Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099165.D
Acq On : 6 Oct 2017 23:31
Operator : SJ/JU
Sample : I5516-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-6

Quant Time: Oct 07 00:54:41 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	131023	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	537381	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	245876	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	436887	20.00	ng	0.00
75) Chrysene-d12	14.02	240	262416	20.00	ng	-0.01
86) Perylene-d12	15.50	264	204732	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	477524	58.02	ng	0.00
7) Phenol-d6	6.49	99	364871	35.94	ng	-0.01
23) Nitrobenzene-d5	7.43	82	722776	86.25	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	259600	129.03	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1264254	85.84	ng	0.00
78) Terphenyl-d14	12.97	244	1118999	96.98	ng	0.00

Target Compounds	Qvalue

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

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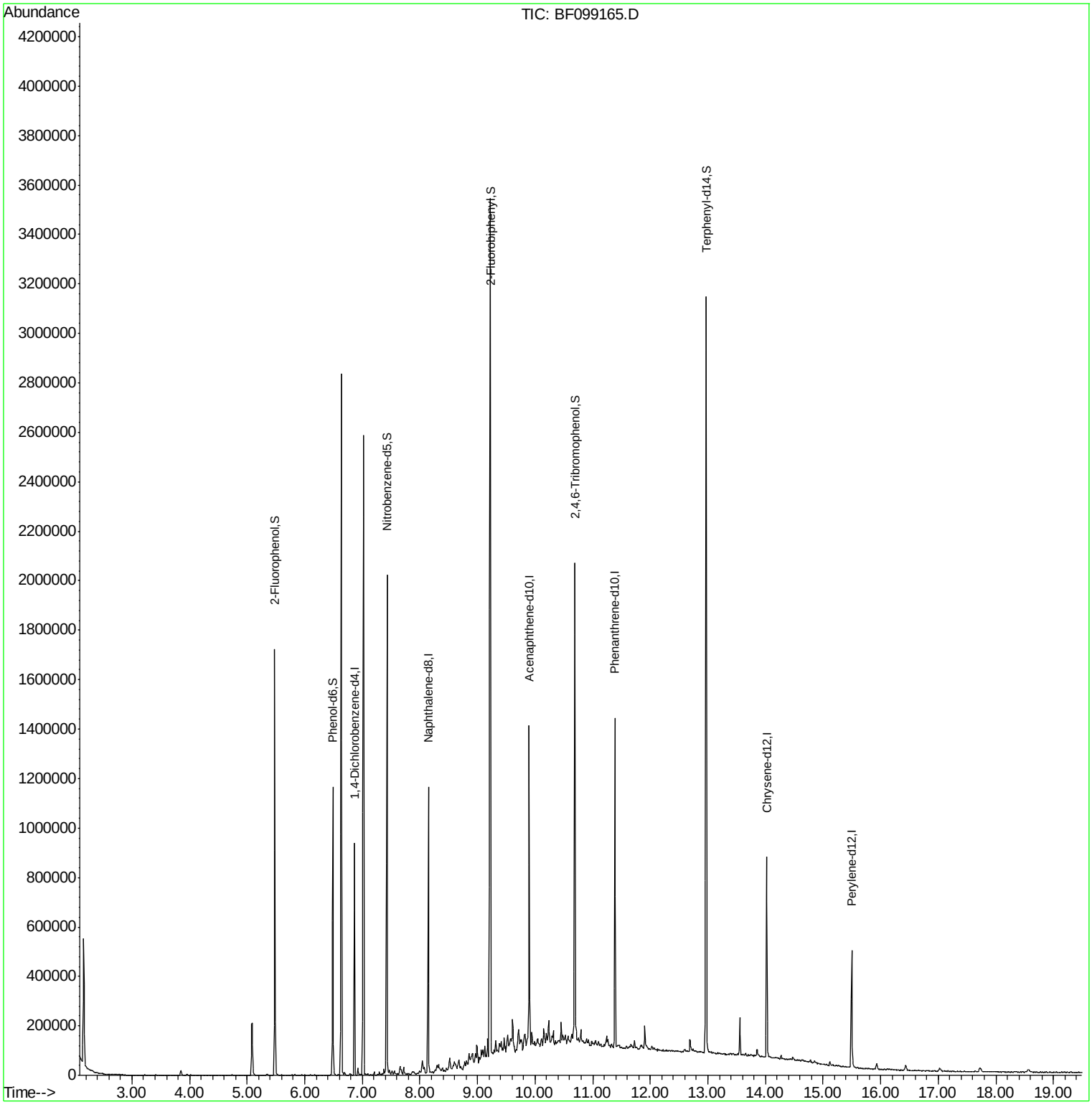
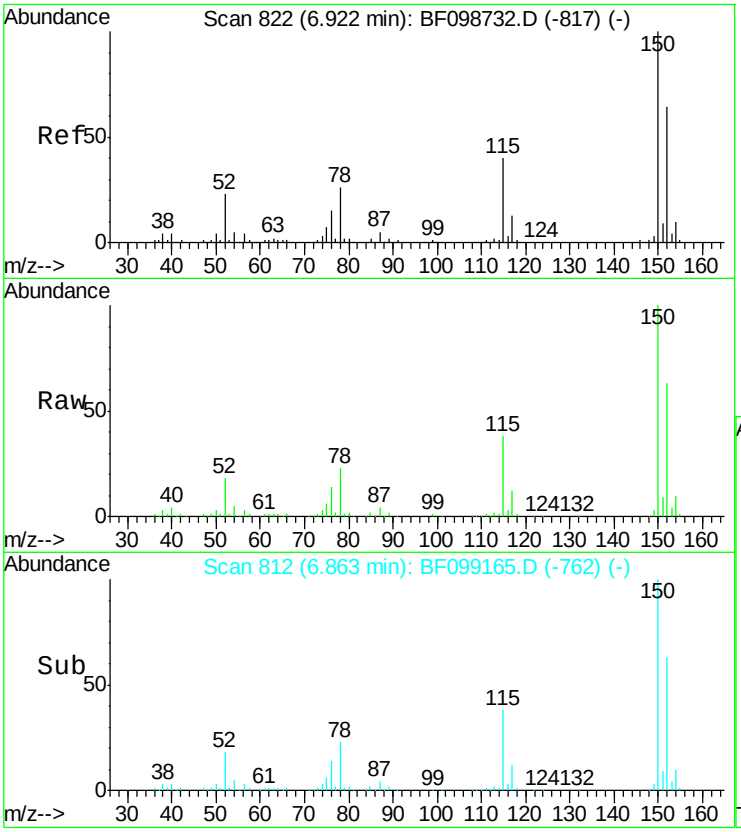


