

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
 Data File : BF114408.D
 Acq On : 19 May 2019 00:06
 Operator : JU/SJ
 Sample : K2869-13
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-MANHOLE

Quant Time: May 20 08:06:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

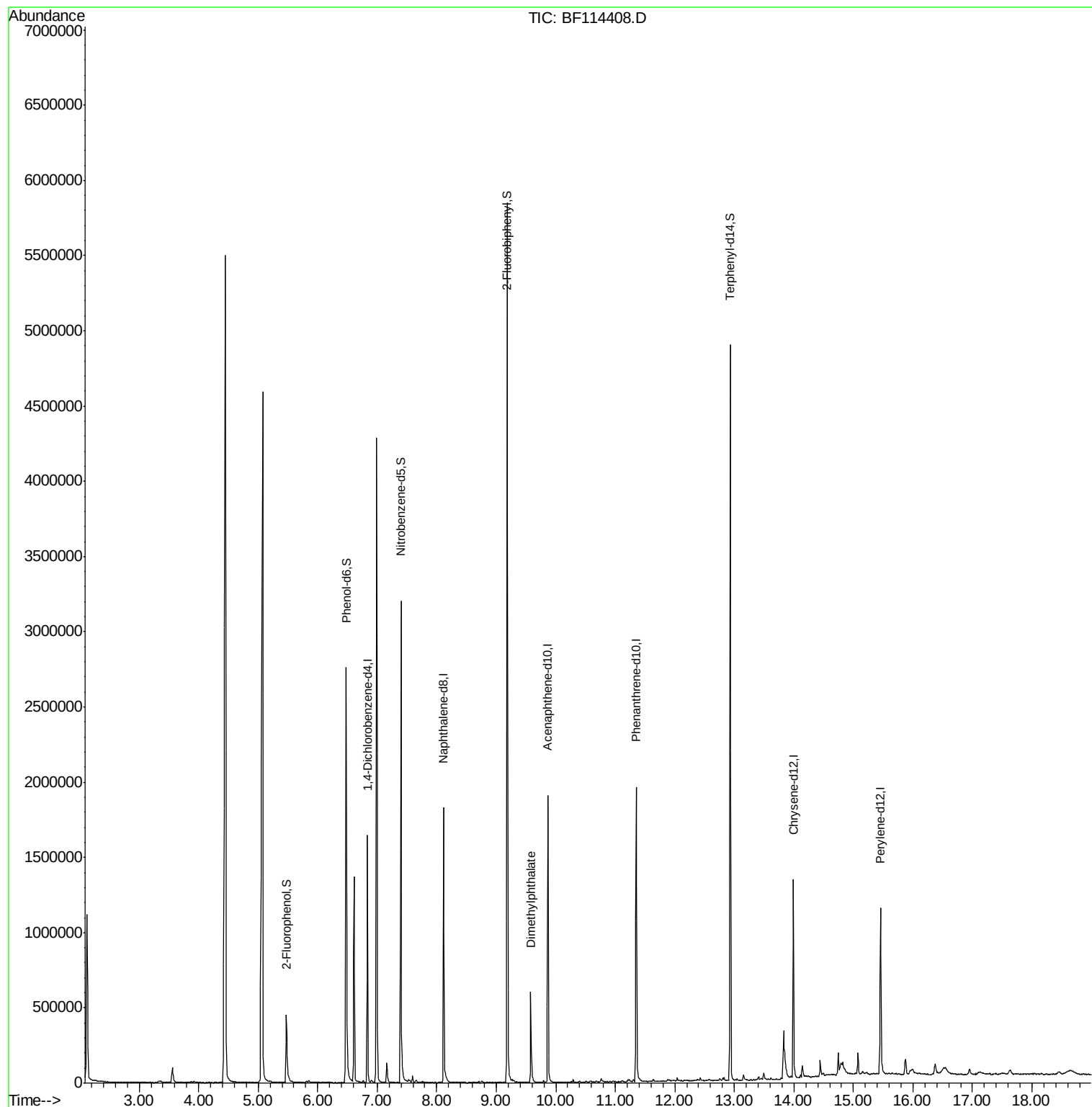
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	235116	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	888623	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	400067	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	776160	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	456552	20.00	ng	-0.03
87) Perylene-d12	15.46	264	521251	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	170099	11.64	ng	0.00
7) Phenol-d6	6.48	99	1084059	62.74	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1065656	67.30	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	1254	0.30	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1895914	71.69	ng	-0.02
79) Terphenyl-d14	12.93	244	1684568	76.06	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.58	163	325891	11.097	ng	Qvalue 99

