Quantitation Report (QT/LSC Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011818\
Data File : BF102207.D
Acq On : 18 Jan 2018 22:20
Operator : SJ/JU
Sample : J1181-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HAVERSTRAW-SE

Quant Time: Jan 19 02:33:22 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	137033	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	521348	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	194371	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	283235	20.00	ng	0.00
75) Chrysene-d12	13.87	240	271920	20.00	ng	0.00
86) Perylene-d12	15.29	264	244322	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	836376	86.19	ng	0.01
7) Phenol-d6	6.36	99	1016357	87.78	ng	0.00
23) Nitrobenzene-d5	7.29	82	606533	68.37	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	147577	87.00	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1027248	82.57	ng	0.00
78) Terphenyl-d14	12.82	244	769347	58.74	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.47	163	70681	4.533	ng	98

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

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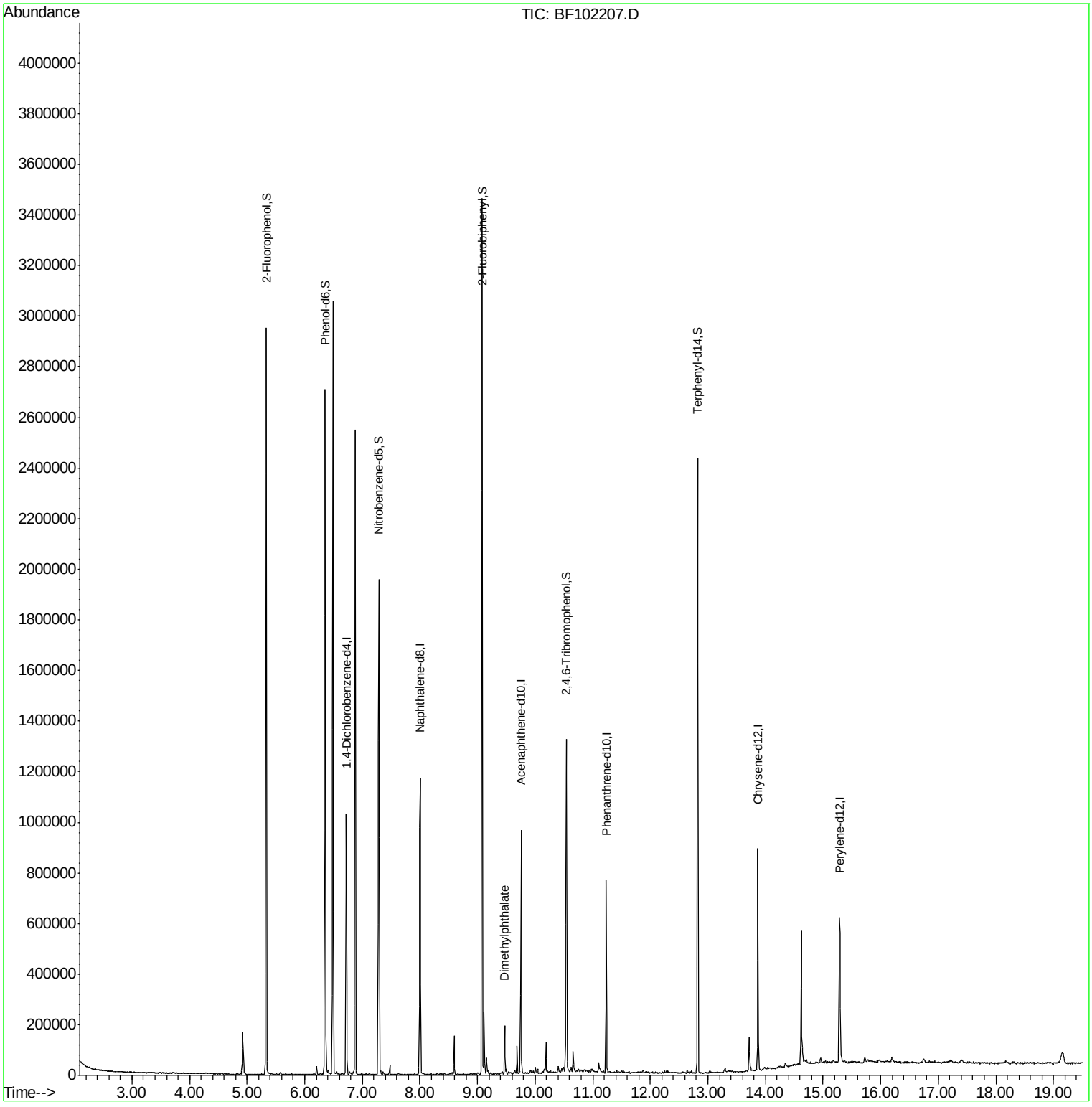
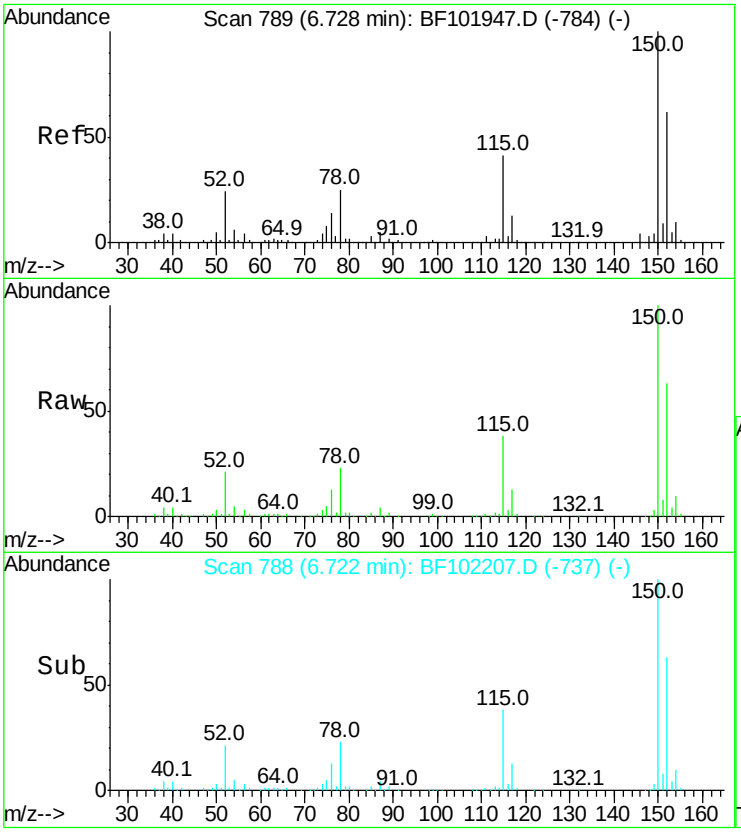


