Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
Data File : BF100892.D
Acq On : 27 Nov 2017 15:19
Operator : SJ/JU
Sample : I6570-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P003-S002-0001-01

Quant Time: Nov 28 06:27:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 14:11:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	79441	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	314426	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	146026	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	270261	20.00	ng	0.00
75) Chrysene-d12	14.02	240	164025	20.00	ng	0.00
86) Perylene-d12	15.49	264	175085	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	375319	75.73	ng	0.00
7) Phenol-d6	6.49	99	455023	74.46	ng	0.00
23) Nitrobenzene-d5	7.42	82	281144	59.12	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	128800	86.56	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	539059	56.21	ng	0.00
78) Terphenyl-d14	12.96	244	457308	64.06	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.50	94	17360	2.706	ng	96
49) Dimethylphthalate	9.60	163	73881	6.627	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	19157	3.055	ng	98

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

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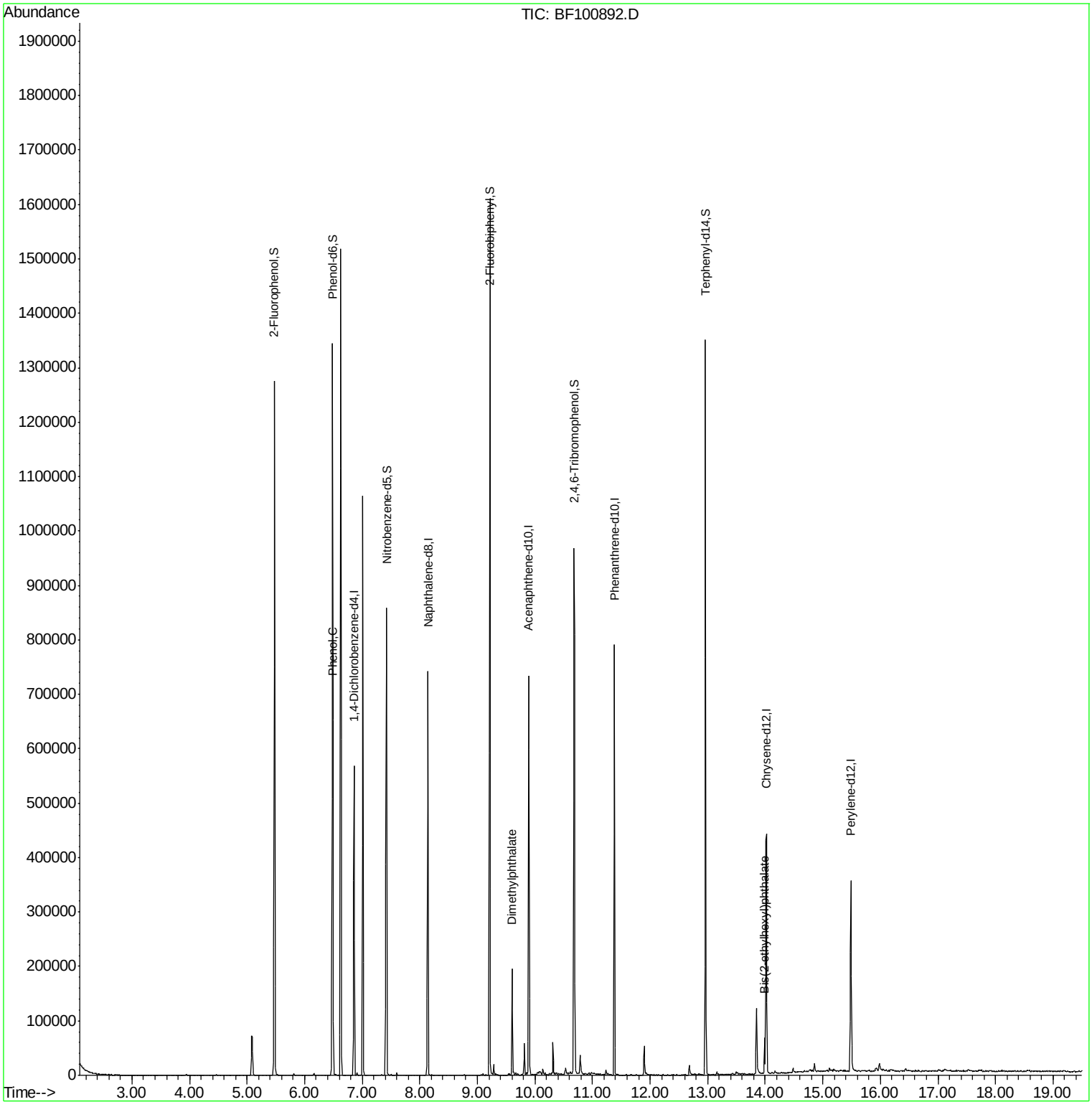
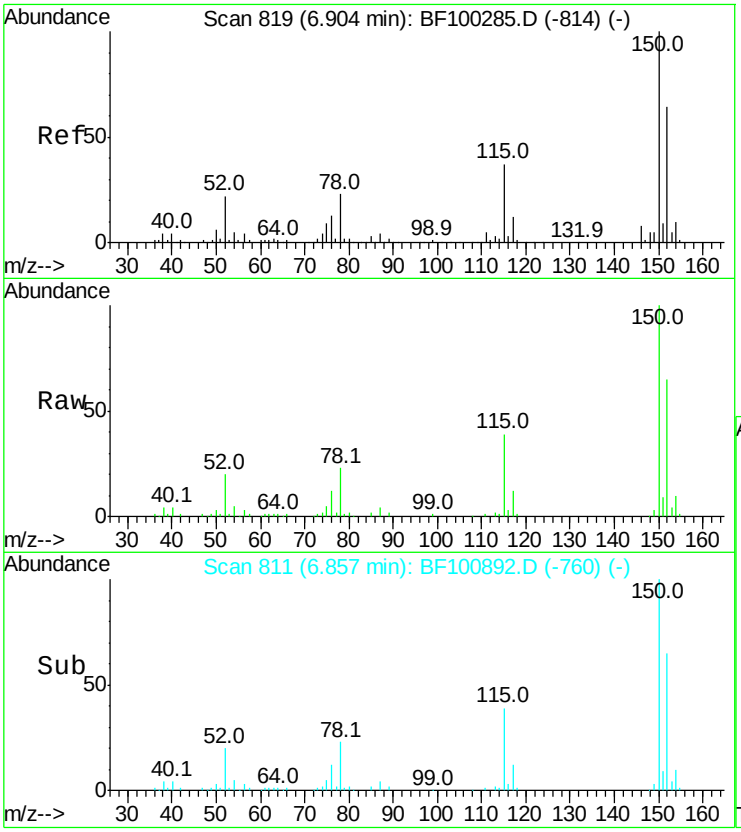


