Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096020.D
Acq On : 19 Jun 2017 22:46
Operator : SJ/MA
Sample : I3676-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05-5-6

Quant Time: Jun 20 03:51:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 17:12:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	79118	20.00	ng	-0.02
21) Naphthalene-d8	9.33	136	316291	20.00	ng	-0.02
38) Acenaphthene-d10	12.16	164	128933	20.00	ng	-0.02
63) Phenanthrene-d10	14.55	188	188775	20.00	ng	-0.02
75) Chrysene-d12	18.28	240	150972	20.00	ng	-0.02
86) Perylene-d12	19.95	264	128068	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	89389	18.00	ng	0.01
7) Phenol-d6	6.91	99	124763	20.99	ng	0.00
23) Nitrobenzene-d5	8.25	82	66391	13.04	ng	0.00
41) 2,4,6-Tribromophenol	13.47	330	18380	16.11	ng	-0.01
44) 2-Fluorobiphenyl	11.12	172	134878	14.56	ng	-0.02
78) Terphenyl-d14	16.93	244	78572	12.92	ng	-0.02
Target Compounds						Qvalue

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

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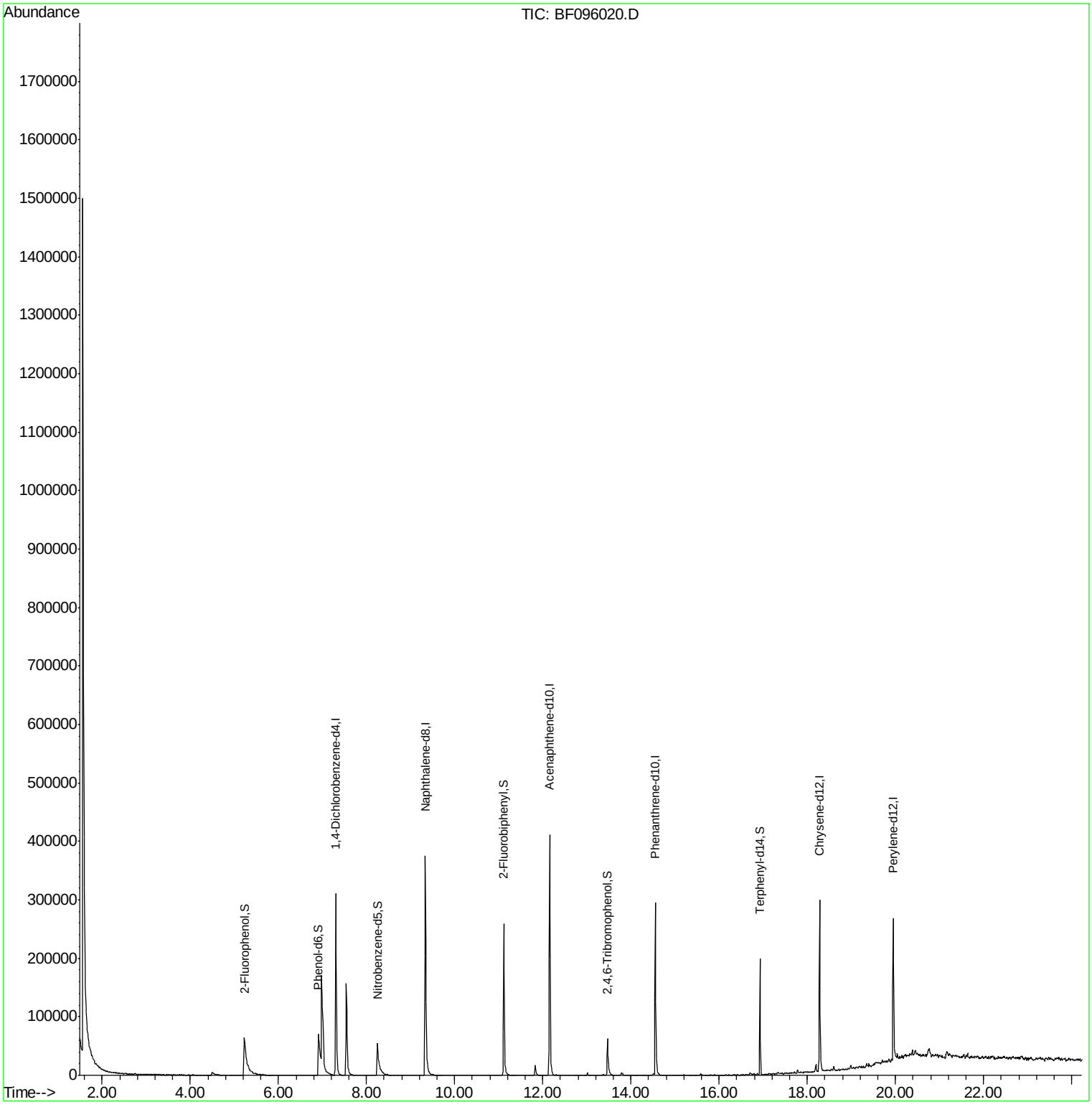
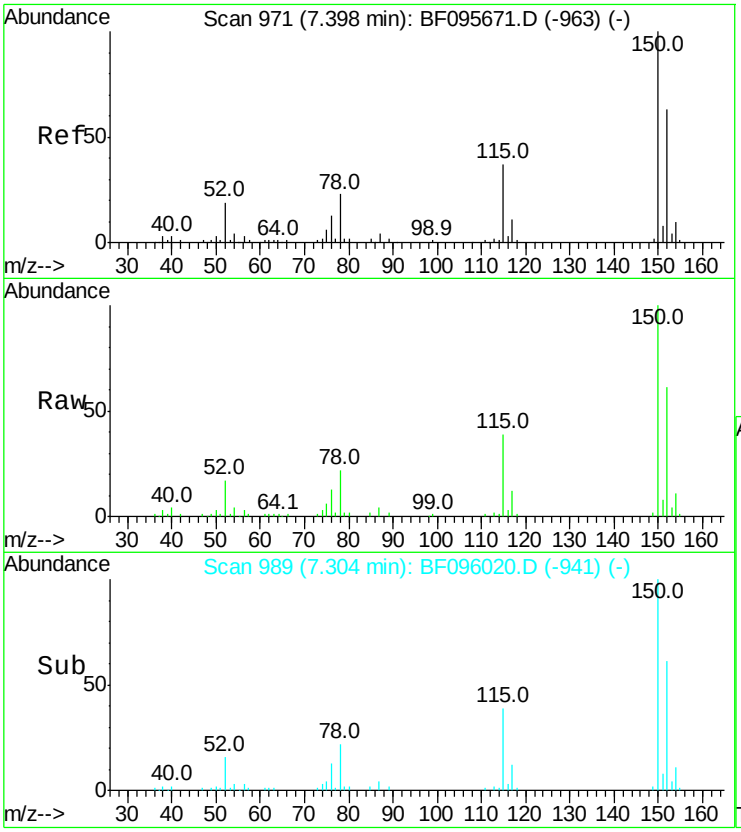


