Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
Data File : BF099351.D
Acq On : 11 Oct 2017 18:17
Operator : SJ/JU
Sample : PB103140BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB103140BL

Quant Time: Oct 12 01:04:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	101266	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	421048	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	194842	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	354381	20.00	ng	0.00
75) Chrysene-d12	14.01	240	264439	20.00	ng	0.00
86) Perylene-d12	15.48	264	182577	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	790613	124.28	ng	0.01
7) Phenol-d6	6.49	99	927253	118.16	ng	0.00
23) Nitrobenzene-d5	7.42	82	561603	85.54	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	208709	130.91	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1087515	93.18	ng	0.00
78) Terphenyl-d14	12.96	244	982618	84.51	ng	0.00
Target Compounds						Qvalue

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

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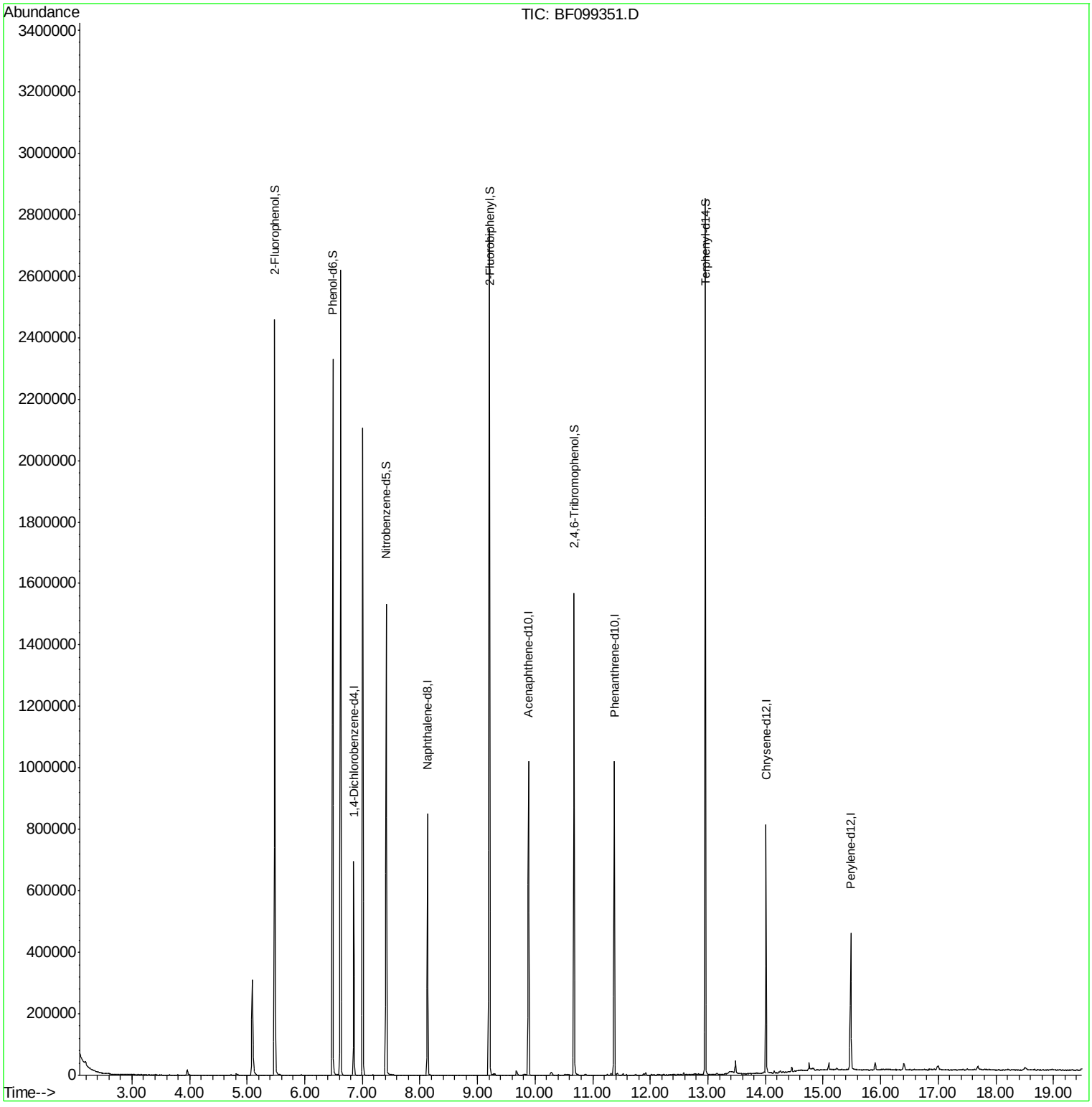
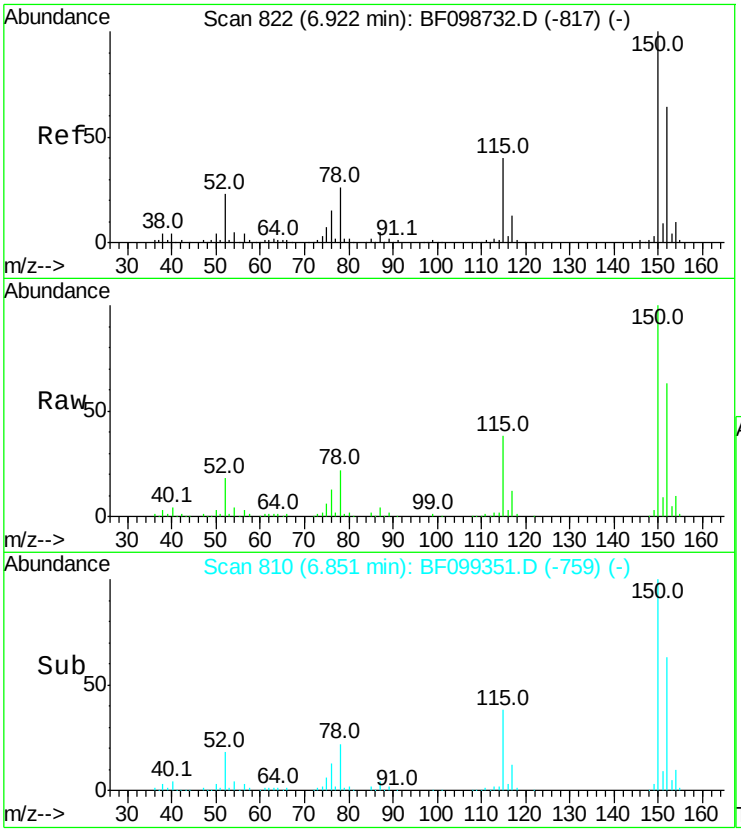


