Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
Data File : BF095225.D
Acq On : 18 May 2017 16:37
Operator : SJ/MA
Sample : PB99052BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB99052BL

Quant Time: May 19 01:40:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	102022	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	411120	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	178705	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	352537	20.00	ng	0.00
75) Chrysene-d12	18.69	240	221981	20.00	ng	0.00
86) Perylene-d12	20.37	264	158724	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	694312	113.46	ng	0.01
7) Phenol-d6	7.31	99	849370	115.68	ng	0.00
23) Nitrobenzene-d5	8.67	82	512252	78.57	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	187033	127.80	ng	0.00
44) 2-Fluorobiphenyl	11.56	172	922151	74.27	ng	0.00
78) Terphenyl-d14	17.34	244	837502	83.10	ng	0.00
Target Compounds						Qvalue

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

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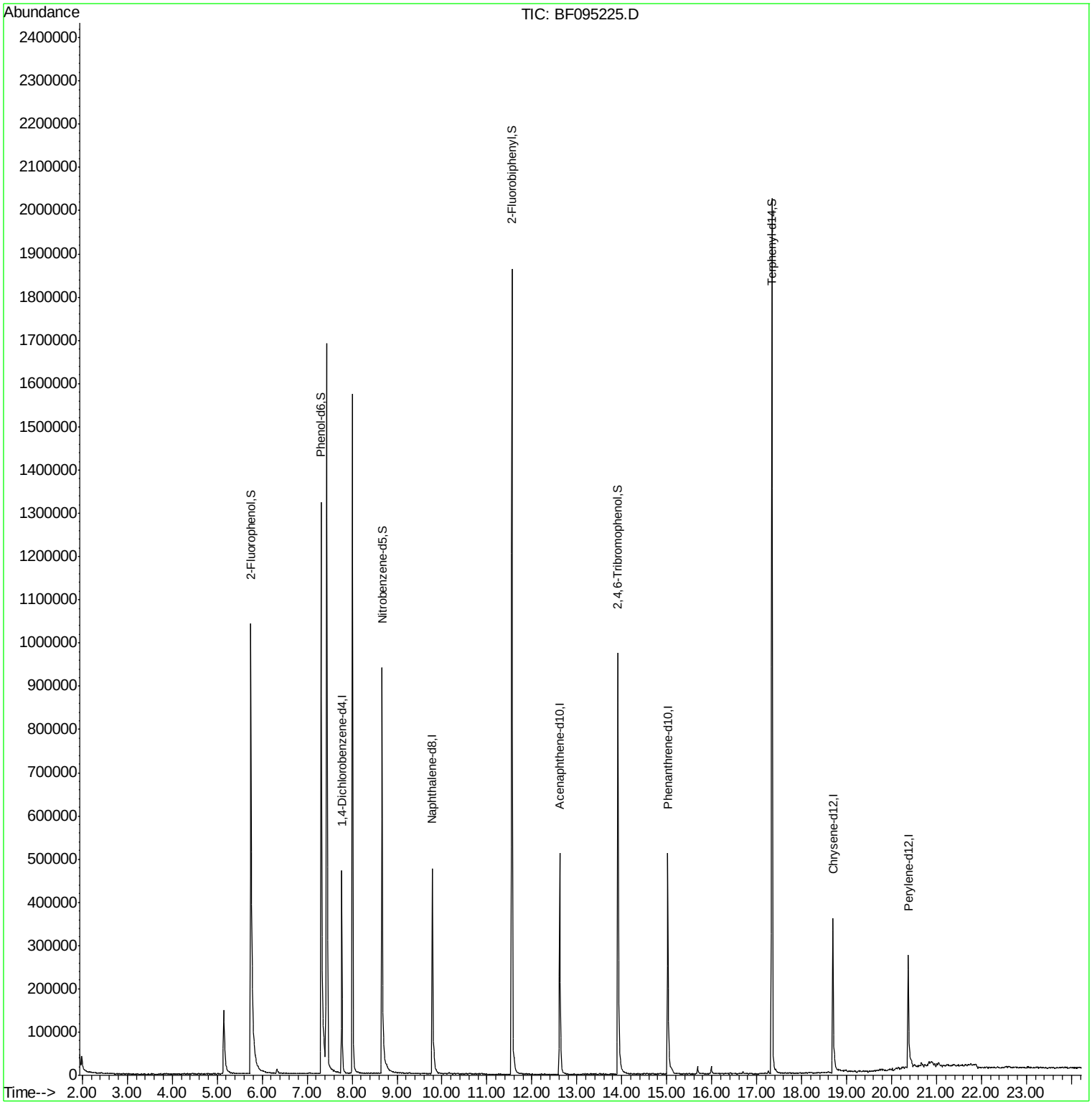
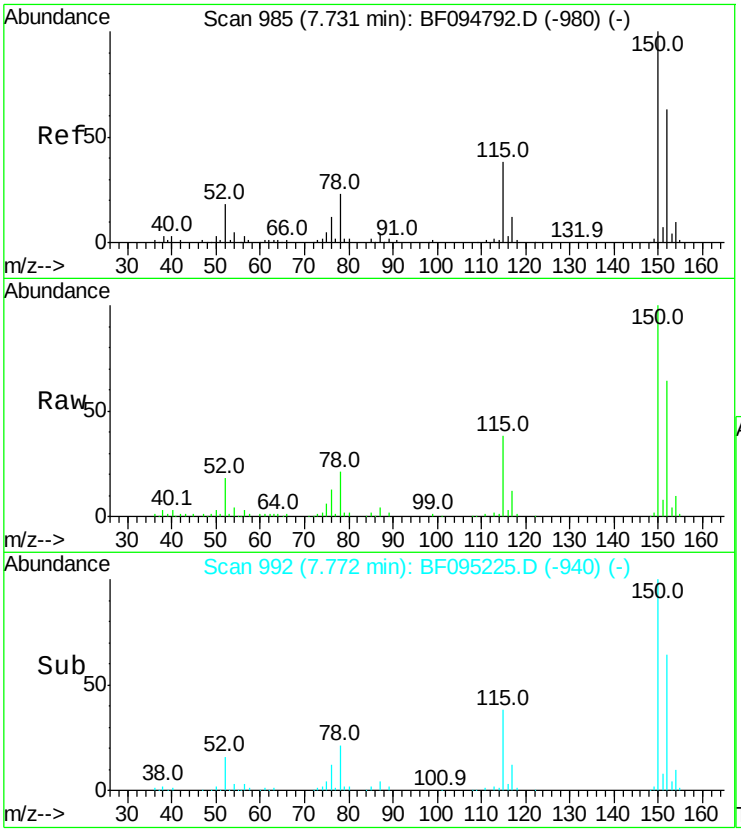