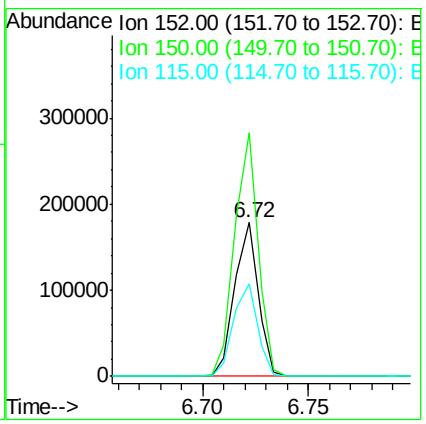


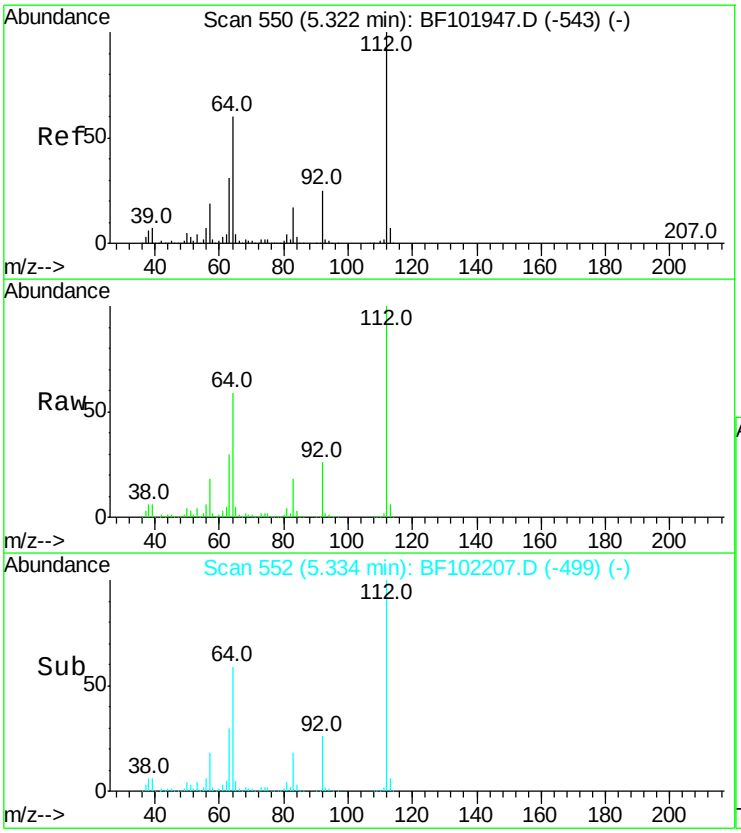
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102207.D
Acq: 18 Jan 2018 22:20

