Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110517\
Data File : BF100229.D
Acq On : 5 Nov 2017 17:39
Operator : SJ/JU
Sample : I6275-09 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2727

Quant Time: Nov 06 07:07:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 15:46:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	87406	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	340270	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	131664	20.00	ng	-0.02
63) Phenanthrene-d10	11.29	188	191603	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	180266	20.00	ng	-0.01
86) Perylene-d12	15.40	264	161528	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	30651	5.51	ng	0.06
7) Phenol-d6	6.50	99	27071	4.10	ng	0.07
23) Nitrobenzene-d5	7.35	82	57784	10.93	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	17398	14.50	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	134069	15.71	ng	-0.01
78) Terphenyl-d14	12.86	244	87158	10.57	ng	-0.02
Target Compounds						Qvalue

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

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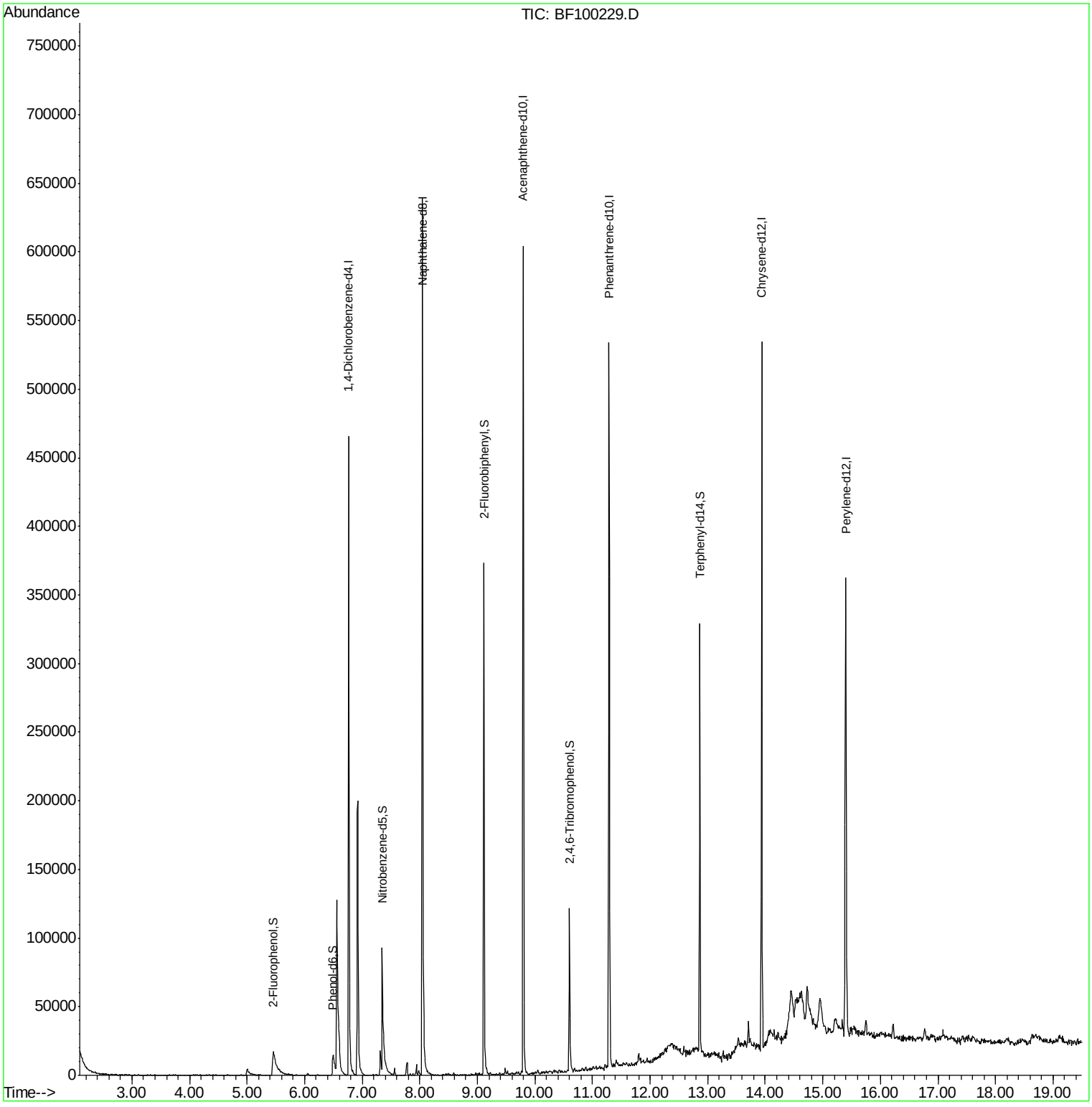
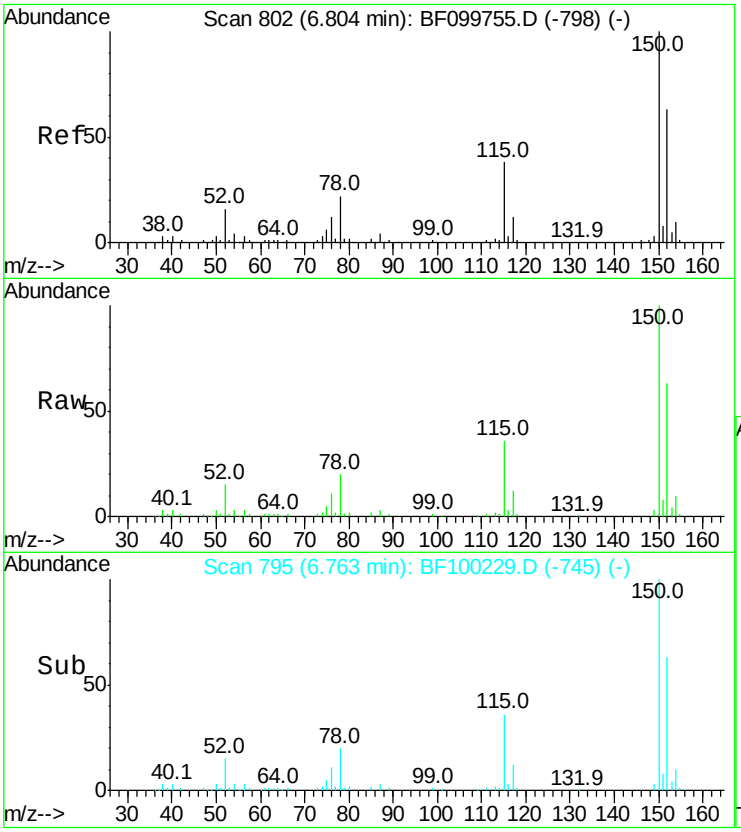