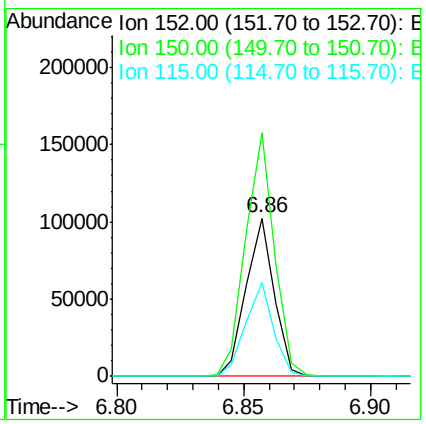


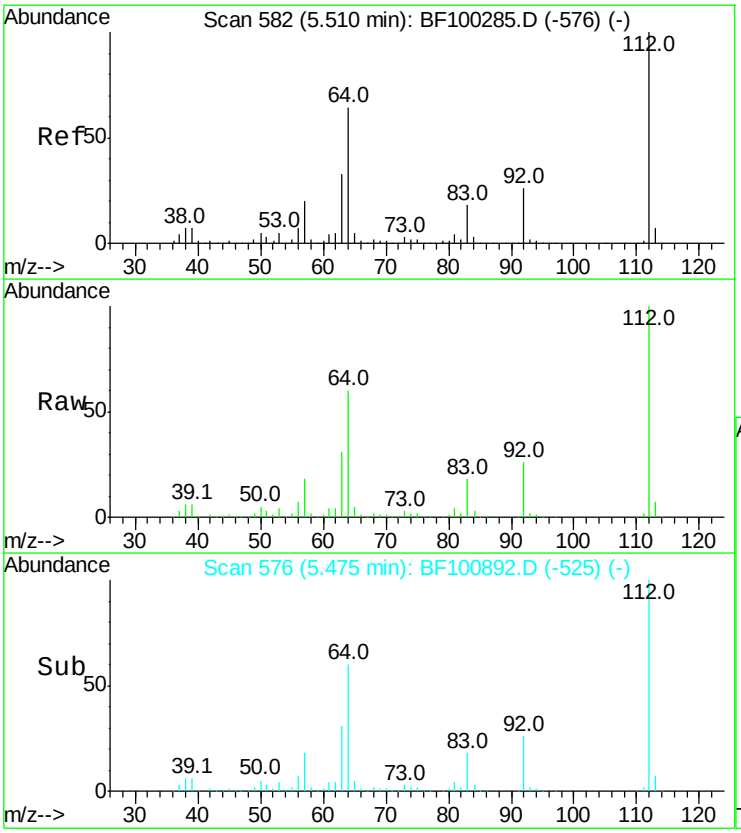
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF100892.D
Acq: 27 Nov 2017 15:19

Instrument :
BNA_F
ClientSampleId :
P003-S002-0001-01

Tgt Ion:152 Resp: 79441

Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.6	186.8
115	59.5	50.1	75.1

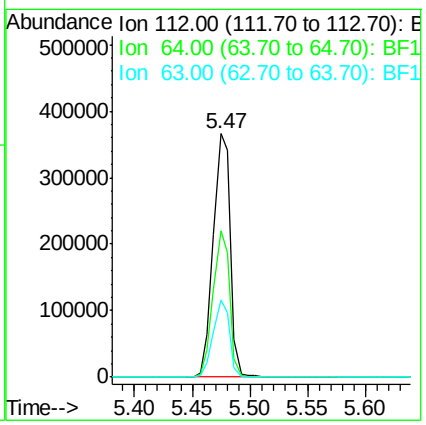


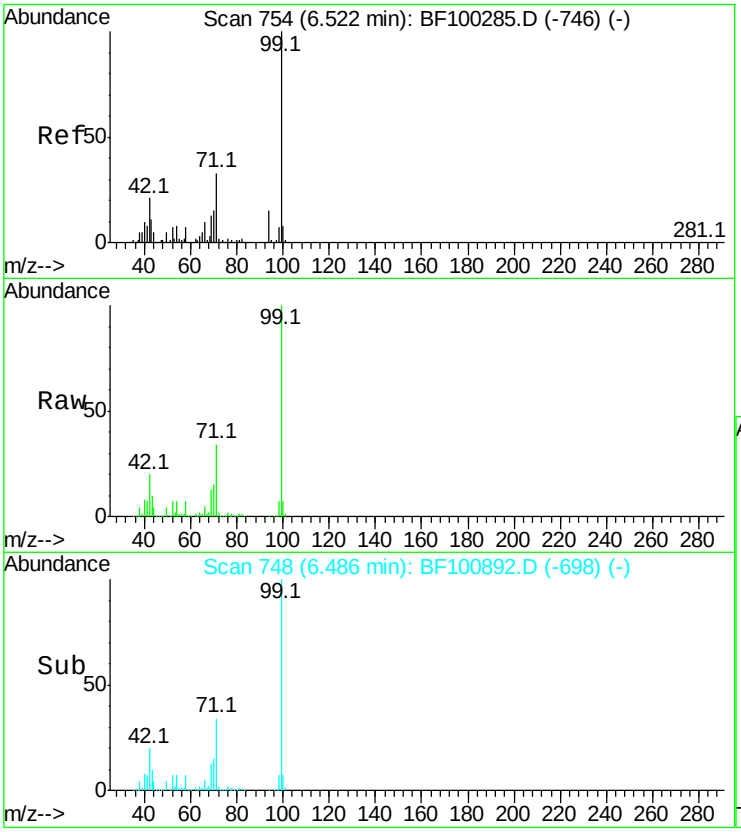


#5
2-Fluorophenol
Concen: 75.733 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF100892.D
Acq: 27 Nov 2017 15:19