Instrument :
BNA_F
ClientSampleId :
HAVERSTRAW-SE

Tgt Ion:152 Resp: 137033

Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	60.0	50.1	75.1

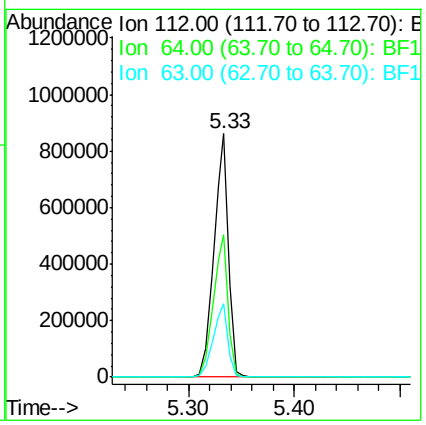


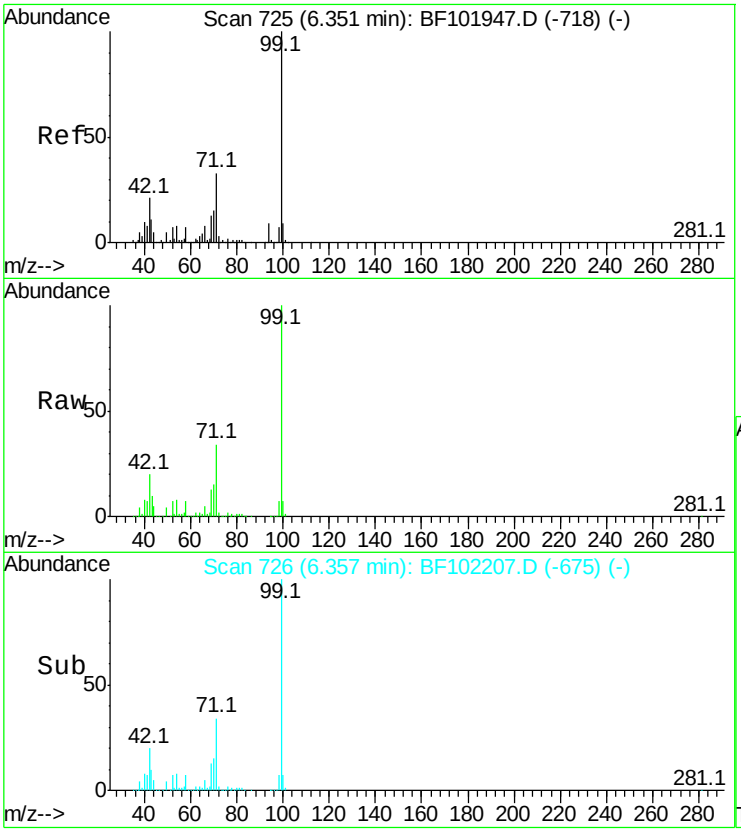


#5
2-Fluorophenol
Concen: 86.186 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102207.D
Acq: 18 Jan 2018 22:20

Tgt Ion:112 Resp: 836376

Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.9	71.9
63	30.3	23.7	35.5



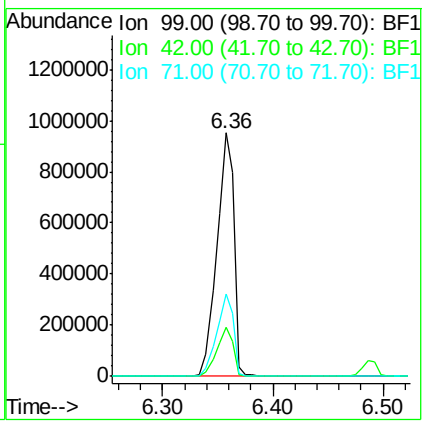


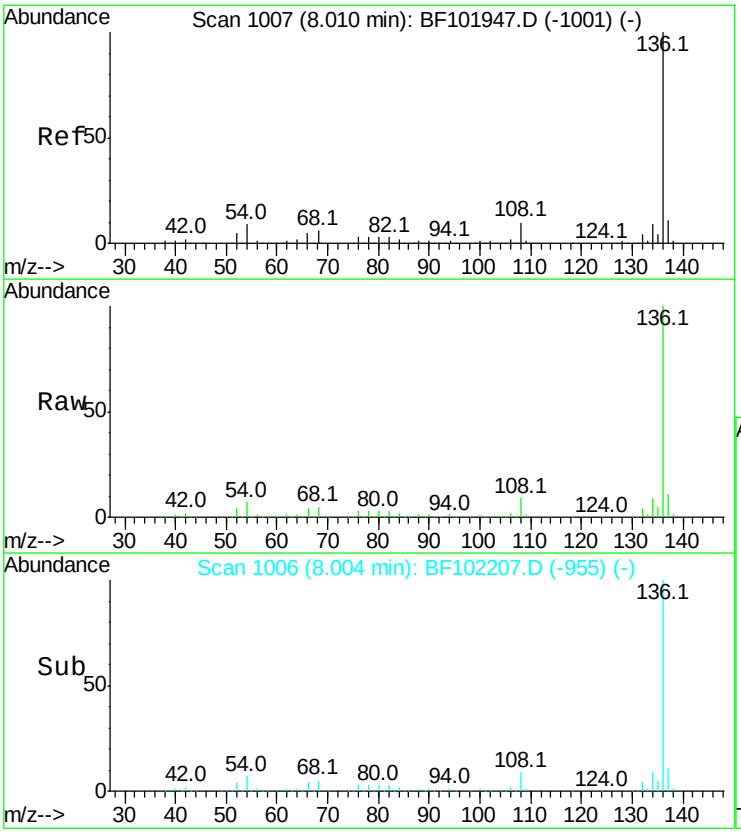
#7
Phenol-d6
Concen: 87.781 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF102207.D
Acq: 18 Jan 2018 22:20

