Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103135.D
Acq On : 21 Feb 2018 14:44
Operator : SJ/JU
Sample : J1622-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MAD-SUB-TRENCH

Quant Time: Feb 21 15:34:56 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 14:34:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	169540	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	703368	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	276583	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	418272	20.00	ng	0.00
75) Chrysene-d12	14.05	240	342128	20.00	ng	0.00
86) Perylene-d12	15.54	264	298233	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1287883	115.36	ng	0.02
7) Phenol-d6	6.52	99	1520046	113.08	ng	0.00
23) Nitrobenzene-d5	7.45	82	968766	95.55	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	252718	113.52	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1381093	82.86	ng	0.00
78) Terphenyl-d14	12.99	244	958575	66.34	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.63	163	68150	3.160	ng	98

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

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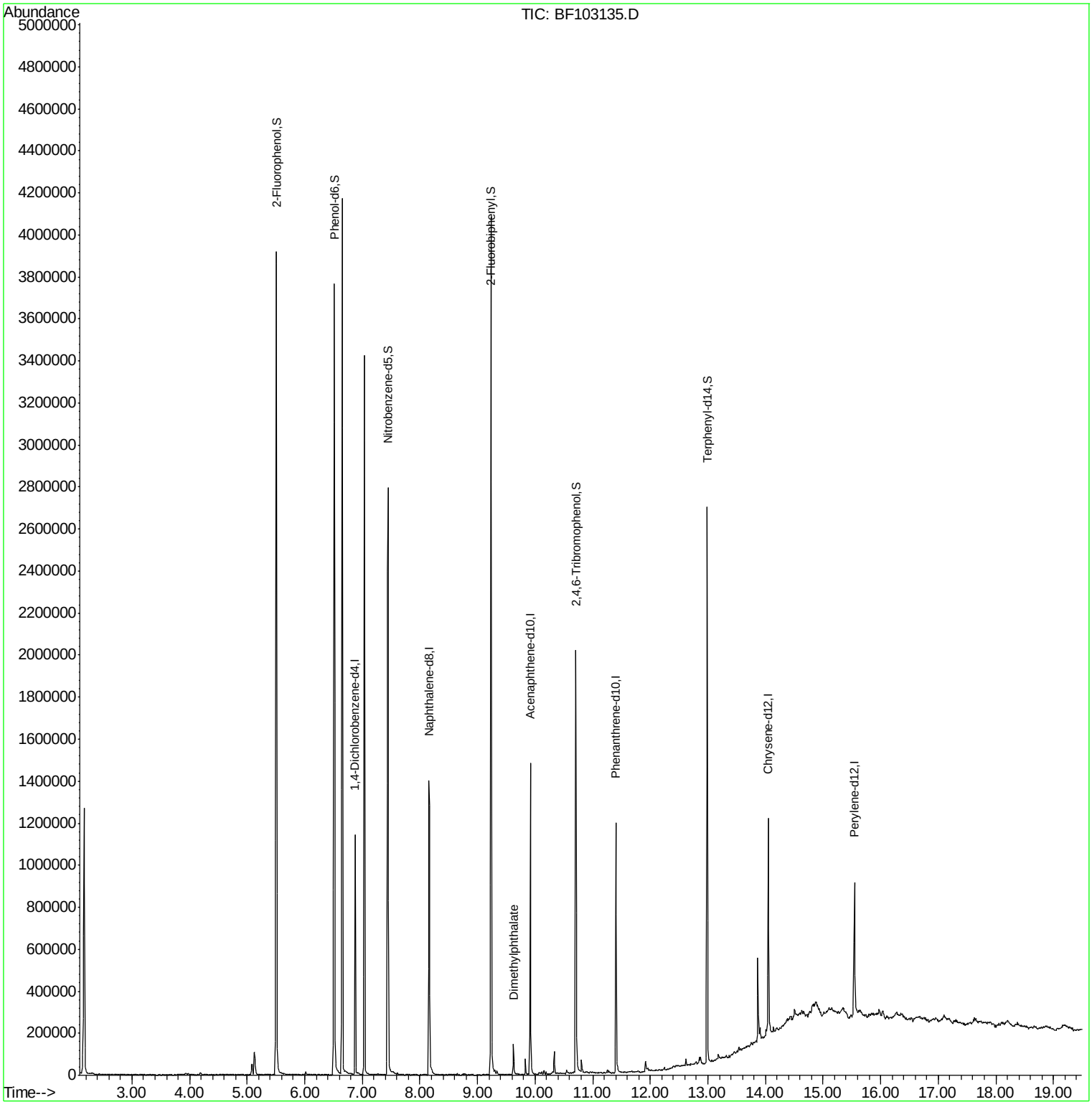
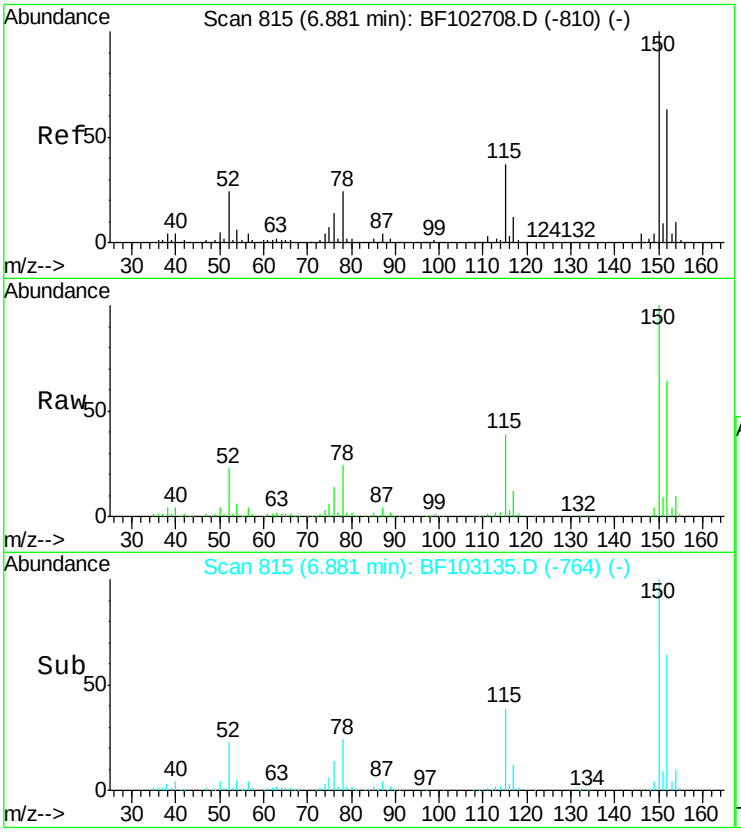


