Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107570.D
Acq On : 21 Jul 2018 12:29
Operator : JU/SJ
Sample : J4094-03
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 071818-DBRI-E-D-S

Quant Time: Jul 23 04:47:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	345892	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1224518	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	448024	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	766759	20.00	ng	0.00
75) Chrysene-d12	14.16	240	777063	20.00	ng	0.00
86) Perylene-d12	15.69	264	598783	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	808846	37.60	ng	0.00
7) Phenol-d6	6.60	99	708257	27.42	ng	-0.02
23) Nitrobenzene-d5	7.54	82	1811571	99.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	396813	77.89	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	2784418	118.27	ng	0.00
78) Terphenyl-d14	13.10	244	2171534	71.54	ng	0.00

Target Compounds	Qvalue

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

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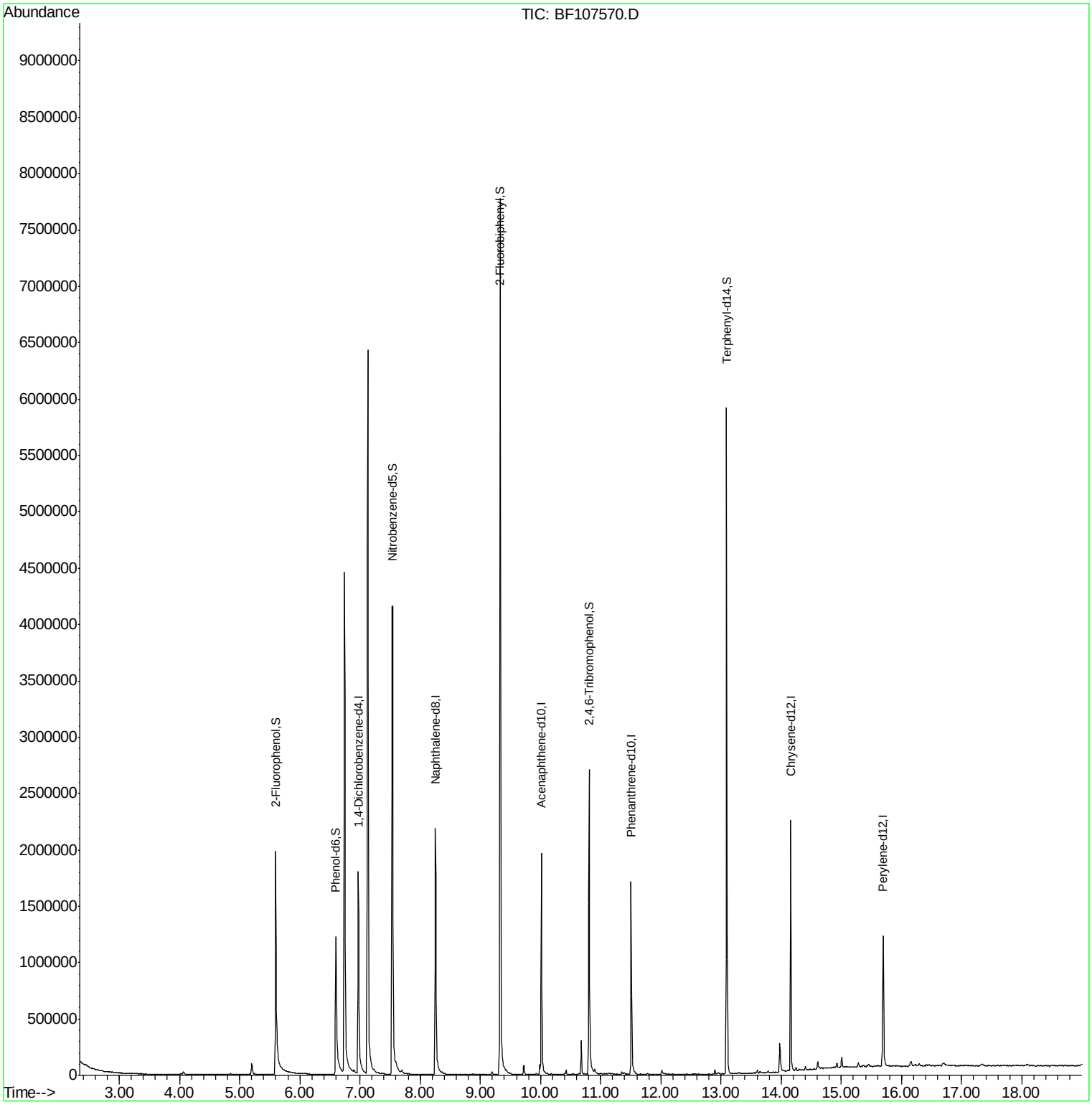
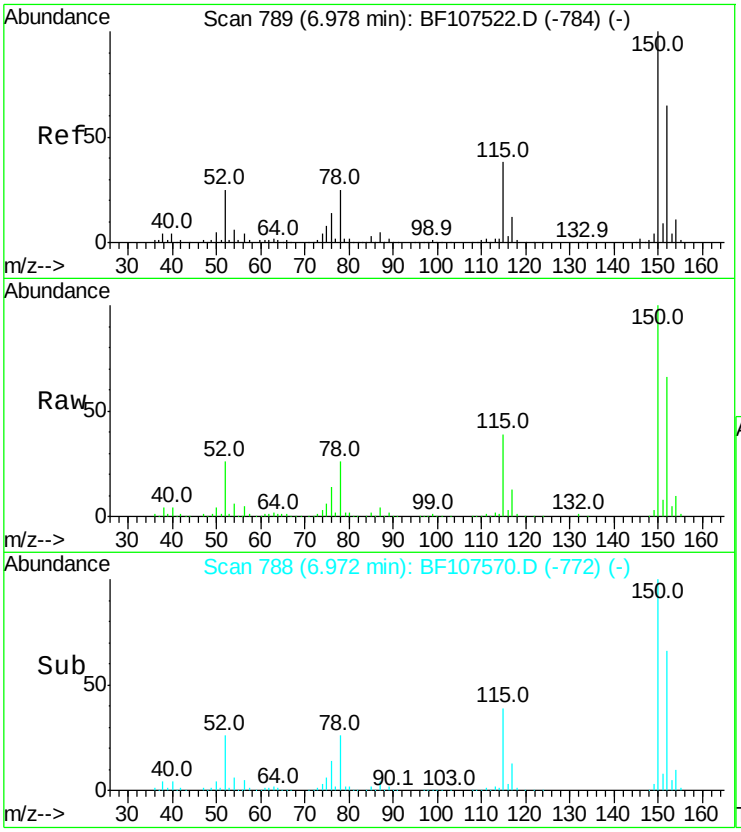


