Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050517\
Data File : BF094924.D
Acq On : 5 May 2017 19:05
Operator : SJ/MA
Sample : I2957-06RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-2342RE

Quant Time: May 05 19:35:58 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	90707	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	336390	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	55873	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	135523	20.00	ng	-0.01
75) Chrysene-d12	18.65	240	15791	20.00	ng	0.00
86) Perylene-d12	20.33	264	169	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	501973	92.26	ng	0.00
7) Phenol-d6	7.27	99	275811	42.25	ng	-0.01
23) Nitrobenzene-d5	8.62	82	417403	78.24	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	168465	368.16	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	858413	221.14	ng	-0.02
78) Terphenyl-d14	17.29	244	301649	420.75	ng	-0.02
Target Compounds						Qvalue

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

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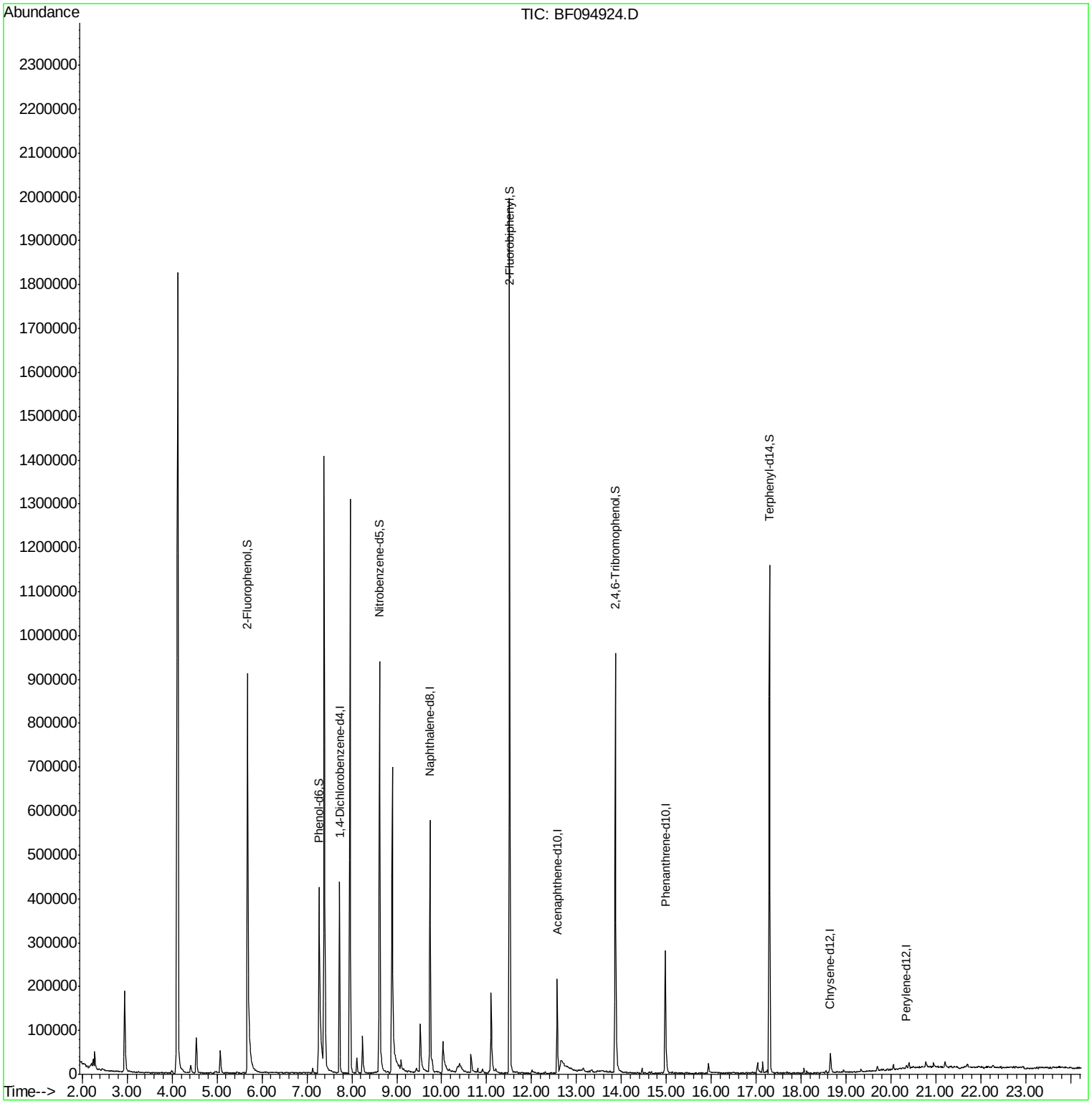
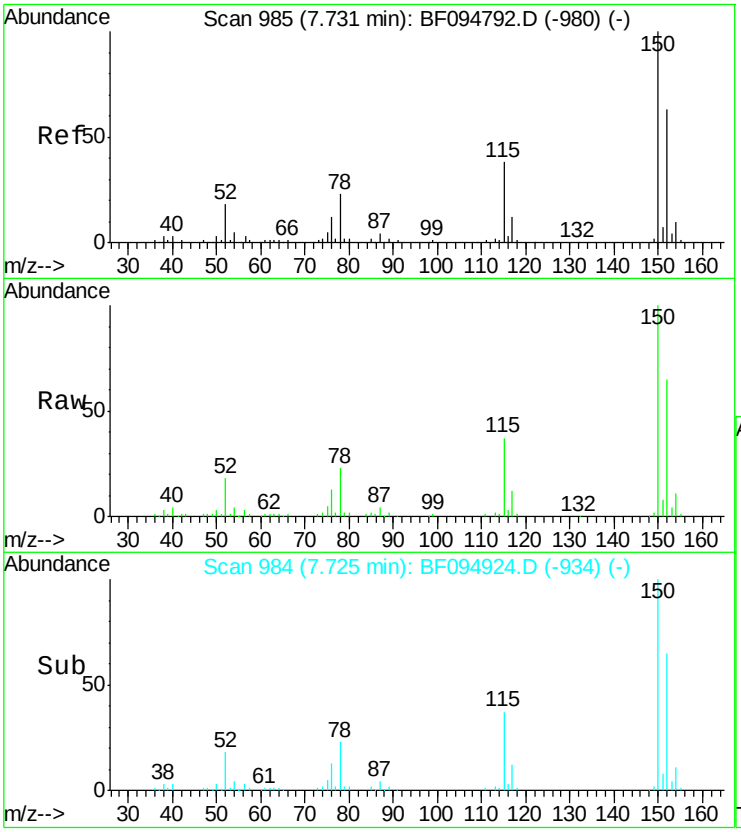


