Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
Data File : BF099728.D
Acq On : 21 Oct 2017 15:26
Operator : SJ/JU
Sample : I5950-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 22 00:45:09 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 20 13:11:43 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	91980	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	379037	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	166424	20.00	ng		-0.01
63) Phenanthrene-d10	11.33	188	270779	20.00	ng		-0.01
75) Chrysene-d12	13.98	240	161029	20.00	ng		0.00
86) Perylene-d12	15.44	264	174049	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	733115	126.88	ng		0.00
7) Phenol-d6	6.46	99	886809	124.42	ng		0.00
23) Nitrobenzene-d5	7.38	82	506850	85.76	ng		-0.01
41) 2,4,6-Tribromophenol	10.65	330	178819	131.31	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	850897	85.35	ng		0.00
78) Terphenyl-d14	12.92	244	536074	75.71	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.59	77	13673	3.307	ng		89
10) Phenol	6.47	94	31218	3.916	ng		95
19) n-Nitroso-di-n-propylamine	7.38	70	63571	13.969	ng	#	72
25) Isophorone	7.38	82	506850	41.478	ng	#	64
49) Dimethylphthalate	9.56	163	91153	7.257	ng		99
56) 2,4-Dinitrotoluene	9.85	165	21794	6.141	ng	#	22
62) Azobenzene	10.56	77	171012	15.154	ng	#	1
66) 4-Bromophenyl-phenylether	10.65	248	11909	4.493	ng	#	1

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

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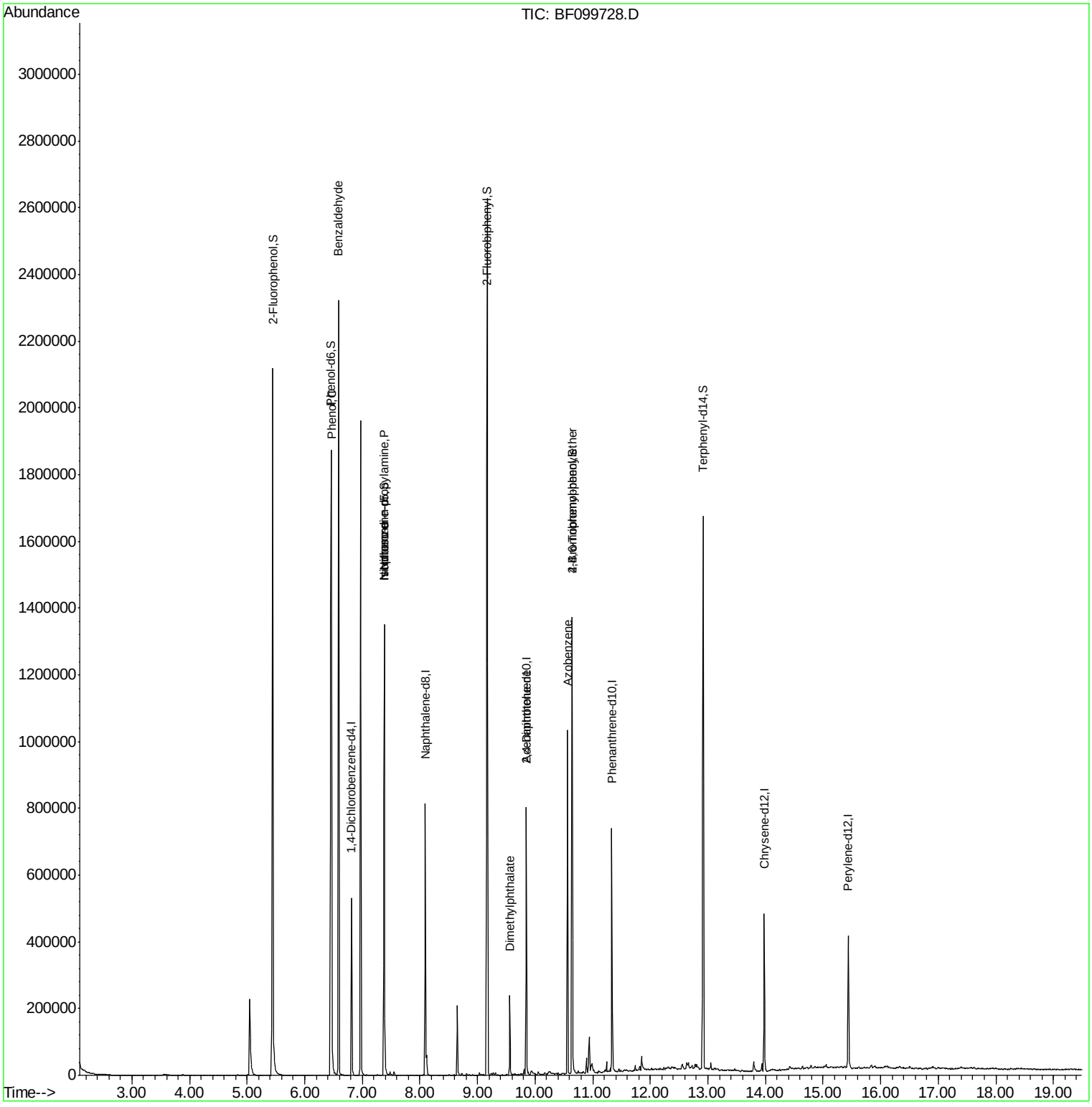
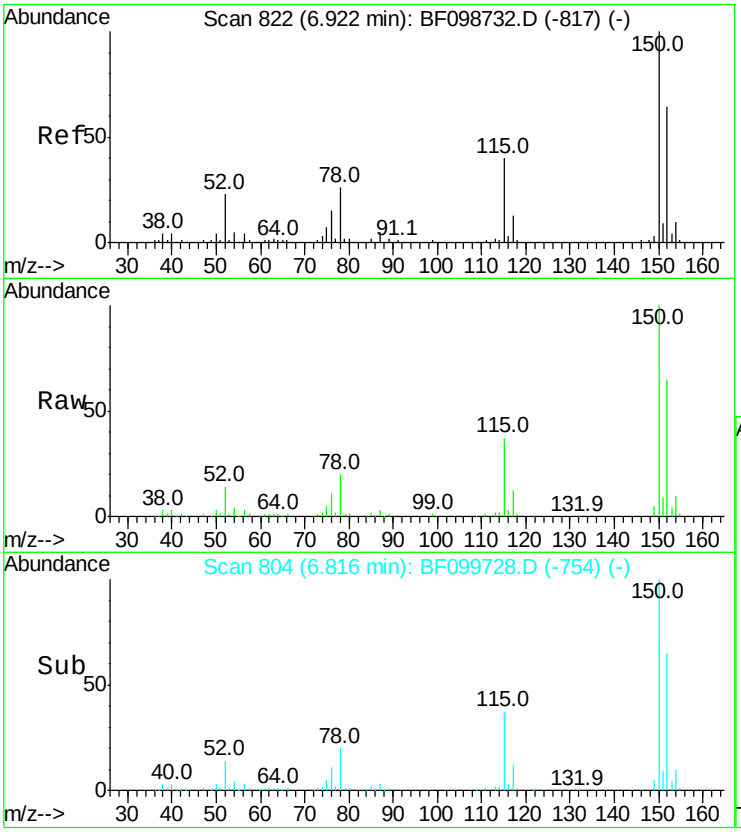


