Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
Data File : BF100985.D
Acq On : 29 Nov 2017 18:31
Operator : SJ/JU
Sample : I6302-11 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-112817-C

Quant Time: Nov 30 02:22:05 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 15:21:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	80996	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	298790	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	119492	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	179948	20.00	ng	0.00
75) Chrysene-d12	14.02	240	156985	20.00	ng	0.00
86) Perylene-d12	15.49	264	113909	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	86551	17.13	ng	-0.01
7) Phenol-d6	6.47	99	105073	16.86	ng	-0.02
23) Nitrobenzene-d5	7.41	82	59057	13.07	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	21344	17.53	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	136399	17.38	ng	0.00
78) Terphenyl-d14	12.96	244	92828	13.59	ng	0.00
Target Compounds						Qvalue

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

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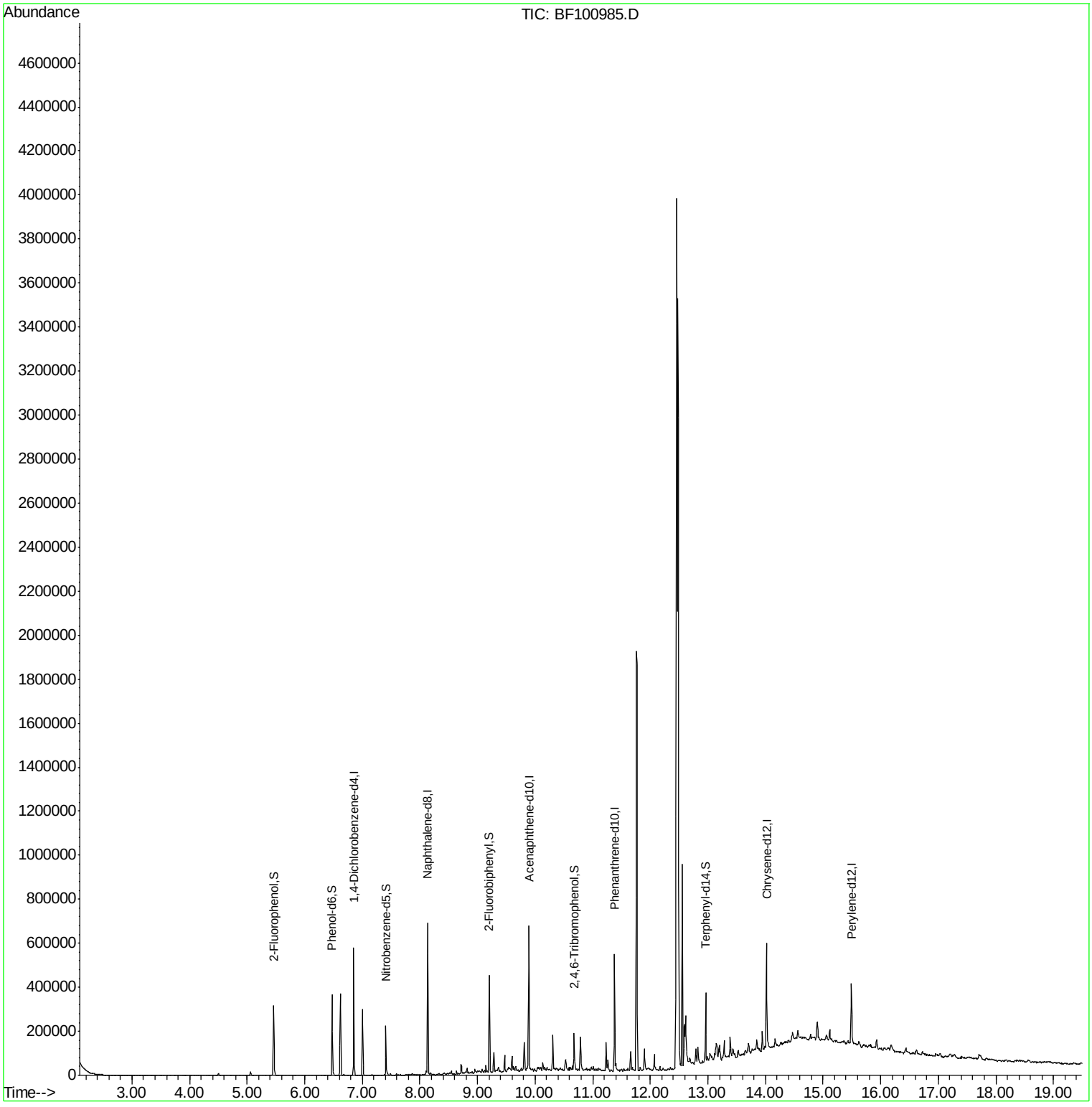
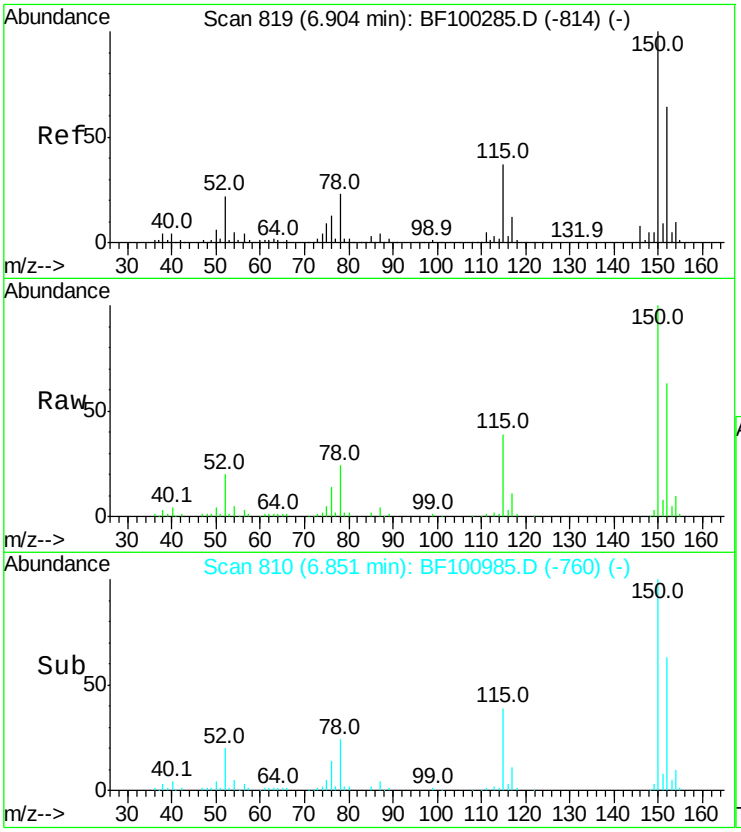