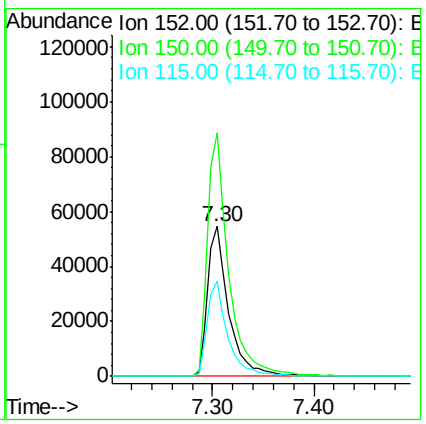


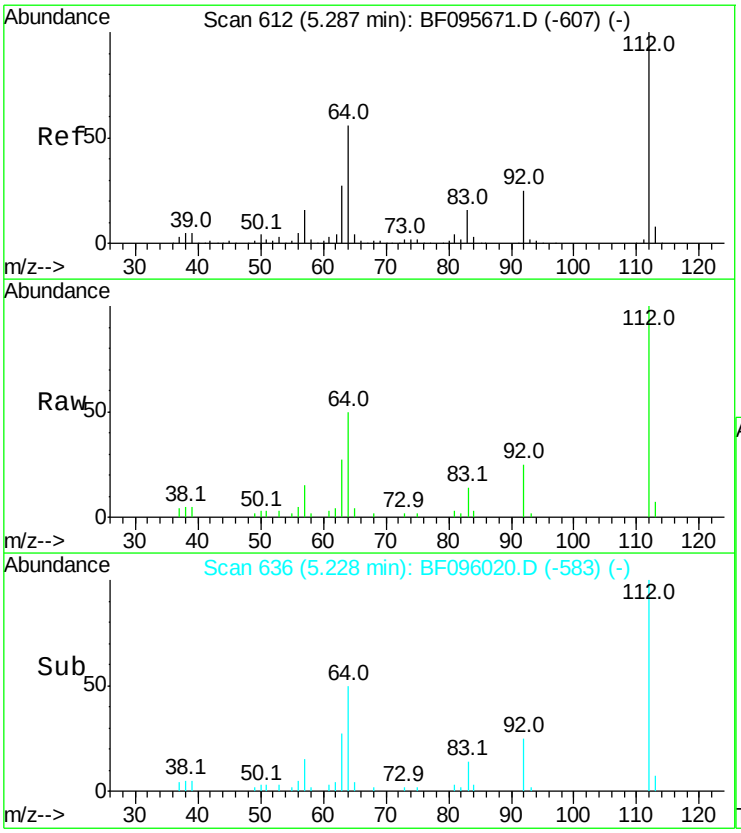
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF096020.D
Acq: 19 Jun 2017 22:46