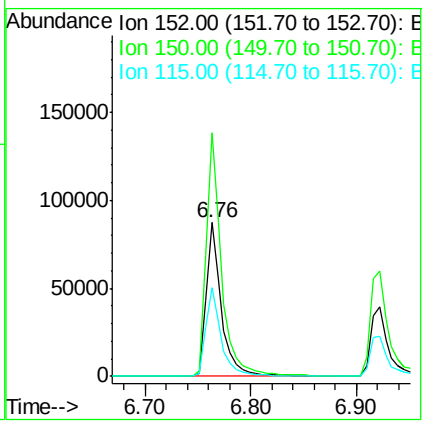


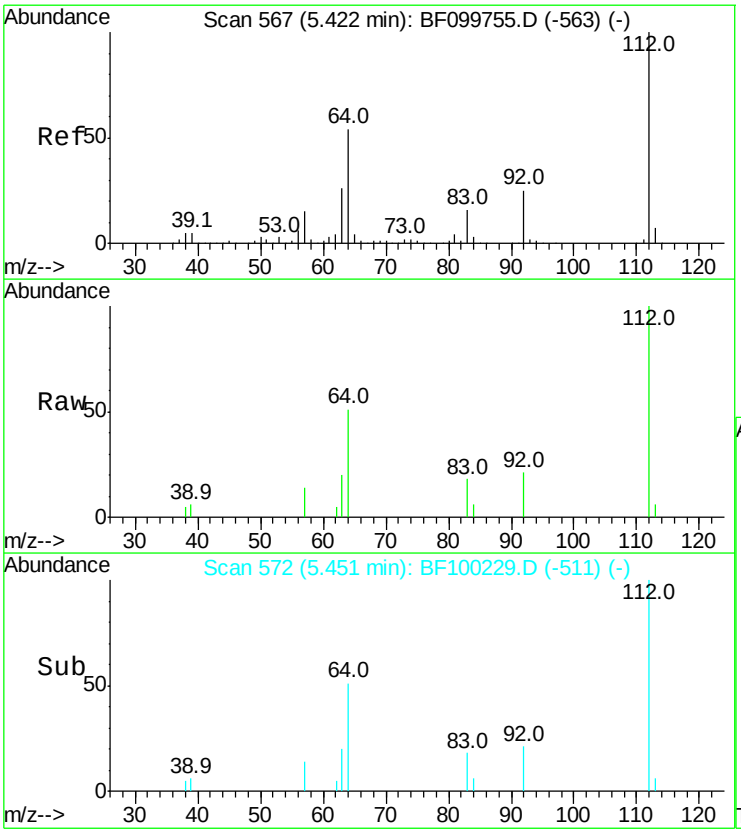
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100229.D
Acq: 5 Nov 2017 17:39

