Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
Data File : BF099942.D
Acq On : 29 Oct 2017 4:40
Operator : SJ/JU
Sample : I6059-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 101817-TIDO-F-D-B

Quant Time: Oct 30 05:17:04 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	107568	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	418605	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	172507	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	244275	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	182719	20.00	ng	-0.03
86) Perylene-d12	15.42	264	176595	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	279073	40.73	ng	0.00
7) Phenol-d6	6.43	99	237924	29.29	ng	-0.01
23) Nitrobenzene-d5	7.36	82	568047	87.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	98737	62.81	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	1058940	94.71	ng	-0.01
78) Terphenyl-d14	12.90	244	688979	82.40	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.45	94	24522	2.749	ng	93
49) Dimethylphthalate	9.54	163	70322	5.148	ng	99
51) Acenaphthene	9.86	154	30597	2.869	ng	96
70) Phenanthrene	11.34	178	70812	5.137	ng	96

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

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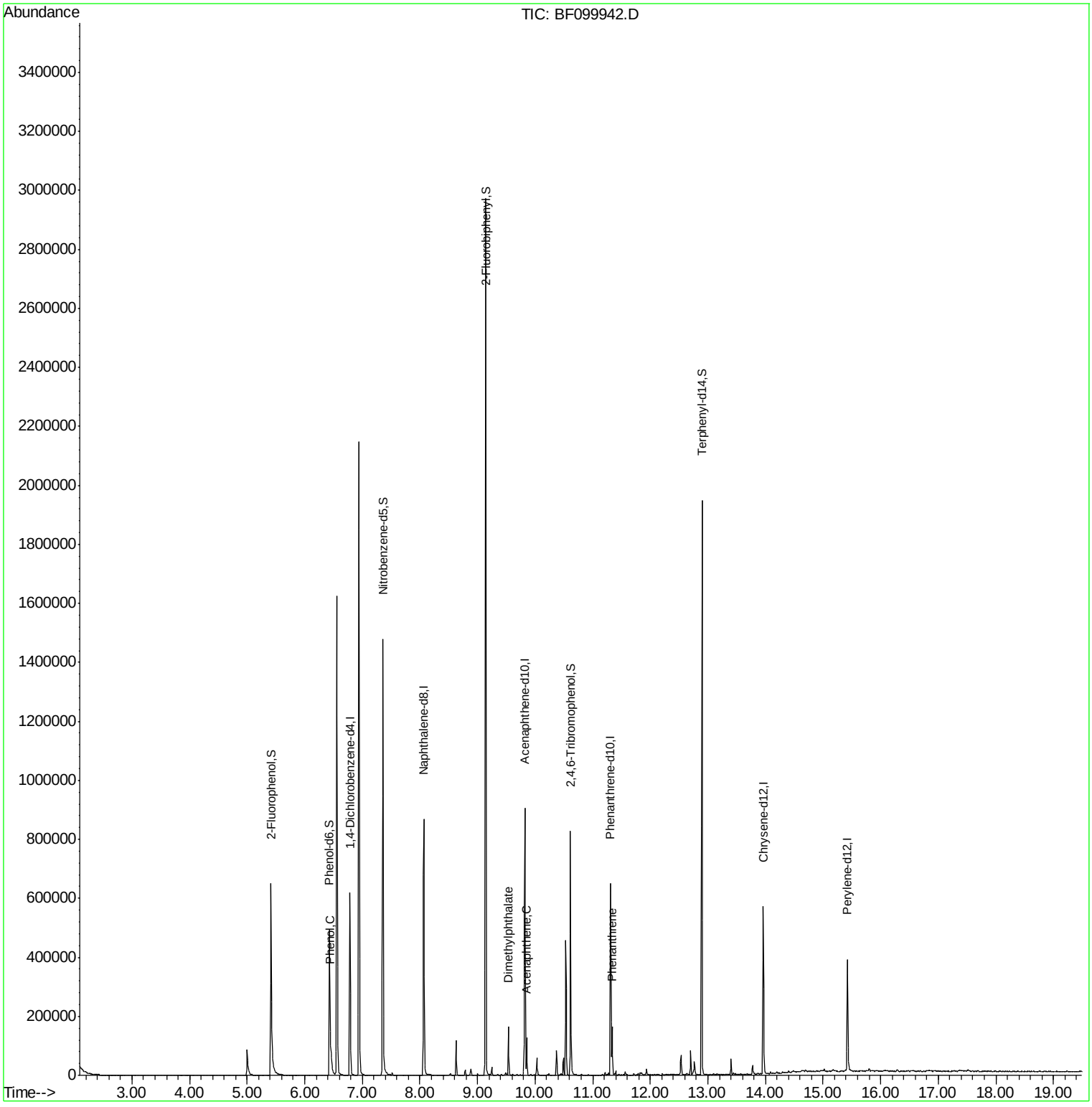
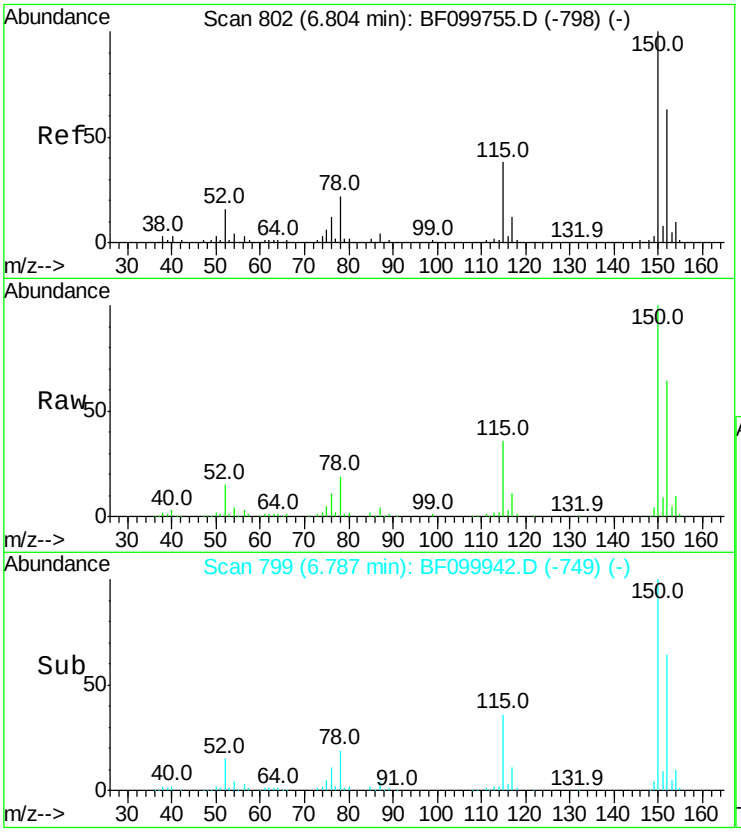