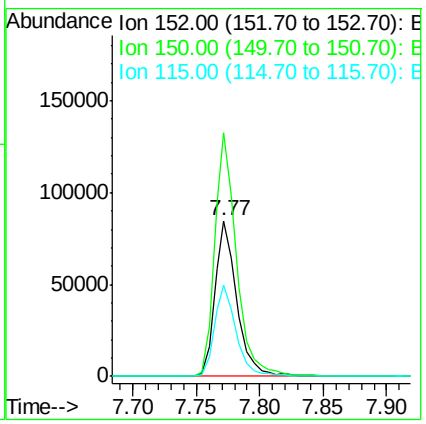


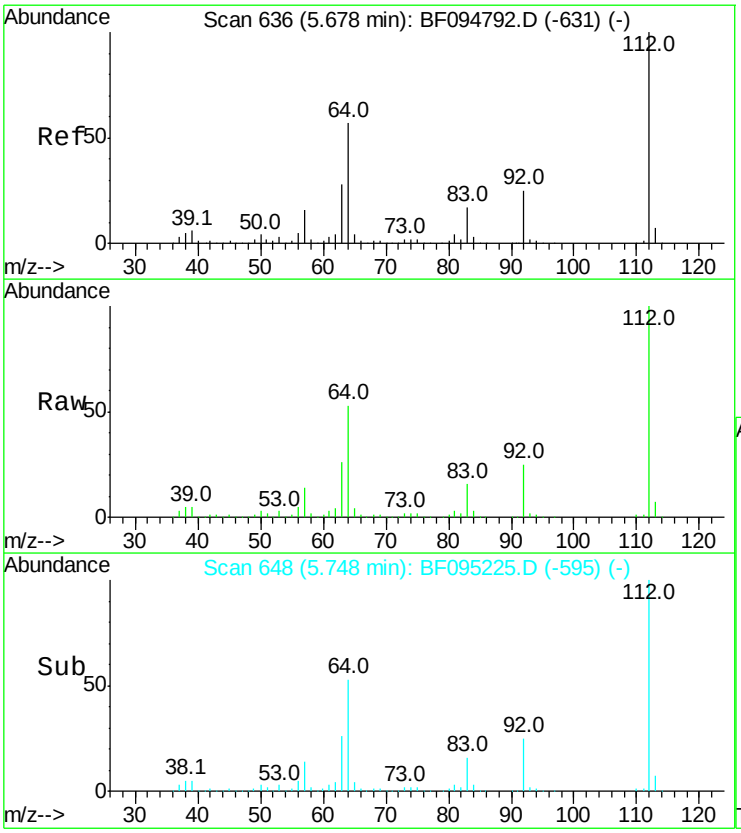
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF095225.D
Acq: 18 May 2017 16:37