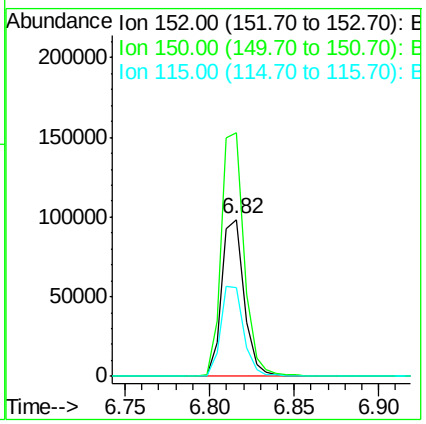


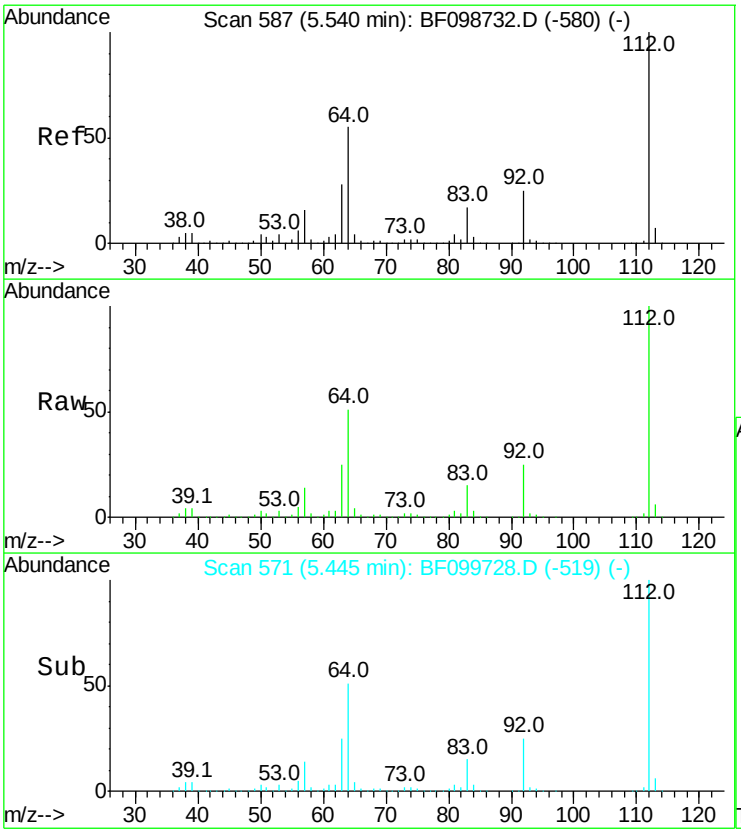
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF099728.D
Acq: 21 Oct 2017 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 91980

Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	56.7	50.1	75.1

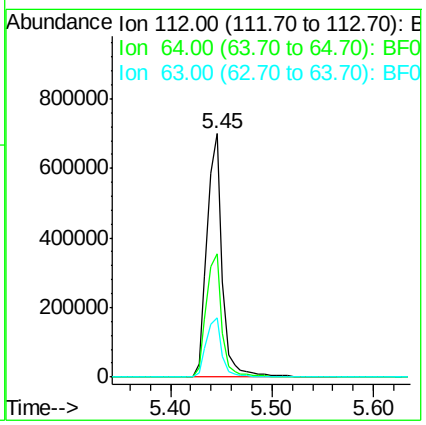


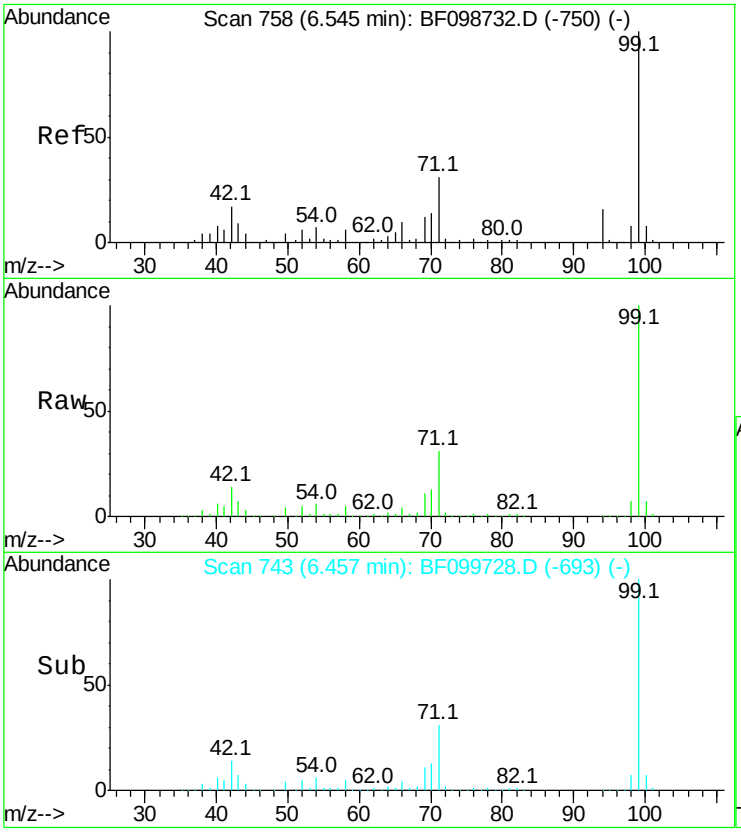


#5
2-Fluorophenol
Concen: 126.880 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF099728.D
Acq: 21 Oct 2017 15:26

Tgt Ion:112 Resp: 733115

Ion	Ratio	Lower	Upper
112	100		
64	50.8	47.9	71.9
63	24.6	23.7	35.5



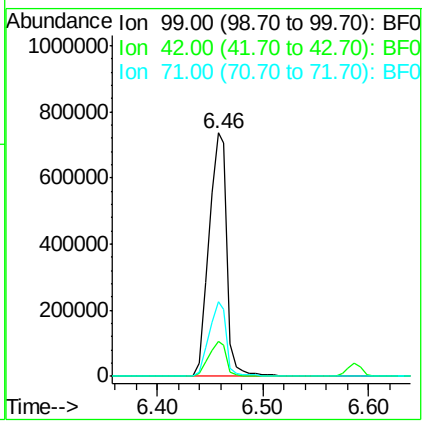


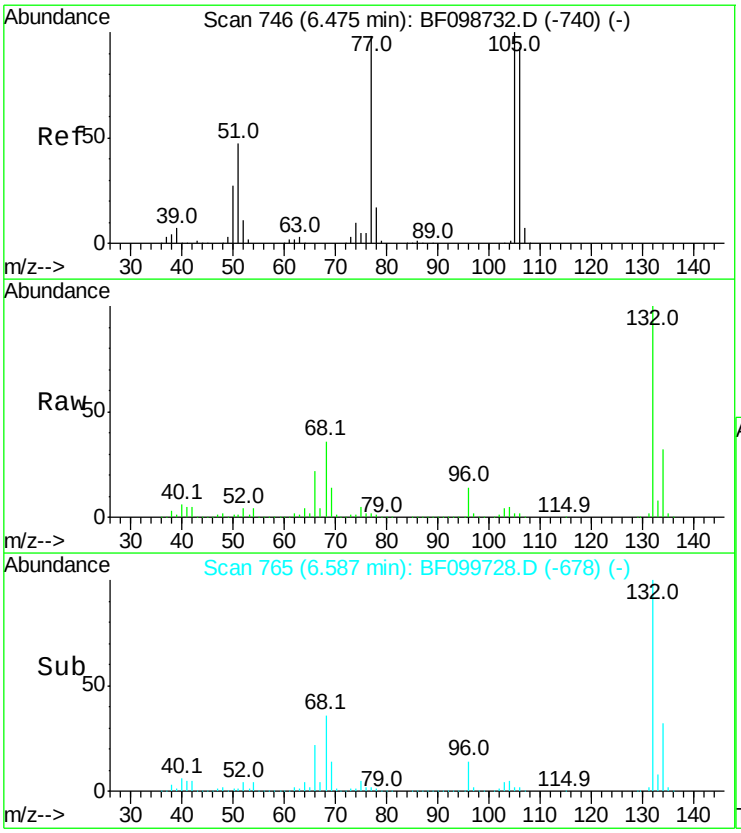
#7
Phenol-d6
Concen: 124.415 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF099728.D
Acq: 21 Oct 2017 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 886809

