Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107291.D
Acq On : 11 Jul 2018 00:28
Operator : JU/SJ
Sample : J3912-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GS-CONCRETE-PIPE

Quant Time: Jul 11 02:14:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	29129	20.00	ng	-0.02
21) Naphthalene-d8	8.22	136	103728	20.00	ng	-0.02
38) Acenaphthene-d10	9.98	164	49056	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	105728	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	85861	20.00	ng	-0.03
86) Perylene-d12	15.67	264	64760	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	96175	55.91	ng	-0.02
7) Phenol-d6	6.58	99	183960	85.63	ng	-0.03
23) Nitrobenzene-d5	7.50	82	121127	64.90	ng	-0.04
41) 2,4,6-Tribromophenol	10.78	330	6295	11.07	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	242812	83.52	ng	-0.03
78) Terphenyl-d14	13.07	244	330390	93.21	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.69	163	26459	7.191	ng	99

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

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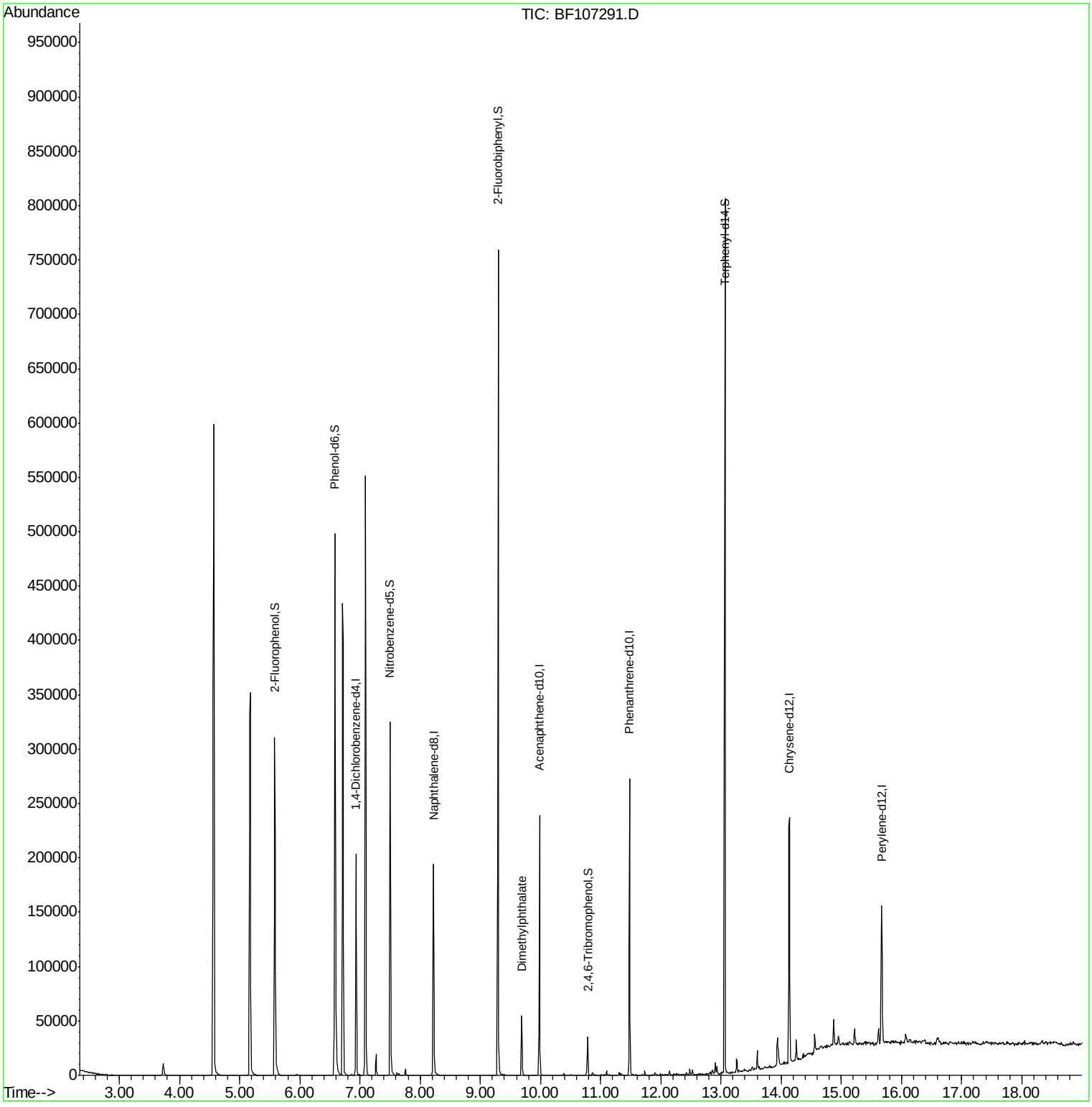
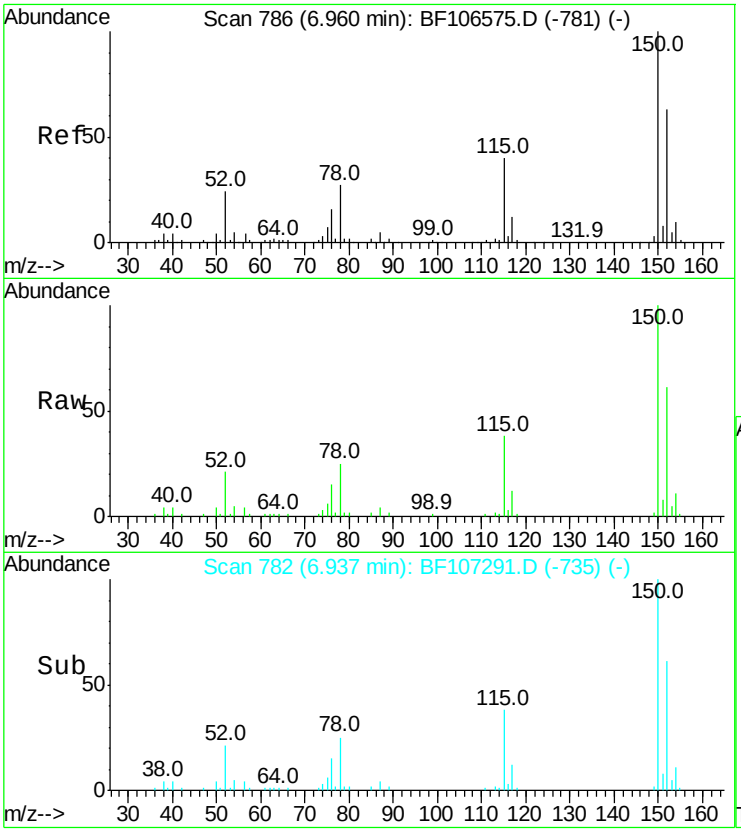