Instrument :
BNA_F
ClientSampleId :
SB-05-5-6

Tgt Ion:152 Resp: 79118

Ion	Ratio	Lower	Upper
152	100		
150	162.6	126.2	189.2
115	63.2	52.2	78.2

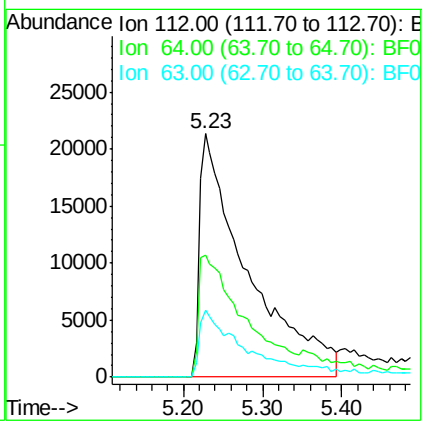


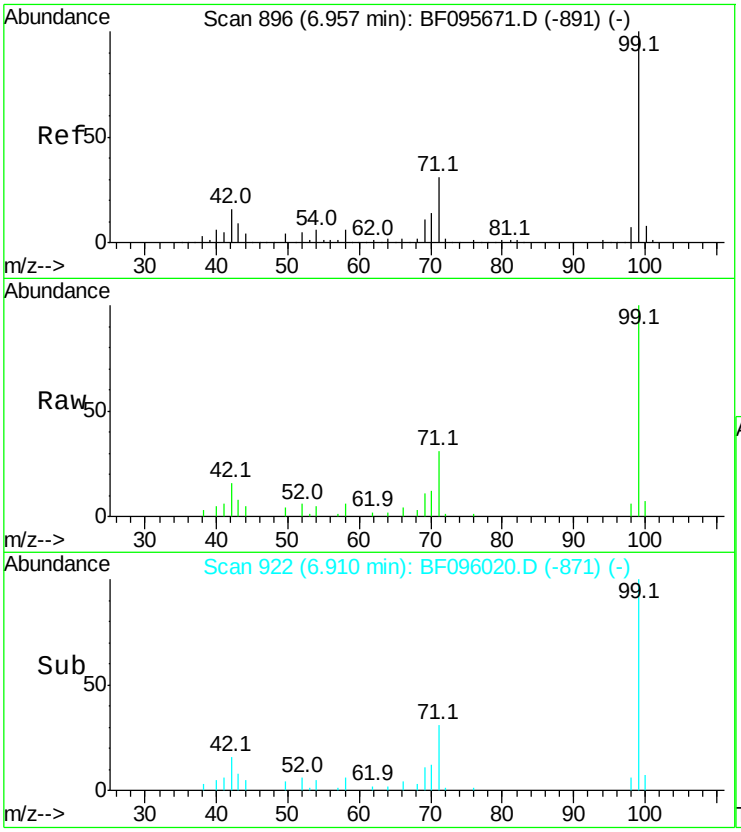


#5
2-Fluorophenol
Concen: 18.00 ng
RT: 5.23 min Scan# 636
Delta R.T. 0.01 min
Lab File: BF096020.D
Acq: 19 Jun 2017 22:46

Tgt Ion:112 Resp: 89389

Ion	Ratio	Lower	Upper
112	100		
64	50.0	46.0	69.0
63	27.3	23.4	35.0



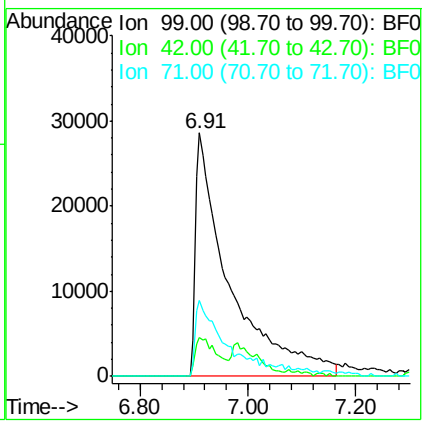


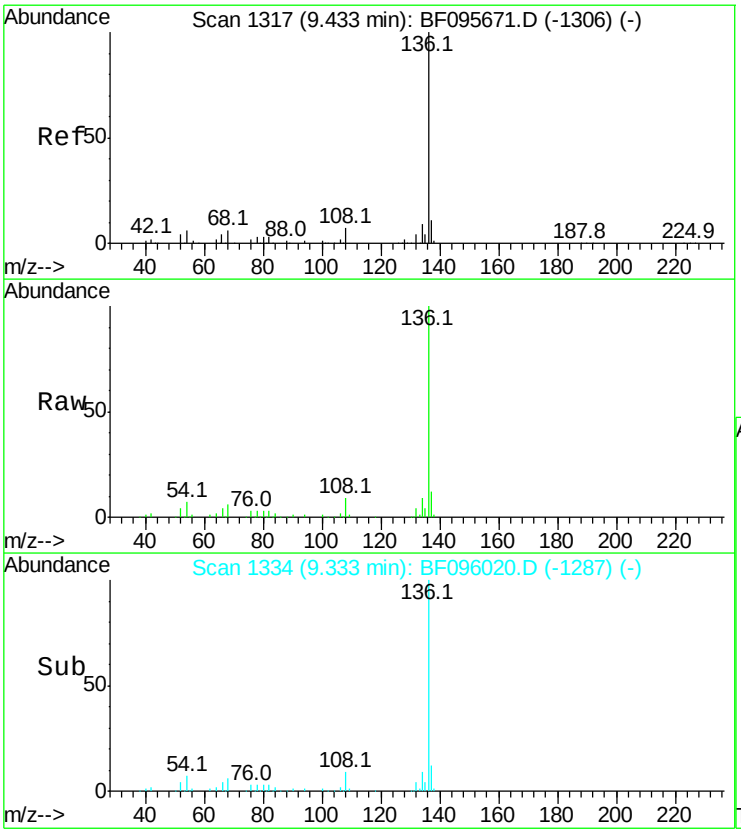
#7
Phenol-d6
Concen: 20.99 ng
RT: 6.91 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF096020.D
Acq: 19 Jun 2017 22:46