Ion	Ratio	Lower	Upper
99	100		
42	14.4	14.5	21.7#
71	30.7	25.4	38.0

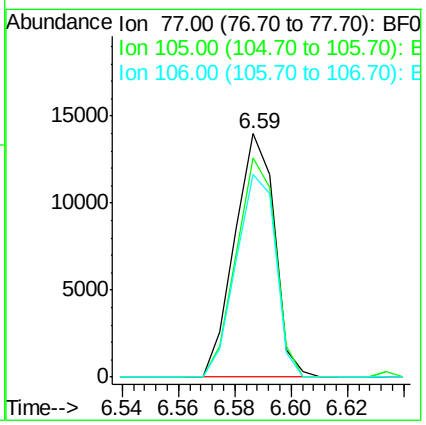


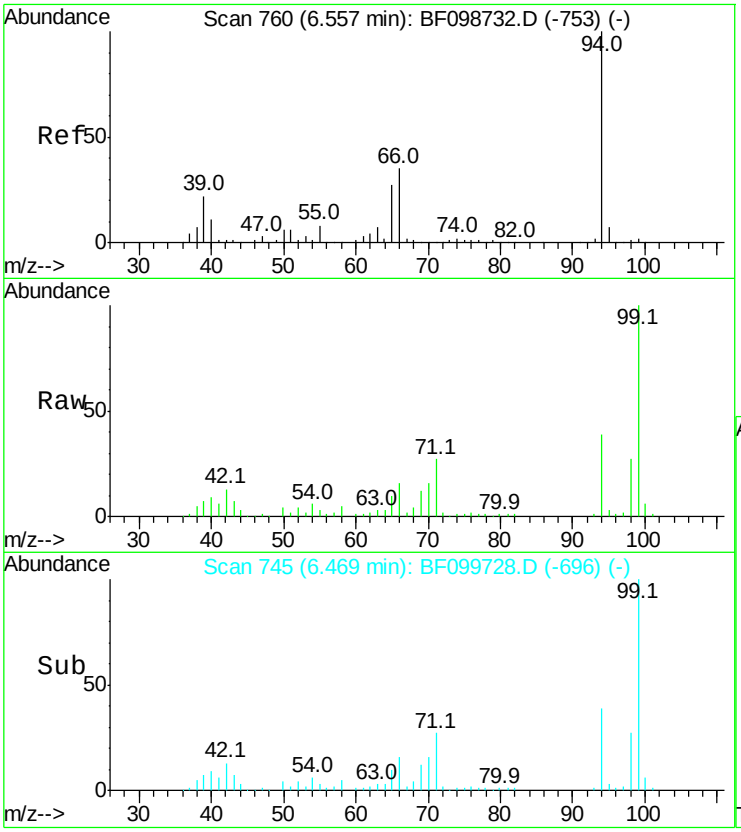


#9
Benzaldehyde
Concen: 3.307 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.21 min
Lab File: BF099728.D
Acq: 21 Oct 2017 15:26

Tgt Ion: 77 Resp: 13673

Ion	Ratio	Lower	Upper
77	100		
105	90.2	81.1	121.1
106	83.4	74.5	114.5



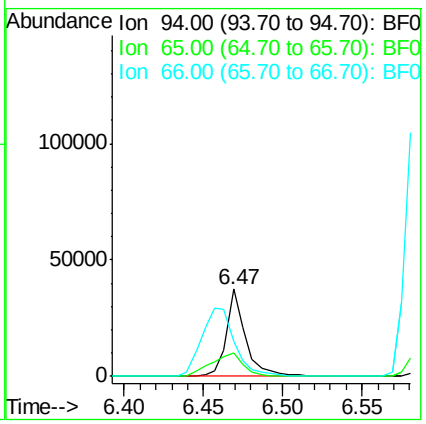


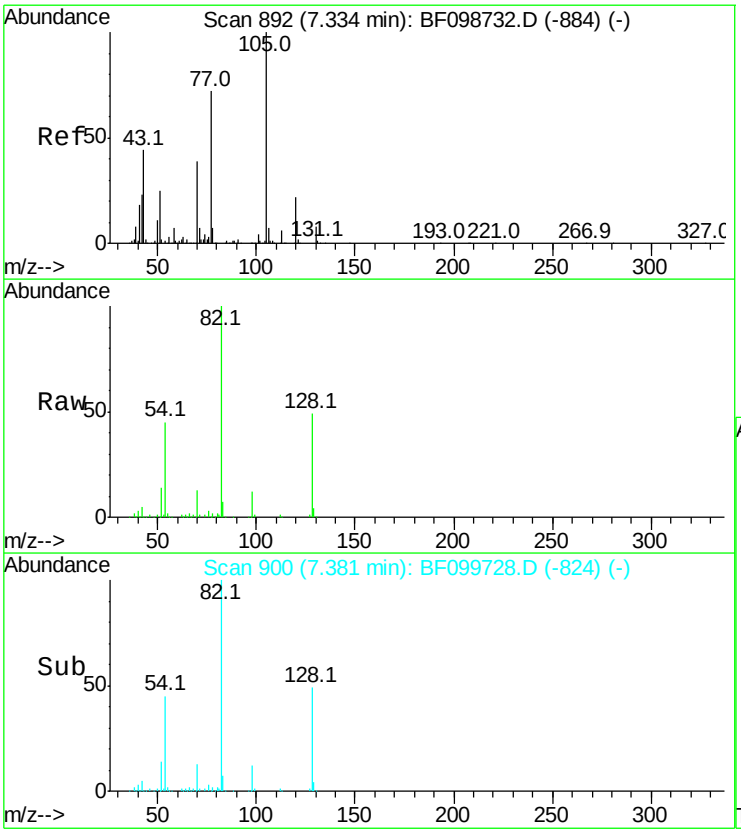
#10
Phenol
Concen: 3.916 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF099728.D
Acq: 21 Oct 2017 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 31218

