Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
Data File : BF100891.D
Acq On : 27 Nov 2017 14:52
Operator : SJ/JU
Sample : I6570-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P003-S001-0001-02

Quant Time: Nov 27 23:20:31 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	72443	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	289914	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	134396	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	252859	20.00	ng	0.00
75) Chrysene-d12	14.02	240	152337	20.00	ng	-0.01
86) Perylene-d12	15.49	264	164148	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	368928	81.63	ng	0.00
7) Phenol-d6	6.49	99	448113	80.41	ng	0.00
23) Nitrobenzene-d5	7.42	82	277178	63.21	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	125560	91.68	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	510698	57.86	ng	0.00
78) Terphenyl-d14	12.96	244	445909	67.26	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.50	94	17577	3.004	ng	96
49) Dimethylphthalate	9.60	163	69888	6.811	ng	100

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

Quantitation Report (LSC Reviewed)

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Instrument :
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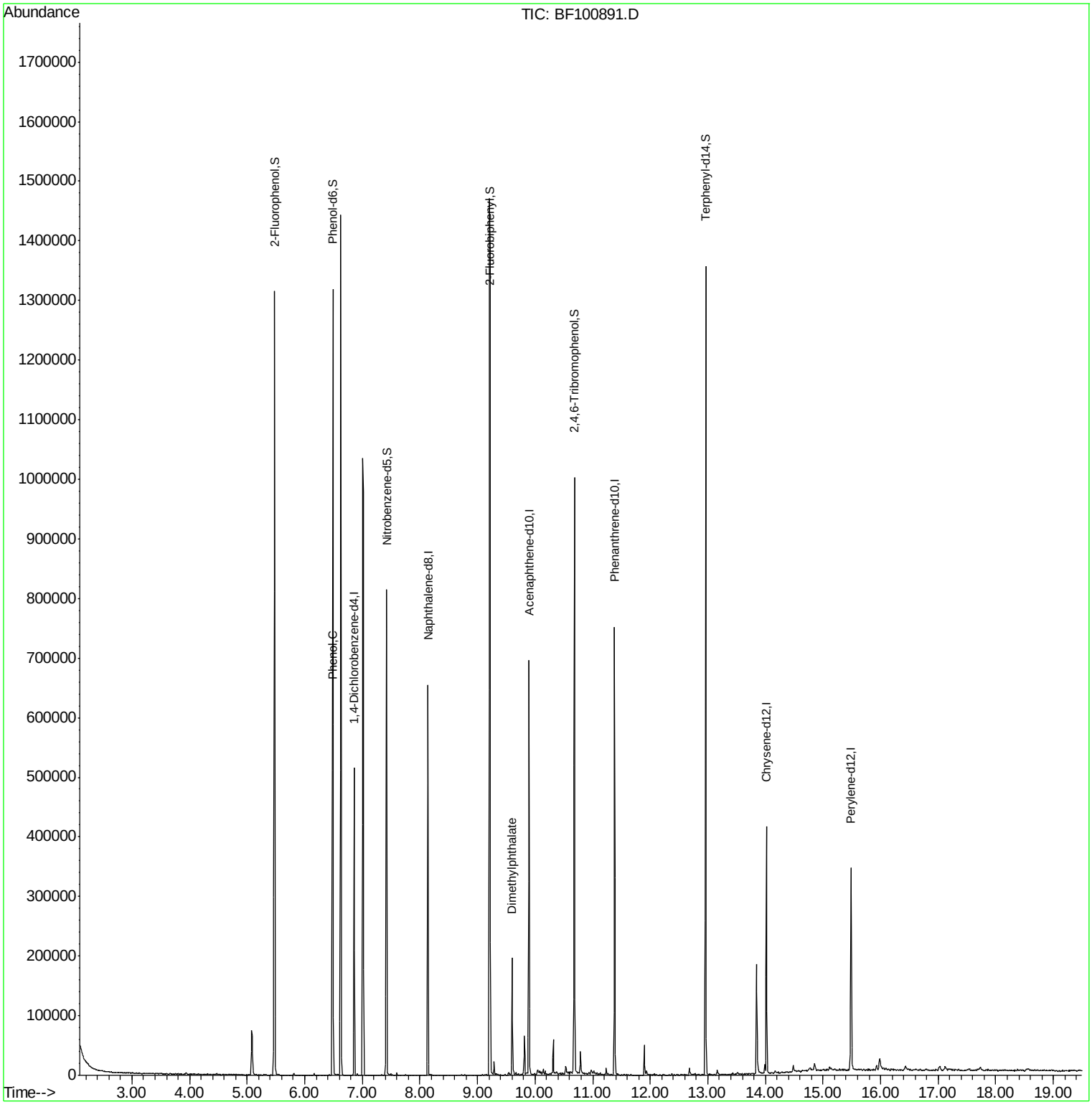
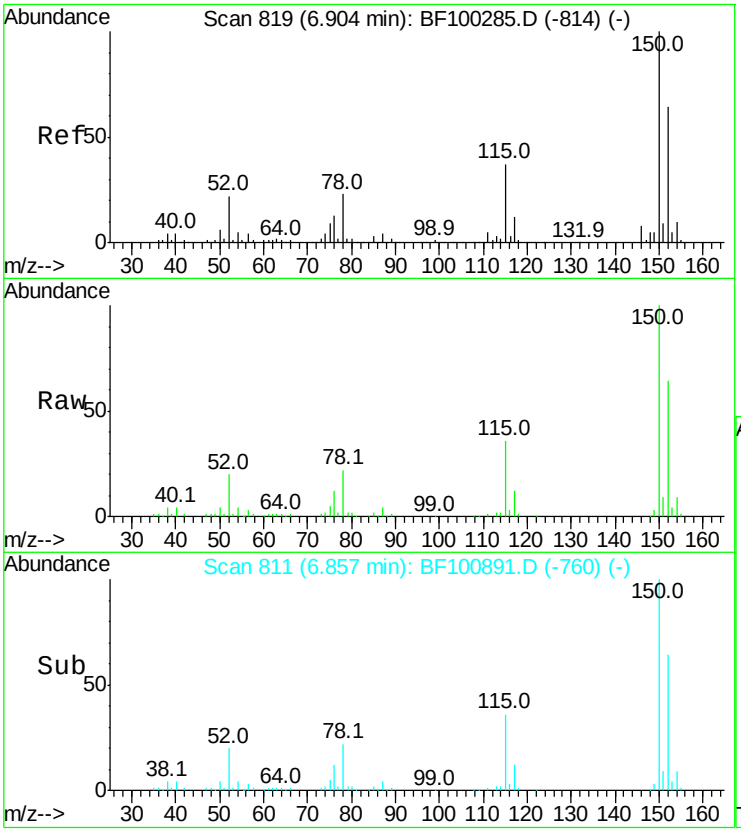


