Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100211.D
Acq On : 5 Nov 2017 6:25
Operator : SJ/JU
Sample : I6327-10
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
110217-SIDI-F-D-S

Quant Time: Nov 06 04:08:55 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	86088	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	359195	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	174226	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	321275	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	204205	20.00	ng	-0.01
86) Perylene-d12	15.40	264	139670	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	234017	42.68	ng	0.01
7) Phenol-d6	6.43	99	187808	28.89	ng	0.00
23) Nitrobenzene-d5	7.33	82	499004	89.44	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	143834	90.59	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	1008438	89.30	ng	-0.01
78) Terphenyl-d14	12.87	244	957739	102.50	ng	-0.01
Target Compounds						Qvalue

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

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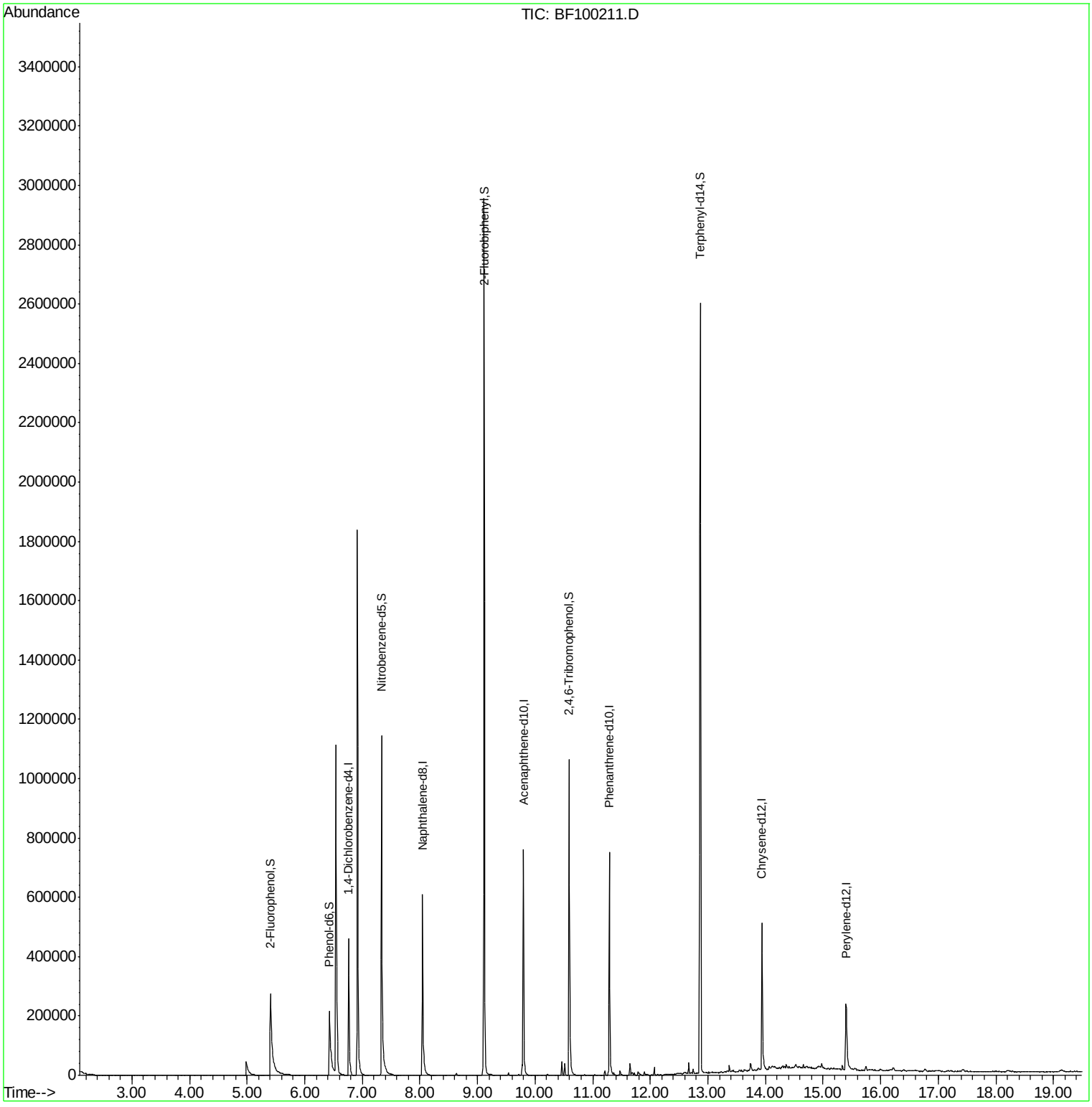
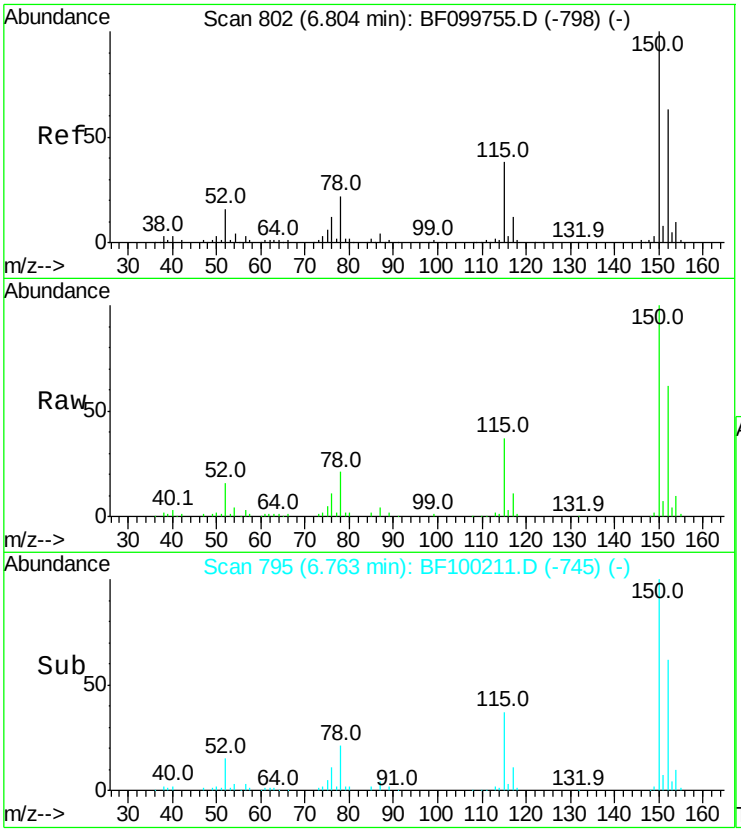