Instrument :
BNA_F
ClientSampleId :
2727

Tgt Ion:152 Resp: 87406

Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	57.9	50.1	75.1

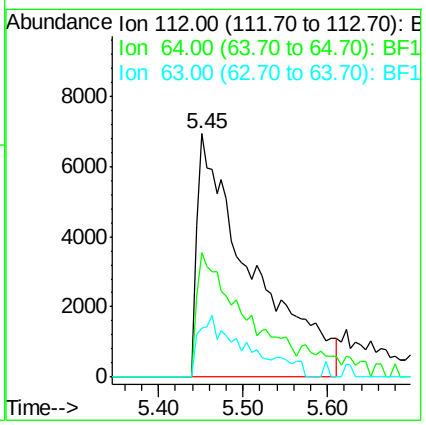


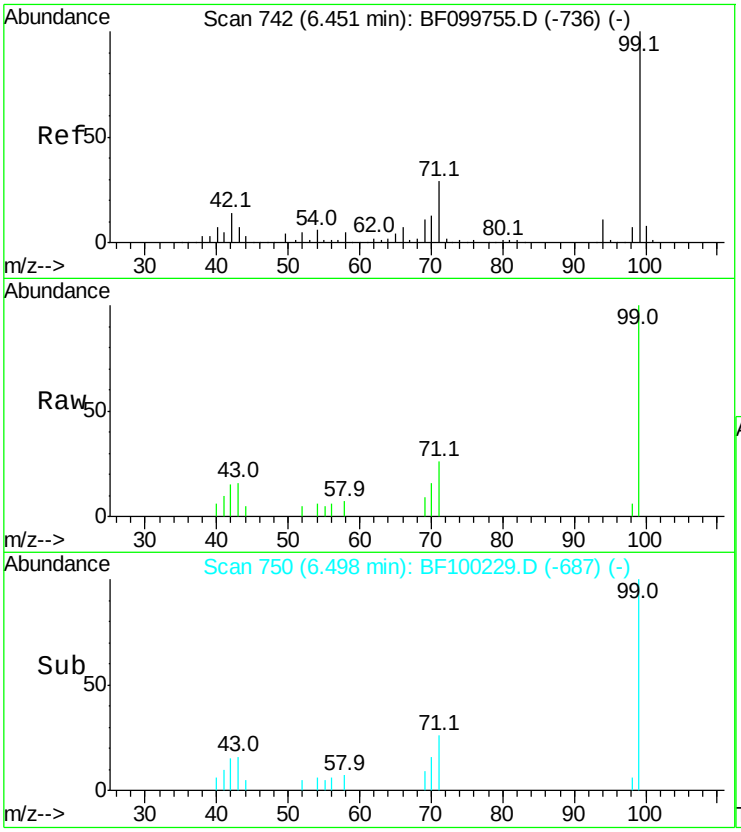


#5
2-Fluorophenol
Concen: 5.505 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.06 min
Lab File: BF100229.D
Acq: 5 Nov 2017 17:39

Tgt Ion:112 Resp: 30651

Ion	Ratio	Lower	Upper
112	100		
64	51.3	47.9	71.9
63	20.2	23.7	35.5#



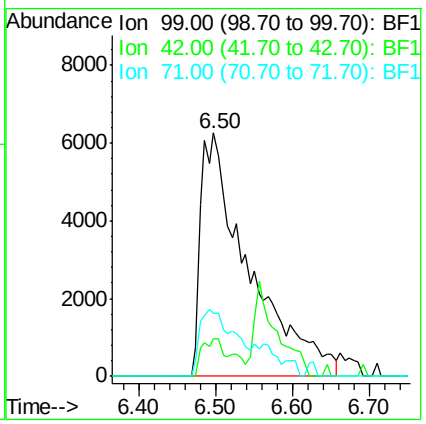


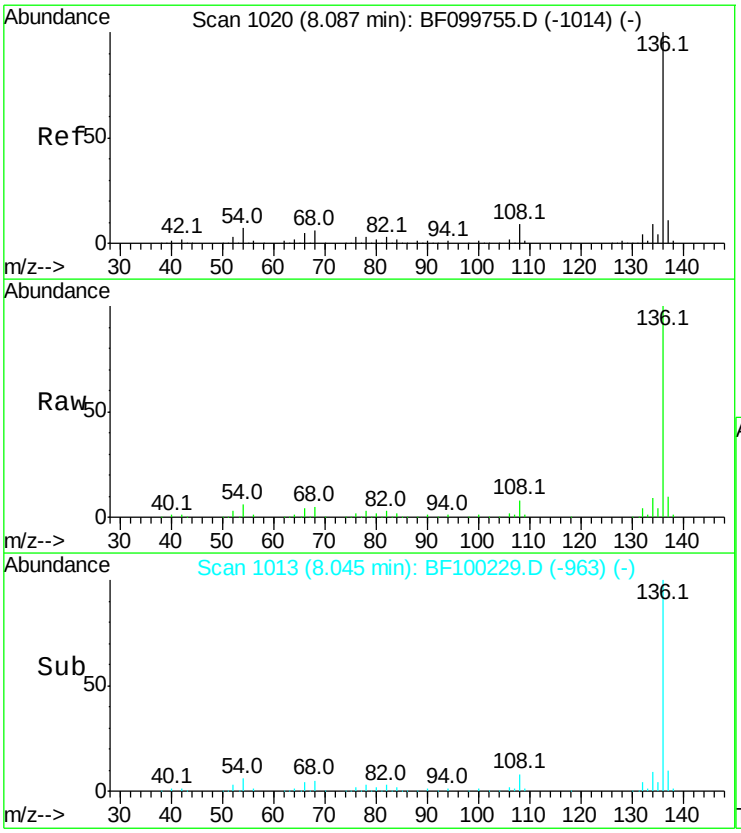
#7
Phenol-d6
Concen: 4.101 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.07 min
Lab File: BF100229.D
Acq: 5 Nov 2017 17:39

