Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
Data File : BF107544.D
Acq On : 21 Jul 2018 00:30
Operator : JU/SJ
Sample : J4041-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONES

Quant Time: Jul 21 01:36:28 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	315587	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	1231885	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	432909	20.00	ng		0.00
63) Phenanthrene-d10	11.53	188	494040	20.00	ng		0.02
75) Chrysene-d12	14.17	240	674296	20.00	ng		0.00
86) Perylene-d12	15.69	264	797600	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	145741	7.43	ng		0.00
7) Phenol-d6	6.60	99	260426	11.05	ng		-0.01
23) Nitrobenzene-d5	7.54	82	150374	8.24	ng		-0.01
41) 2,4,6-Tribromophenol	10.82	330	40058	8.14	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	327551	6.73	ng		0.00
78) Terphenyl-d14	13.11	244	192493	7.31	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.50	77	282	Below Cal		#	1
31) Naphthalene	8.28	128	654000	12.073	ng		100
32) Benzoic acid	8.02	122	112	7.908	ng	#	1
33) 4-Chloroaniline	8.28	127	83713	3.536	ng	#	34
37) 2-Methylnaphthalene	8.97	142	1339034	35.671	ng		96
53) 2,4-Dinitrophenol	10.08	184	1226	8.835	ng	#	1
56) 2,4-Dinitrotoluene	10.19	165	17504	2.239	ng	#	43
64) 4,6-Dinitro-2-methylphenol	10.64	198	2209	9.439	ng	#	1
73) Di-n-butylphthalate	12.08	149	30311	Below Cal		#	39
81) 3,3'-Dichlorobenzidine	14.10	252	442	Below Cal		#	1

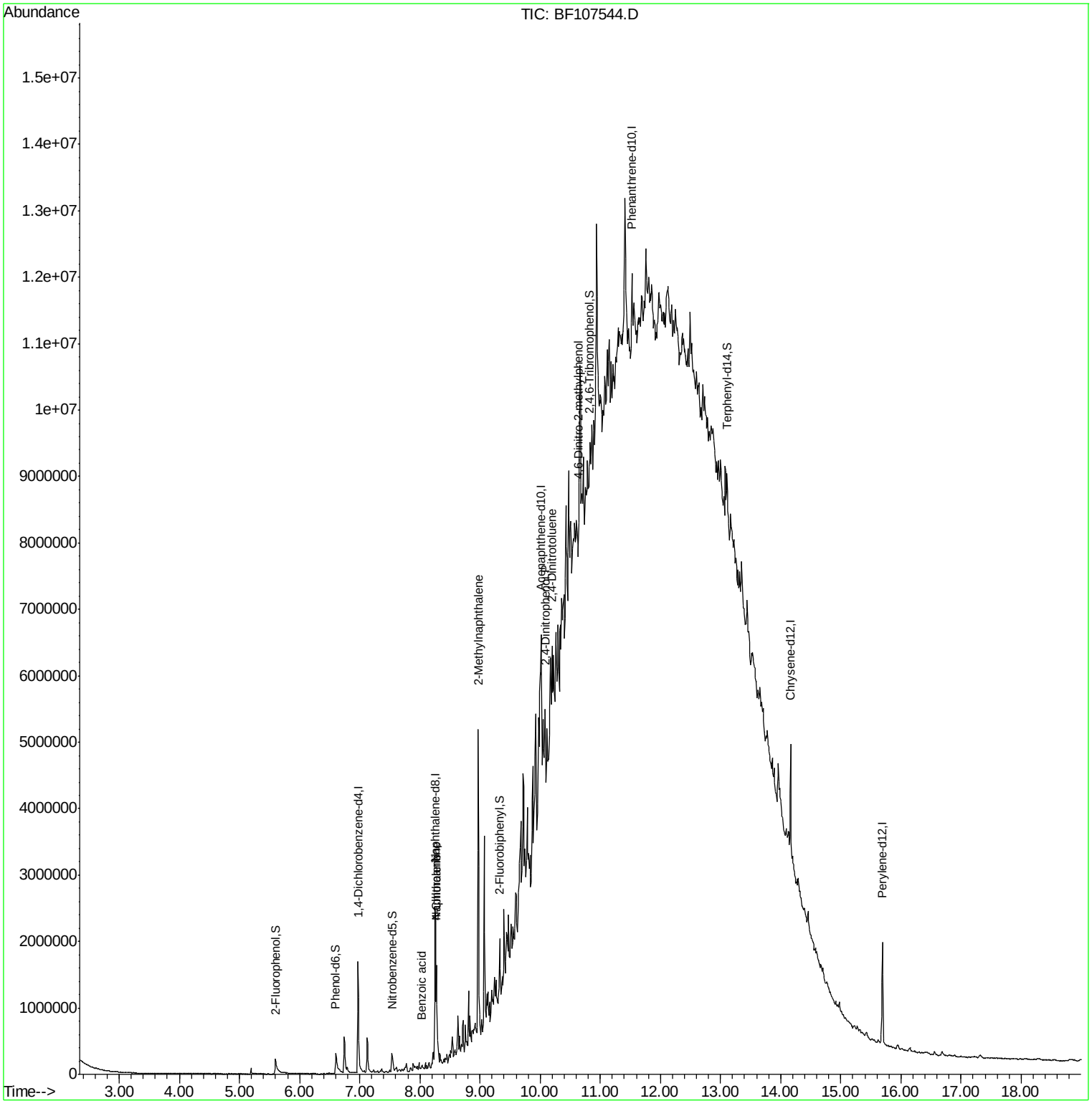
(#) = qualifier out of range (m) = manual integration (+) = signals summed

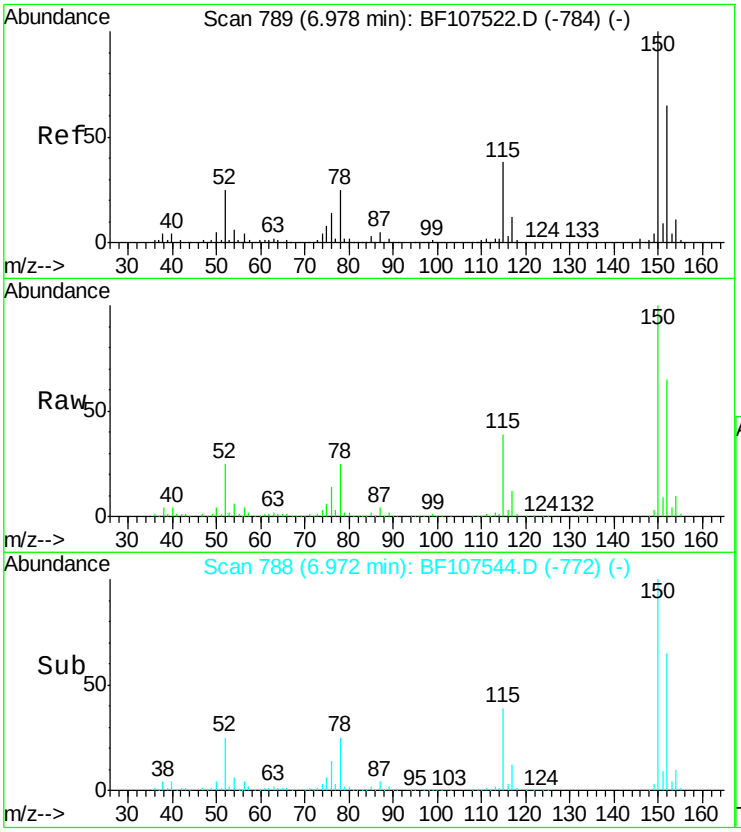
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
Data File : BF107544.D
Acq On : 21 Jul 2018 00:30
Operator : JU/SJ
Sample : J4041-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OILY-STONES