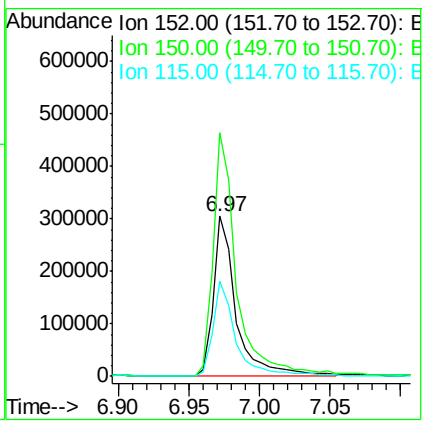


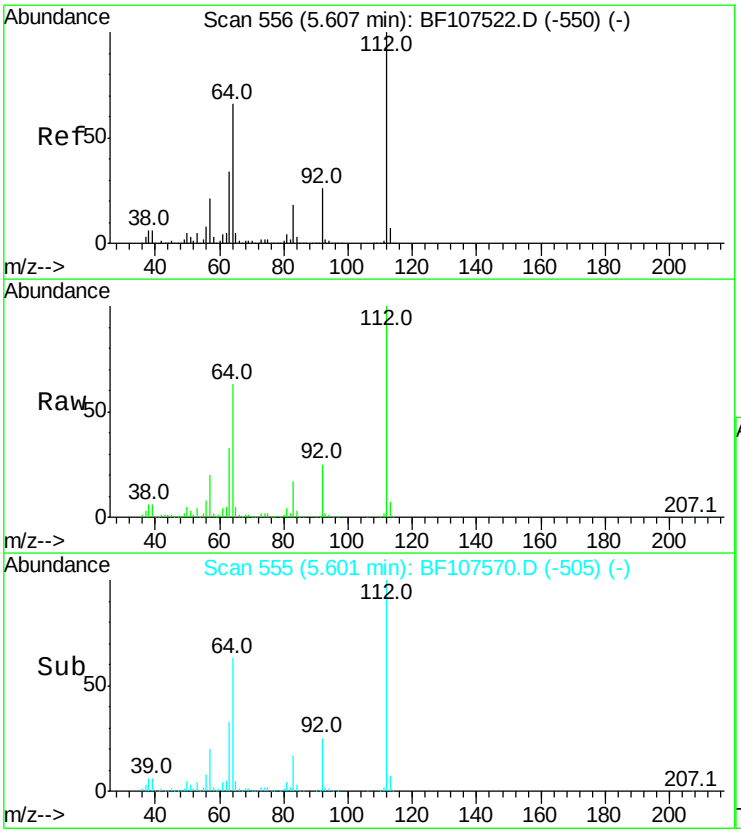
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107570.D
Acq: 21 Jul 2018 12:29

