

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114327.D
 Acq On : 17 May 2019 00:11
 Operator : JU/SJ
 Sample : K2867-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-C

Quant Time: May 17 08:48:09 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	6.85	152	202182	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	773054	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	353715	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	676161	20.00	ng	0.00
76) Chrysene-d12	14.02	240	469630	20.00	ng	0.00
87) Perylene-d12	15.49	264	542767	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	936951	74.58	ng	0.00
7) Phenol-d6	6.49	99	1351533	90.95	ng	0.00
23) Nitrobenzene-d5	7.41	82	868023	63.01	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	181188	49.55	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1565618	66.95	ng	0.00
79) Terphenyl-d14	12.95	244	1417945	62.24	ng	0.00

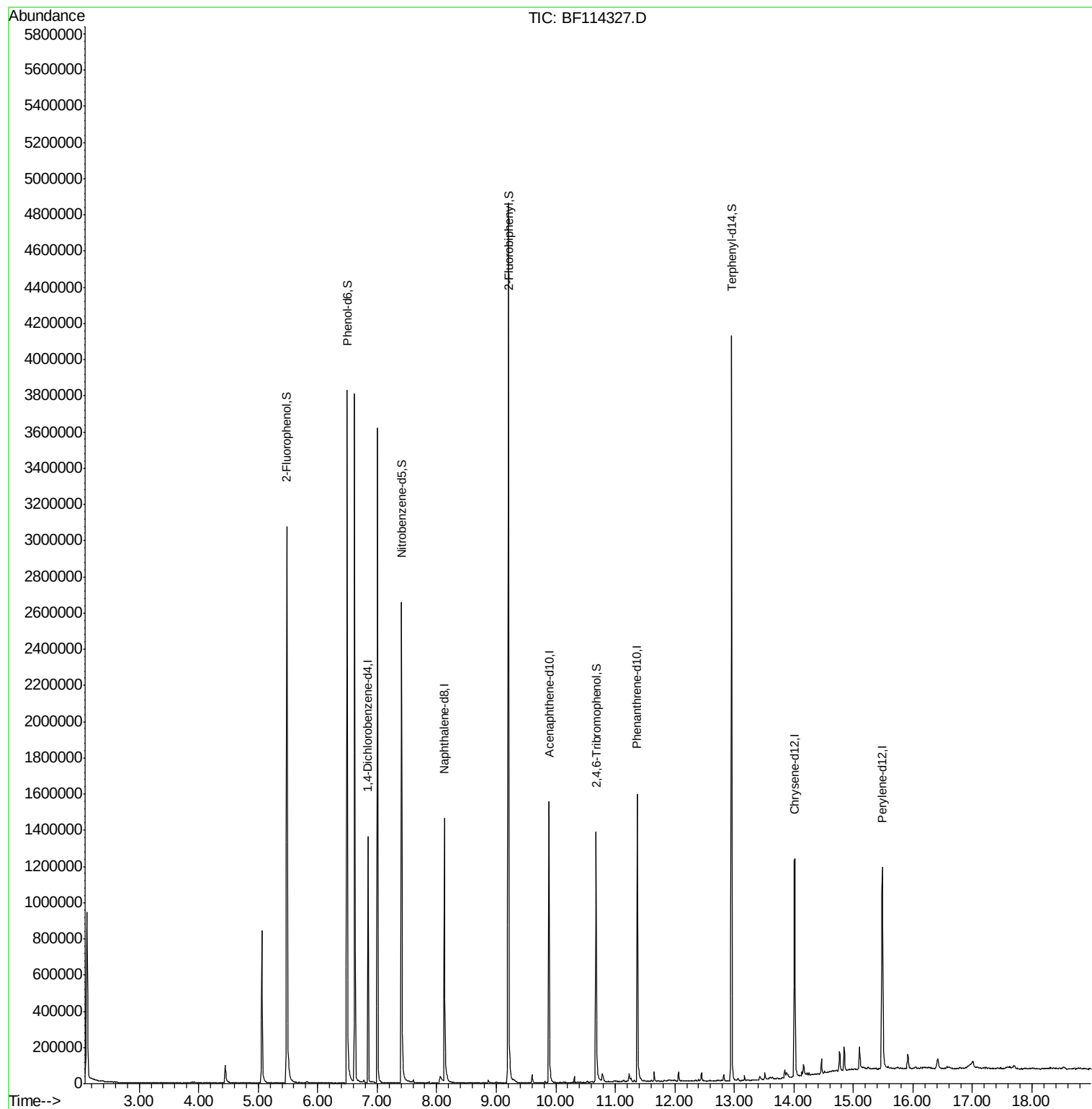
Target Compounds Qvalue

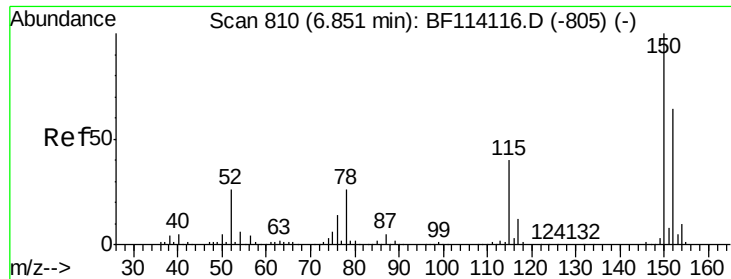
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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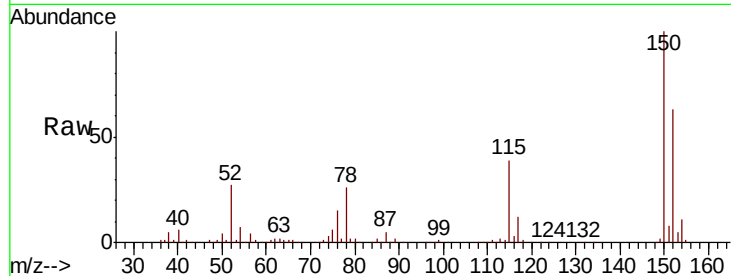


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114327.D
Acq: 17 May 2019 00:11

Instrument :
BNA_F
ClientSampleId :
CONCRETE-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.3	186.5
115	62.3	49.1	73.7

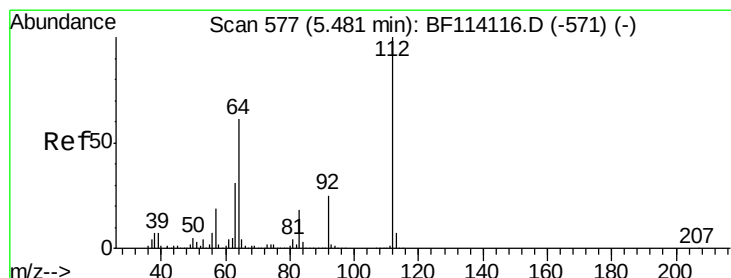
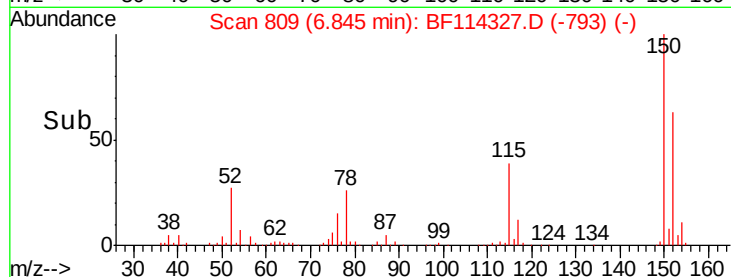
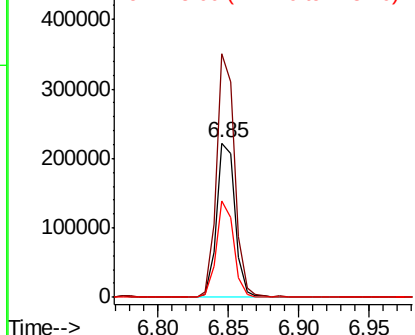


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

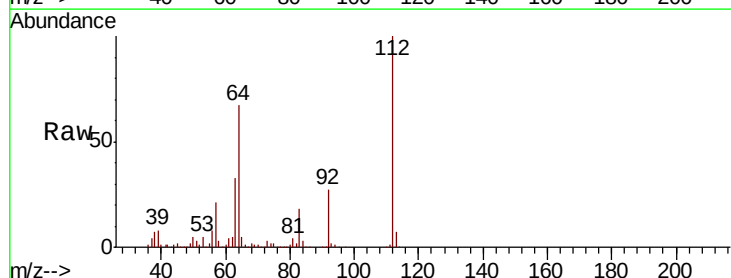
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 74.576 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114327.D
Acq: 17 May 2019 00:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	49.0	73.6
63	33.4	24.6	37.0