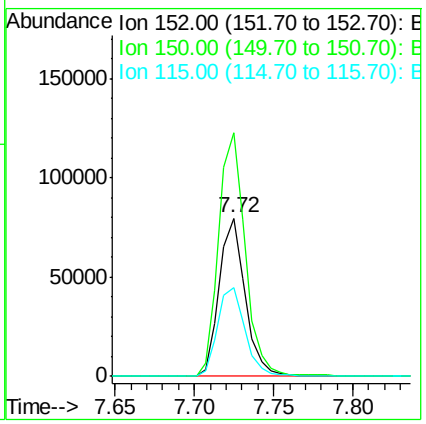


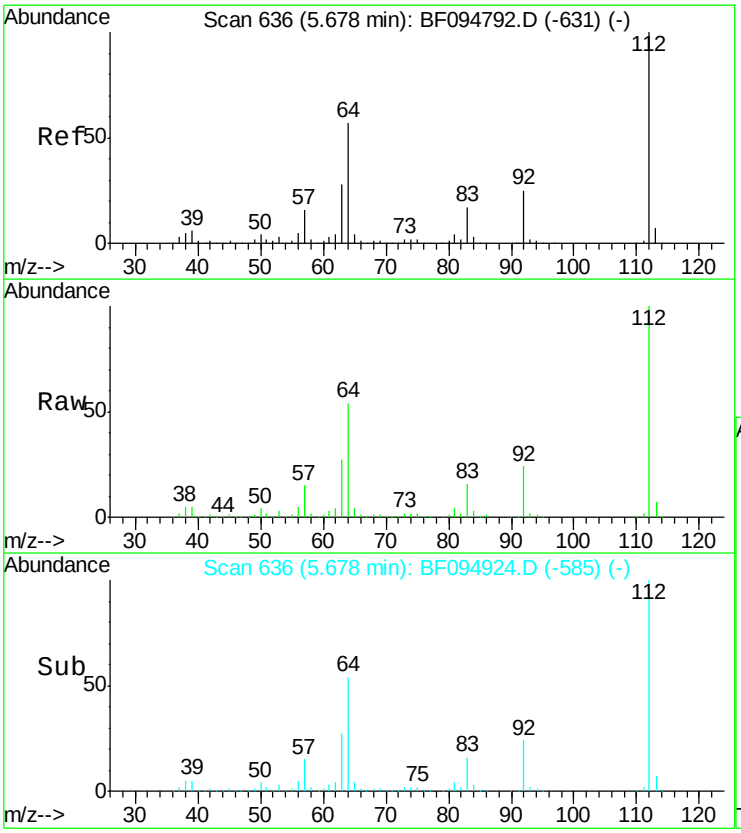
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094924.D
Acq: 5 May 2017 19:05

