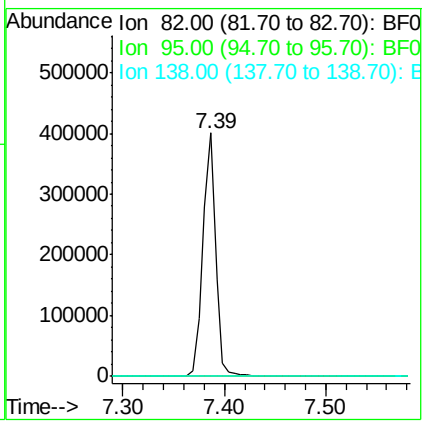


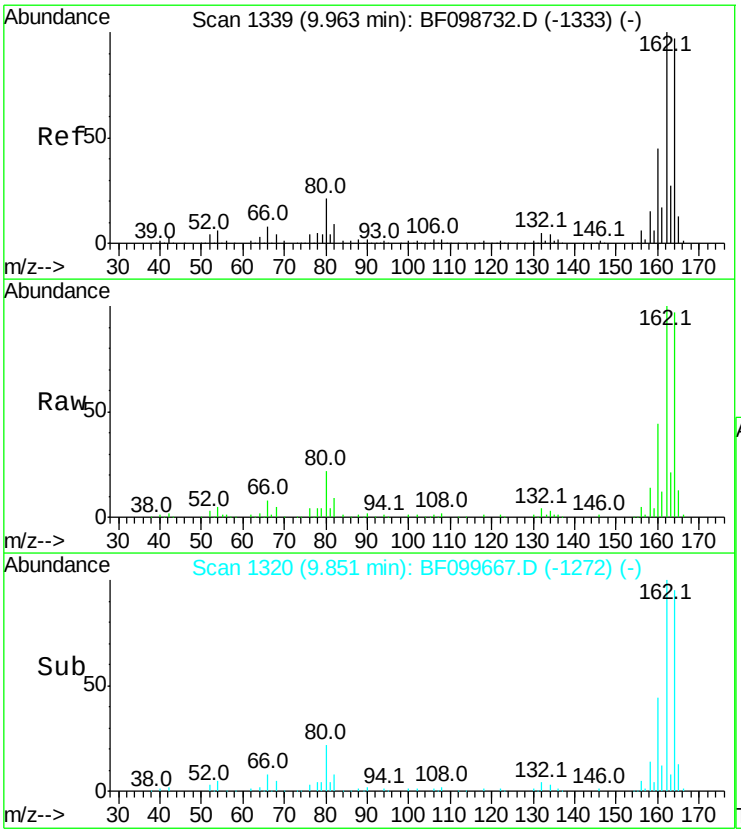
#25
Isophorone
Concen: 29.041 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.27 min
Lab File: BF099667.D
Acq: 19 Oct 2017 19:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 348840