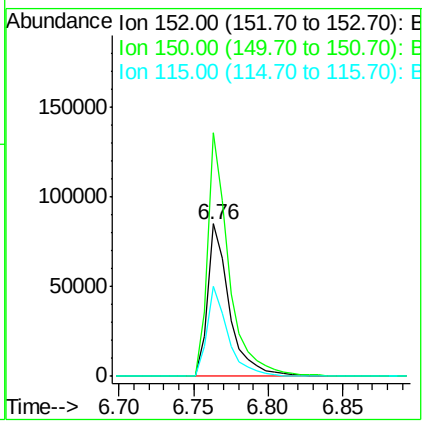


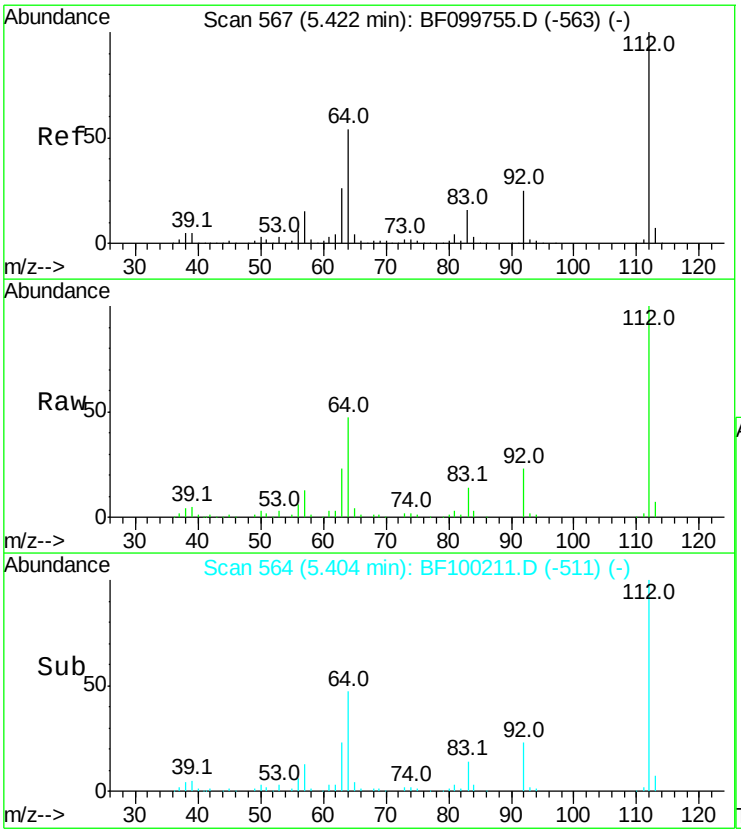
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100211.D
Acq: 5 Nov 2017 6:25

