Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101717\
Data File : BF099603.D
Acq On : 18 Oct 2017 1:26
Operator : SJ/JU
Sample : I5837-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20170685-FB

Quant Time: Oct 18 03:04:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 17 17:32:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	111331	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	454381	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	185012	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	292633	20.00	ng	0.00
75) Chrysene-d12	13.99	240	185425	20.00	ng	-0.01
86) Perylene-d12	15.45	264	125105	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	439600	62.86	ng	0.01
7) Phenol-d6	6.47	99	311438	36.10	ng	0.00
23) Nitrobenzene-d5	7.40	82	658683	92.96	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	187763	124.03	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1177063	106.21	ng	0.00
78) Terphenyl-d14	12.93	244	723223	88.70	ng	0.00
Target Compounds						Qvalue

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

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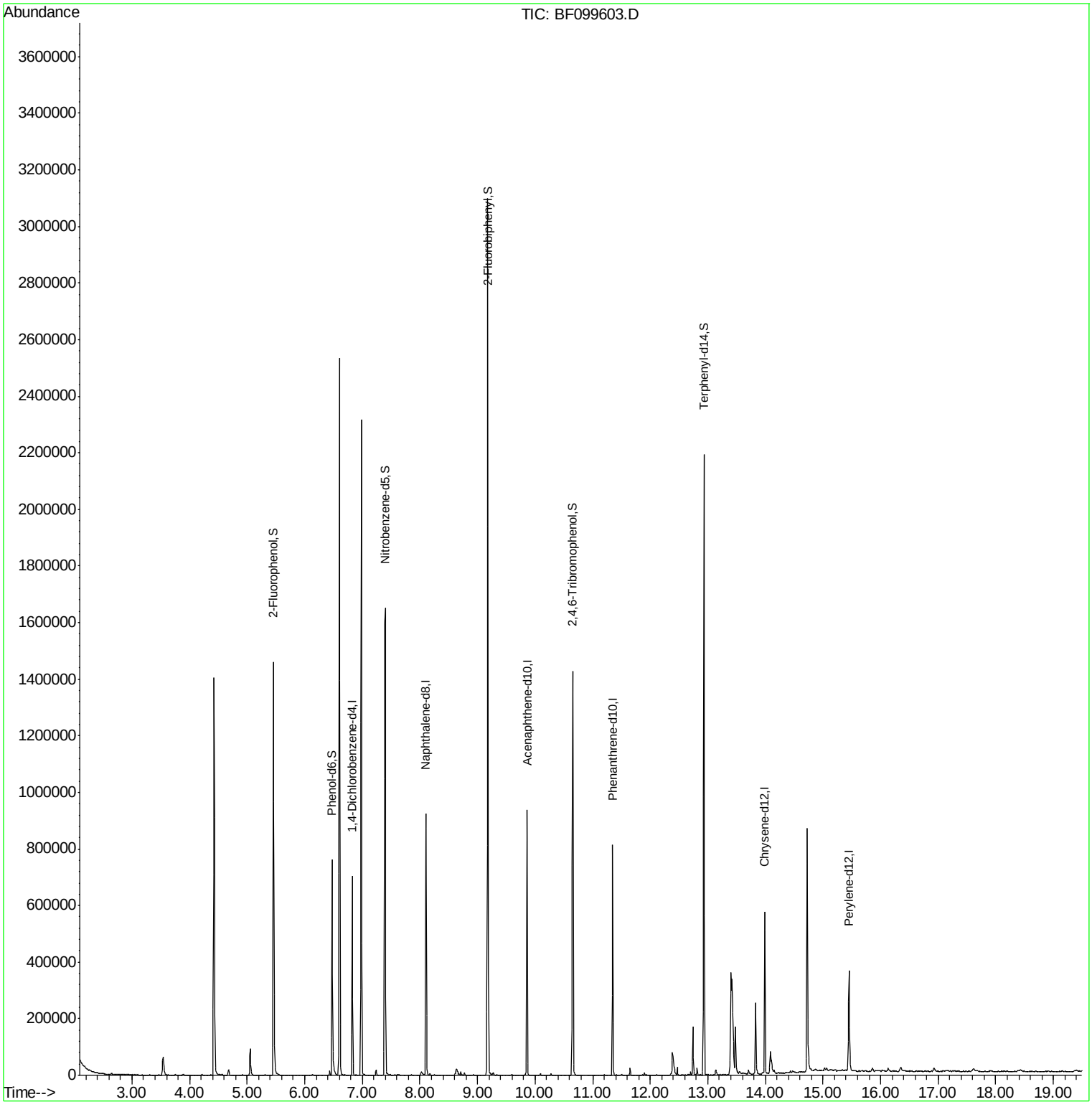
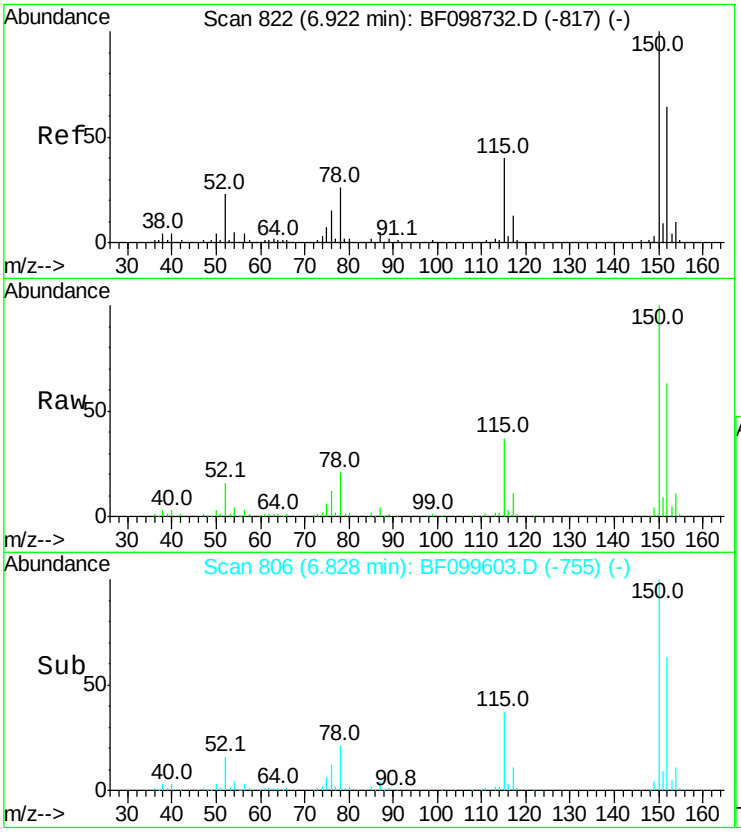