Tgt Ion:112 Resp: 375319

Ion	Ratio	Lower	Upper
112	100		
64	60.2	47.9	71.9
63	31.5	23.7	35.5



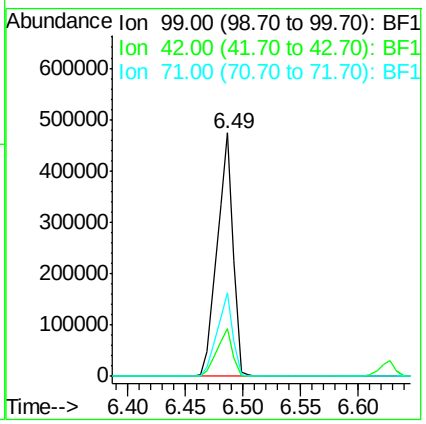


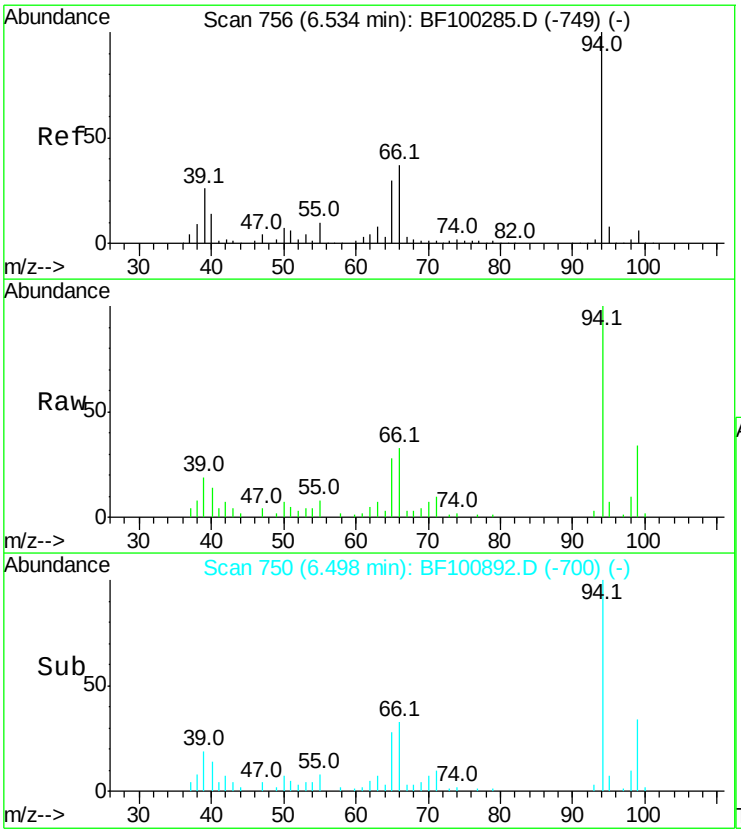
#7
Phenol-d6
Concen: 74.458 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF100892.D
Acq: 27 Nov 2017 15:19

Instrument :
BNA_F
ClientSampleId :
P003-S002-0001-01

Tgt Ion: 99 Resp: 455023

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.5	21.7
71	34.1	25.4	38.0

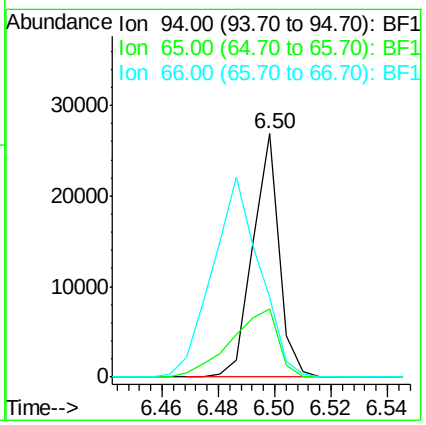


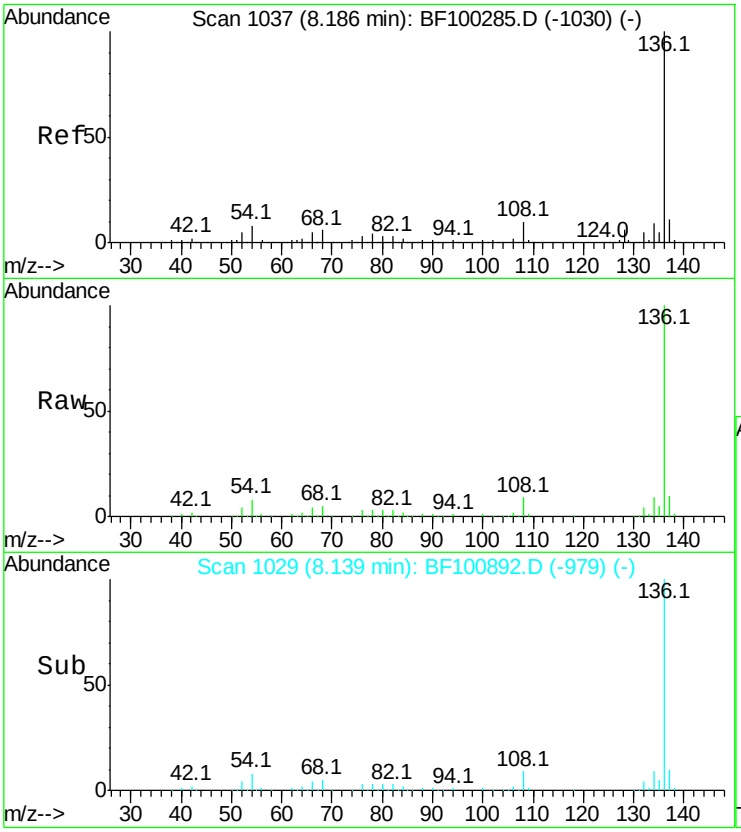


#10
Phenol
Concen: 2.706 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF100892.D
Acq: 27 Nov 2017 15:19