Instrument :
BNA_F
ClientSampleId :
110217-SIDI-F-D-S

Tgt Ion:152 Resp: 86088

Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.6	186.8
115	59.2	50.1	75.1

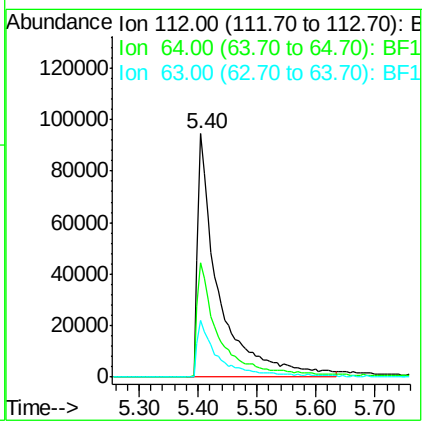


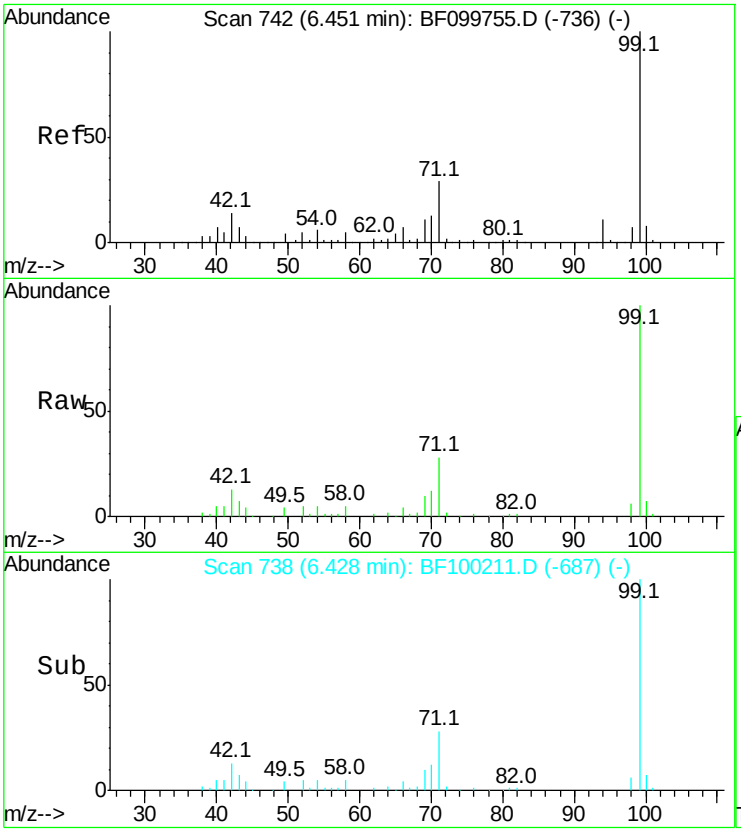


#5
2-Fluorophenol
Concen: 42.677 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF100211.D
Acq: 5 Nov 2017 6:25

Tgt Ion:112 Resp: 234017

Ion	Ratio	Lower	Upper
112	100		
64	46.9	47.9	71.9#
63	23.3	23.7	35.5#



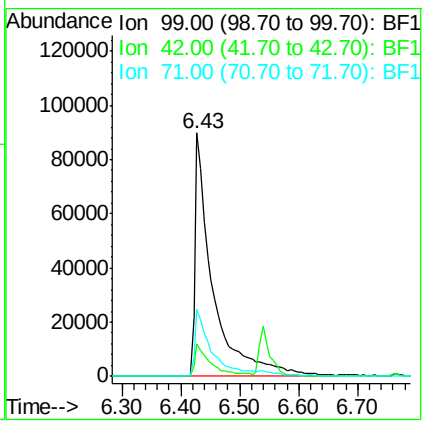


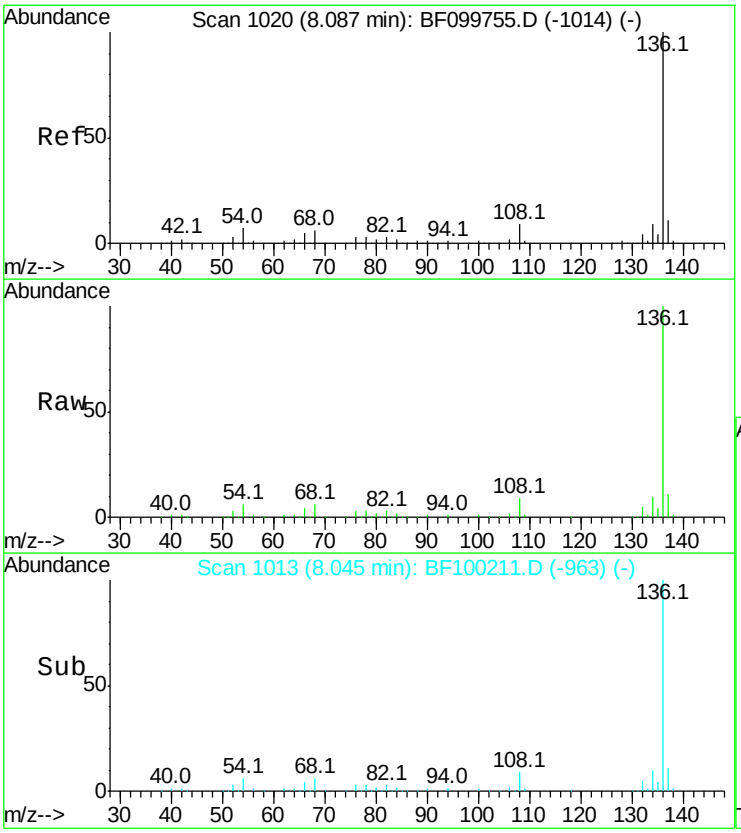
#7
Phenol-d6
Concen: 28.885 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF100211.D
Acq: 5 Nov 2017 6:25