Quant Time: Jul 21 01:36:28 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



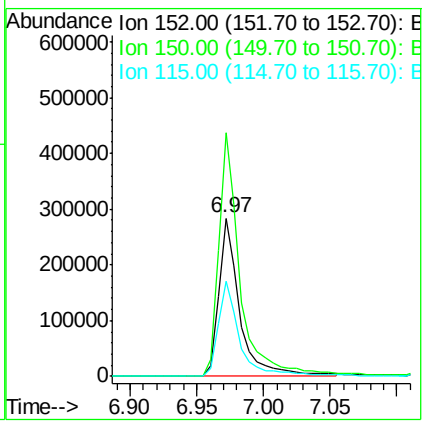


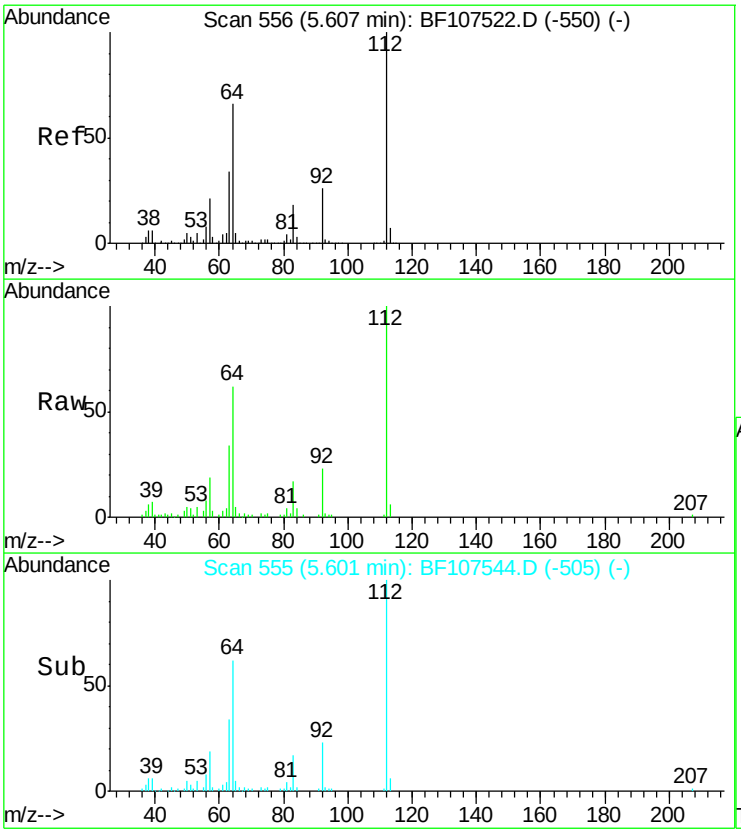
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107544.D
Acq: 21 Jul 2018 00:30

Instrument :
BNA_F
ClientSampleId :
OILY-STONES

Tgt Ion:152 Resp: 315587

Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.6	186.8
115	60.4	50.1	75.1

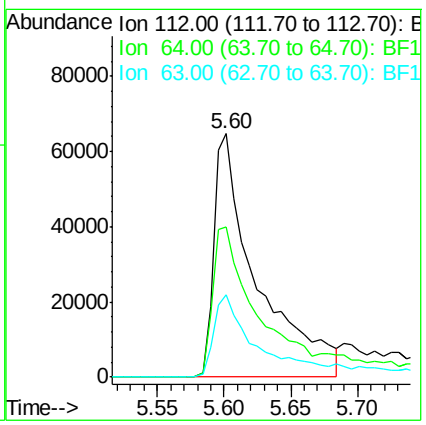


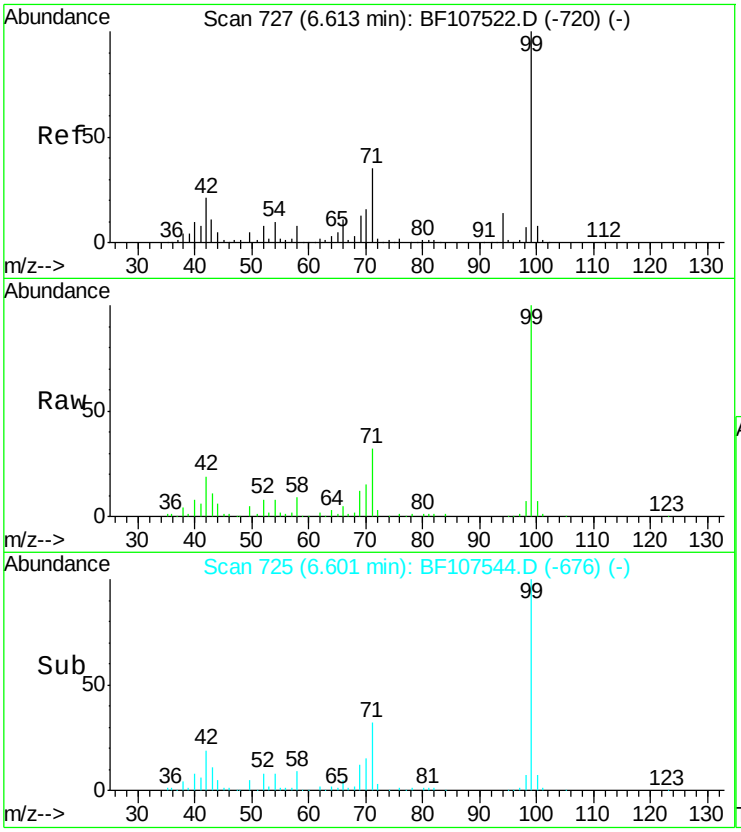


#5
2-Fluorophenol
Concen: 7.425 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107544.D
Acq: 21 Jul 2018 00:30

Tgt Ion:112 Resp: 145741

Ion	Ratio	Lower	Upper
112	100		
64	61.9	47.9	71.9
63	34.1	23.7	35.5



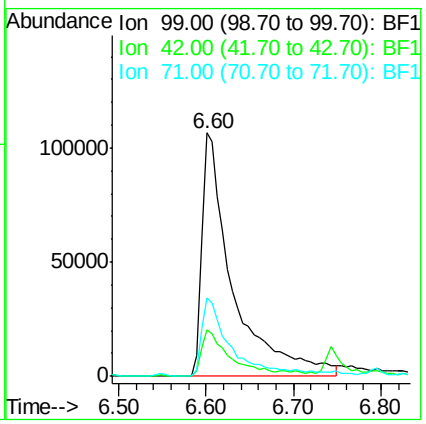


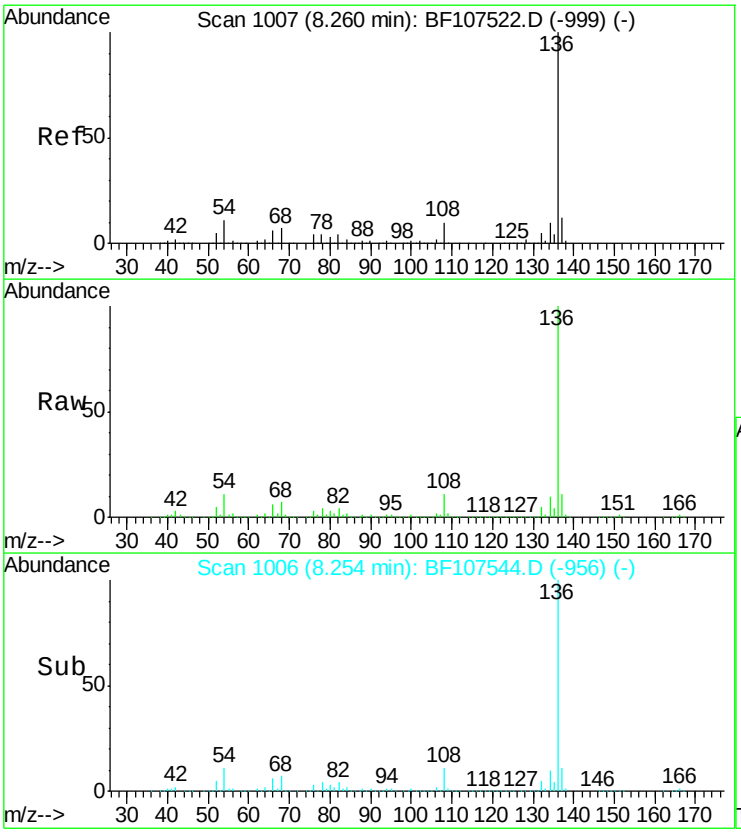
#7
Phenol-d6
Concen: 11.050 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107544.D
Acq: 21 Jul 2018 00:30