Instrument :
BNA_F
ClientSampleId :
RT-2342RE

Tgt Ion:152 Resp: 90707

Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.2	189.2
115	56.5	52.2	78.2

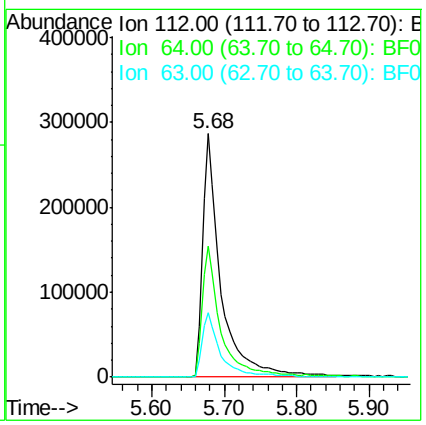


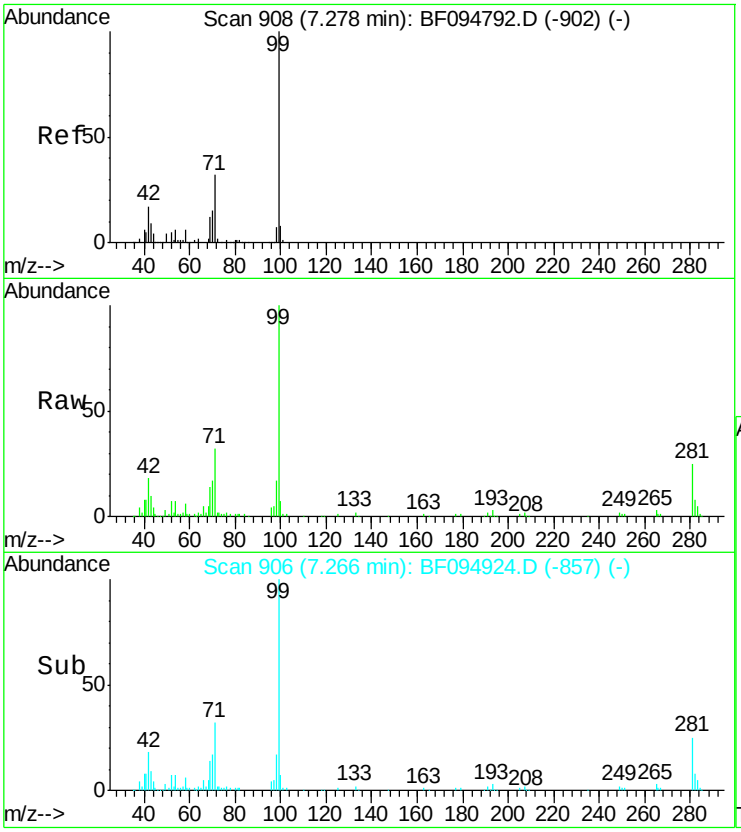


#5
2-Fluorophenol
Concen: 92.26 ng
RT: 5.68 min Scan# 636
Delta R.T. -0.00 min
Lab File: BF094924.D
Acq: 5 May 2017 19:05

Tgt Ion:112 Resp: 501973

Ion	Ratio	Lower	Upper
112	100		
64	54.0	46.0	69.0
63	26.7	23.4	35.0



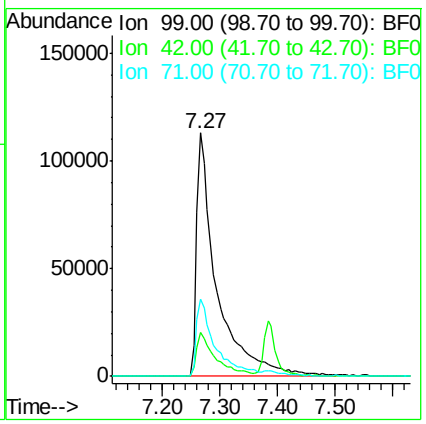


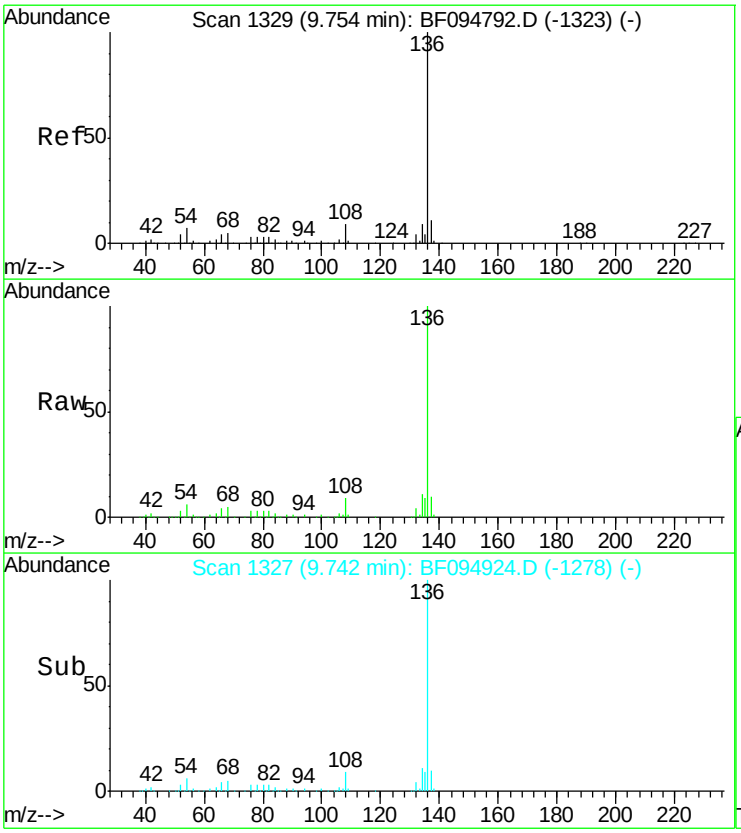
#7
Phenol-d6
Concen: 42.25 ng
RT: 7.27 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF094924.D
Acq: 5 May 2017 19:05