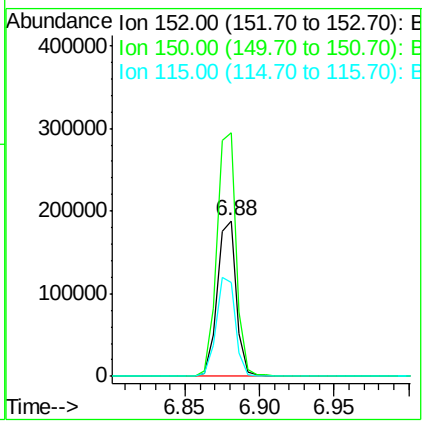


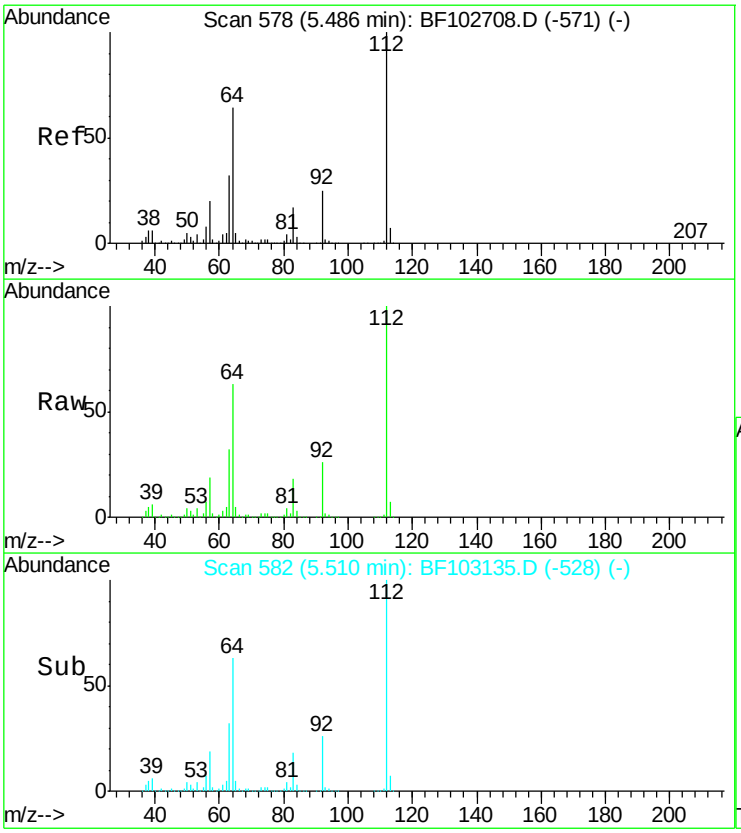
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF103135.D
Acq: 21 Feb 2018 14:44