Instrument :
BNA_F
ClientSampleId :
110217-SIDI-F-D-S

Tgt Ion: 99 Resp: 187808

Ion	Ratio	Lower	Upper
99	100		
42	13.4	14.5	21.7#
71	27.6	25.4	38.0

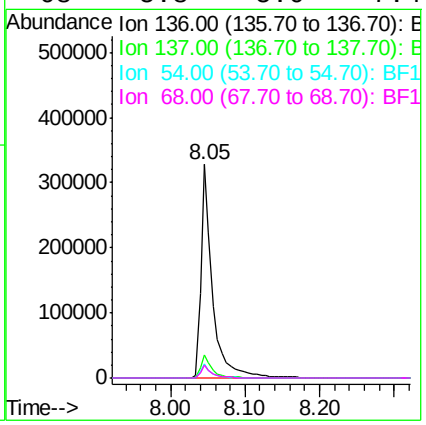


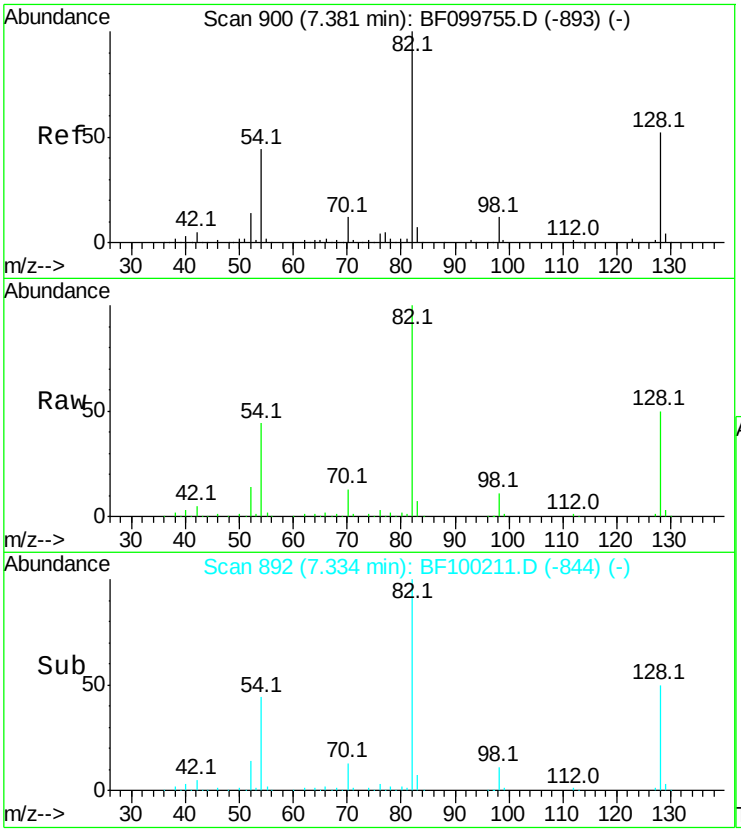


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF100211.D
Acq: 5 Nov 2017 6:25