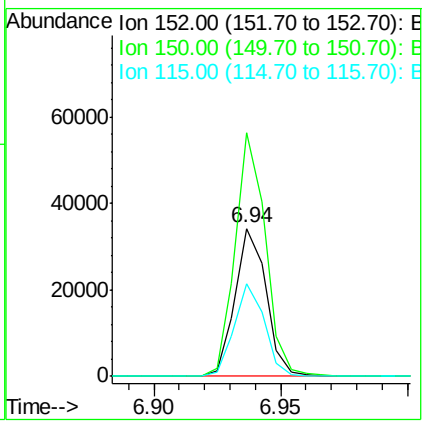


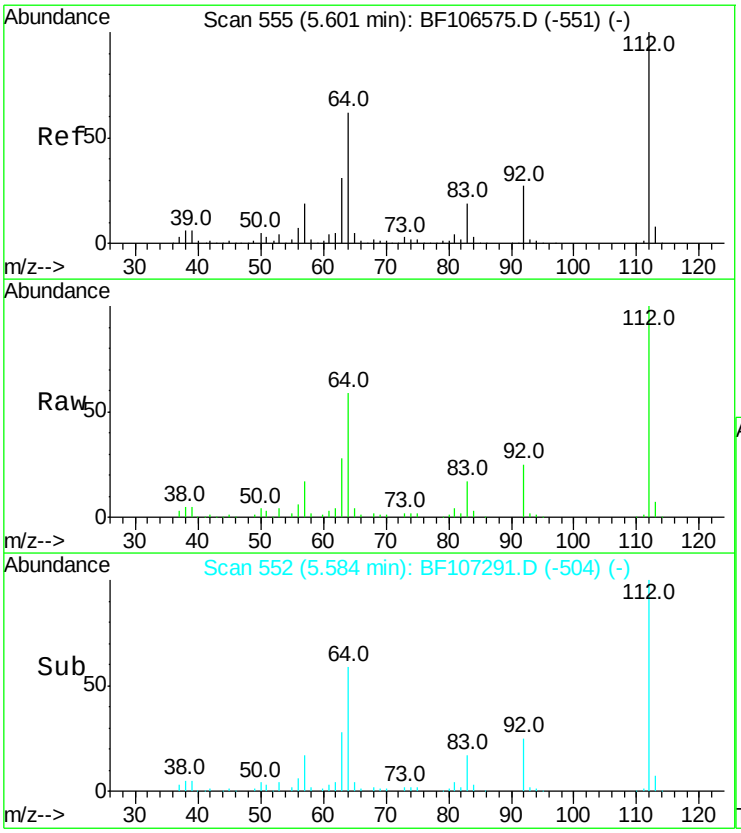
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF107291.D
Acq: 11 Jul 2018 00:28