Instrument :
BNA_F
ClientSampleId :
RT-2342RE

Tgt Ion: 99 Resp: 275811

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.5	20.3
71	31.7	24.5	36.7

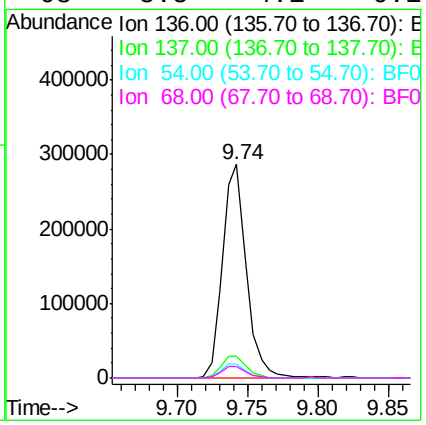


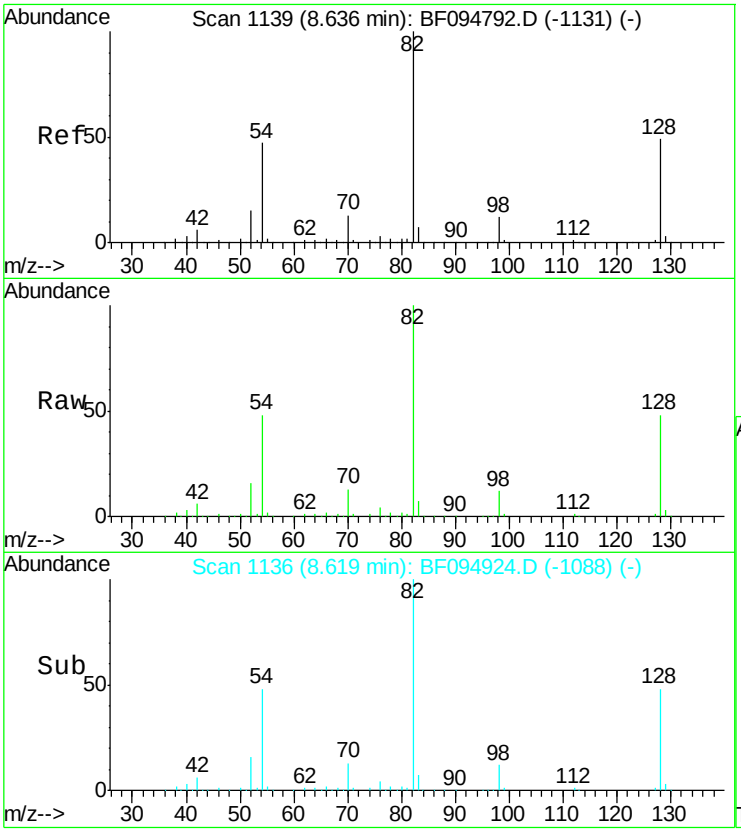


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094924.D
Acq: 5 May 2017 19:05

Tgt Ion:136 Resp: 336390

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.5	12.7
54	6.4	4.9	7.3
68	5.5	4.1	6.1