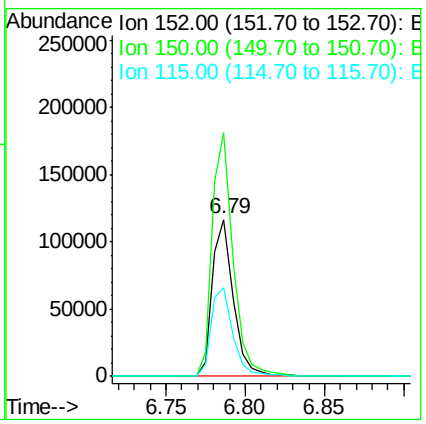


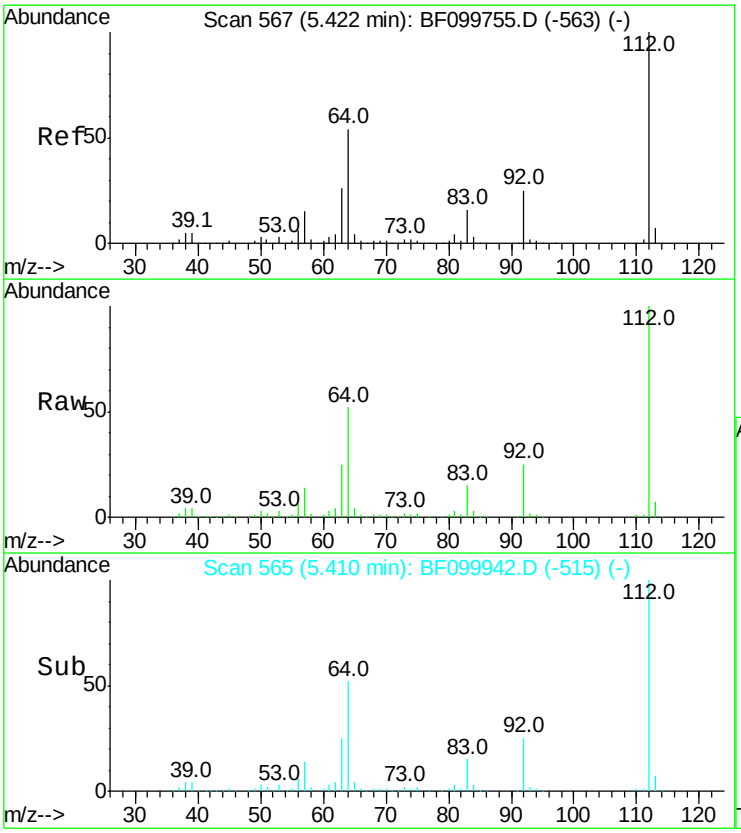
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099942.D
Acq: 29 Oct 2017 4:40

Instrument :
BNA_F
ClientSampleId :
101817-TIDO-F-D-B

Tgt Ion:152 Resp: 107568

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	56.6	50.1	75.1

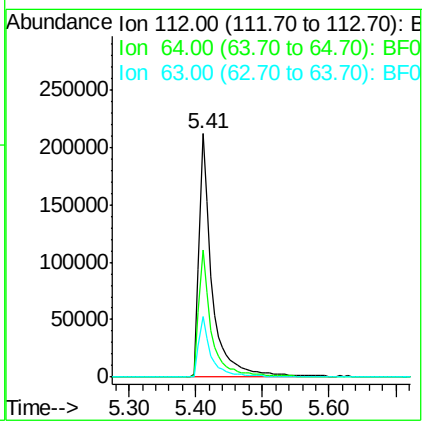


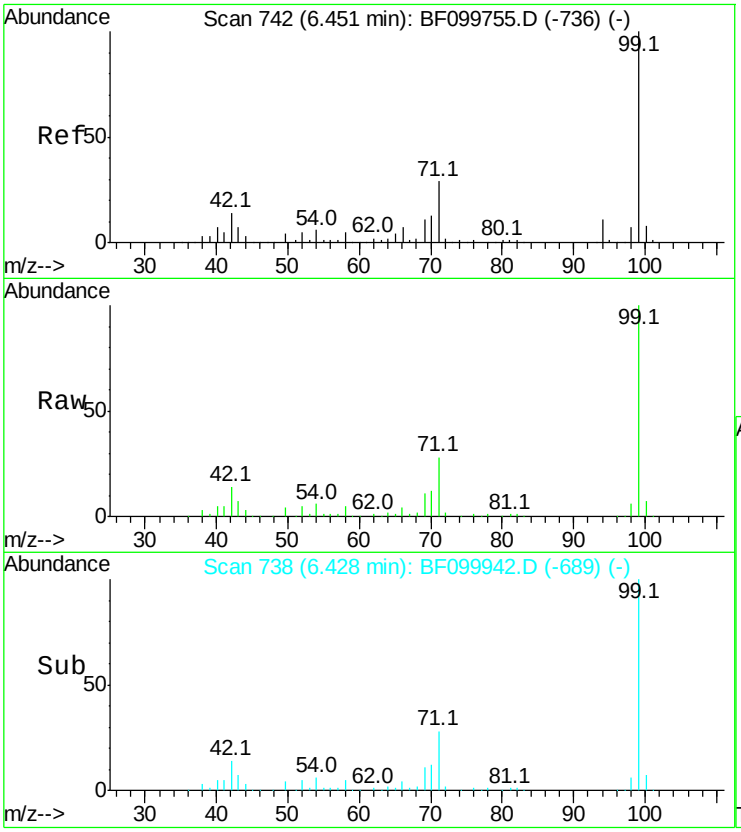


#5
2-Fluorophenol
Concen: 40.731 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF099942.D
Acq: 29 Oct 2017 4:40