Instrument :
BNA_F
ClientSampleId :
071818-DBRI-E-D-S

Tgt Ion:152 Resp: 345892

Ion	Ratio	Lower	Upper
152	100		
150	152.3	124.6	186.8
115	59.3	50.1	75.1

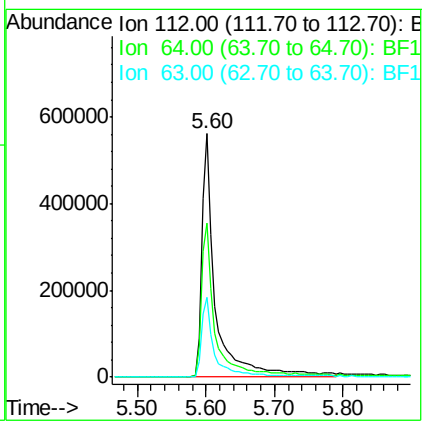


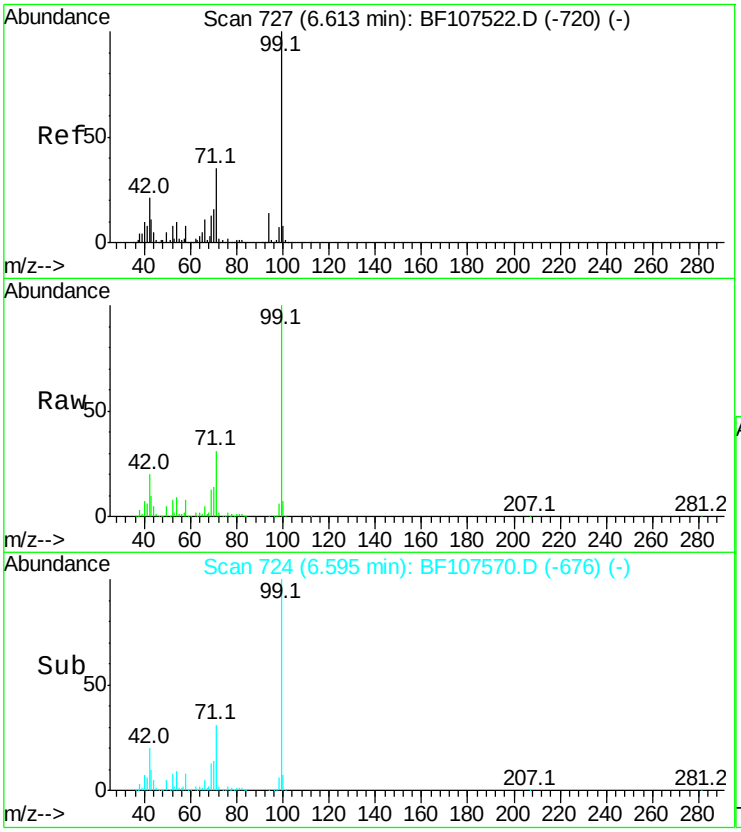


#5
2-Fluorophenol
Concen: 37.598 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107570.D
Acq: 21 Jul 2018 12:29

Tgt Ion:112 Resp: 808846

Ion	Ratio	Lower	Upper
112	100		
64	63.2	47.9	71.9
63	32.7	23.7	35.5



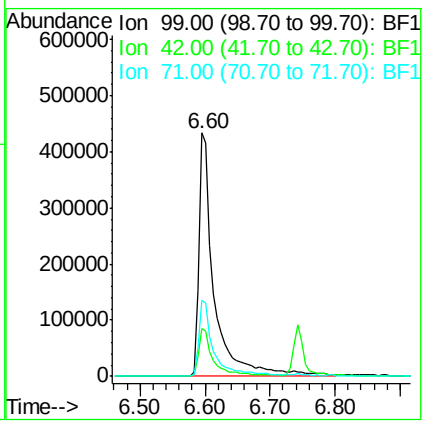


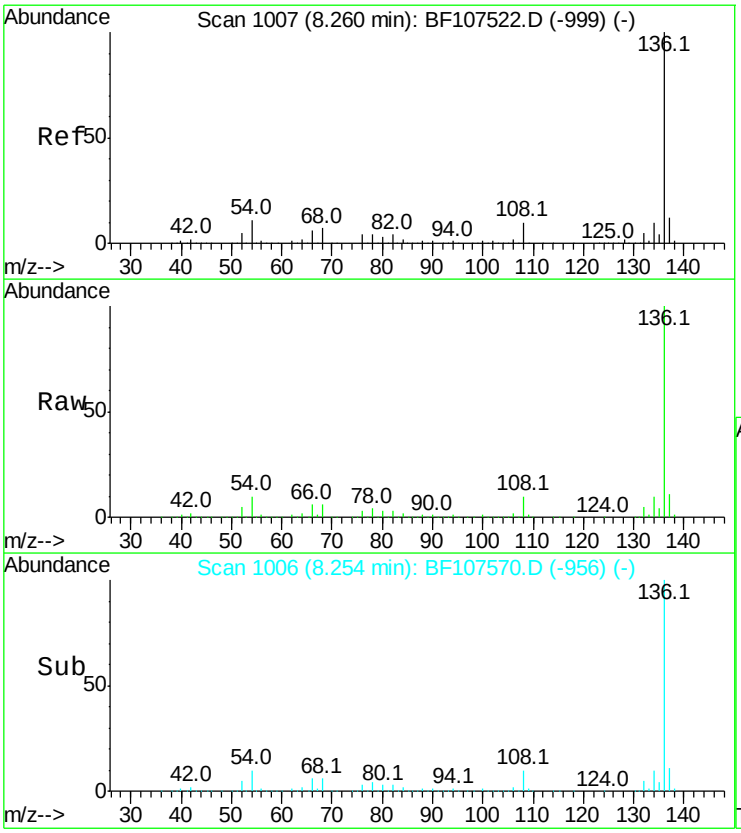
#7
Phenol-d6
Concen: 27.418 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF107570.D
Acq: 21 Jul 2018 12:29