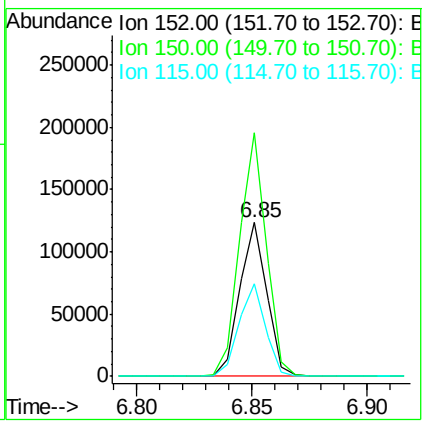


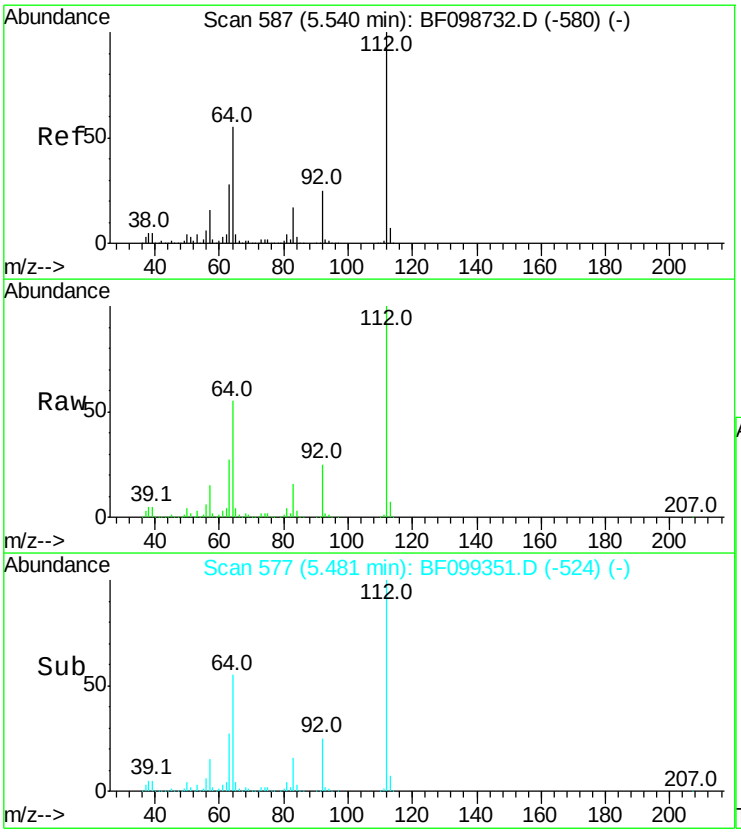
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099351.D
Acq: 11 Oct 2017 18:17