Instrument :
BNA_F
ClientSampleId :
GS-CONCRETE-PIPE

Tgt Ion:152 Resp: 29129

Ion	Ratio	Lower	Upper
152	100		
150	164.7	124.6	186.8
115	62.6	50.1	75.1

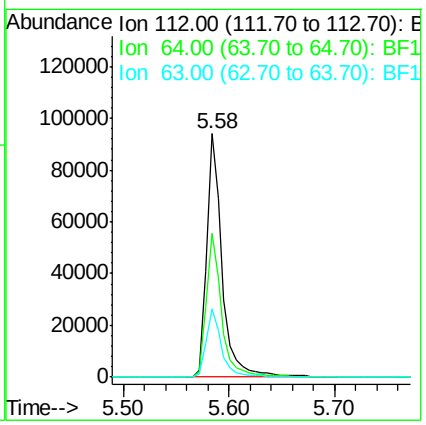


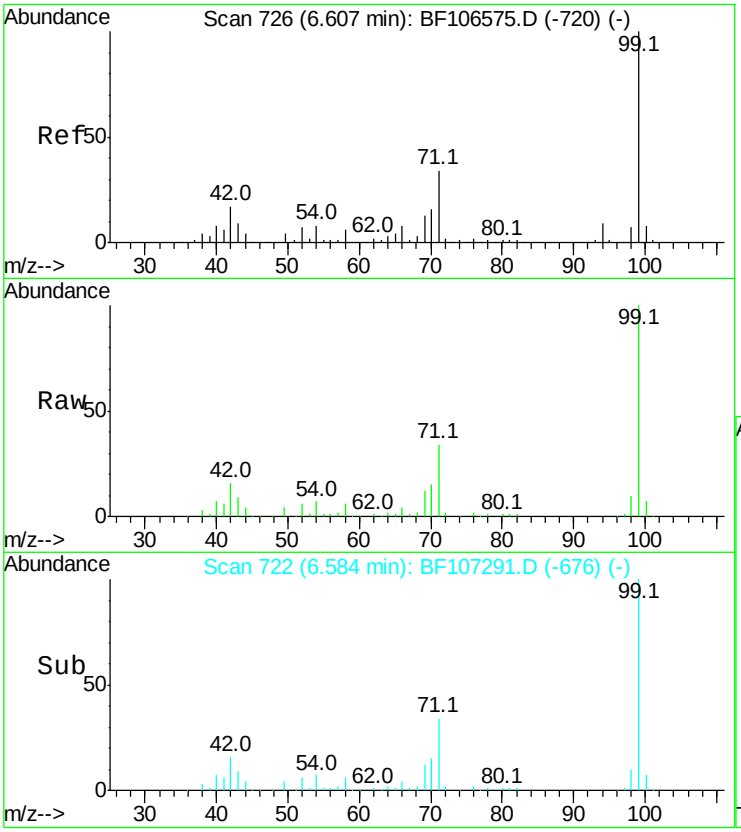


#5
2-Fluorophenol
Concen: 55.908 ng
RT: 5.58 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF107291.D
Acq: 11 Jul 2018 00:28

Tgt Ion:112 Resp: 96175

Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.9	71.9
63	27.9	23.7	35.5



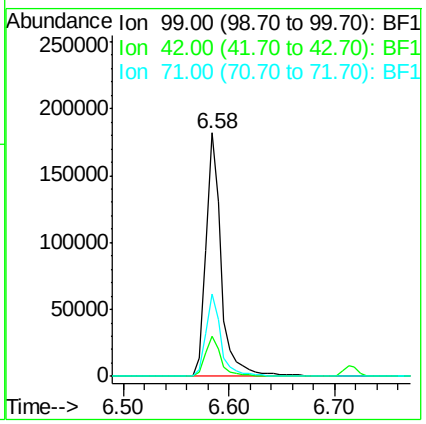


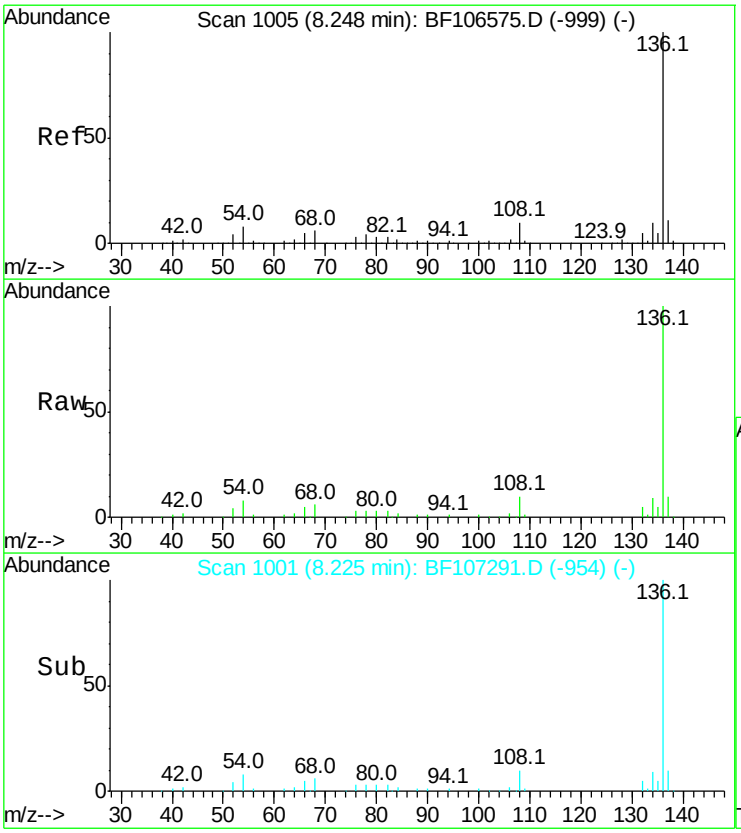
#7
Phenol-d6
Concen: 85.633 ng
RT: 6.58 min Scan# 722
Delta R.T. -0.03 min
Lab File: BF107291.D
Acq: 11 Jul 2018 00:28