Instrument :
BNA_F
ClientSampleId :
2727

Tgt Ion: 99 Resp: 27071

Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.5	21.7
71	25.8	25.4	38.0

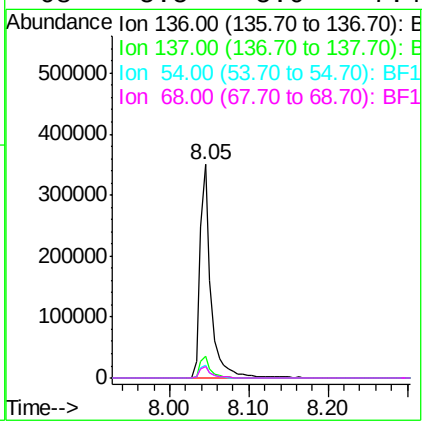


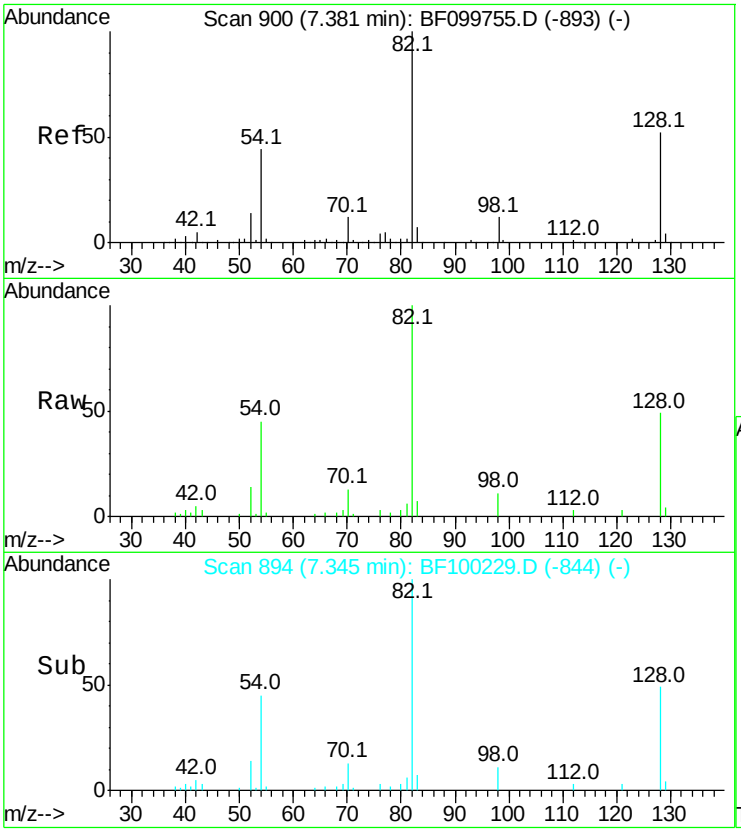


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF100229.D
Acq: 5 Nov 2017 17:39

Tgt Ion:136 Resp: 340270

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	5.9	6.6	9.8#
68	5.5	5.0	7.4