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

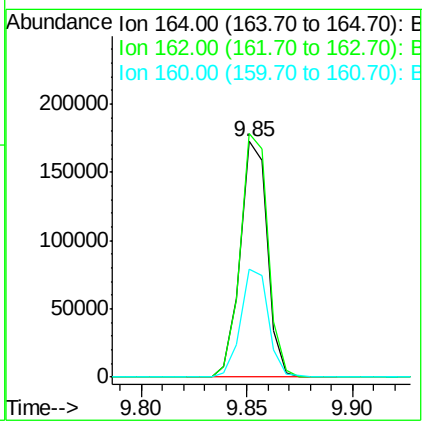


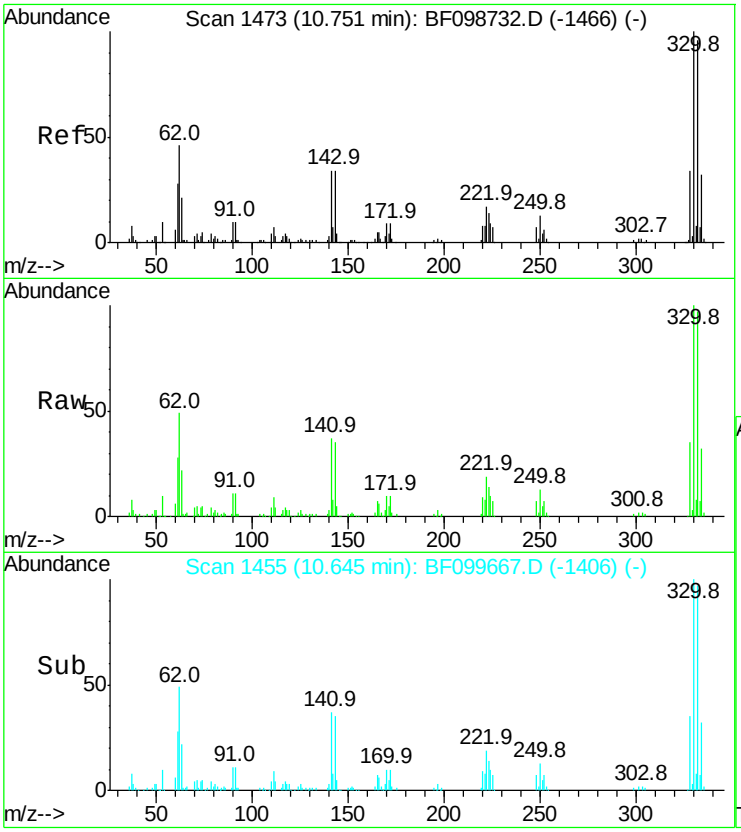


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BF099667.D
Acq: 19 Oct 2017 19:59

Tgt Ion:164 Resp: 153683

Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	45.6	38.3	57.5



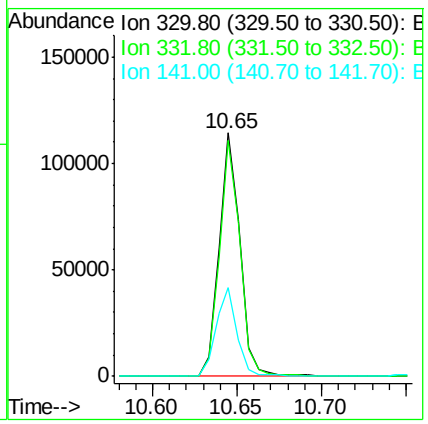


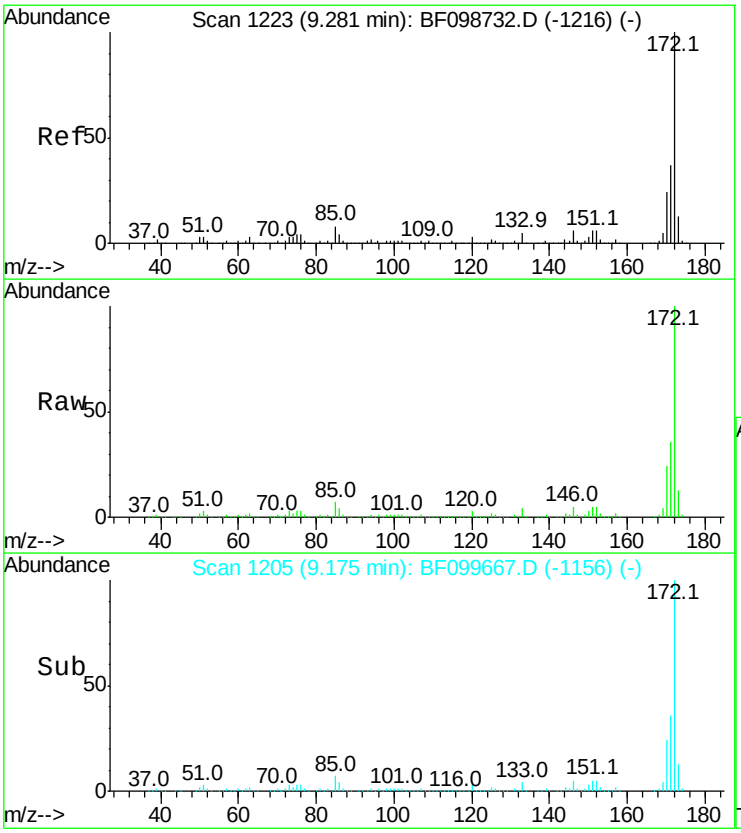
#41
2,4,6-Tribromophenol
Concen: 78.427 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF099667.D
Acq: 19 Oct 2017 19:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 98625