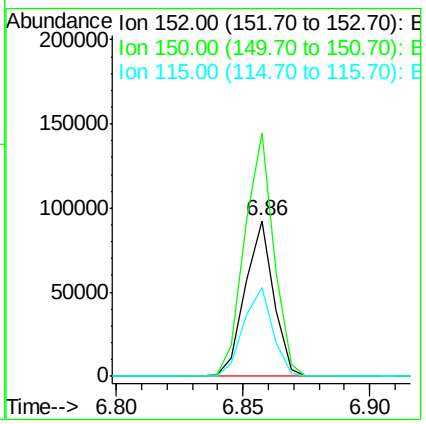


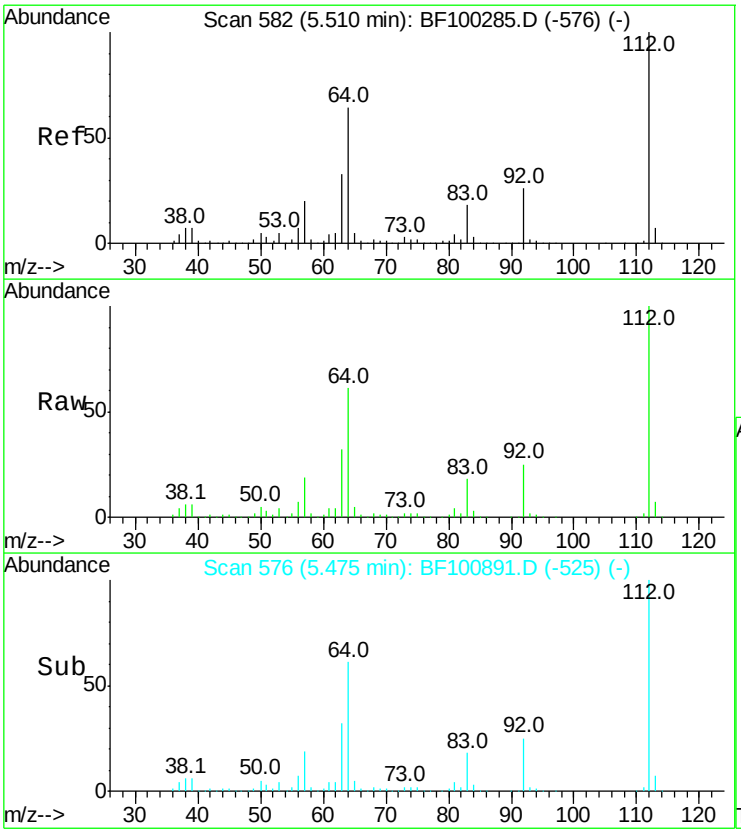
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF100891.D
Acq: 27 Nov 2017 14:52