Tgt Ion:112 Resp: 279073

Ion	Ratio	Lower	Upper
112	100		
64	52.0	47.9	71.9
63	25.1	23.7	35.5



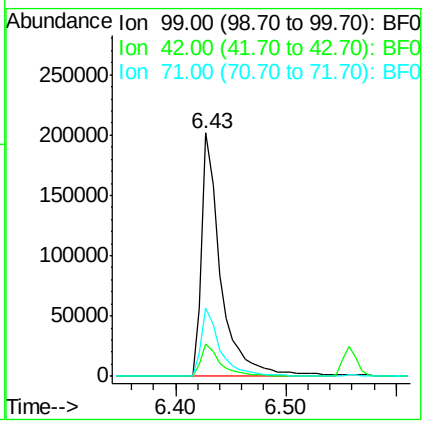


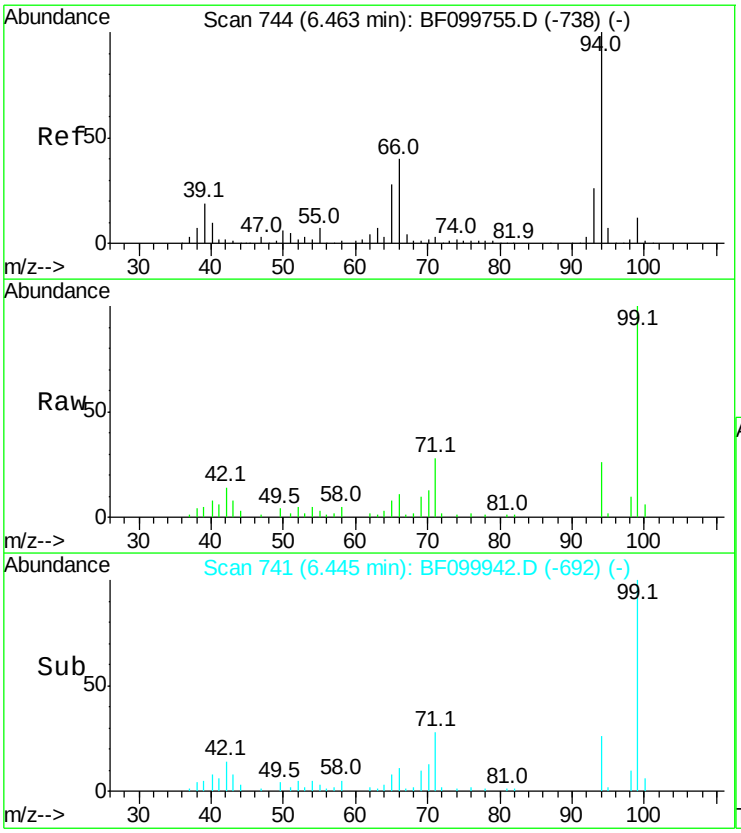
#7
Phenol-d6
Concen: 29.286 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF099942.D
Acq: 29 Oct 2017 4:40

Instrument :
BNA_F
ClientSampleId :
101817-TIDO-F-D-B

Tgt Ion: 99 Resp: 237924

Ion	Ratio	Lower	Upper
99	100		
42	13.6	14.5	21.7#
71	27.8	25.4	38.0

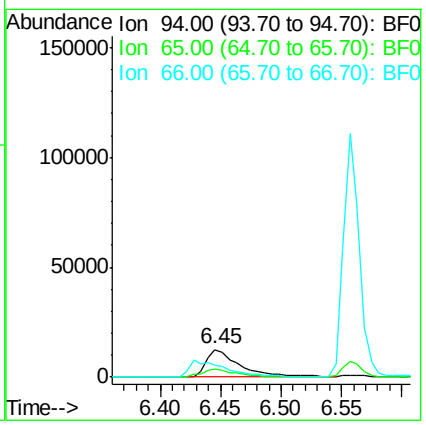


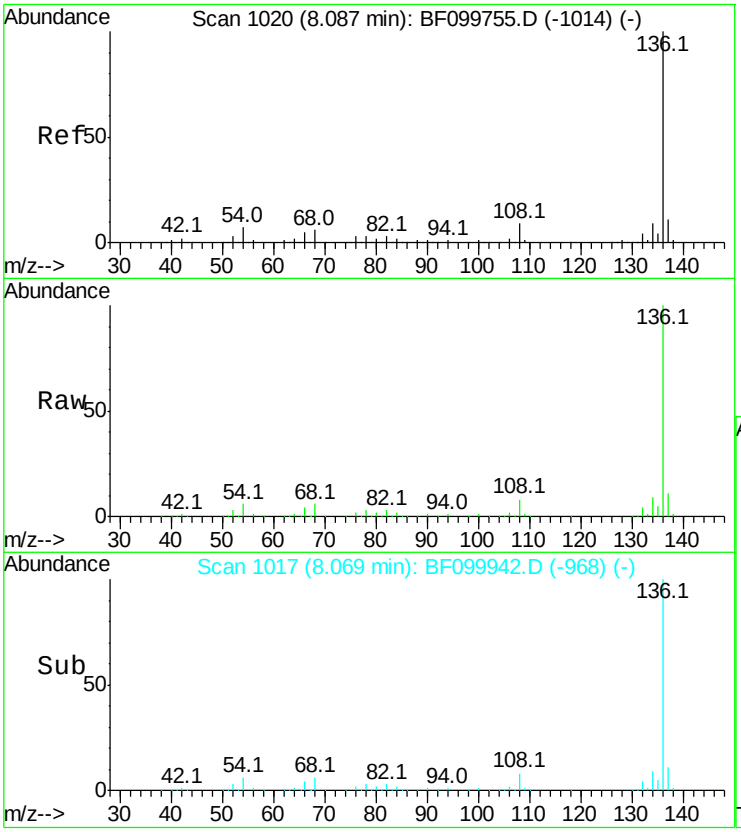


#10
Phenol
Concen: 2.749 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF099942.D
Acq: 29 Oct 2017 4:40