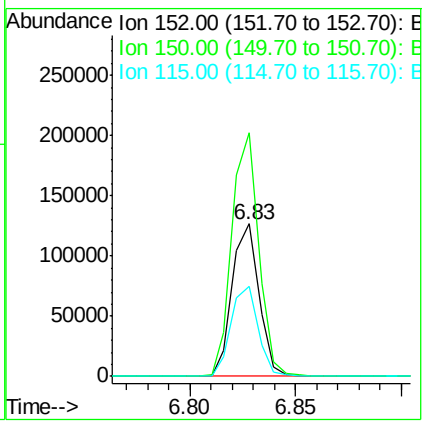


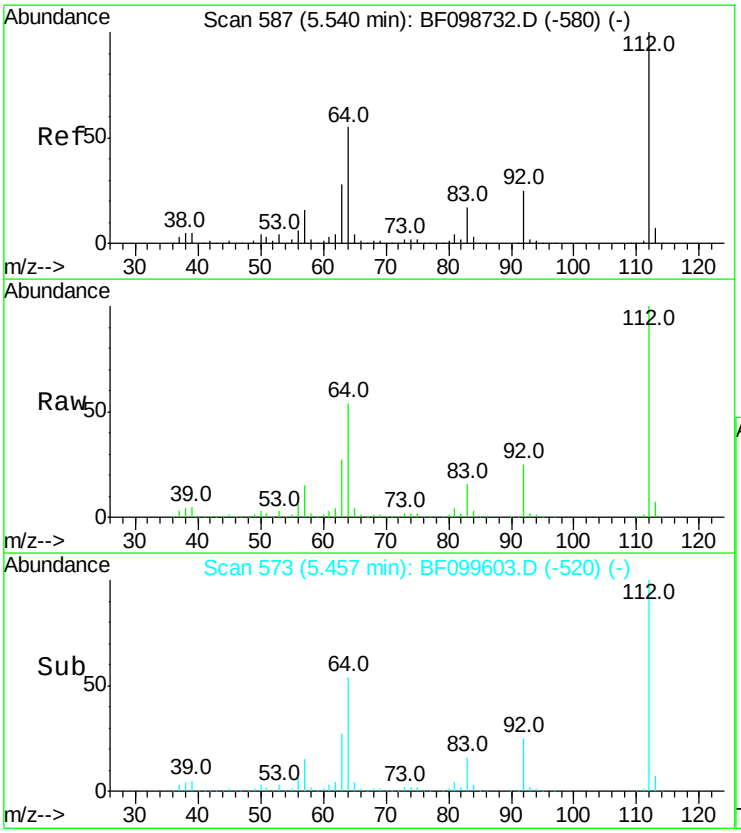
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF099603.D
Acq: 18 Oct 2017 1:26