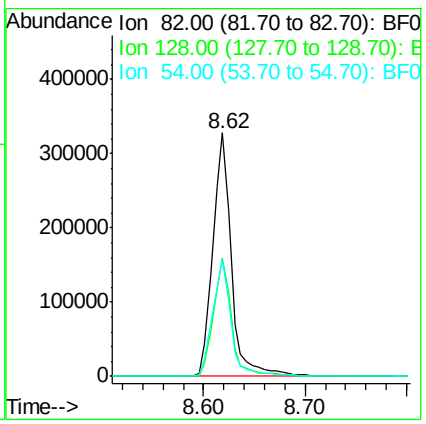


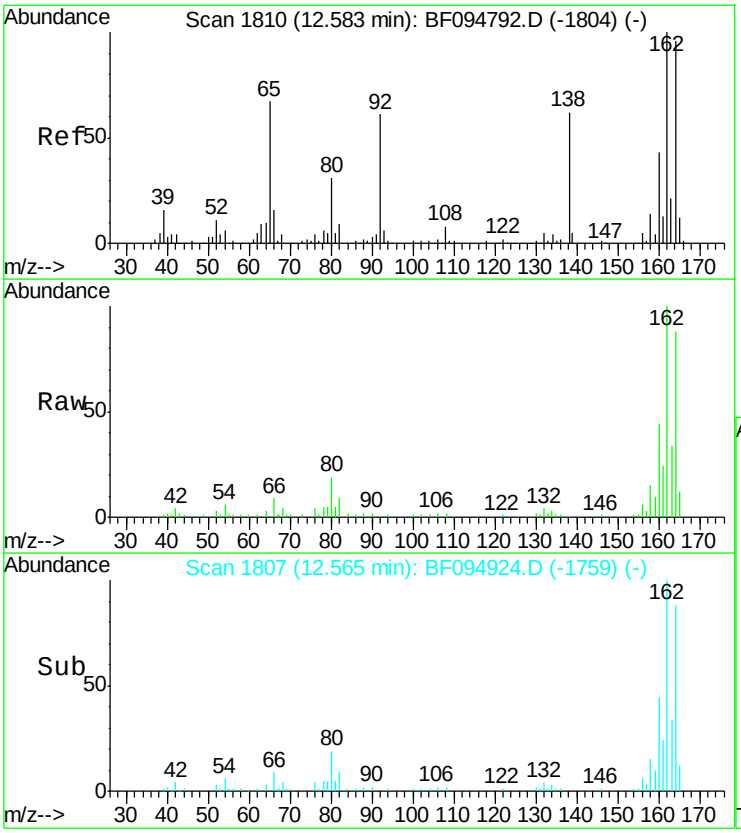
#23
Nitrobenzene-d5
Concen: 78.24 ng
RT: 8.62 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF094924.D
Acq: 5 May 2017 19:05

Instrument :
BNA_F
ClientSampleId :
RT-2342RE

Tgt Ion: 82 Resp: 417403

Ion	Ratio	Lower	Upper
82	100		
128	48.4	34.0	51.0
54	47.8	42.2	63.2

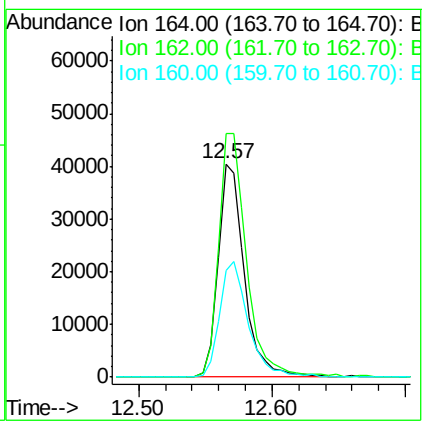


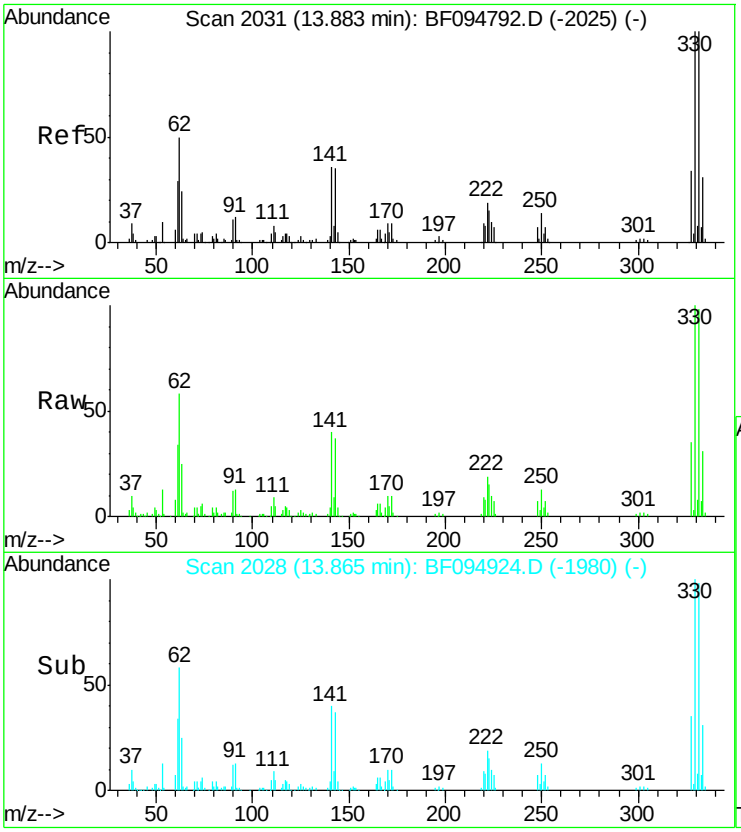


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BF094924.D
Acq: 5 May 2017 19:05