Tgt Ion: 94 Resp: 24522

Ion	Ratio	Lower	Upper
94	100		
65	29.6	7.9	47.9
66	42.5	16.2	56.2



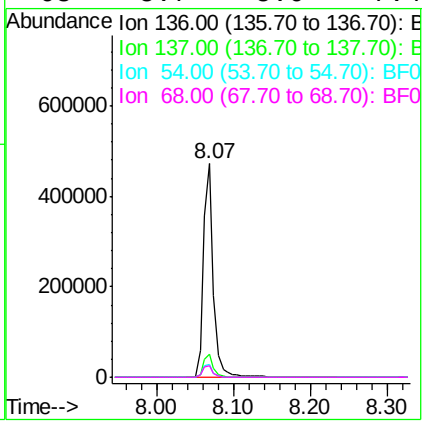


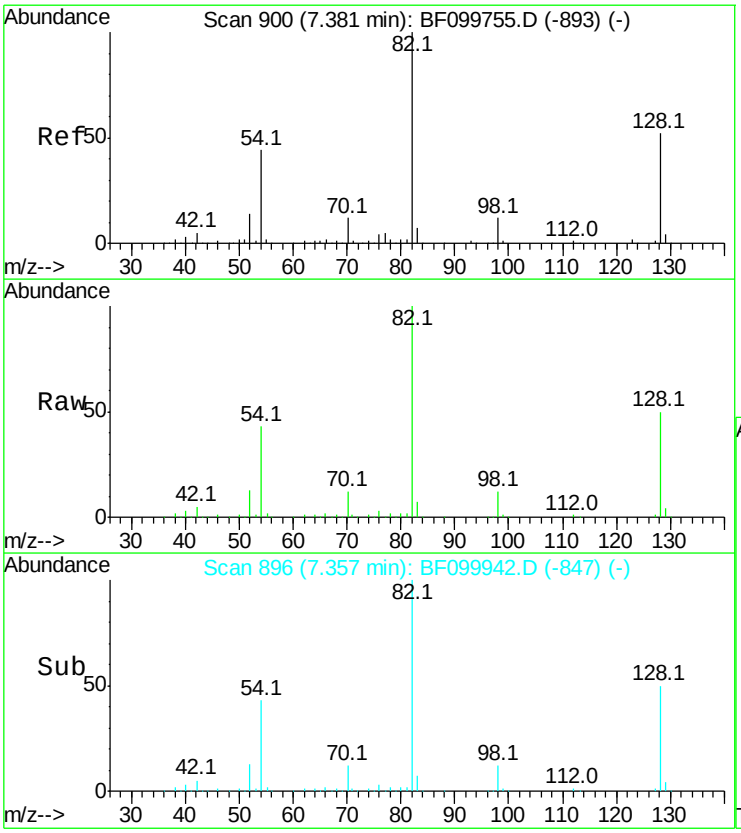
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099942.D
Acq: 29 Oct 2017 4:40

Instrument :
BNA_F
ClientSampleId :
101817-TIDO-F-D-B

Tgt Ion:136 Resp: 418605

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.0	6.6	9.8#
68	5.7	5.0	7.4

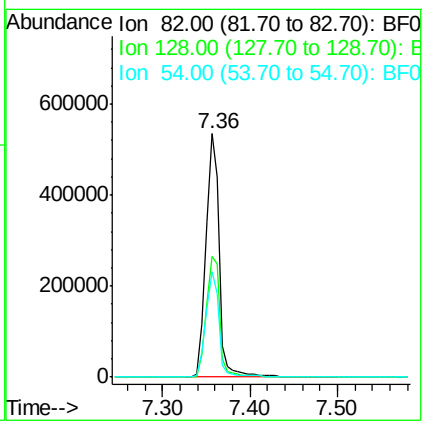


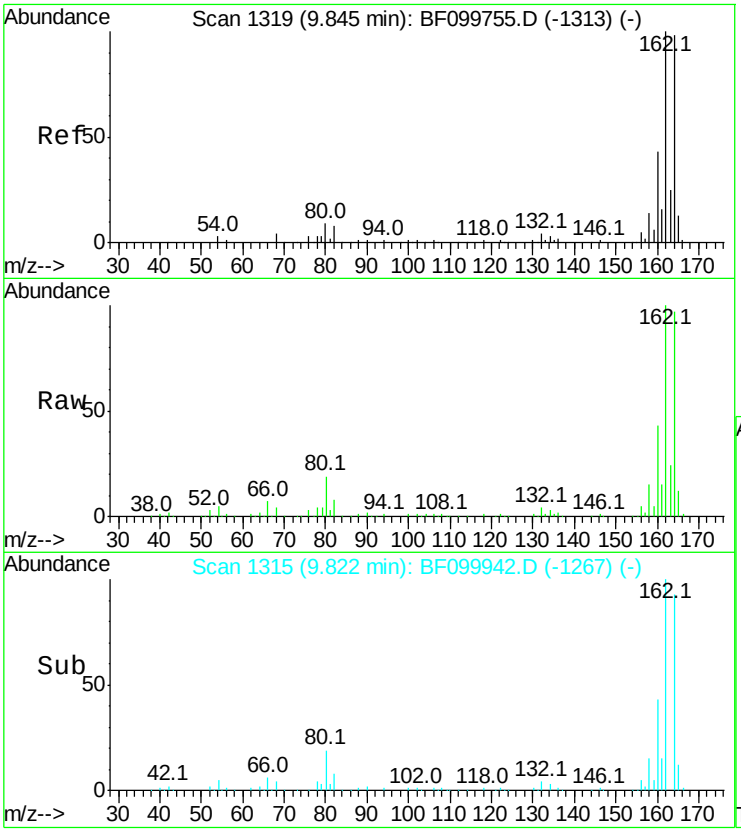


#23
Nitrobenzene-d5
Concen: 87.364 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099942.D
Acq: 29 Oct 2017 4:40