Instrument :
BNA_F
ClientSampleId :
OILY-STONES

Tgt Ion: 99 Resp: 260426

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	32.0	25.4	38.0

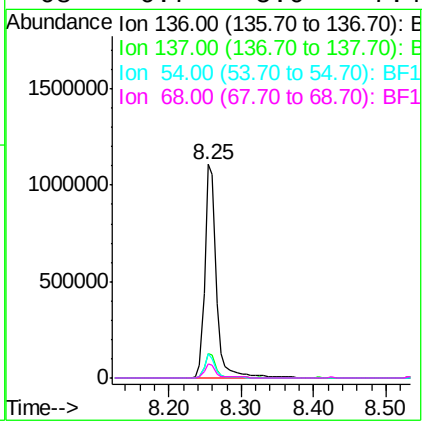


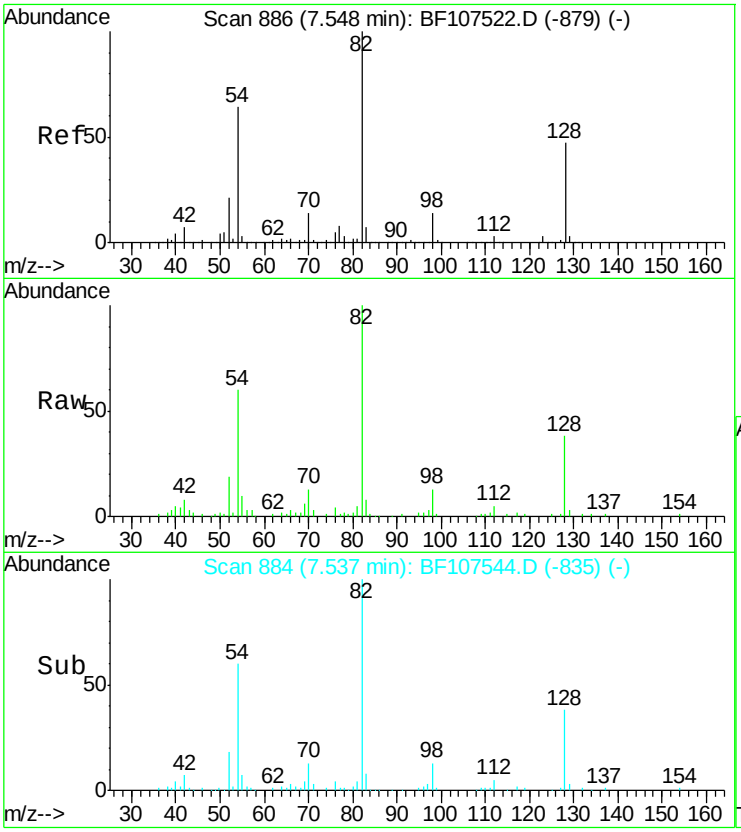


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF107544.D
Acq: 21 Jul 2018 00:30

Tgt Ion:136 Resp: 1231885

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	11.1	6.6	9.8#
68	6.7	5.0	7.4



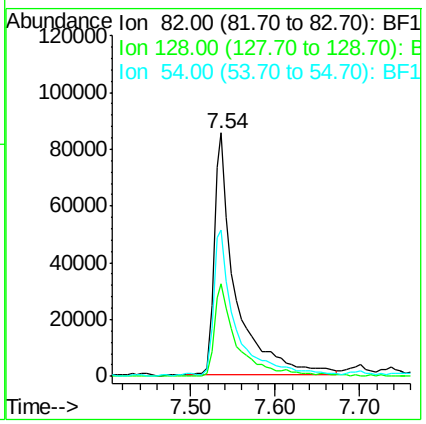


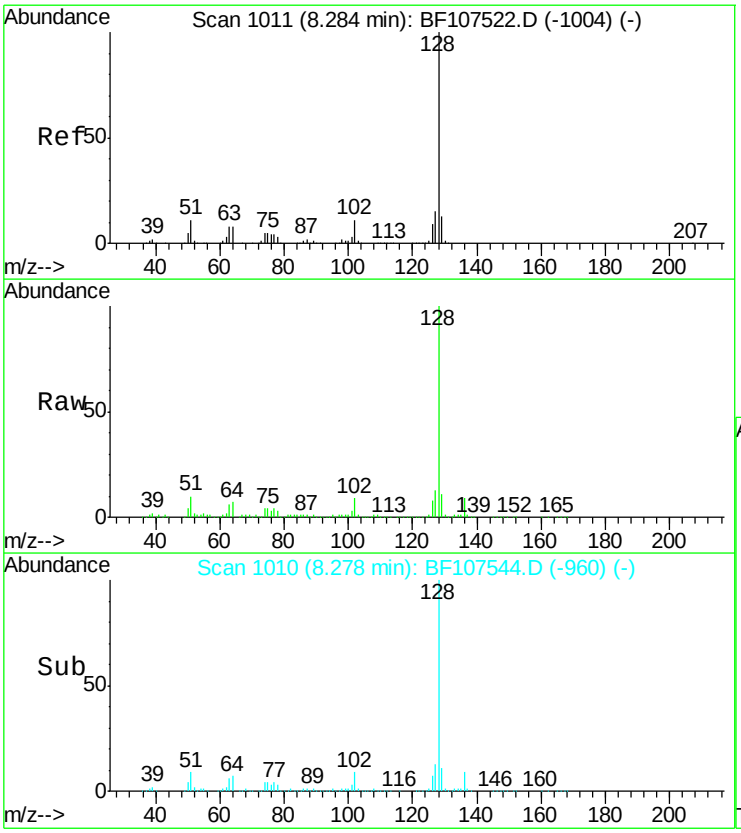
#23
Nitrobenzene-d5
Concen: 8.238 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107544.D
Acq: 21 Jul 2018 00:30