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	37.1	29.9	44.9

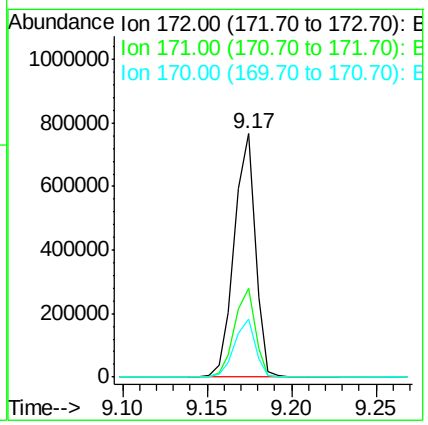


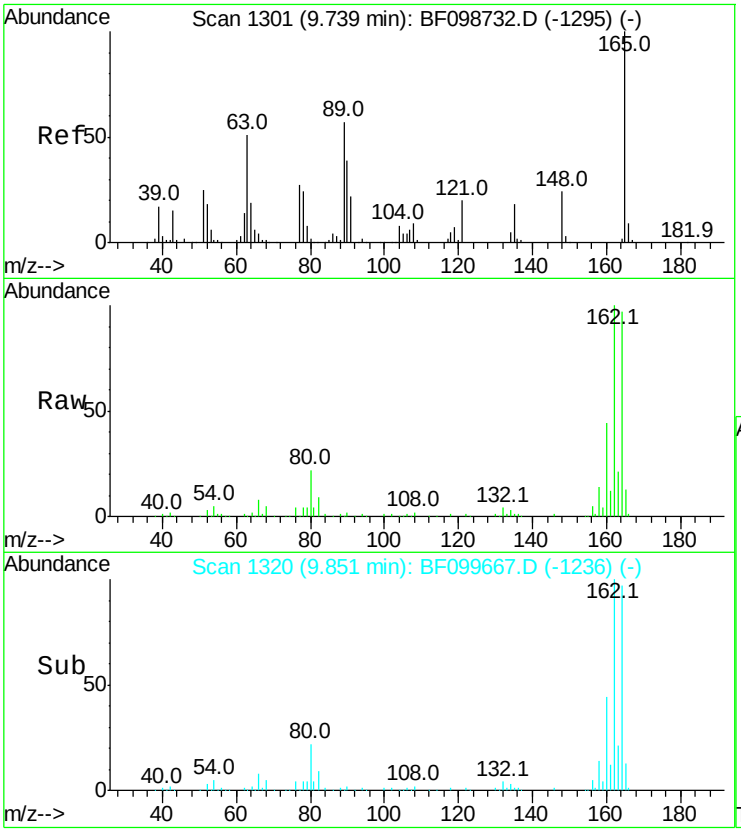


#44
2-Fluorobiphenyl
Concen: 72.209 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF099667.D
Acq: 19 Oct 2017 19:59