Instrument :
BNA_F
ClientSampleId :
071818-DBRI-E-D-S

Tgt Ion: 99 Resp: 708257

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	31.2	25.4	38.0

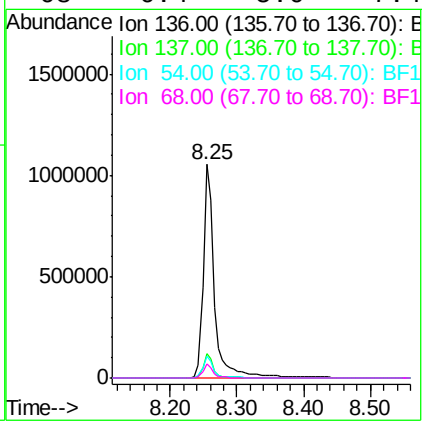


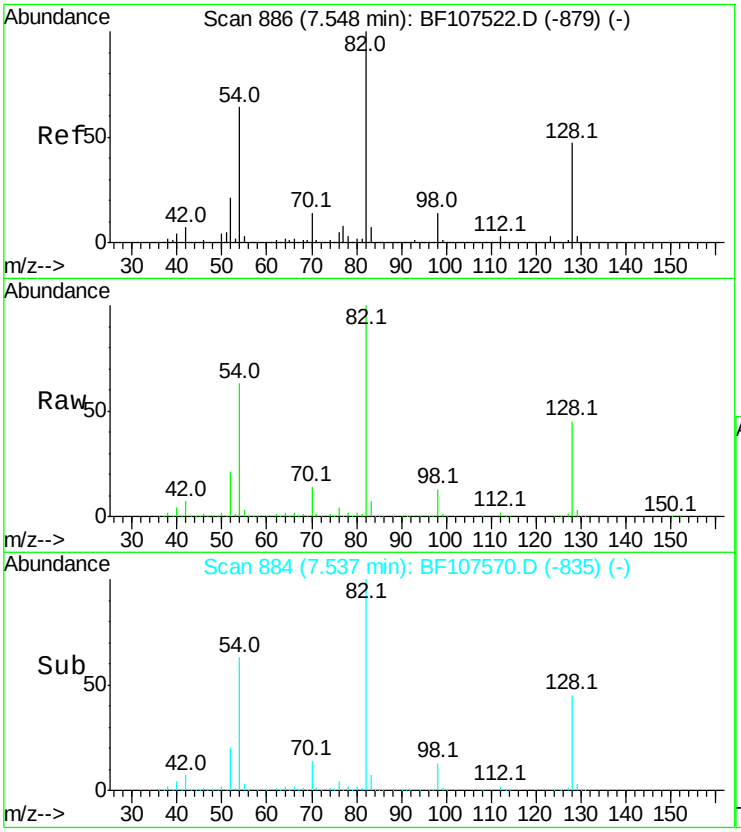


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF107570.D
Acq: 21 Jul 2018 12:29

Tgt Ion:136 Resp: 1224518

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	10.4	6.6	9.8#
68	6.4	5.0	7.4