Instrument :
BNA_F
ClientSampleId :
OILY-STONES

Tgt Ion: 82 Resp: 150374

Ion	Ratio	Lower	Upper
82	100		
128	38.2	36.1	54.1
54	60.2	41.4	62.2

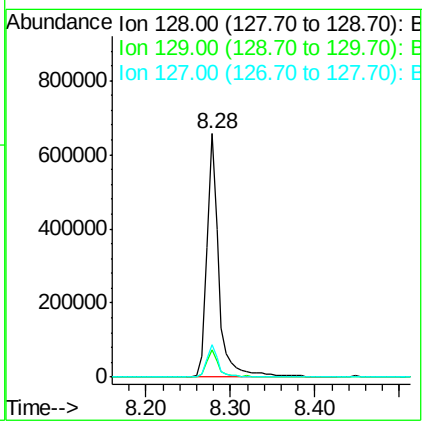


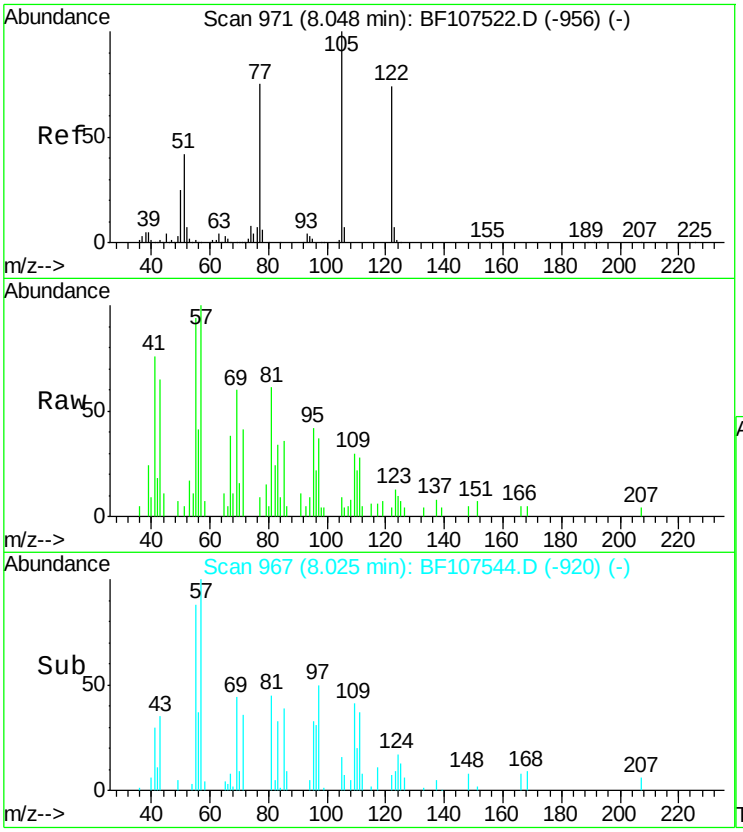


#31
Naphthalene
Concen: 12.073 ng
RT: 8.28 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF107544.D
Acq: 21 Jul 2018 00:30

Tgt Ion:128 Resp: 654000

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.5	10.9	16.3



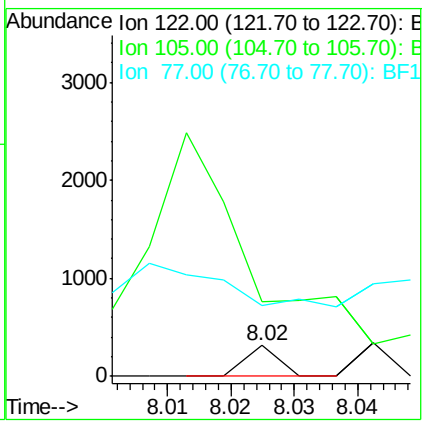


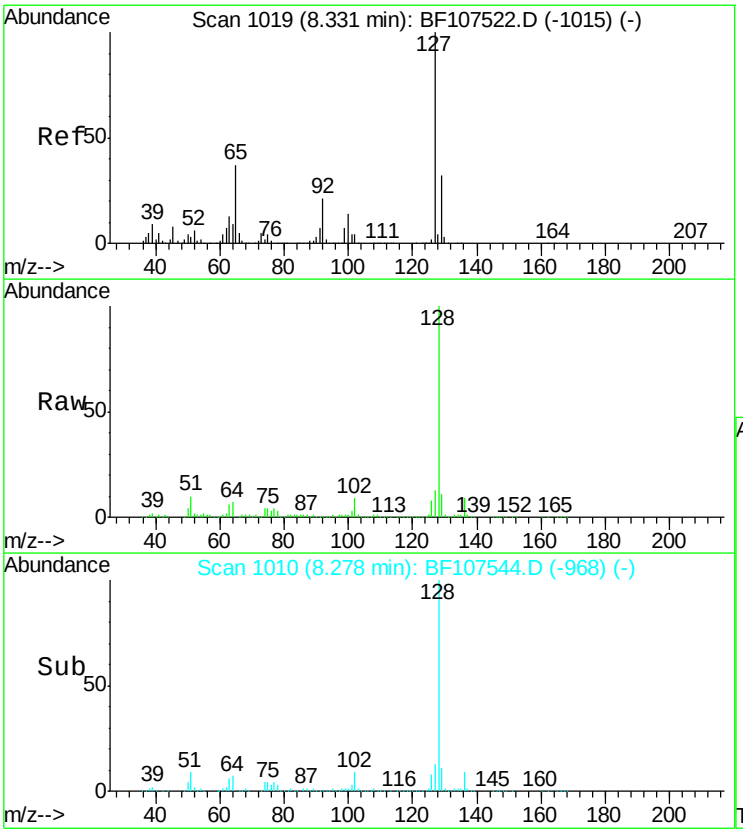
#32
Benzoic acid
Concen: 7.908 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF107544.D
Acq: 21 Jul 2018 00:30

Instrument :
BNA_F
ClientSampleId :
OILY-STONES

Tgt Ion:122 Resp: 112

Ion	Ratio	Lower	Upper
122	100		
105	243.0	101.1	141.1#
77	226.9	70.7	110.7#

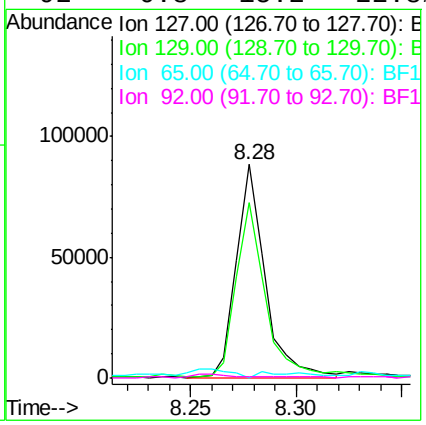


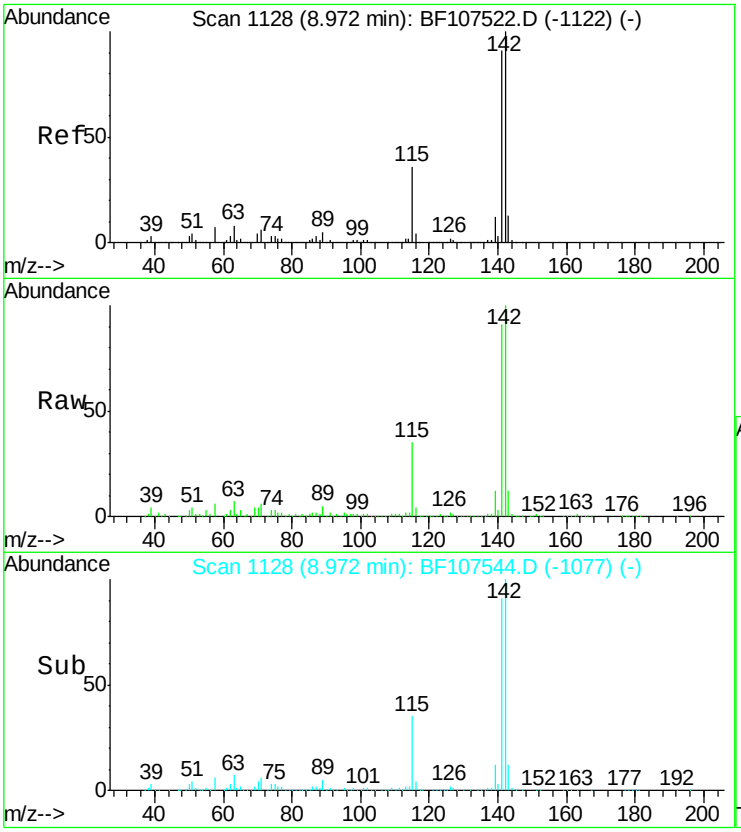


#33
4-Chloroaniline
Concen: 3.536 ng
RT: 8.28 min Scan# 1010
Delta R.T. -0.05 min
Lab File: BF107544.D
Acq: 21 Jul 2018 00:30

