Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095810.D
Acq On : 9 Jun 2017 6:22
Operator : SJ/MA
Sample : I3496-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-S6-BASE

Quant Time: Jun 09 07:33:46 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	67737	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	279745	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	115439	20.00	ng	-0.04
63) Phenanthrene-d10	14.62	188	180998	20.00	ng	-0.03
75) Chrysene-d12	18.33	240	136182	20.00	ng	-0.02
86) Perylene-d12	20.00	264	107181	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	77884	18.32	ng	0.00
7) Phenol-d6	6.95	99	98488	19.35	ng	-0.01
23) Nitrobenzene-d5	8.29	82	52648	11.69	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	15311	14.99	ng	-0.03
44) 2-Fluorobiphenyl	11.17	172	127991	15.43	ng	-0.04
78) Terphenyl-d14	16.99	244	83197	15.16	ng	-0.03
Target Compounds						Qvalue

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

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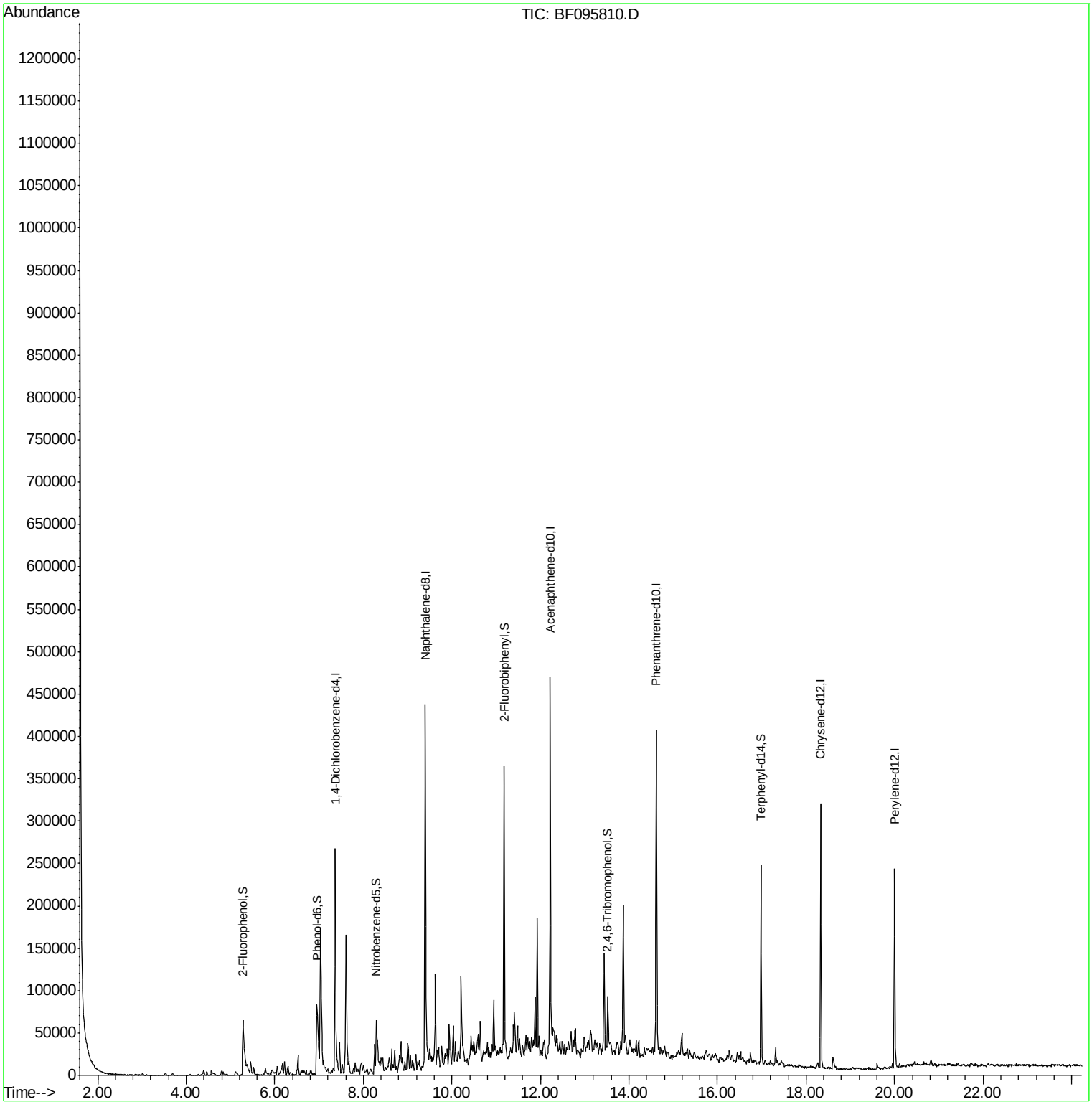
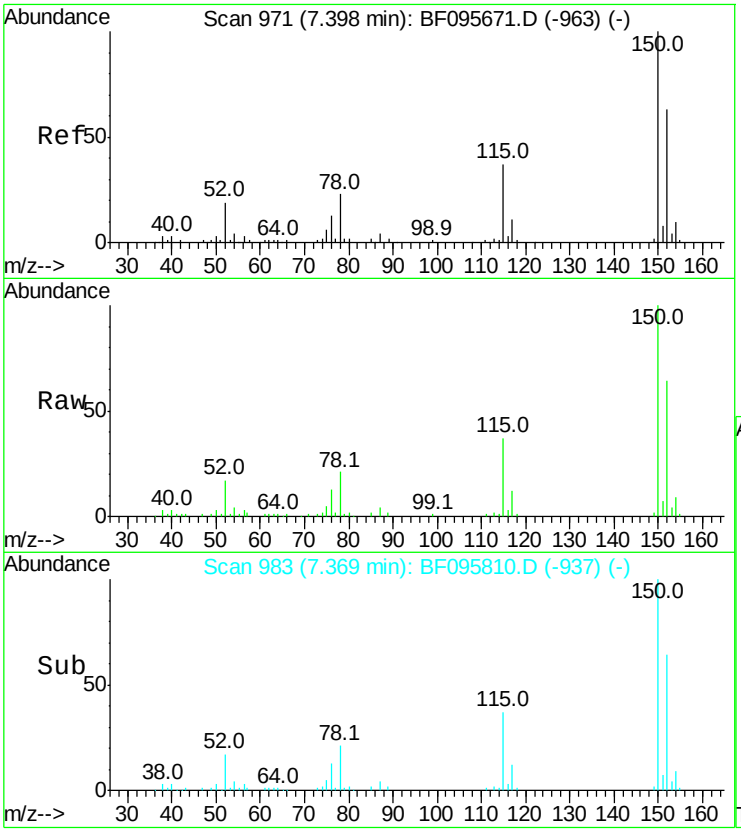