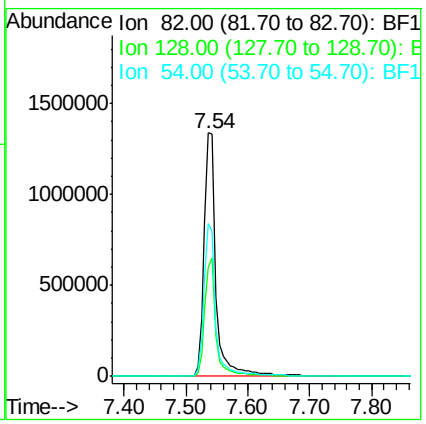


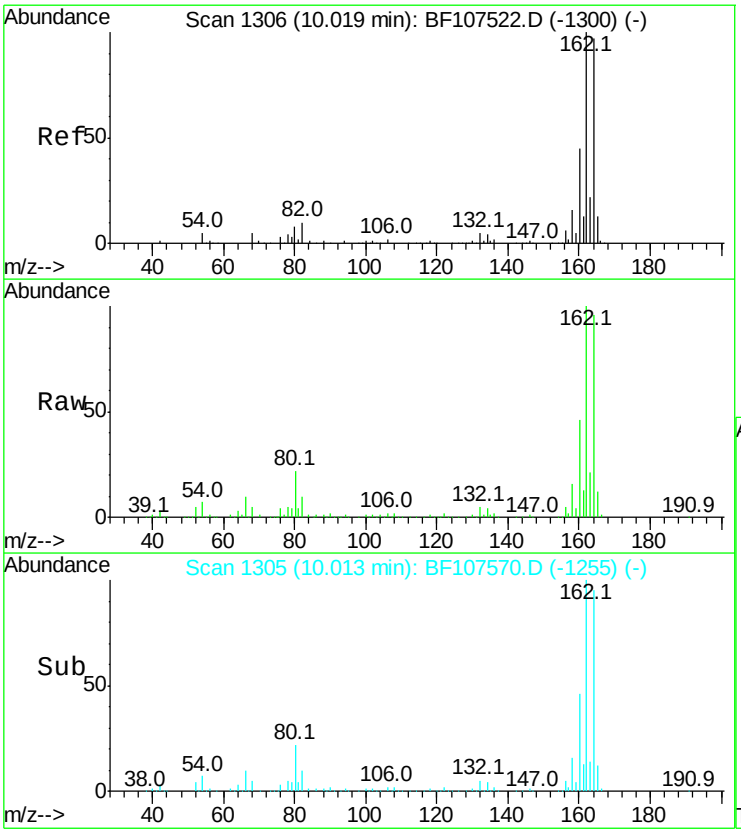
#23
Nitrobenzene-d5
Concen: 99.842 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107570.D
Acq: 21 Jul 2018 12:29

Instrument :
BNA_F
ClientSampleId :
071818-DBRI-E-D-S

Tgt Ion: 82 Resp: 1811571

Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	62.6	41.4	62.2#

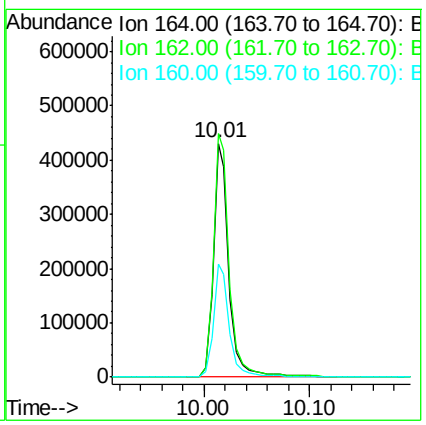


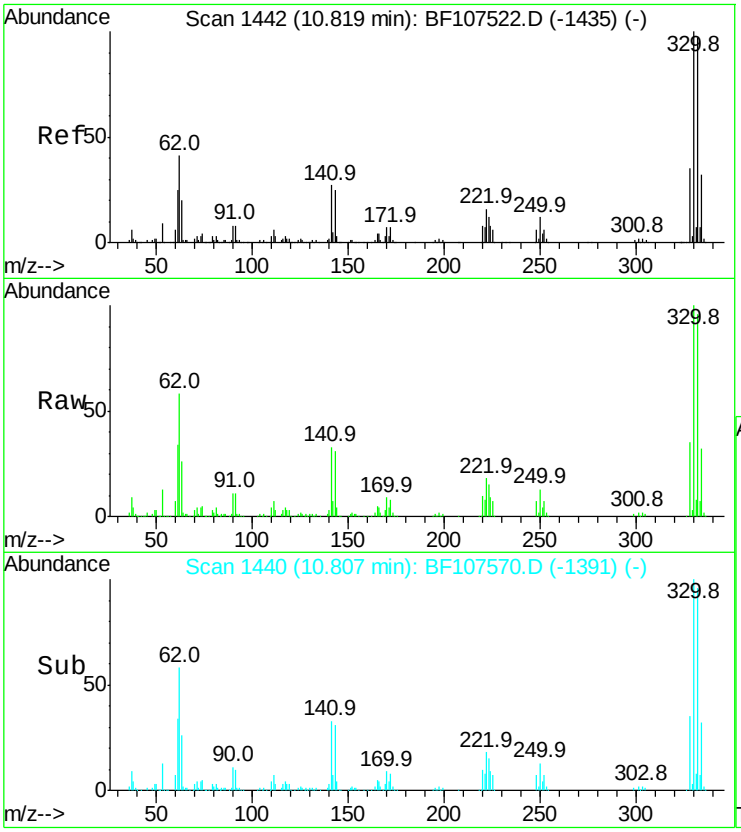


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF107570.D
Acq: 21 Jul 2018 12:29