Instrument :
BNA_F
ClientSampleId :
PB103140BL

Tgt Ion:152 Resp: 101266

Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	60.0	50.1	75.1

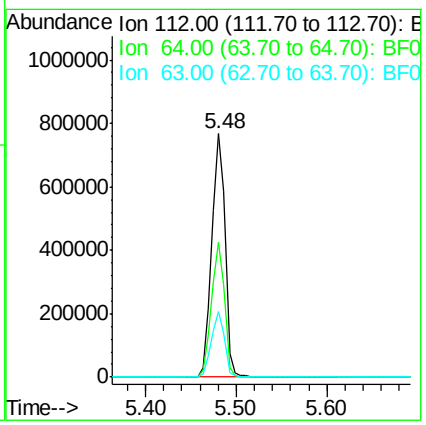


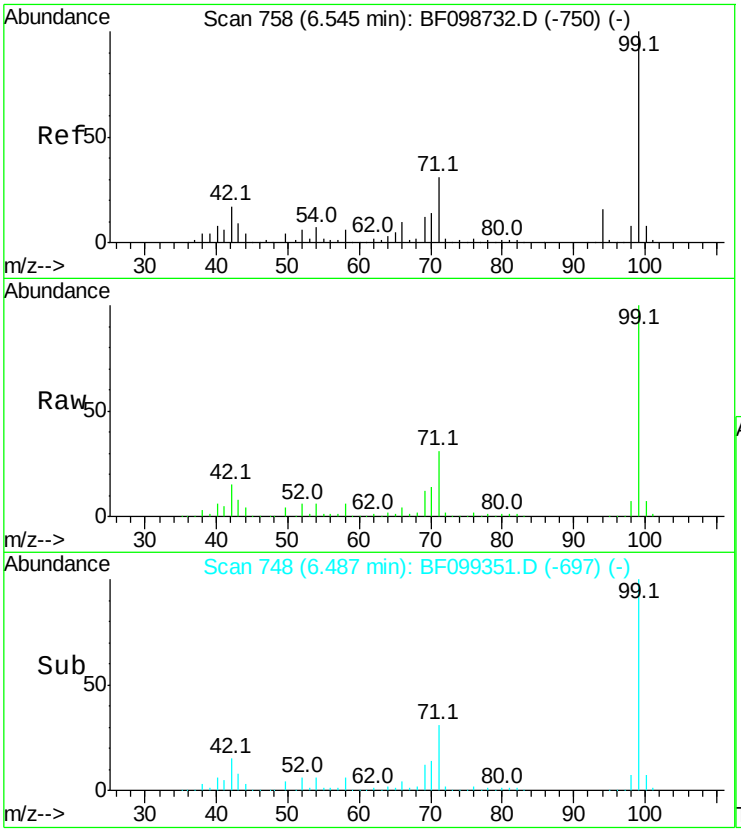


#5
2-Fluorophenol
Concen: 124.284 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF099351.D
Acq: 11 Oct 2017 18:17

Tgt Ion:112 Resp: 790613

Ion	Ratio	Lower	Upper
112	100		
64	55.3	47.9	71.9
63	26.9	23.7	35.5



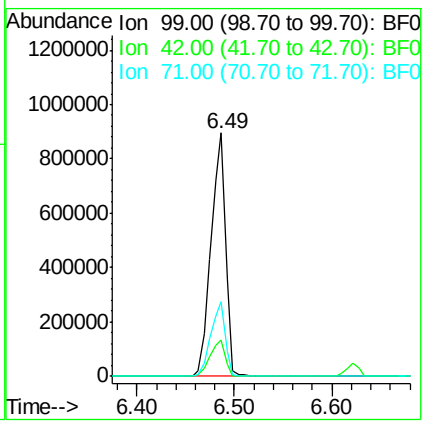


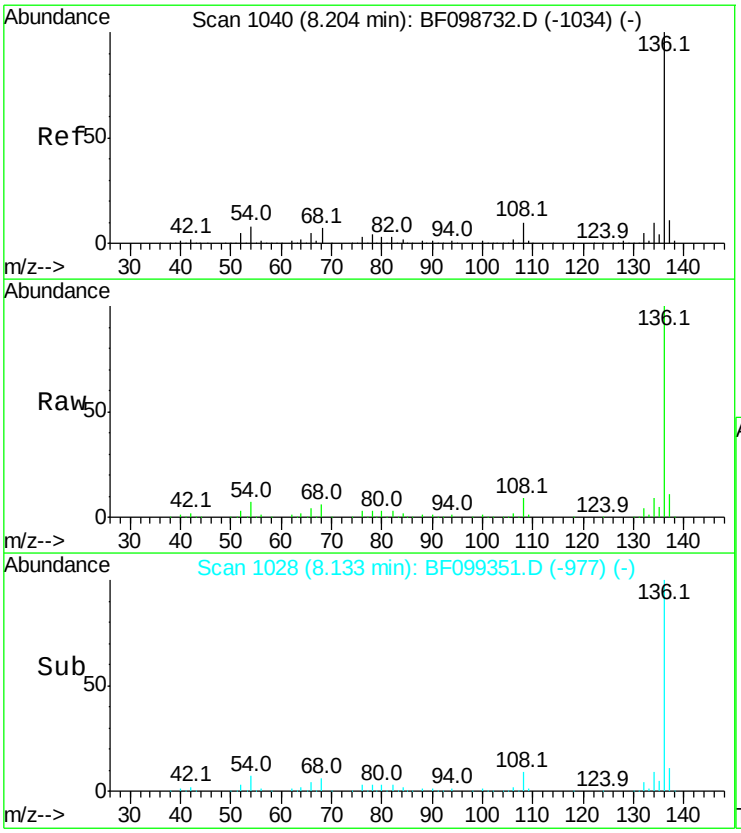
#7
Phenol-d6
Concen: 118.160 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF099351.D
Acq: 11 Oct 2017 18:17