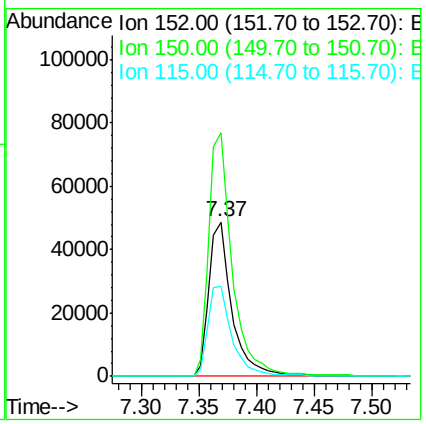


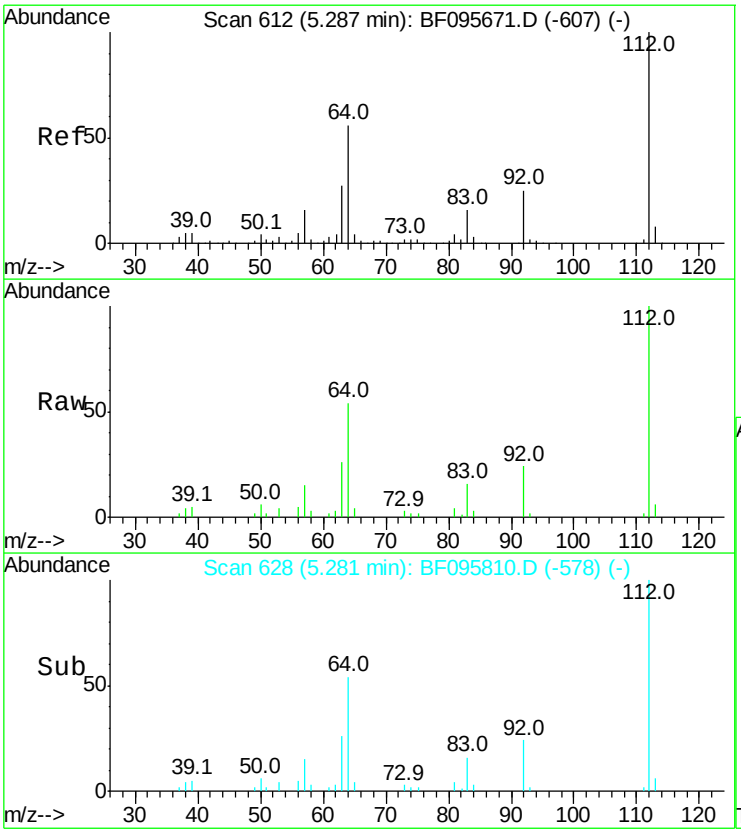
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095810.D
Acq: 9 Jun 2017 6:22