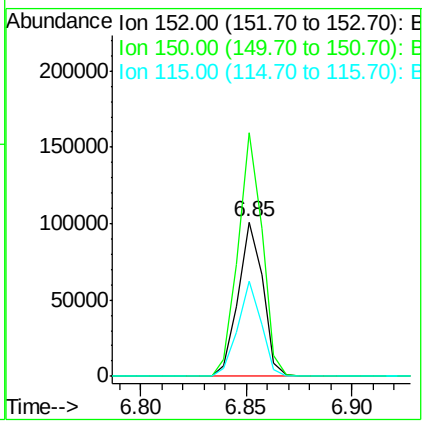


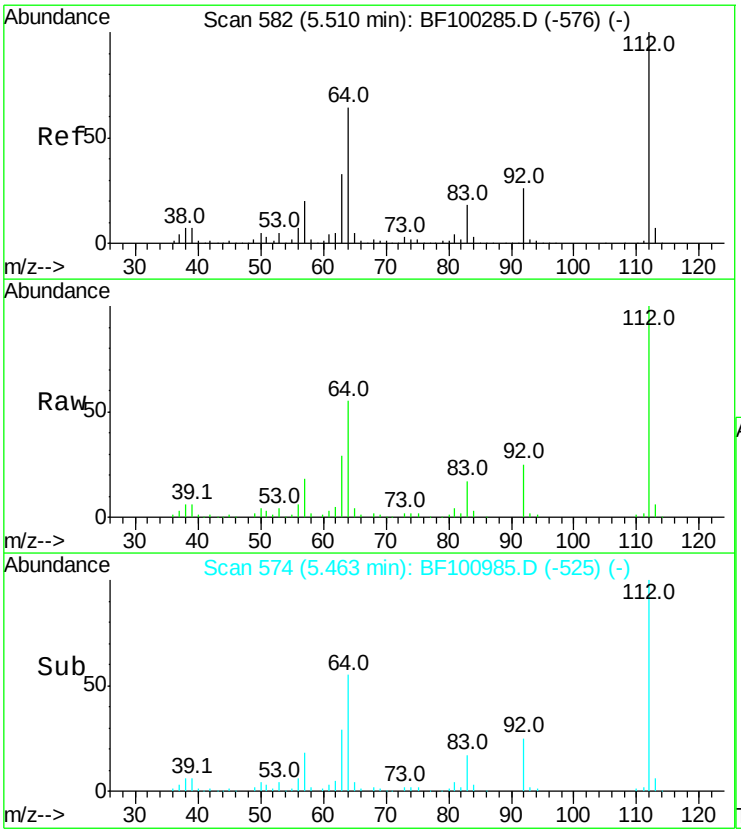
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF100985.D
Acq: 29 Nov 2017 18:31