Instrument :
BNA_F
ClientSampleId :
HAVERSTRAW-SE

Tgt Ion: 99 Resp: 1016357

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.5	21.7
71	34.1	25.4	38.0

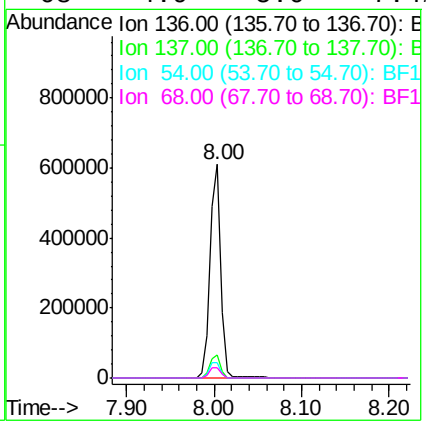


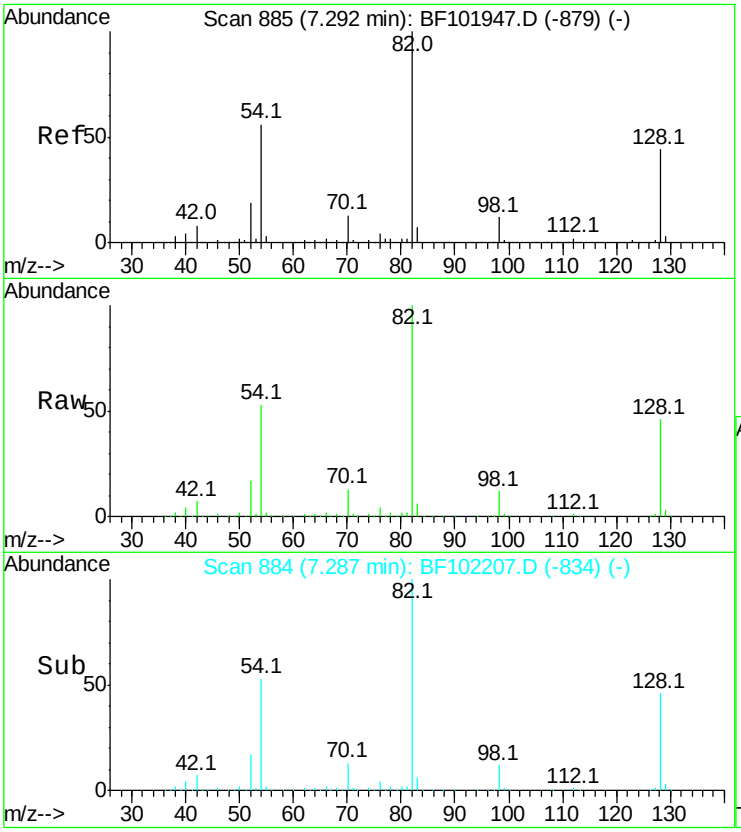


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF102207.D
Acq: 18 Jan 2018 22:20

Tgt Ion:136 Resp: 521348

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.3	6.6	9.8
68	4.9	5.0	7.4#



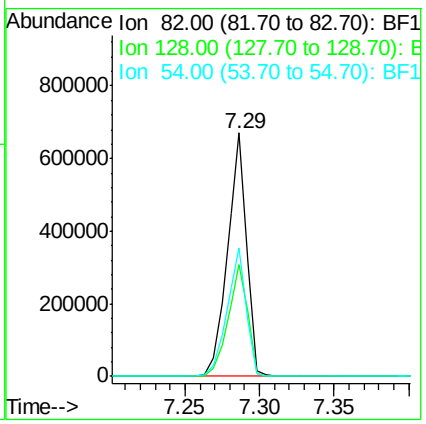


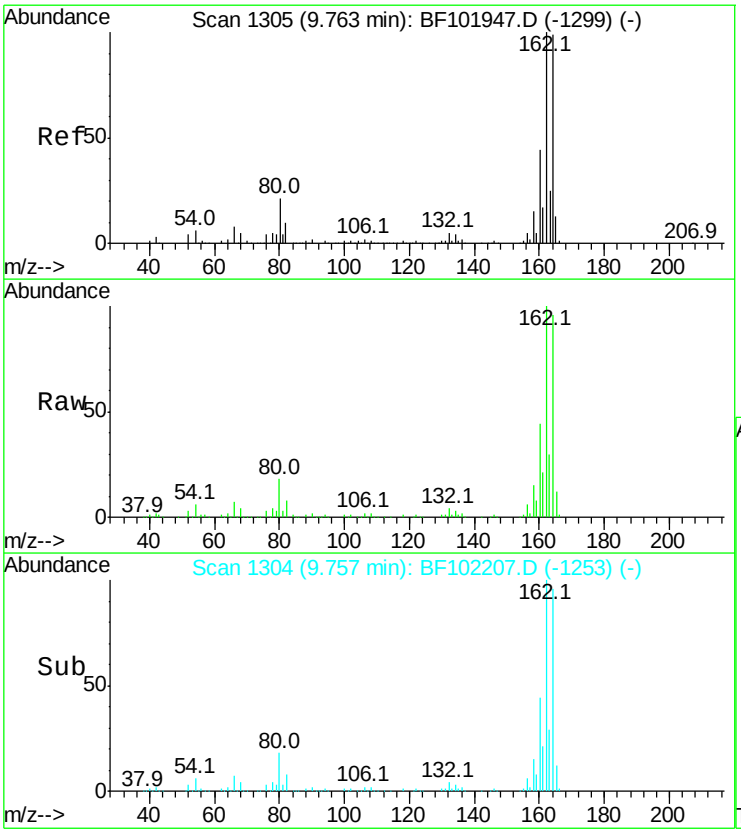
#23
Nitrobenzene-d5
Concen: 68.366 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102207.D
Acq: 18 Jan 2018 22:20