Instrument :
BNA_F
ClientSampleId :
SB-05-5-6

Tgt Ion: 99 Resp: 124763

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.5	20.3
71	30.9	24.5	36.7

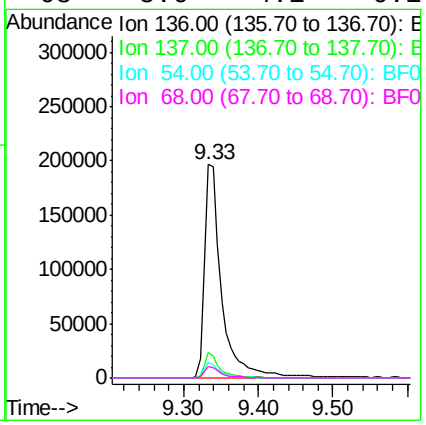


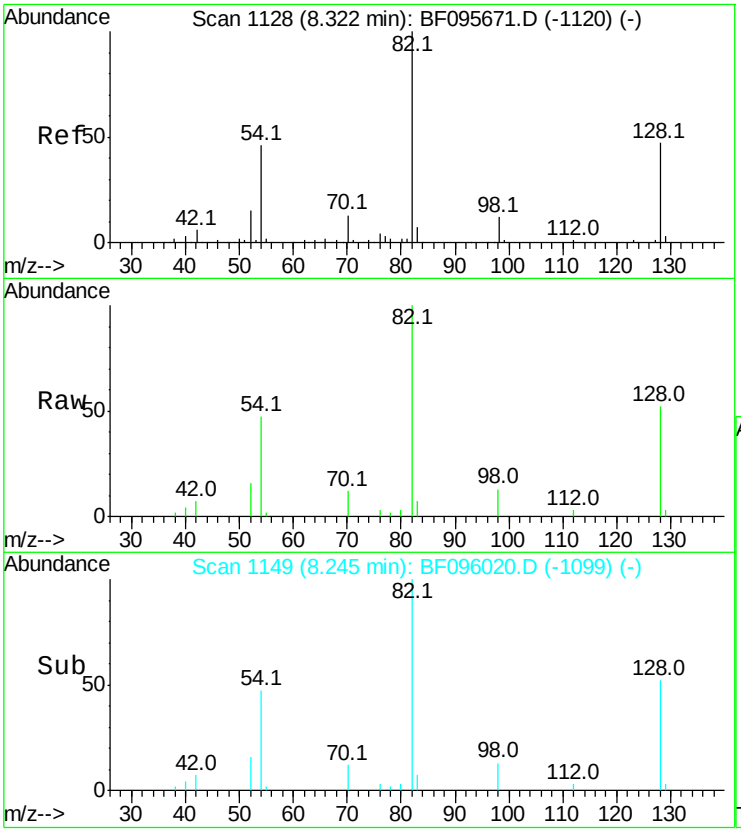


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.33 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BF096020.D
Acq: 19 Jun 2017 22:46

Tgt Ion:136 Resp: 316291

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.5	12.7
54	7.0	4.9	7.3
68	5.6	4.1	6.1