Instrument :
BNA_F
ClientSampleId :
GS-CONCRETE-PIPE

Tgt Ion: 99 Resp: 183960

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.5	21.7
71	33.6	25.4	38.0

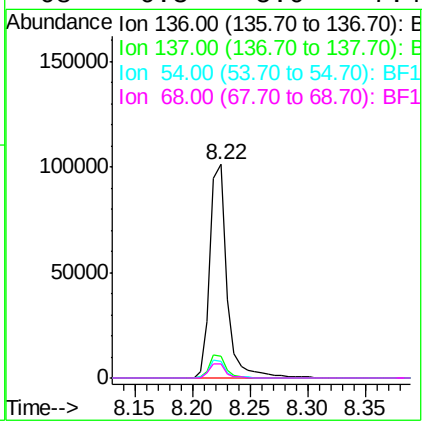


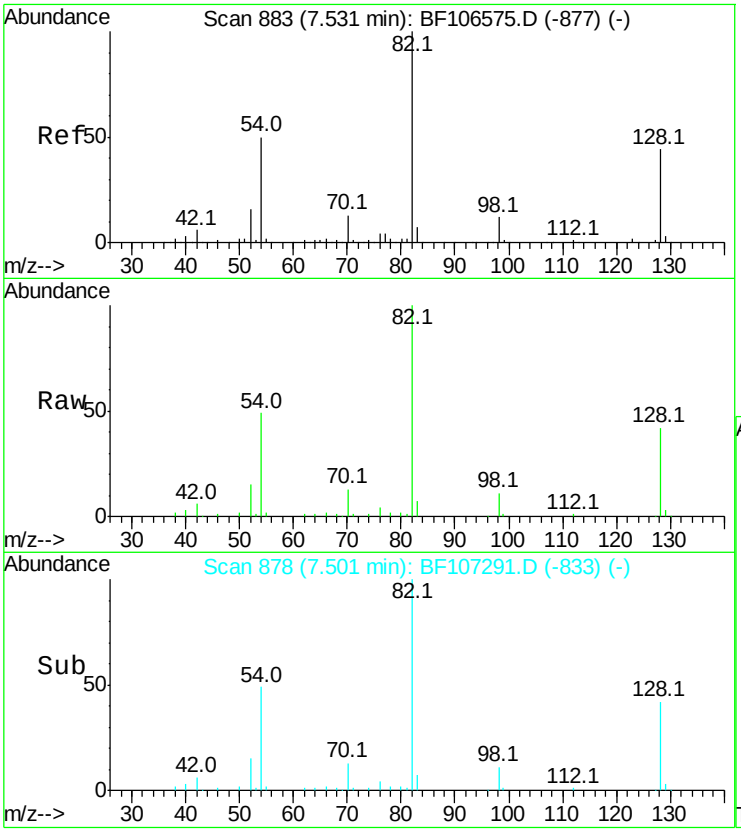


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF107291.D
Acq: 11 Jul 2018 00:28

Tgt Ion:136 Resp: 103728

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	7.7	6.6	9.8
68	6.3	5.0	7.4



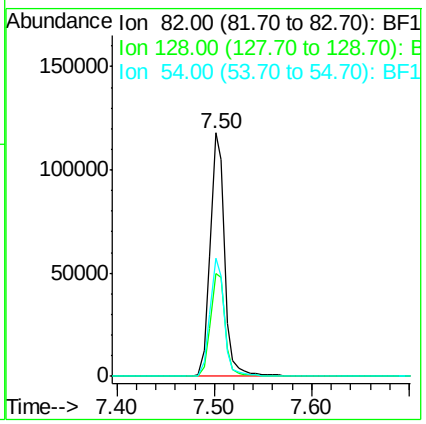


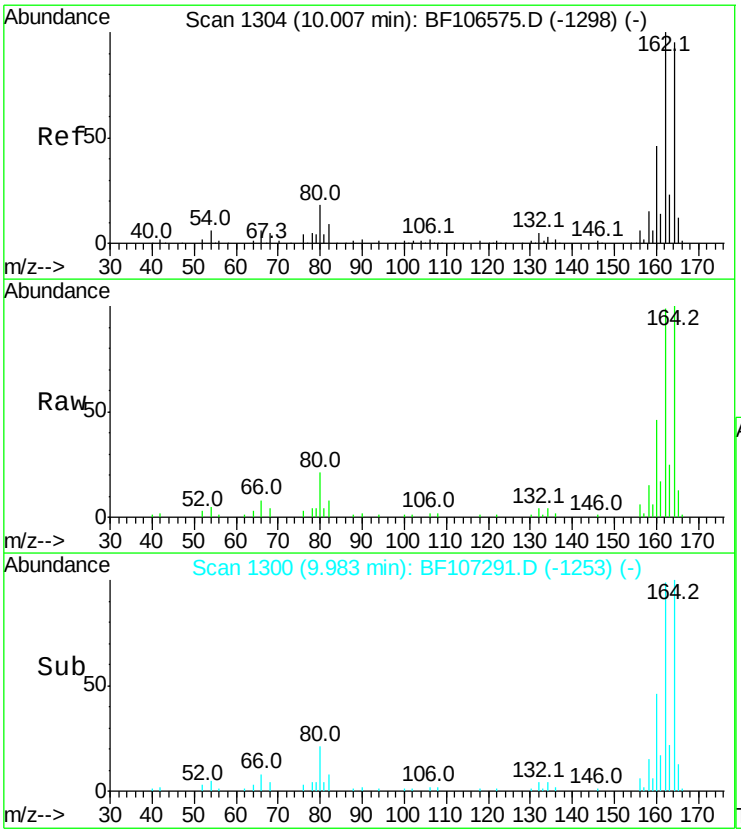
#23
Nitrobenzene-d5
Concen: 64.895 ng
RT: 7.50 min Scan# 878
Delta R.T. -0.04 min
Lab File: BF107291.D
Acq: 11 Jul 2018 00:28