Tgt Ion:172 Resp: 664741

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.6	19.6	29.4



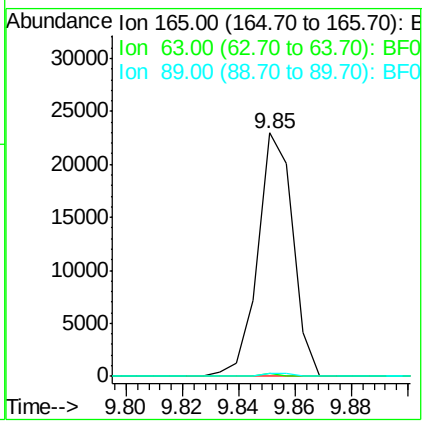


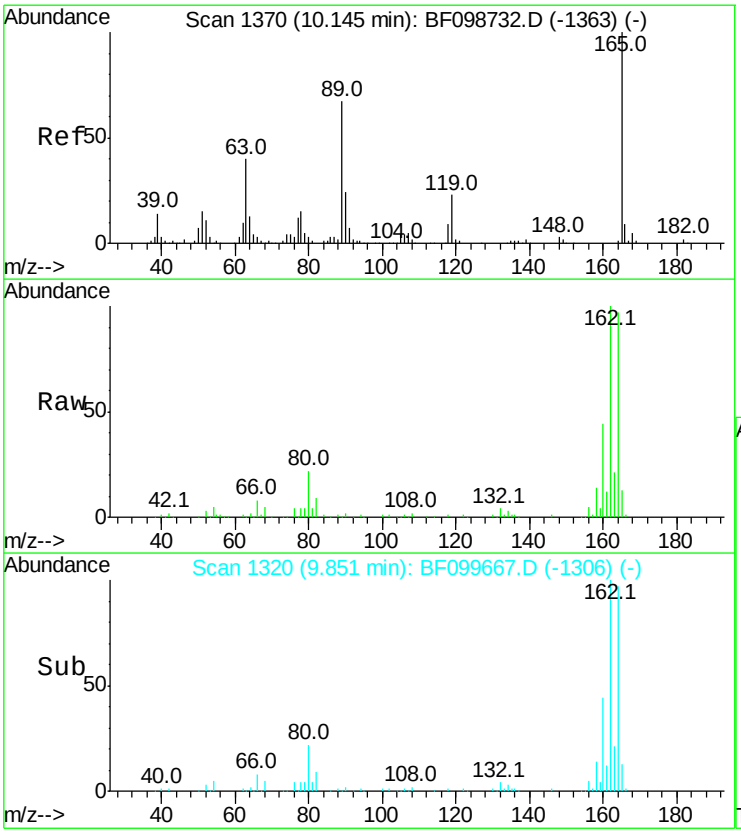
#50
2,6-Dinitrotoluene
Concen: 7.830 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.19 min
Lab File: BF099667.D
Acq: 19 Oct 2017 19:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 19773