Tgt Ion:136 Resp: 359195

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.4	6.6	9.8#
68	5.8	5.0	7.4



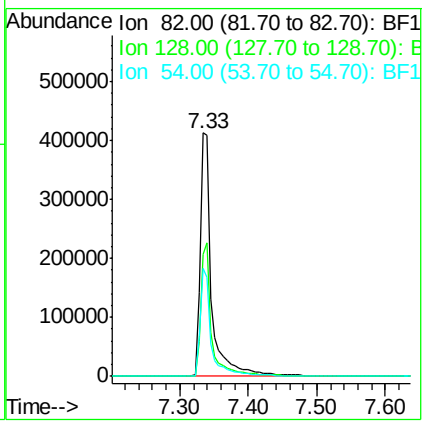


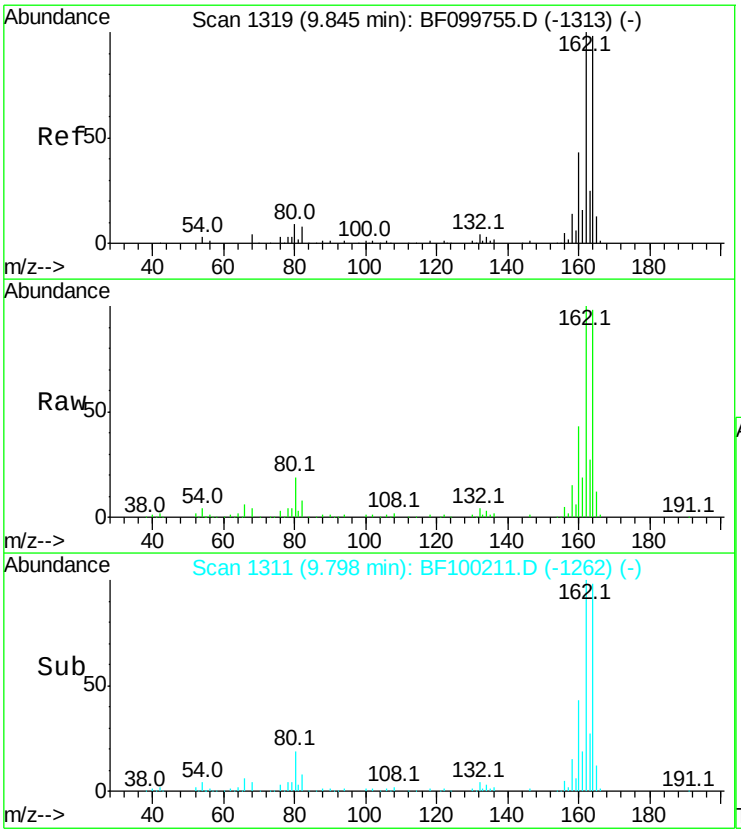
#23
Nitrobenzene-d5
Concen: 89.439 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF100211.D
Acq: 5 Nov 2017 6:25

Instrument :
BNA_F
ClientSampleId :
110217-SIDI-F-D-S

Tgt Ion: 82 Resp: 499004

Ion	Ratio	Lower	Upper
82	100		
128	50.1	36.1	54.1
54	44.2	41.4	62.2

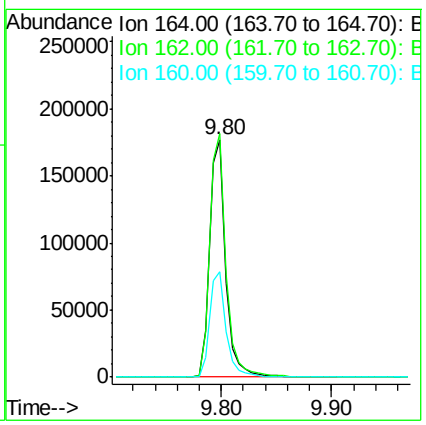


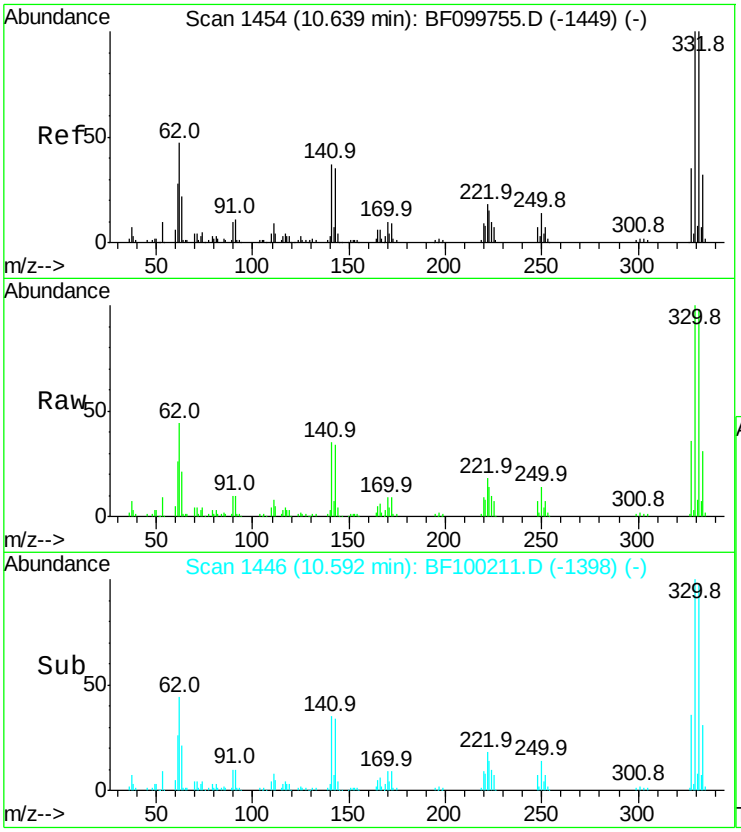


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF100211.D
Acq: 5 Nov 2017 6:25