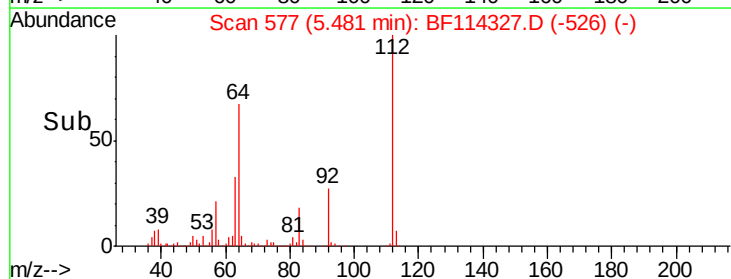
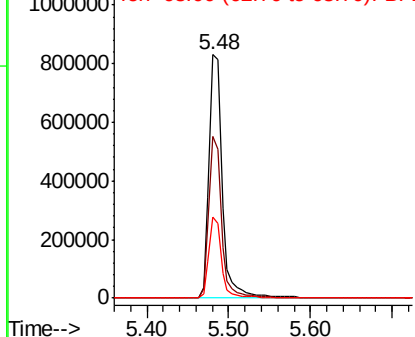


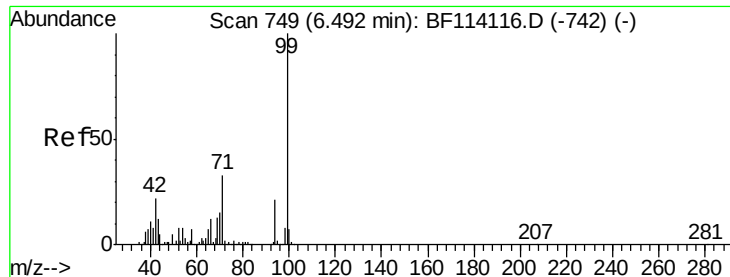
Abundance

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: 90.955 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114327.D

Acq: 17 May 2019 00:11

Instrument :

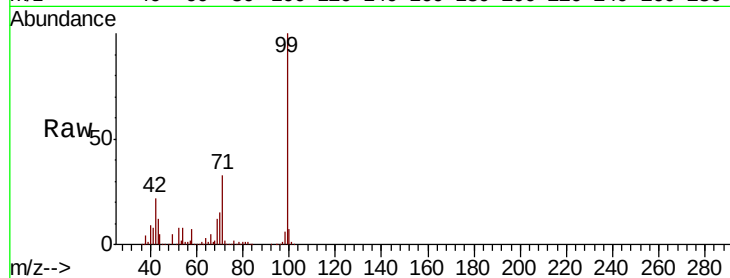
BNA_F

ClientSampleId :

CONCRETE-C

Tot Ion: 99 Resp: 1351533

Ion	Ratio	Lower	Upper
99	100		
42	22.4	17.9	26.9
71	32.8	26.2	39.2

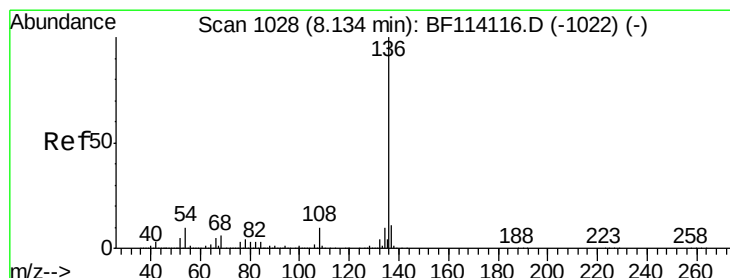
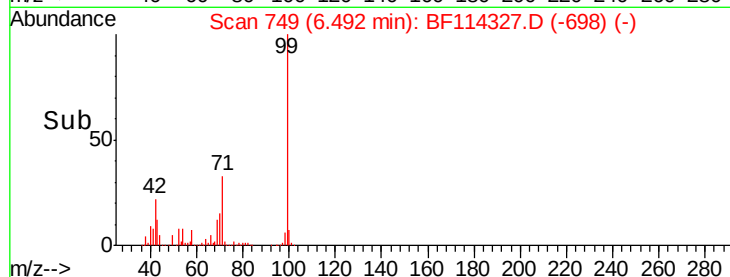
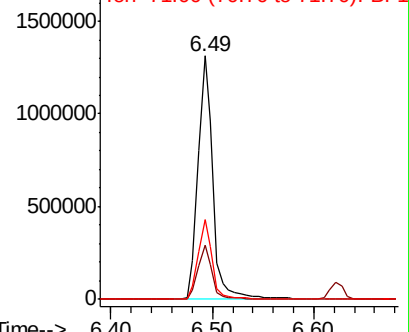