Instrument :
BNA_F
ClientSampleId :
MAD-SUB-TRENCH

Tgt Ion:152 Resp: 169540

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	60.2	50.1	75.1

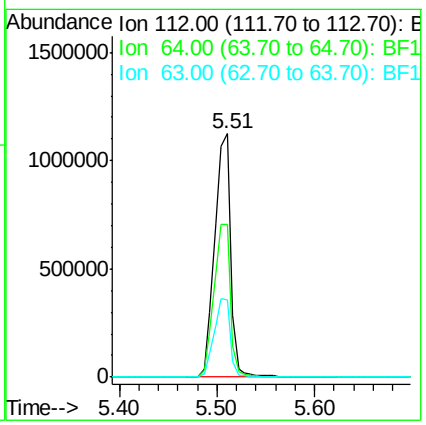


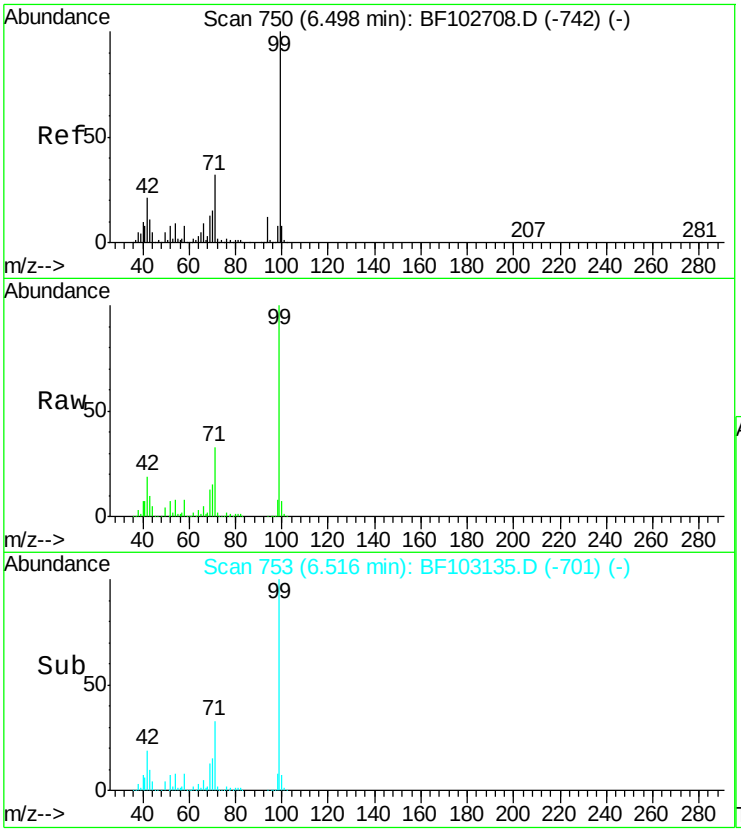


#5
2-Fluorophenol
Concen: 115.363 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF103135.D
Acq: 21 Feb 2018 14:44

Tgt Ion:112 Resp: 1287883

Ion	Ratio	Lower	Upper
112	100		
64	62.5	47.9	71.9
63	32.0	23.7	35.5



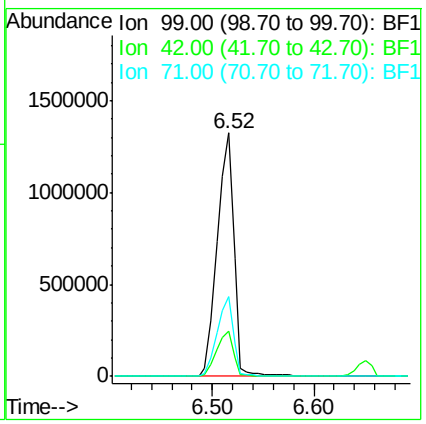


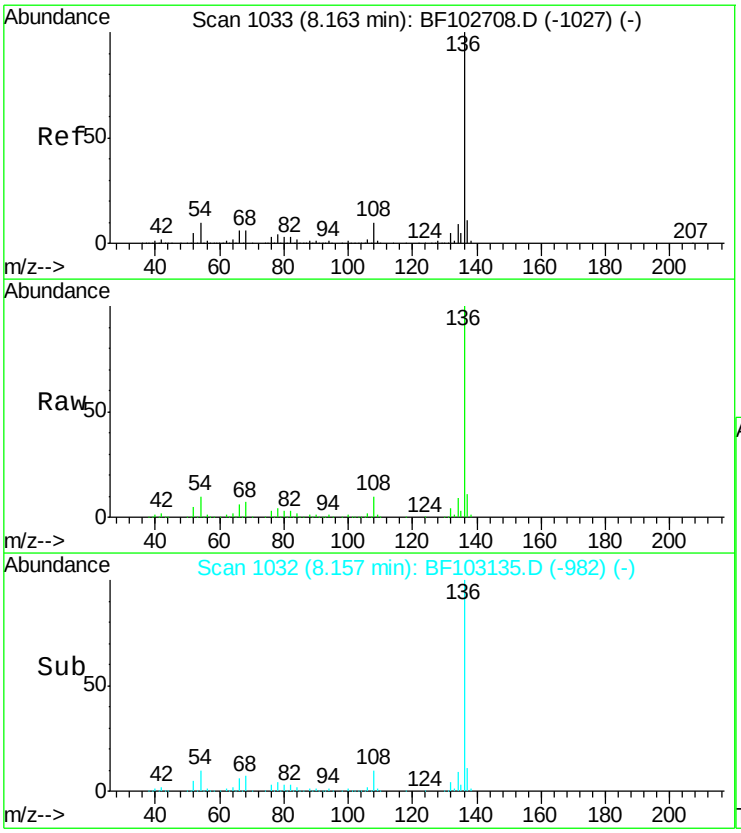
#7
Phenol-d6
Concen: 113.083 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF103135.D
Acq: 21 Feb 2018 14:44