Instrument :
BNA_F
ClientSampleId :
E2-S6-BASE

Tgt Ion:152 Resp: 67737

Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.2	189.2
115	58.2	52.2	78.2

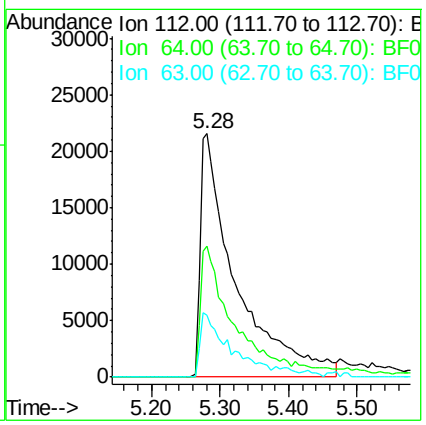


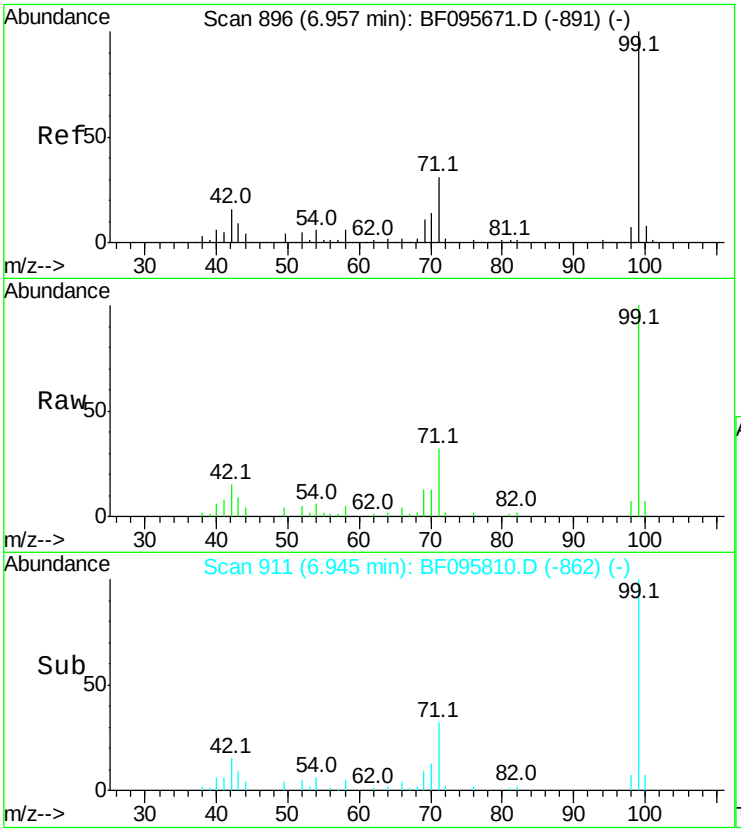


#5
2-Fluorophenol
Concen: 18.32 ng
RT: 5.28 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF095810.D
Acq: 9 Jun 2017 6:22

Tgt Ion:112 Resp: 77884

Ion	Ratio	Lower	Upper
112	100		
64	53.9	46.0	69.0
63	25.7	23.4	35.0



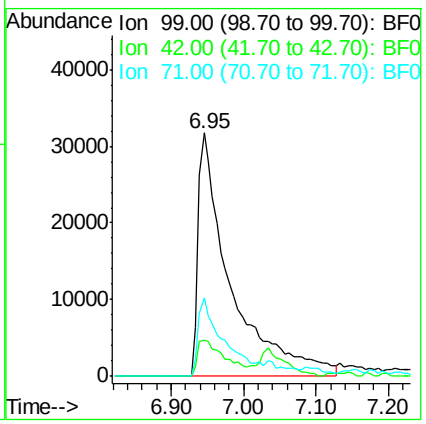


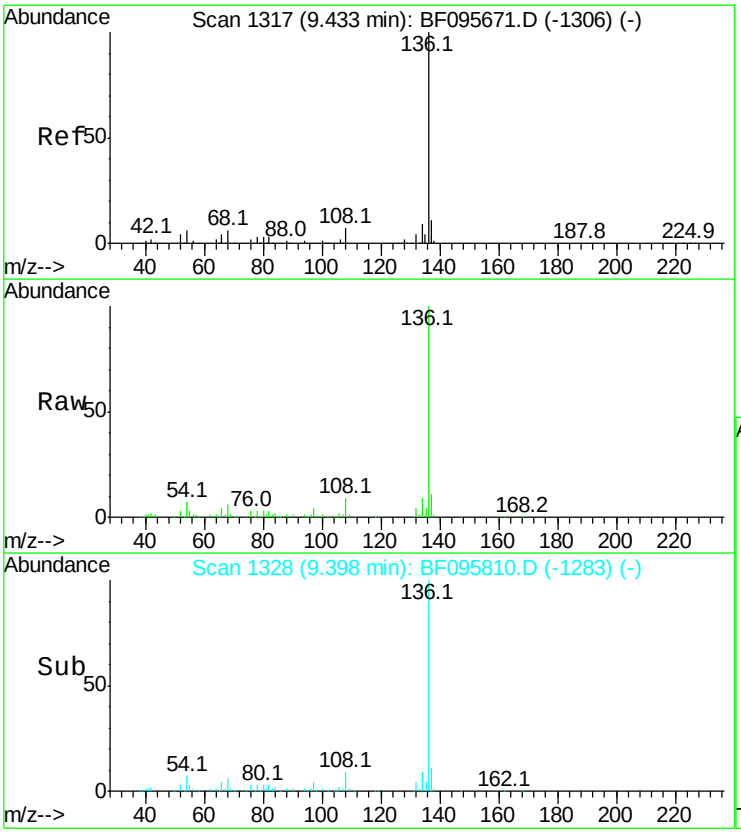
#7
Phenol-d6
Concen: 19.35 ng
RT: 6.95 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF095810.D
Acq: 9 Jun 2017 6:22