Instrument :
BNA_F
ClientSampleId :
HR-06-112817-C

Tgt Ion:152 Resp: 80996

Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.6	186.8
115	61.3	50.1	75.1

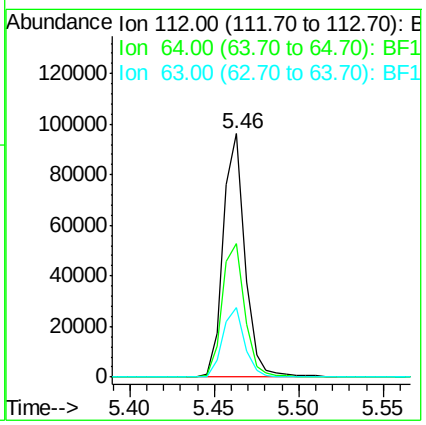


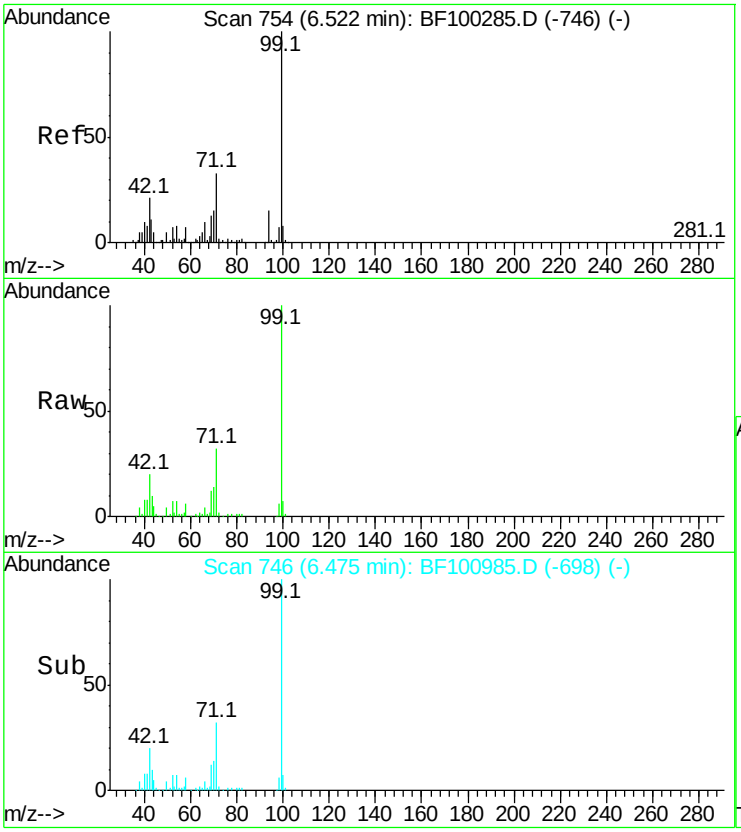


#5
2-Fluorophenol
Concen: 17.129 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF100985.D
Acq: 29 Nov 2017 18:31

Tgt Ion:112 Resp: 86551

Ion	Ratio	Lower	Upper
112	100		
64	54.8	47.9	71.9
63	28.6	23.7	35.5



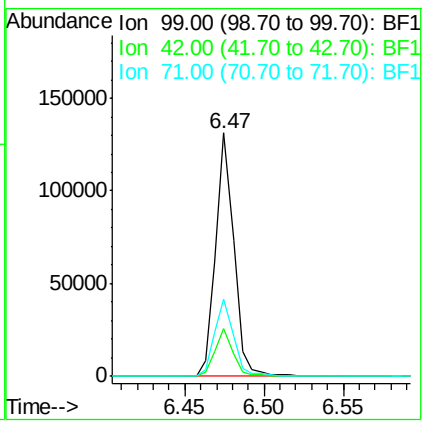


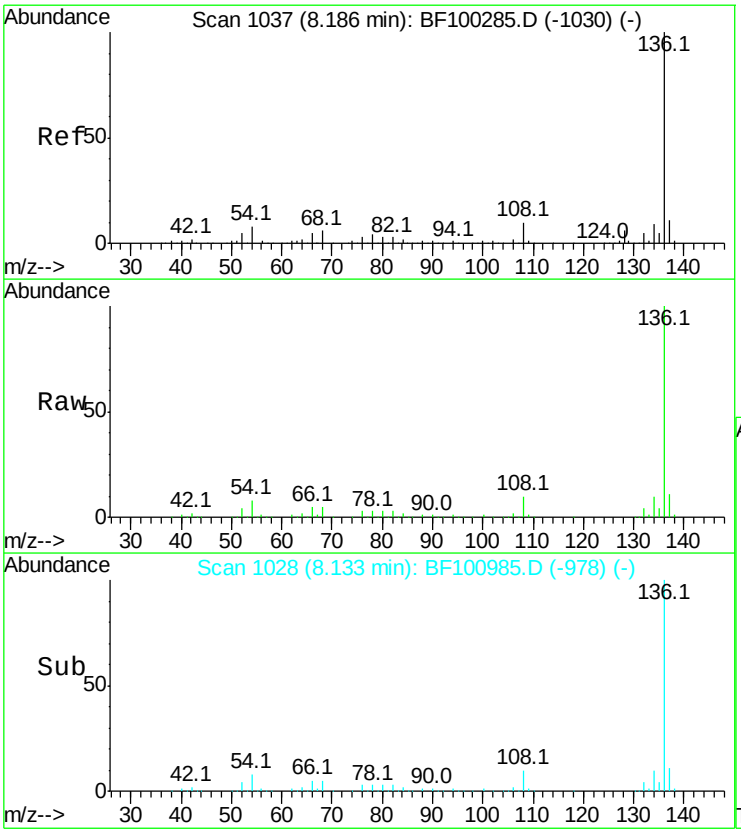
#7
Phenol-d6
Concen: 16.864 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF100985.D
Acq: 29 Nov 2017 18:31