Instrument :
BNA_F
ClientSampleId :
PB99052BL

Tgt Ion:152 Resp: 102022

Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.2	189.2
115	59.0	52.2	78.2

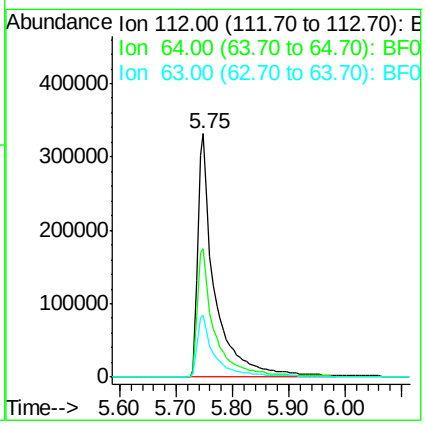


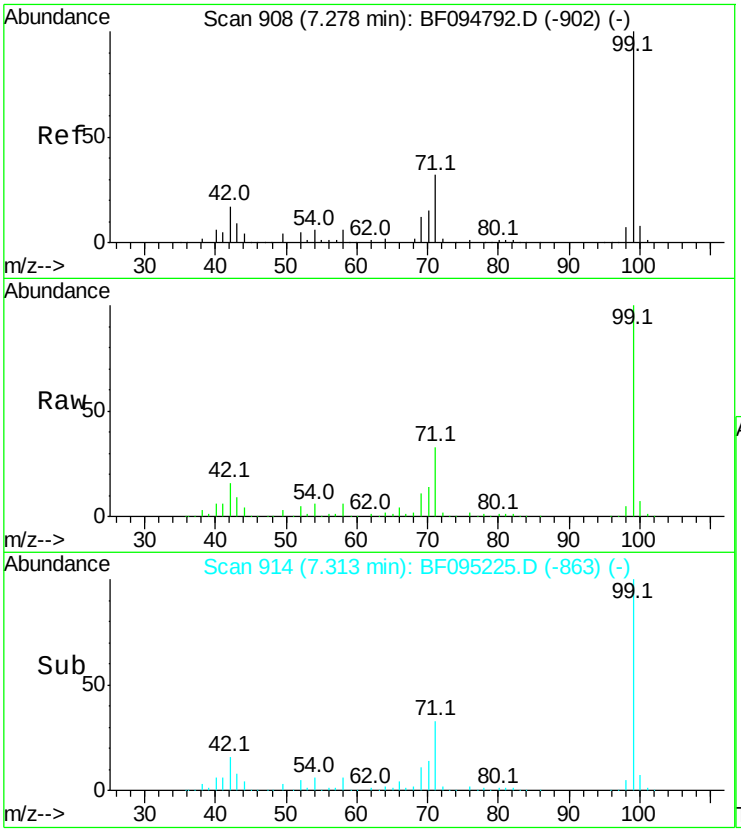


#5
2-Fluorophenol
Concen: 113.46 ng
RT: 5.75 min Scan# 648
Delta R.T. 0.01 min
Lab File: BF095225.D
Acq: 18 May 2017 16:37

Tgt Ion:112 Resp: 694312

Ion	Ratio	Lower	Upper
112	100		
64	53.0	46.0	69.0
63	25.6	23.4	35.0



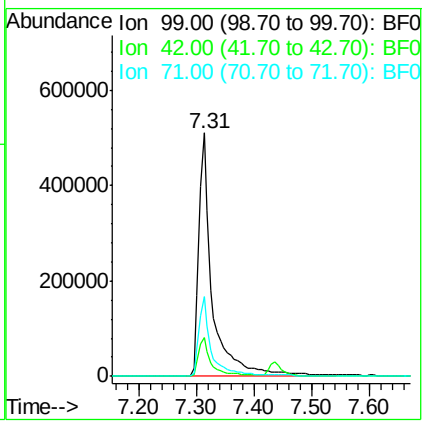


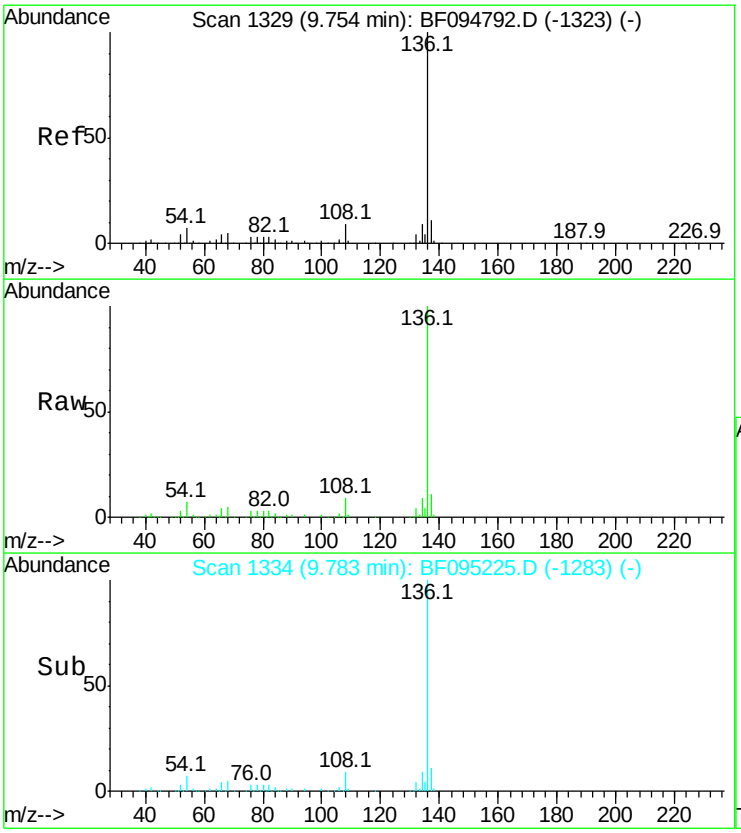
#7
Phenol-d6
Concen: 115.68 ng
RT: 7.31 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF095225.D
Acq: 18 May 2017 16:37