Instrument :
BNA_F
ClientSampleId :
E2-S6-BASE

Tgt Ion: 99 Resp: 98488

Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.5	20.3
71	32.4	24.5	36.7

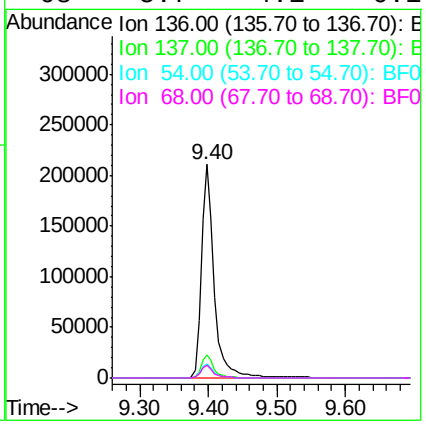


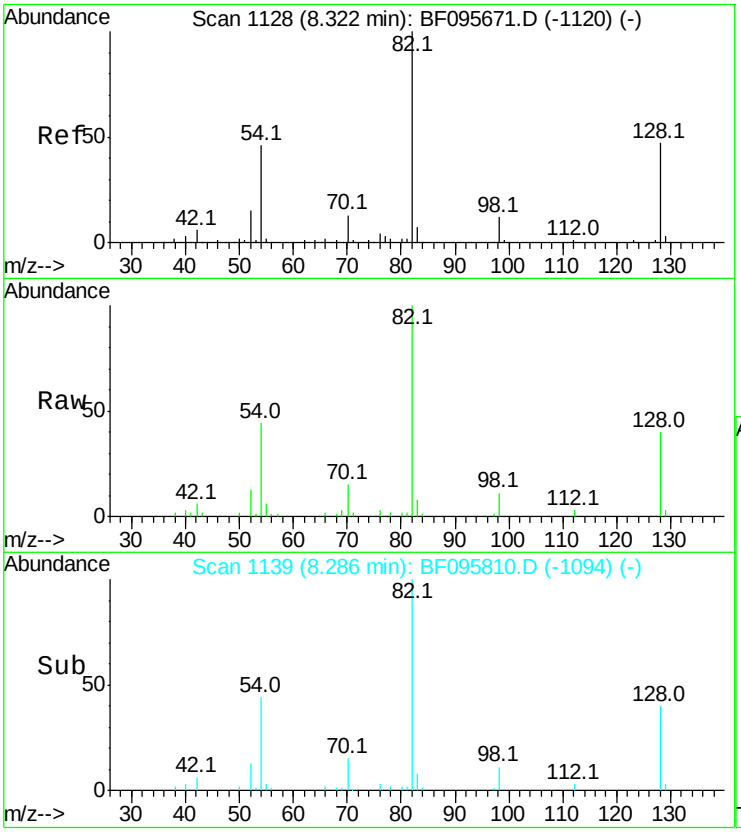


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.40 min Scan# 1328
Delta R.T. -0.04 min
Lab File: BF095810.D
Acq: 9 Jun 2017 6:22