Tgt Ion:164 Resp: 448024

Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	48.3	38.3	57.5



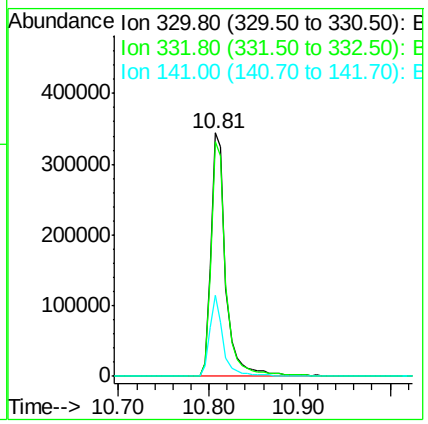


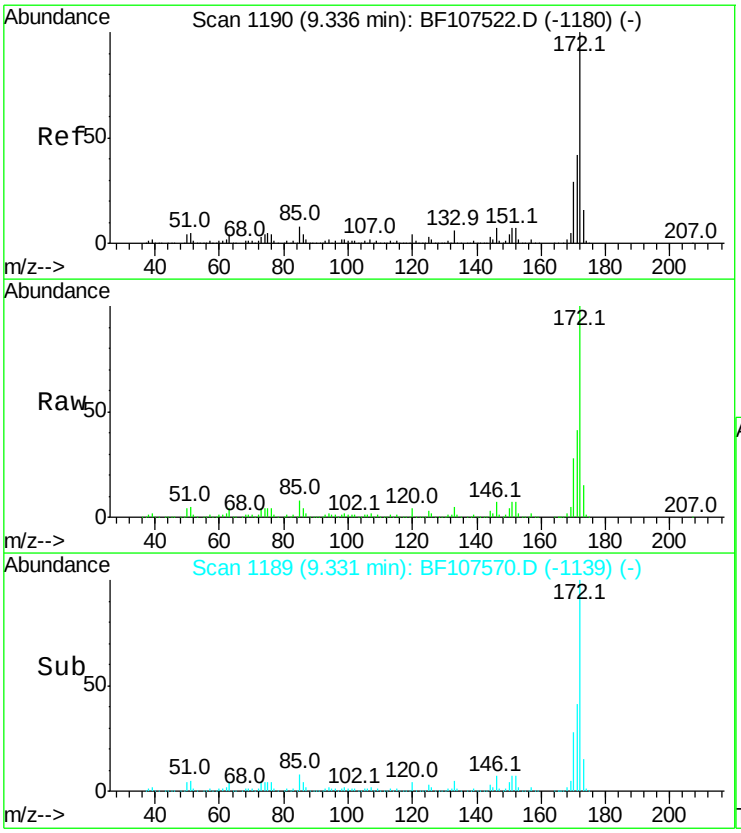
#41
2,4,6-Tribromophenol
Concen: 77.887 ng
RT: 10.81 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF107570.D
Acq: 21 Jul 2018 12:29