Instrument :
BNA_F
ClientSampleId :
GS-CONCRETE-PIPE

Tgt Ion: 82 Resp: 121127

Ion	Ratio	Lower	Upper
82	100		
128	42.3	36.1	54.1
54	48.7	41.4	62.2

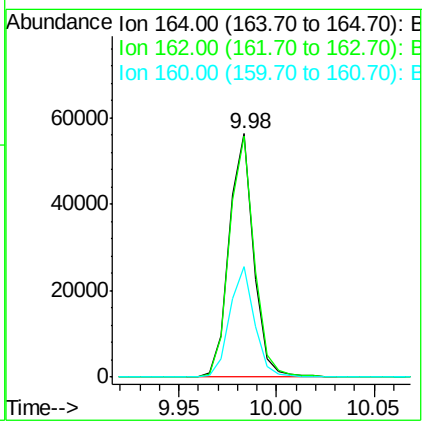


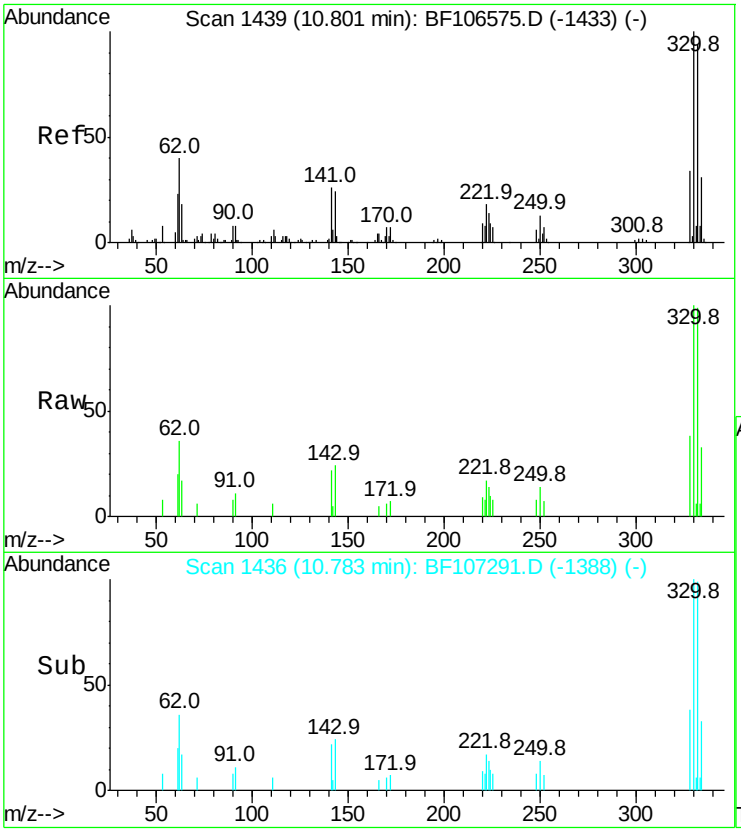


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF107291.D
Acq: 11 Jul 2018 00:28

Tgt Ion:164 Resp: 49056

Ion	Ratio	Lower	Upper
164	100		
162	99.1	86.1	129.1
160	45.5	38.3	57.5



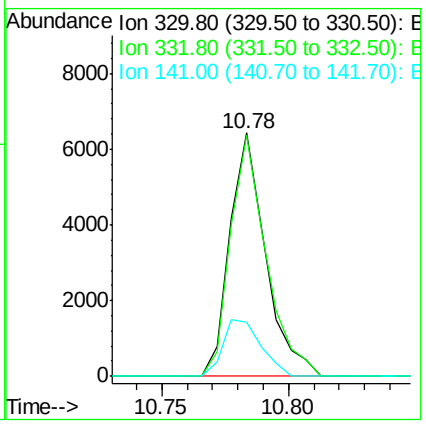


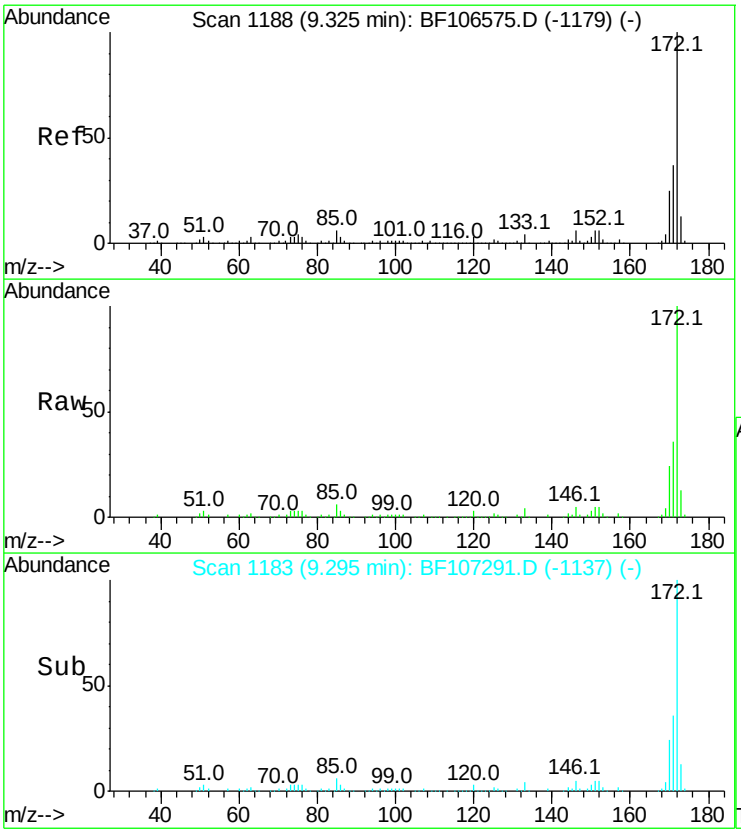
#41
2,4,6-Tribromophenol
Concen: 11.072 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF107291.D
Acq: 11 Jul 2018 00:28