Instrument :
BNA_F
ClientSampleId :
HR-06-112817-C

Tgt Ion: 99 Resp: 105073

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	31.7	25.4	38.0

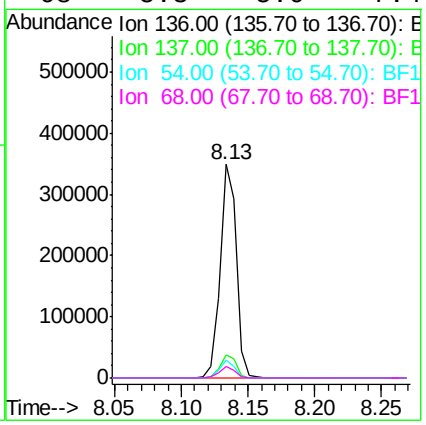


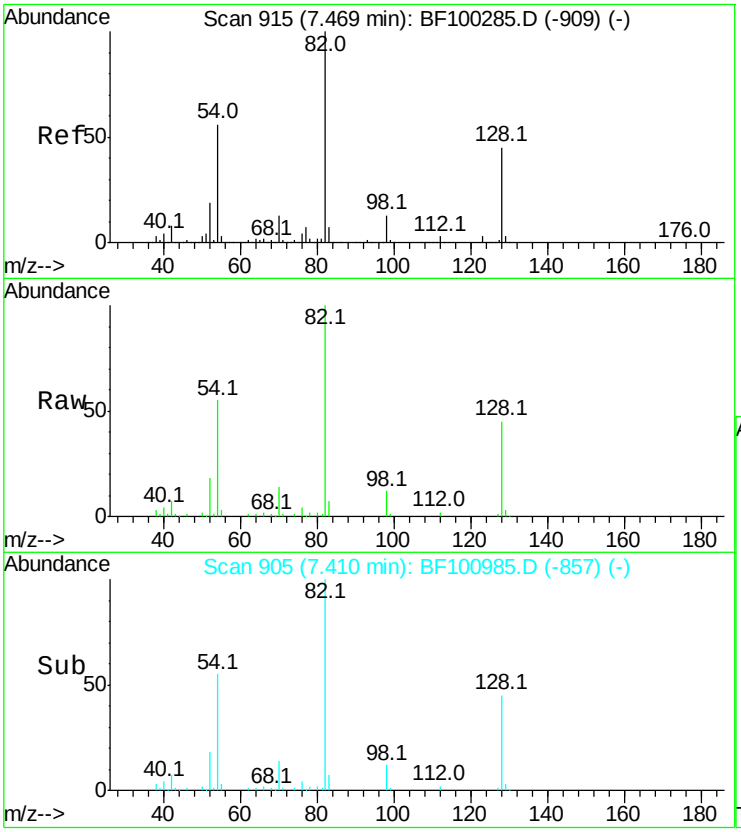


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF100985.D
Acq: 29 Nov 2017 18:31