Instrument :
BNA_F
ClientSampleId :
MAD-SUB-TRENCH

Tgt Ion: 99 Resp: 1520046

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.5	21.7
71	32.8	25.4	38.0

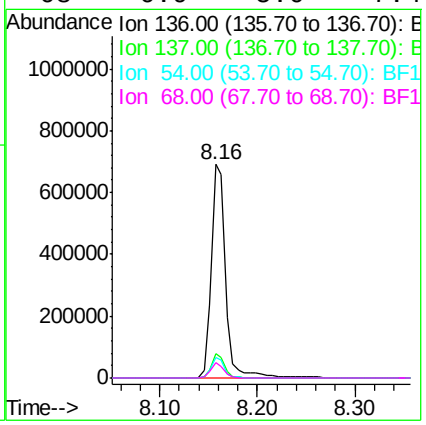


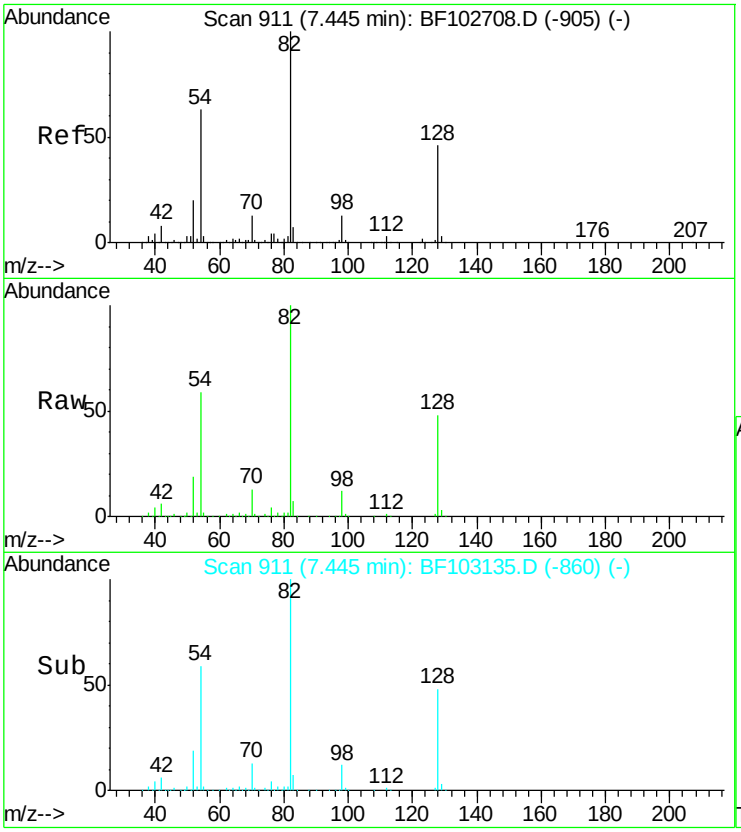


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103135.D
Acq: 21 Feb 2018 14:44

Tgt Ion:136 Resp: 703368

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.9	6.6	9.8#
68	6.9	5.0	7.4



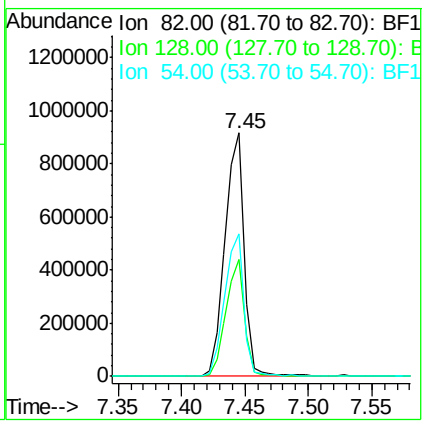


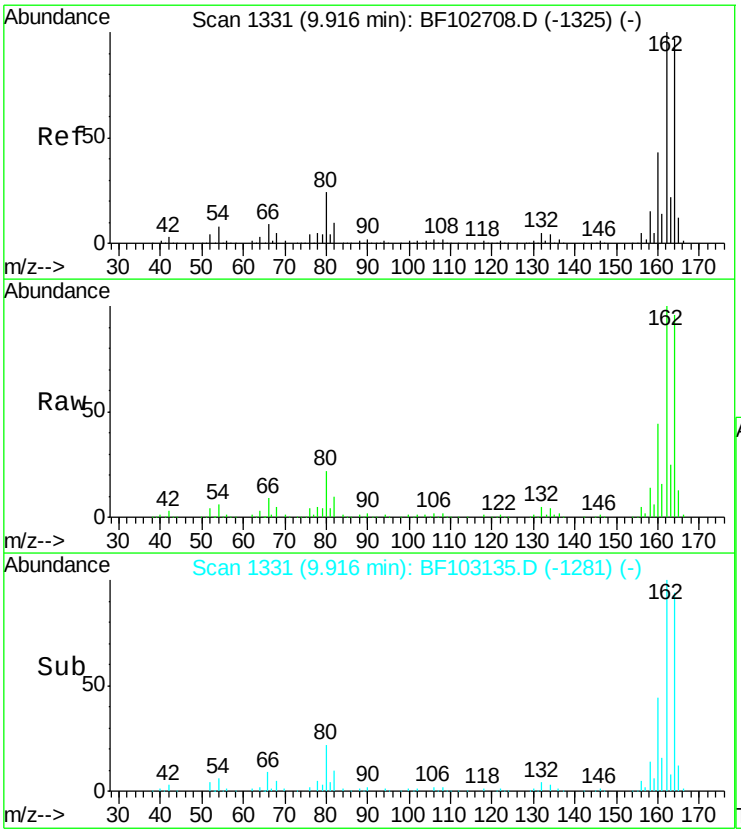
#23
Nitrobenzene-d5
Concen: 95.546 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF103135.D
Acq: 21 Feb 2018 14:44