Instrument :
BNA_F
ClientSampleId :
GS-CONCRETE-PIPE

Tgt Ion:330 Resp: 6295

Ion	Ratio	Lower	Upper
330	100		
332	99.4	77.0	115.6
141	24.6	29.9	44.9#

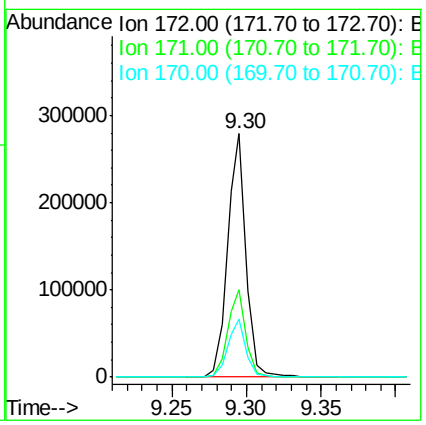


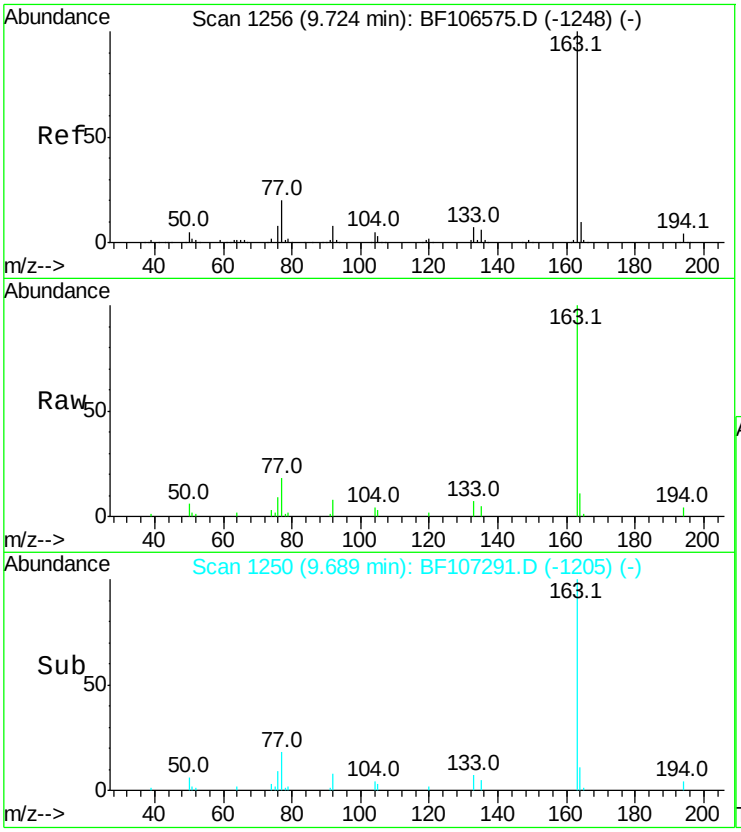


#44
2-Fluorobiphenyl
Concen: 83.523 ng
RT: 9.30 min Scan# 1183
Delta R.T. -0.03 min
Lab File: BF107291.D
Acq: 11 Jul 2018 00:28