Tgt Ion: 82 Resp: 568047

Ion	Ratio	Lower	Upper
82	100		
128	49.6	36.1	54.1
54	43.2	41.4	62.2



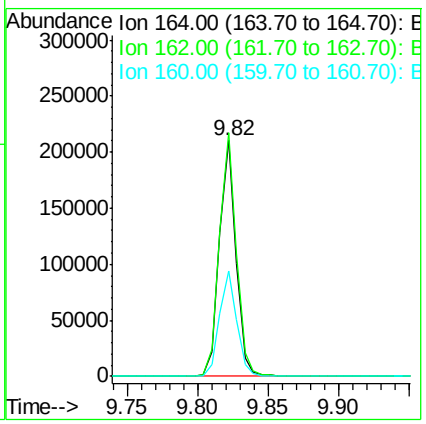


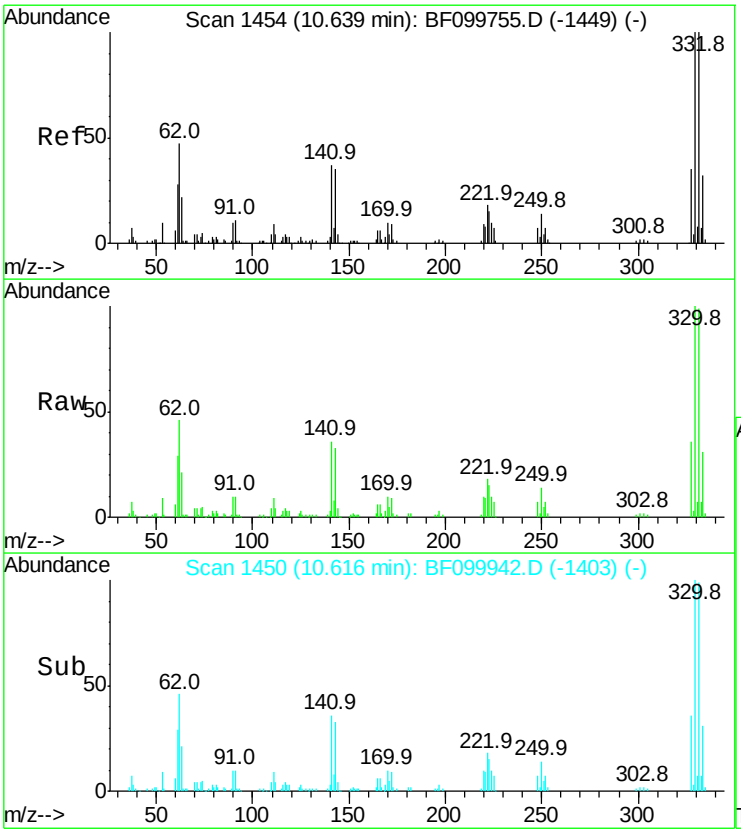
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF099942.D
Acq: 29 Oct 2017 4:40

Instrument :
BNA_F
ClientSampleId :
101817-TIDO-F-D-B

Tgt Ion:164 Resp: 172507

Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	44.8	38.3	57.5

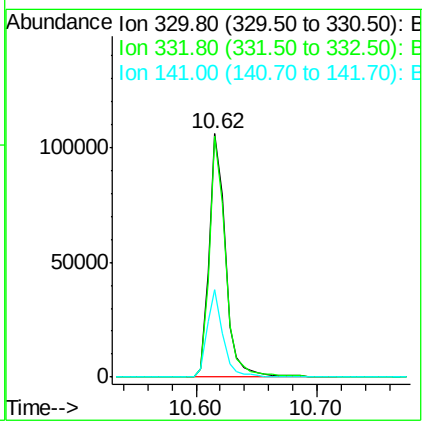


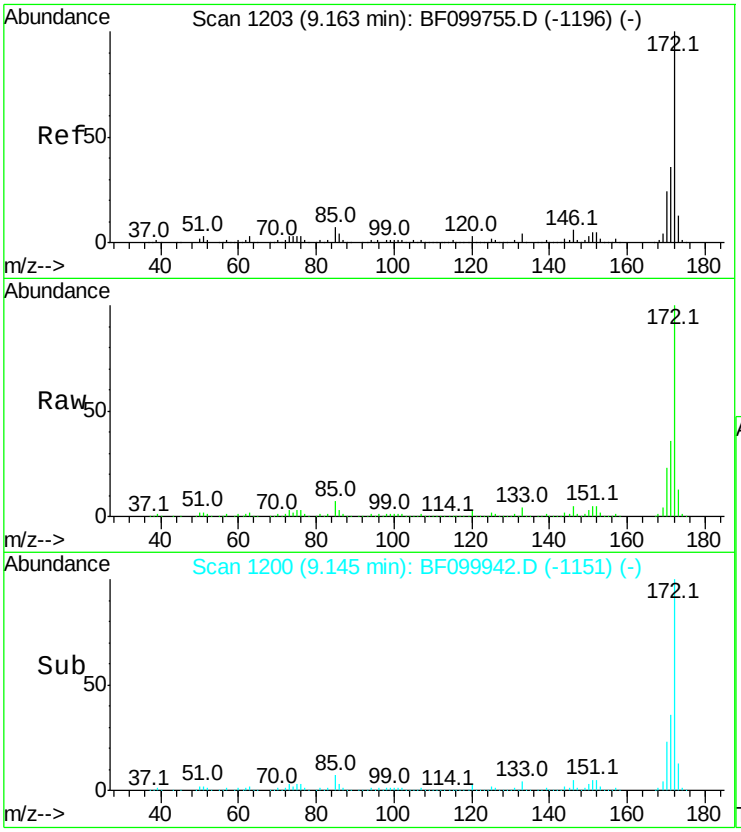


#41
2,4,6-Tribromophenol
Concen: 62.806 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.02 min
Lab File: BF099942.D
Acq: 29 Oct 2017 4:40