Instrument :
BNA_F
ClientSampleId :
HAVERSTRAW-SE

Tgt Ion: 82 Resp: 606533

Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	52.7	41.4	62.2

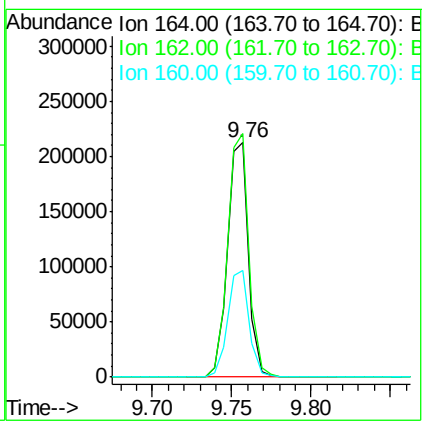


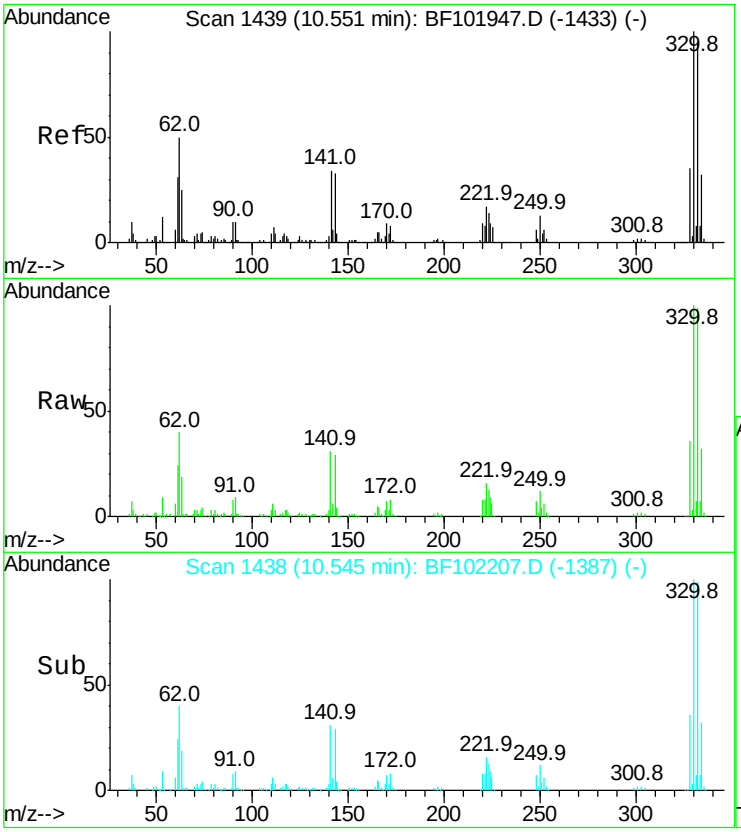


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF102207.D
Acq: 18 Jan 2018 22:20

Tgt Ion:164 Resp: 194371

Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	45.6	38.3	57.5



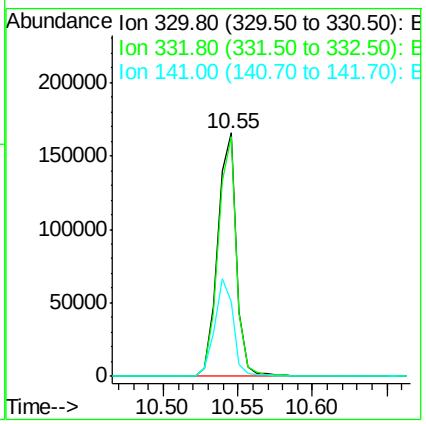


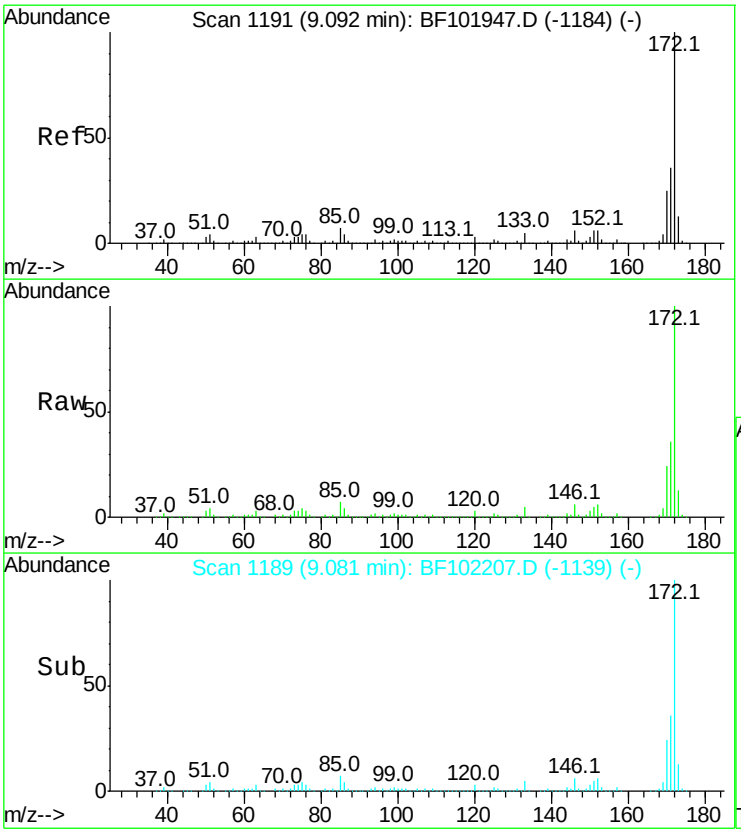
#41
2,4,6-Tribromophenol
Concen: 87.002 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF102207.D
Acq: 18 Jan 2018 22:20