Tgt Ion:136 Resp: 279745

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	6.7	4.9	7.3
68	5.7	4.1	6.1



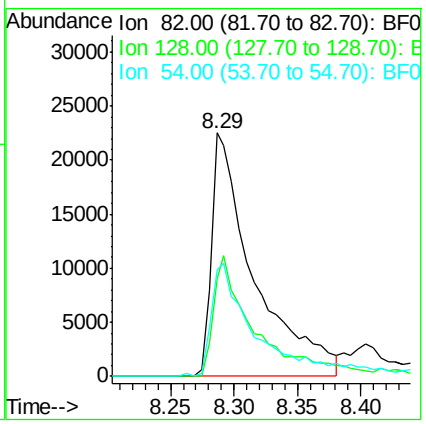


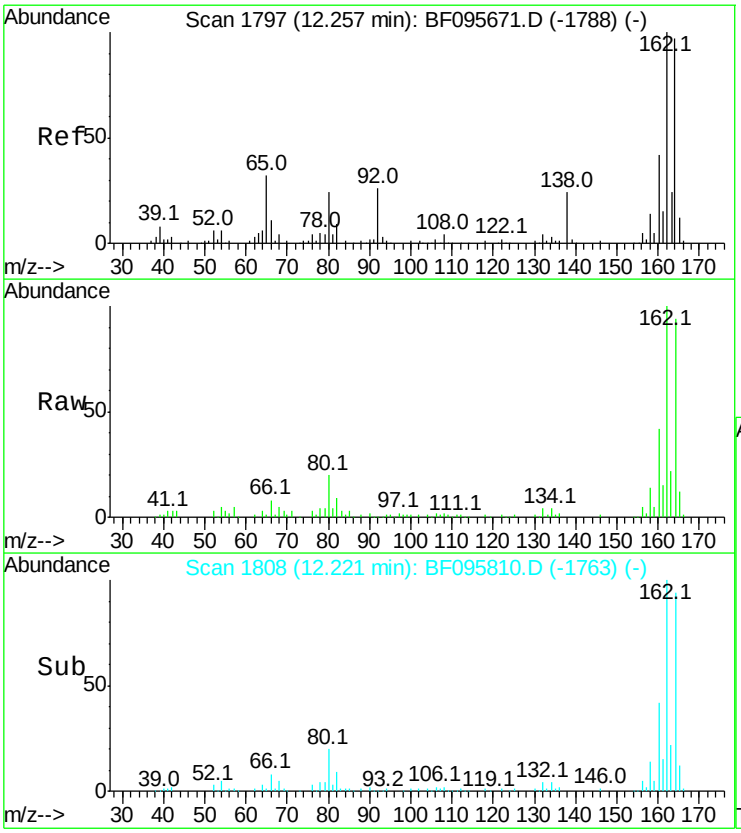
#23
Nitrobenzene-d5
Concen: 11.69 ng
RT: 8.29 min Scan# 1139
Delta R.T. -0.04 min
Lab File: BF095810.D
Acq: 9 Jun 2017 6:22

Instrument :
BNA_F
ClientSampleId :
E2-S6-BASE

Tgt Ion: 82 Resp: 52648

Ion	Ratio	Lower	Upper
82	100		
128	40.2	34.0	51.0
54	43.8	42.2	63.2

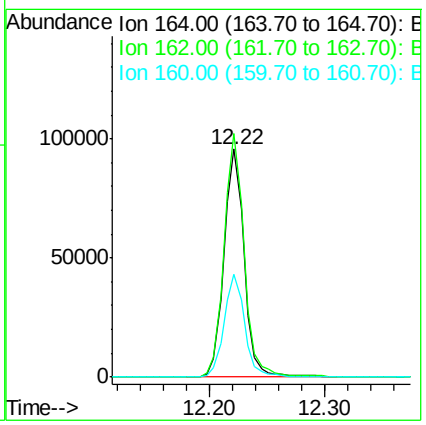


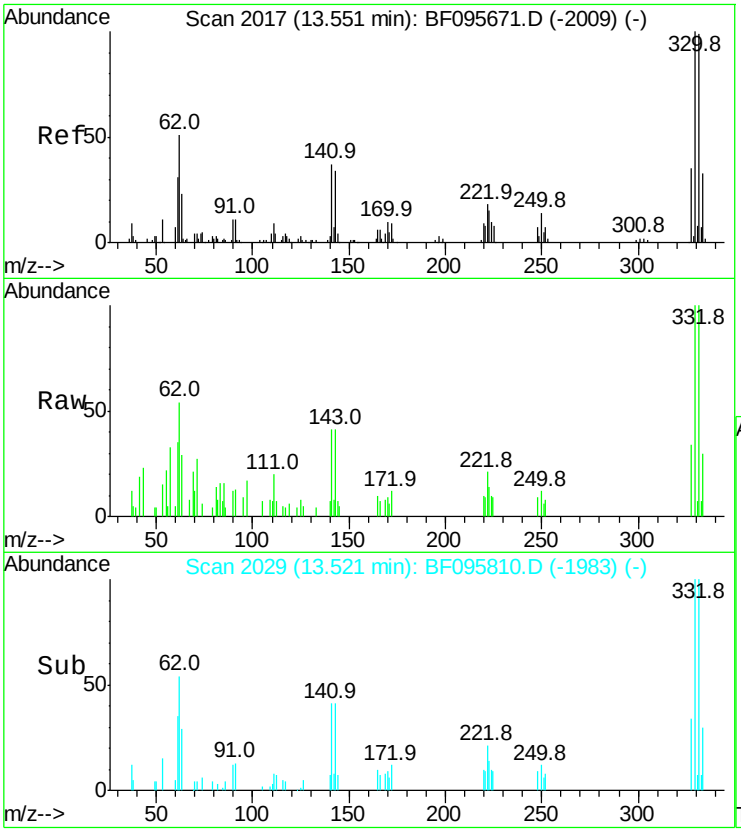


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 1808
Delta R.T. -0.04 min
Lab File: BF095810.D
Acq: 9 Jun 2017 6:22