Instrument :
BNA_F
ClientSampleId :
P003-S001-0001-02

Tgt Ion:152 Resp: 72443

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	56.6	50.1	75.1

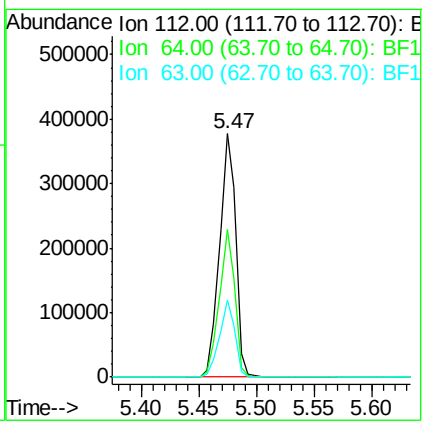


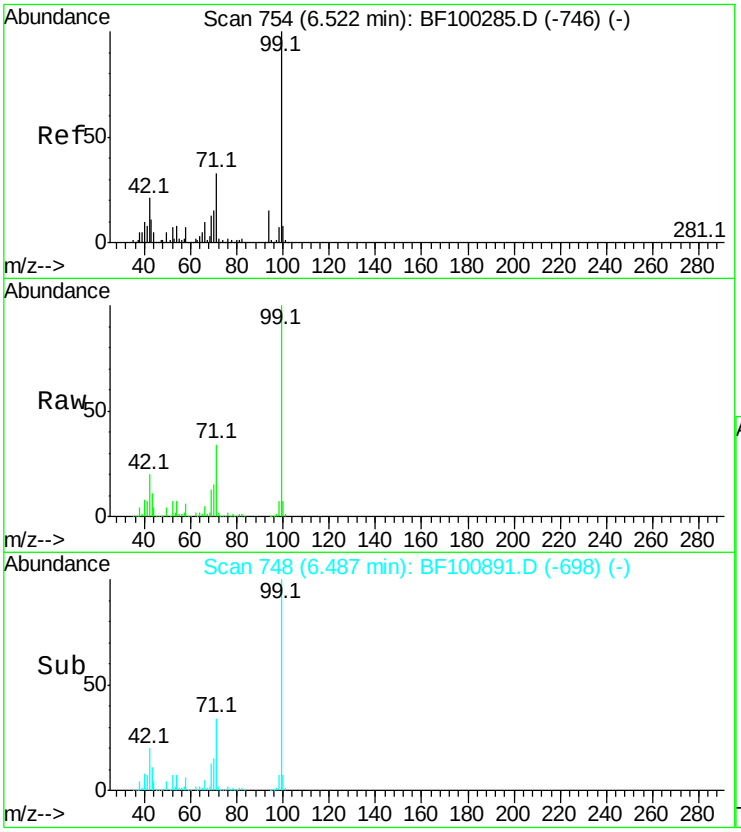


#5
2-Fluorophenol
Concen: 81.635 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF100891.D
Acq: 27 Nov 2017 14:52

Tgt Ion:112 Resp: 368928

Ion	Ratio	Lower	Upper
112	100		
64	60.7	47.9	71.9
63	31.6	23.7	35.5



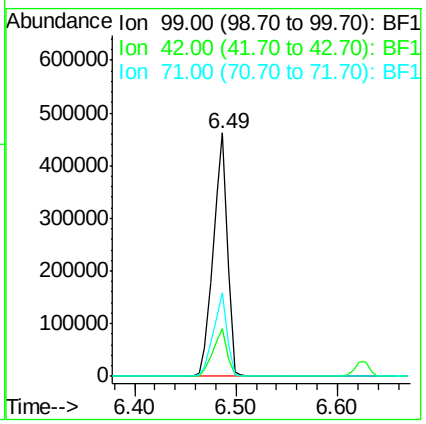


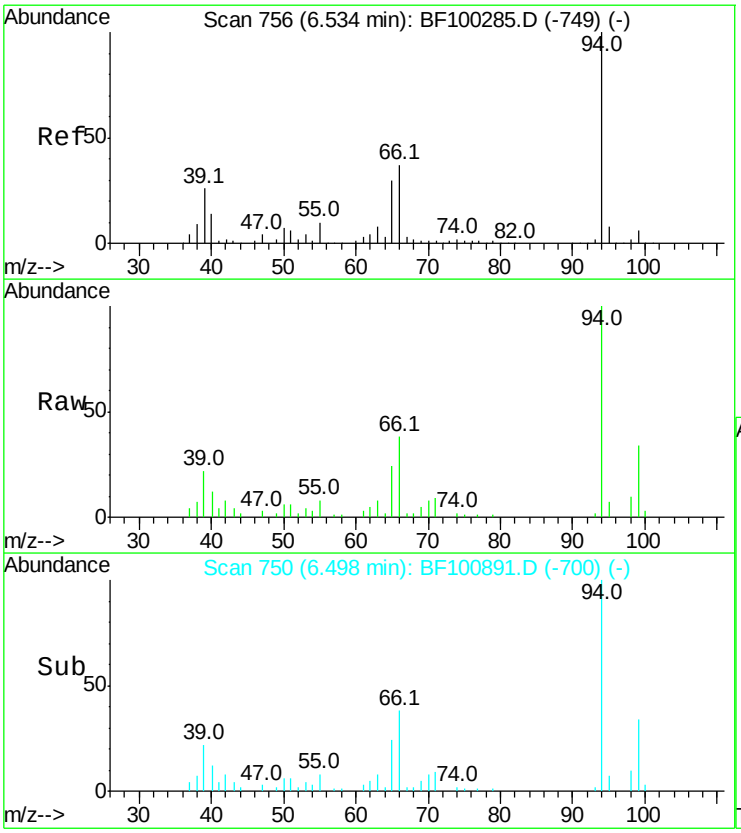
#7
Phenol-d6
Concen: 80.410 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF100891.D
Acq: 27 Nov 2017 14:52