Tgt Ion: 94 Resp: 17360

Ion	Ratio	Lower	Upper
94	100		
65	28.2	7.9	47.9
66	32.6	16.2	56.2



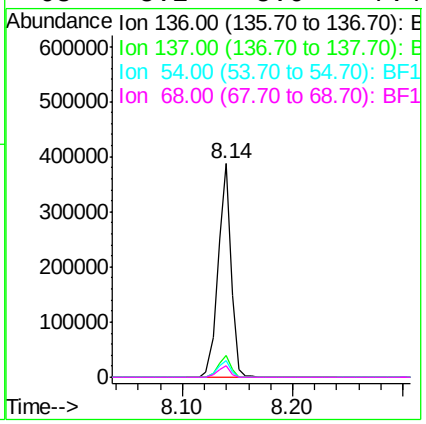


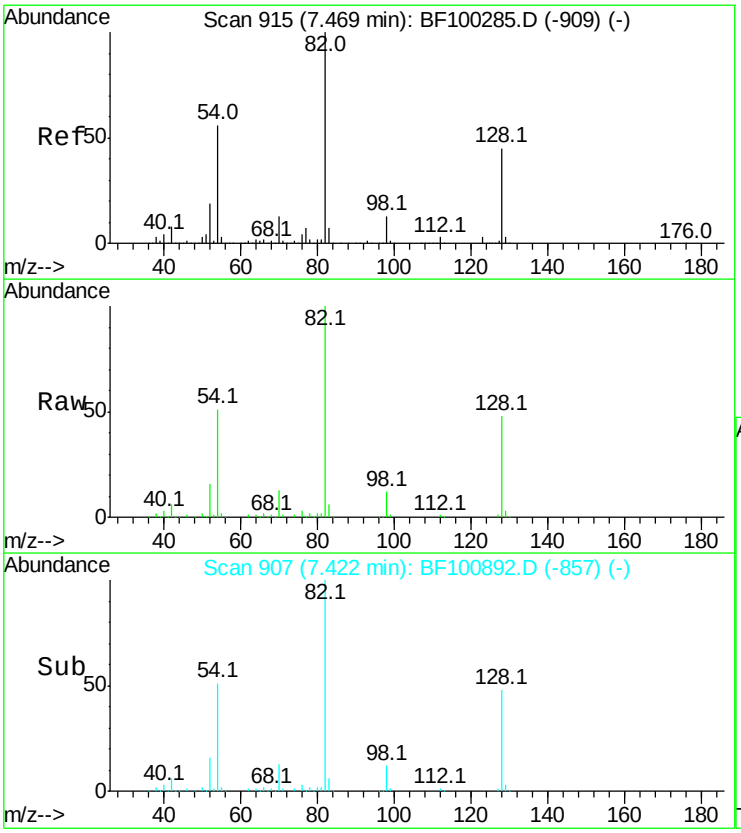
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF100892.D
Acq: 27 Nov 2017 15:19

Instrument :
BNA_F
ClientSampleId :
P003-S002-0001-01

Tgt Ion:136 Resp: 314426

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	7.5	6.6	9.8
68	5.2	5.0	7.4

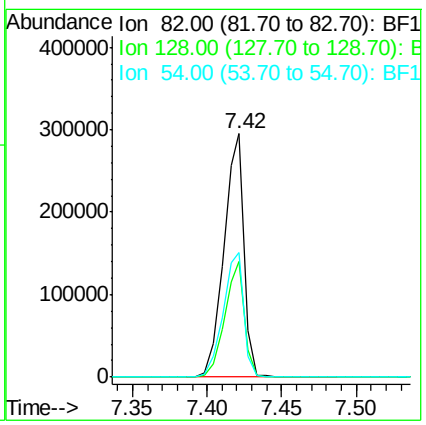


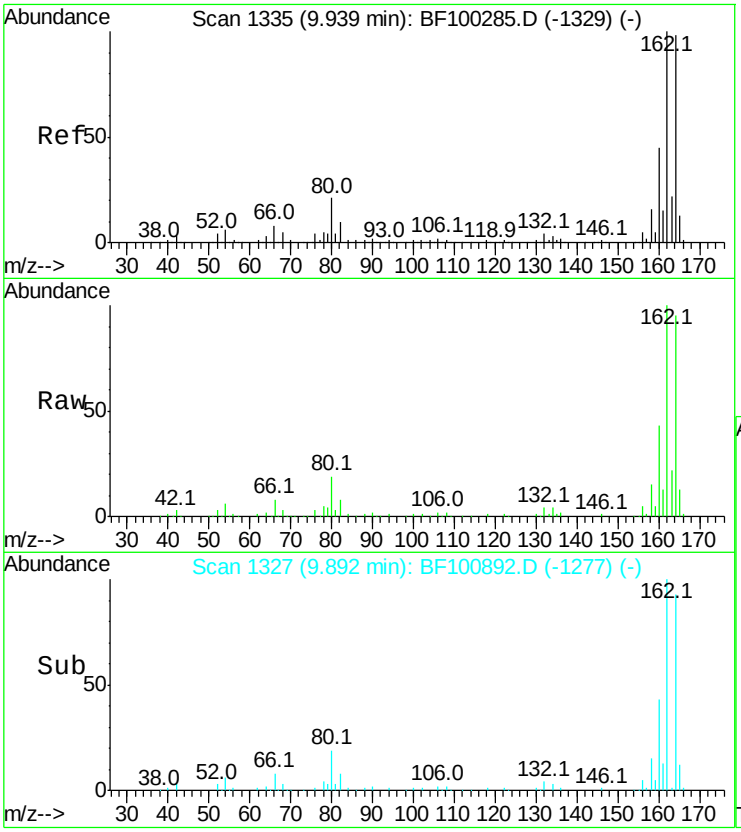


#23
Nitrobenzene-d5
Concen: 59.115 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100892.D
Acq: 27 Nov 2017 15:19