Ion	Ratio	Lower	Upper
94	100		
65	27.0	7.9	47.9
66	40.6	16.2	56.2

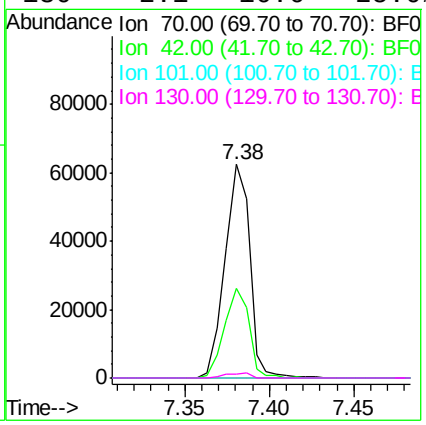


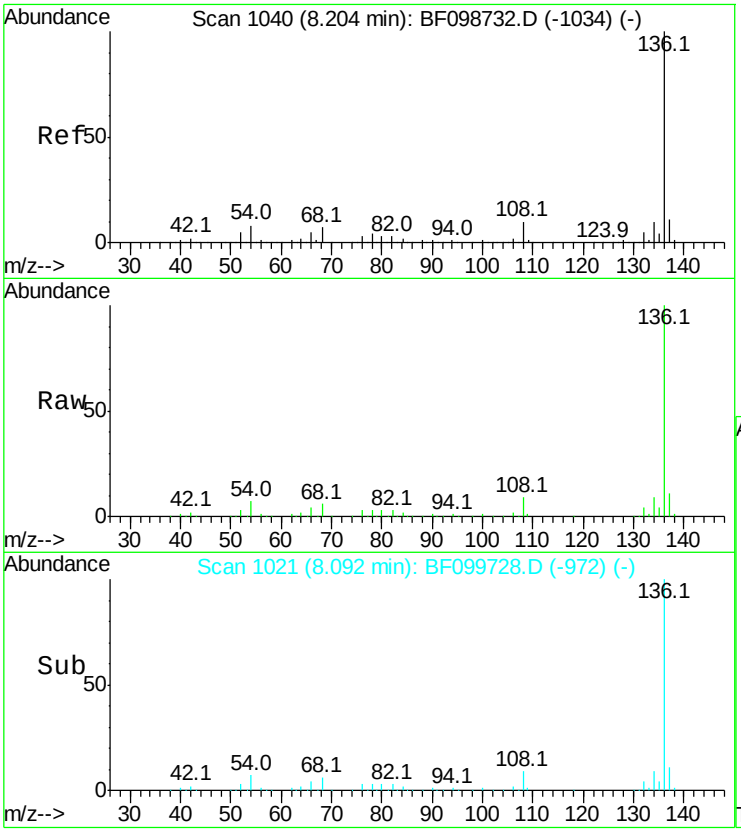


#19
n-Nitroso-di-n-propylamine
Concen: 13.969 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.15 min
Lab File: BF099728.D
Acq: 21 Oct 2017 15:26

Tgt Ion: 70 Resp: 63571

Ion	Ratio	Lower	Upper
70	100		
42	41.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



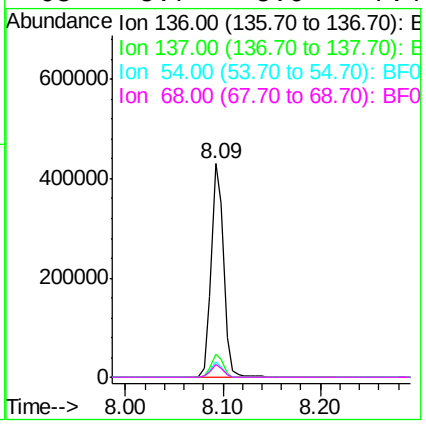


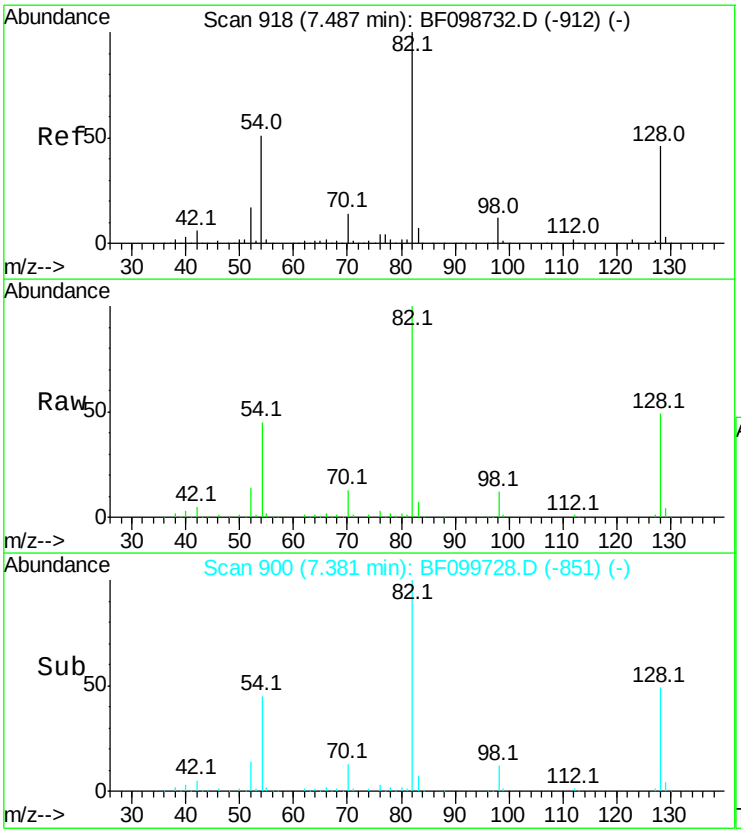
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF099728.D
Acq: 21 Oct 2017 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 379037

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.4	6.6	9.8
68	5.7	5.0	7.4

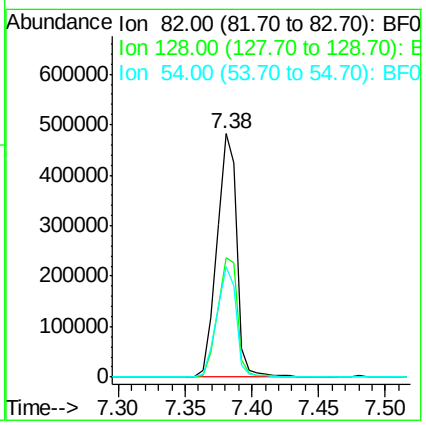


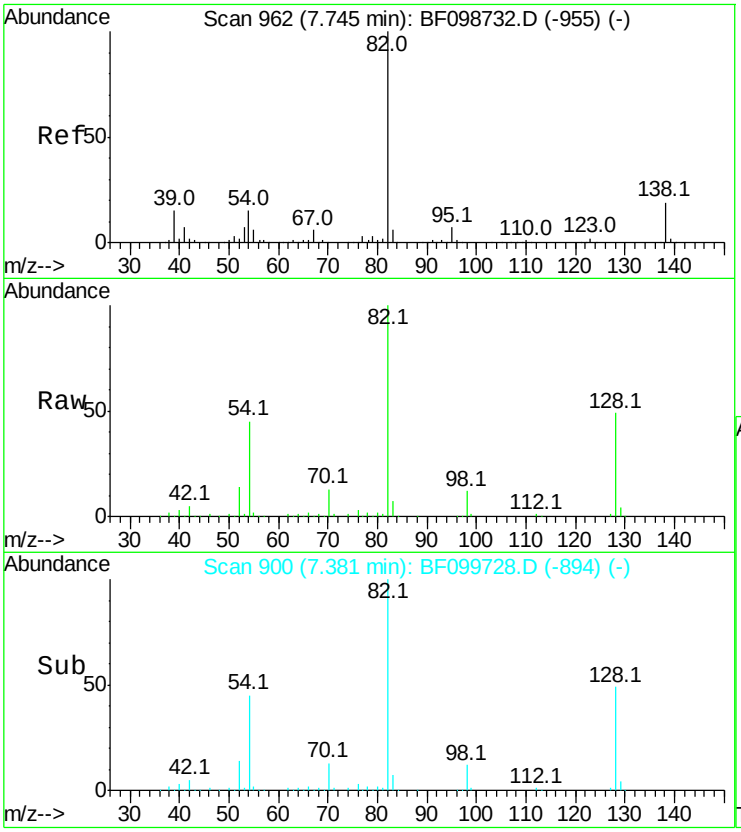


#23
Nitrobenzene-d5
Concen: 85.755 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF099728.D
Acq: 21 Oct 2017 15:26