Tgt Ion:172 Resp: 242812

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.1	19.6	29.4



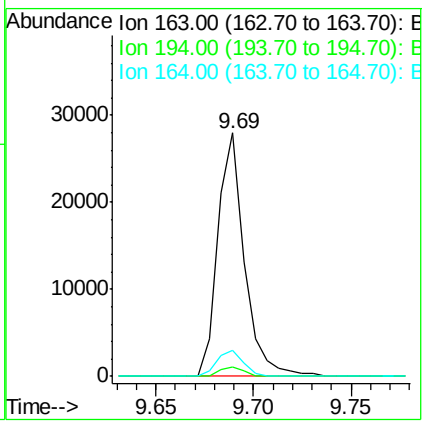


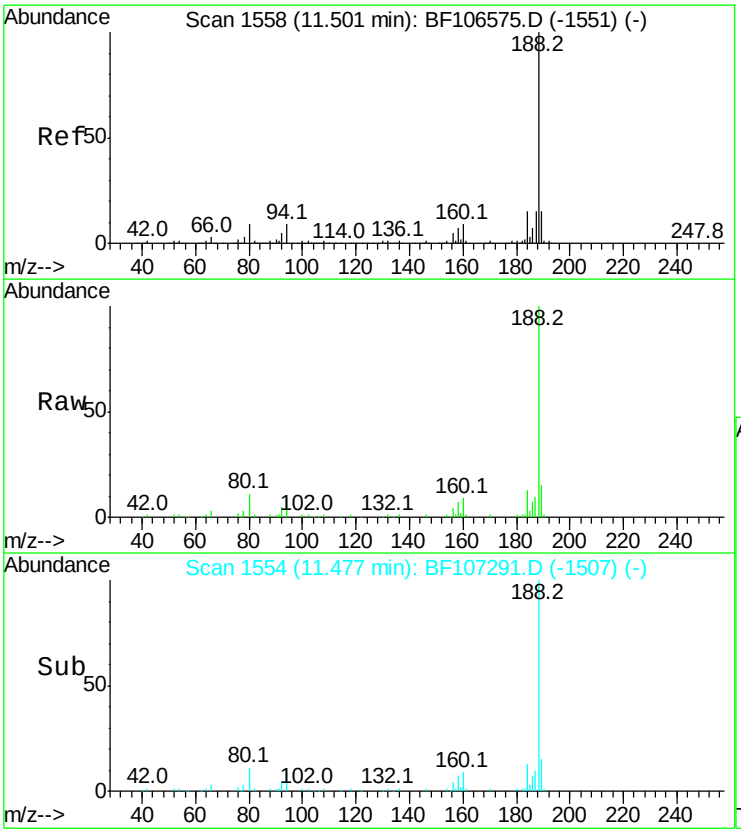
#49
Dimethylphthalate
Concen: 7.191 ng
RT: 9.69 min Scan# 1250
Delta R.T. -0.04 min
Lab File: BF107291.D
Acq: 11 Jul 2018 00:28

Instrument :
BNA_F
ClientSampleId :
GS-CONCRETE-PIPE

Tgt Ion:163 Resp: 26459

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.6	8.2	12.2

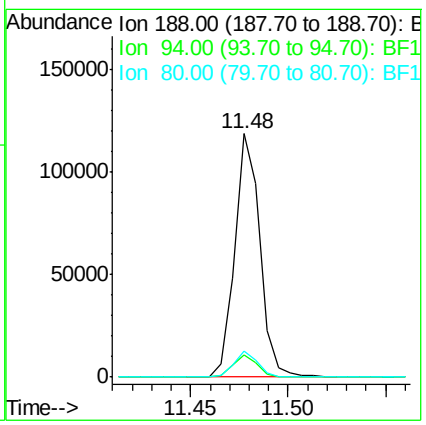


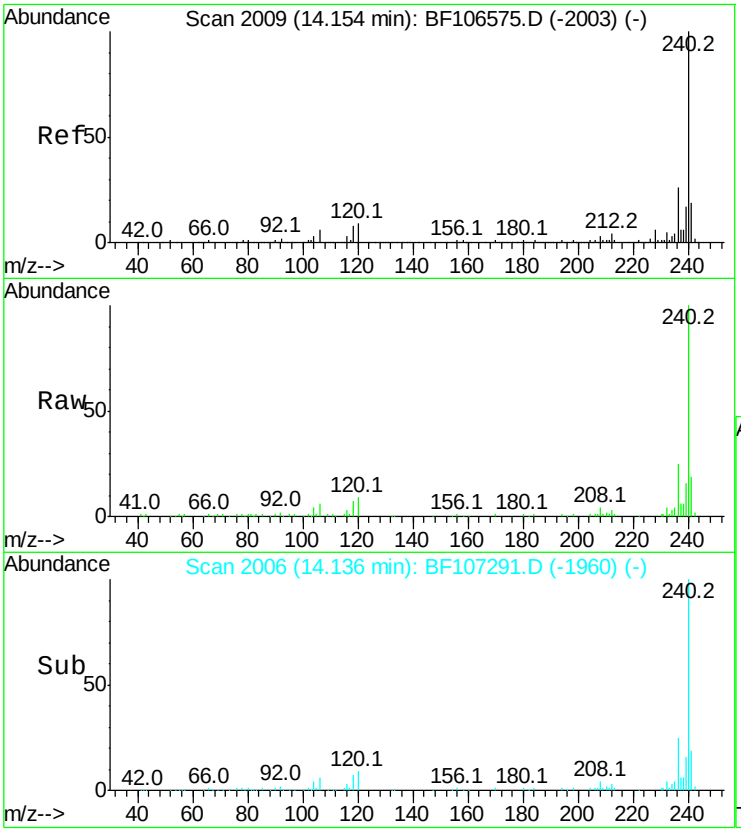


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF107291.D
Acq: 11 Jul 2018 00:28