Instrument :
BNA_F
ClientSampleId :
20170685-FB

Tgt Ion:152 Resp: 111331

Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.6	186.8
115	59.1	50.1	75.1

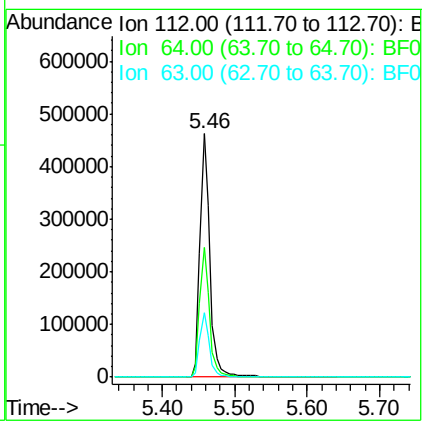


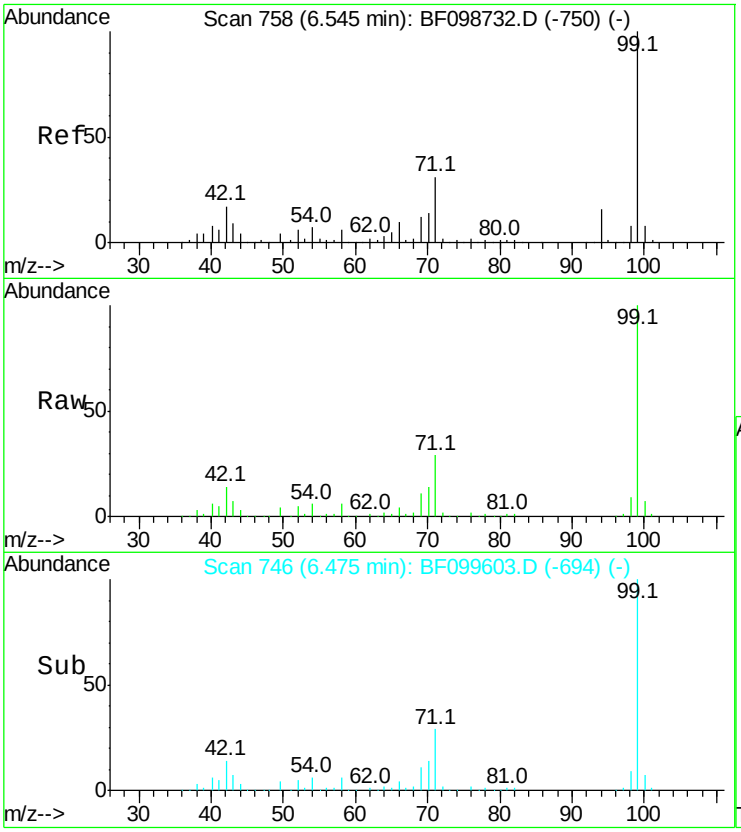


#5
2-Fluorophenol
Concen: 62.858 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF099603.D
Acq: 18 Oct 2017 1:26

Tgt Ion:112 Resp: 439600

Ion	Ratio	Lower	Upper
112	100		
64	53.5	47.9	71.9
63	26.6	23.7	35.5



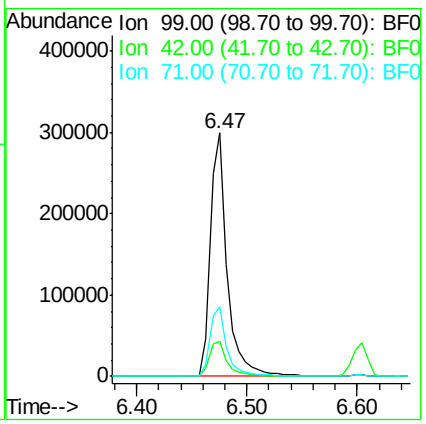


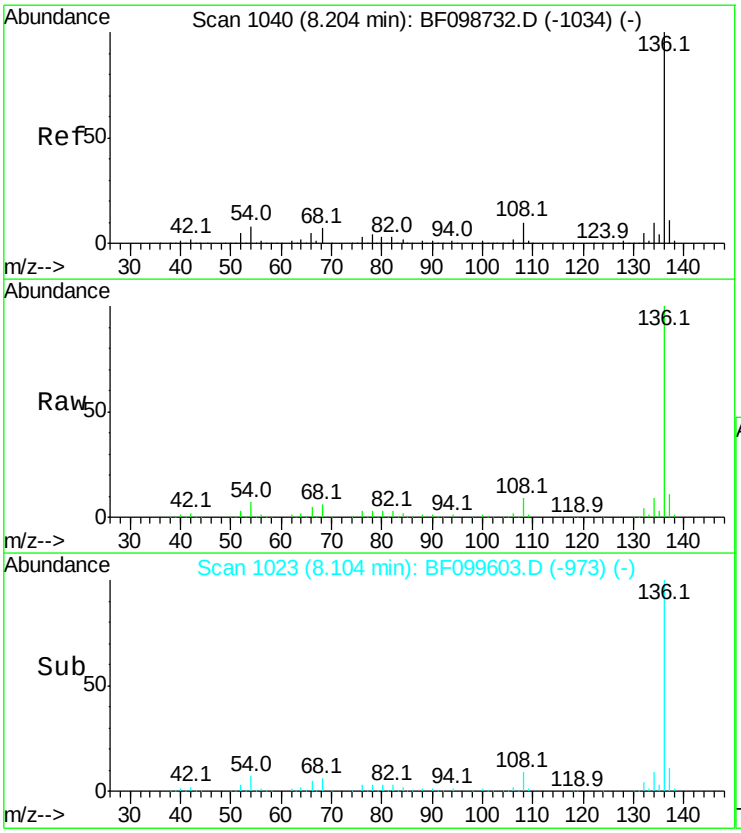
#7
Phenol-d6
Concen: 36.099 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.01 min
Lab File: BF099603.D
Acq: 18 Oct 2017 1:26