Instrument :
BNA_F
ClientSampleId :
PB99052BL

Tgt Ion: 99 Resp: 849370

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.5	20.3
71	32.7	24.5	36.7

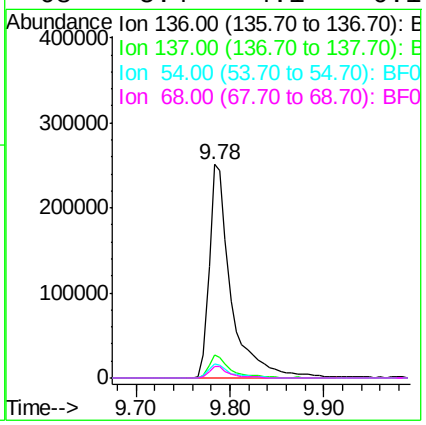


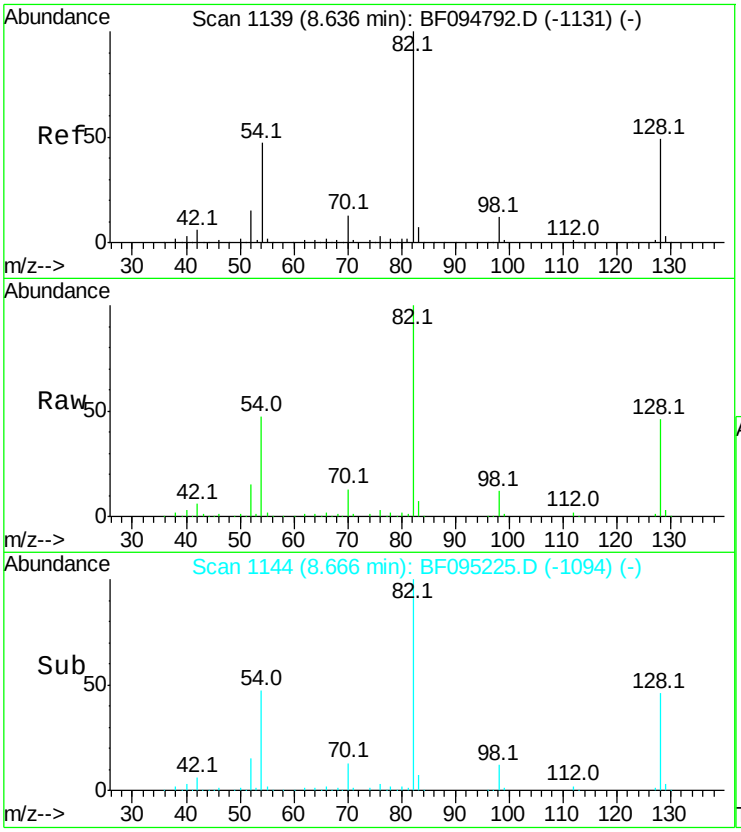


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.78 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF095225.D
Acq: 18 May 2017 16:37