Tgt Ion:164 Resp: 174226

Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	44.1	38.3	57.5



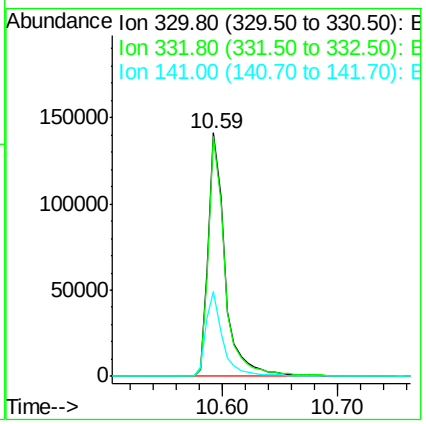


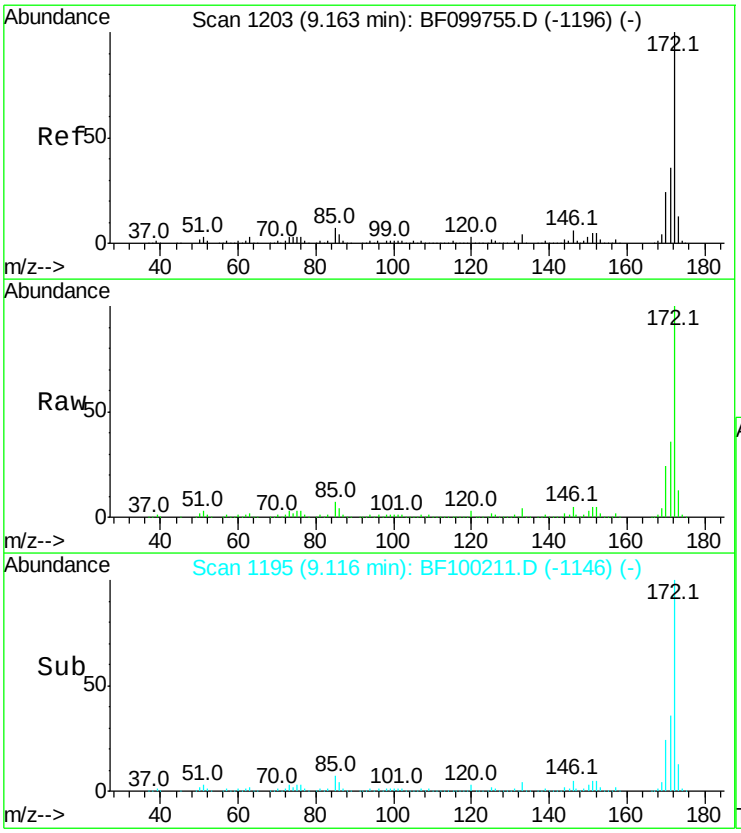
#41
2,4,6-Tribromophenol
Concen: 90.590 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BF100211.D
Acq: 5 Nov 2017 6:25

Instrument :
BNA_F
ClientSampleId :
110217-SIDI-F-D-S

Tgt Ion:330 Resp: 143834

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	35.2	29.9	44.9

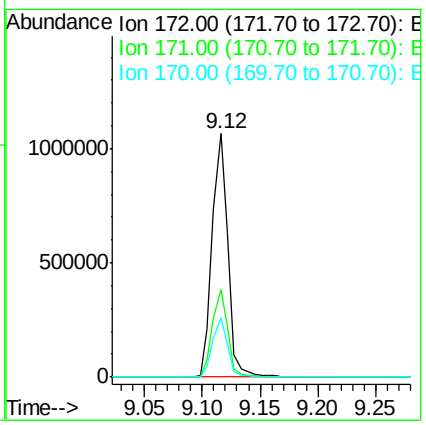


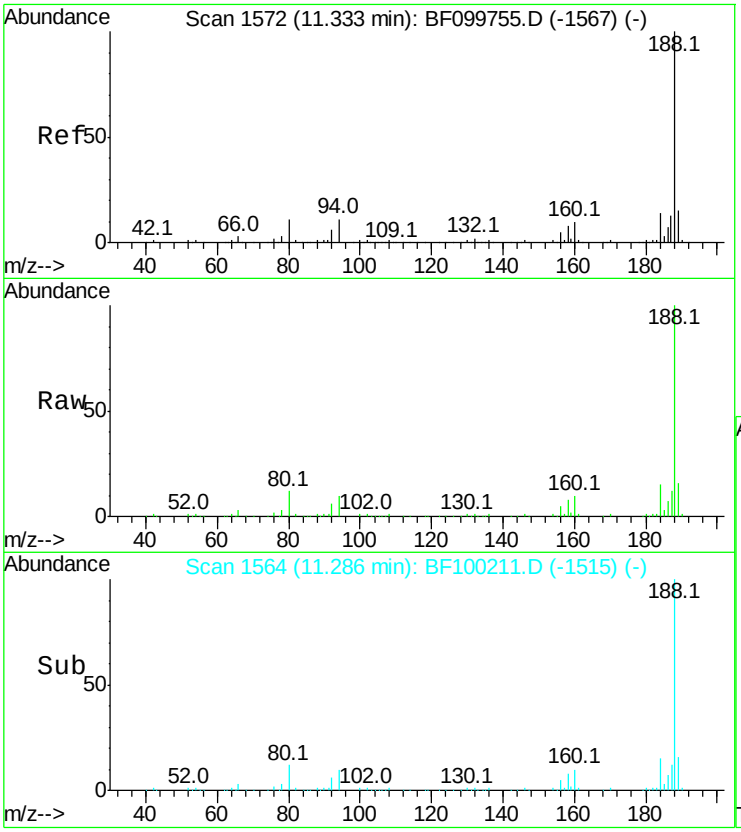


#44
2-Fluorobiphenyl
Concen: 89.301 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF100211.D
Acq: 5 Nov 2017 6:25