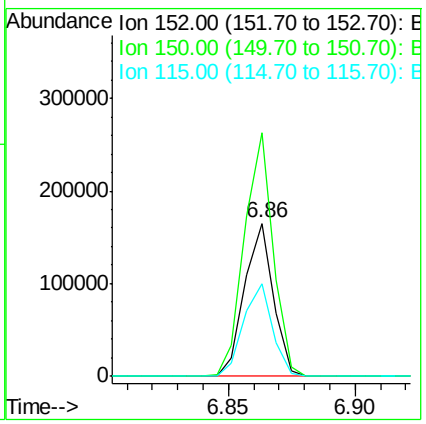


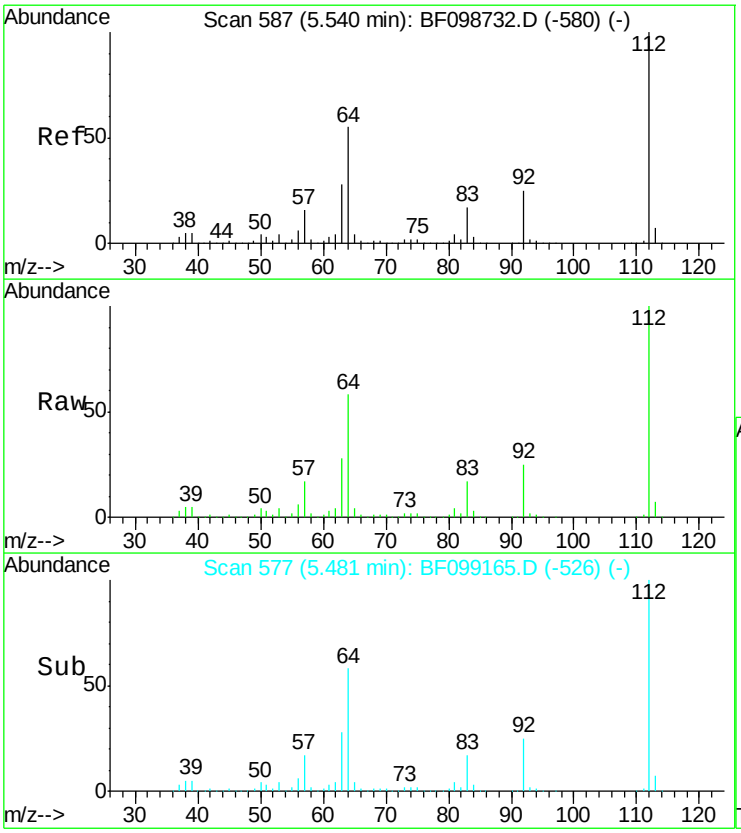
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099165.D
Acq: 6 Oct 2017 23:31