Abundance

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: 8.13 min Scan# 1027

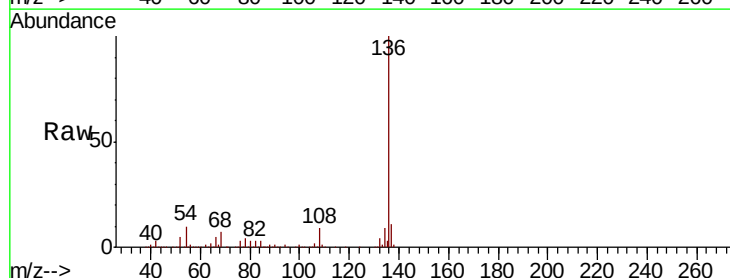
Delta R.T. -0.01 min

Lab File: BF114327.D

Acq: 17 May 2019 00:11

Tgt Ion: 136 Resp: 773054

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	9.9	7.8	11.8
68	7.3	5.1	7.7



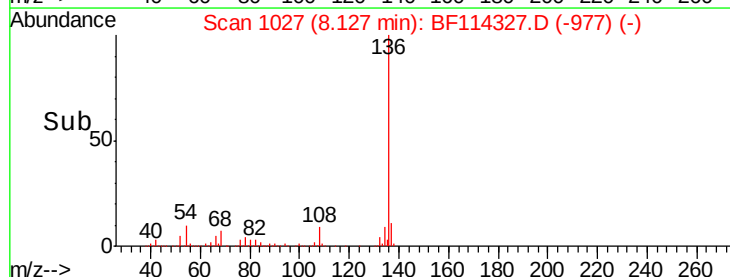
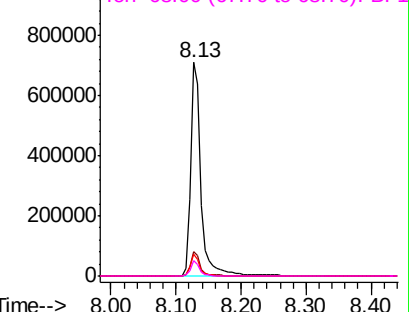
Abundance

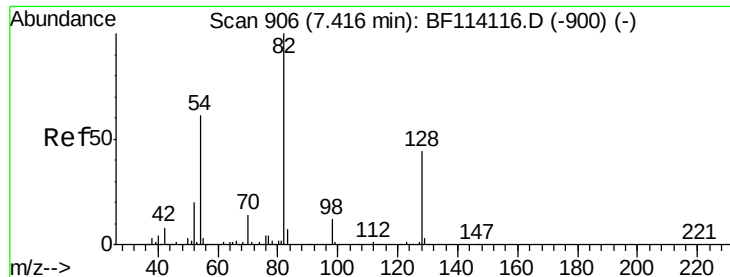
Ion 136.00 (135.70 to 136.70): E

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

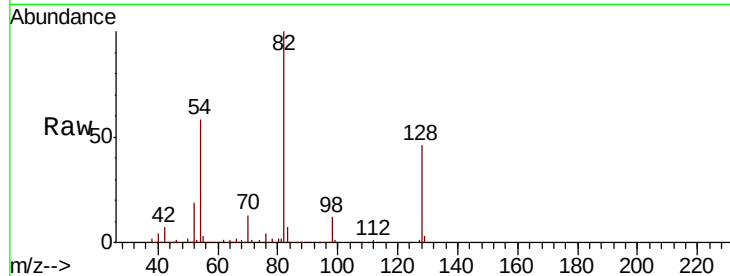




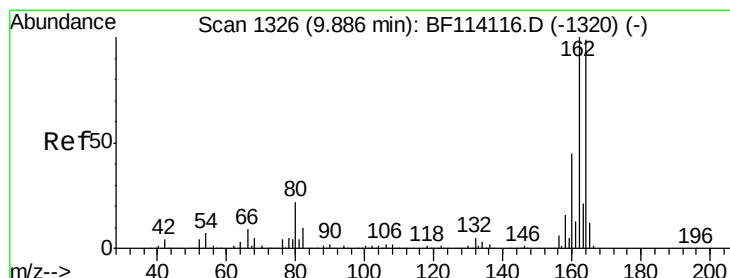
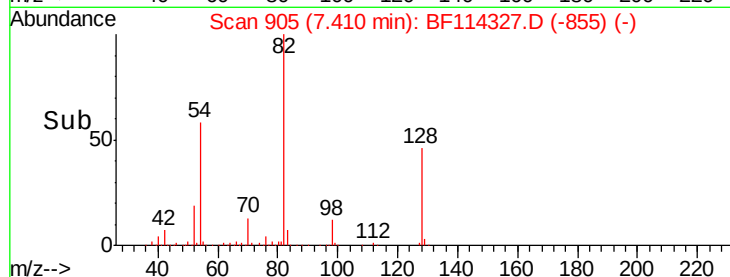
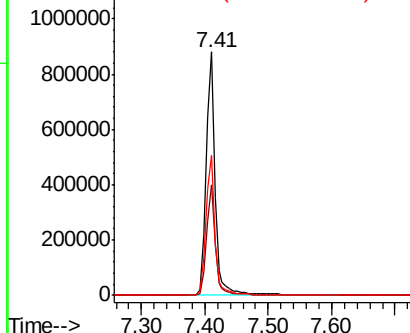
#23
Nitrobenzene-d5
Concen: 63.014 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114327.D
Acq: 17 May 2019 00:11