Instrument :
BNA_F
ClientSampleId :
PB103140BL

Tgt Ion: 99 Resp: 927253

Ion	Ratio	Lower	Upper
99	100		
42	15.1	14.5	21.7
71	30.7	25.4	38.0

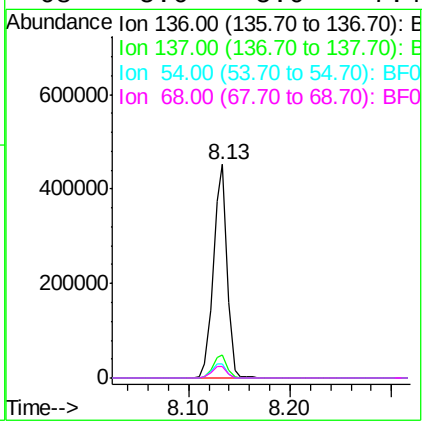


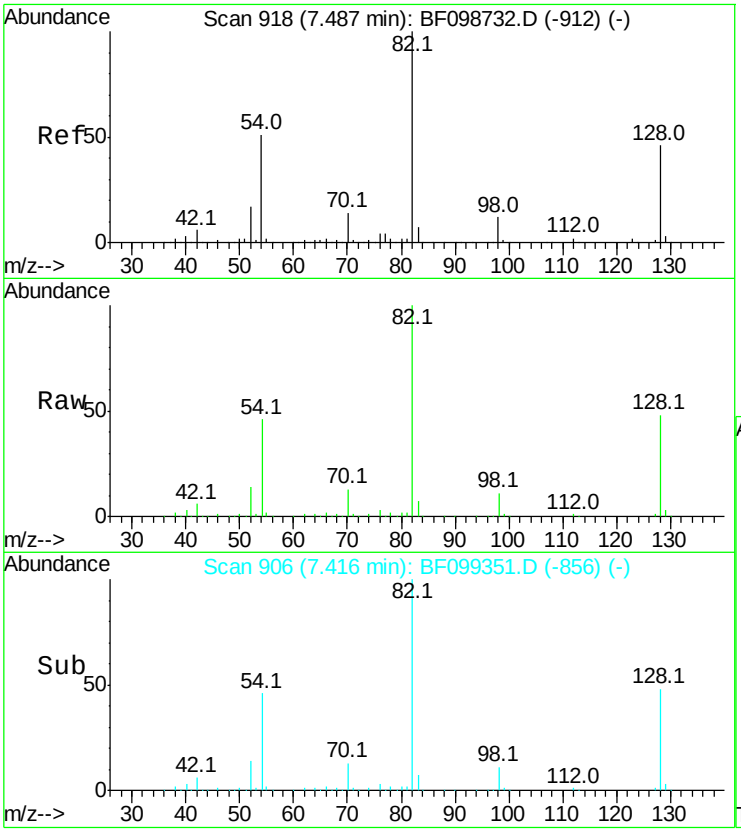


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099351.D
Acq: 11 Oct 2017 18:17