Instrument :
BNA_F
ClientSampleId :
P003-S001-0001-02

Tgt Ion: 99 Resp: 448113

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	34.1	25.4	38.0

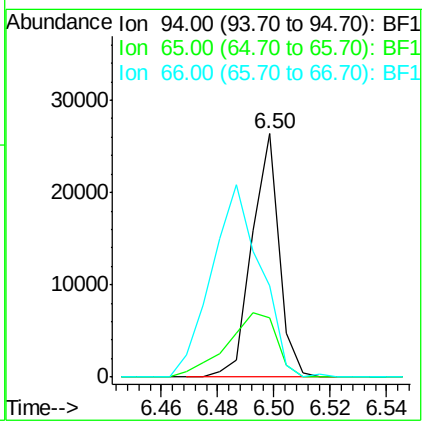


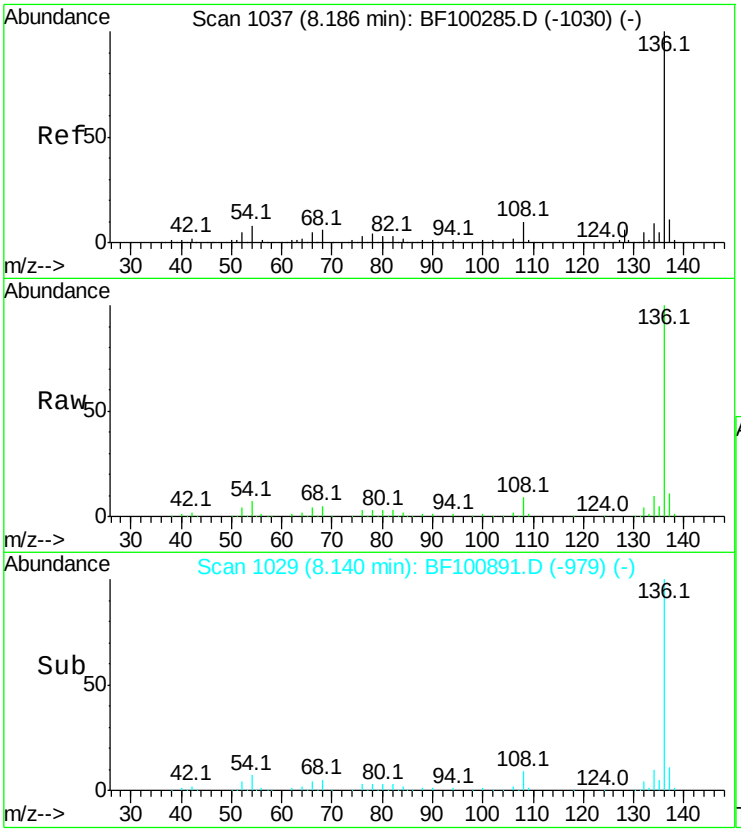


#10
Phenol
Concen: 3.004 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF100891.D
Acq: 27 Nov 2017 14:52

Tgt Ion: 94 Resp: 17577

Ion	Ratio	Lower	Upper
94	100		
65	24.2	7.9	47.9
66	37.5	16.2	56.2



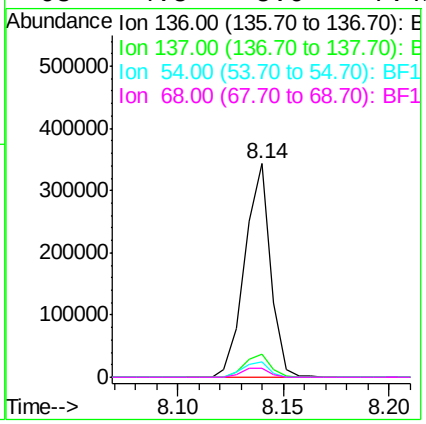


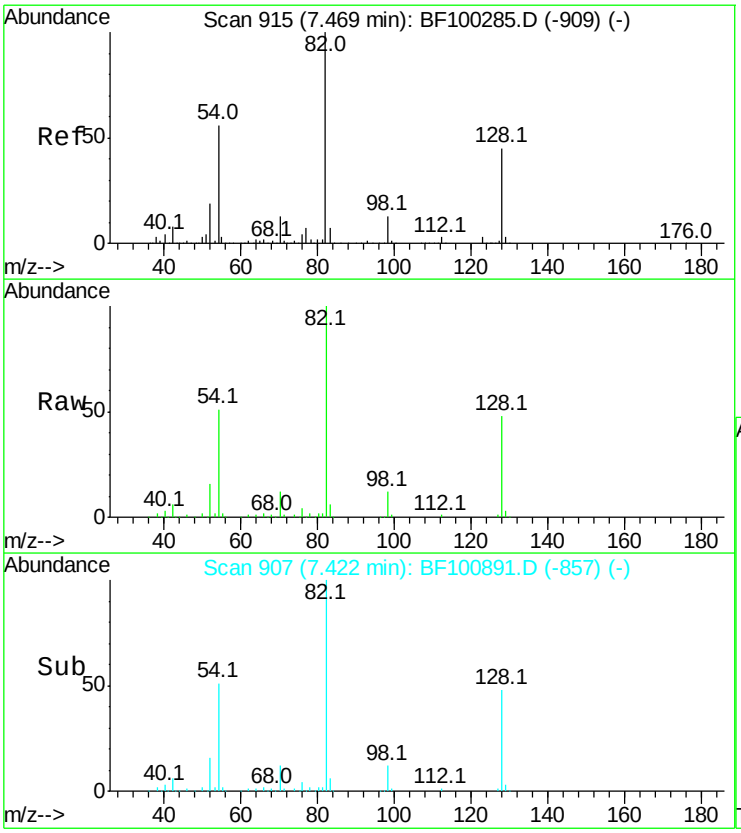
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF100891.D
Acq: 27 Nov 2017 14:52