Tgt Ion:136 Resp: 298790

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.2	6.6	9.8
68	5.3	5.0	7.4



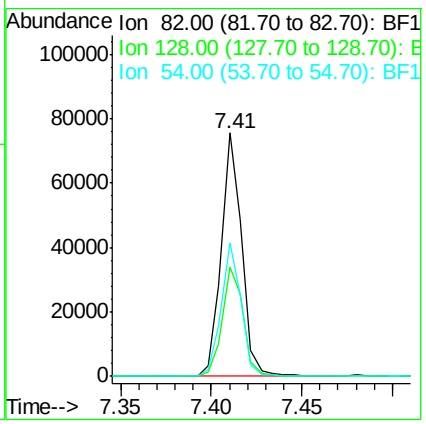


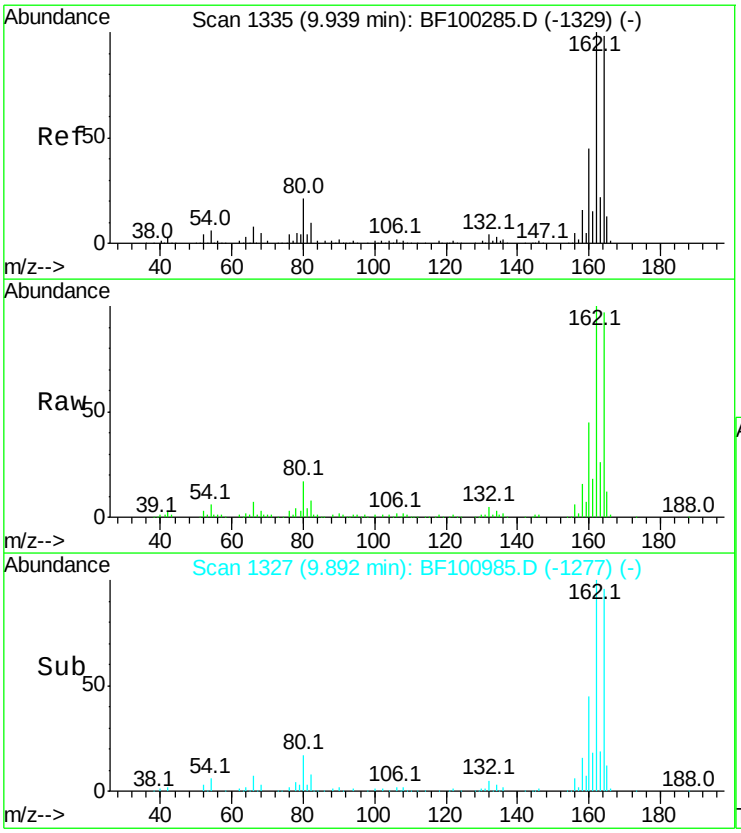
#23
Nitrobenzene-d5
Concen: 13.068 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF100985.D
Acq: 29 Nov 2017 18:31

Instrument :
BNA_F
ClientSampleId :
HR-06-112817-C

Tgt Ion: 82 Resp: 59057

Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	54.7	41.4	62.2

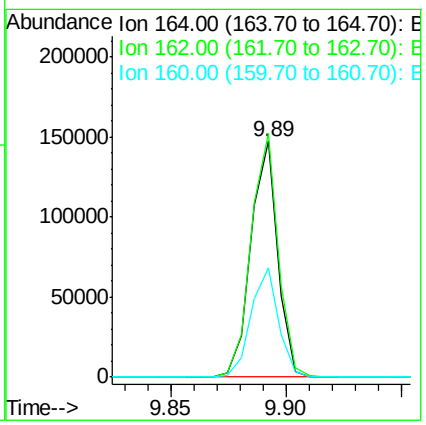


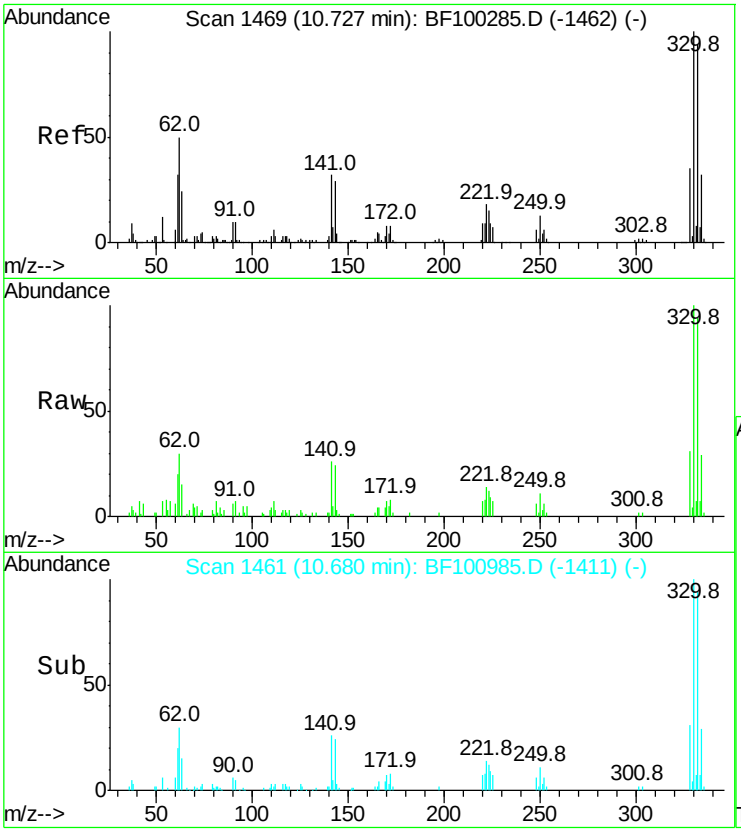


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100985.D
Acq: 29 Nov 2017 18:31