Tgt Ion:136 Resp: 421048

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.6	6.6	9.8#
68	5.6	5.0	7.4



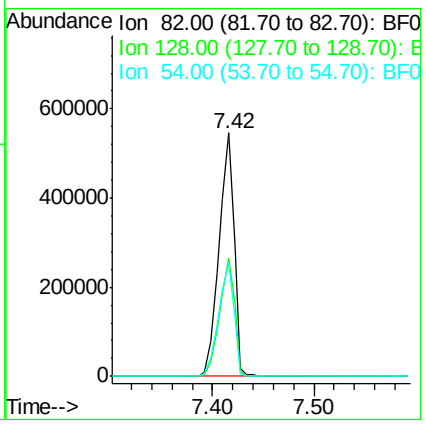


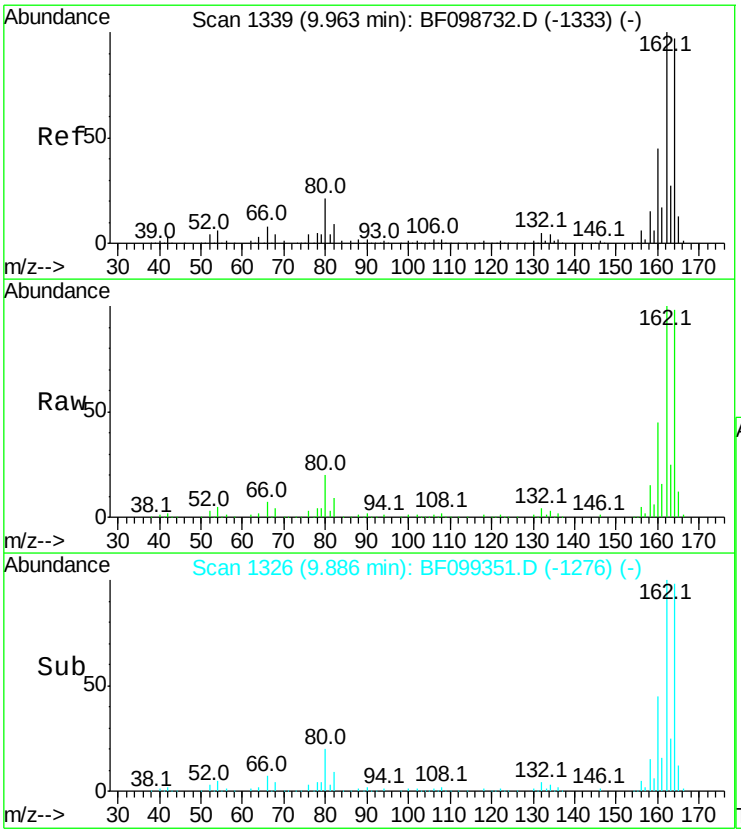
#23
Nitrobenzene-d5
Concen: 85.538 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099351.D
Acq: 11 Oct 2017 18:17

Instrument :
BNA_F
ClientSampleId :
PB103140BL

Tgt Ion: 82 Resp: 561603

Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.1	54.1
54	46.4	41.4	62.2

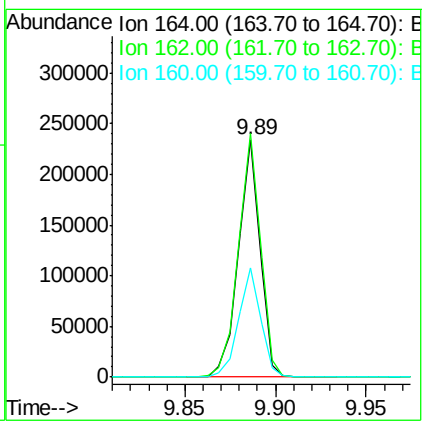


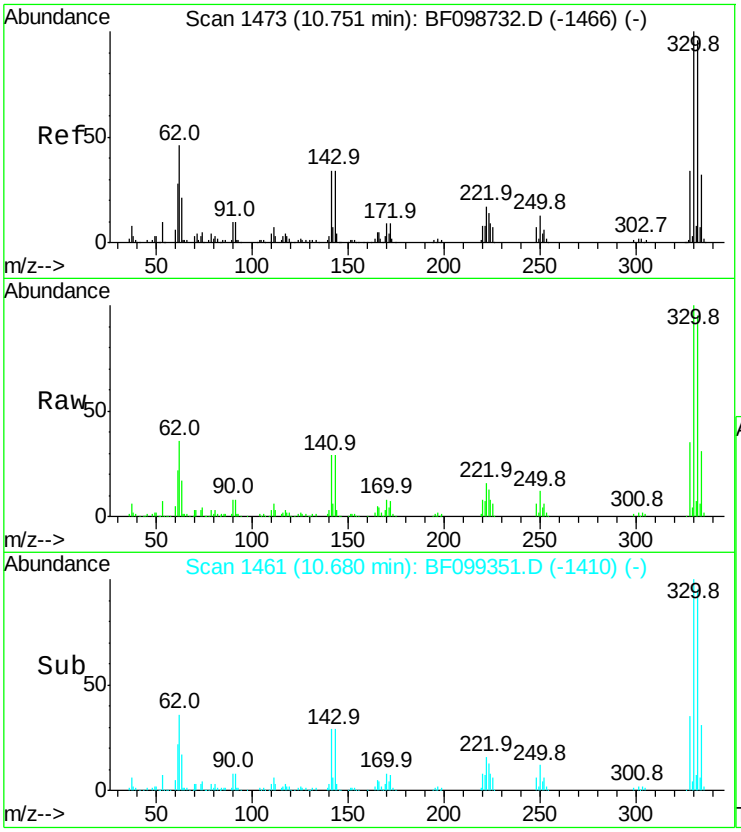


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099351.D
Acq: 11 Oct 2017 18:17