Tgt Ion:164 Resp: 115439

Ion	Ratio	Lower	Upper
164	100		
162	106.9	82.6	123.8
160	45.2	36.2	54.2



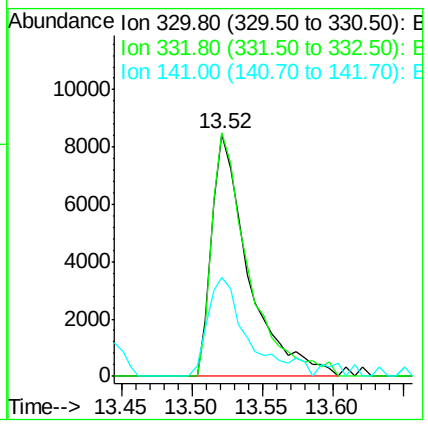


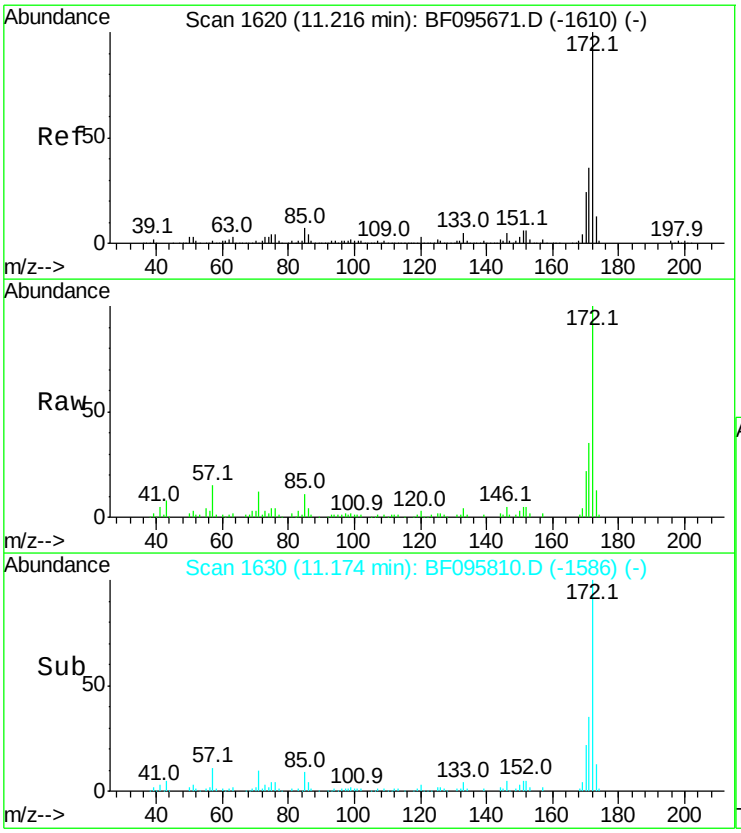
#41
2,4,6-Tribromophenol
Concen: 14.99 ng
RT: 13.52 min Scan# 2029
Delta R.T. -0.03 min
Lab File: BF095810.D
Acq: 9 Jun 2017 6:22