Instrument :
BNA_F
ClientSampleId :
PZ-6

Tgt Ion:152 Resp: 131023

Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	60.2	50.1	75.1

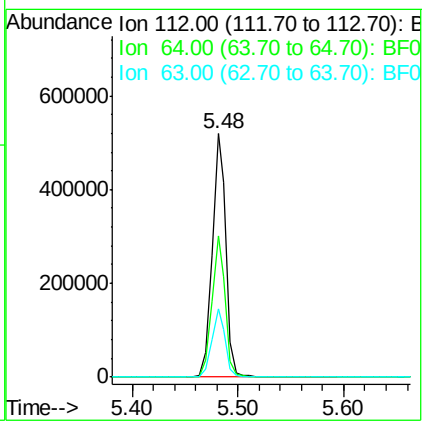


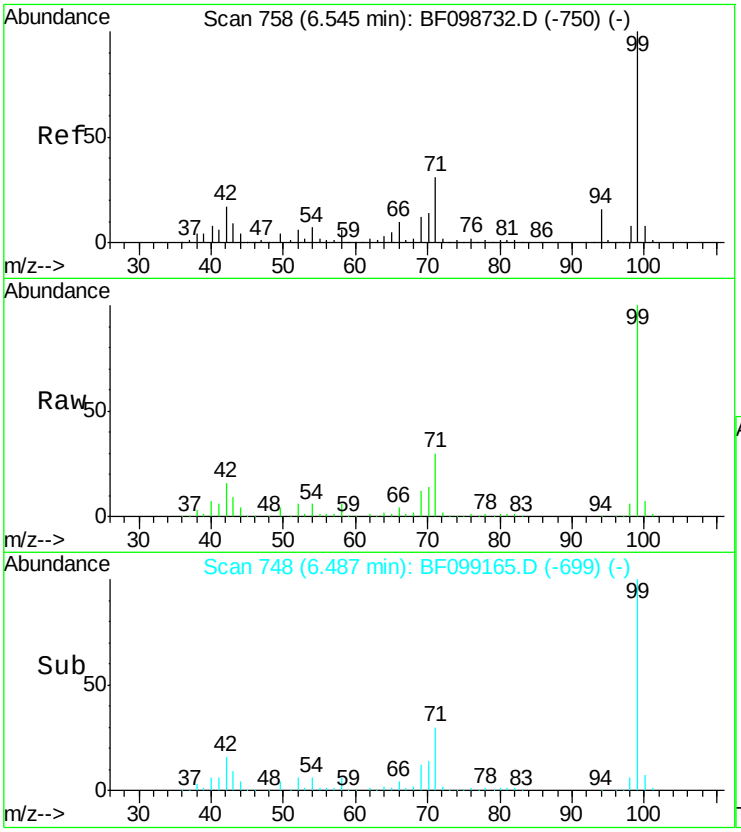


#5
2-Fluorophenol
Concen: 58.02 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF099165.D
Acq: 6 Oct 2017 23:31

Tgt Ion:112 Resp: 477524

Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.9	71.9
63	28.1	23.7	35.5



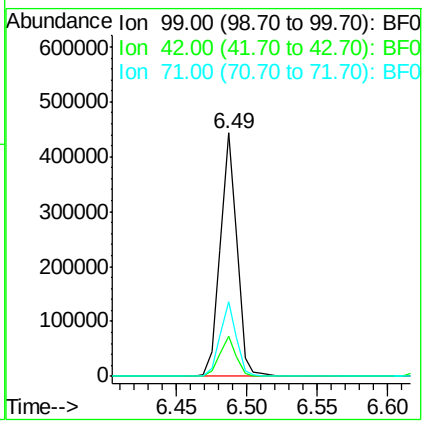


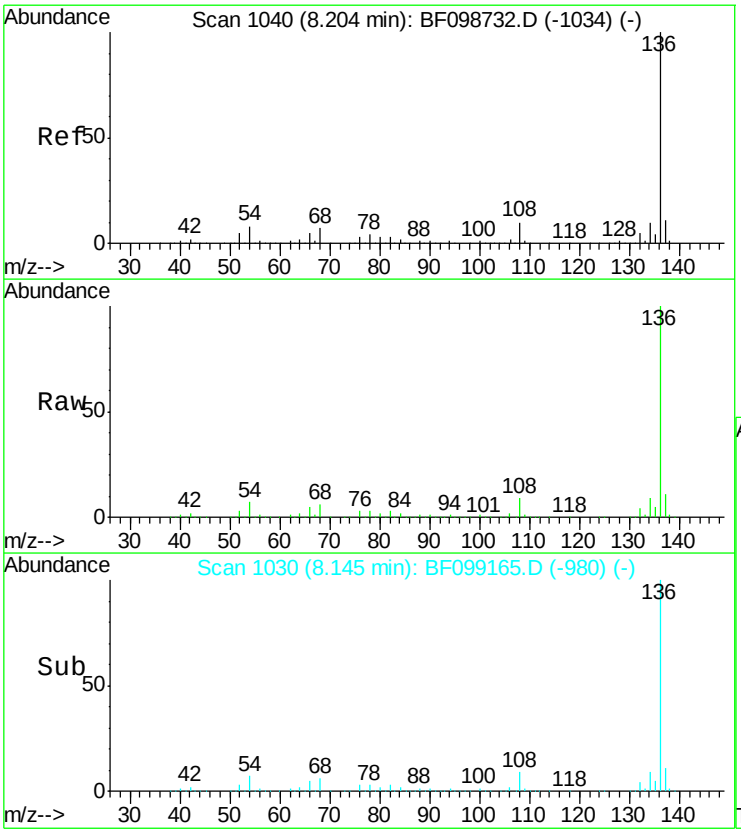
#7
Phenol-d6
Concen: 35.94 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF099165.D
Acq: 6 Oct 2017 23:31