Instrument :
BNA_F
ClientSampleId :
20170685-FB

Tgt Ion: 99 Resp: 311438

Ion	Ratio	Lower	Upper
99	100		
42	14.1	14.5	21.7#
71	28.7	25.4	38.0

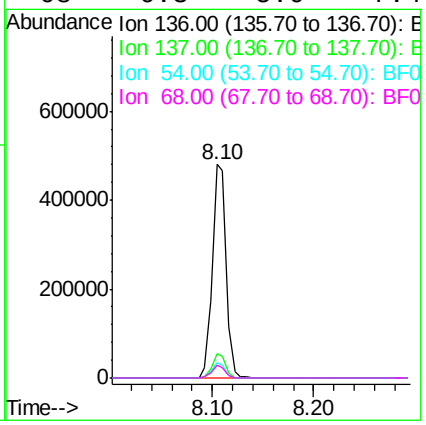


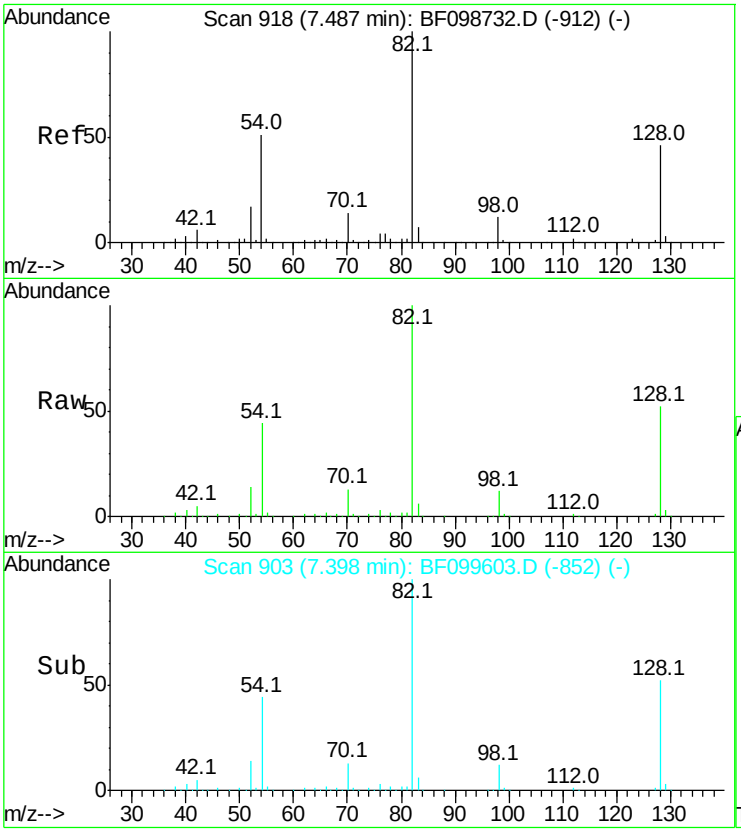


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF099603.D
Acq: 18 Oct 2017 1:26