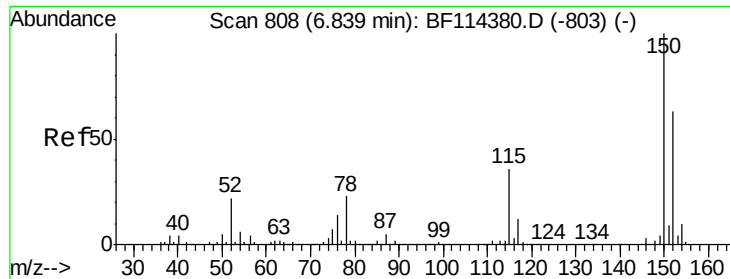
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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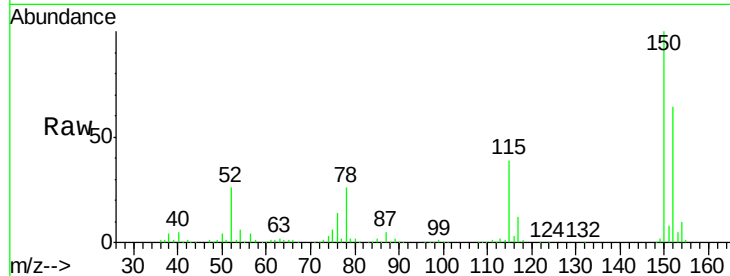


#1

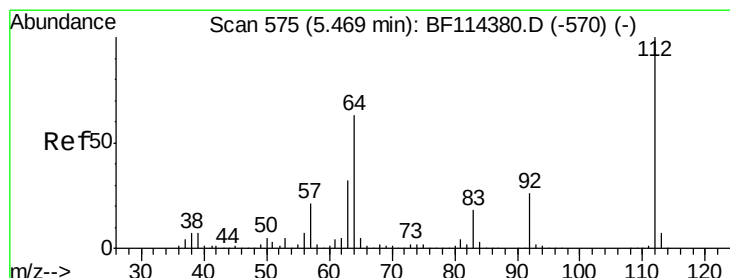
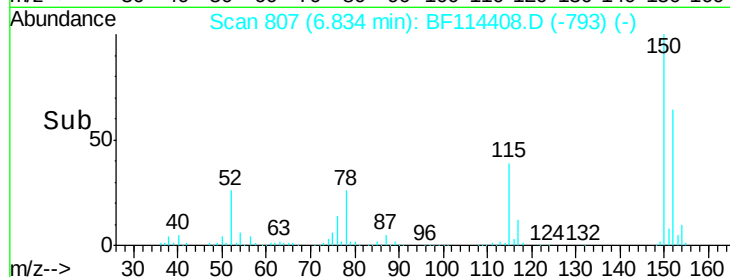
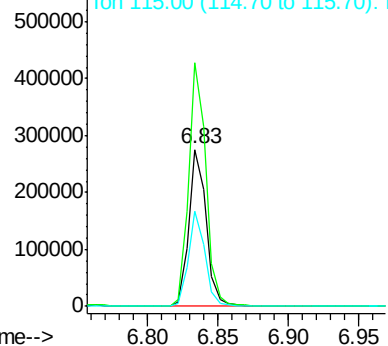
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF114408.D
Acq: 19 May 2019 00:06

Instrument :
BNA_F
ClientSampleId :
CONCRETE-MANHOLE

Tgt Ion:152 Resp: 235116
Ion Ratio Lower Upper
152 100
150 155.3 124.3 186.5
115 60.7 49.1 73.7



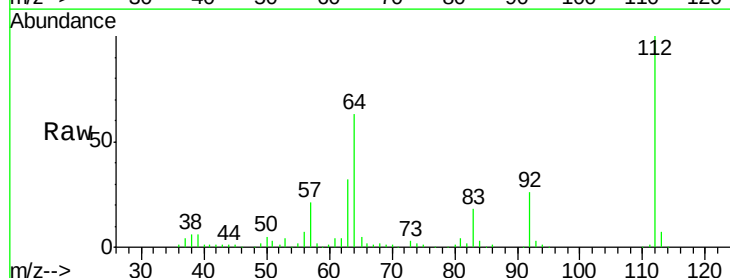
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



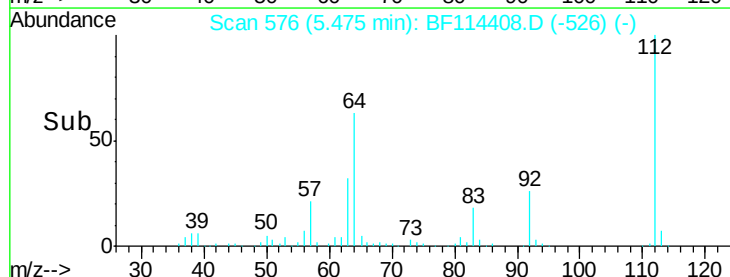
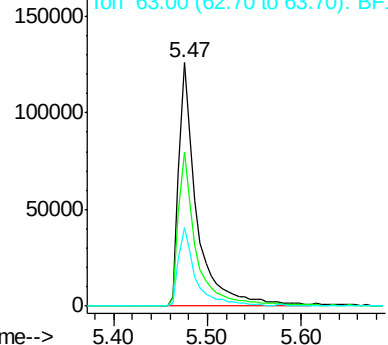
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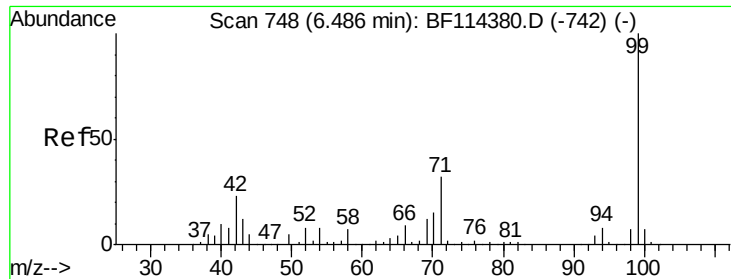
2-Fluorophenol
Concen: 11.642 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF114408.D
Acq: 19 May 2019 00:06