Tgt Ion:164 Resp: 119492

Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	46.1	38.3	57.5



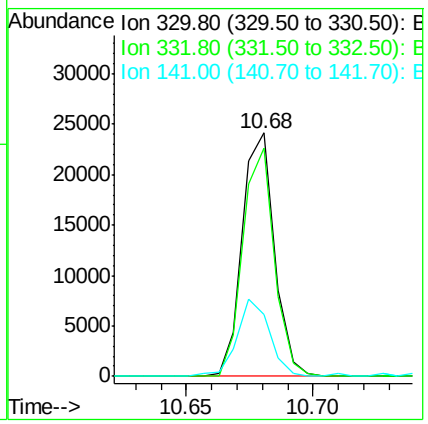


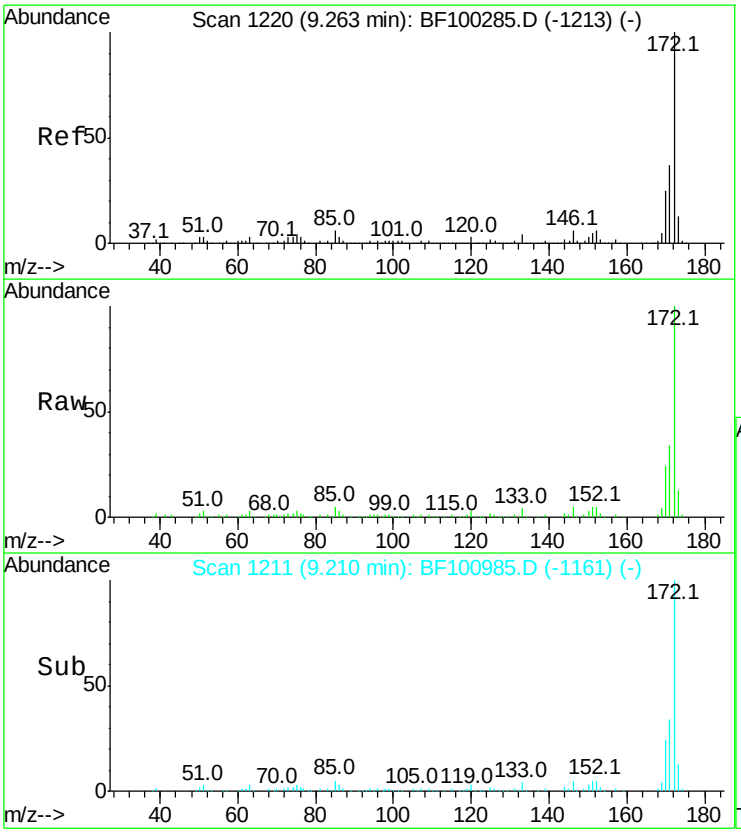
#41
2,4,6-Tribromophenol
Concen: 17.529 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF100985.D
Acq: 29 Nov 2017 18:31