Instrument :
BNA_F
ClientSampleId :
MAD-SUB-TRENCH

Tgt Ion: 82 Resp: 968766

Ion	Ratio	Lower	Upper
82	100		
128	48.2	36.1	54.1
54	58.8	41.4	62.2

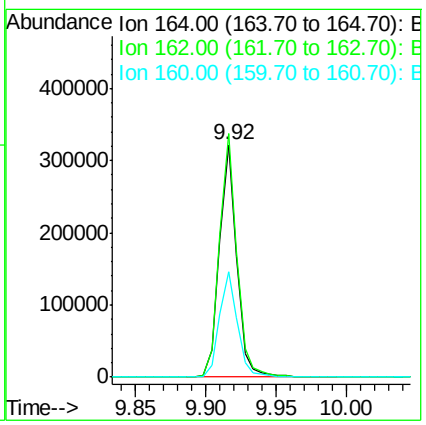


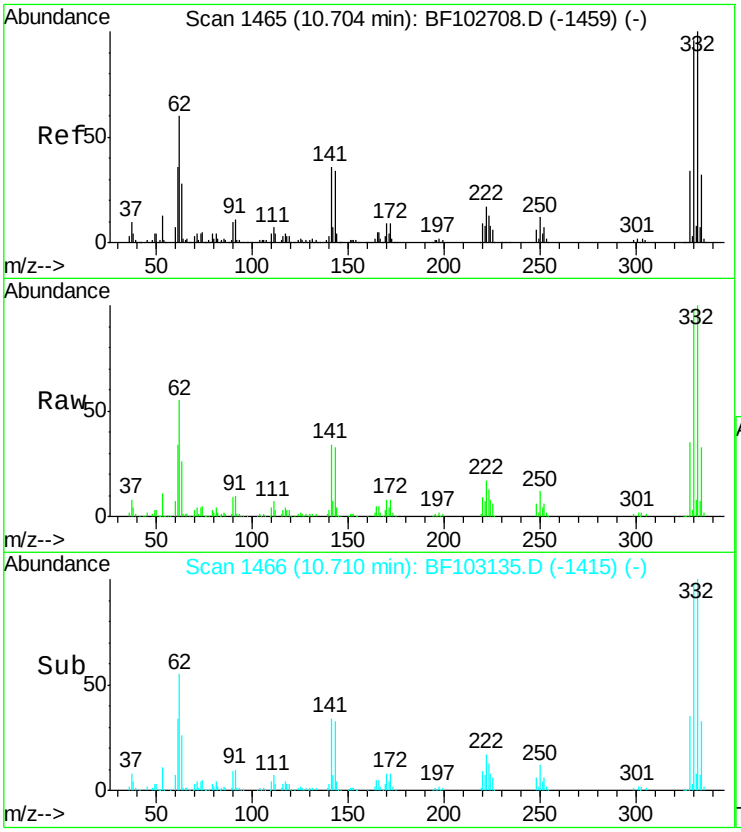


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103135.D
Acq: 21 Feb 2018 14:44

Tgt Ion:164 Resp: 276583

Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	45.6	38.3	57.5



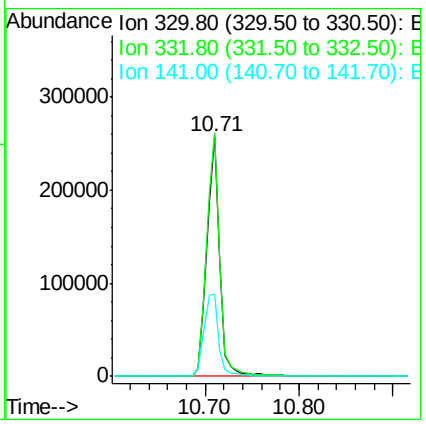


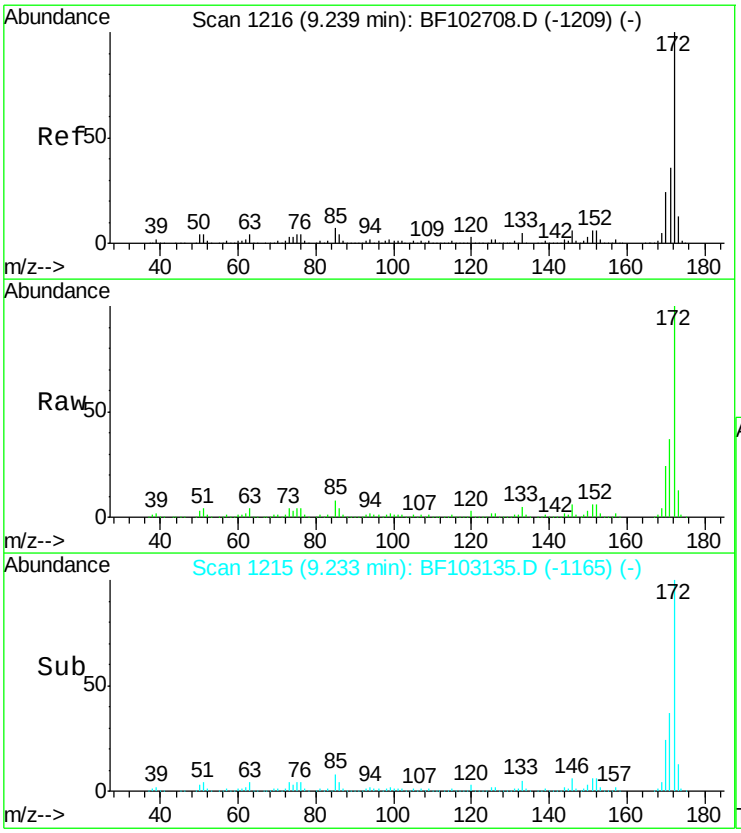
#41
2,4,6-Tribromophenol
Concen: 113.521 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF103135.D
Acq: 21 Feb 2018 14:44