Tgt Ion:127 Resp: 83713

Ion	Ratio	Lower	Upper
127	100		
129	82.4	25.9	38.9#
65	0.0	25.0	37.4#
92	0.8	15.2	22.8#



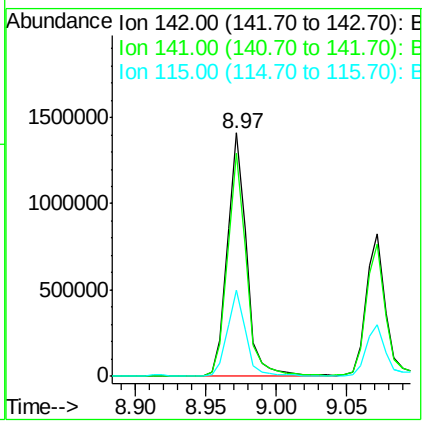


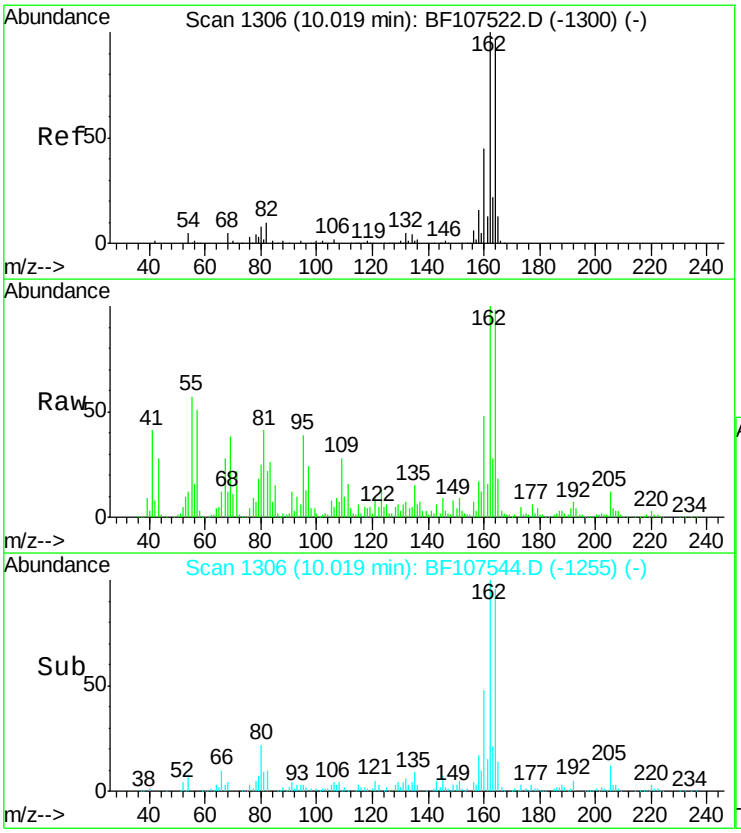
#37
2-Methylnaphthalene
Concen: 35.671 ng
RT: 8.97 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF107544.D
Acq: 21 Jul 2018 00:30

Instrument :
BNA_F
ClientSampleId :
OILY-STONES

Tgt Ion:142 Resp: 1339034

Ion	Ratio	Lower	Upper
142	100		
141	91.5	70.8	106.2
115	35.4	26.1	39.1

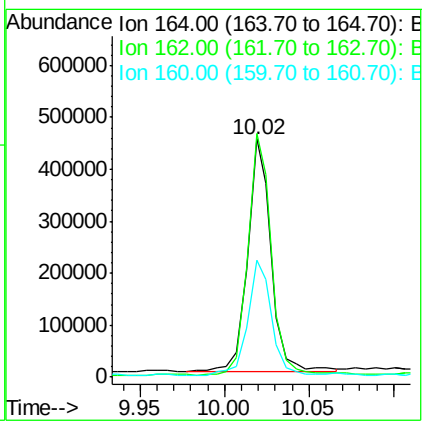


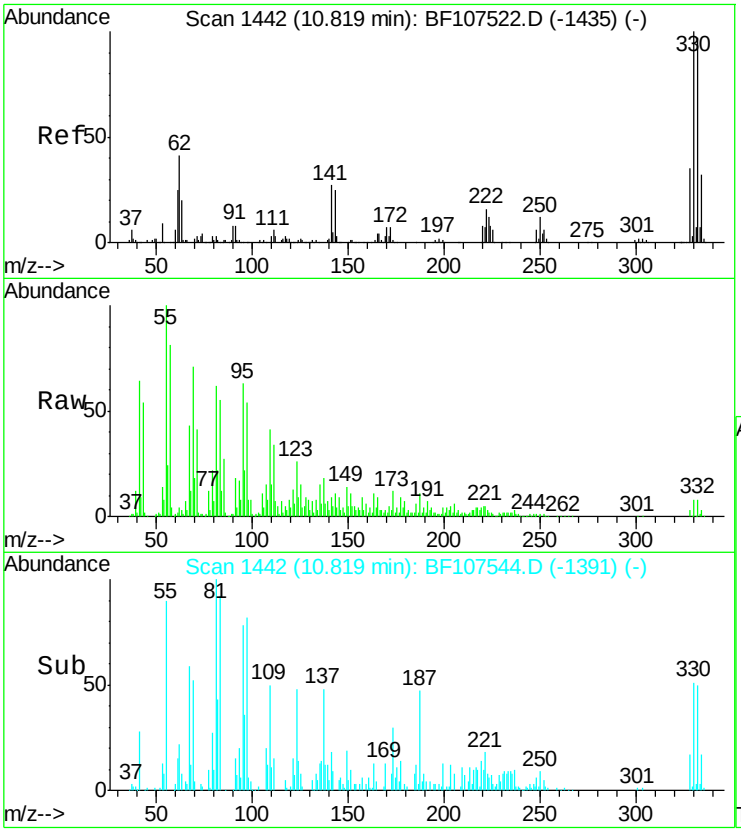


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF107544.D
Acq: 21 Jul 2018 00:30