Tgt Ion:330 Resp: 98737

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	34.9	29.9	44.9



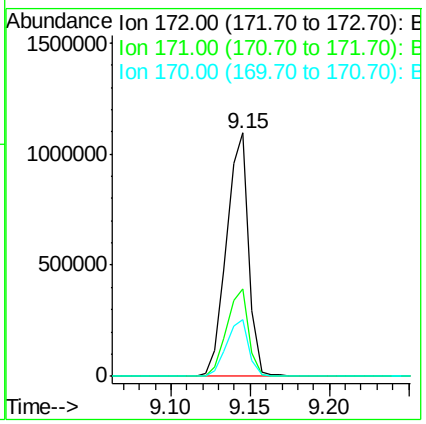


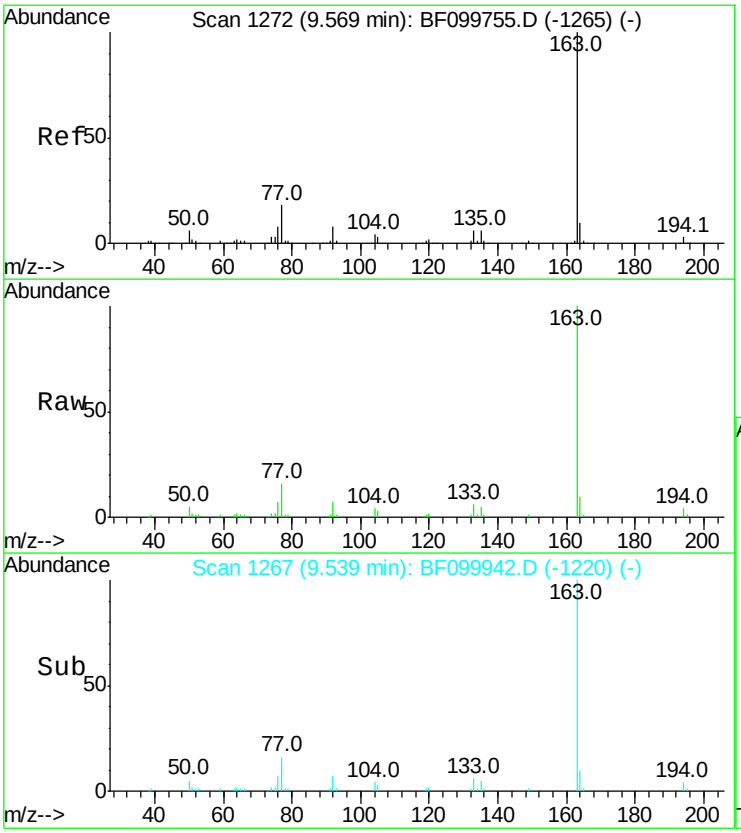
#44
2-Fluorobiphenyl
Concen: 94.708 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF099942.D
Acq: 29 Oct 2017 4:40

Instrument :
BNA_F
ClientSampleId :
101817-TIDO-F-D-B

Tgt Ion:172 Resp: 1058940

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.4	19.6	29.4

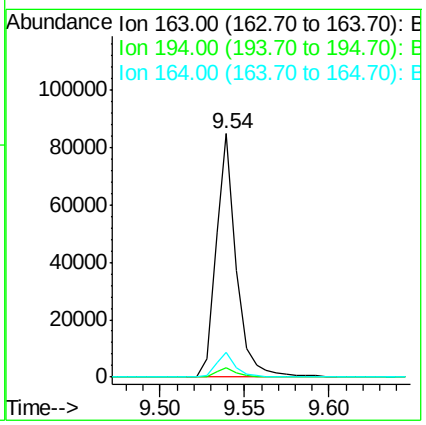


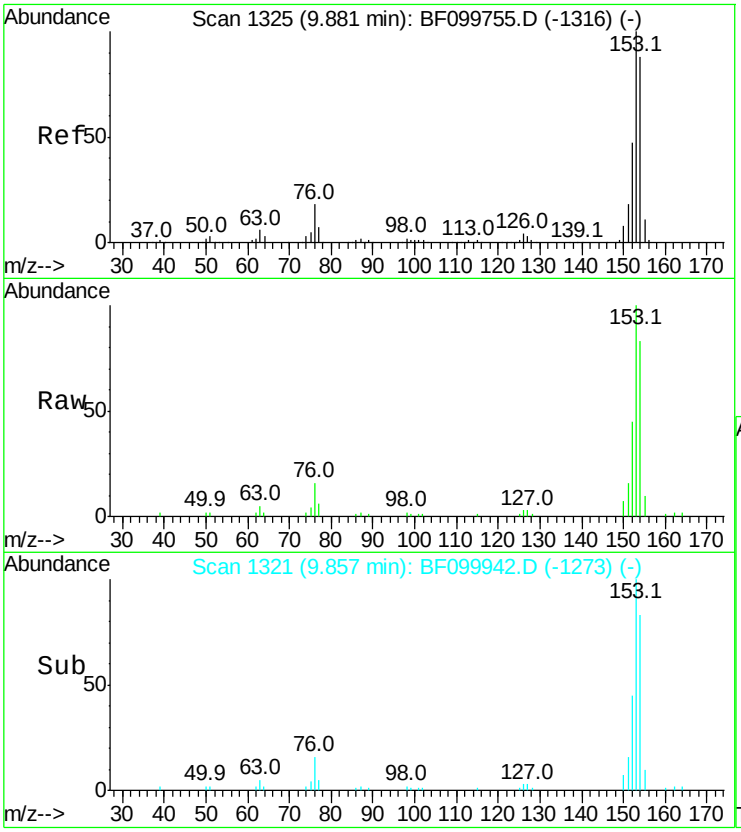


#49
Dimethylphthalate
Concen: 5.148 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF099942.D
Acq: 29 Oct 2017 4:40

Tgt Ion:163 Resp: 70322

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.9	8.2	12.2



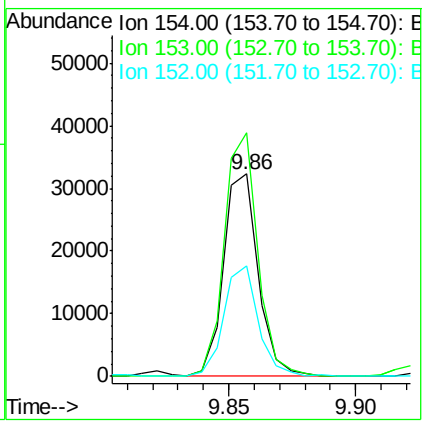


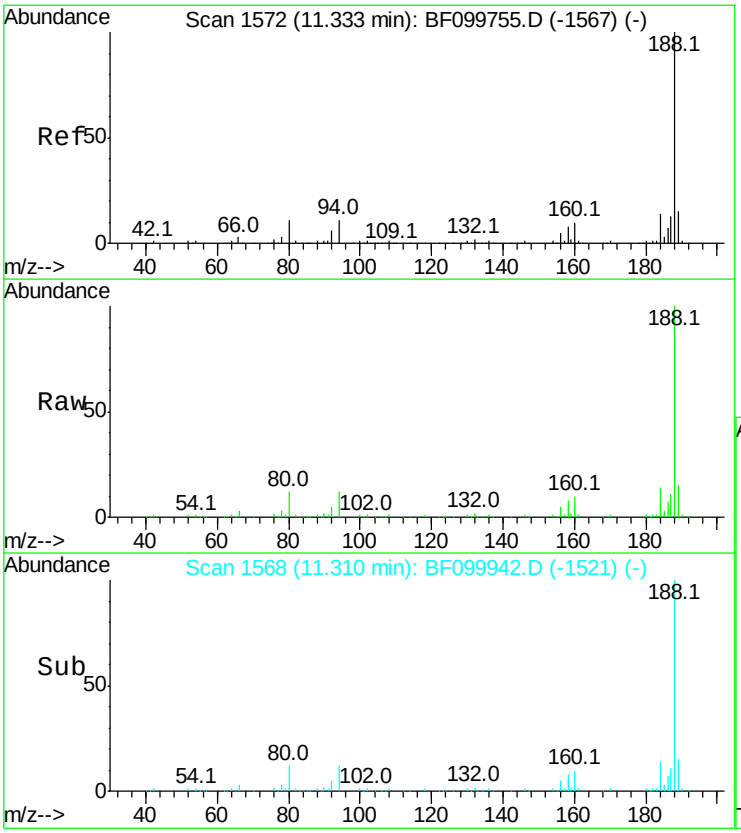
#51
Acenaphthene
Concen: 2.869 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF099942.D
Acq: 29 Oct 2017 4:40