Tgt Ion: 82 Resp: 506850

Ion	Ratio	Lower	Upper
82	100		
128	49.2	36.1	54.1
54	45.4	41.4	62.2



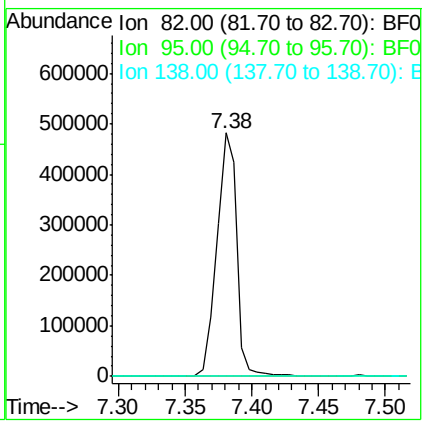


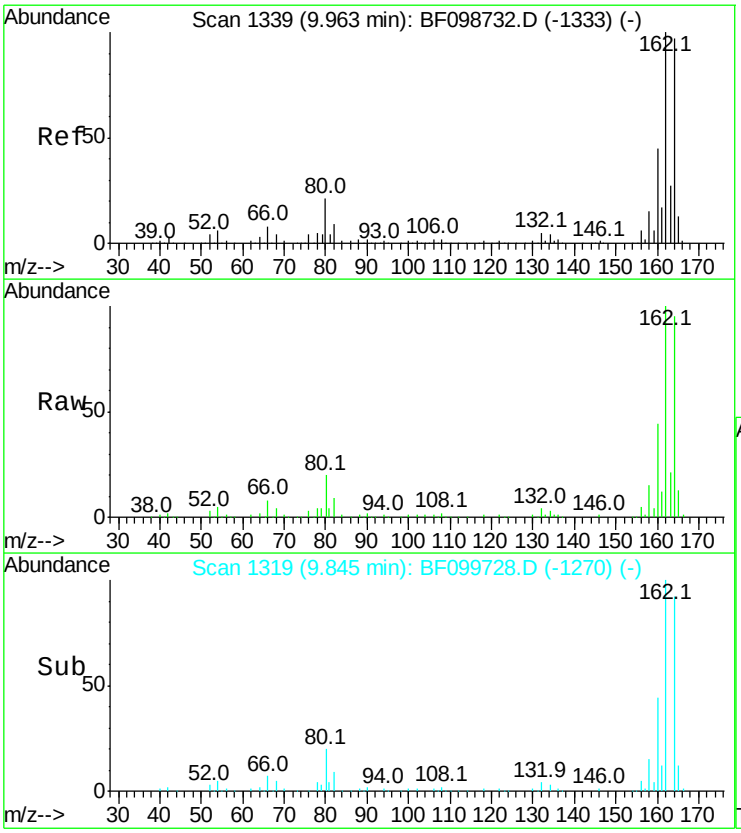
#25
Isophorone
Concen: 41.478 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.26 min
Lab File: BF099728.D
Acq: 21 Oct 2017 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 506850

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

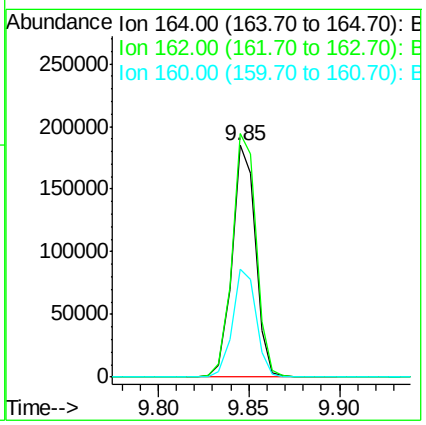


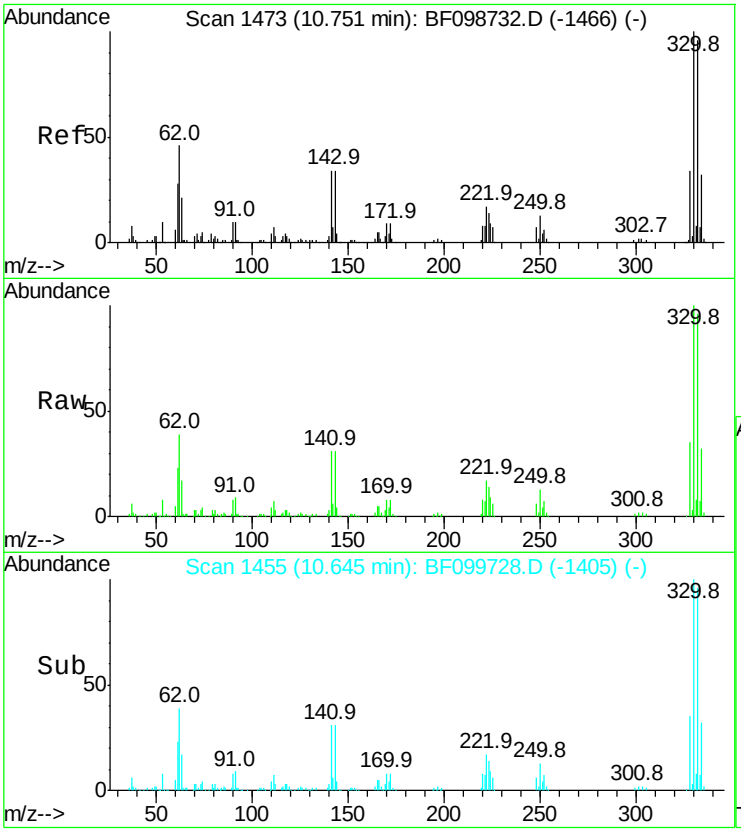


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF099728.D
Acq: 21 Oct 2017 15:26

Tgt Ion:164 Resp: 166424

Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	46.3	38.3	57.5



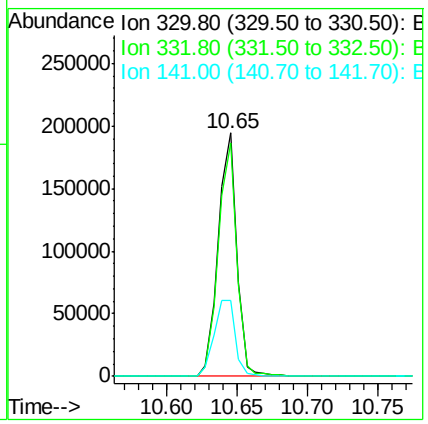


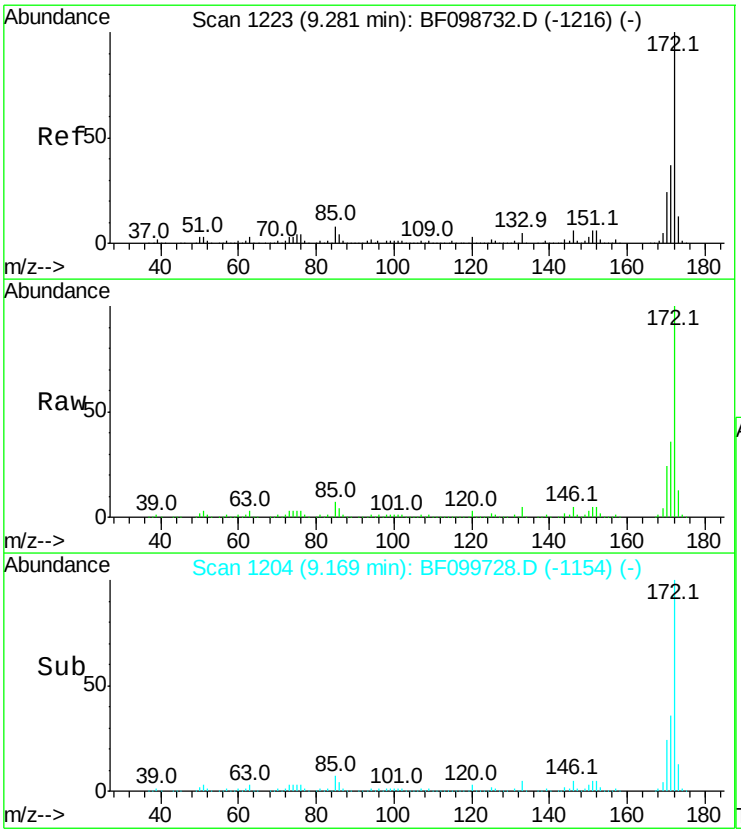
#41
2,4,6-Tribromophenol
Concen: 131.311 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF099728.D
Acq: 21 Oct 2017 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 178819