Instrument :
BNA_F
ClientSampleId :
PZ-6

Tgt Ion: 99 Resp: 364871

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.5	21.7
71	30.5	25.4	38.0

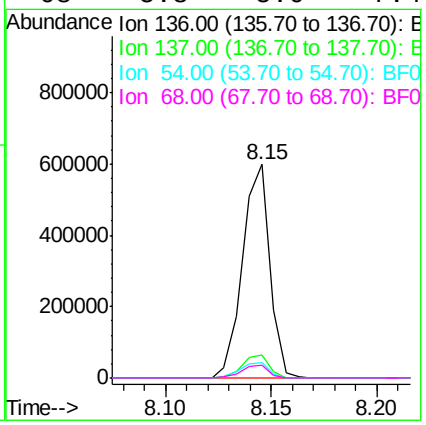


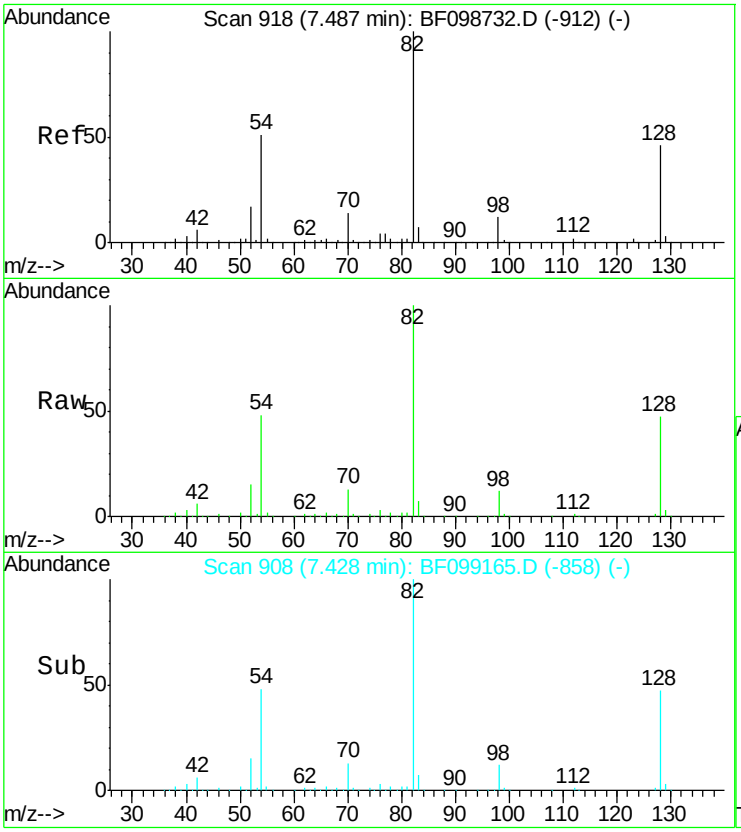


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099165.D
Acq: 6 Oct 2017 23:31