Instrument :
BNA_F
ClientSampleId :
P003-S001-0001-02

Tgt Ion:136 Resp: 289914

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.3	6.6	9.8
68	4.5	5.0	7.4#

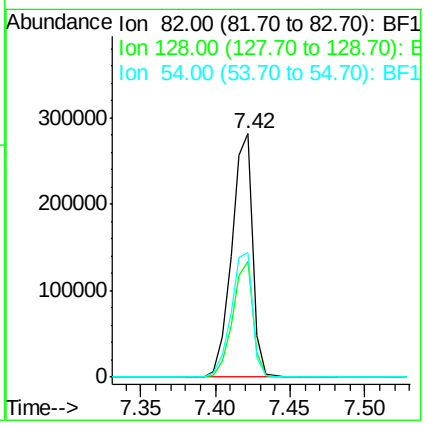


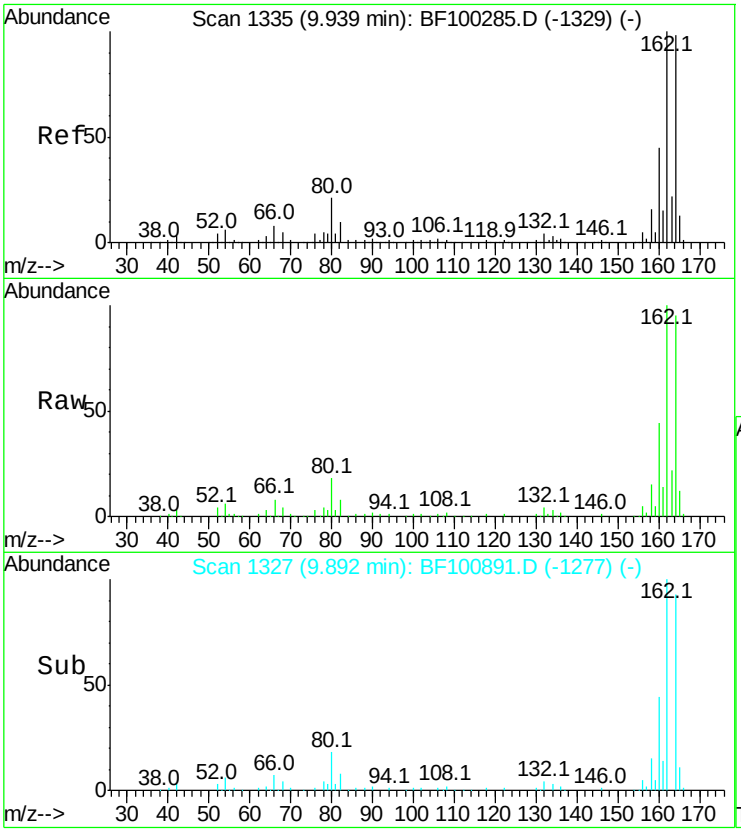


#23
Nitrobenzene-d5
Concen: 63.209 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100891.D
Acq: 27 Nov 2017 14:52

Tgt Ion: 82 Resp: 277178

Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.1	54.1
54	50.9	41.4	62.2



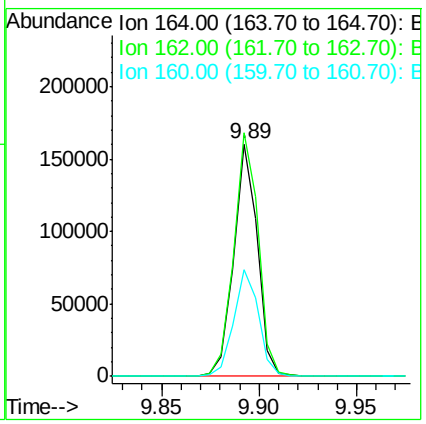


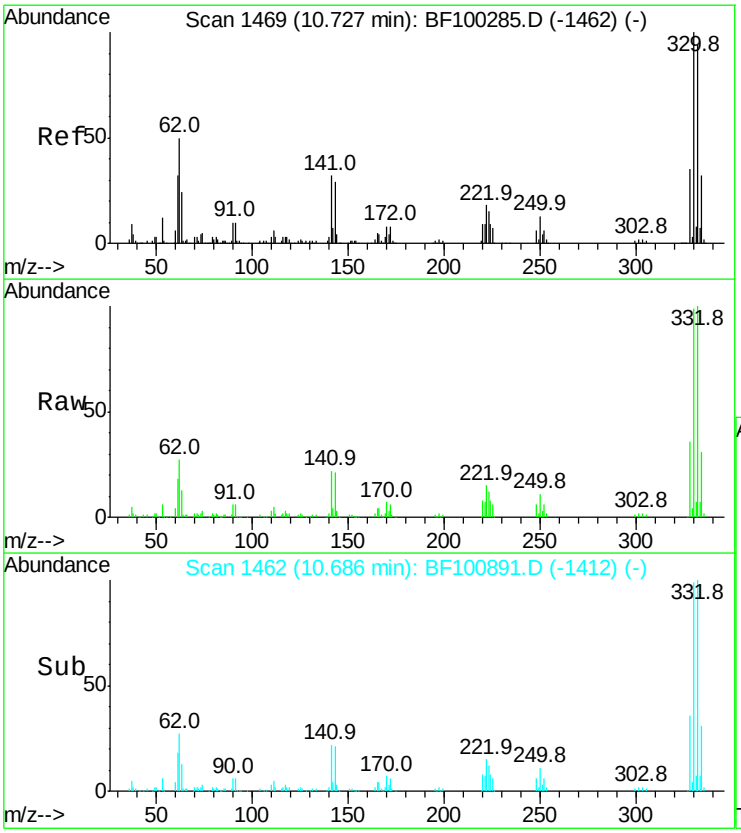
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100891.D
Acq: 27 Nov 2017 14:52