Instrument :
BNA_F
ClientSampleId :
HAVERSTRAW-SE

Tgt Ion:330 Resp: 147577

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	39.8	29.9	44.9

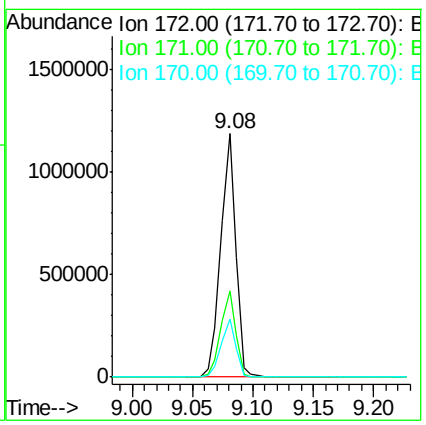


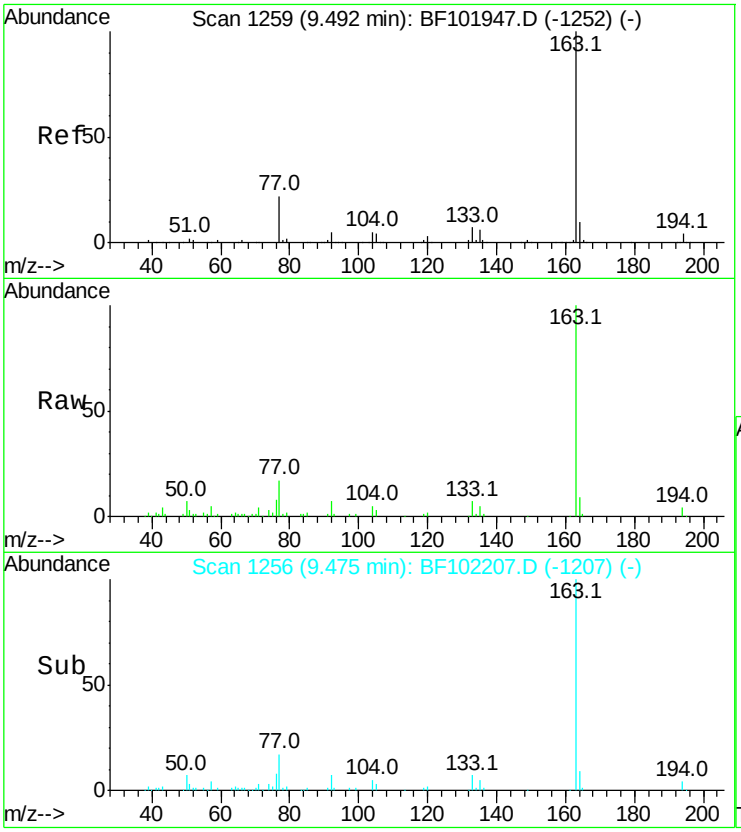


#44
2-Fluorobiphenyl
Concen: 82.566 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102207.D
Acq: 18 Jan 2018 22:20