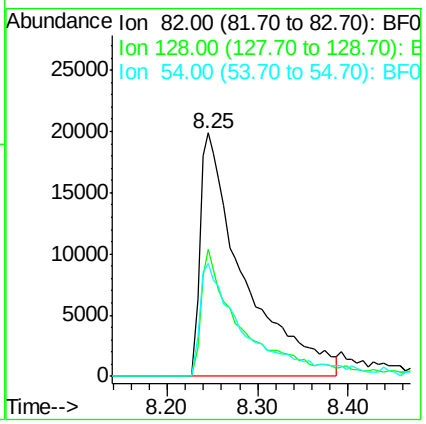


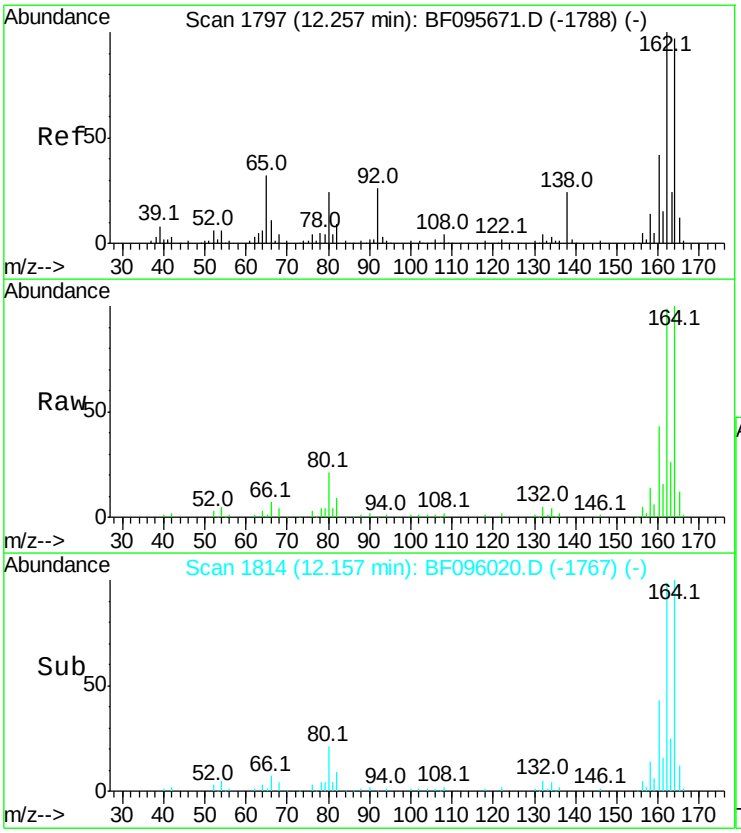
#23
Nitrobenzene-d5
Concen: 13.04 ng
RT: 8.25 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF096020.D
Acq: 19 Jun 2017 22:46

Instrument :
BNA_F
ClientSampleId :
SB-05-5-6

Tgt Ion: 82 Resp: 66391

Ion	Ratio	Lower	Upper
82	100		
128	52.2	34.0	51.0#
54	46.7	42.2	63.2

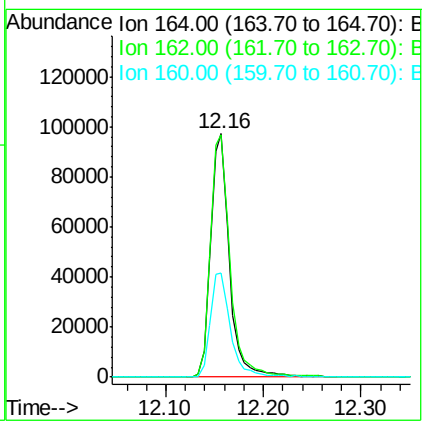


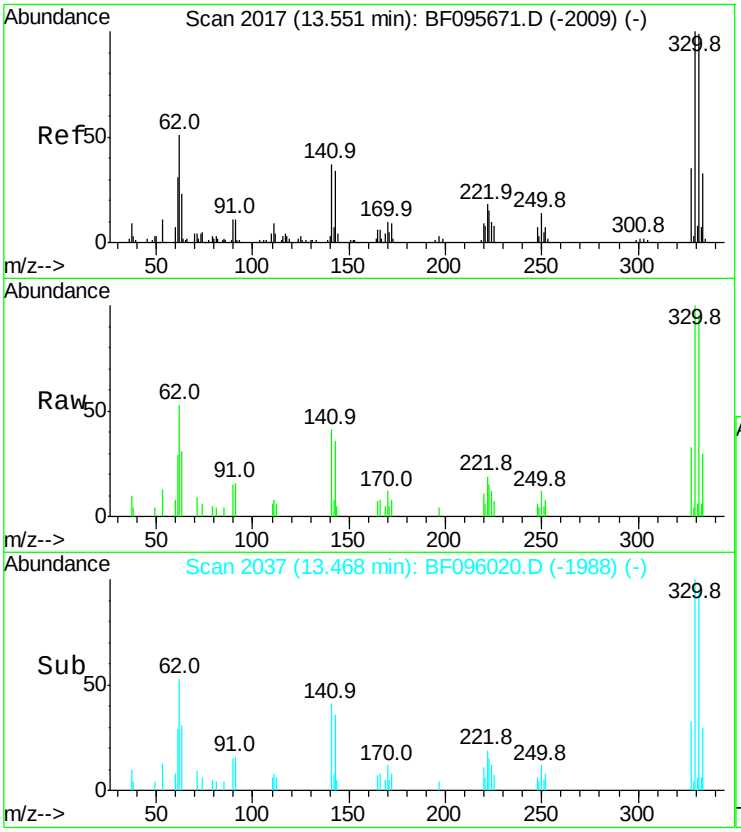


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.16 min Scan# 1814
Delta R.T. -0.02 min
Lab File: BF096020.D
Acq: 19 Jun 2017 22:46