Instrument :
BNA_F
ClientSampleId :
P003-S001-0001-02

Tgt Ion:164 Resp: 134396

Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	45.7	38.3	57.5

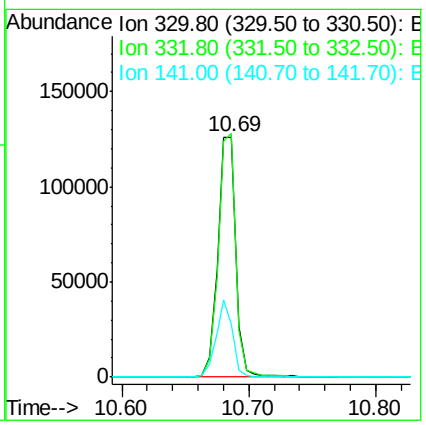


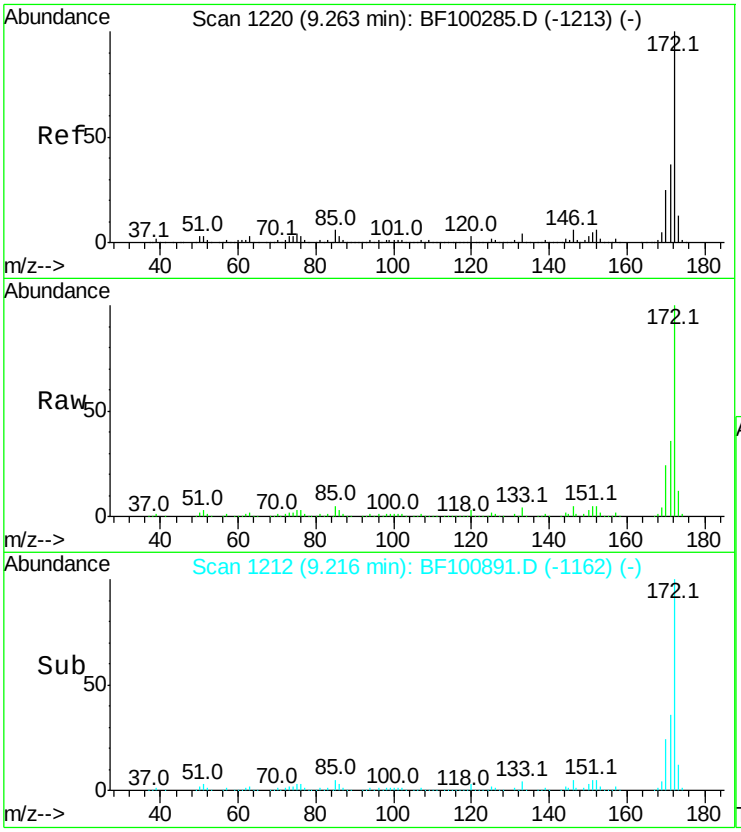


#41
2,4,6-Tribromophenol
Concen: 91.683 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF100891.D
Acq: 27 Nov 2017 14:52

Tgt Ion:330 Resp: 125560

Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.0	115.6
141	29.4	29.9	44.9#



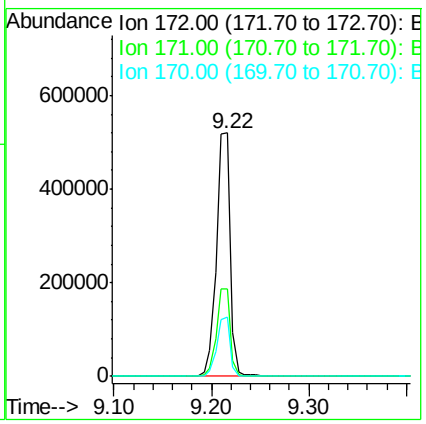


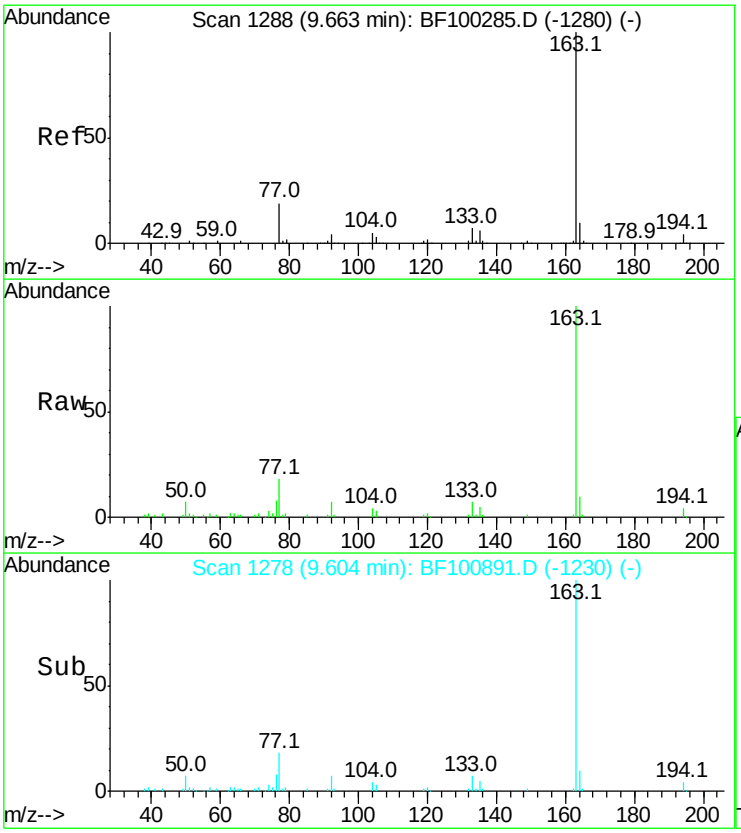
#44
2-Fluorobiphenyl
Concen: 57.862 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF100891.D
Acq: 27 Nov 2017 14:52