Instrument :
BNA_F
ClientSampleId :
HR-06-112817-C

Tgt Ion:330 Resp: 21344

Ion	Ratio	Lower	Upper
330	100		
332	91.7	77.0	115.6
141	31.9	29.9	44.9

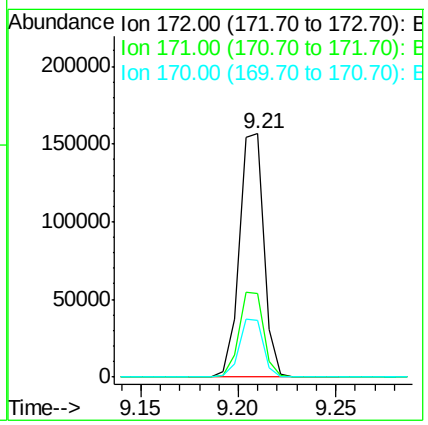


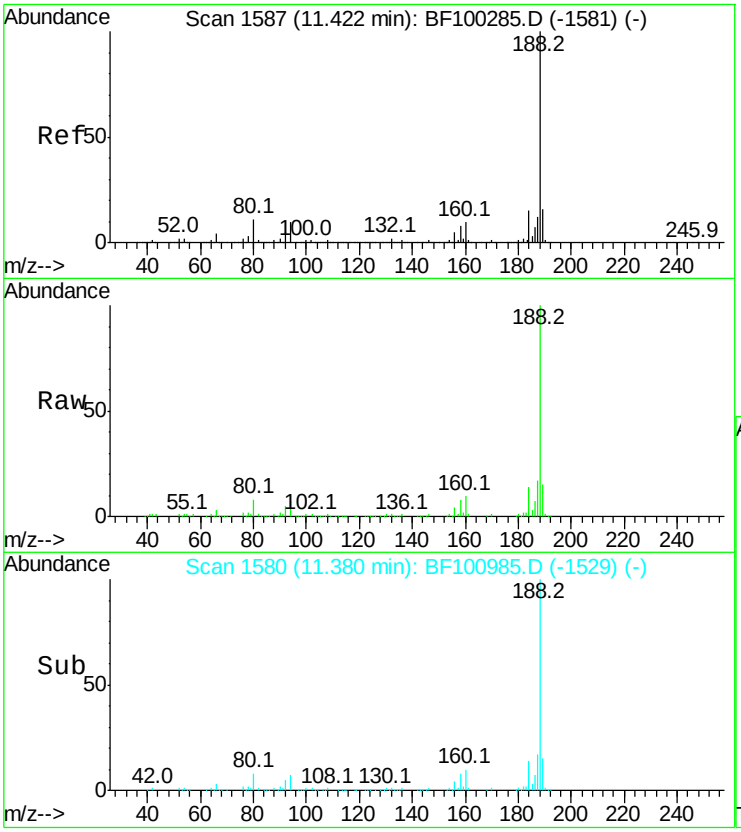


#44
2-Fluorobiphenyl
Concen: 17.382 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF100985.D
Acq: 29 Nov 2017 18:31

Tgt Ion:172 Resp: 136399

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.7	44.5
170	23.5	19.6	29.4



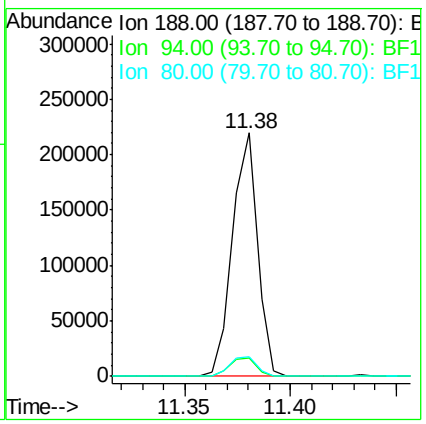


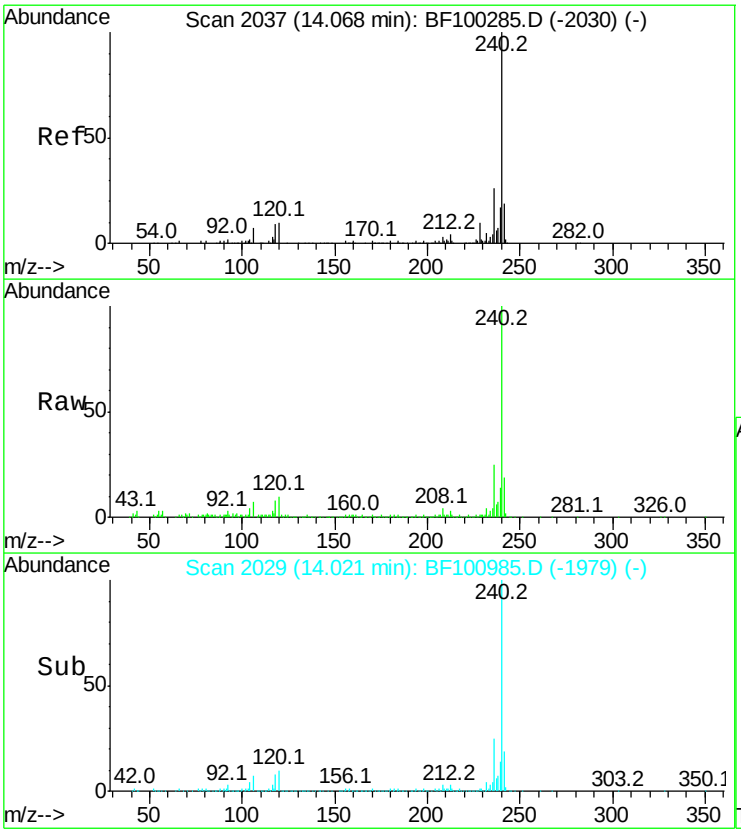
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF100985.D
Acq: 29 Nov 2017 18:31