Tgt Ion:136 Resp: 537381

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.2	6.6	9.8
68	5.8	5.0	7.4



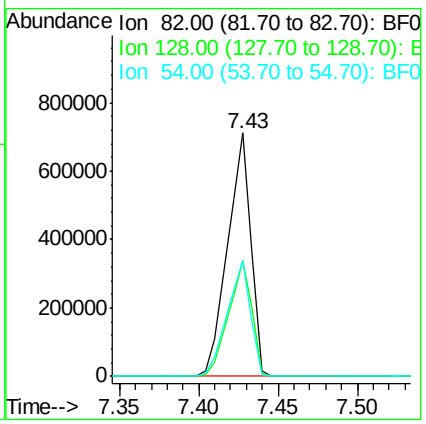


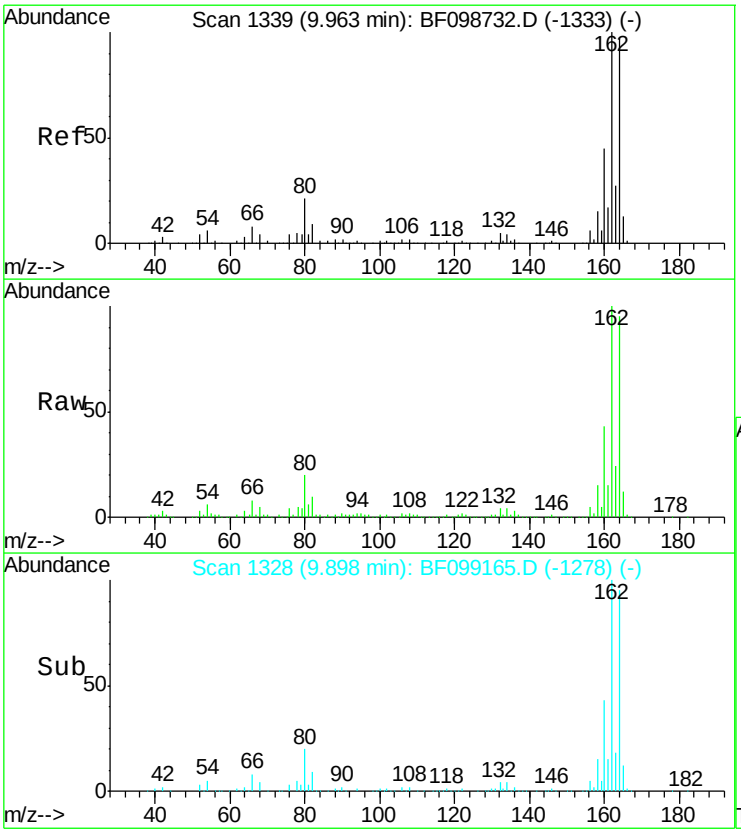
#23
Nitrobenzene-d5
Concen: 86.25 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099165.D
Acq: 6 Oct 2017 23:31

Instrument :
BNA_F
ClientSampleId :
PZ-6

Tgt Ion: 82 Resp: 722776

Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.1	54.1
54	47.5	41.4	62.2

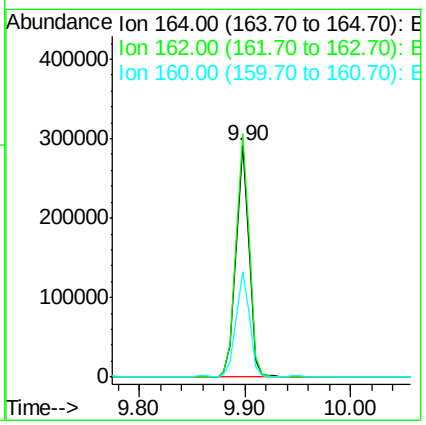


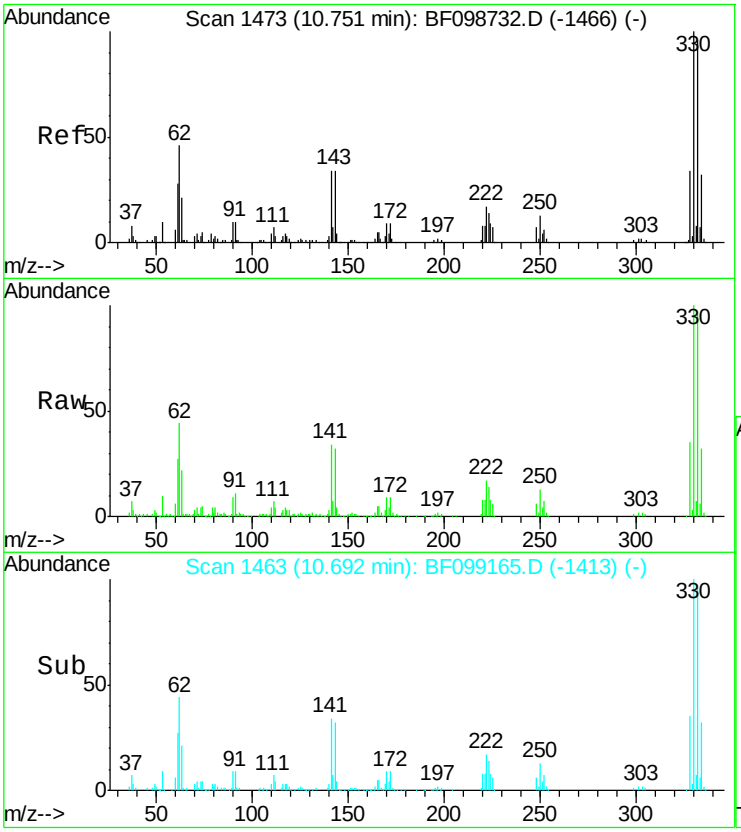


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099165.D
Acq: 6 Oct 2017 23:31