Instrument :
BNA_F
ClientSampleId :
CONCRETE-C

Tot Ion	82	Resp	868023
Ion Ratio	100		
Lower			
Upper			
128	45.6	35.5	53.3
54	57.7	48.5	72.7

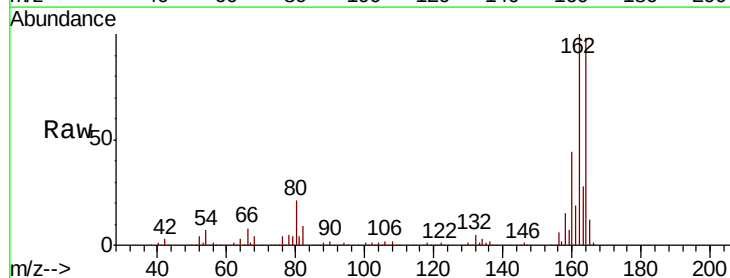


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

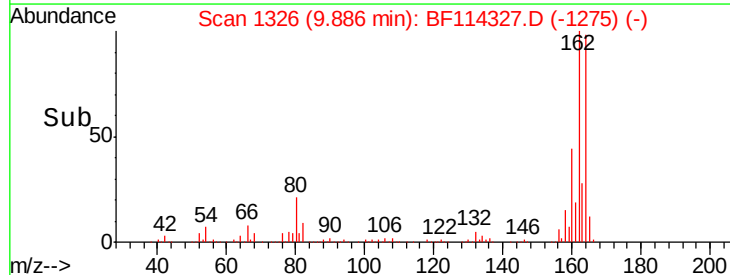
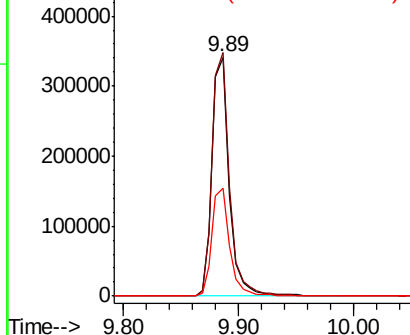


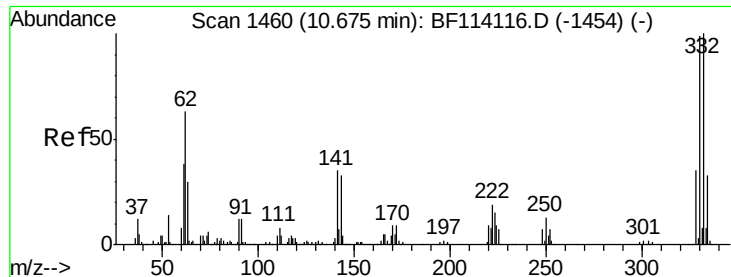
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114327.D
Acq: 17 May 2019 00:11

Tgt Ion	164	Resp	353715
Ion Ratio	100		
Lower			
Upper			
162	101.9	80.6	120.8
160	45.4	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: 49.548 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF114327.D

Acq: 17 May 2019 00:11

Instrument :

BNA_F

ClientSampleId :