Instrument : BNA_F
ClientSampleId : P003-S001-0001-02

Tgt Ion:172 Resp: 510698

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.3	19.6	29.4

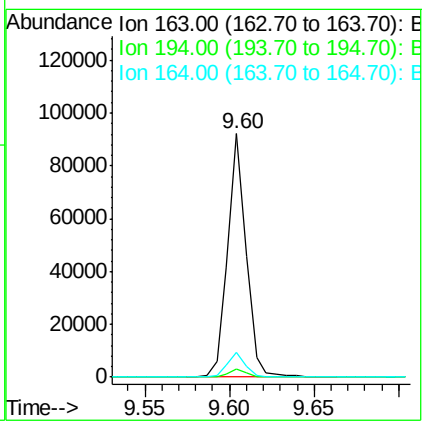


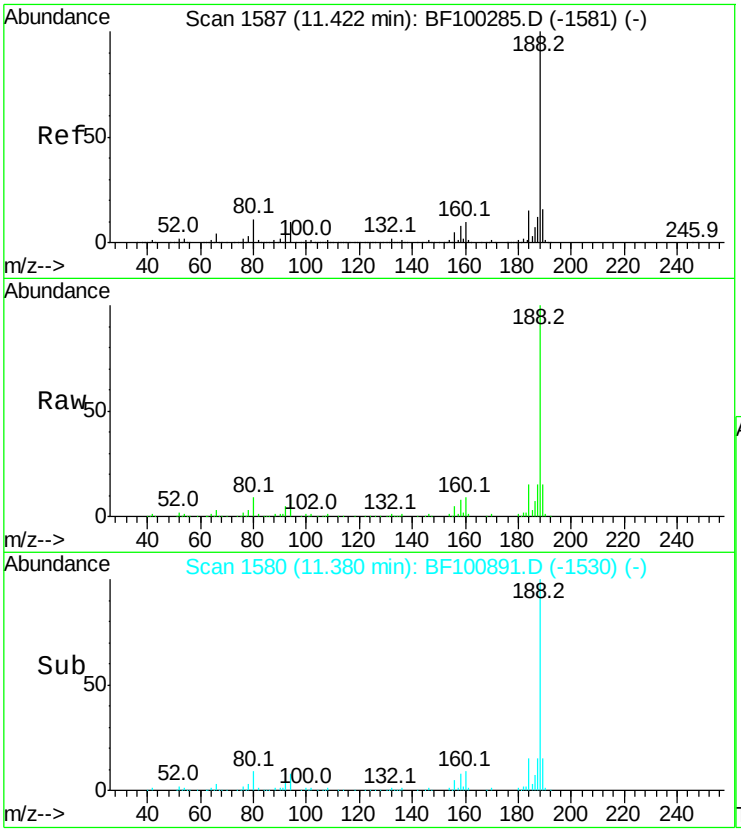


#49
Dimethylphthalate
Concen: 6.811 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF100891.D
Acq: 27 Nov 2017 14:52

Tgt Ion:163 Resp: 69888

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.2	8.2	12.2



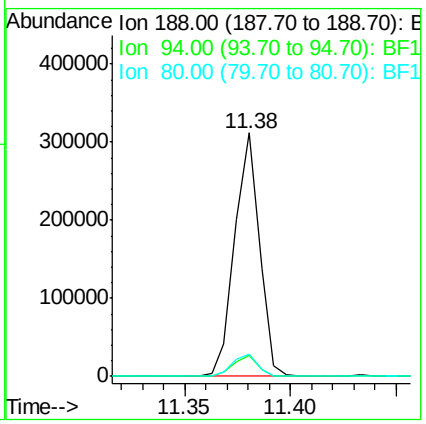


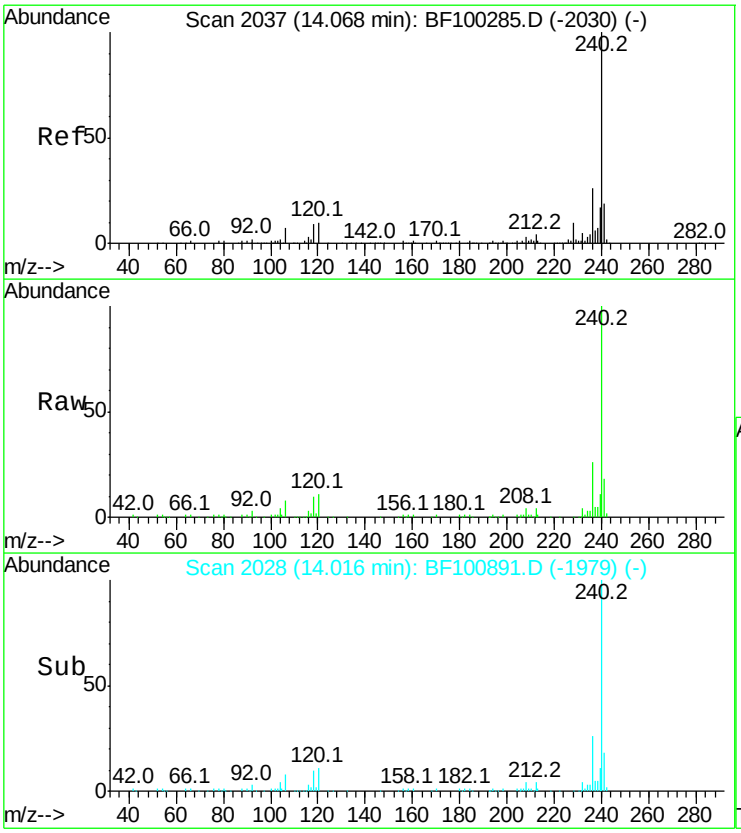
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF100891.D
Acq: 27 Nov 2017 14:52