Tgt Ion:164 Resp: 128933

Ion	Ratio	Lower	Upper
164	100		
162	99.4	82.6	123.8
160	43.0	36.2	54.2



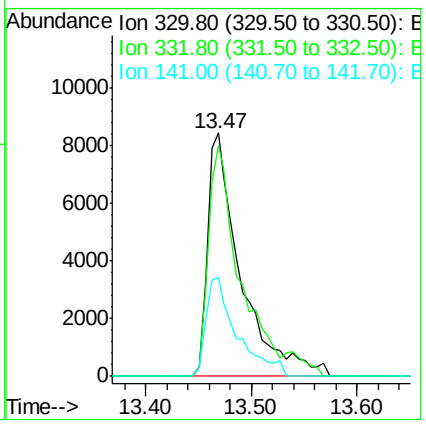


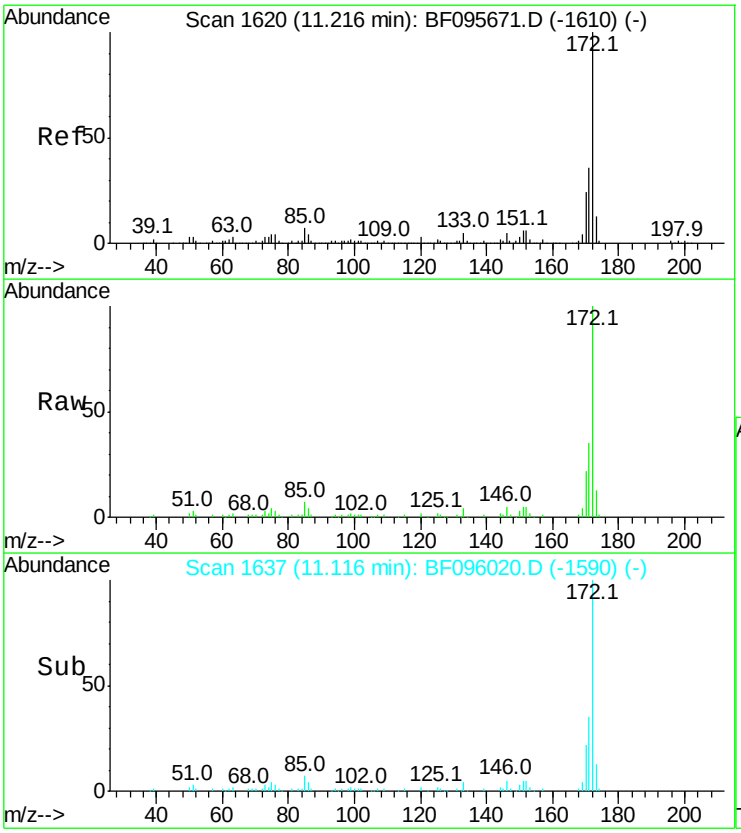
#41
2,4,6-Tribromophenol
Concen: 16.11 ng
RT: 13.47 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF096020.D
Acq: 19 Jun 2017 22:46