Tgt Ion:172 Resp: 1008438

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.1	19.6	29.4



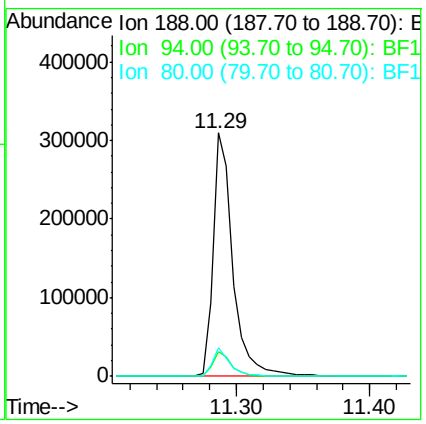


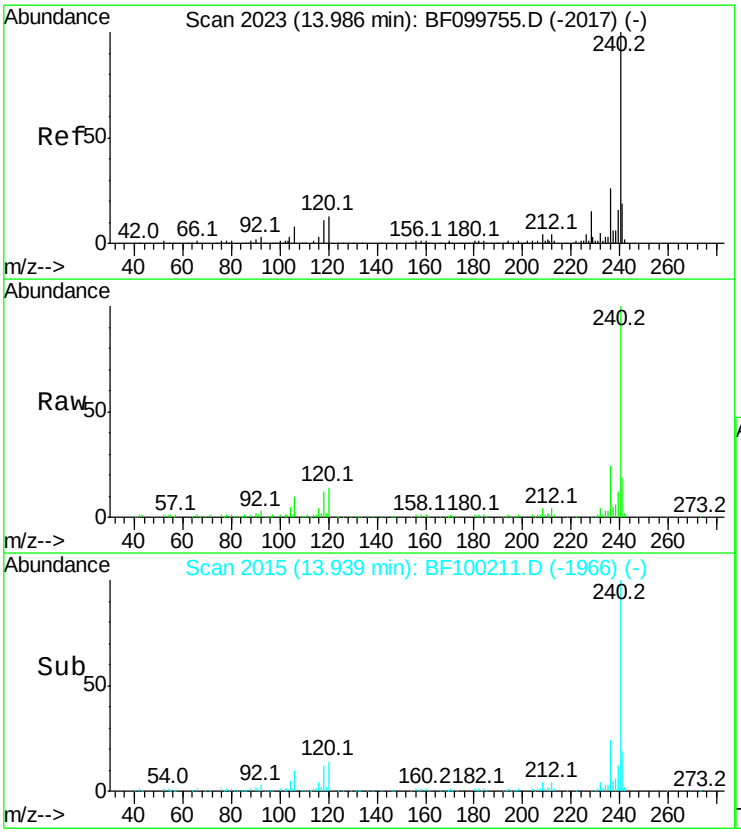
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100211.D
Acq: 5 Nov 2017 6:25