Tgt Ion:164 Resp: 55873

Ion	Ratio	Lower	Upper
164	100		
162	114.1	82.6	123.8
160	50.3	36.2	54.2



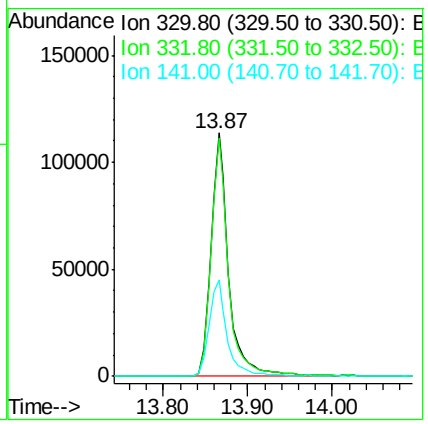


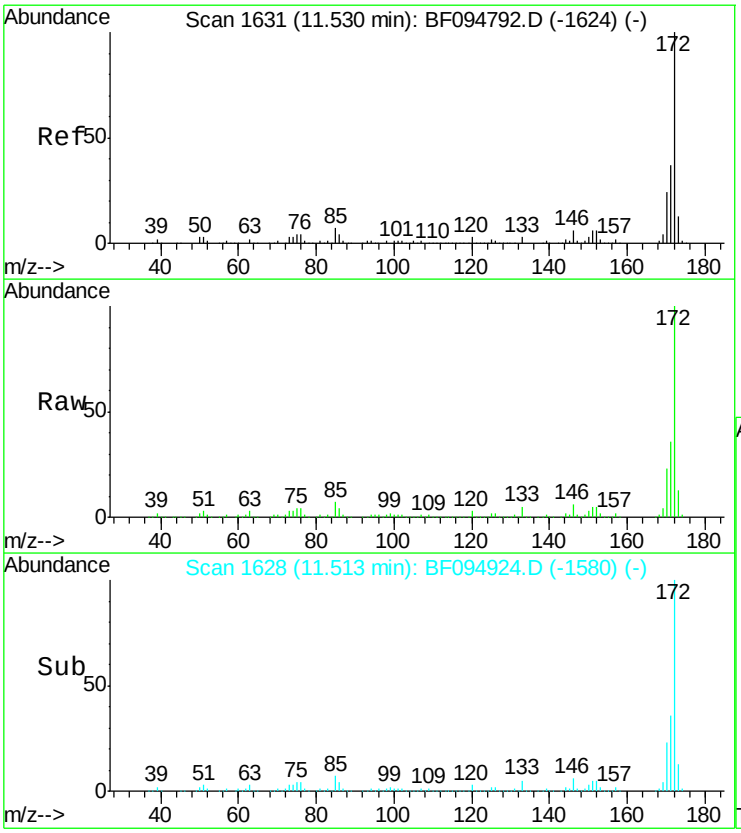
#41
2,4,6-Tribromophenol
Concen: 368.16 ng
RT: 13.87 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF094924.D
Acq: 5 May 2017 19:05

Instrument :
BNA_F
ClientSampleId :
RT-2342RE

Tgt Ion:330 Resp: 168465

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	40.3	31.4	47.2

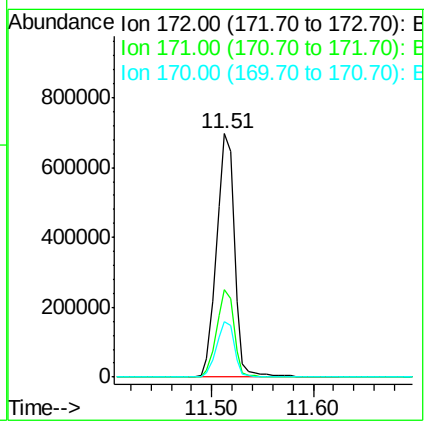


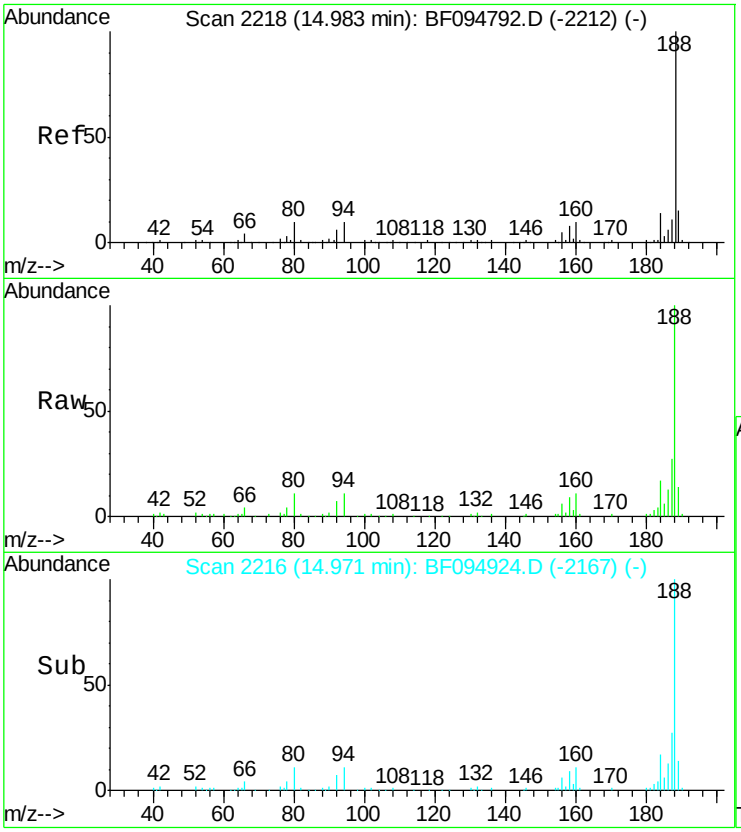


#44
2-Fluorobiphenyl
Concen: 221.14 ng
RT: 11.51 min Scan# 1628
Delta R.T. -0.02 min
Lab File: BF094924.D
Acq: 5 May 2017 19:05