Tgt Ion:164 Resp: 245876

Ion	Ratio	Lower	Upper
164	100		
162	105.1	86.1	129.1
160	45.6	38.3	57.5



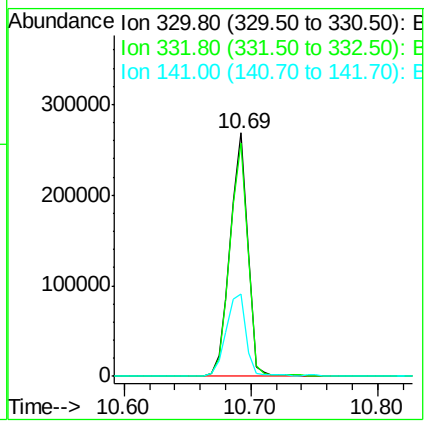


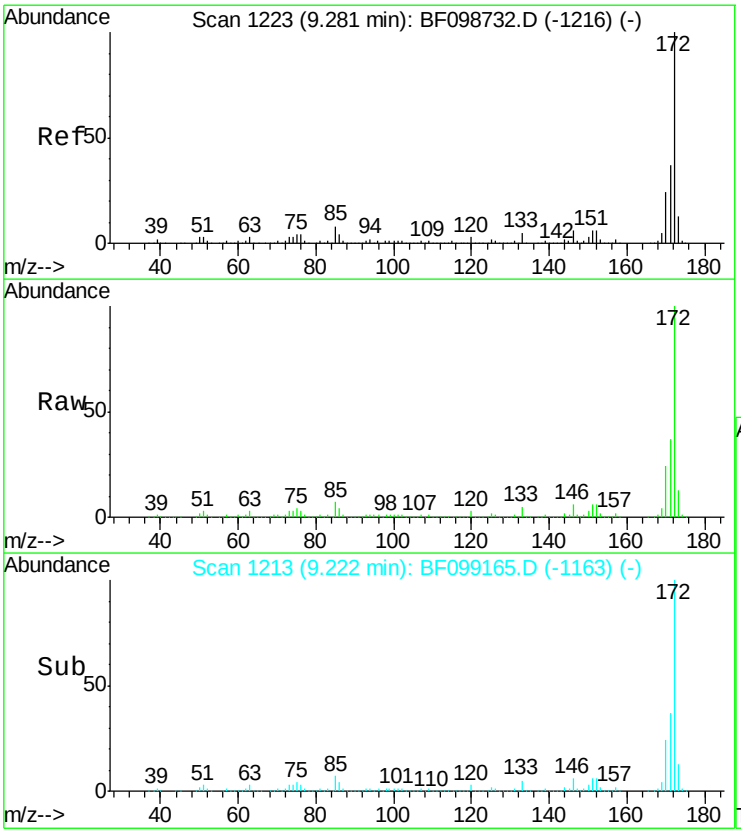
#41
2,4,6-Tribromophenol
Concen: 129.03 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF099165.D
Acq: 6 Oct 2017 23:31