Instrument :
BNA_F
ClientSampleId :
P003-S001-0001-02

Tgt Ion:188 Resp: 252859

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7#
80	9.0	9.2	13.8#

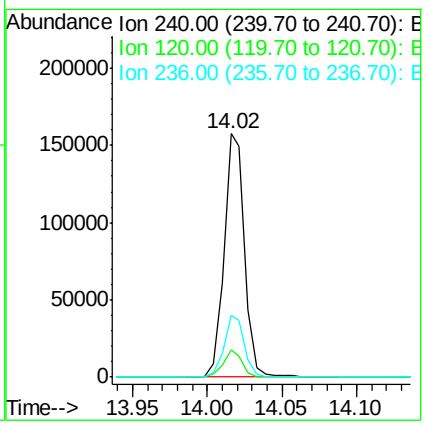


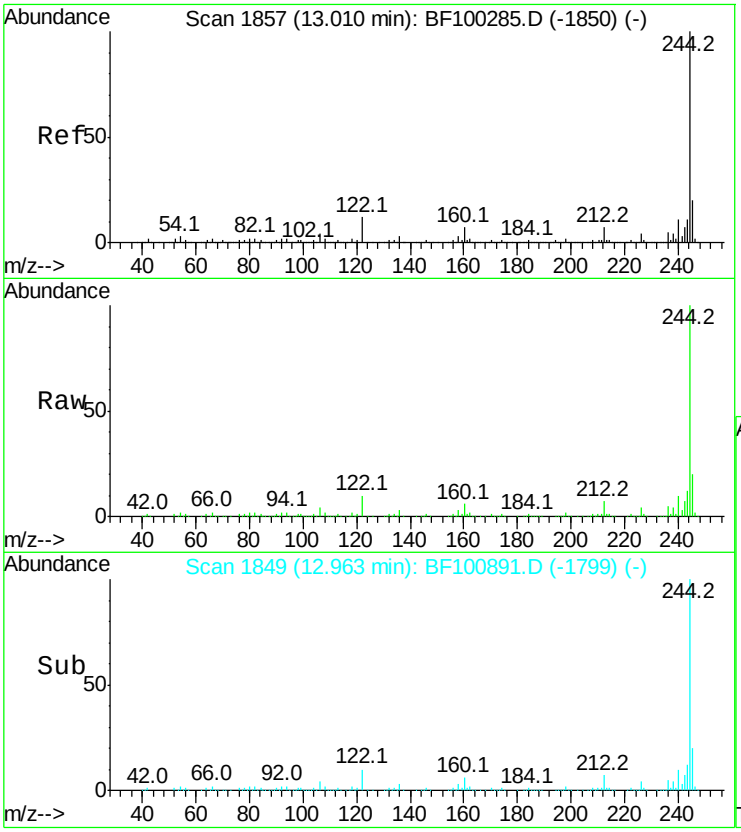


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF100891.D
Acq: 27 Nov 2017 14:52

Tgt Ion:240 Resp: 152337

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.5	14.3
236	25.5	20.7	31.1



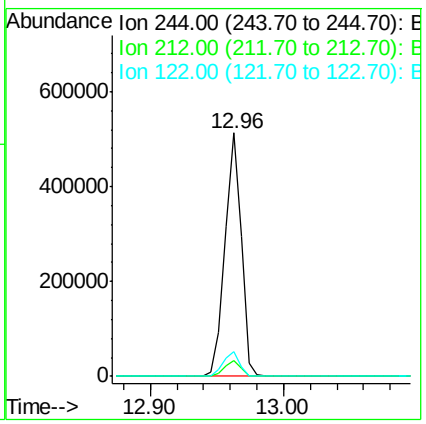


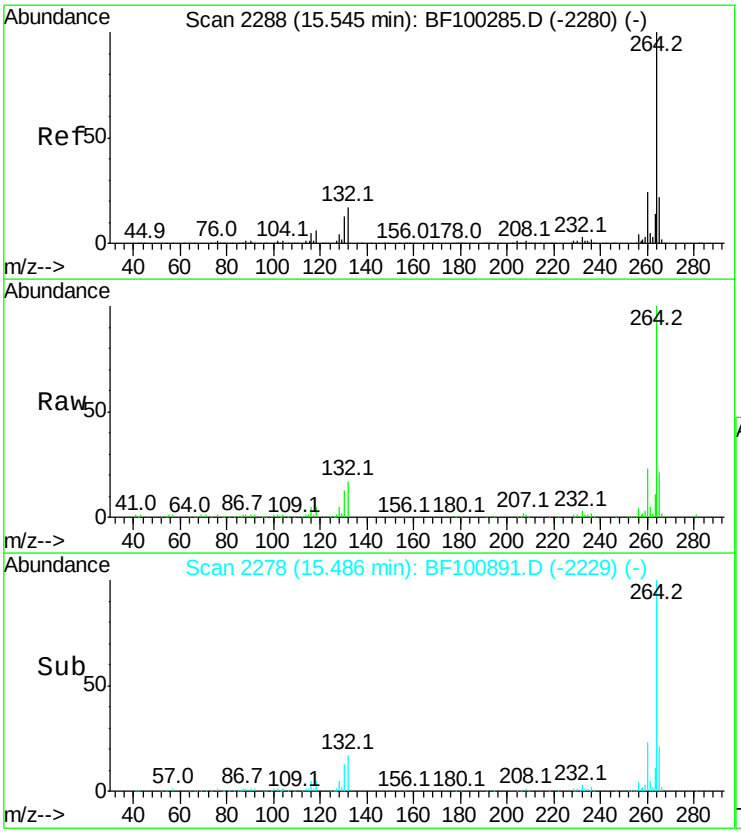
#78
Terphenyl-d14
Concen: 67.257 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF100891.D
Acq: 27 Nov 2017 14:52

Instrument :
BNA_F
ClientSampleId :
P003-S001-0001-02

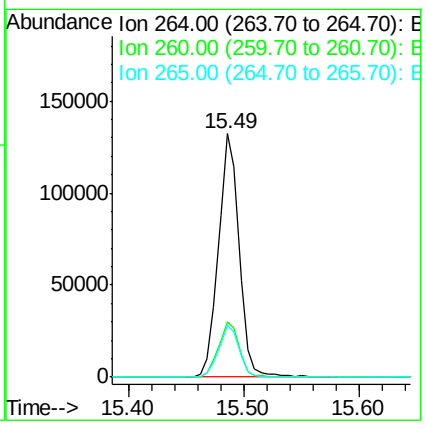
Tgt Ion:244 Resp: 445909

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	10.4	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF100891.D
Acq: 27 Nov 2017 14:52

Tgt Ion:264 Resp: 164148

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.1	17.5	26.3