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	35.6	29.9	44.9

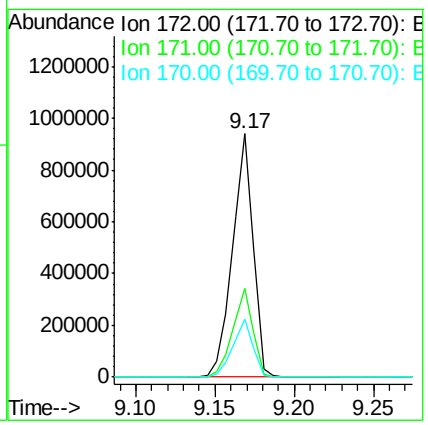


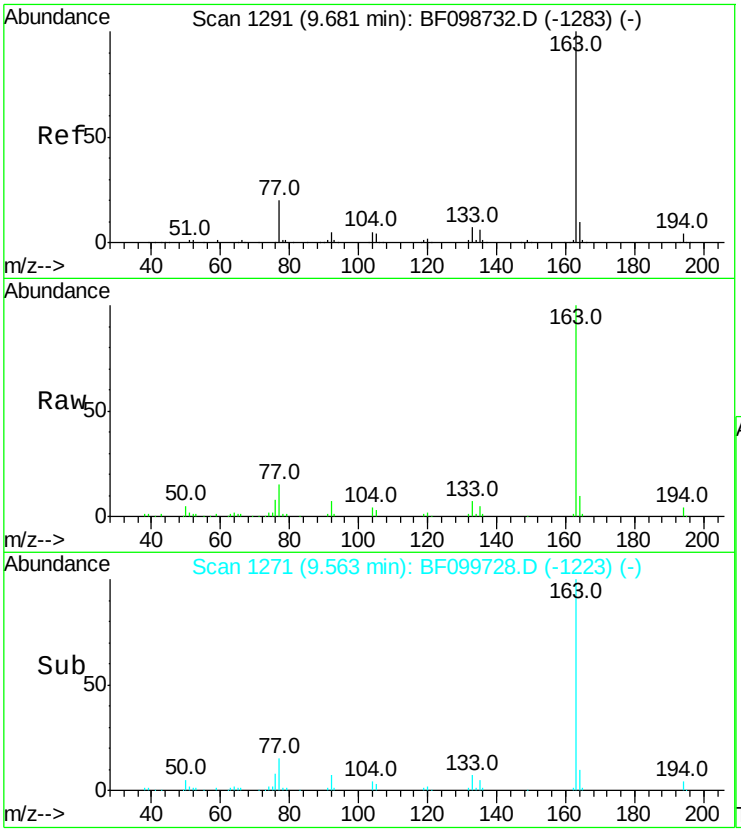


#44
2-Fluorobiphenyl
Concen: 85.354 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF099728.D
Acq: 21 Oct 2017 15:26

Tgt Ion:172 Resp: 850897

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.7	19.6	29.4



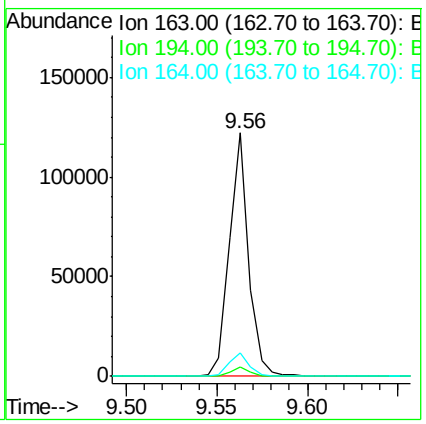


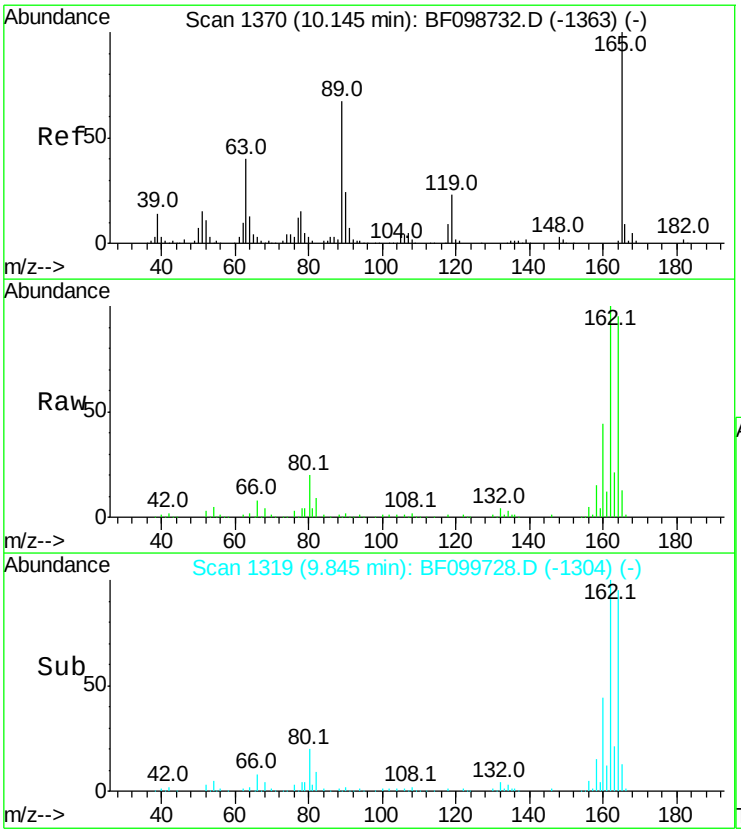
#49
Dimethylphthalate
Concen: 7.257 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF099728.D
Acq: 21 Oct 2017 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 91153

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.7	8.2	12.2

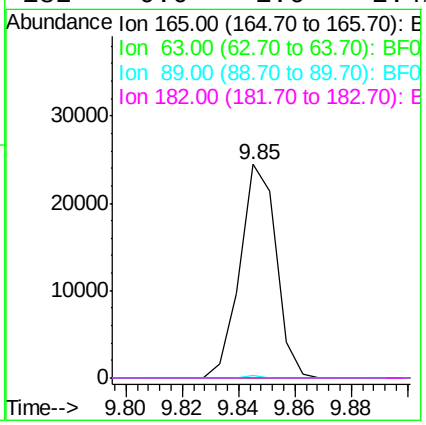


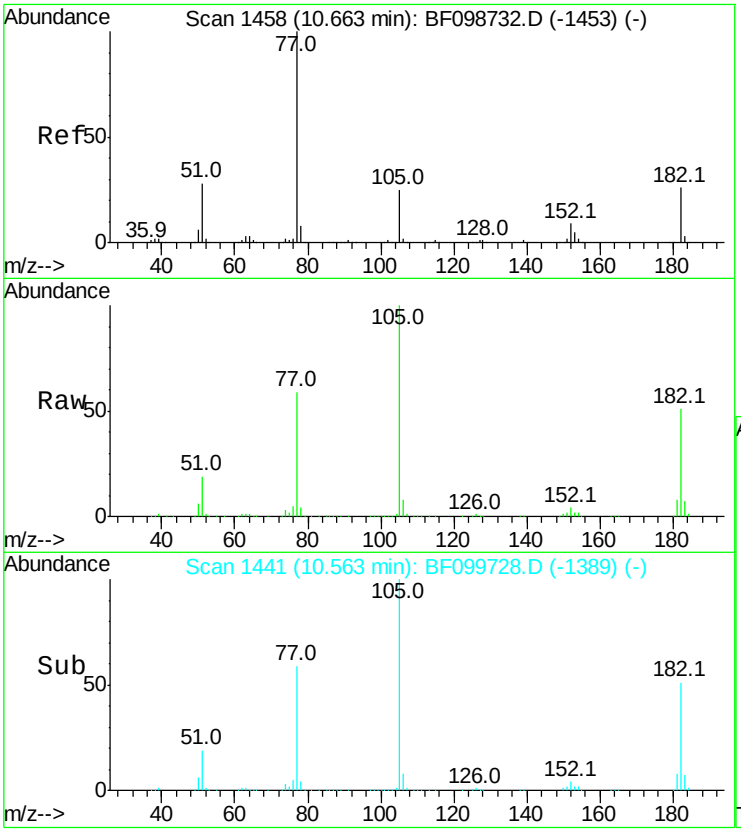


#56
2,4-Dinitrotoluene
Concen: 6.141 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.21 min
Lab File: BF099728.D
Acq: 21 Oct 2017 15:26