Instrument :
BNA_F
ClientSampleId :
PZ-6

Tgt Ion:330 Resp: 259600

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	37.7	29.9	44.9

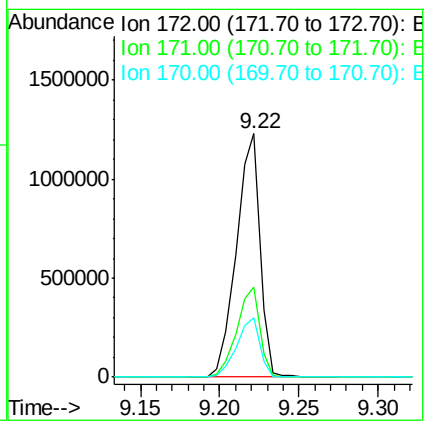


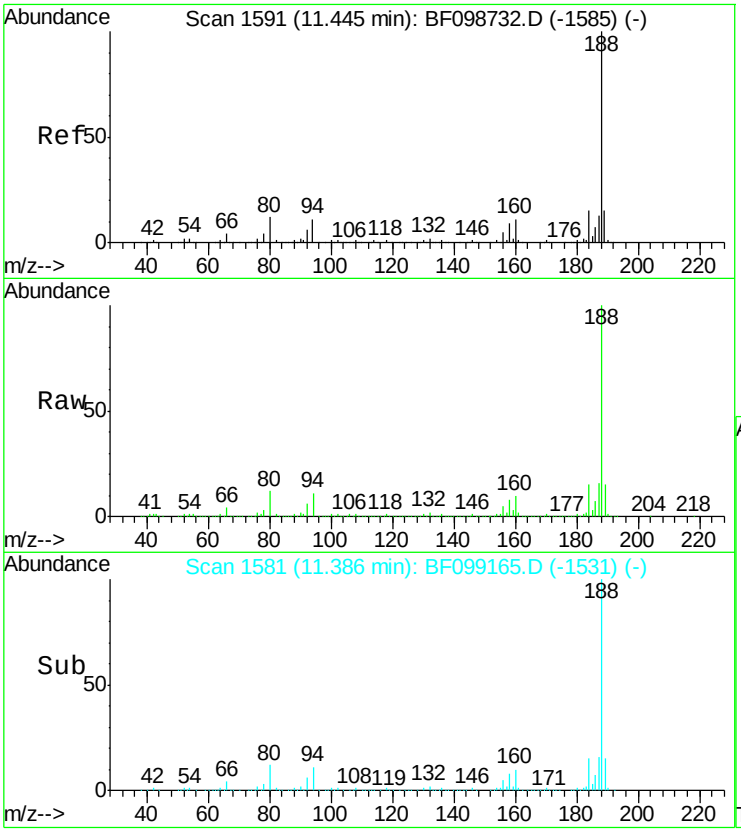


#44
2-Fluorobiphenyl
Concen: 85.84 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF099165.D
Acq: 6 Oct 2017 23:31

Tgt Ion:172 Resp: 1264254

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.3	19.6	29.4



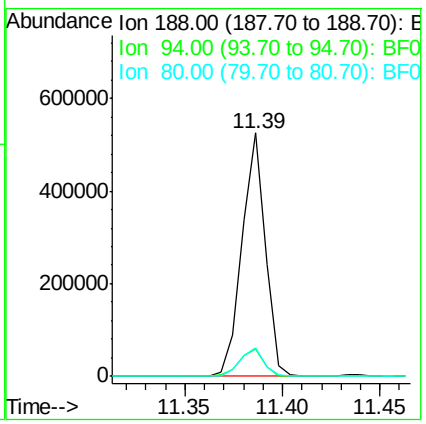


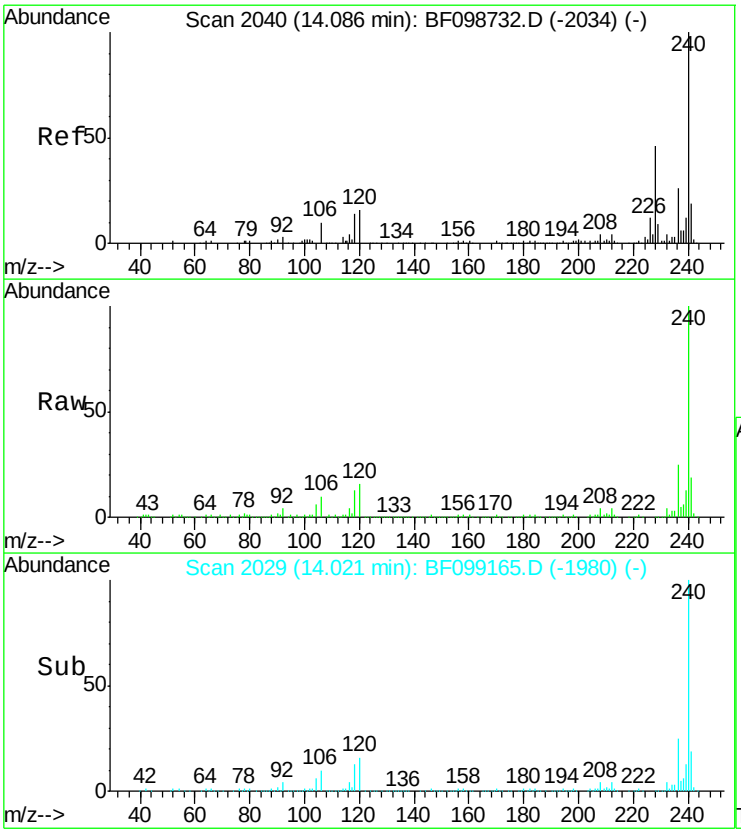
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099165.D
Acq: 6 Oct 2017 23:31