Instrument :
BNA_F
ClientSampleId :
HR-06-112817-C

Tgt Ion:188 Resp: 179948

Ion	Ratio	Lower	Upper
188	100		
94	7.4	8.5	12.7#
80	7.9	9.2	13.8#

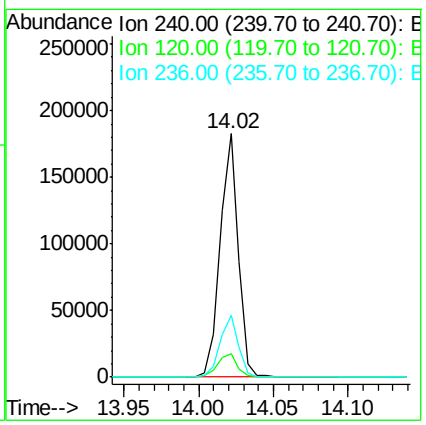


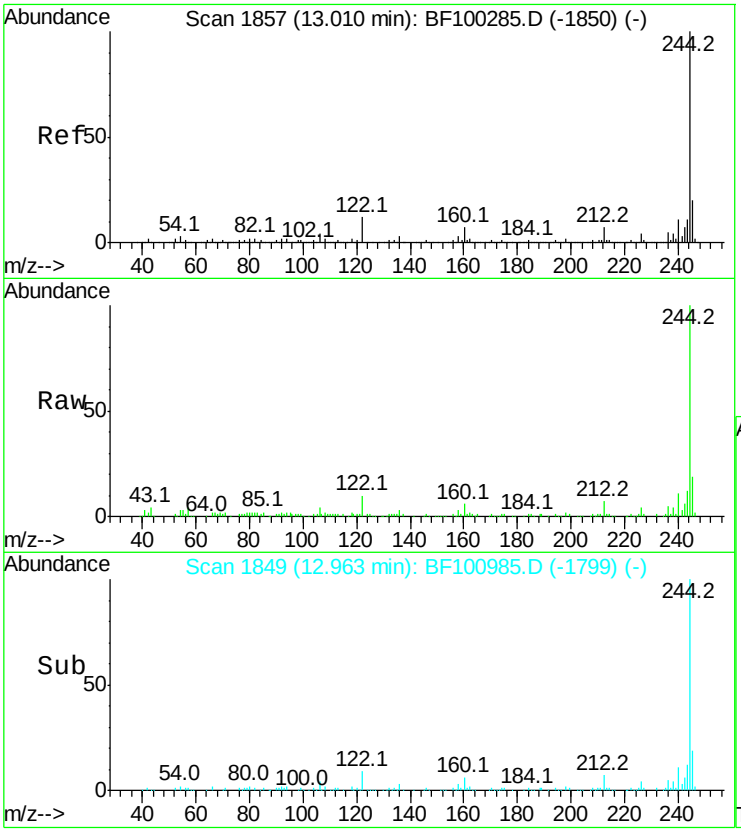


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100985.D
Acq: 29 Nov 2017 18:31

Tgt Ion:240 Resp: 156985

Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.5	14.3
236	25.3	20.7	31.1



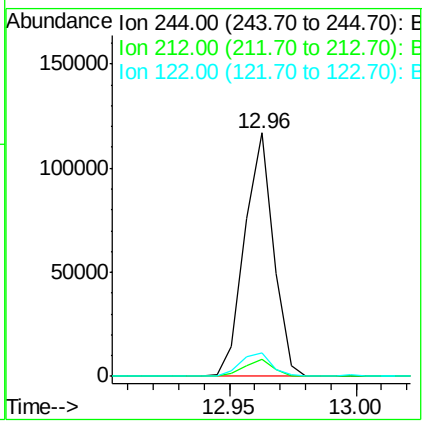


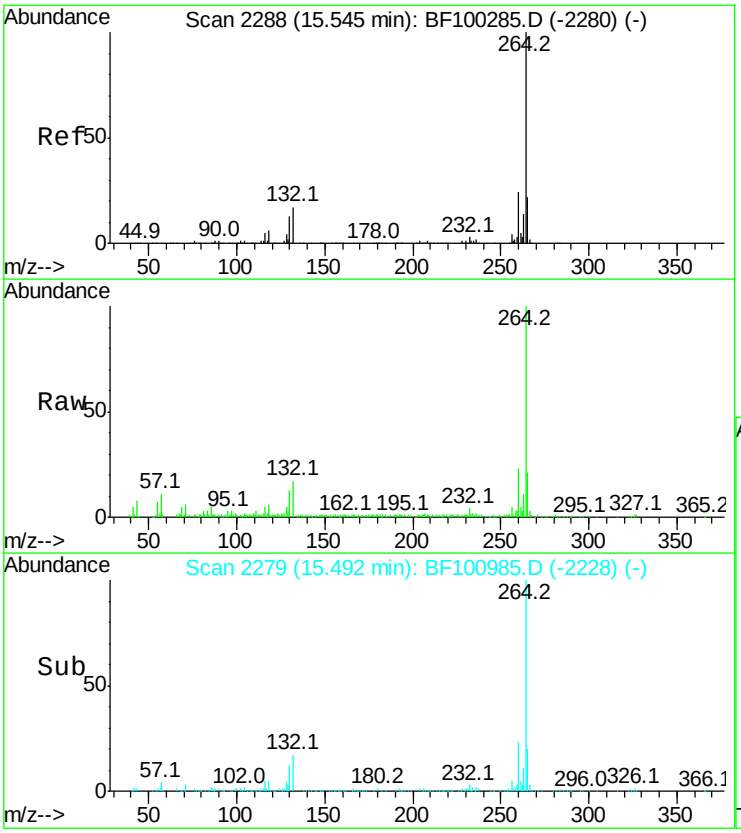
#78
Terphenyl-d14
Concen: 13.587 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF100985.D
Acq: 29 Nov 2017 18:31

Instrument :
BNA_F
ClientSampleId :
HR-06-112817-C

Tgt Ion:244 Resp: 92828

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	9.5	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BF100985.D
Acq: 29 Nov 2017 18:31

Tgt Ion:264 Resp: 113909

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.9	17.5	26.3