Instrument :
BNA_F
ClientSampleId :
071818-DBRI-E-D-S

Tgt Ion:330 Resp: 396813

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	30.4	29.9	44.9

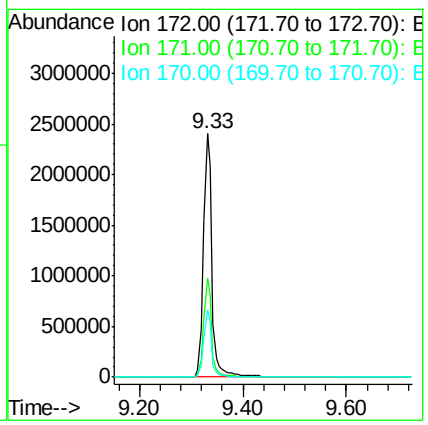


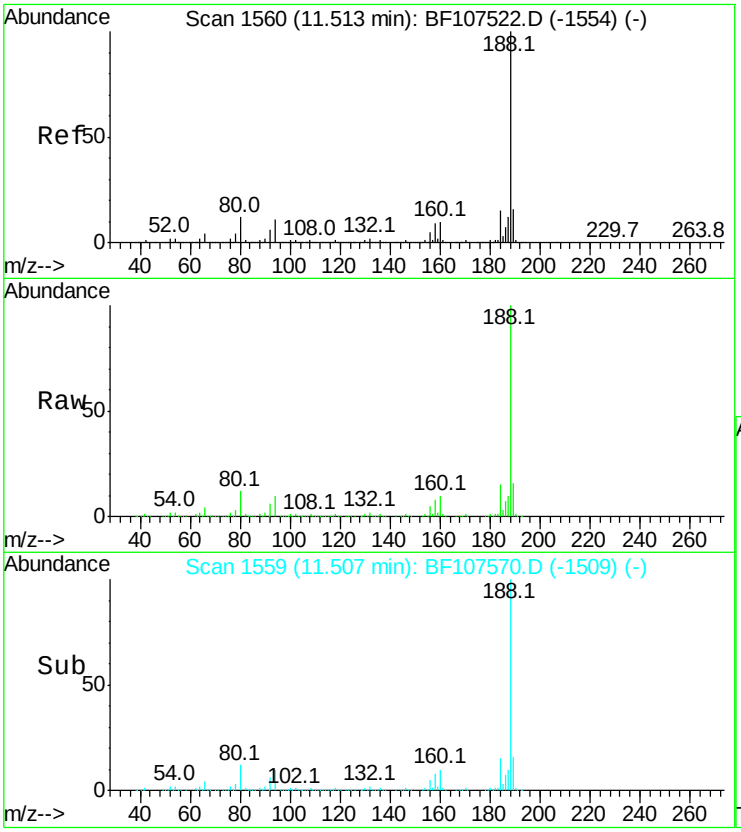


#44
2-Fluorobiphenyl
Concen: 118.266 ng
RT: 9.33 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF107570.D
Acq: 21 Jul 2018 12:29

Tgt Ion:172 Resp: 2784418

Ion	Ratio	Lower	Upper
172	100		
171	40.7	29.7	44.5
170	27.8	19.6	29.4



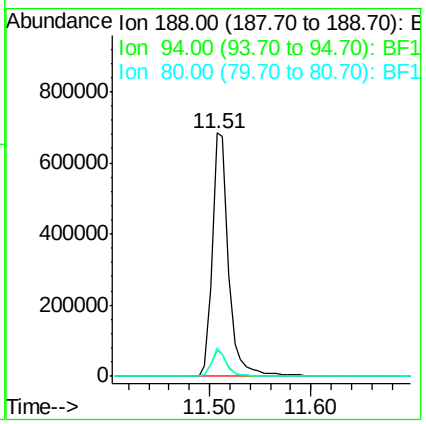


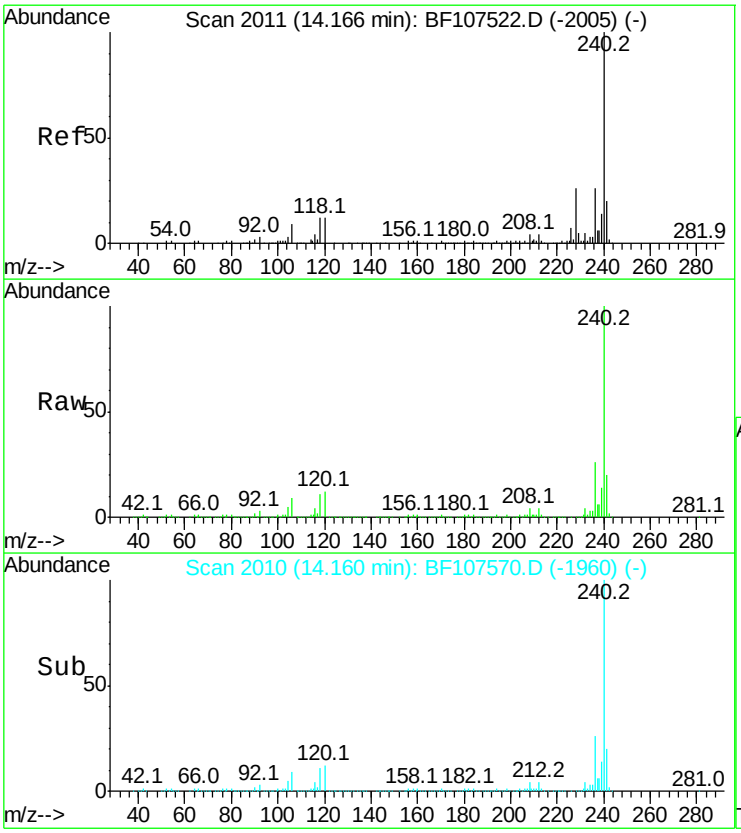
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107570.D
Acq: 21 Jul 2018 12:29