Instrument :
BNA_F
ClientSampleId :
PZ-6

Tgt Ion:188 Resp: 436887

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	11.7	9.2	13.8

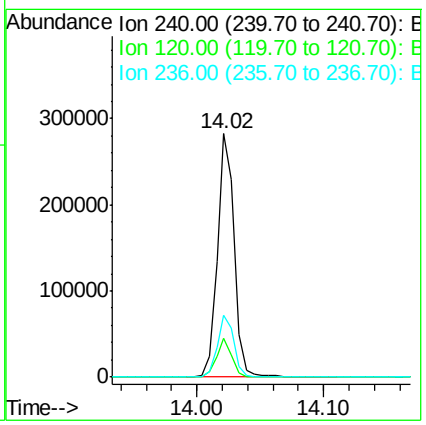


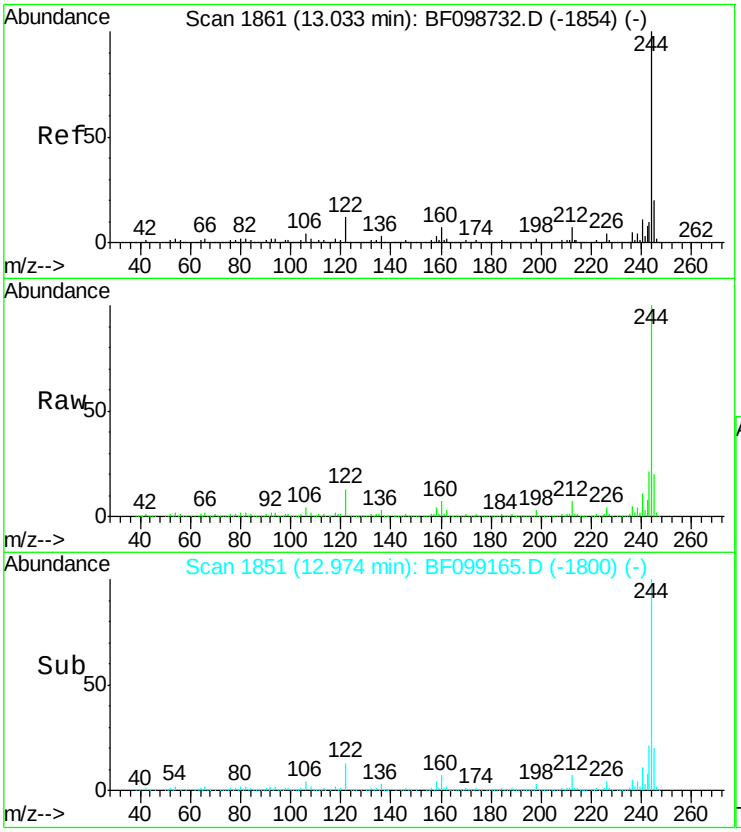


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099165.D
Acq: 6 Oct 2017 23:31

Tgt Ion:240 Resp: 262416

Ion	Ratio	Lower	Upper
240	100		
120	15.9	9.5	14.3#
236	25.5	20.7	31.1



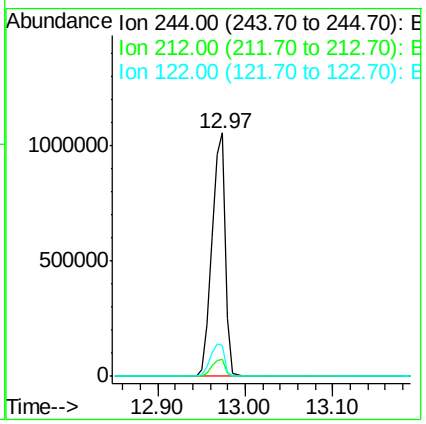


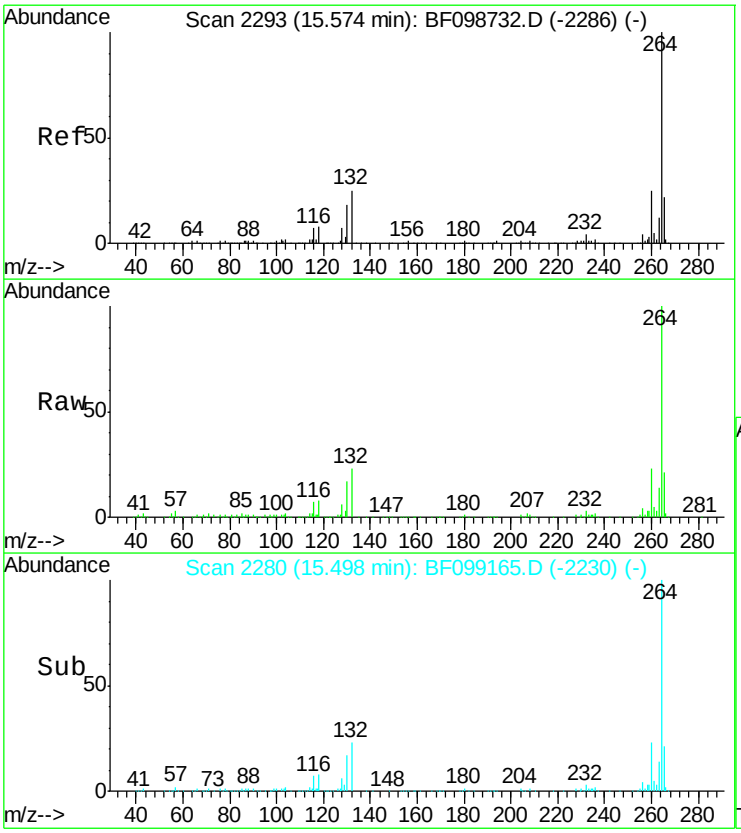
#78
Terphenyl-d14
Concen: 96.98 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BF099165.D
Acq: 6 Oct 2017 23:31

Instrument :
BNA_F
ClientSampleId :
PZ-6

Tgt Ion:244 Resp: 1118999

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.7	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF099165.D
Acq: 6 Oct 2017 23:31

Tgt Ion:264 Resp: 204732

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.5	17.5	26.3