Tgt Ion:136 Resp: 454381

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.4	6.6	9.8
68	6.3	5.0	7.4



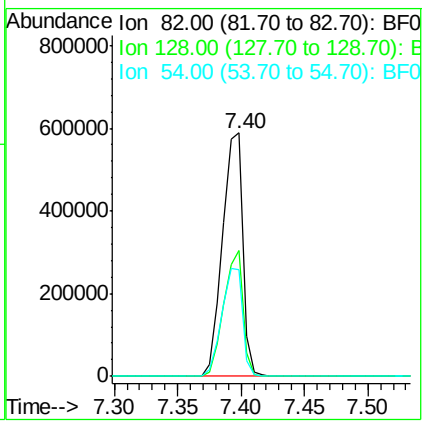


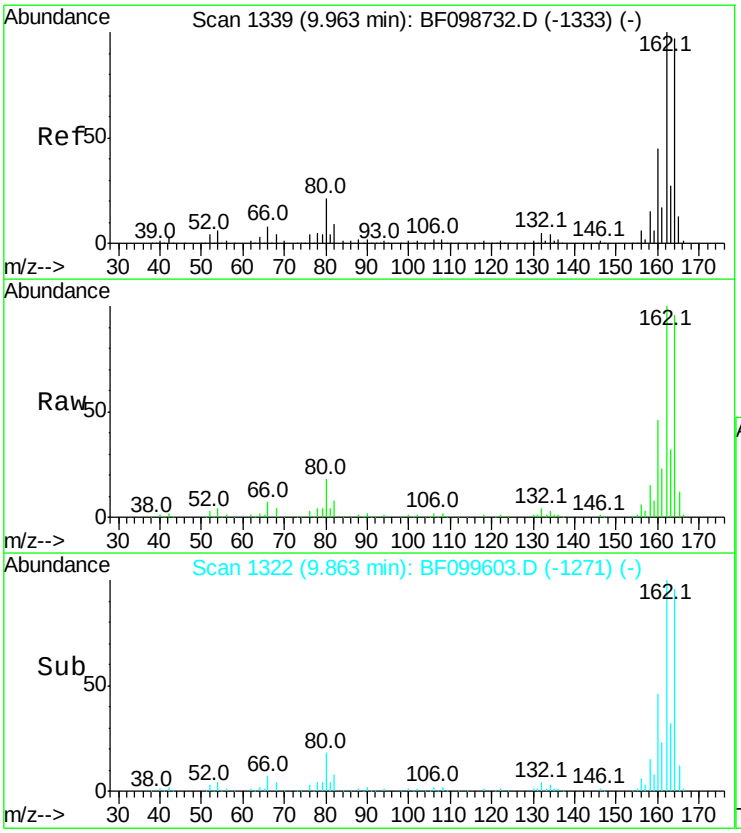
#23
Nitrobenzene-d5
Concen: 92.965 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF099603.D
Acq: 18 Oct 2017 1:26

Instrument :
BNA_F
ClientSampleId :
20170685-FB

Tgt Ion: 82 Resp: 658683

Ion	Ratio	Lower	Upper
82	100		
128	51.7	36.1	54.1
54	43.7	41.4	62.2

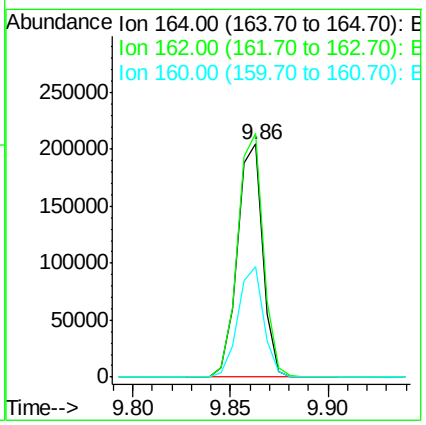


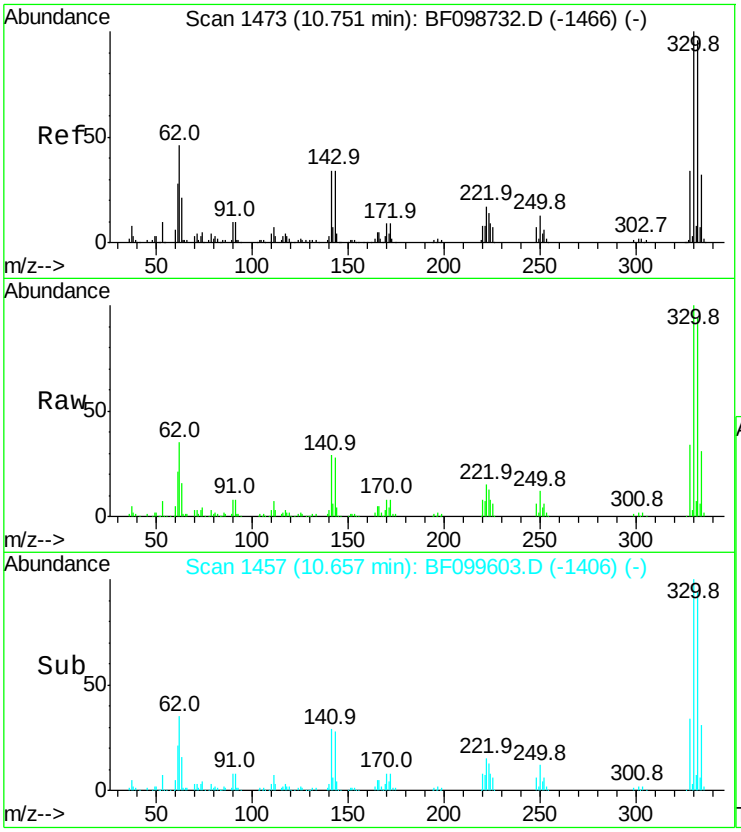


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF099603.D
Acq: 18 Oct 2017 1:26