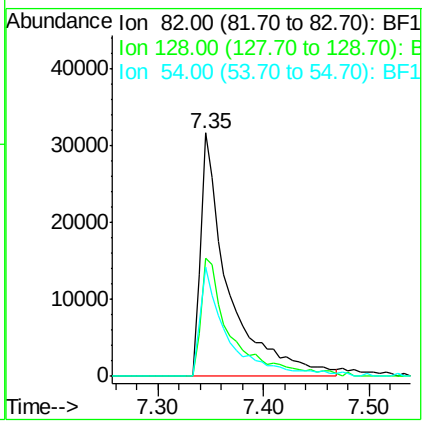


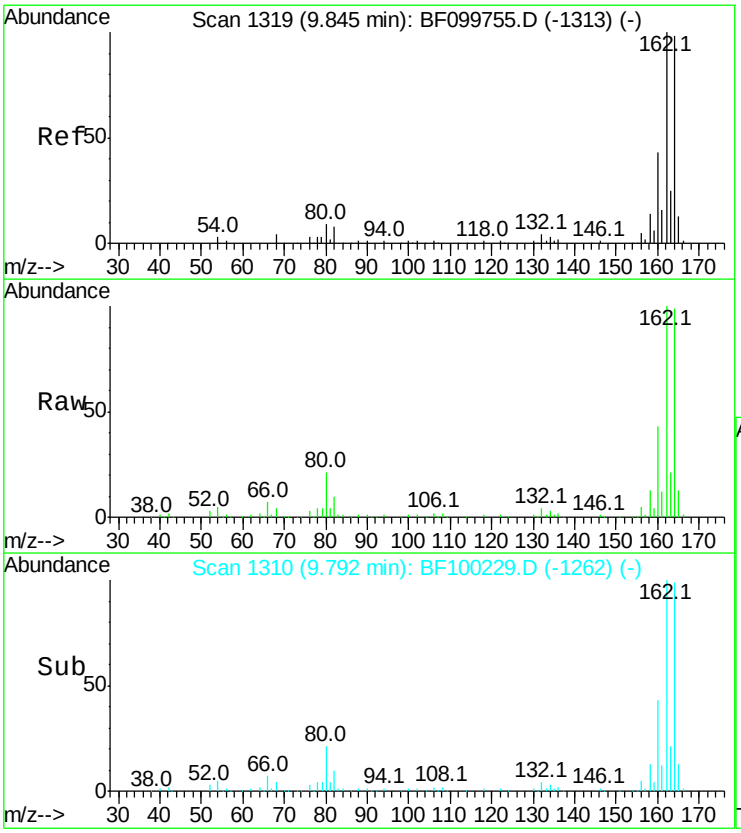
#23
Nitrobenzene-d5
Concen: 10.933 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF100229.D
Acq: 5 Nov 2017 17:39

Instrument :
BNA_F
ClientSampleId :
2727

Tgt Ion: 82 Resp: 57784

Ion	Ratio	Lower	Upper
82	100		
128	48.5	36.1	54.1
54	44.7	41.4	62.2

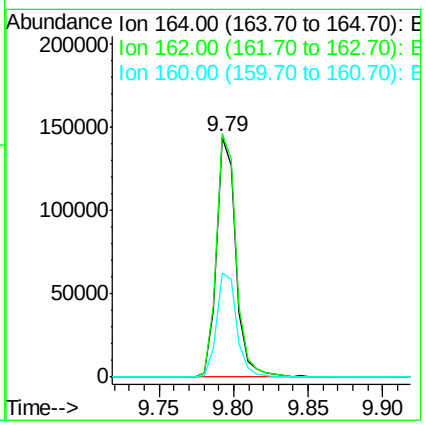


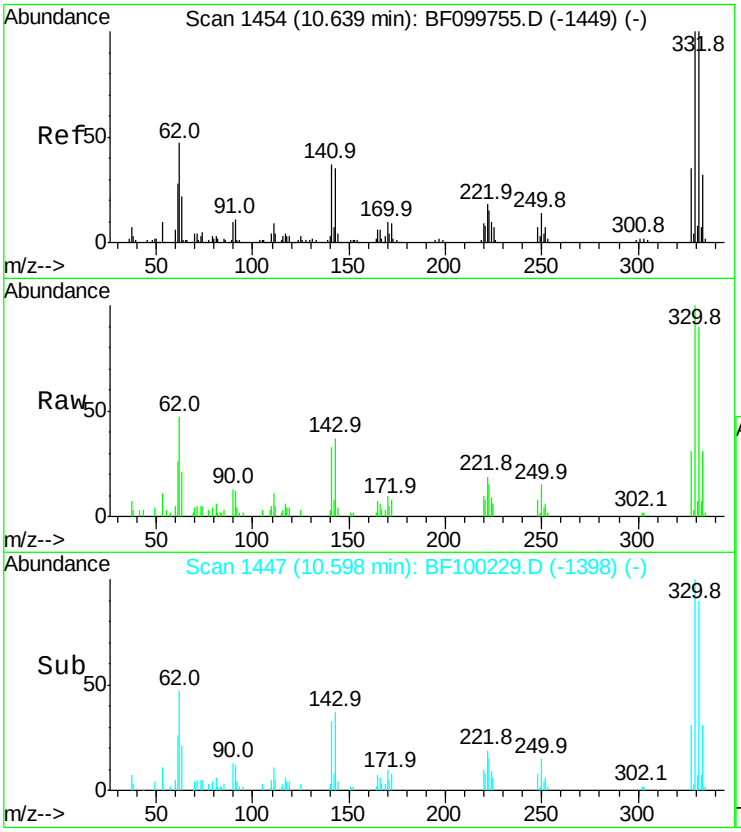


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF100229.D
Acq: 5 Nov 2017 17:39