Tgt Ion:112 Resp: 170099
Ion Ratio Lower Upper
112 100
64 63.4 49.0 73.6
63 32.2 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 62.735 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114408.D

Acq: 19 May 2019 00:06

Instrument :

BNA_F

ClientSampleId :

CONCRETE-MANHOLE

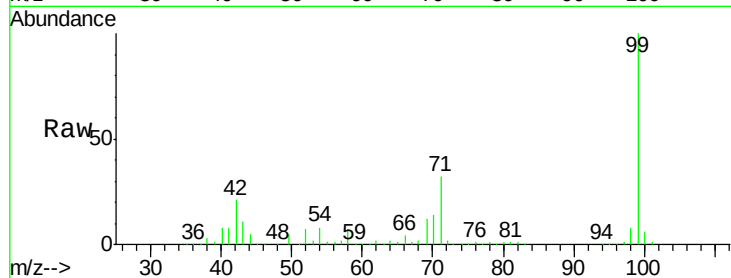
Tgt Ion: 99 Resp: 1084059

Ion Ratio Lower Upper

99 100

42 20.7 17.9 26.9

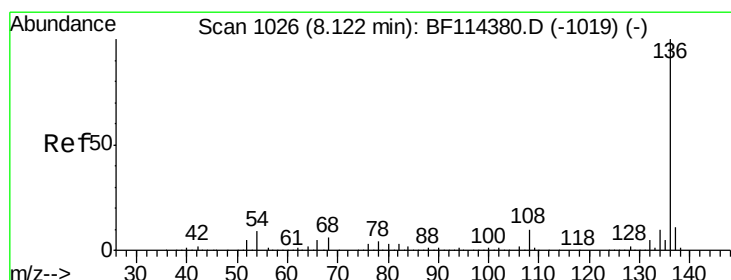
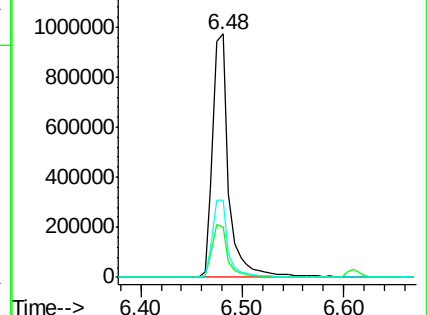
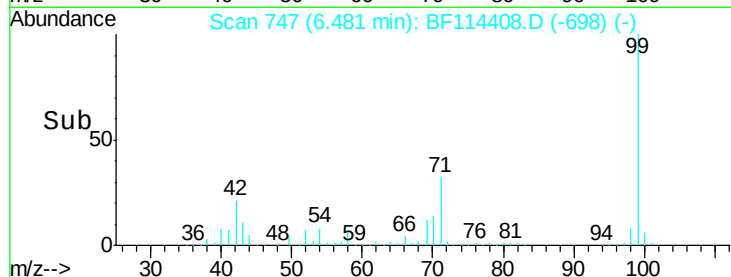
71 31.6 26.2 39.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF114408.D

Acq: 19 May 2019 00:06

Tgt Ion: 136 Resp: 888623

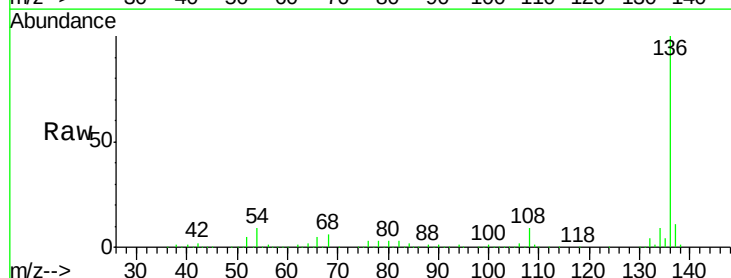
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.5 7.8 11.8