Instrument :
BNA_F
ClientSampleId :
E2-S6-BASE

Tgt Ion:330 Resp: 15311

Ion	Ratio	Lower	Upper
330	100		
332	100.2	76.6	115.0
141	44.2	31.4	47.2

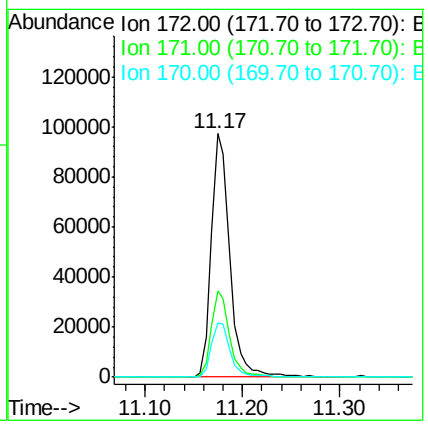


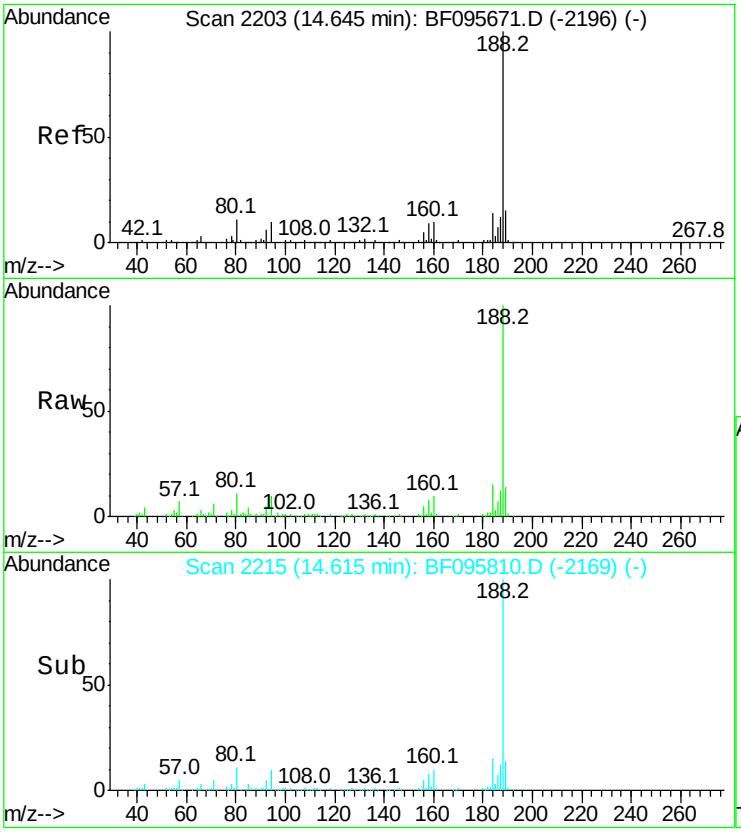


#44
2-Fluorobiphenyl
Concen: 15.43 ng
RT: 11.17 min Scan# 1630
Delta R.T. -0.04 min
Lab File: BF095810.D
Acq: 9 Jun 2017 6:22

Tgt Ion:172 Resp: 127991

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	22.3	19.8	29.8



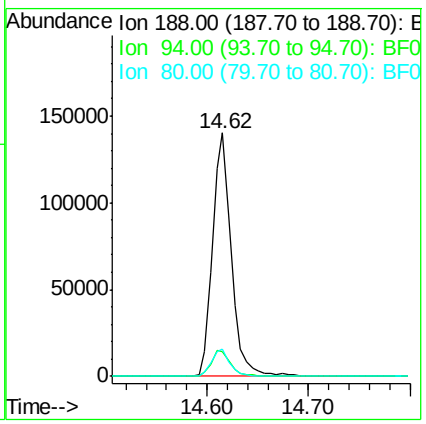


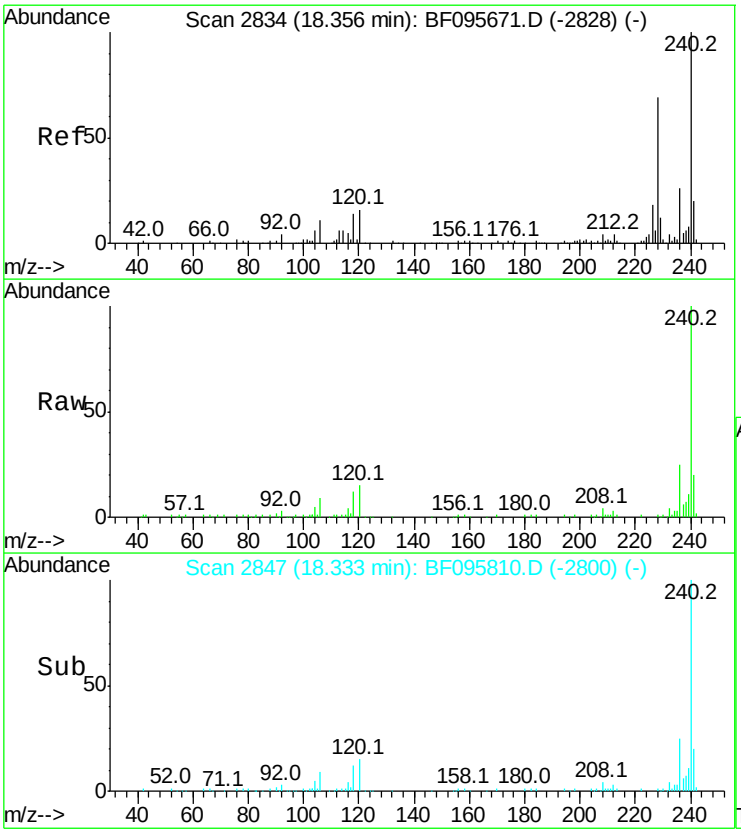
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095810.D
Acq: 9 Jun 2017 6:22