CONCRETE-C

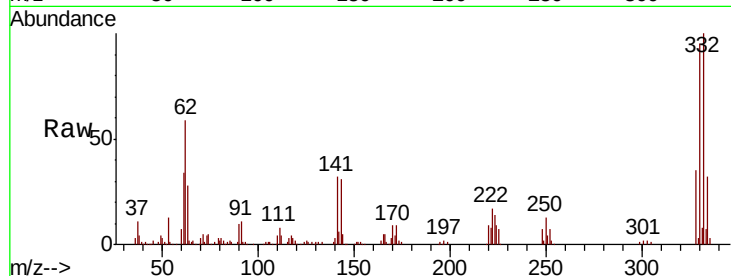
Tot Ion:330 Resp: 181188

Ion Ratio Lower Upper

330 100

332 104.2 81.4 122.2

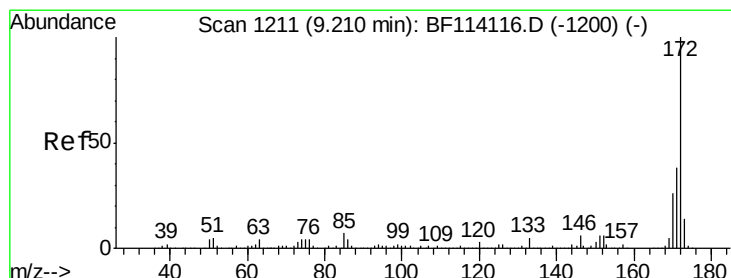
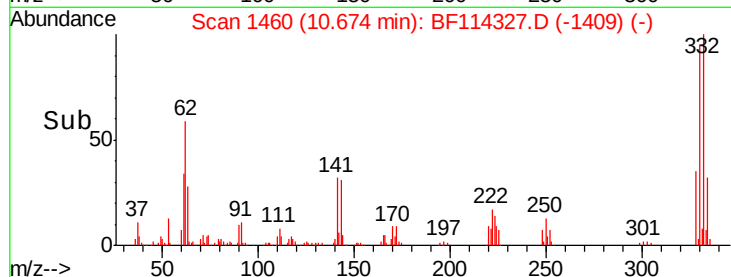
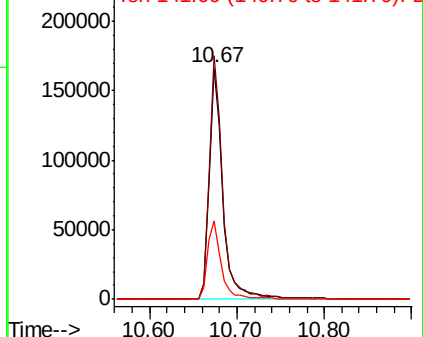
141 34.5 26.6 40.0



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: 66.954 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF114327.D

Acq: 17 May 2019 00:11

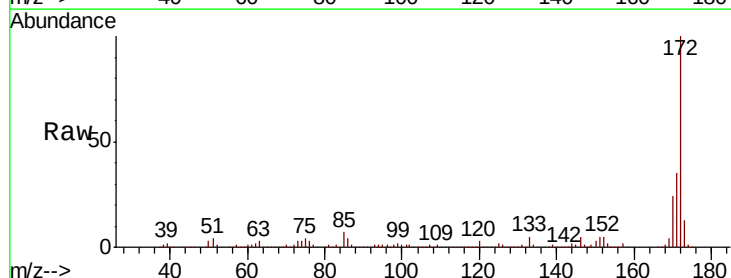
Tgt Ion:172 Resp: 1565618

Ion Ratio Lower Upper

172 100

171 35.5 30.7 46.1

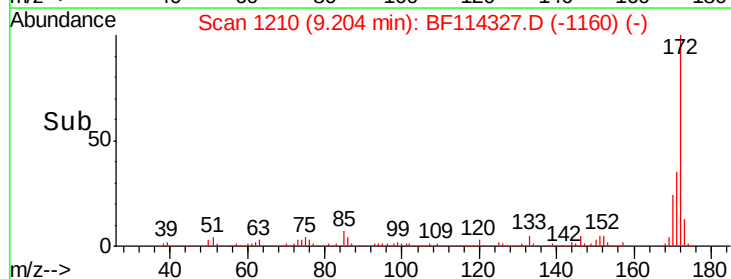
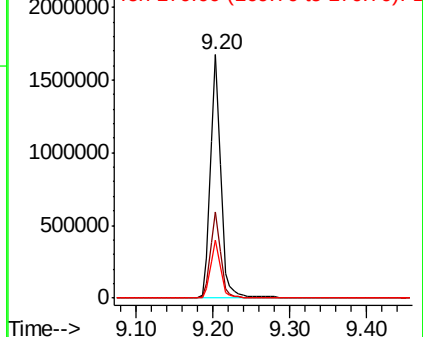
170 23.9 20.5 30.7