68 5.8 5.1 7.7

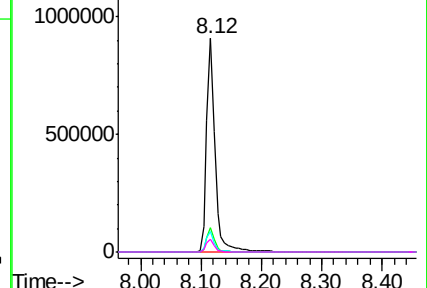
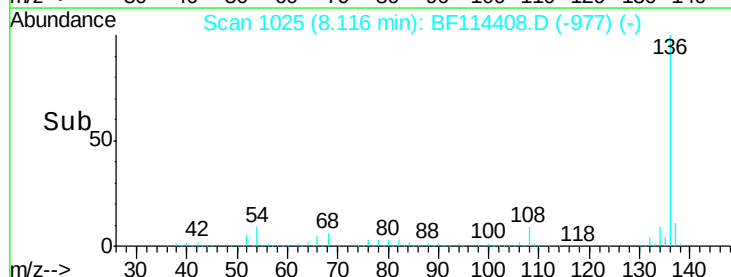


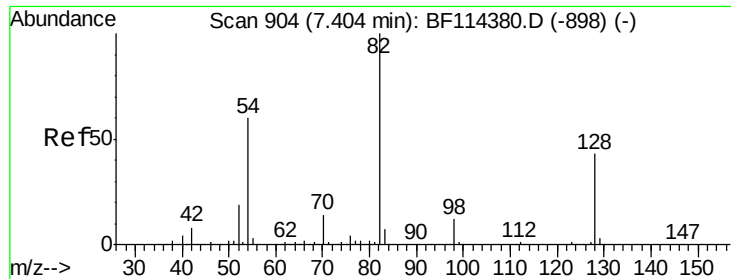
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

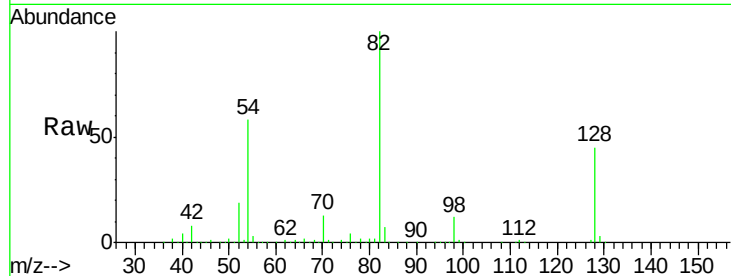




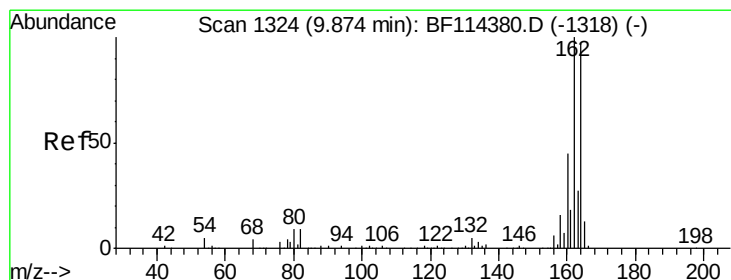
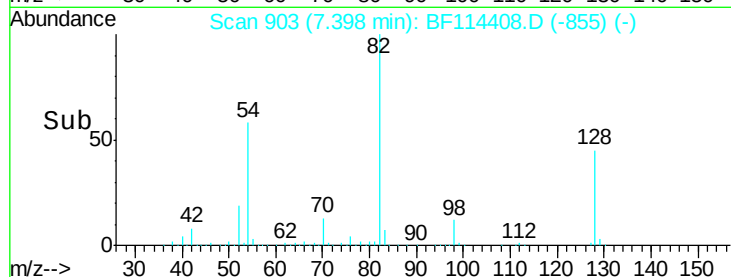
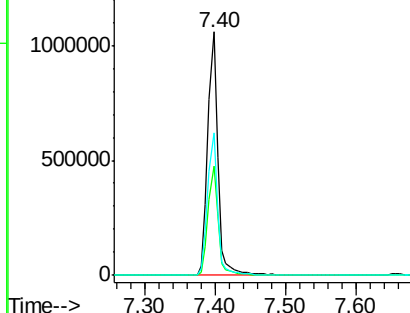
#23
Nitrobenzene-d5
Concen: 67.300 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF114408.D
Acq: 19 May 2019 00:06

Instrument :
BNA_F
ClientSampleId :
CONCRETE-MANHOLE

Tgt Ion: 82 Resp: 1065656
Ion Ratio Lower Upper
82 100
128 44.7 35.5 53.3
54 58.3 48.5 72.7