Tgt Ion:164 Resp: 432909

Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	48.8	38.3	57.5



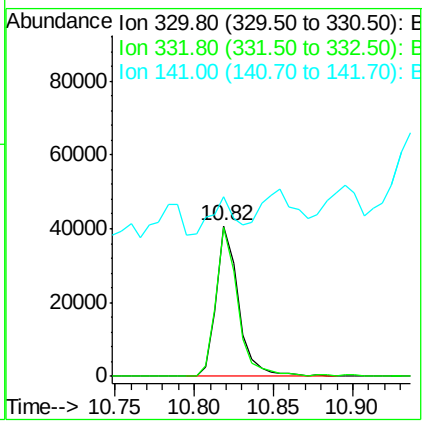


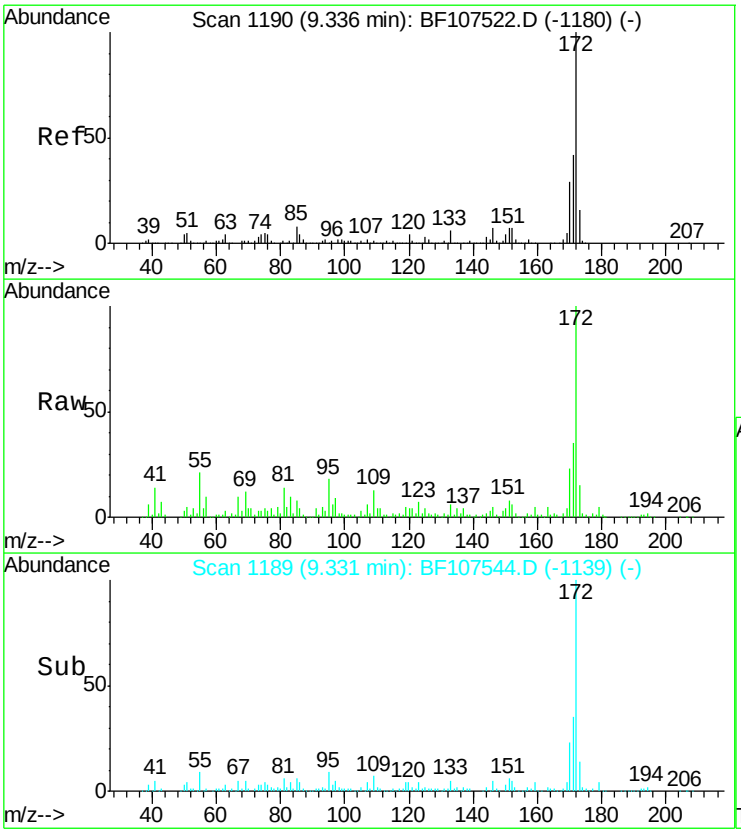
#41
2,4,6-Tribromophenol
Concen: 8.137 ng
RT: 10.82 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF107544.D
Acq: 21 Jul 2018 00:30

Instrument :
BNA_F
ClientSampleId :
OILY-STONES

Tgt Ion:330 Resp: 40058

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	22.7	29.9	44.9#

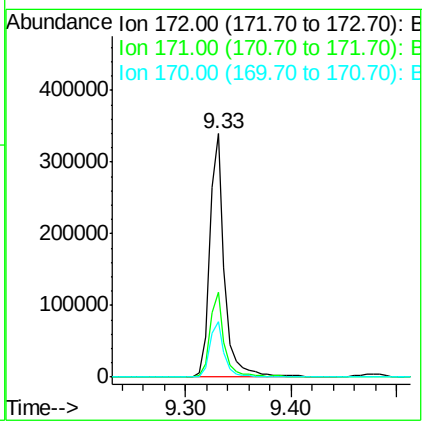


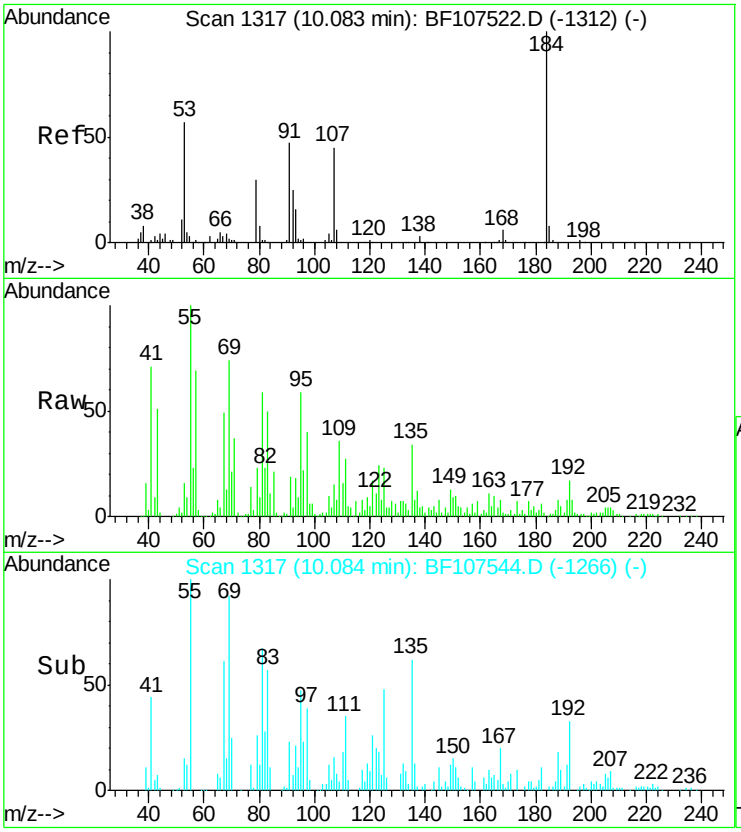


#44
2-Fluorobiphenyl
Concen: 6.733 ng
RT: 9.33 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF107544.D
Acq: 21 Jul 2018 00:30

Tgt Ion:172 Resp: 327551

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.7	44.5
170	22.7	19.6	29.4



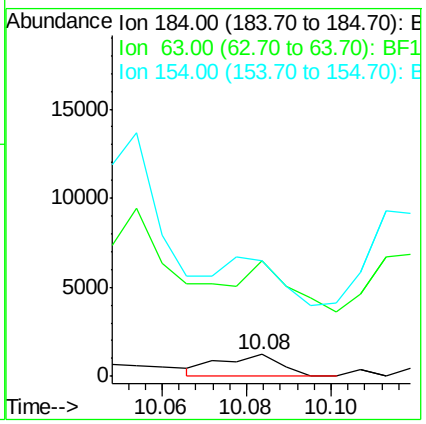


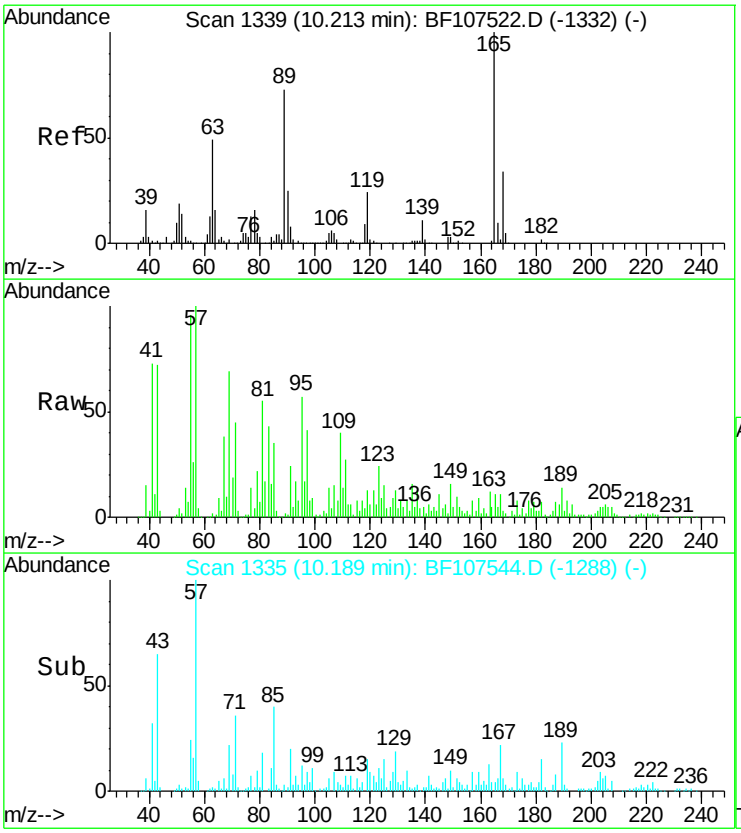
#53
2,4-Dinitrophenol
Concen: 8.835 ng
RT: 10.08 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF107544.D
Acq: 21 Jul 2018 00:30