Tgt Ion:136 Resp: 411120

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	6.6	4.9	7.3
68	5.4	4.1	6.1



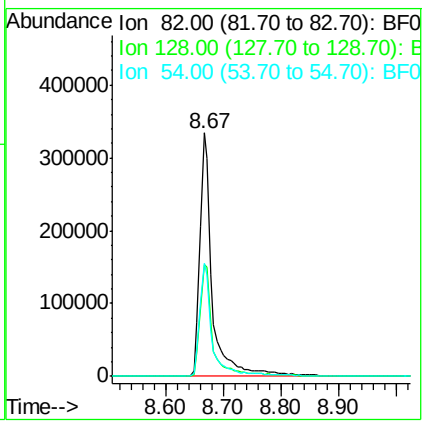


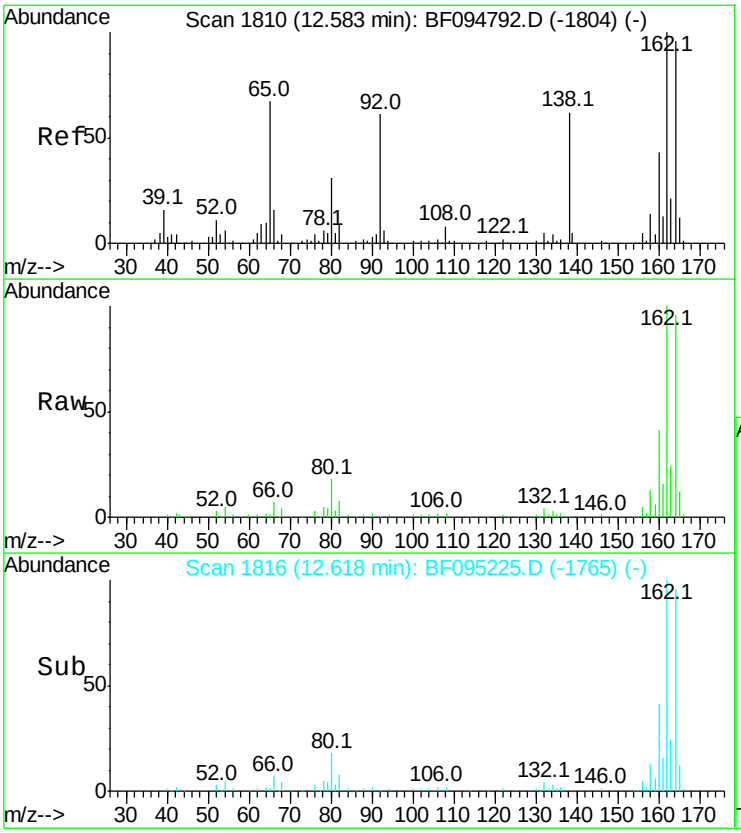
#23
Nitrobenzene-d5
Concen: 78.57 ng
RT: 8.67 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF095225.D
Acq: 18 May 2017 16:37

Instrument :
BNA_F
ClientSampleId :
PB99052BL

Tgt Ion: 82 Resp: 512252

Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.0	51.0
54	46.7	42.2	63.2

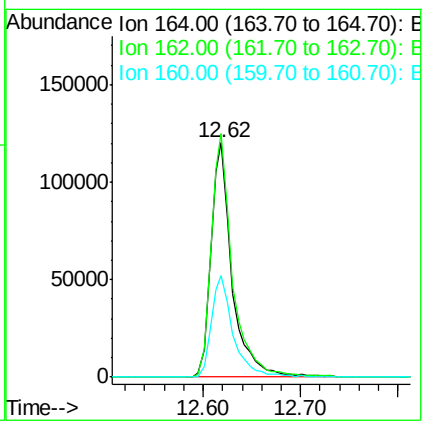


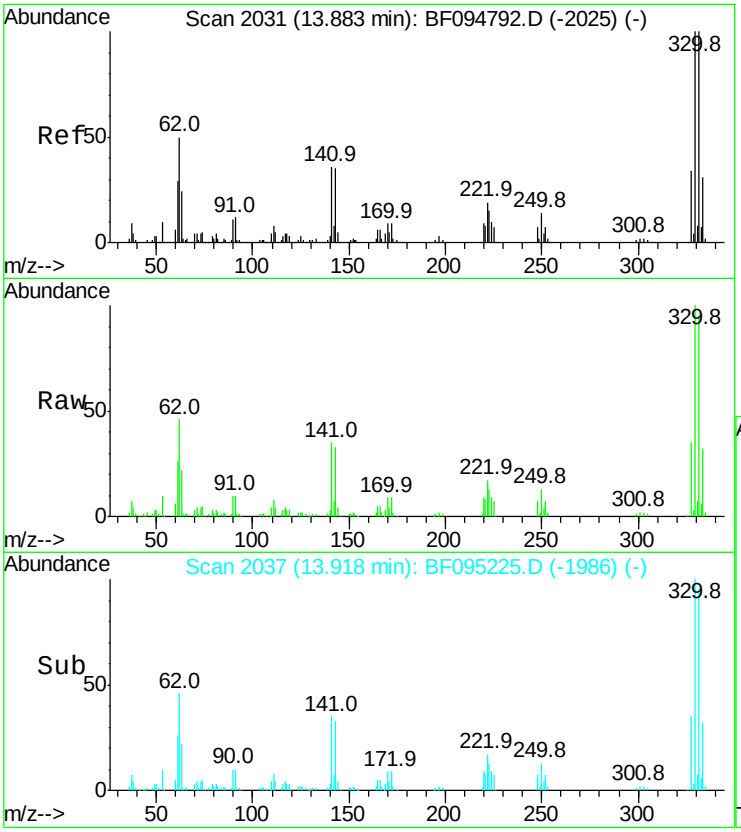


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BF095225.D
Acq: 18 May 2017 16:37