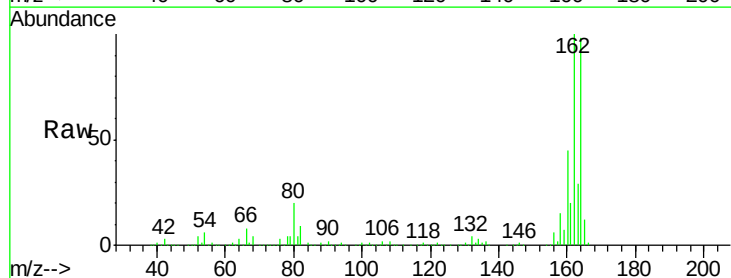


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

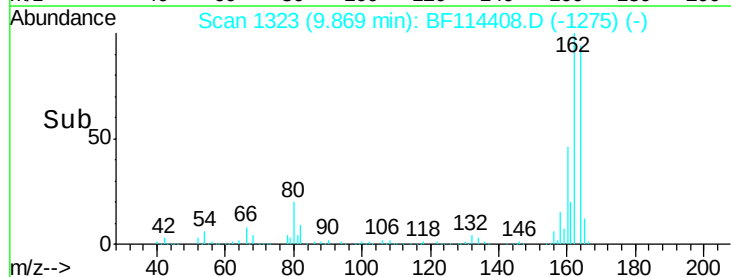
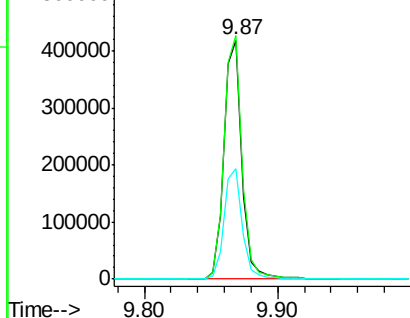


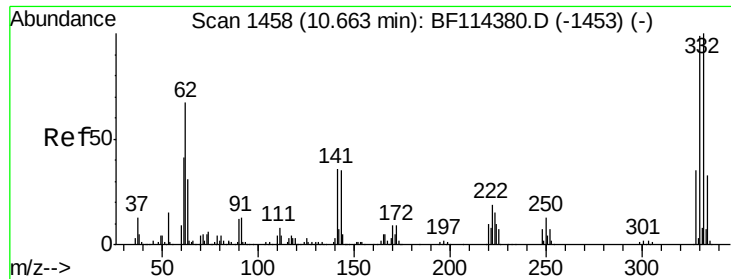
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF114408.D
Acq: 19 May 2019 00:06

Tgt Ion: 164 Resp: 400067
Ion Ratio Lower Upper
164 100
162 102.0 80.6 120.8
160 46.3 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

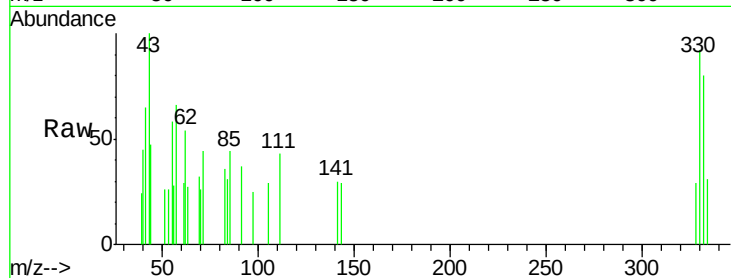




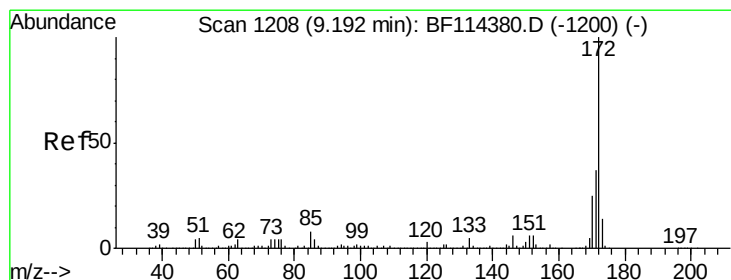
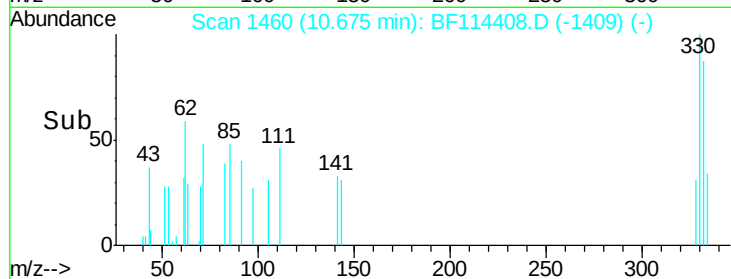
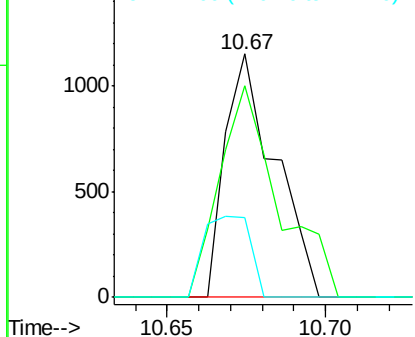
#42
 2,4,6-Tribromophenol
 Concen: 0.303 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF114408.D
 Acq: 19 May 2019 00:06