Instrument :
BNA_F
ClientSampleId :
E2-S6-BASE

Tgt Ion:188 Resp: 180998

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	11.0	10.2	15.2

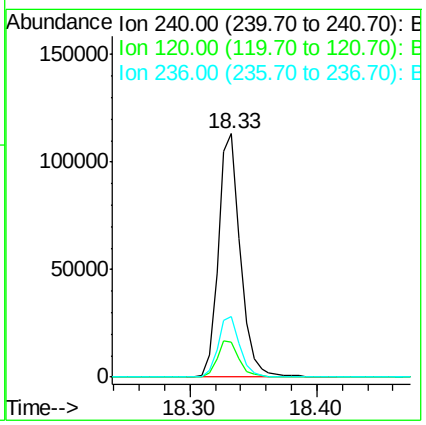


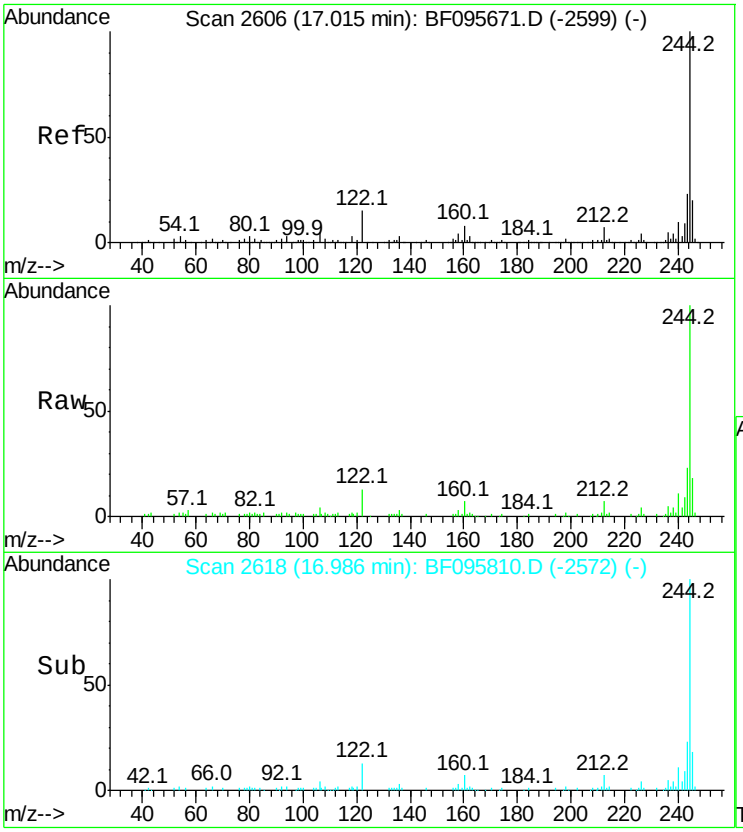


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.33 min Scan# 2847
Delta R.T. -0.02 min
Lab File: BF095810.D
Acq: 9 Jun 2017 6:22

Tgt Ion:240 Resp: 136182

Ion	Ratio	Lower	Upper
240	100		
120	14.6	5.8	8.8#
236	24.7	20.5	30.7



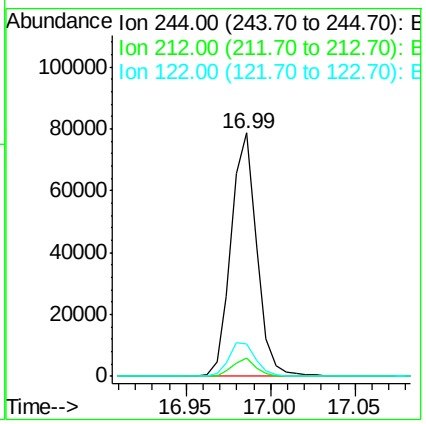


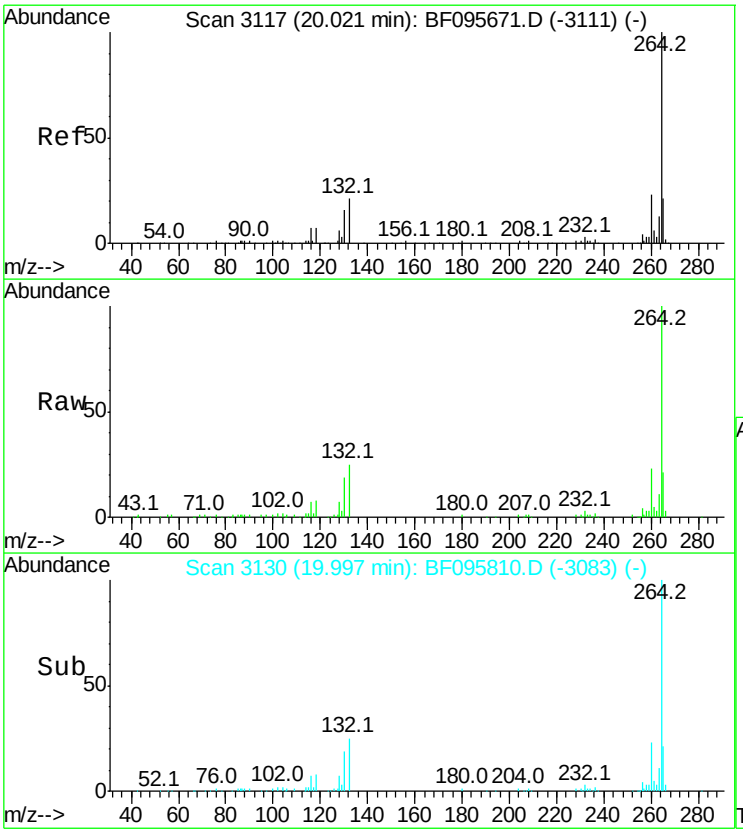
#78
Terphenyl-d14
Concen: 15.16 ng
RT: 16.99 min Scan# 2618
Delta R.T. -0.03 min
Lab File: BF095810.D
Acq: 9 Jun 2017 6:22

Instrument :
BNA_F
ClientSampleId :
E2-S6-BASE

Tgt Ion:244 Resp: 83197

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	13.3	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.00 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BF095810.D
Acq: 9 Jun 2017 6:22

Tgt Ion:264 Resp: 107181

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.1	17.2	25.8