Tgt Ion:164 Resp: 131664

Ion	Ratio	Lower	Upper
164	100		
162	101.5	86.1	129.1
160	43.6	38.3	57.5



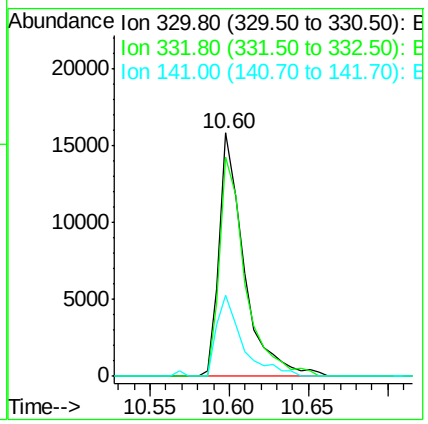


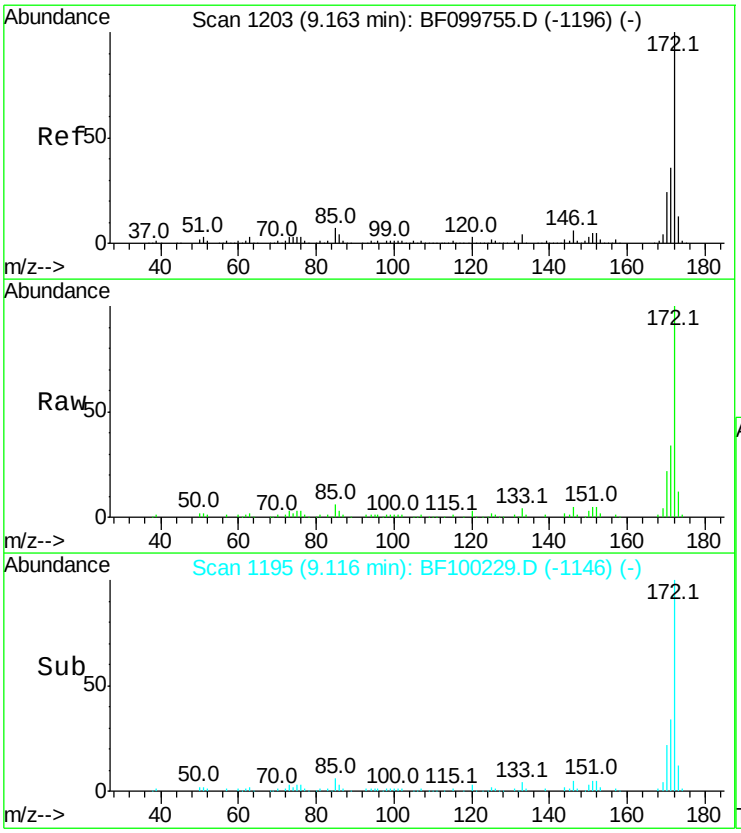
#41
2,4,6-Tribromophenol
Concen: 14.500 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF100229.D
Acq: 5 Nov 2017 17:39