Tgt Ion:172 Resp: 1027248

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.0	19.6	29.4



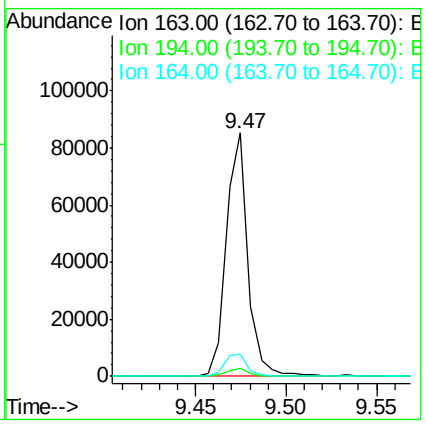


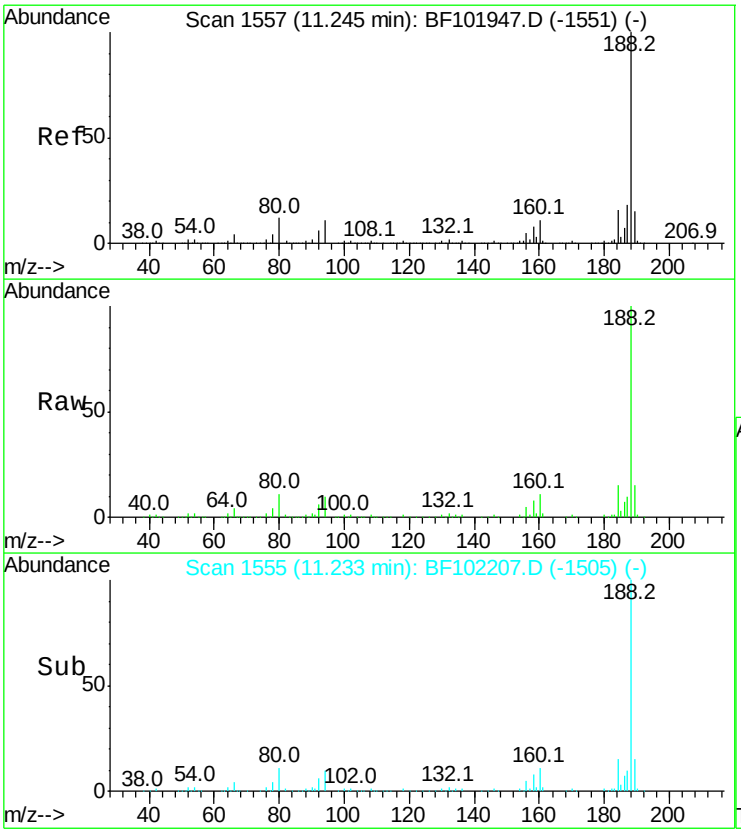
#49
Dimethylphthalate
Concen: 4.533 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102207.D
Acq: 18 Jan 2018 22:20

Instrument :
BNA_F
ClientSampleId :
HAVERSTRAW-SE

Tgt Ion:163 Resp: 70681

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.2	8.2	12.2

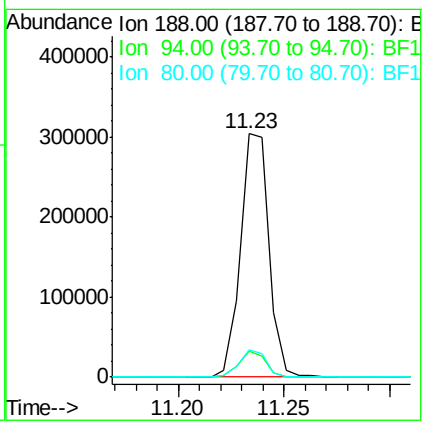


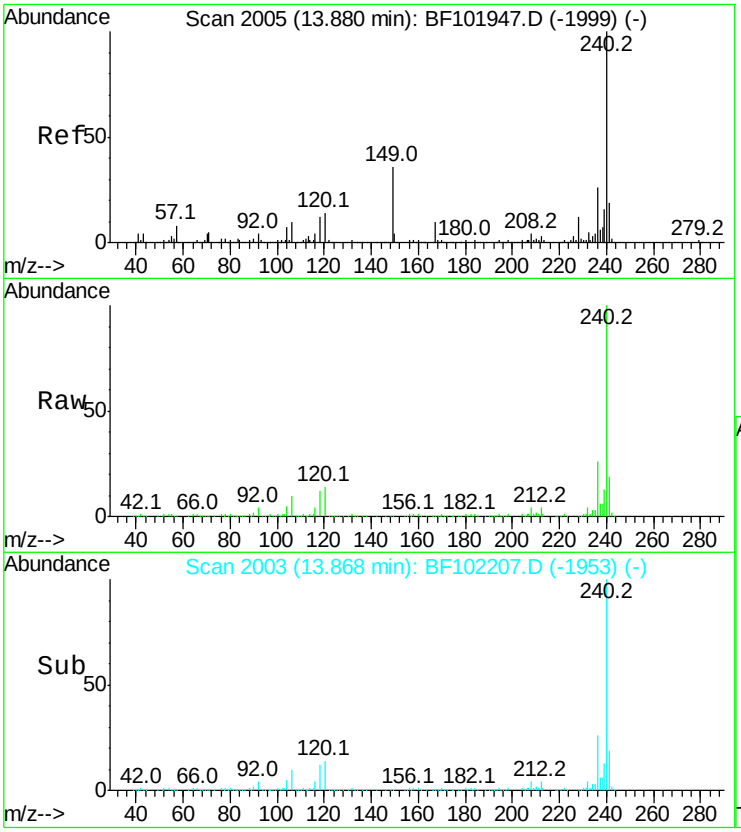


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102207.D
Acq: 18 Jan 2018 22:20