Tgt Ion: 82 Resp: 281144

Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.1	54.1
54	51.2	41.4	62.2



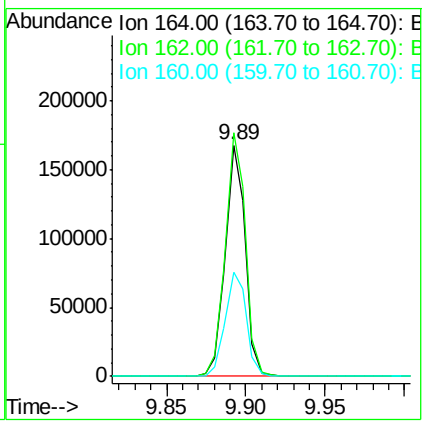


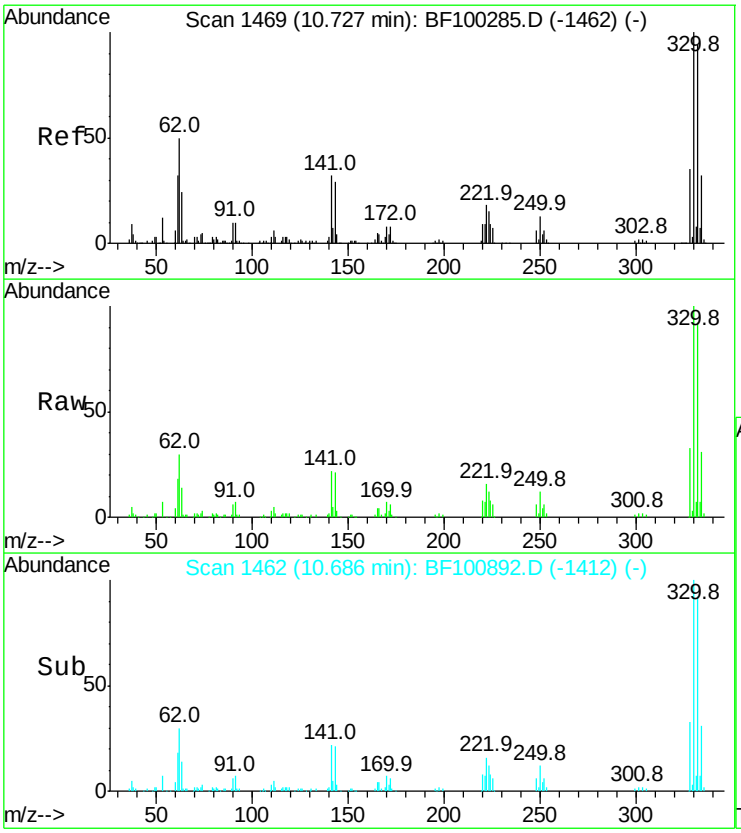
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100892.D
Acq: 27 Nov 2017 15:19

Instrument :
BNA_F
ClientSampleId :
P003-S002-0001-01

Tgt Ion:164 Resp: 146026

Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	45.1	38.3	57.5

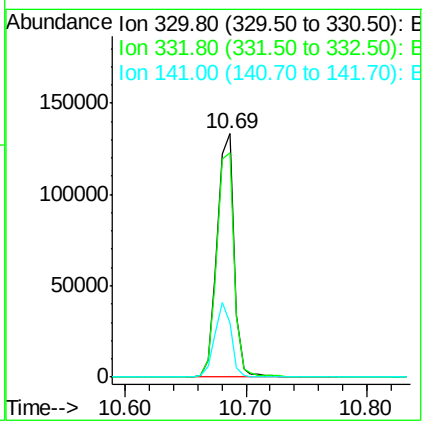


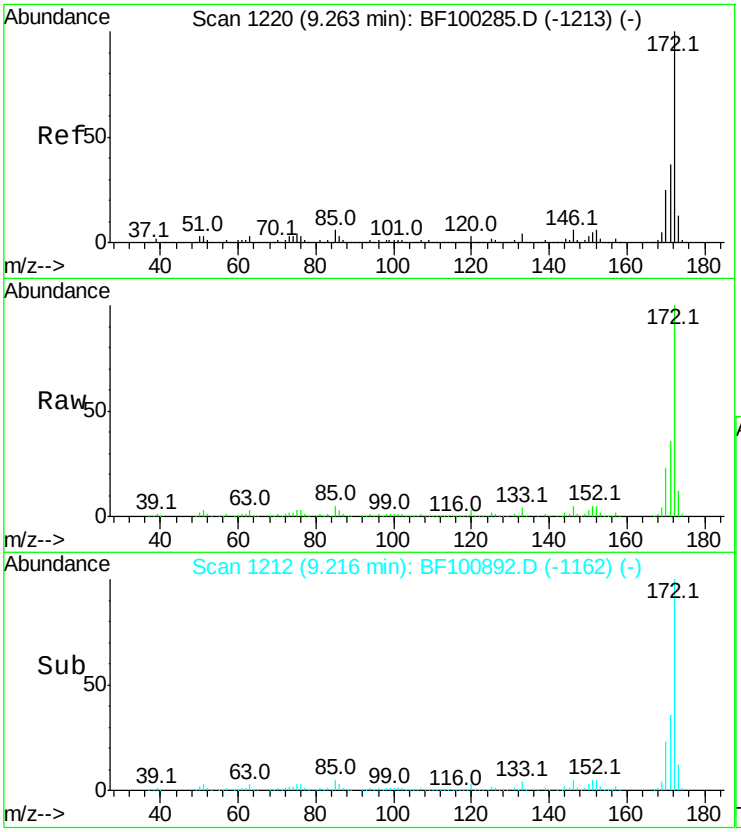


#41
2,4,6-Tribromophenol
Concen: 86.559 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF100892.D
Acq: 27 Nov 2017 15:19