Instrument :
BNA_F
ClientSampleId :
110217-SIDI-F-D-S

Tgt Ion:188 Resp: 321275

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.6	9.2	13.8

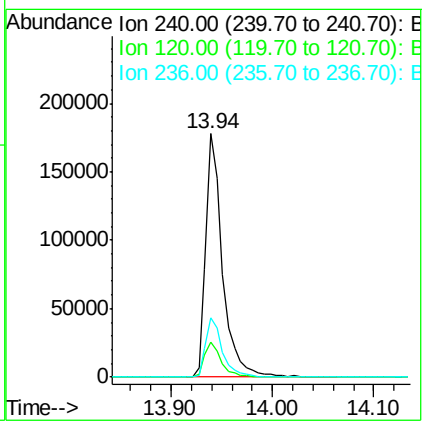


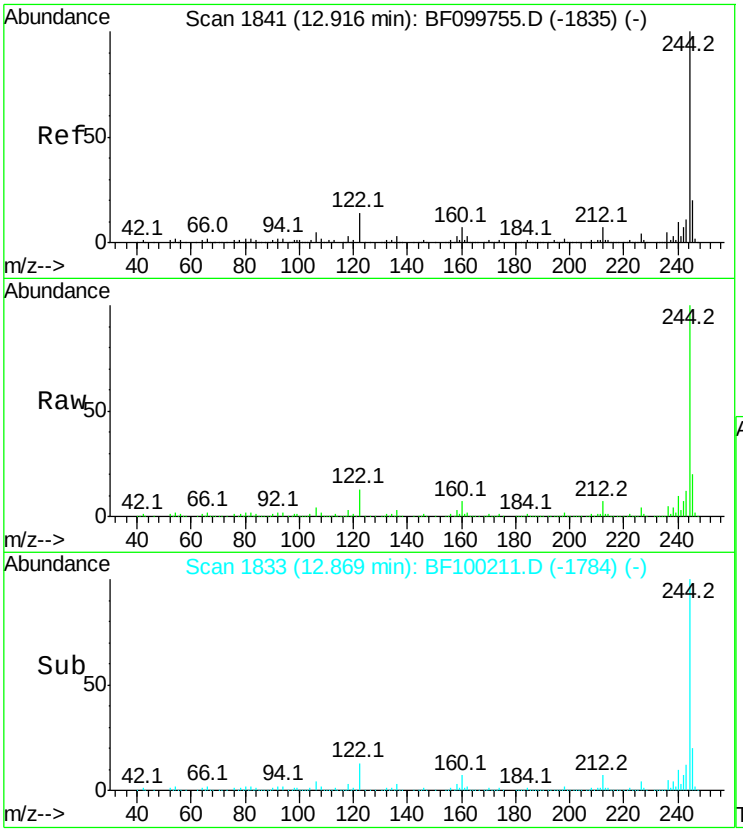


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF100211.D
Acq: 5 Nov 2017 6:25

Tgt Ion:240 Resp: 204205

Ion	Ratio	Lower	Upper
240	100		
120	14.2	9.5	14.3
236	24.4	20.7	31.1



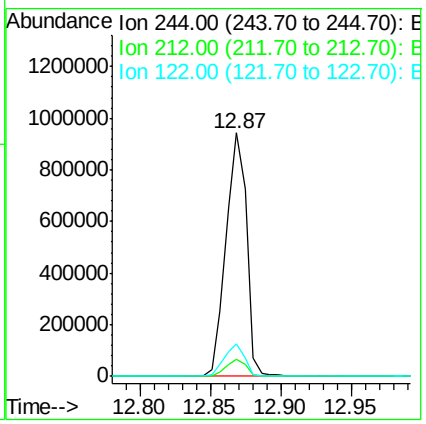


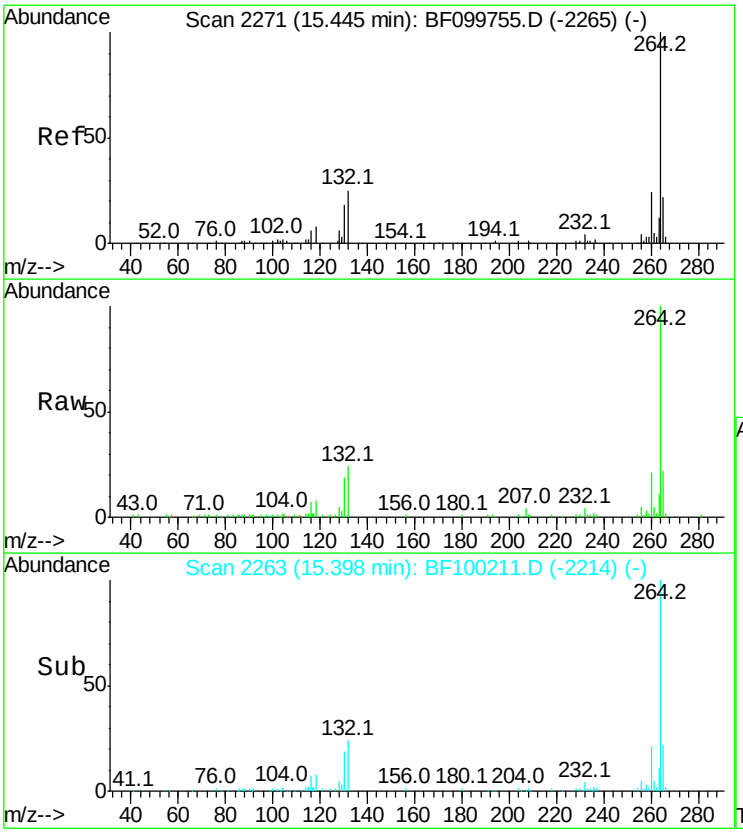
#78
Terphenyl-d14
Concen: 102.496 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF100211.D
Acq: 5 Nov 2017 6:25

Instrument :
BNA_F
ClientSampleId :
110217-SIDI-F-D-S

Tgt Ion:244 Resp: 957739

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.5	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: BF100211.D
Acq: 5 Nov 2017 6:25

Tgt Ion:264 Resp: 139670

Ion	Ratio	Lower	Upper
264	100		
260	21.4	19.2	28.8
265	21.9	17.5	26.3