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-MANHOLE

Tgt Ion:330 Resp: 1254
 Ion Ratio Lower Upper
 330 100
 332 102.9 81.4 122.2
 141 31.2 26.6 40.0

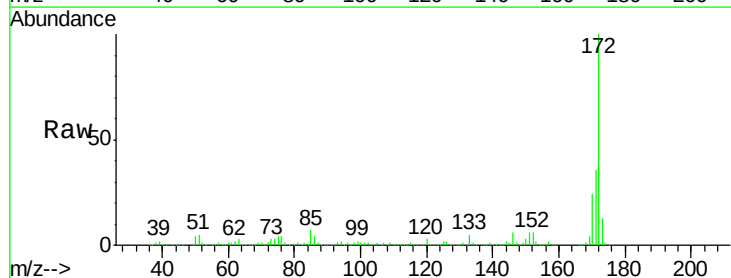


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

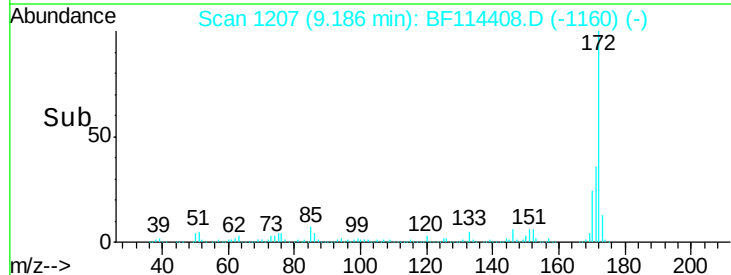
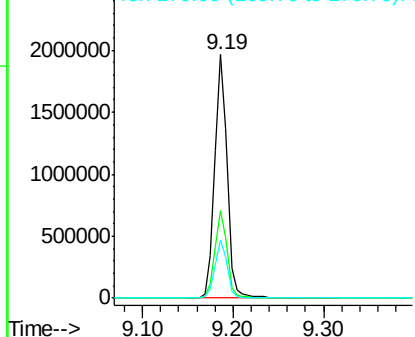


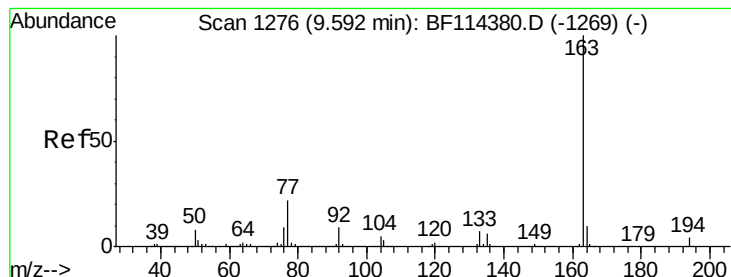
#45
 2-Fluorobiphenyl
 Concen: 71.685 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF114408.D
 Acq: 19 May 2019 00:06

Tgt Ion:172 Resp: 1895914
 Ion Ratio Lower Upper
 172 100
 171 35.9 30.7 46.1
 170 23.8 20.5 30.7



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 11.097 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.03 min

Lab File: BF114408.D

Acq: 19 May 2019 00:06

Instrument :

BNA_F

ClientSampleId :