Tgt Ion:172 Resp: 858413

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.0	19.8	29.8



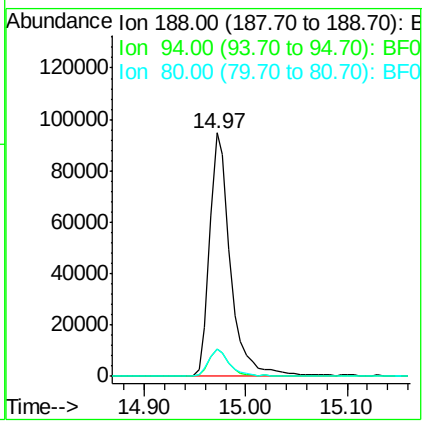


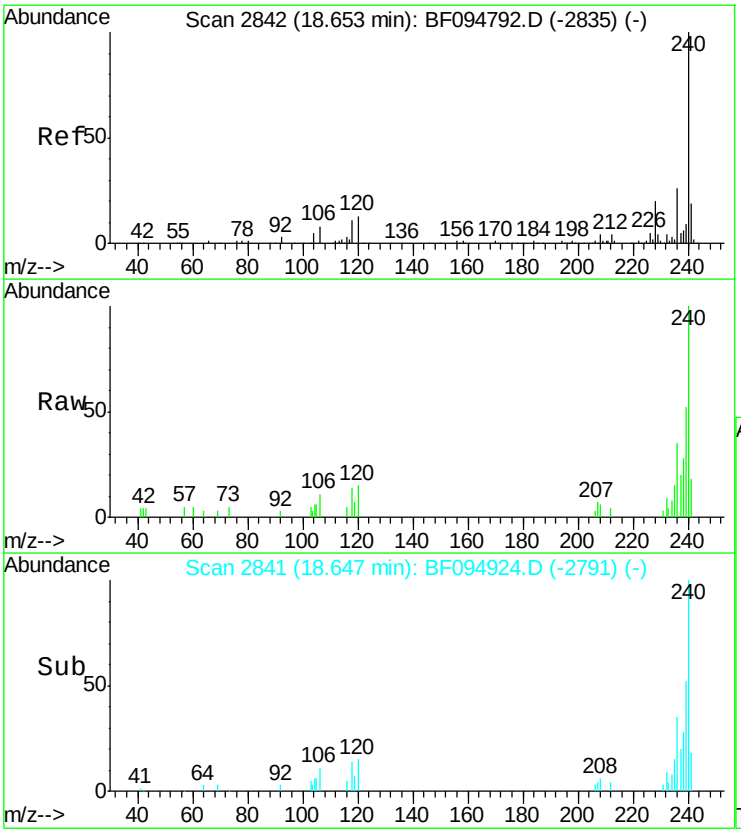
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094924.D
Acq: 5 May 2017 19:05