Instrument :
BNA_F
ClientSampleId :
MAD-SUB-TRENCH

Tgt Ion:330 Resp: 252718

Ion	Ratio	Lower	Upper
330	100		
332	102.5	77.0	115.6
141	39.3	29.9	44.9

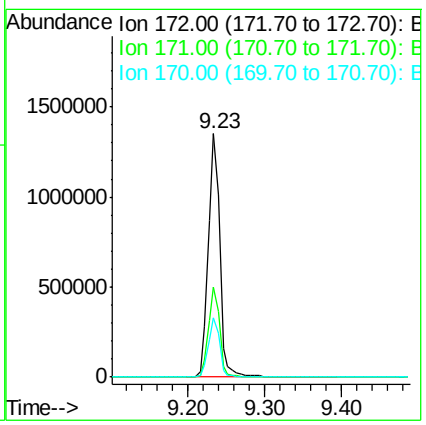


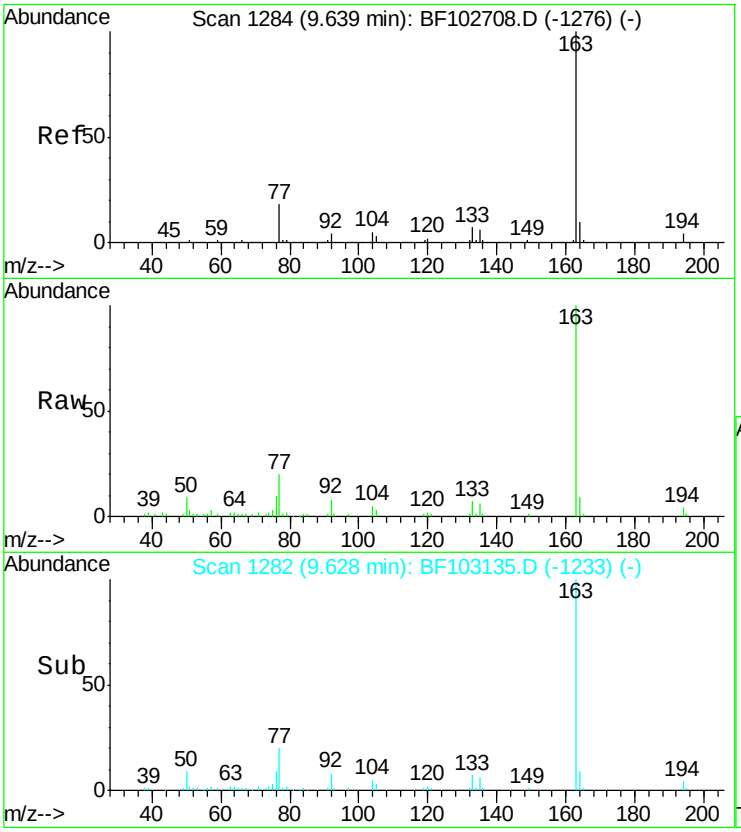


#44
2-Fluorobiphenyl
Concen: 82.858 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103135.D
Acq: 21 Feb 2018 14:44