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.4	44.0	66.0#

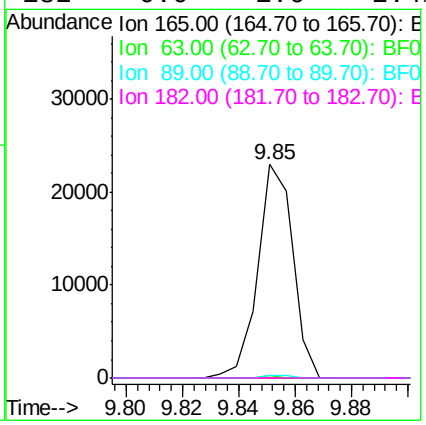


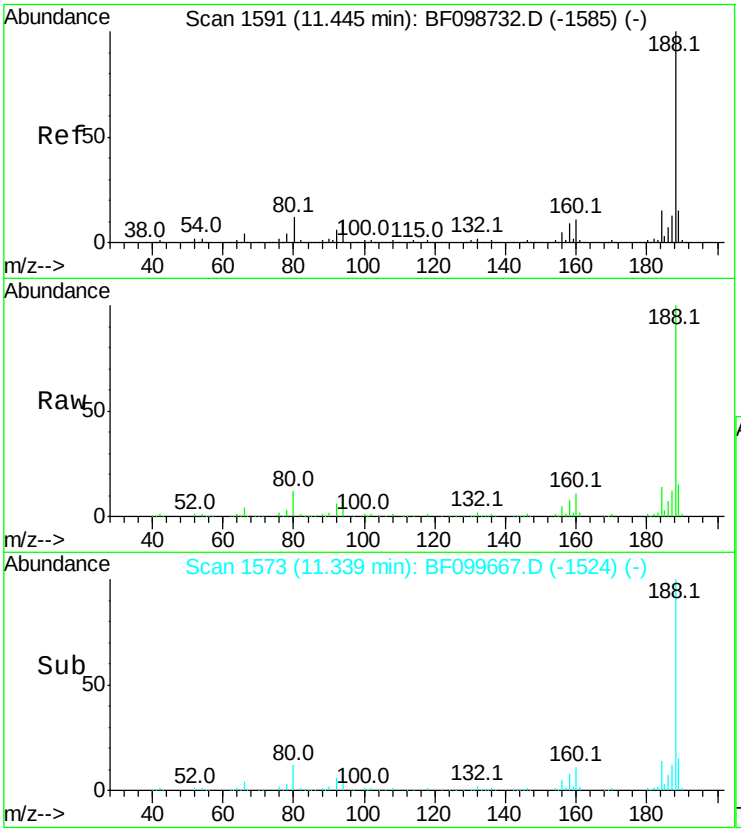


#56
2,4-Dinitrotoluene
Concen: 6.033 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.22 min
Lab File: BF099667.D
Acq: 19 Oct 2017 19:59

Tgt Ion:165 Resp: 19773

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



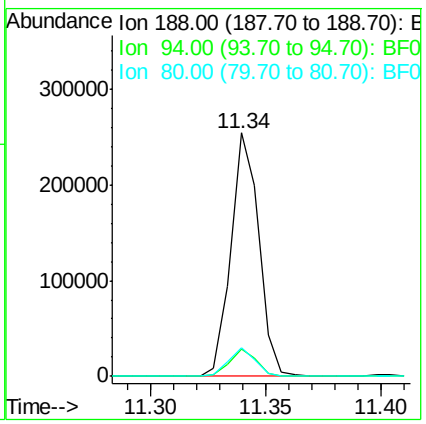


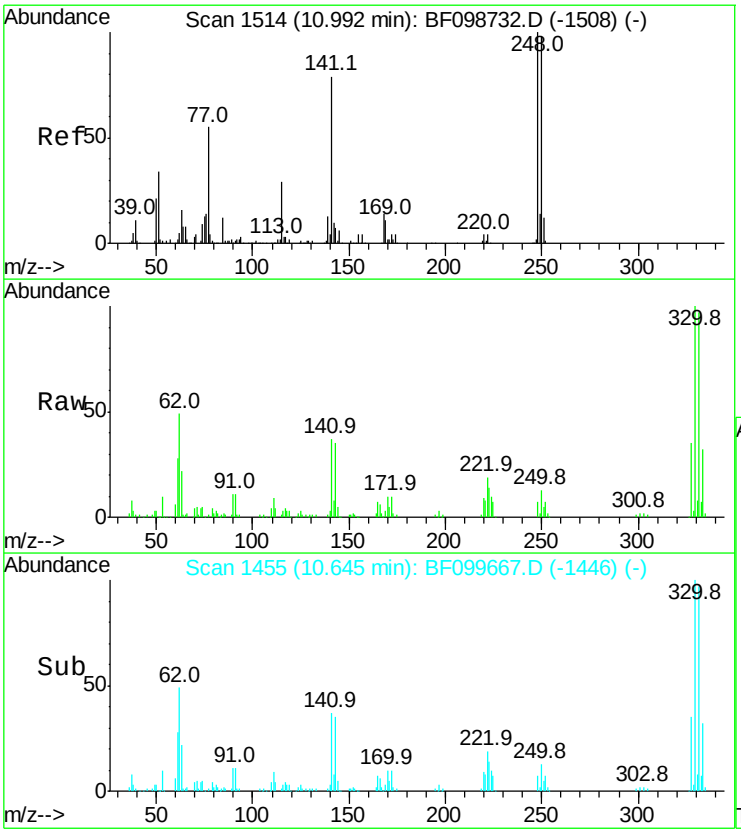
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF099667.D
Acq: 19 Oct 2017 19:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 215149