CONCRETE-MANHOLE

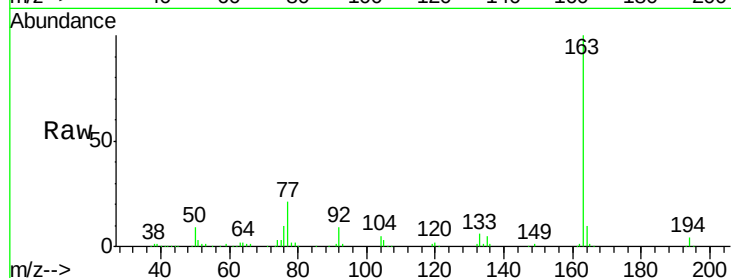
Tgt Ion:163 Resp: 325891

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

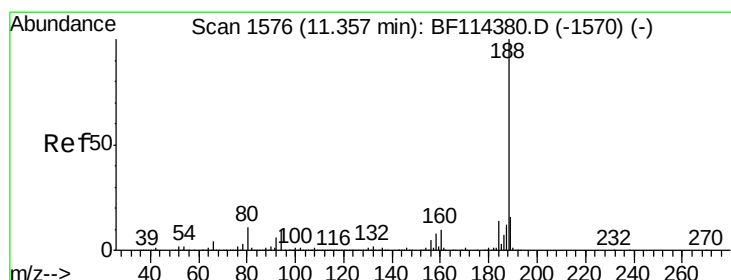
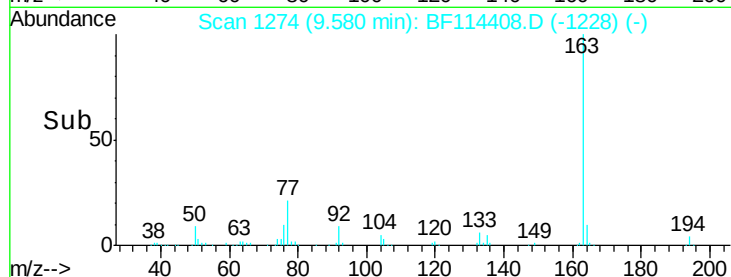
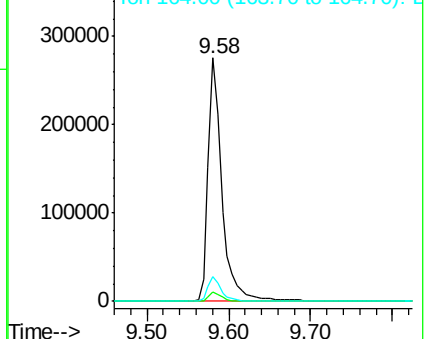
164 9.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF114408.D

Acq: 19 May 2019 00:06

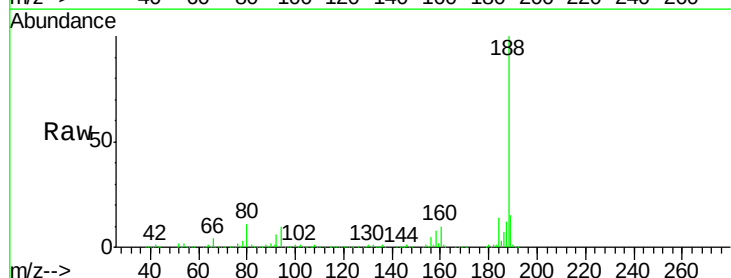
Tgt Ion:188 Resp: 776160

Ion Ratio Lower Upper

188 100

94 9.9 8.4 12.6

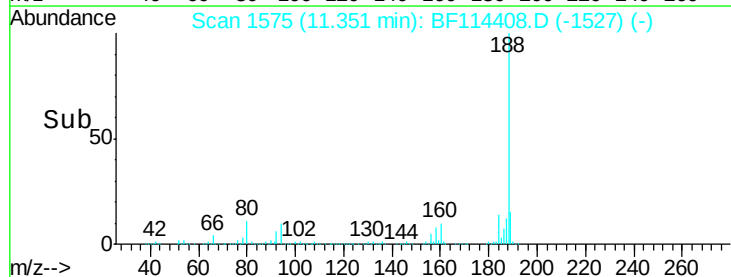
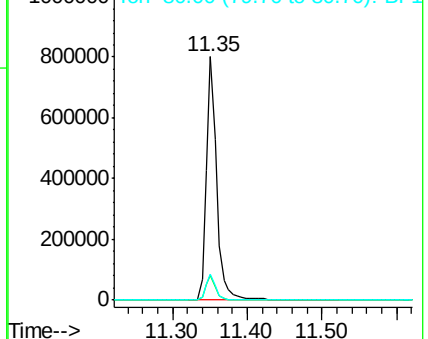
80 10.5 9.2 13.8