Tgt Ion:188 Resp: 283235

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.3	9.2	13.8



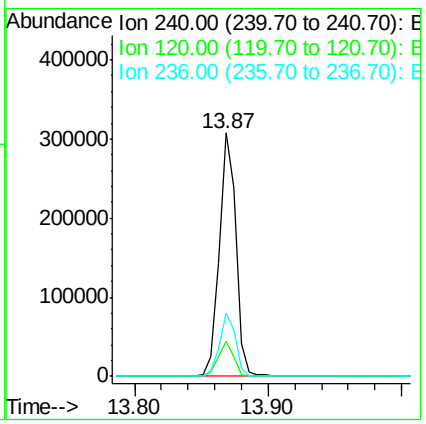


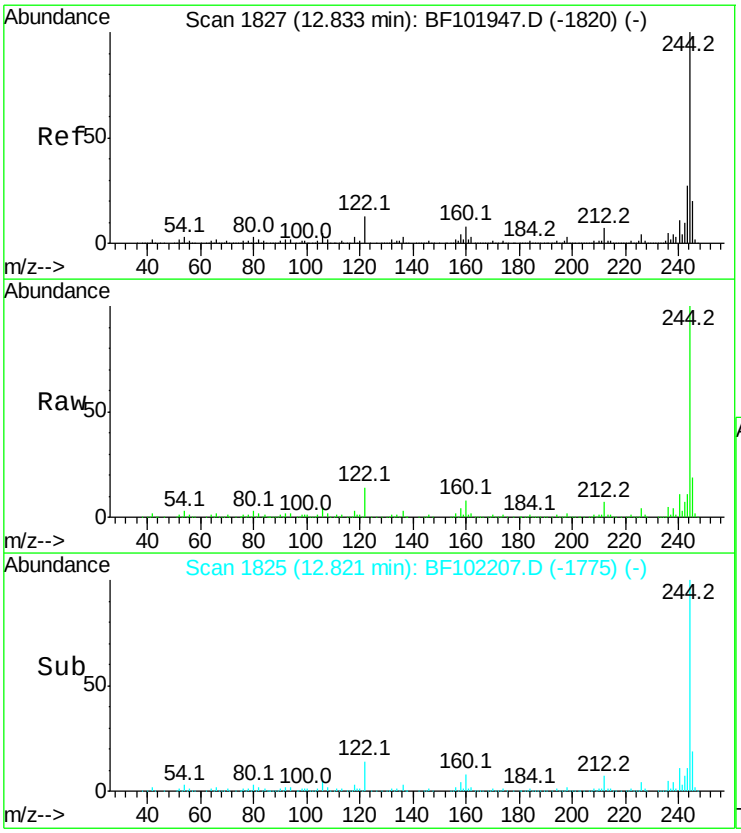
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102207.D
Acq: 18 Jan 2018 22:20

Instrument :
BNA_F
ClientSampleId :
HAVERSTRAW-SE

Tgt Ion:240 Resp: 271920

Ion	Ratio	Lower	Upper
240	100		
120	14.5	9.5	14.3#
236	26.0	20.7	31.1

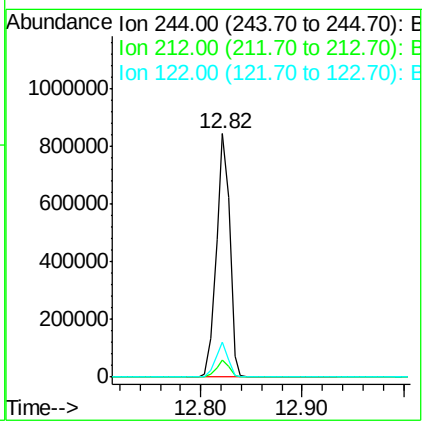


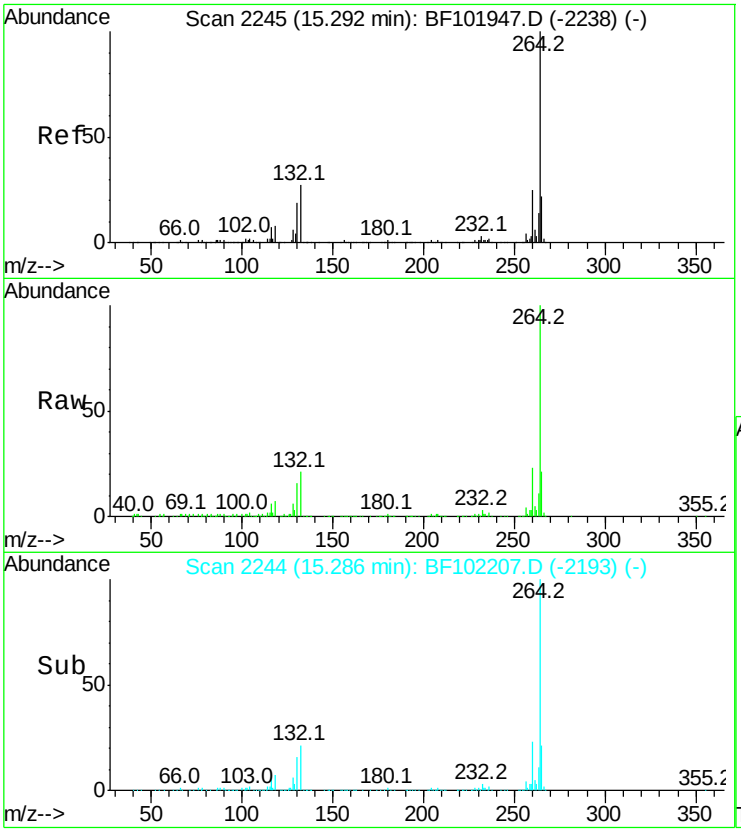


#78
Terphenyl-d14
Concen: 58.744 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102207.D
Acq: 18 Jan 2018 22:20

Tgt Ion:244 Resp: 769347

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.3	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BF102207.D
Acq: 18 Jan 2018 22:20

Instrument :
BNA_F
ClientSampleId :
HAVERSTRAW-SE

Tgt Ion:264 Resp: 244322

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.8	17.5	26.3