Instrument :
BNA_F
ClientSampleId :
101817-TIDO-F-D-B

Tgt Ion:154 Resp: 30597

Ion	Ratio	Lower	Upper
154	100		
153	120.2	91.2	136.8
152	54.6	43.8	65.8

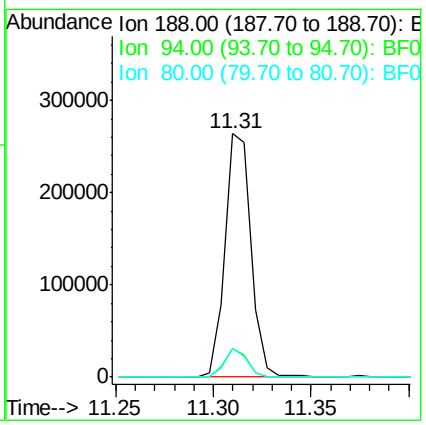


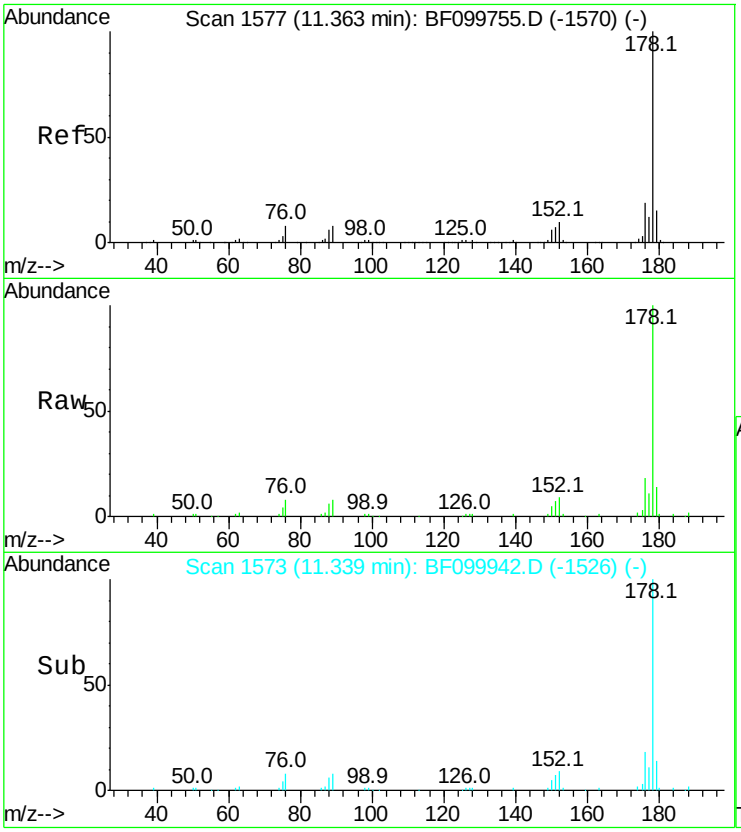


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF099942.D
Acq: 29 Oct 2017 4:40

Tgt Ion:188 Resp: 244275

Ion	Ratio	Lower	Upper
188	100		
94	11.6	8.5	12.7
80	11.9	9.2	13.8



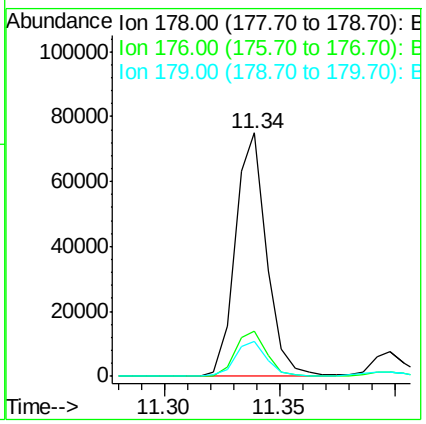


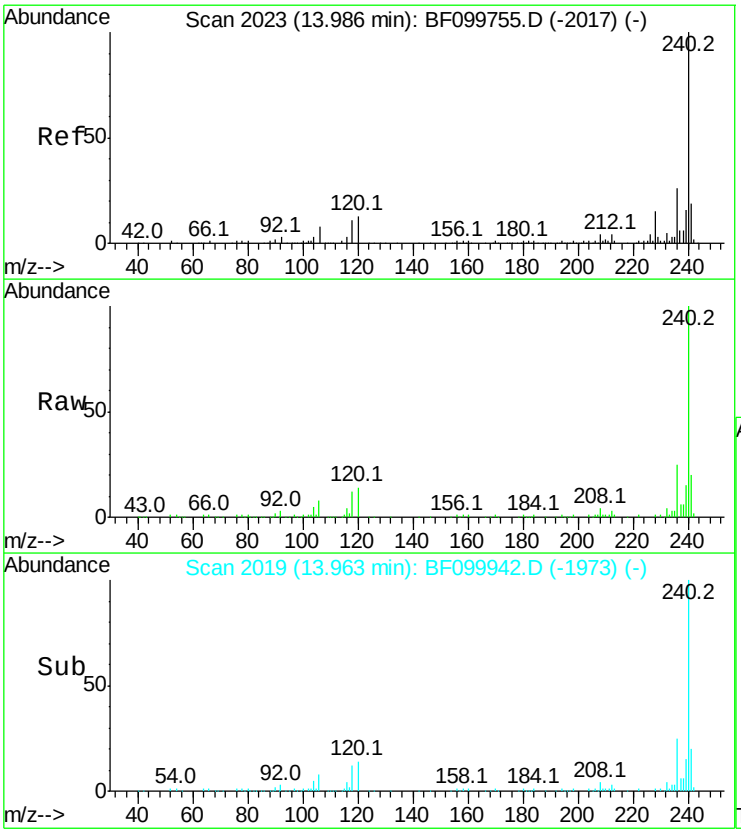
#70
Phenanthrene
Concen: 5.137 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.02 min
Lab File: BF099942.D
Acq: 29 Oct 2017 4:40