Tgt Ion:172 Resp: 1381093

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.5	19.6	29.4



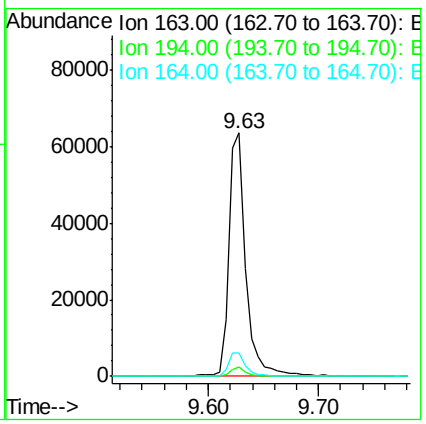


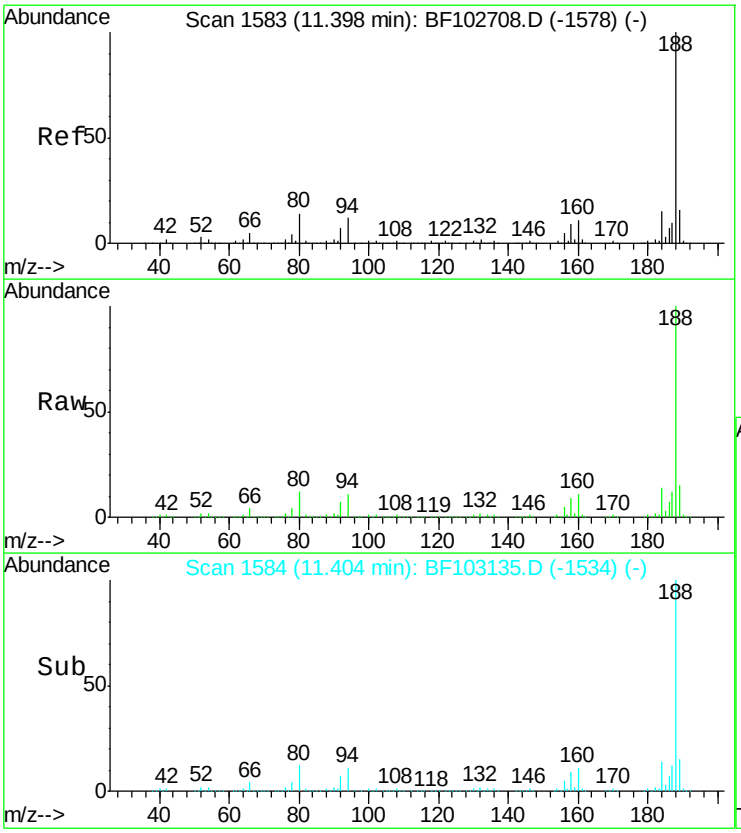
#49
Dimethylphthalate
Concen: 3.160 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103135.D
Acq: 21 Feb 2018 14:44

Instrument :
BNA_F
ClientSampleId :
MAD-SUB-TRENCH

Tgt Ion:163 Resp: 68150

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.5	8.2	12.2

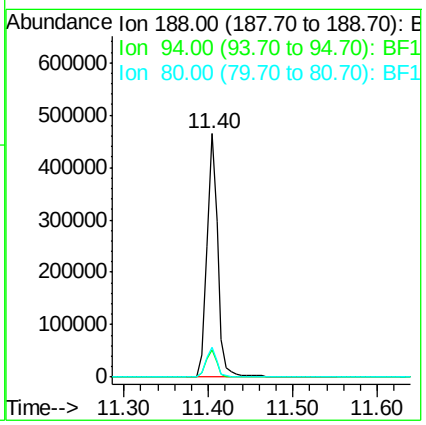


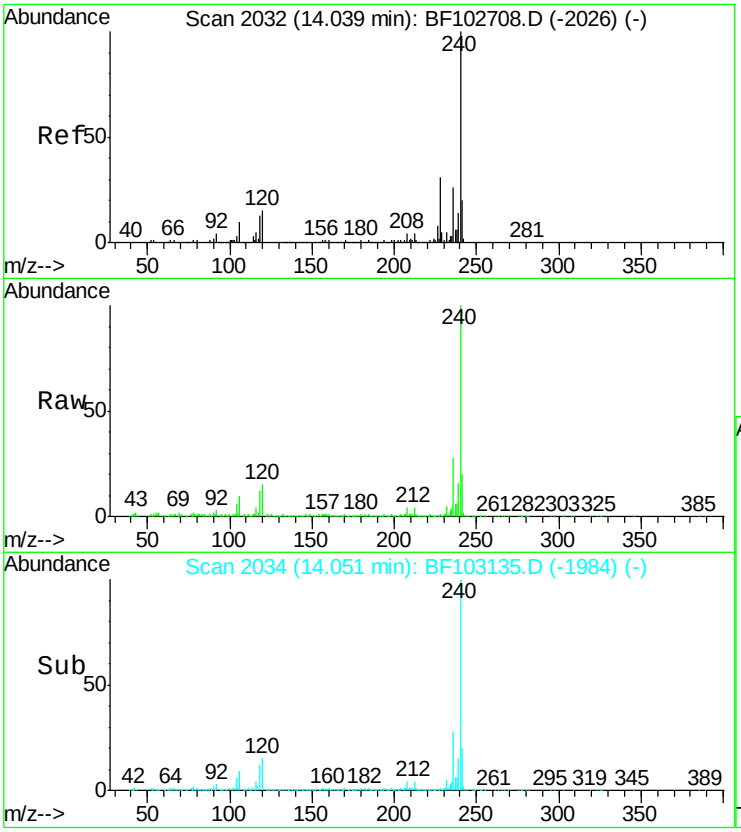


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103135.D
Acq: 21 Feb 2018 14:44