Tgt Ion:164 Resp: 194842

Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	46.0	38.3	57.5



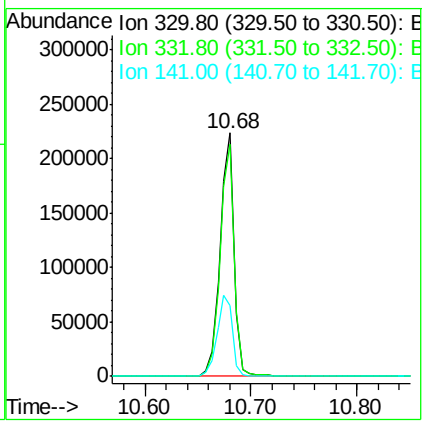


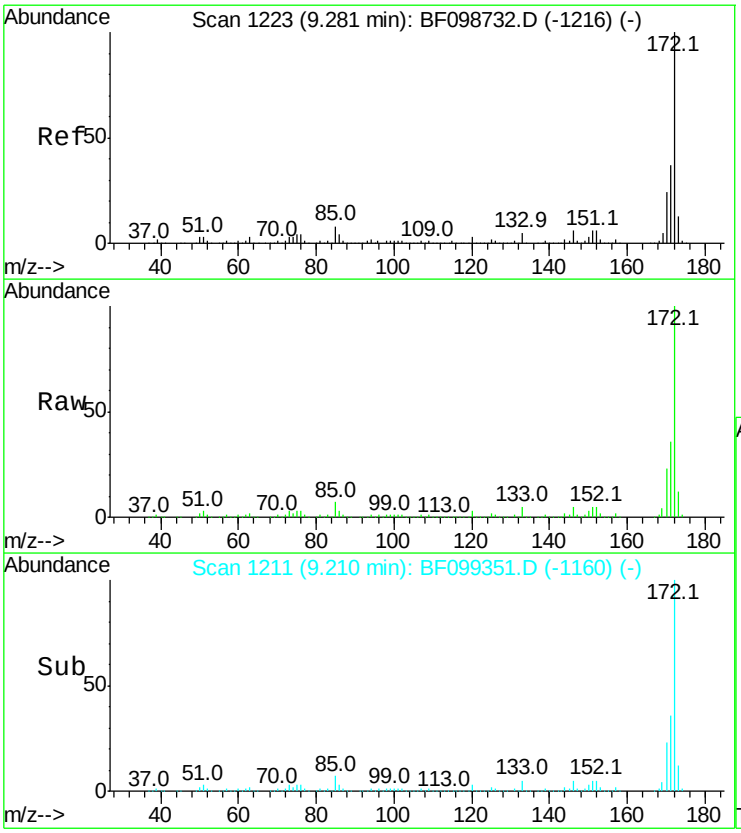
#41
2,4,6-Tribromophenol
Concen: 130.907 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BF099351.D
Acq: 11 Oct 2017 18:17