Tgt Ion:164 Resp: 178705

Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.6	123.8
160	43.1	36.2	54.2



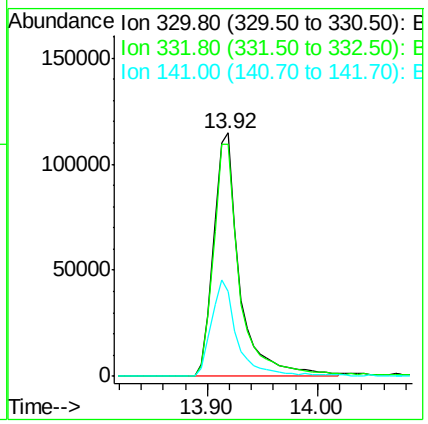


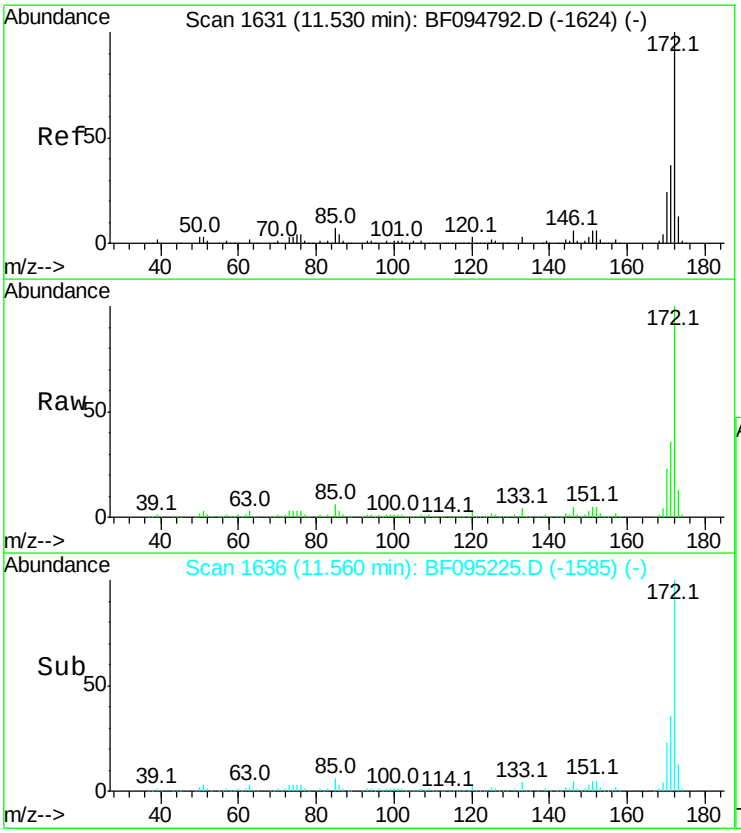
#41
2,4,6-Tribromophenol
Concen: 127.80 ng
RT: 13.92 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BF095225.D
Acq: 18 May 2017 16:37

Instrument :
BNA_F
ClientSampleId :
PB99052BL

Tgt Ion:330 Resp: 187033

Ion	Ratio	Lower	Upper
330	100		
332	99.2	76.6	115.0
141	39.7	31.4	47.2

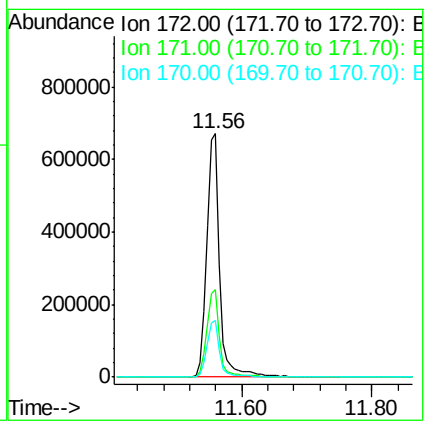


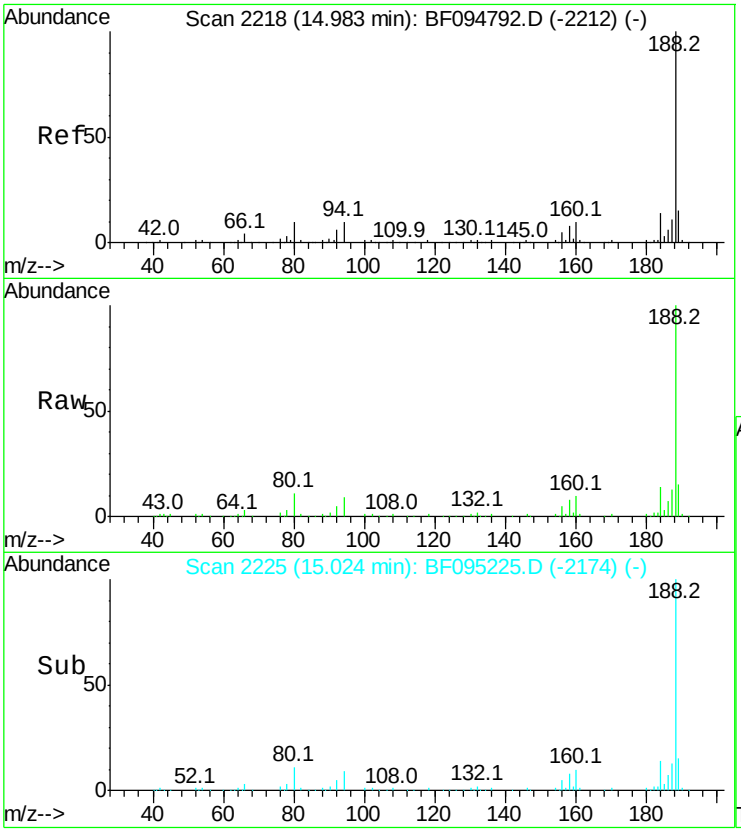


#44
2-Fluorobiphenyl
Concen: 74.27 ng
RT: 11.56 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BF095225.D
Acq: 18 May 2017 16:37