Tgt Ion:165 Resp: 21794

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



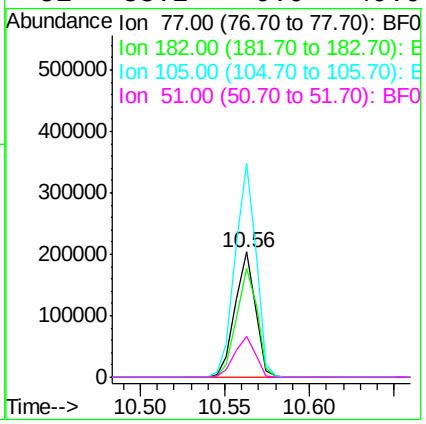


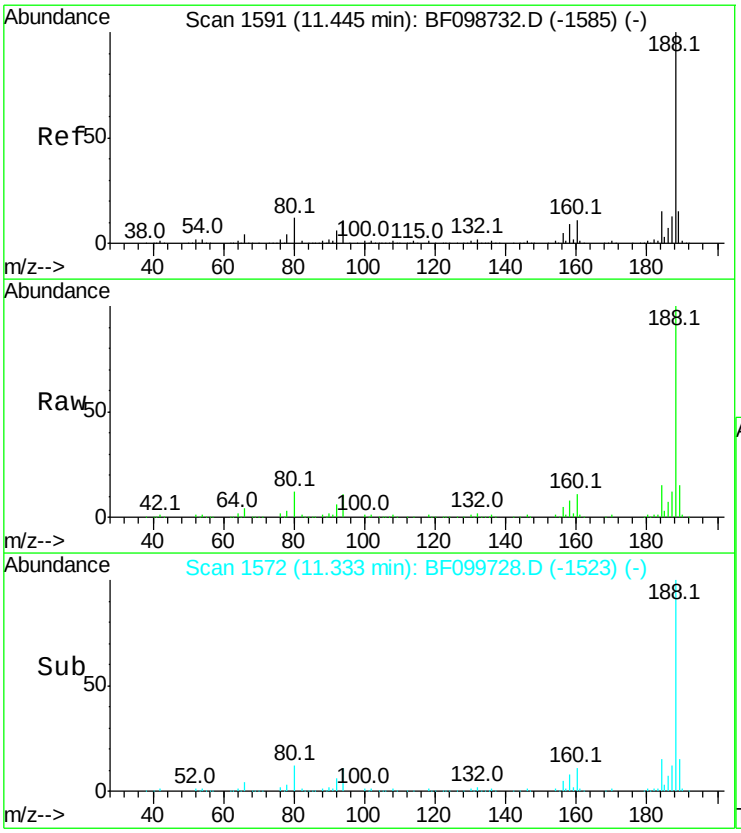
#62
Azobenzene
Concen: 15.154 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF099728.D
Acq: 21 Oct 2017 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 171012

Ion	Ratio	Lower	Upper
77	100		
182	87.1	1.7	41.7#
105	170.5	3.0	43.0#
51	33.2	9.9	49.9

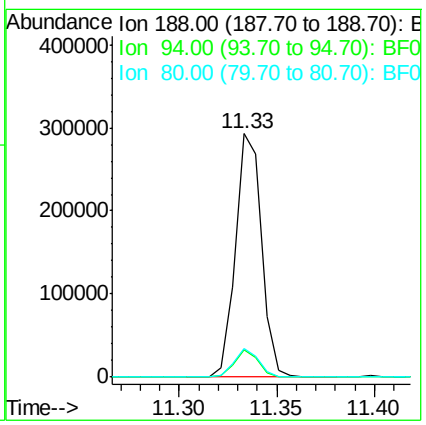


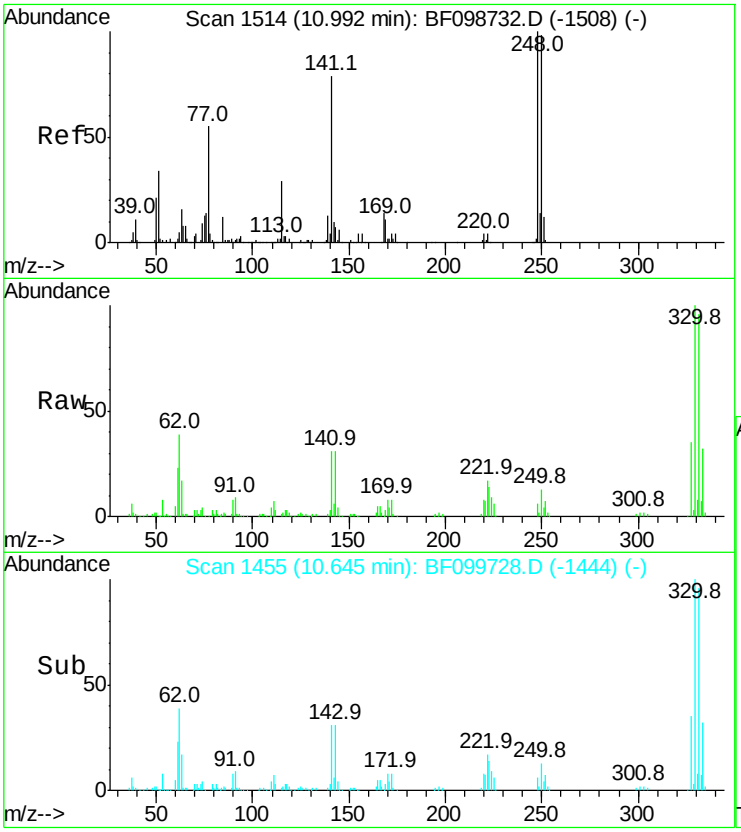


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF099728.D
Acq: 21 Oct 2017 15:26