Tgt Ion:330 Resp: 128800

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	29.1	29.9	44.9#



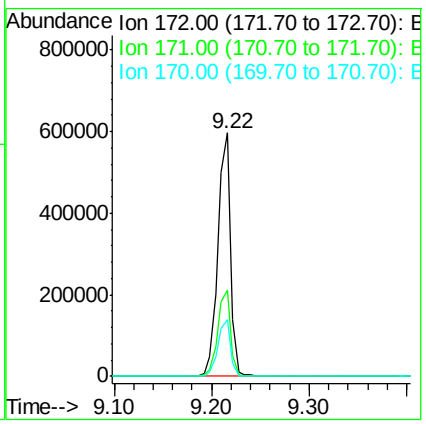


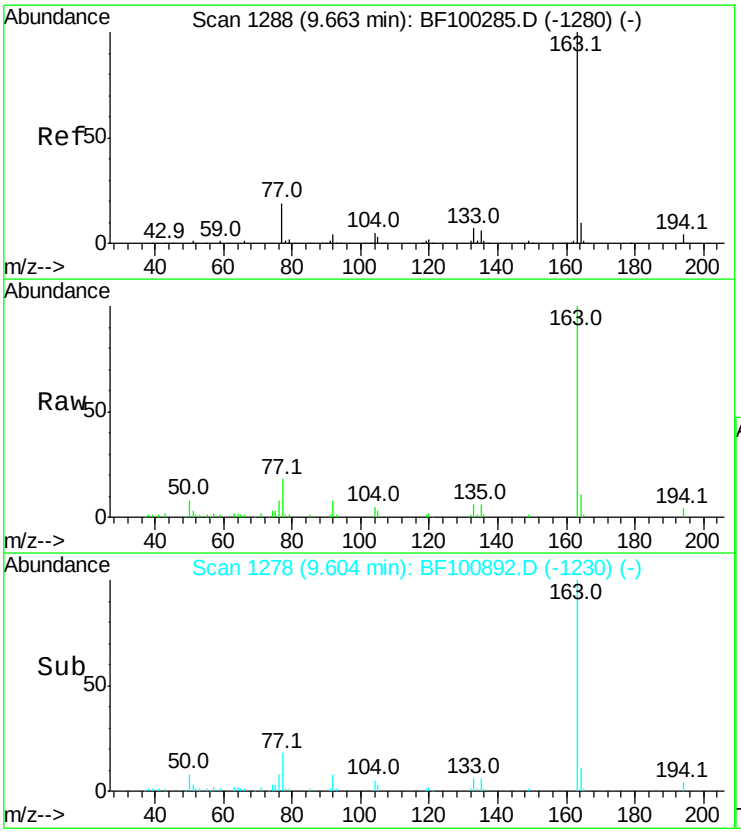
#44
2-Fluorobiphenyl
Concen: 56.211 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF100892.D
Acq: 27 Nov 2017 15:19

Instrument :
BNA_F
ClientSampleId :
P003-S002-0001-01

Tgt Ion:172 Resp: 539059

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.3	19.6	29.4

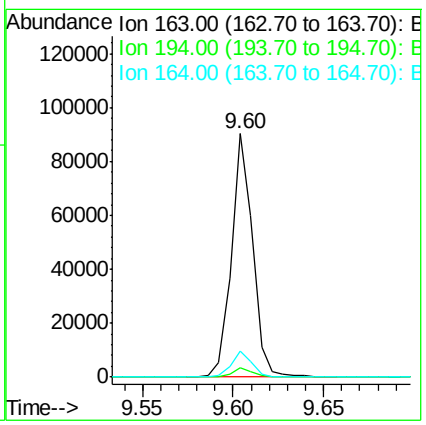


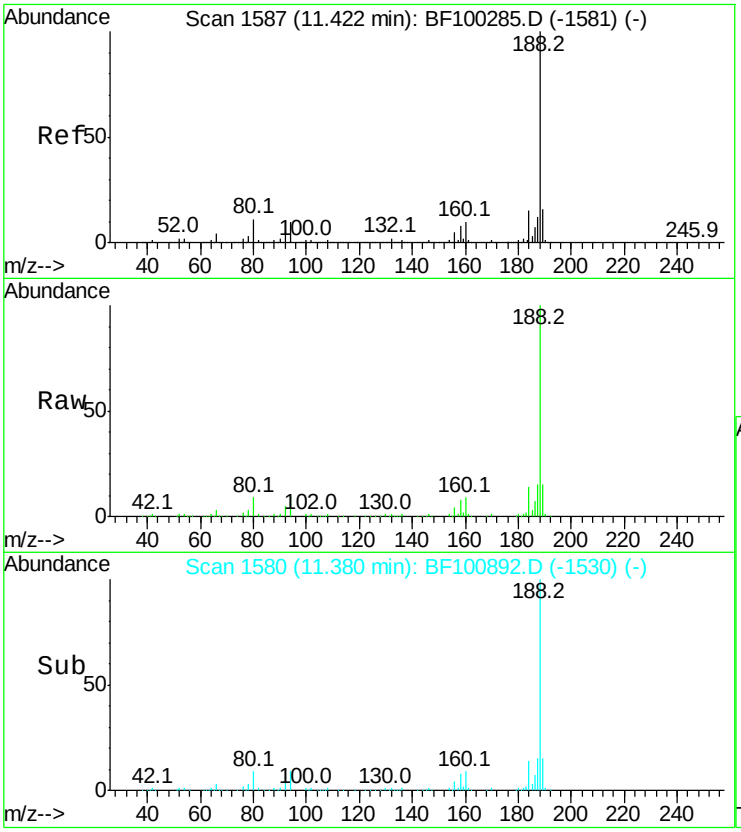


#49
Dimethylphthalate
Concen: 6.627 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF100892.D
Acq: 27 Nov 2017 15:19