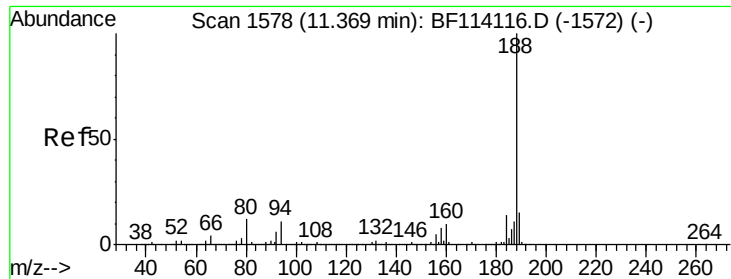


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

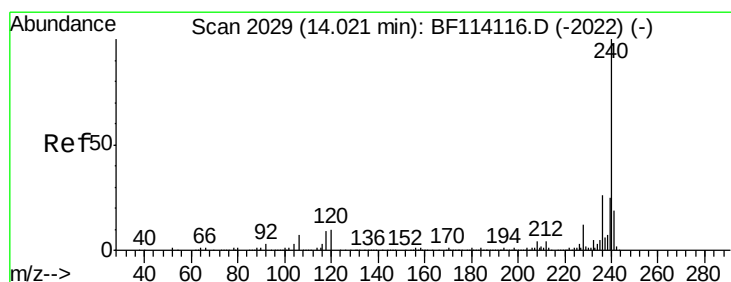
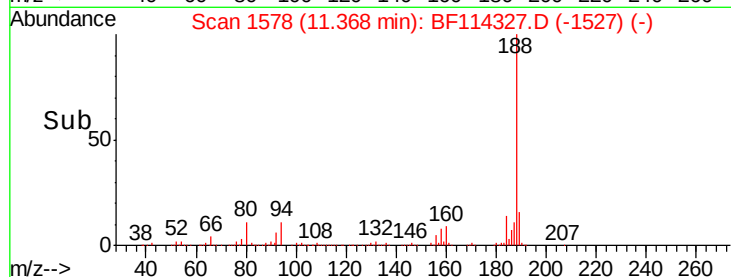
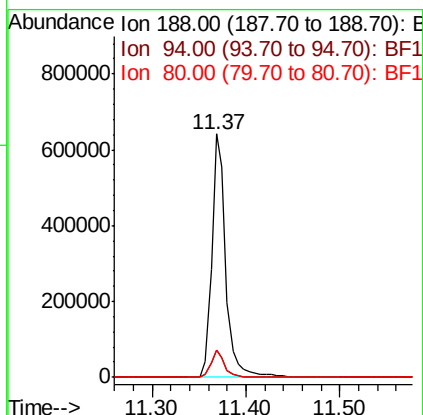
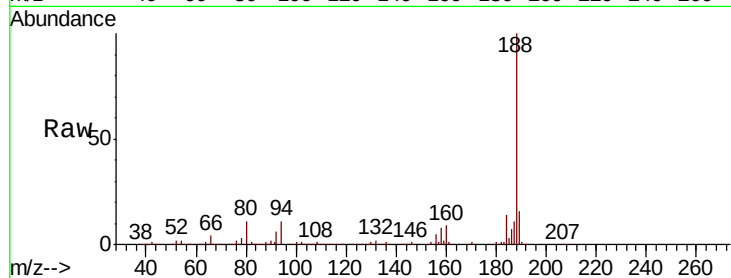




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114327.D
Acq: 17 May 2019 00:11