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	11.5	9.2	13.8

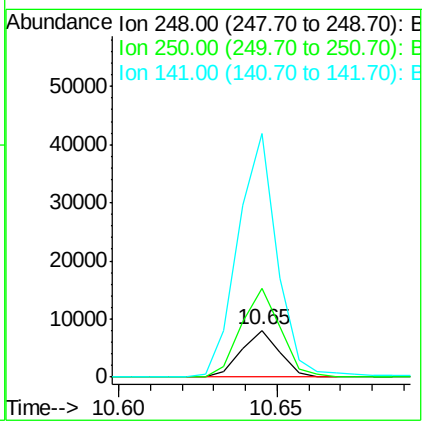


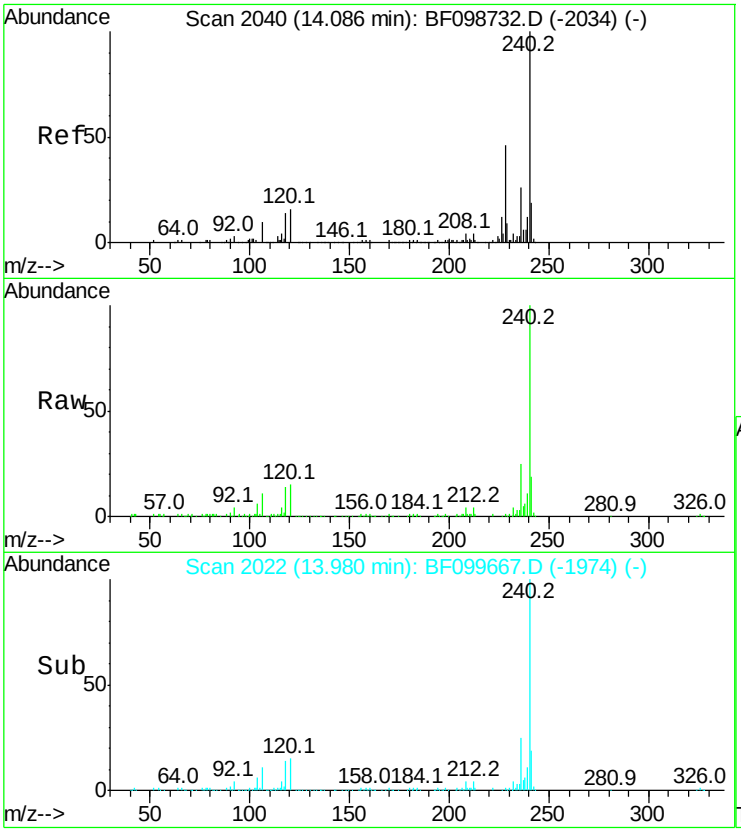


#66
4-Bromophenyl-phenylether
Concen: 3.130 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.25 min
Lab File: BF099667.D
Acq: 19 Oct 2017 19:59

Tgt Ion:248 Resp: 6592

Ion	Ratio	Lower	Upper
248	100		
250	190.5	76.9	115.3#
141	519.6	74.4	111.6#



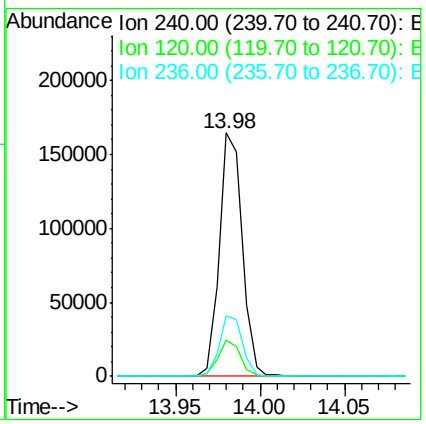


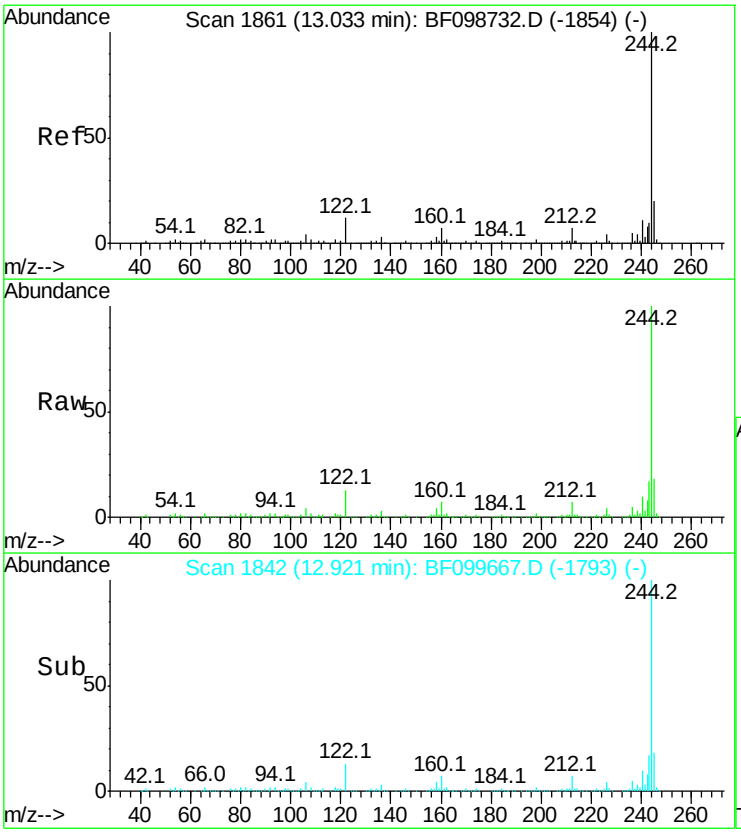
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF099667.D
Acq: 19 Oct 2017 19:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 155639