Tgt Ion:172 Resp: 922151

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.4	19.8	29.8



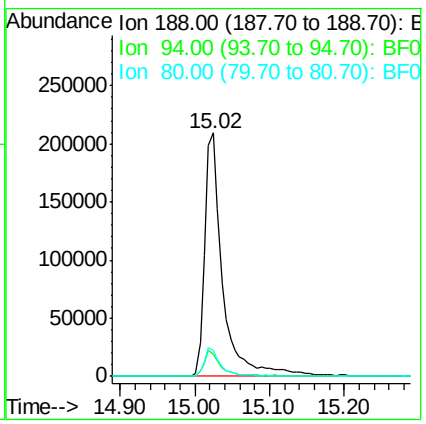


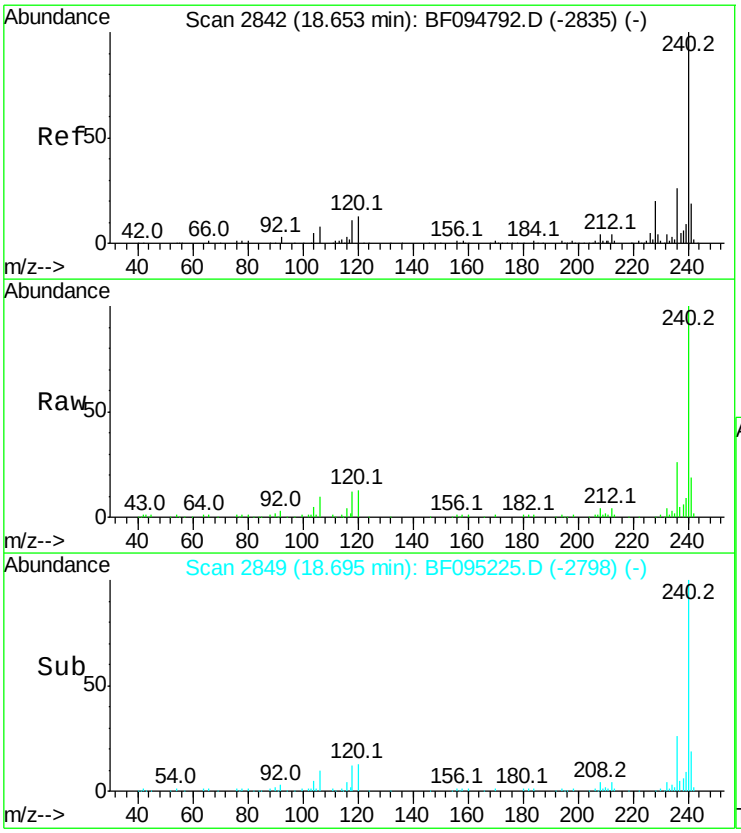
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BF095225.D
Acq: 18 May 2017 16:37