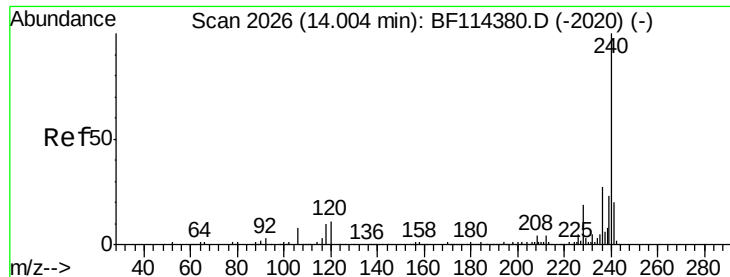


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

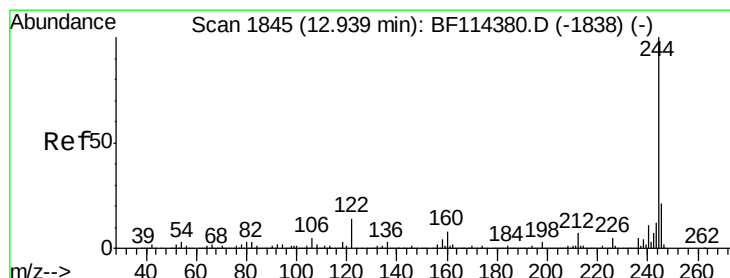
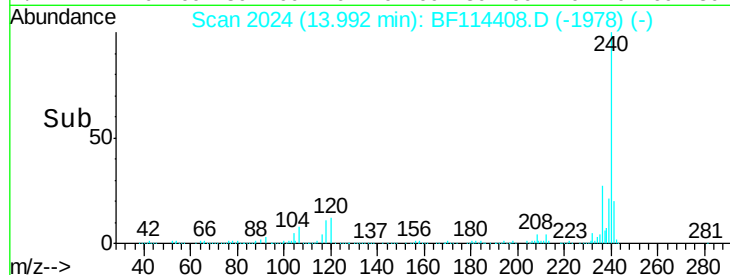
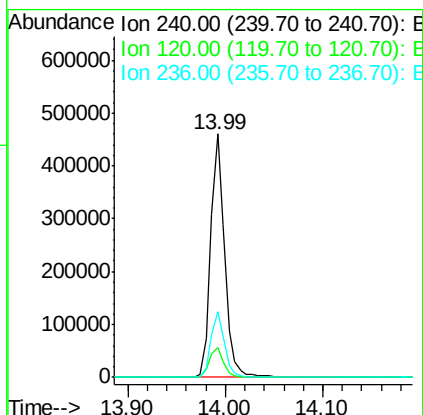
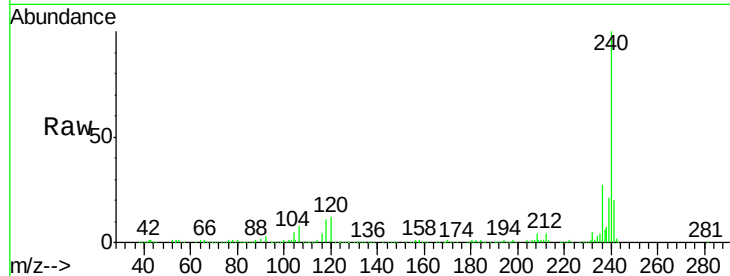




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.03 min
Lab File: BF114408.D
Acq: 19 May 2019 00:06

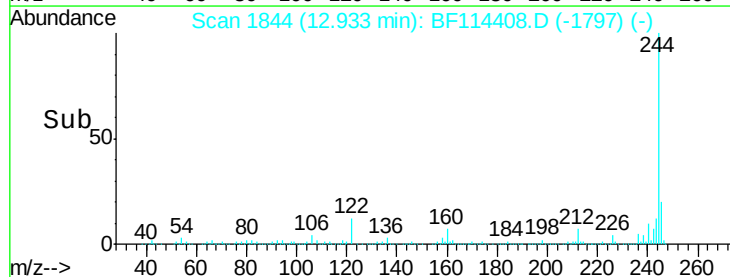
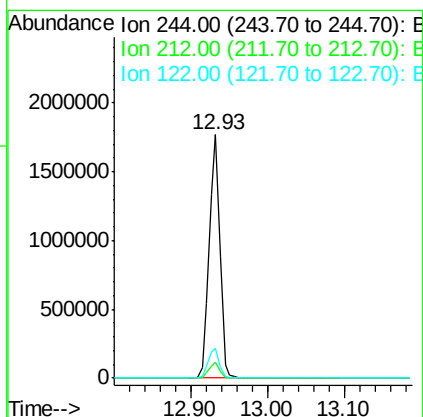
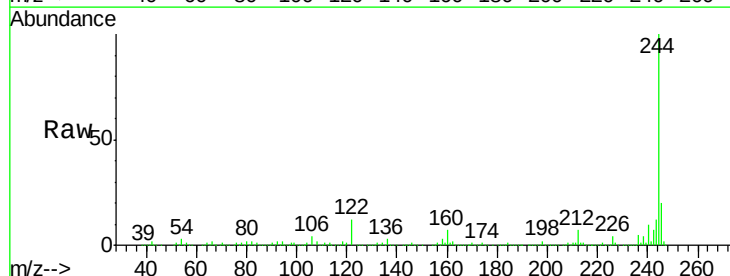
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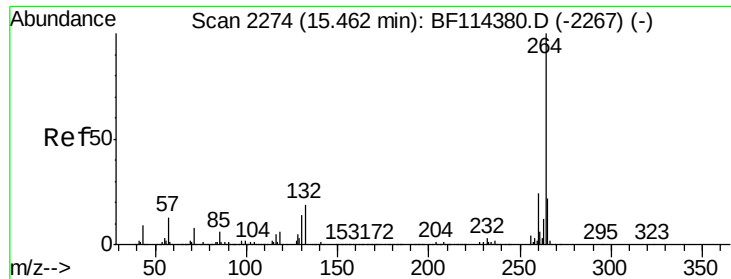
Tgt Ion:240 Resp: 456552
Ion Ratio Lower Upper
240 100
120 12.1 8.3 12.5
236 27.0 20.8 31.2



#79
Terphenyl-d14
Concen: 76.062 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BF114408.D
Acq: 19 May 2019 00:06

Tgt Ion:244 Resp: 1684568
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.6
122 12.1 9.4 14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.05 min
Lab File: BF114408.D
Acq: 19 May 2019 00:06

Instrument :
BNA_F
ClientSampleId :
CONCRETE-MANHOLE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.0	16.9	25.3