Ion	Ratio	Lower	Upper
240	100		
120	15.1	9.5	14.3#
236	25.1	20.7	31.1

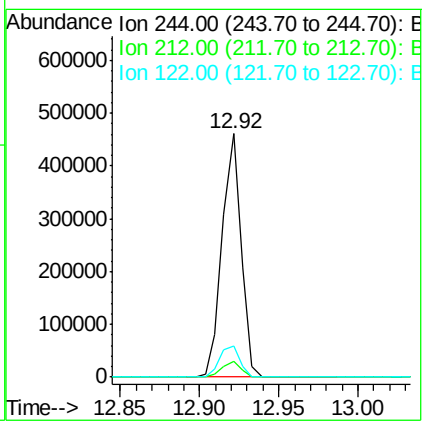


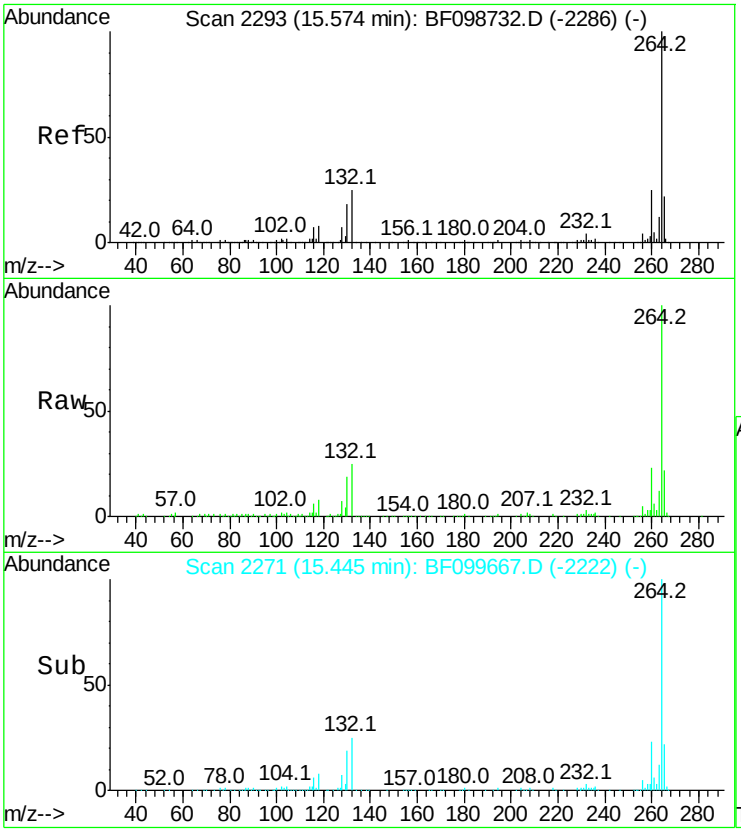


#78
Terphenyl-d14
Concen: 56.014 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BF099667.D
Acq: 19 Oct 2017 19:59

Tgt Ion:244 Resp: 383342

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.9	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF099667.D
Acq: 19 Oct 2017 19:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 174888

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.4	17.5	26.3