Instrument :
BNA_F
ClientSampleId :
PB103140BL

Tgt Ion:330 Resp: 208709

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	37.0	29.9	44.9

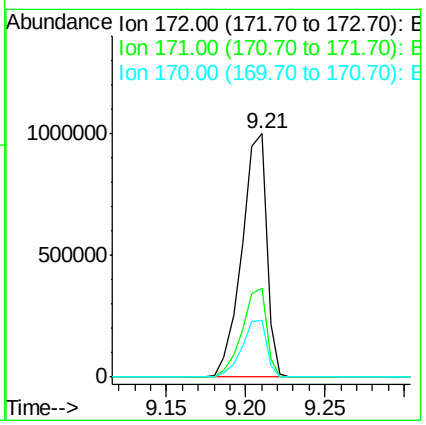


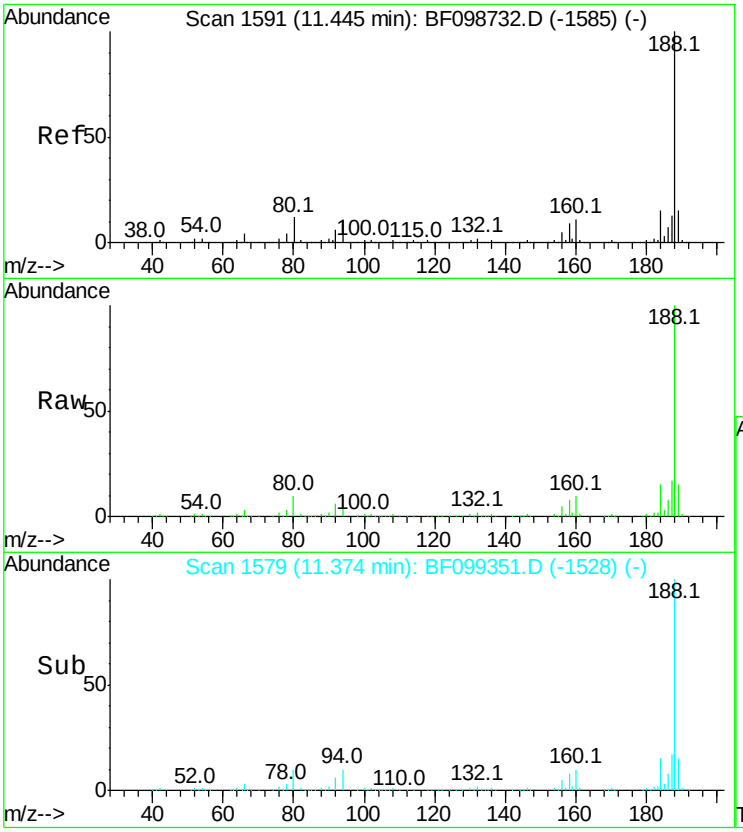


#44
2-Fluorobiphenyl
Concen: 93.179 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF099351.D
Acq: 11 Oct 2017 18:17

Tgt Ion:172 Resp: 1087515

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.5	19.6	29.4



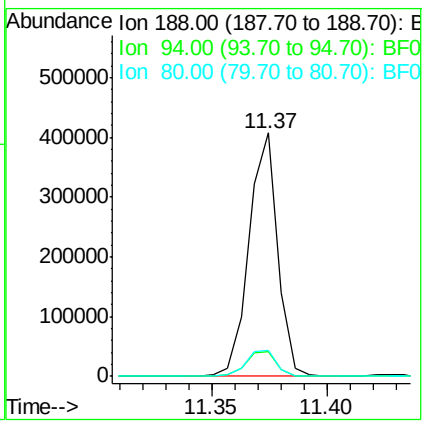


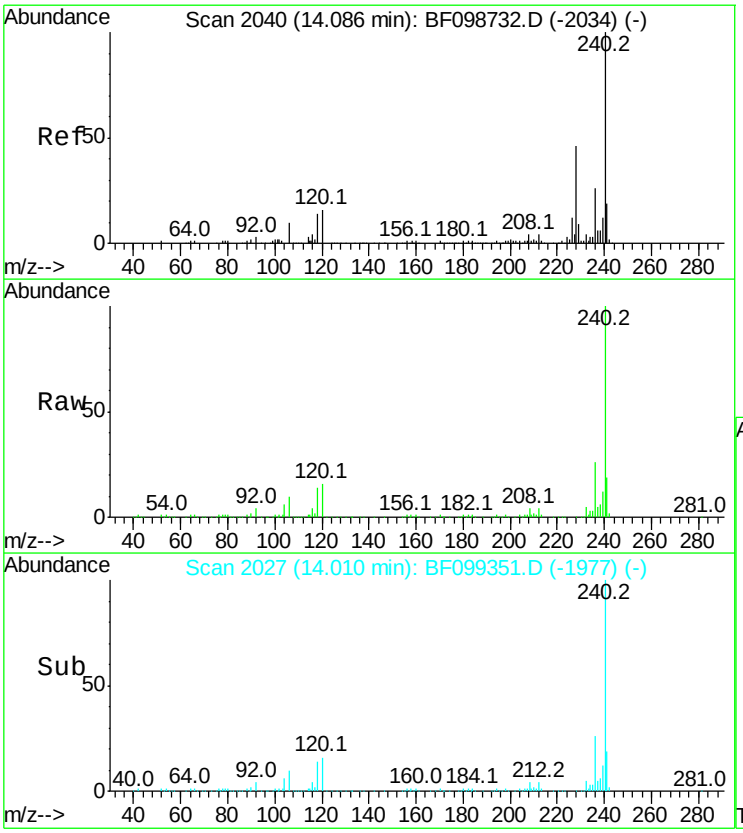
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF099351.D
Acq: 11 Oct 2017 18:17