Instrument :
BNA_F
ClientSampleId :
101817-TIDO-F-D-B

Tgt Ion:178 Resp: 70812

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	14.3	13.0	19.6

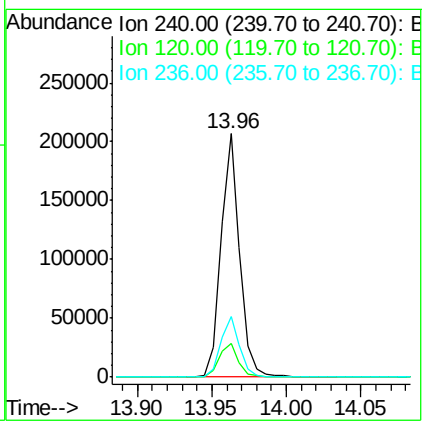


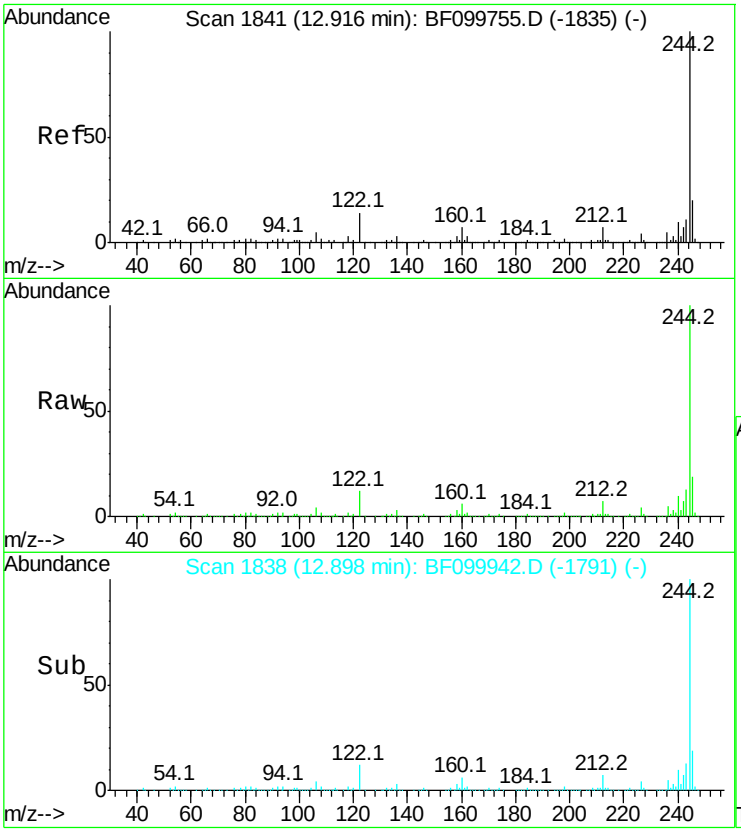


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.03 min
Lab File: BF099942.D
Acq: 29 Oct 2017 4:40

Tgt Ion:240 Resp: 182719

Ion	Ratio	Lower	Upper
240	100		
120	13.7	9.5	14.3
236	24.9	20.7	31.1



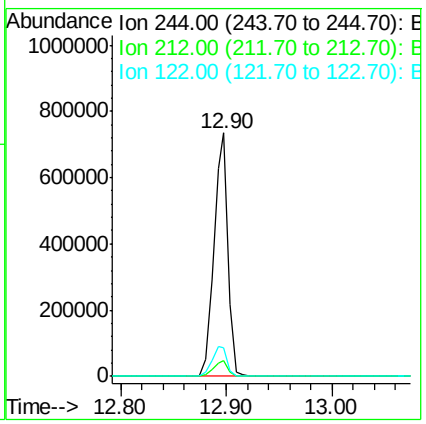


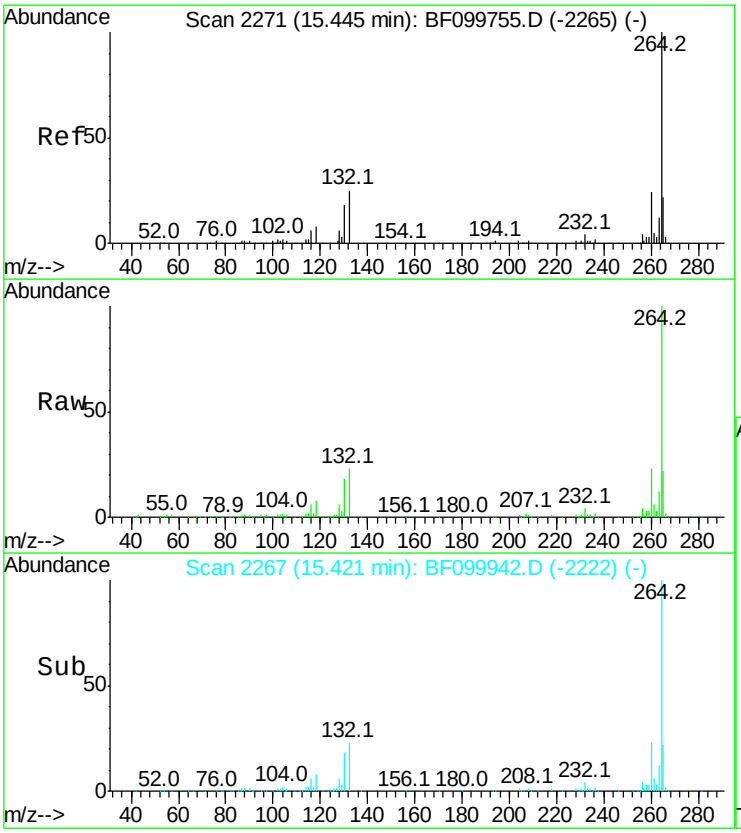
#78
Terphenyl-d14
Concen: 82.404 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BF099942.D
Acq: 29 Oct 2017 4:40

Instrument :
BNA_F
ClientSampleId :
101817-TIDO-F-D-B

Tgt Ion:244 Resp: 688979

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.8	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: BF099942.D
Acq: 29 Oct 2017 4:40

Tgt Ion:264 Resp: 176595

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.5	17.5	26.3