Instrument :
BNA_F
ClientSampleId :
OILY-STONES

Tgt Ion:184 Resp: 1226

Ion	Ratio	Lower	Upper
184	100		
63	535.8	54.2	81.2#
154	539.1	184.0	276.0#

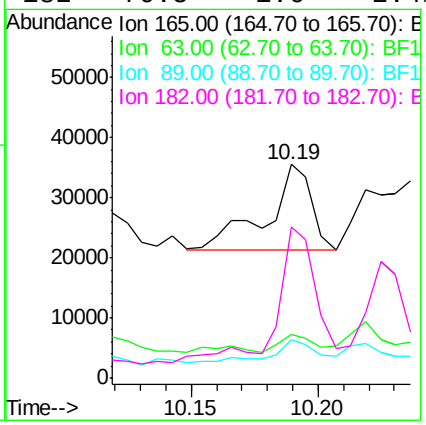


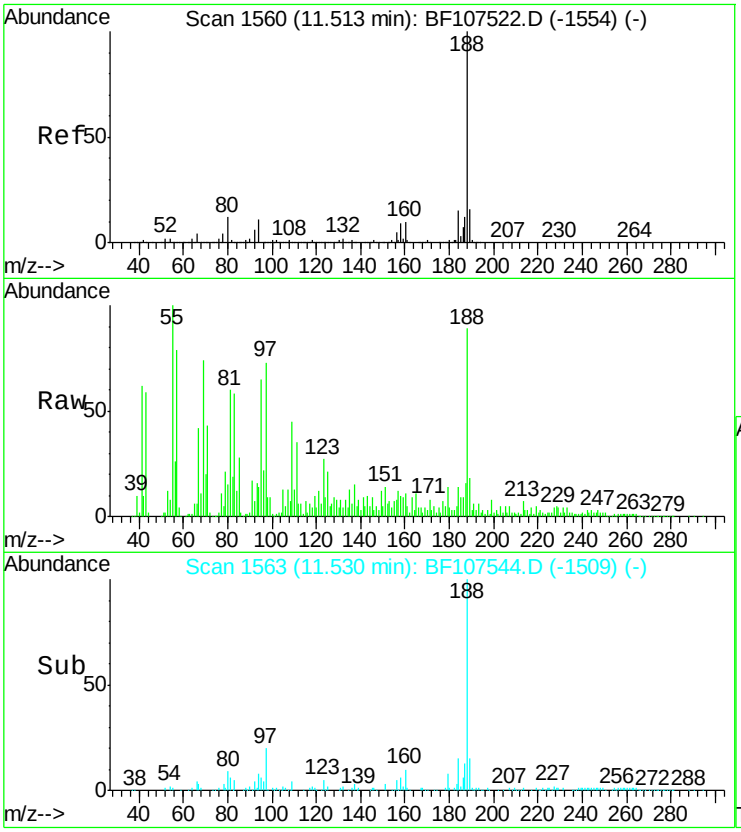


#56
2,4-Dinitrotoluene
Concen: 2.239 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF107544.D
Acq: 21 Jul 2018 00:30

Tgt Ion:165 Resp: 17504

Ion	Ratio	Lower	Upper
165	100		
63	20.5	36.4	54.6#
89	17.8	57.8	86.6#
182	70.5	1.6	2.4#



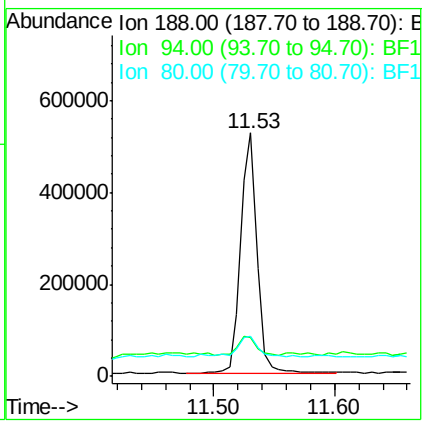


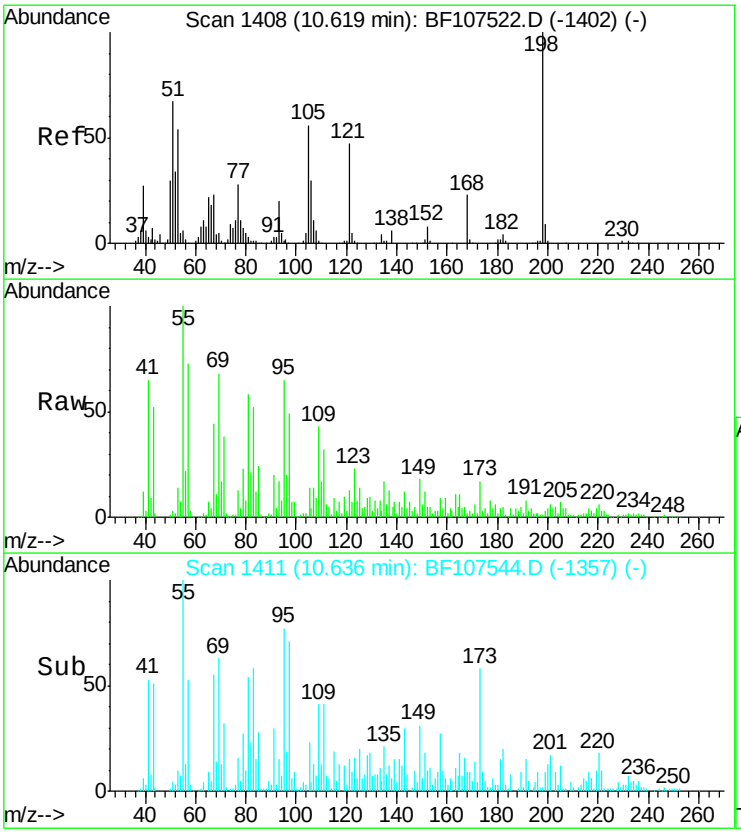
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.53 min Scan# 1563
Delta R.T. 0.02 min
Lab File: BF107544.D
Acq: 21 Jul 2018 00:30