Instrument :
BNA_F
ClientSampleId :
SB-05-5-6

Tgt Ion:330 Resp: 18380

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	38.0	31.4	47.2

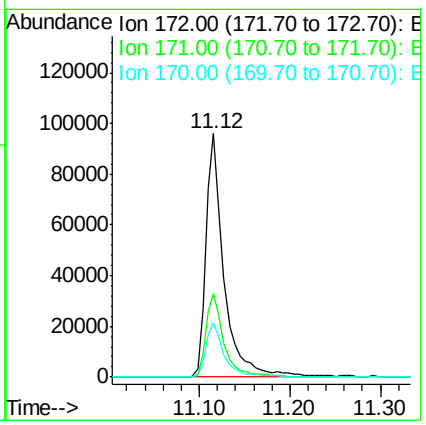


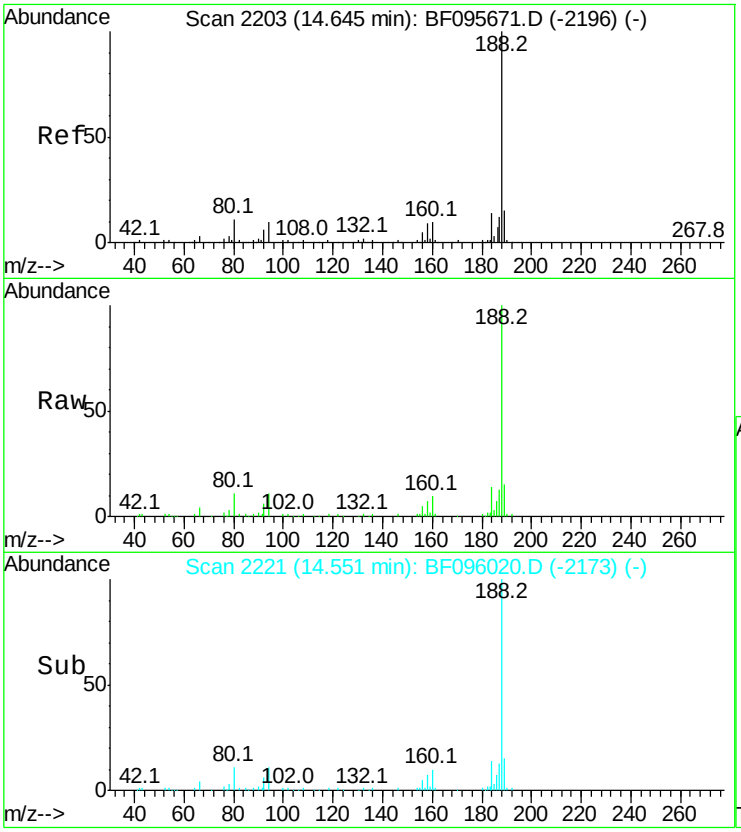


#44
2-Fluorobiphenyl
Concen: 14.56 ng
RT: 11.12 min Scan# 1637
Delta R.T. -0.02 min
Lab File: BF096020.D
Acq: 19 Jun 2017 22:46

Tgt Ion:172 Resp: 134878

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.6	44.4
170	22.4	19.8	29.8



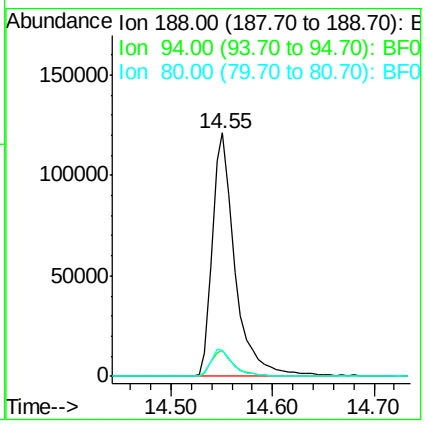


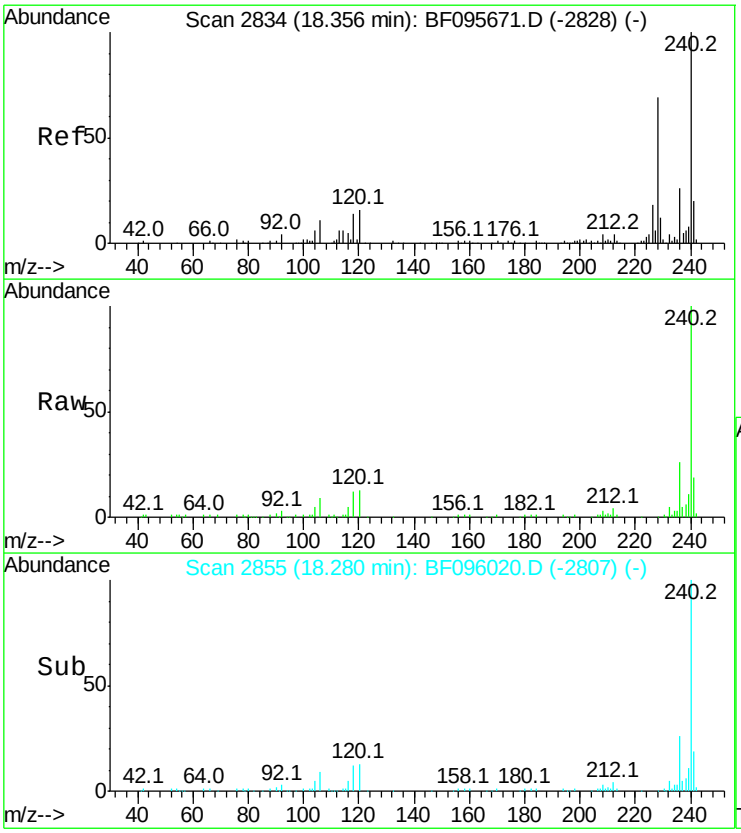
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.55 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF096020.D
Acq: 19 Jun 2017 22:46