Instrument :
BNA_F
ClientSampleId :
PB103140BL

Tgt Ion:188 Resp: 354381

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.5	9.2	13.8

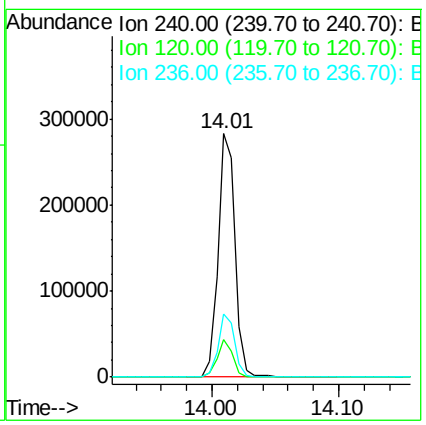


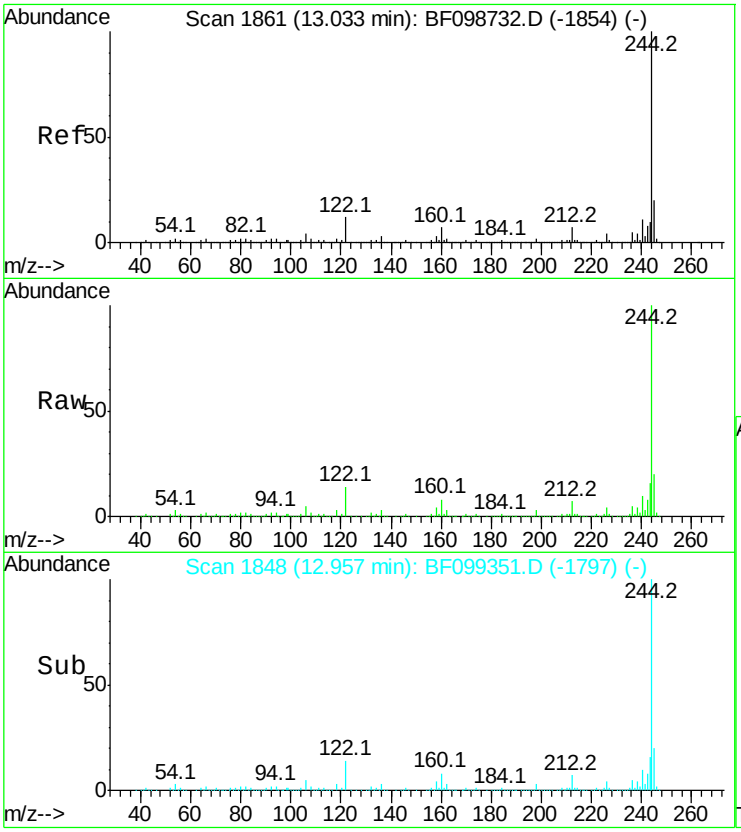


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099351.D
Acq: 11 Oct 2017 18:17

Tgt Ion:240 Resp: 264439

Ion	Ratio	Lower	Upper
240	100		
120	15.6	9.5	14.3#
236	25.9	20.7	31.1



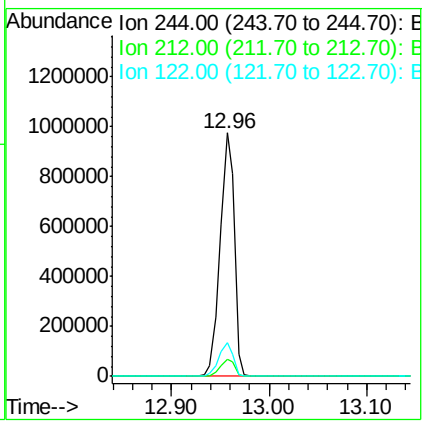


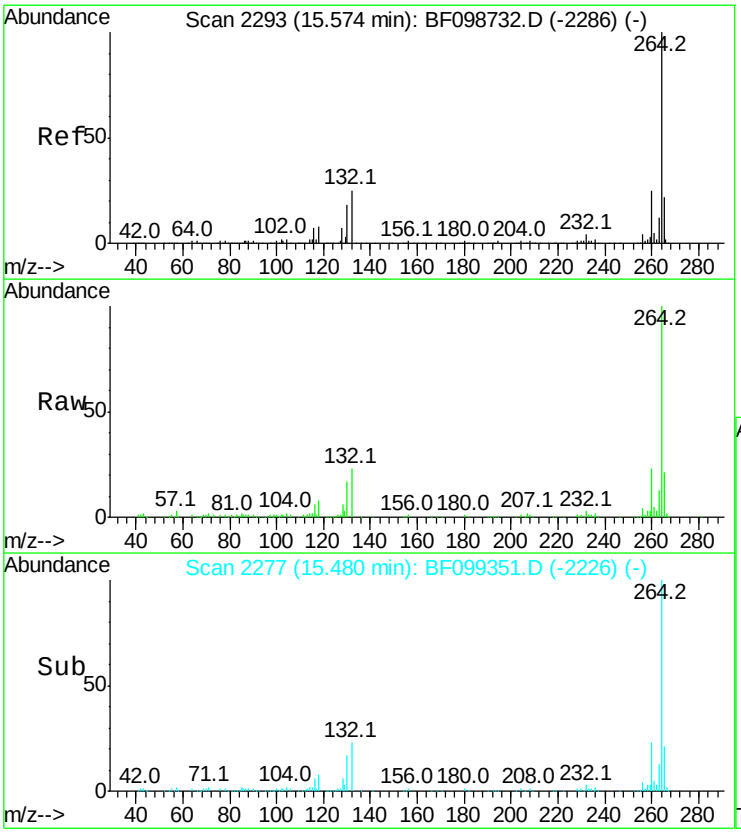
#78
Terphenyl-d14
Concen: 84.506 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BF099351.D
Acq: 11 Oct 2017 18:17

Instrument :
BNA_F
ClientSampleId :
PB103140BL

Tgt Ion:244 Resp: 982618

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	14.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BF099351.D
Acq: 11 Oct 2017 18:17

Tgt Ion:264 Resp: 182577

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.6	17.5	26.3