Instrument :
BNA_F
ClientSampleId :
RT-2342RE

Tgt Ion:188 Resp: 135523

Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.4	14.2
80	11.0	10.2	15.2

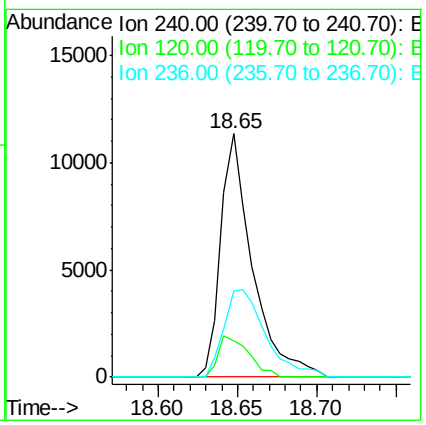


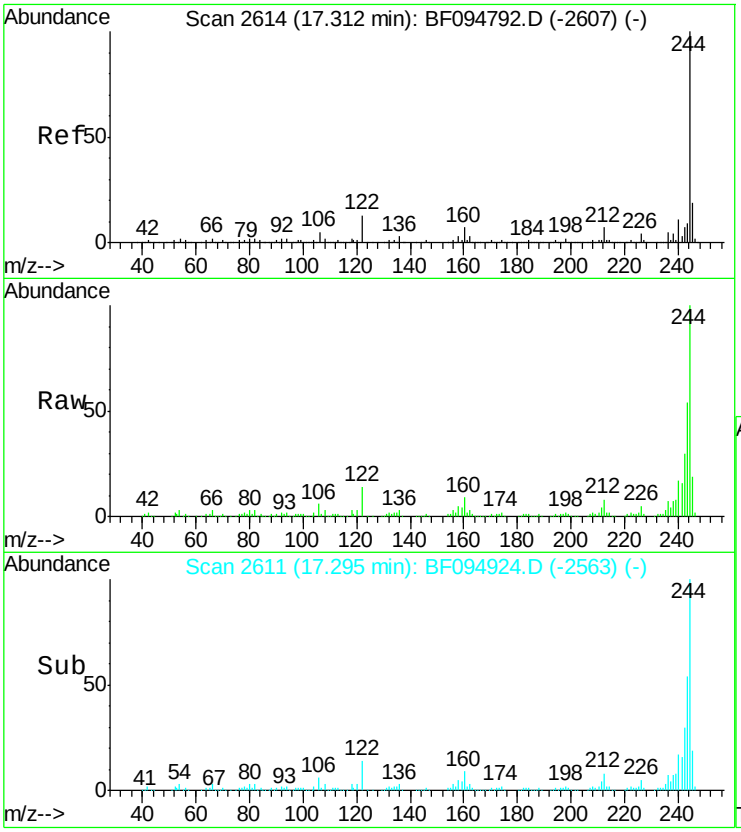


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.65 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BF094924.D
Acq: 5 May 2017 19:05

Tgt Ion:240 Resp: 15791

Ion	Ratio	Lower	Upper
240	100		
120	14.9	5.8	8.8#
236	35.4	20.5	30.7#



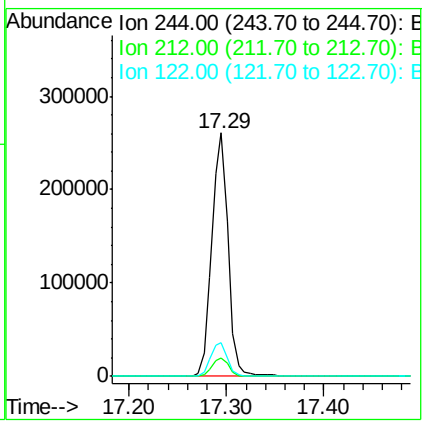


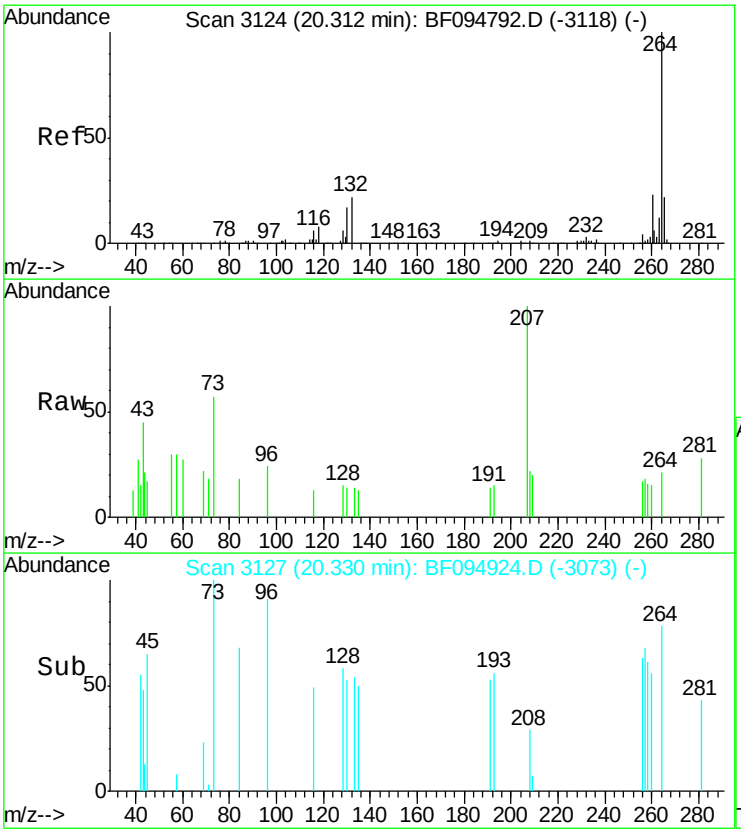
#78
Terphenyl-d14
Concen: 420.75 ng
RT: 17.29 min Scan# 2611
Delta R.T. -0.02 min
Lab File: BF094924.D
Acq: 5 May 2017 19:05

Instrument :
BNA_F
ClientSampleId :
RT-2342RE

Tgt Ion:244 Resp: 301649

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	13.8	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.33 min Scan# 3127
Delta R.T. 0.02 min
Lab File: BF094924.D
Acq: 5 May 2017 19:05

Tgt Ion:264 Resp: 169

Ion	Ratio	Lower	Upper
264	100		
260	72.4	19.5	29.3#
265	0.0	17.2	25.8#