Instrument :
BNA_F
ClientSampleId :
2727

Tgt Ion:330 Resp: 17398

Ion	Ratio	Lower	Upper
330	100		
332	92.5	77.0	115.6
141	34.2	29.9	44.9

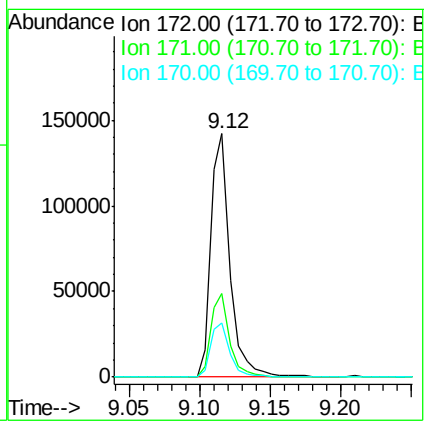


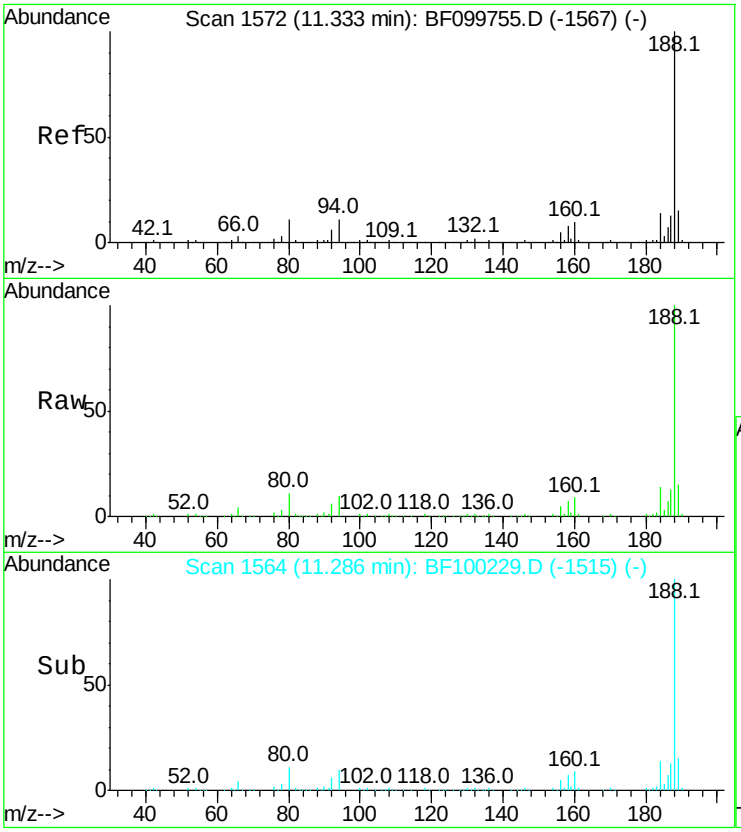


#44
2-Fluorobiphenyl
Concen: 15.710 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF100229.D
Acq: 5 Nov 2017 17:39

Tgt Ion:172 Resp: 134069

Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.7	44.5
170	22.1	19.6	29.4



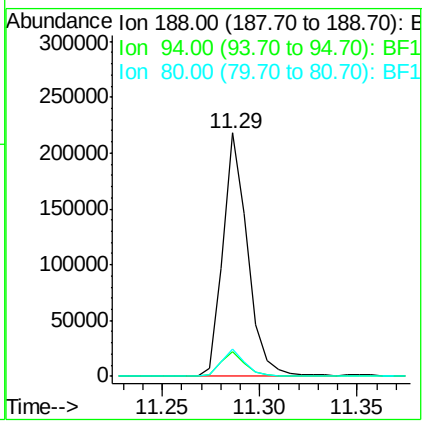


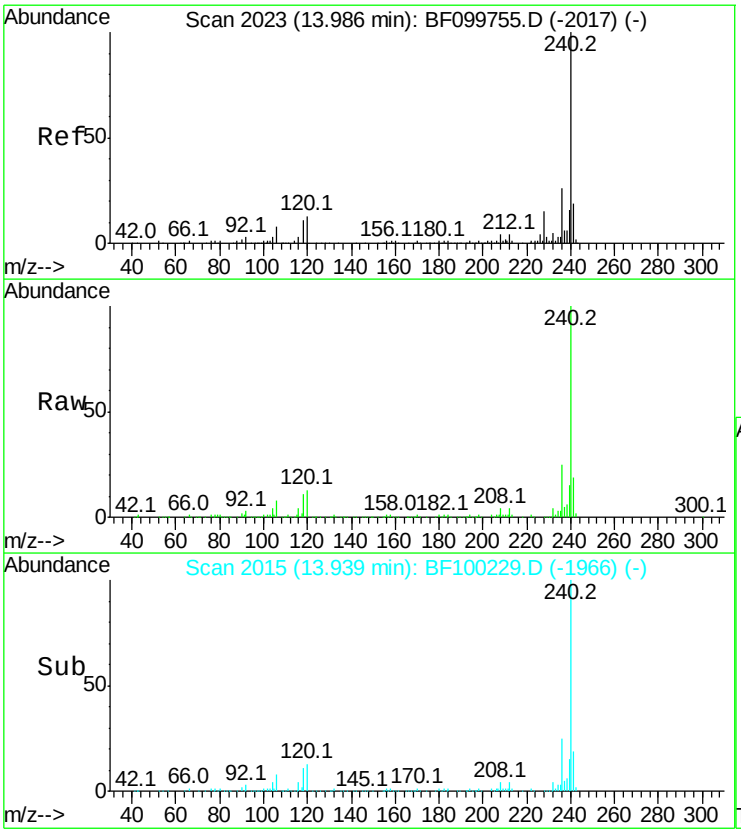
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100229.D
Acq: 5 Nov 2017 17:39