Tgt Ion:188 Resp: 105728

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.6	9.2	13.8



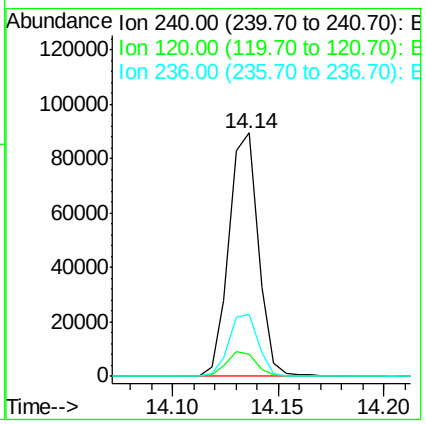


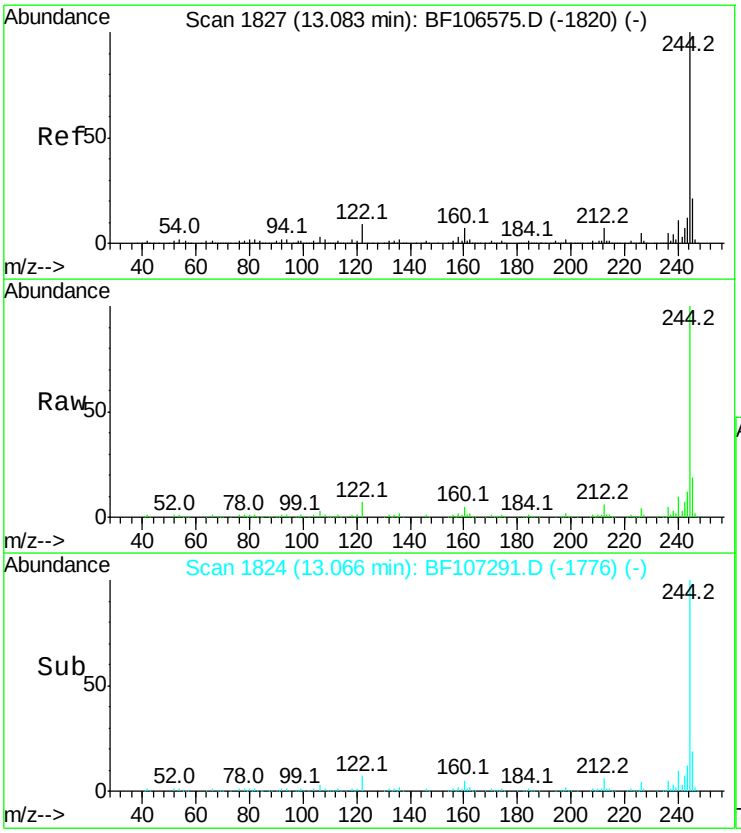
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF107291.D
Acq: 11 Jul 2018 00:28

Instrument :
BNA_F
ClientSampleId :
GS-CONCRETE-PIPE

Tgt Ion:240 Resp: 85861

Ion	Ratio	Lower	Upper
240	100		
120	8.9	9.5	14.3#
236	25.1	20.7	31.1

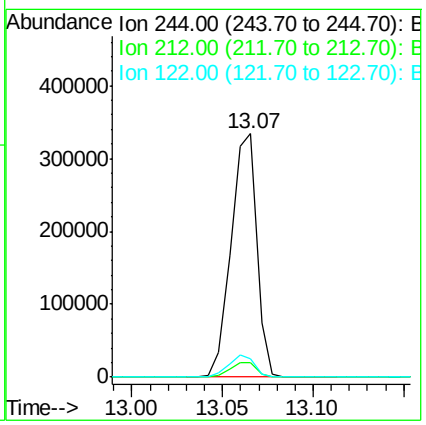


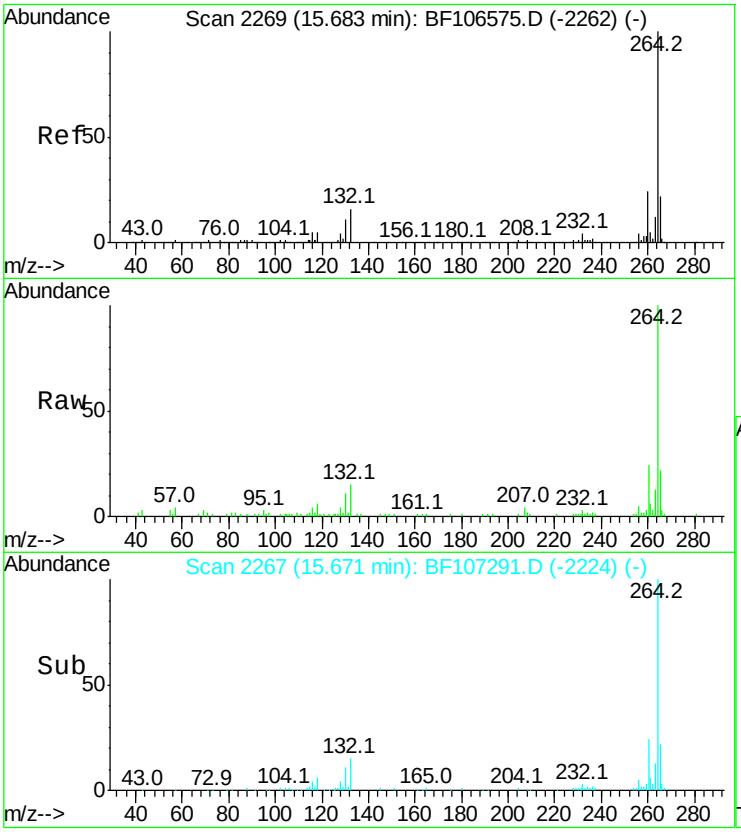


#78
Terphenyl-d14
Concen: 93.209 ng
RT: 13.07 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BF107291.D
Acq: 11 Jul 2018 00:28

Tgt Ion:244 Resp: 330390

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.4	8.0
122	7.4	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.05 min
Lab File: BF107291.D
Acq: 11 Jul 2018 00:28

Instrument :
BNA_F
ClientSampleId :
GS-CONCRETE-PIPE

Tgt Ion:264 Resp: 64760

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.6	17.5	26.3