Tgt Ion:164 Resp: 185012

Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	47.6	38.3	57.5



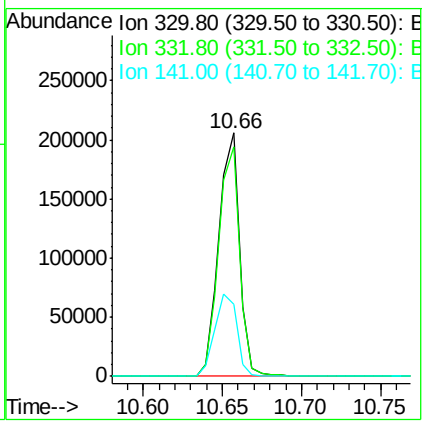


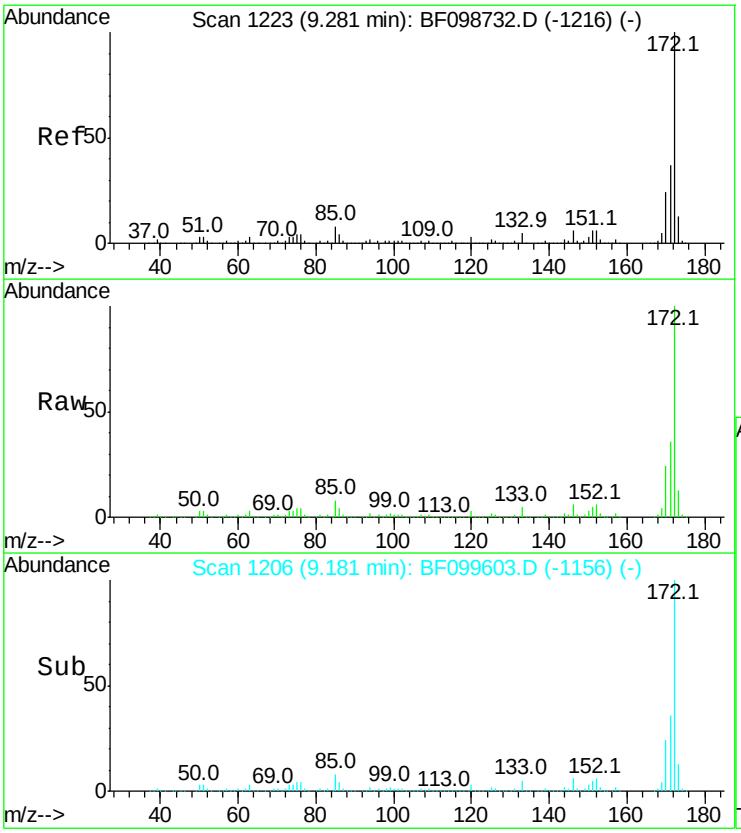
#41
2,4,6-Tribromophenol
Concen: 124.026 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BF099603.D
Acq: 18 Oct 2017 1:26