Tgt Ion:163 Resp: 73881

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.8	8.2	12.2



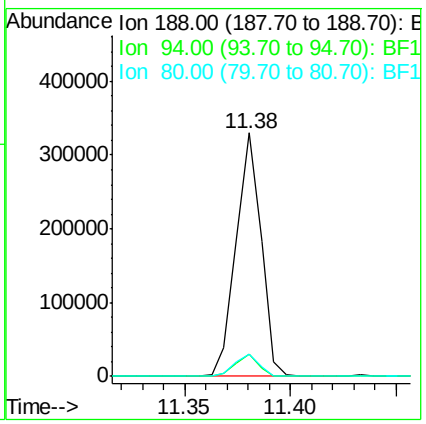


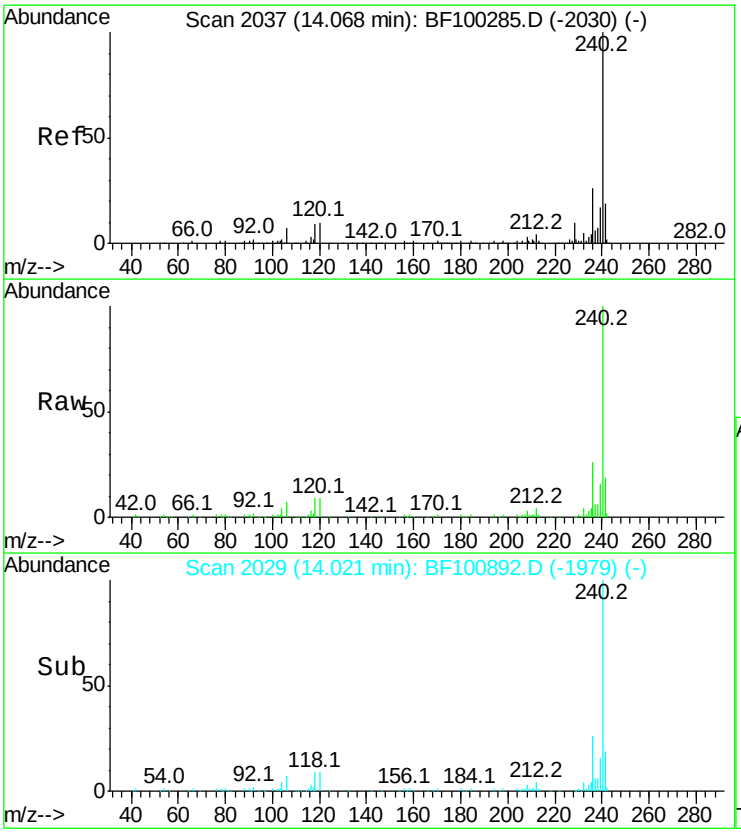
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF100892.D
Acq: 27 Nov 2017 15:19

Instrument :
BNA_F
ClientSampleId :
P003-S002-0001-01

Tgt Ion:188 Resp: 270261

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.2	9.2	13.8

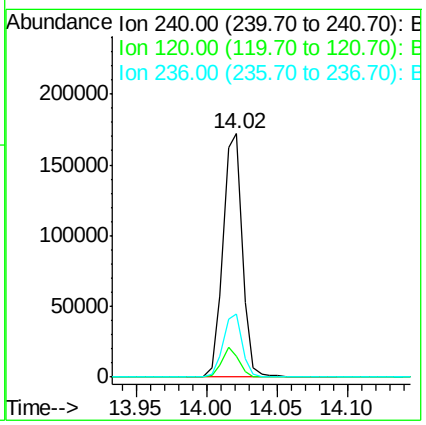


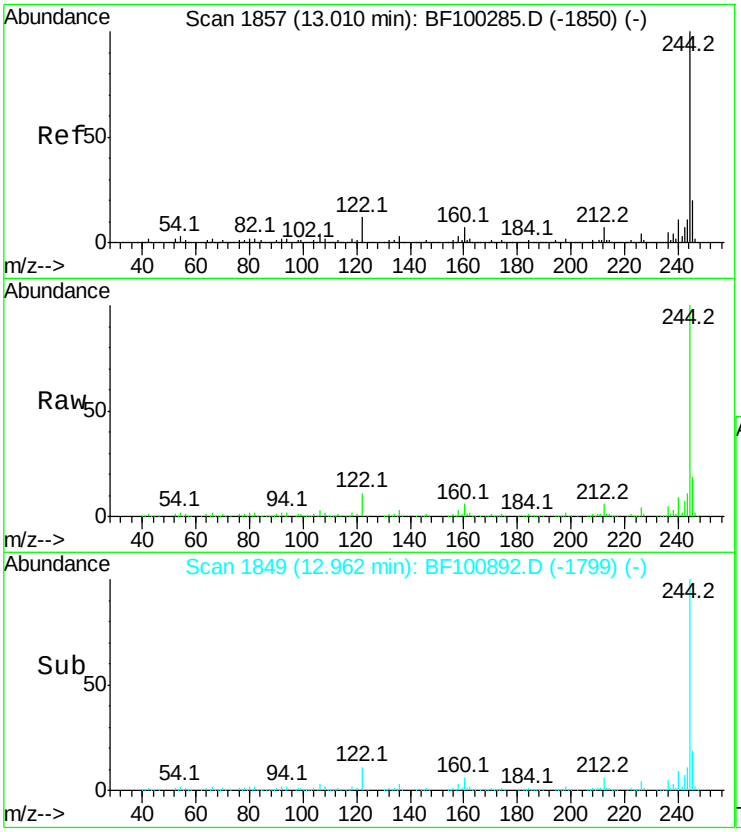


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100892.D
Acq: 27 Nov 2017 15:19