Instrument :
BNA_F
ClientSampleId :
071818-DBRI-E-D-S

Tgt Ion:188 Resp: 766759

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.7	9.2	13.8

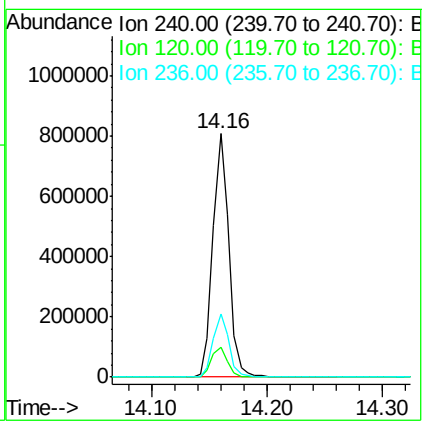


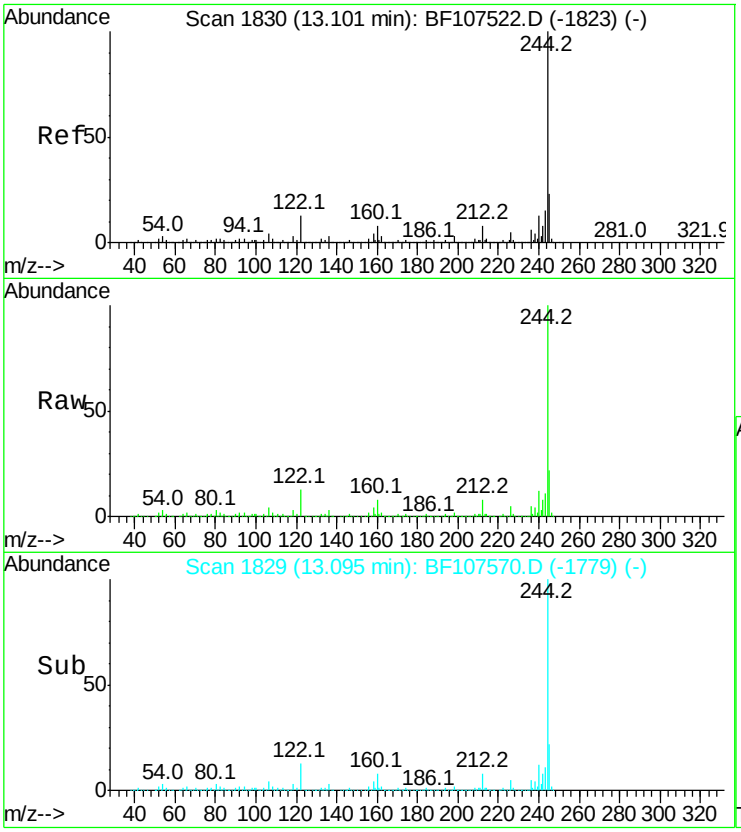


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF107570.D
Acq: 21 Jul 2018 12:29

Tgt Ion:240 Resp: 777063

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	26.0	20.7	31.1



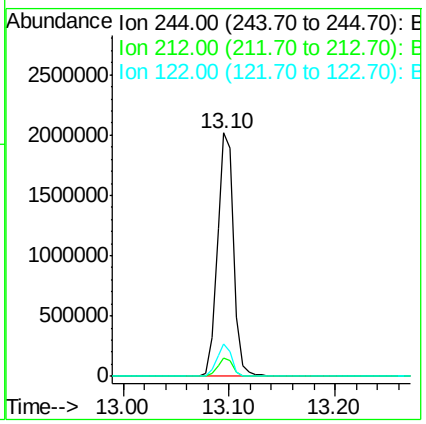


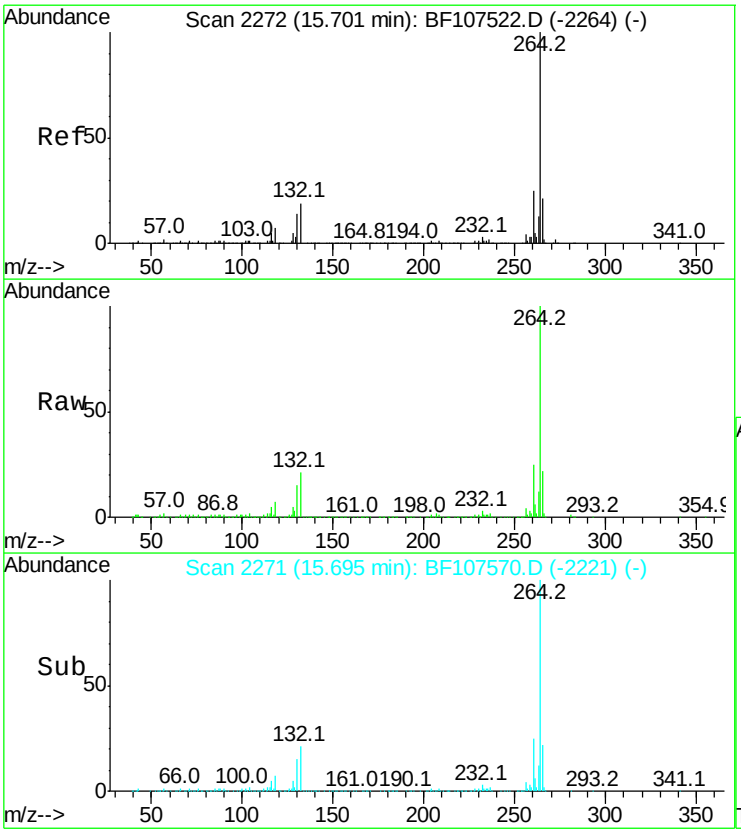
#78
Terphenyl-d14
Concen: 71.543 ng
RT: 13.10 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BF107570.D
Acq: 21 Jul 2018 12:29

Instrument :
BNA_F
ClientSampleId :
071818-DBRI-E-D-S

Tgt Ion:244 Resp: 2171534

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	13.2	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF107570.D
Acq: 21 Jul 2018 12:29

Tgt Ion:264 Resp: 598783

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	22.2	17.5	26.3