Instrument :
BNA_F
ClientSampleId :
20170685-FB

Tgt Ion:330 Resp: 187763

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	36.3	29.9	44.9

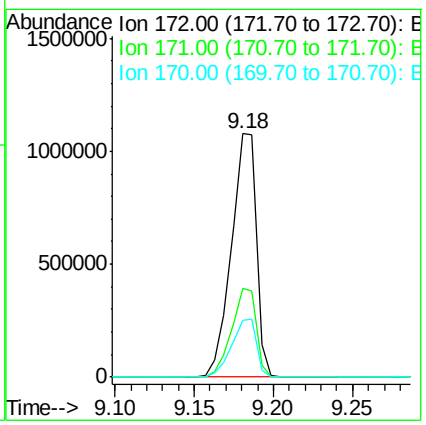


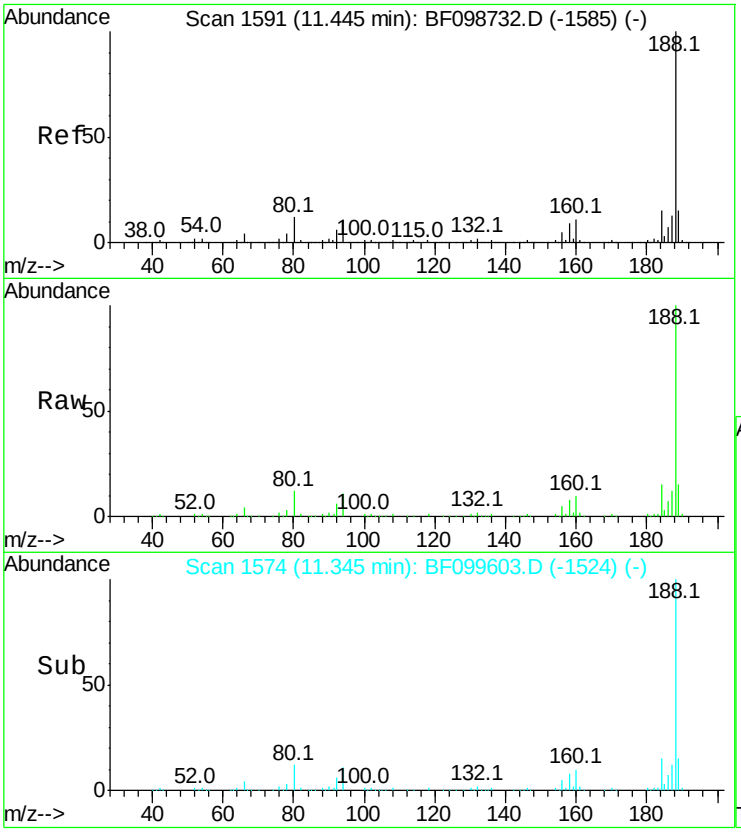


#44
2-Fluorobiphenyl
Concen: 106.210 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF099603.D
Acq: 18 Oct 2017 1:26

Tgt Ion:172 Resp: 1177063

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.5	19.6	29.4



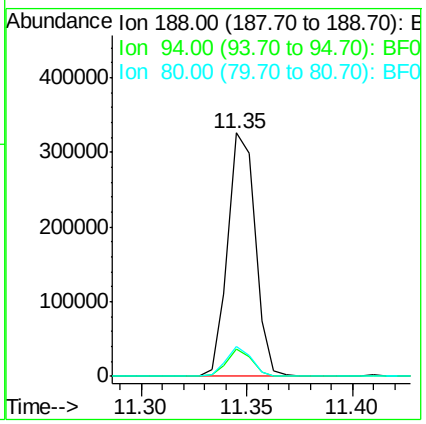


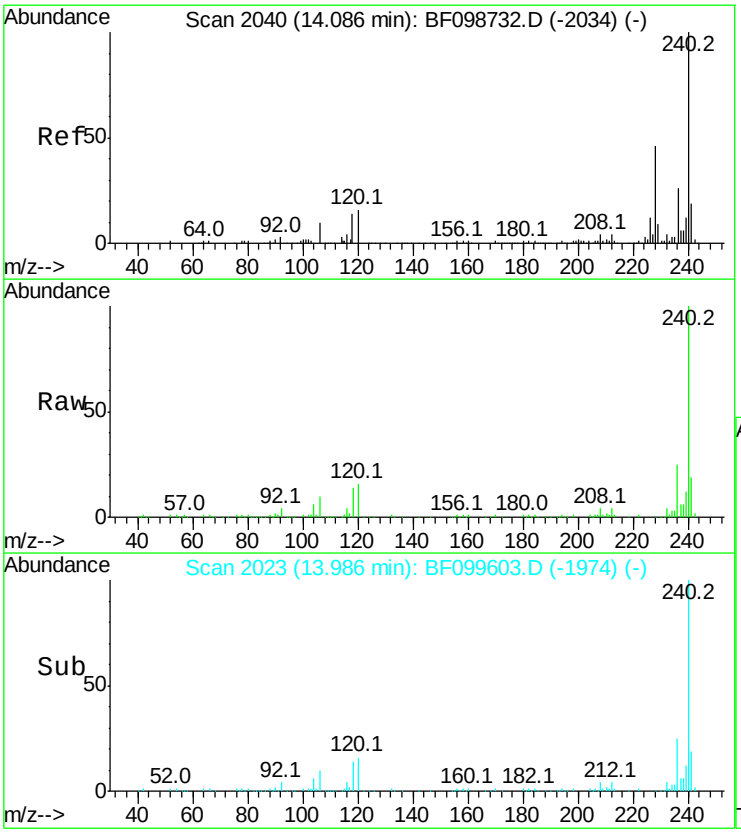
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF099603.D
Acq: 18 Oct 2017 1:26