Tgt Ion:188 Resp: 418272

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	12.3	9.2	13.8



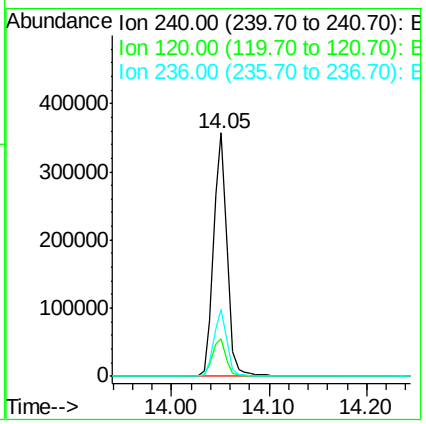


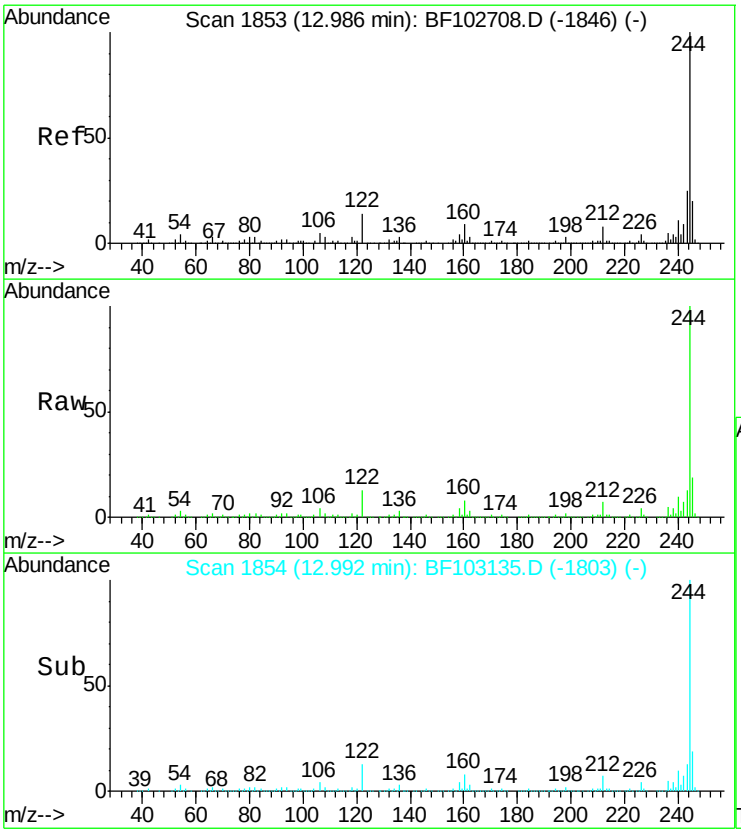
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103135.D
Acq: 21 Feb 2018 14:44

Instrument :
BNA_F
ClientSampleId :
MAD-SUB-TRENCH

Tgt Ion:240 Resp: 342128

Ion	Ratio	Lower	Upper
240	100		
120	15.3	9.5	14.3#
236	27.7	20.7	31.1

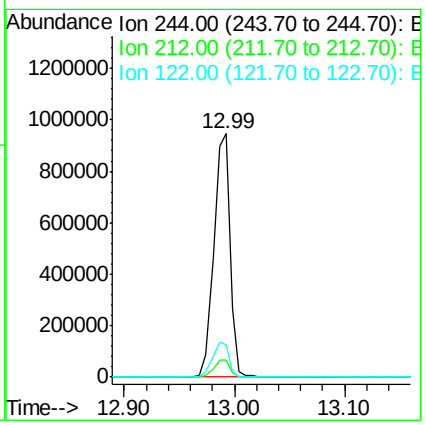


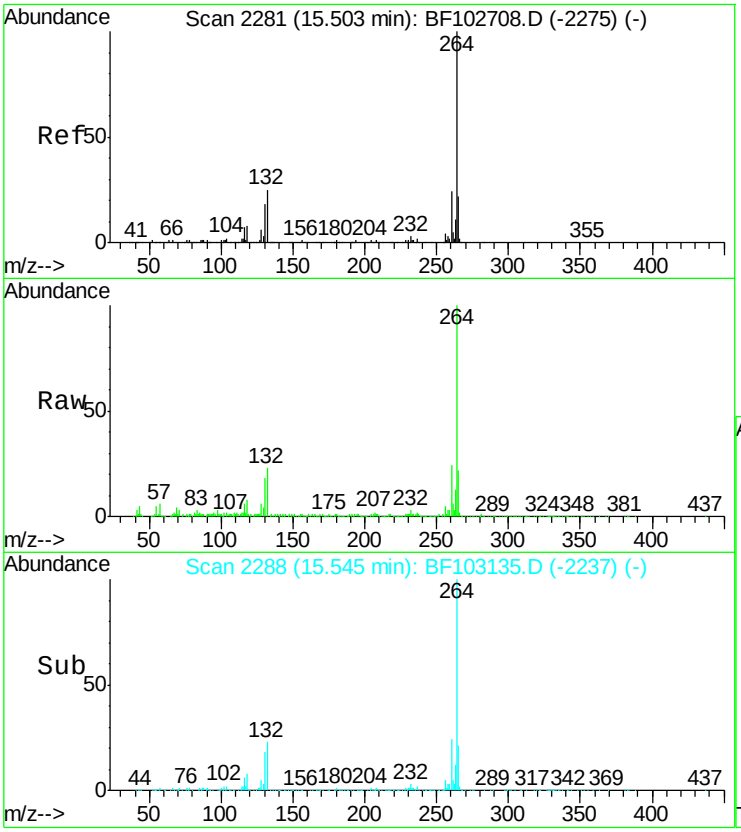


#78
Terphenyl-d14
Concen: 66.340 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.00 min
Lab File: BF103135.D
Acq: 21 Feb 2018 14:44

Tgt Ion:244 Resp: 958575

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.4	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF103135.D
Acq: 21 Feb 2018 14:44

Instrument :
BNA_F
ClientSampleId :
MAD-SUB-TRENCH

Tgt Ion:264 Resp: 298233

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.5	17.5	26.3