Tgt Ion:188 Resp: 270779

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	11.8	9.2	13.8



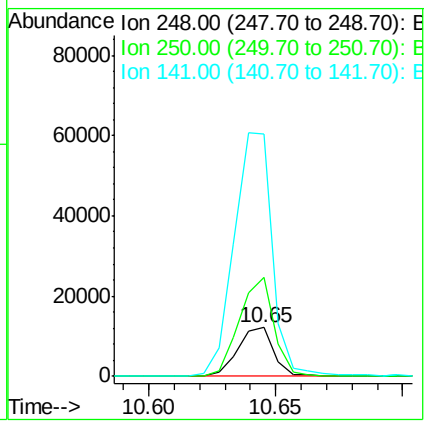


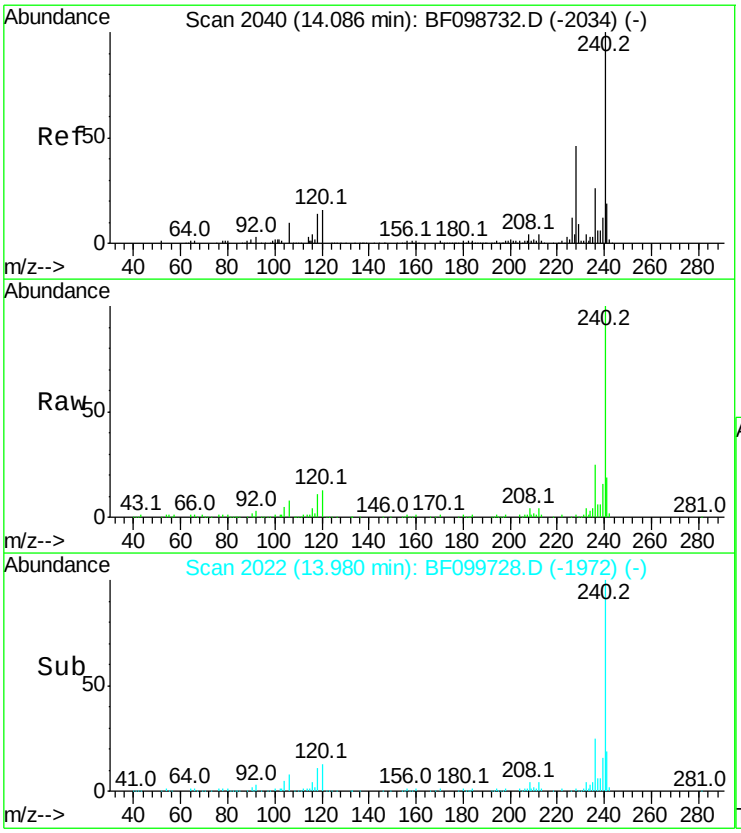
#66
4-Bromophenyl-phenylether
Concen: 4.493 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.24 min
Lab File: BF099728.D
Acq: 21 Oct 2017 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 11909

Ion	Ratio	Lower	Upper
248	100		
250	203.7	76.9	115.3#
141	499.2	74.4	111.6#

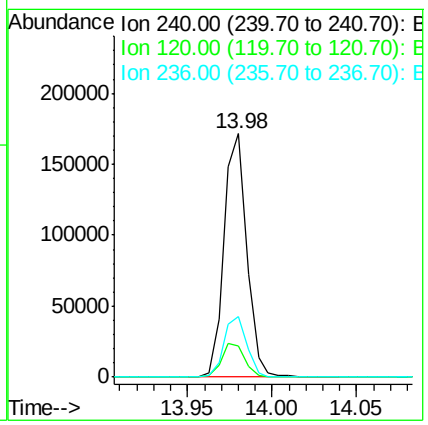


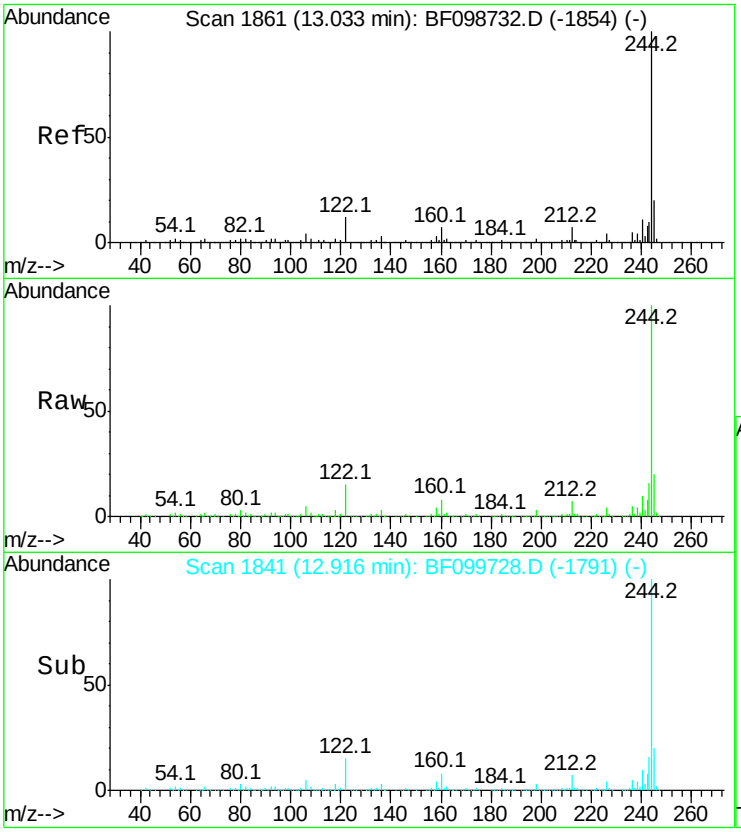


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099728.D
Acq: 21 Oct 2017 15:26

Tgt Ion:240 Resp: 161029

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.5	14.3
236	25.1	20.7	31.1



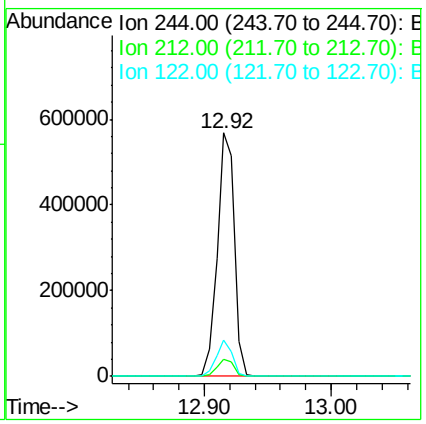


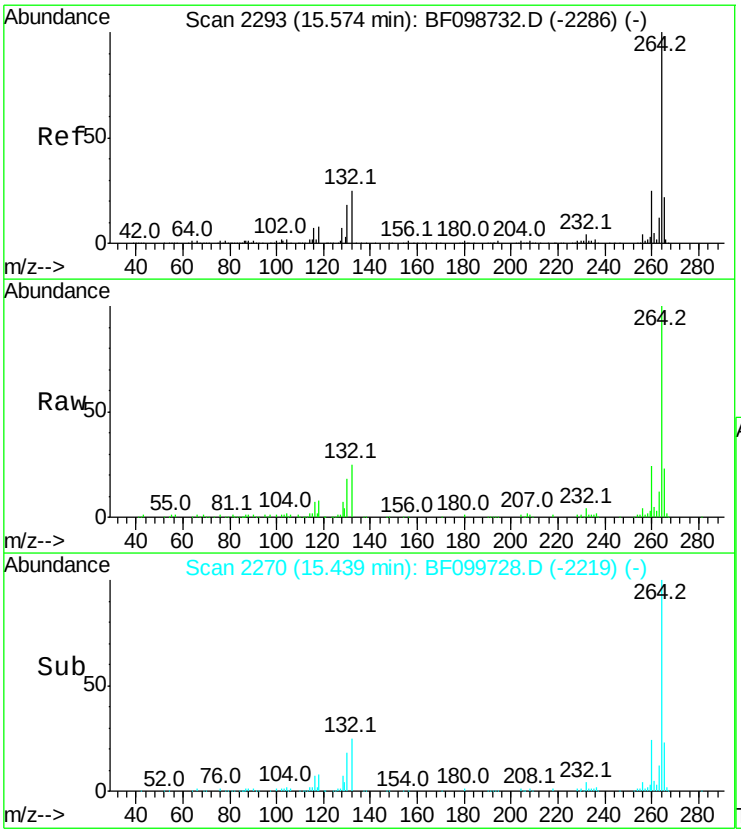
#78
Terphenyl-d14
Concen: 75.709 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF099728.D
Acq: 21 Oct 2017 15:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 536074

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	14.8	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF099728.D
Acq: 21 Oct 2017 15:26

Tgt Ion:264 Resp: 174049

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.6	17.5	26.3