Instrument :
BNA_F
ClientSampleId :
20170685-FB

Tgt Ion:188 Resp: 292633

Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.5	12.7
80	12.4	9.2	13.8

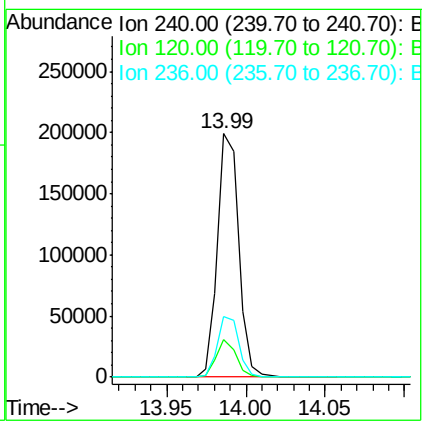


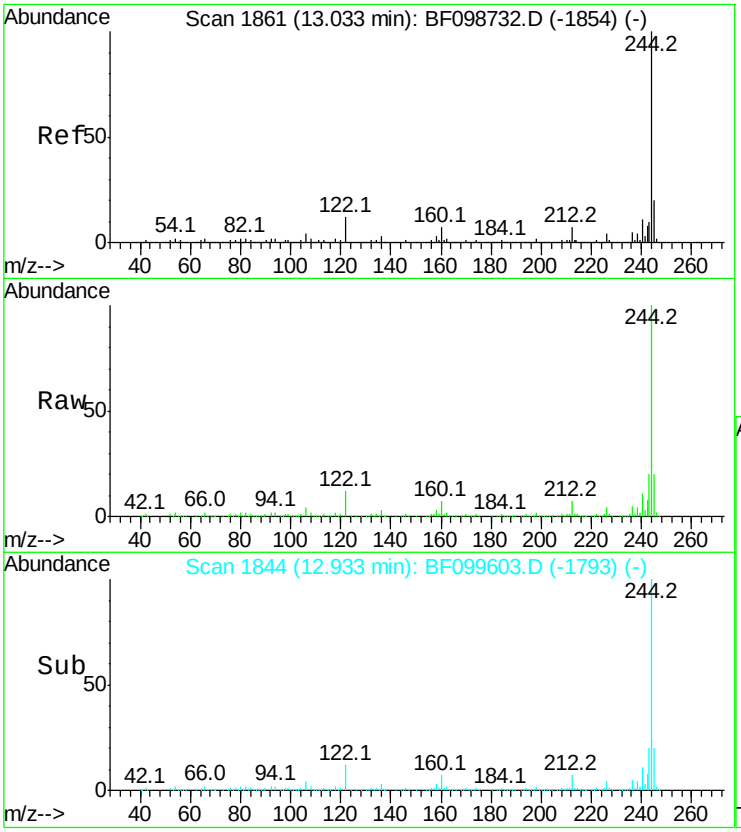


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF099603.D
Acq: 18 Oct 2017 1:26

Tgt Ion:240 Resp: 185425

Ion	Ratio	Lower	Upper
240	100		
120	15.6	9.5	14.3#
236	25.1	20.7	31.1



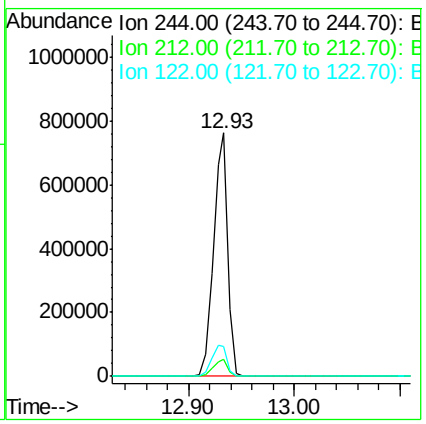


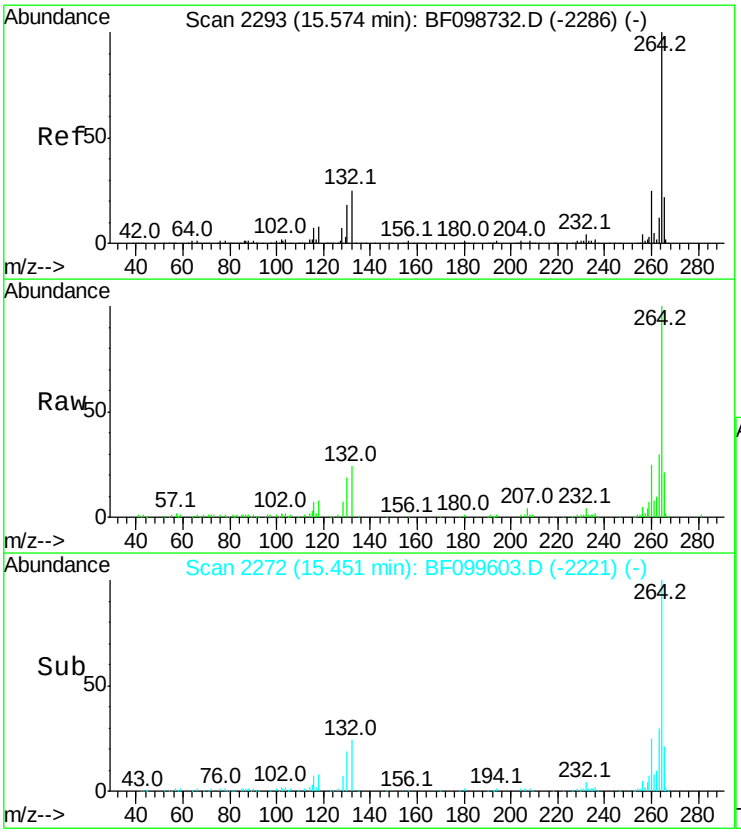
#78
Terphenyl-d14
Concen: 88.702 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF099603.D
Acq: 18 Oct 2017 1:26

Instrument :
BNA_F
ClientSampleId :
20170685-FB

Tgt Ion:244 Resp: 723223

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.5	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.00 min
Lab File: BF099603.D
Acq: 18 Oct 2017 1:26

Tgt Ion:264 Resp: 125105

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.2	28.8
265	20.6	17.5	26.3