Tgt Ion:240 Resp: 164025

Ion	Ratio	Lower	Upper
240	100		
120	8.8	9.5	14.3#
236	25.8	20.7	31.1



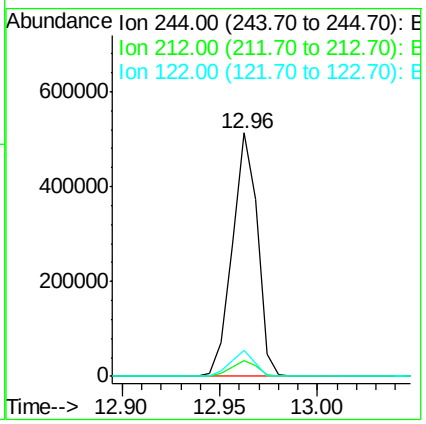


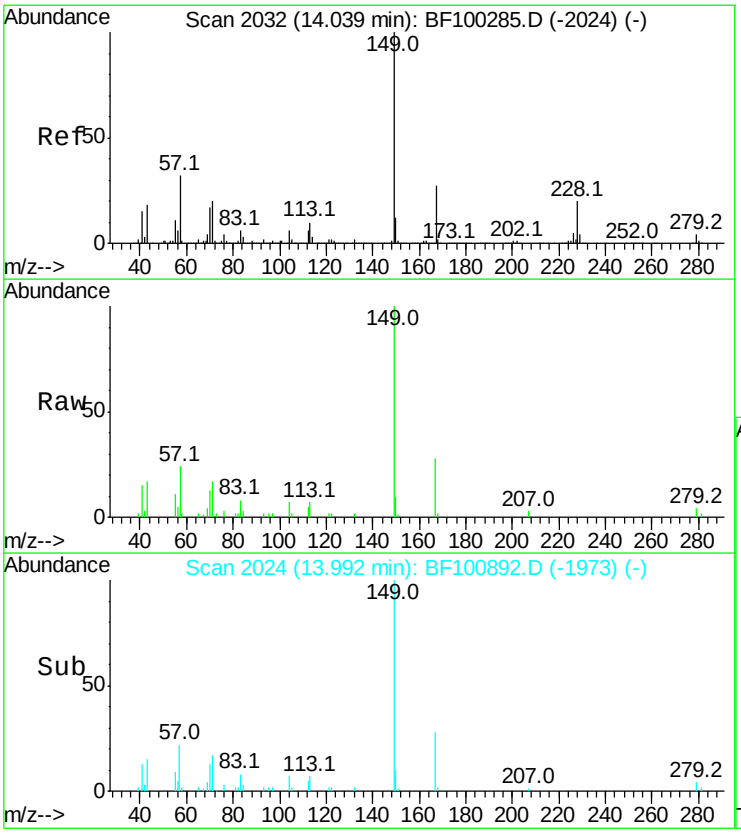
#78
Terphenyl-d14
Concen: 64.061 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF100892.D
Acq: 27 Nov 2017 15:19

Instrument :
BNA_F
ClientSampleId :
P003-S002-0001-01

Tgt Ion:244 Resp: 457308

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	10.9	11.0	16.4#

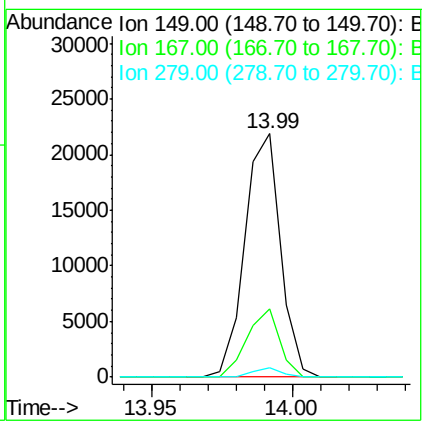


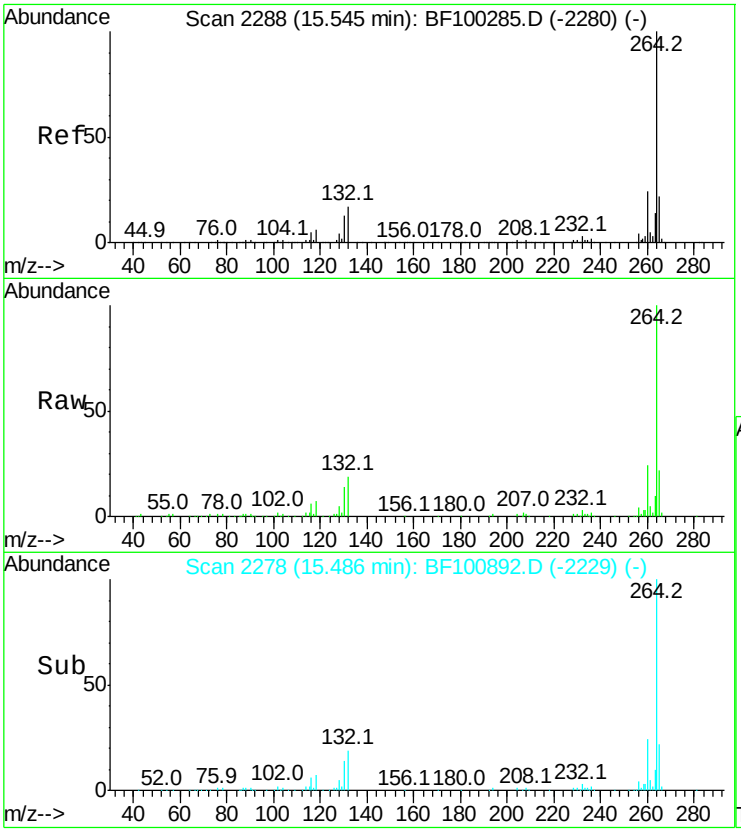


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.055 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BF100892.D
Acq: 27 Nov 2017 15:19

Tgt Ion:149 Resp: 19157

Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.3	31.9
279	3.7	3.0	4.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF100892.D
Acq: 27 Nov 2017 15:19

Instrument :
BNA_F
ClientSampleId :
P003-S002-0001-01

Tgt Ion:264 Resp: 175085

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.8	17.5	26.3