Instrument :
BNA_F
ClientSampleId :
OILY-STONES

Tgt Ion:188 Resp: 494040

Ion	Ratio	Lower	Upper
188	100		
94	16.1	8.5	12.7#
80	16.5	9.2	13.8#

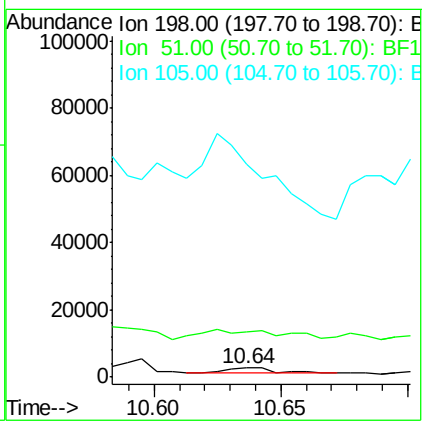


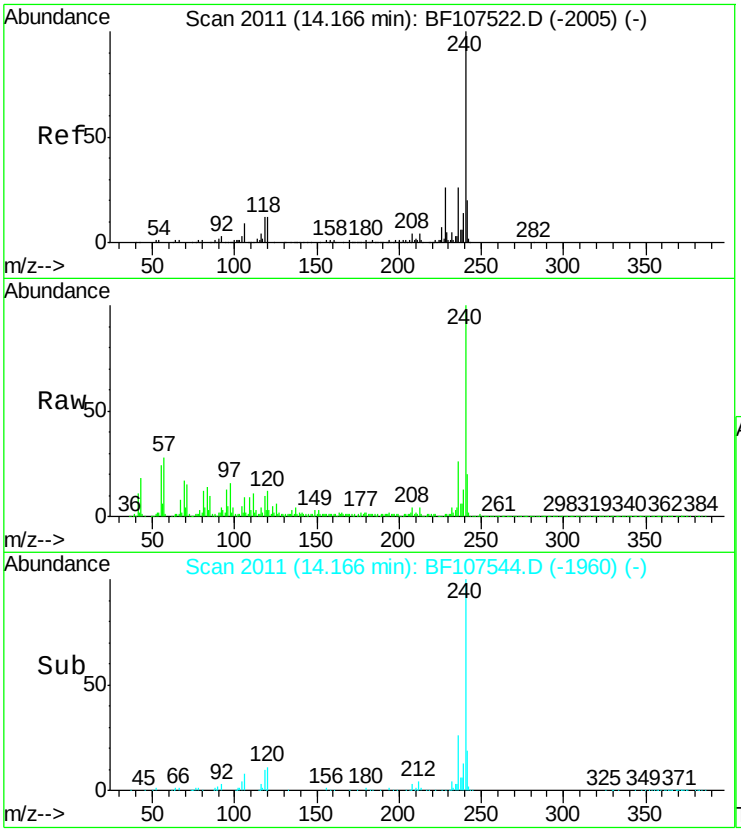


#64
4,6-Dinitro-2-methylphenol
Concen: 9.439 ng
RT: 10.64 min Scan# 1411
Delta R.T. 0.02 min
Lab File: BF107544.D
Acq: 21 Jul 2018 00:30

Tgt Ion:198 Resp: 2209

Ion	Ratio	Lower	Upper
198	100		
51	486.5	37.7	77.7#
105	2315.3	36.3	76.3#



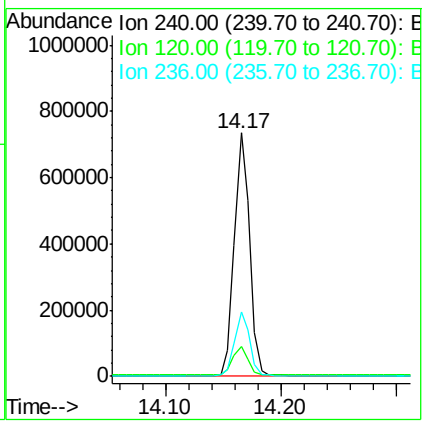


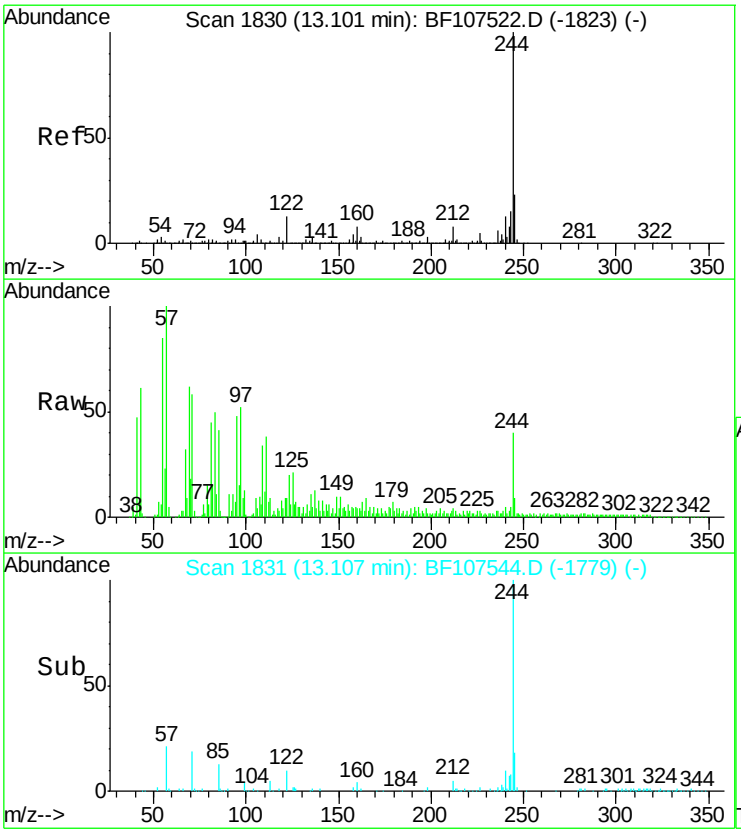
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BF107544.D
Acq: 21 Jul 2018 00:30

Instrument :
BNA_F
ClientSampleId :
OILY-STONES

Tgt Ion:240 Resp: 674296

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	26.5	20.7	31.1

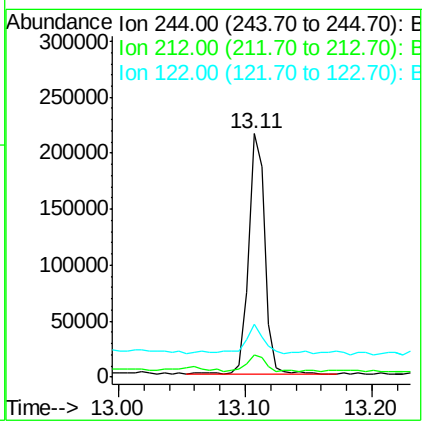


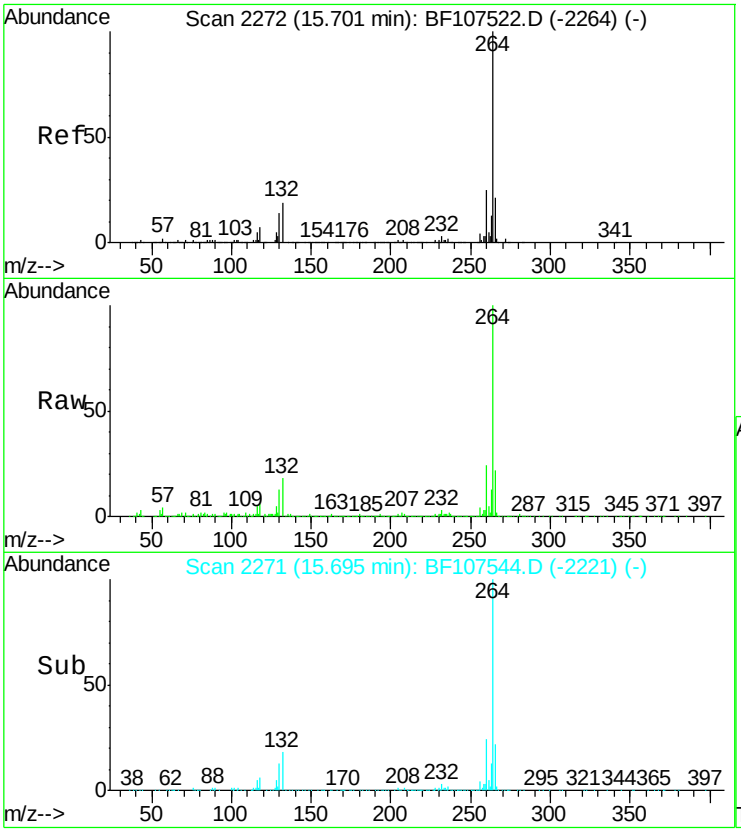


#78
Terphenyl-d14
Concen: 7.308 ng
RT: 13.11 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF107544.D
Acq: 21 Jul 2018 00:30

Tgt Ion:244 Resp: 192493

Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.4	8.0#
122	21.7	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: BF107544.D
Acq: 21 Jul 2018 00:30

Instrument :
BNA_F
ClientSampleId :
OILY-STONES

Tgt Ion:264 Resp: 797600

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.7	17.5	26.3