Instrument :
BNA_F
ClientSampleId :
2727

Tgt Ion:188 Resp: 191603

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.2	9.2	13.8

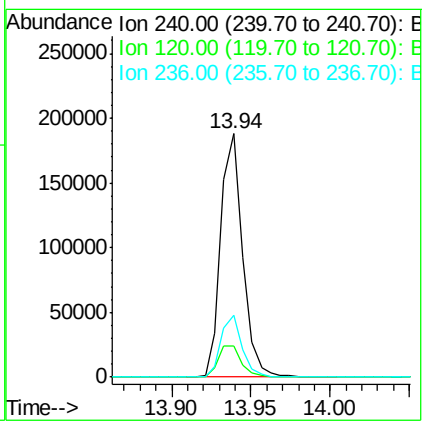


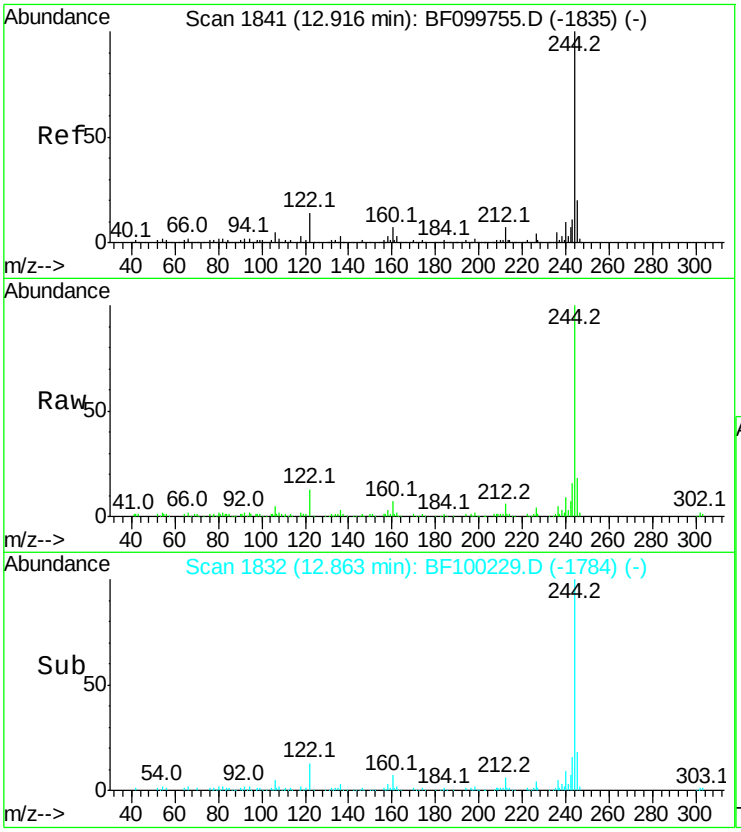


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF100229.D
Acq: 5 Nov 2017 17:39

Tgt Ion:240 Resp: 180266

Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.5	14.3
236	25.2	20.7	31.1



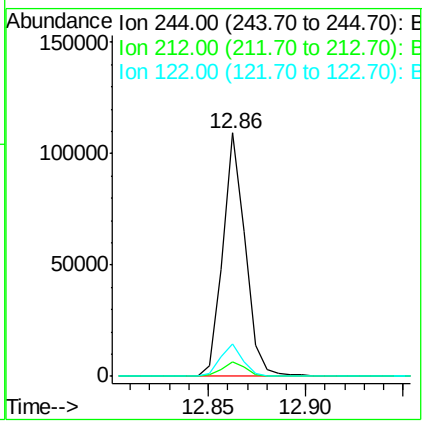


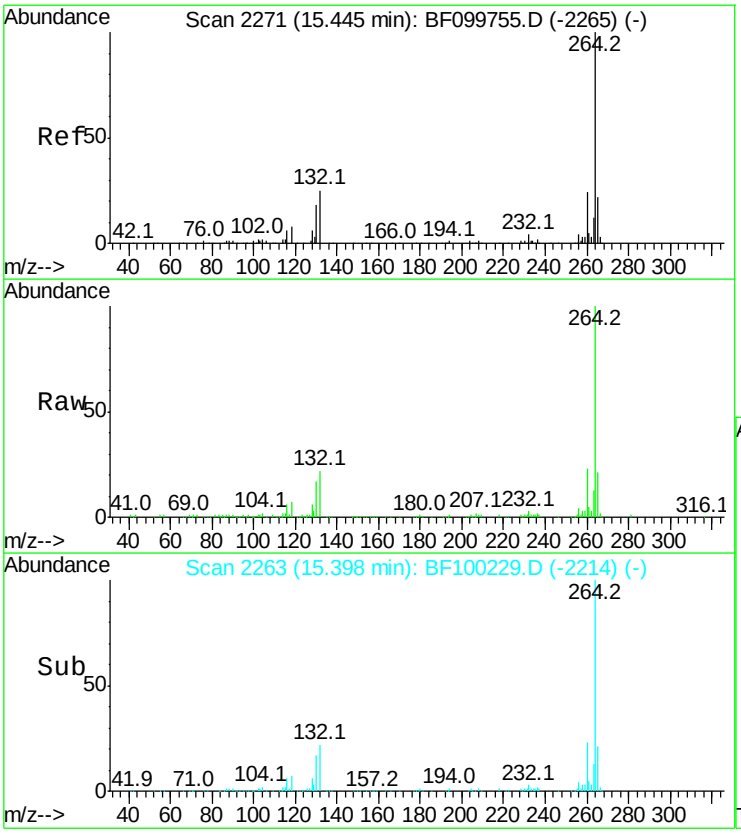
#78
Terphenyl-d14
Concen: 10.566 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BF100229.D
Acq: 5 Nov 2017 17:39

Instrument :
BNA_F
ClientSampleId :
2727

Tgt Ion:244 Resp: 87158

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	13.1	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF100229.D
Acq: 5 Nov 2017 17:39

Tgt Ion:264 Resp: 161528

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.1	17.5	26.3