Instrument :
BNA_F
ClientSampleId :
SB-05-5-6

Tgt Ion:188 Resp: 188775

Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	10.9	10.2	15.2

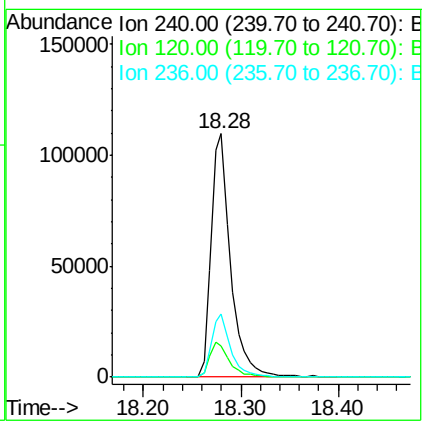


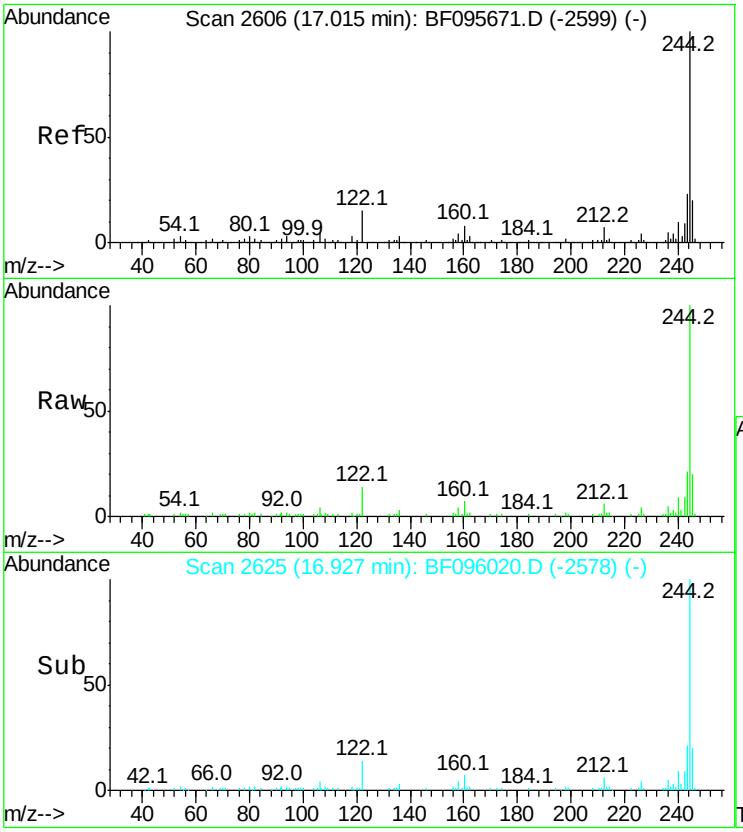


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.28 min Scan# 2855
Delta R.T. -0.02 min
Lab File: BF096020.D
Acq: 19 Jun 2017 22:46

Tgt Ion:240 Resp: 150972

Ion	Ratio	Lower	Upper
240	100		
120	12.8	5.8	8.8#
236	26.0	20.5	30.7



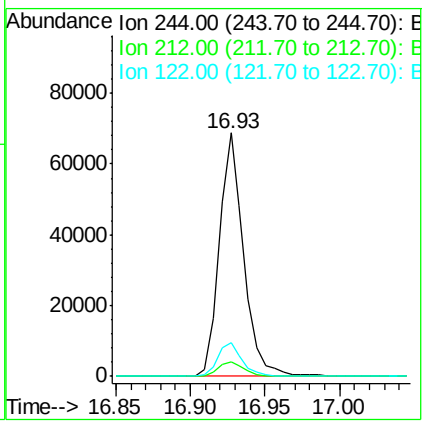


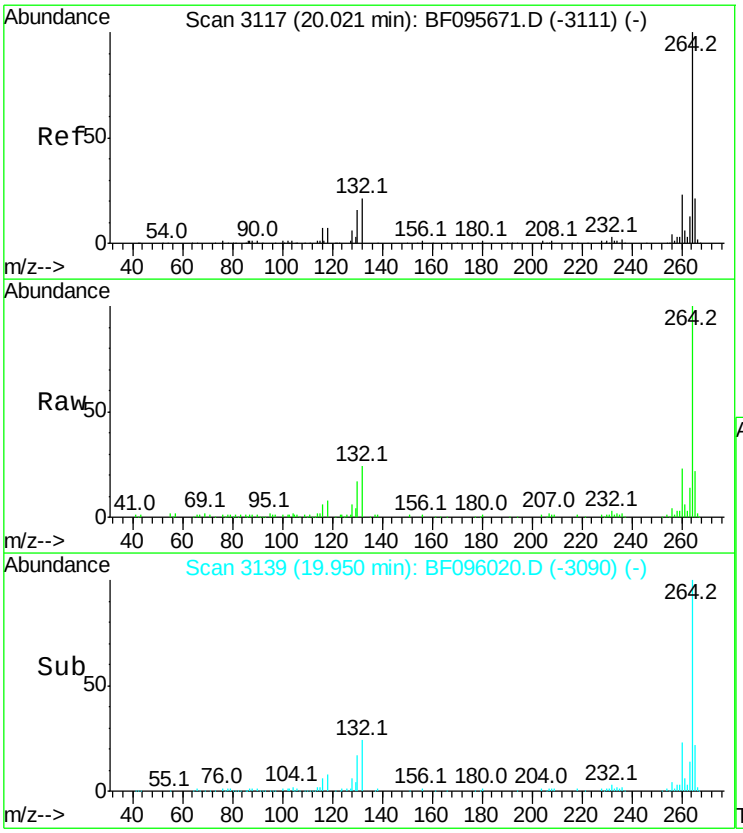
#78
Terphenyl-d14
Concen: 12.92 ng
RT: 16.93 min Scan# 2625
Delta R.T. -0.02 min
Lab File: BF096020.D
Acq: 19 Jun 2017 22:46

Instrument :
BNA_F
ClientSampleId :
SB-05-5-6

Tgt Ion:244 Resp: 78572

Ion	Ratio	Lower	Upper
244	100		
212	6.2	6.0	9.0
122	13.7	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 19.95 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BF096020.D
Acq: 19 Jun 2017 22:46

Tgt Ion:264 Resp: 128068

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	22.2	17.2	25.8