Instrument :
BNA_F
ClientSampleId :
PB99052BL

Tgt Ion:188 Resp: 352537

Ion	Ratio	Lower	Upper
188	100		
94	9.2	9.4	14.2#
80	10.6	10.2	15.2

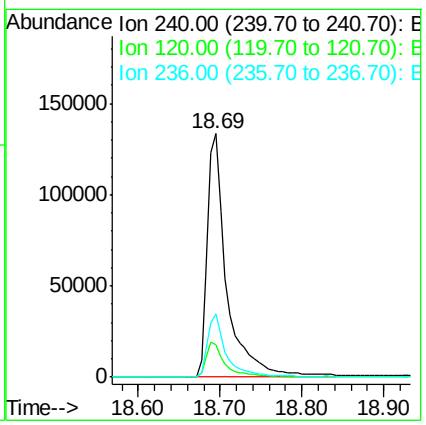


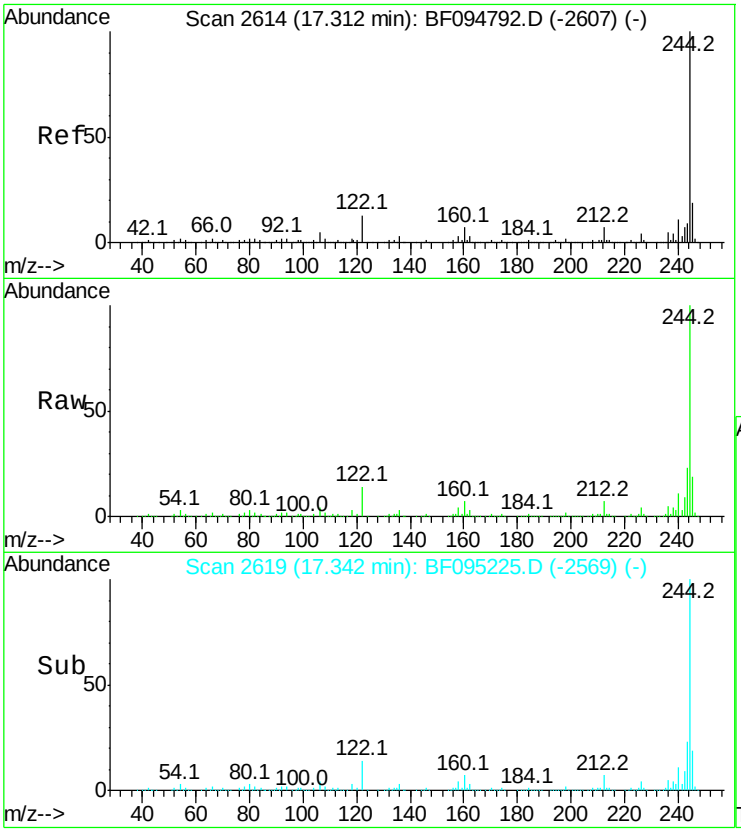


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2849
Delta R.T. 0.00 min
Lab File: BF095225.D
Acq: 18 May 2017 16:37

Tgt Ion:240 Resp: 221981

Ion	Ratio	Lower	Upper
240	100		
120	13.4	5.8	8.8#
236	26.1	20.5	30.7



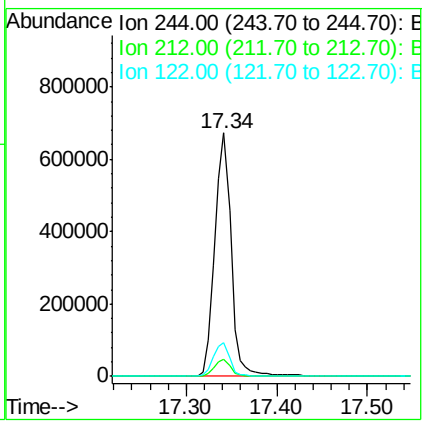


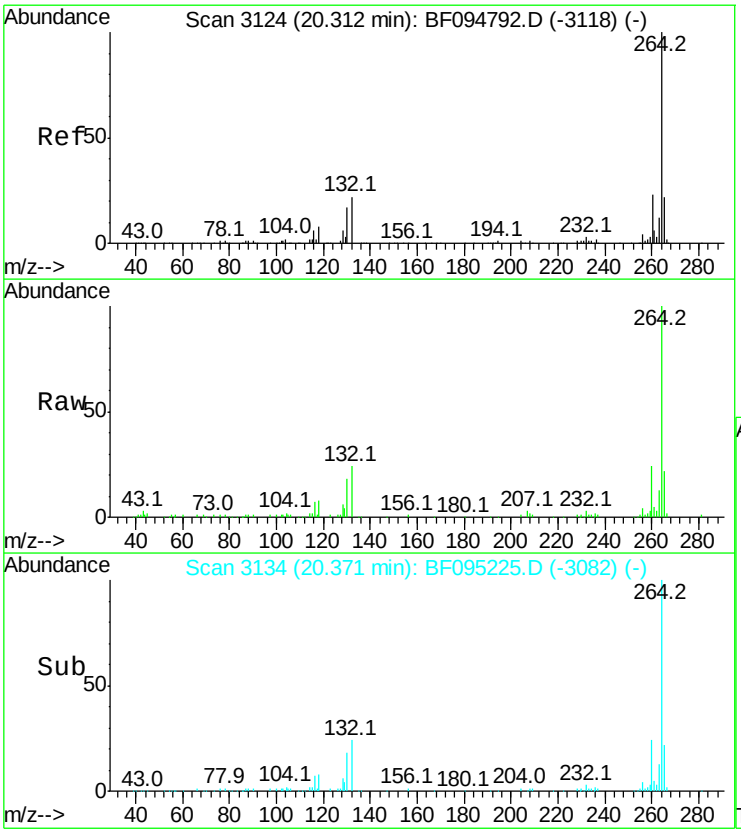
#78
Terphenyl-d14
Concen: 83.10 ng
RT: 17.34 min Scan# 2619
Delta R.T. -0.01 min
Lab File: BF095225.D
Acq: 18 May 2017 16:37

Instrument :
BNA_F
ClientSampleId :
PB99052BL

Tgt Ion:244 Resp: 837502

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	13.8	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3134
Delta R.T. 0.01 min
Lab File: BF095225.D
Acq: 18 May 2017 16:37

Tgt Ion:264 Resp: 158724

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.5	17.2	25.8