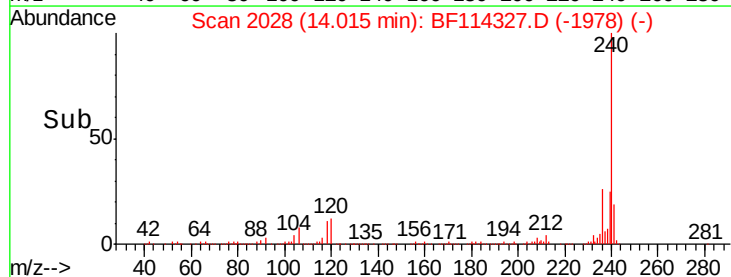
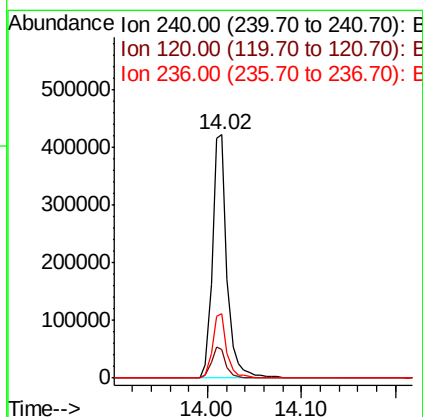
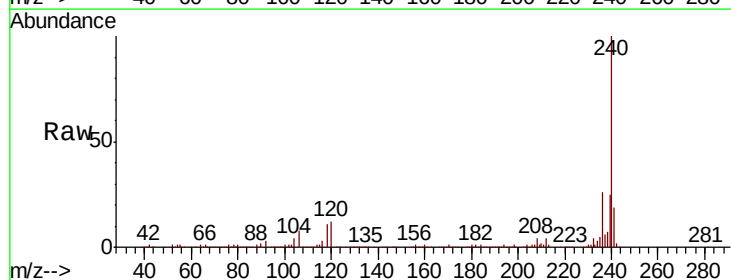
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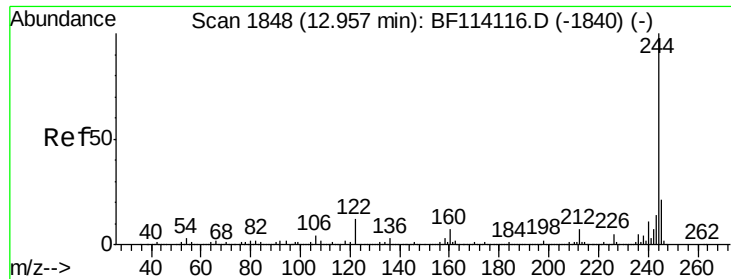
Tot Ion:188 Resp: 676161
Ion Ratio Lower Upper
188 100
94 11.2 8.4 12.6
80 11.3 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF114327.D
Acq: 17 May 2019 00:11

Tgt Ion:240 Resp: 469630
Ion Ratio Lower Upper
240 100
120 11.8 8.3 12.5
236 26.3 20.8 31.2





#79

Terphenyl-d14

Concen: 62.240 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114327.D

Acq: 17 May 2019 00:11

Instrument :

BNA_F

ClientSampleId :

CONCRETE-C

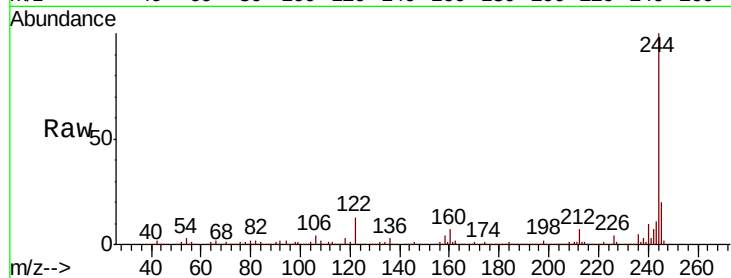
Tot Ion:244 Resp: 1417945

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

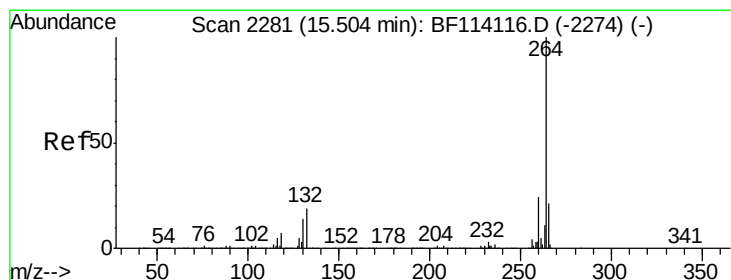
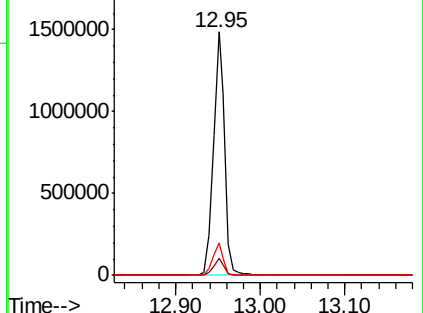
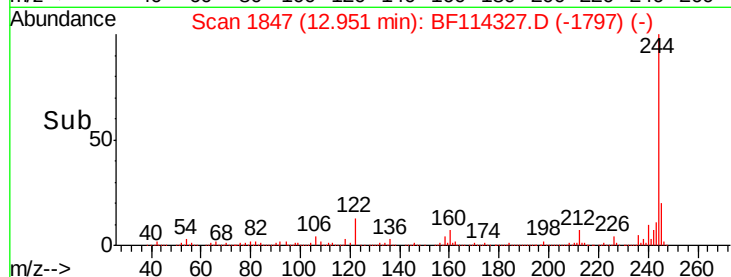
122 13.1 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BF114327.D

Acq: 17 May 2019 00:11

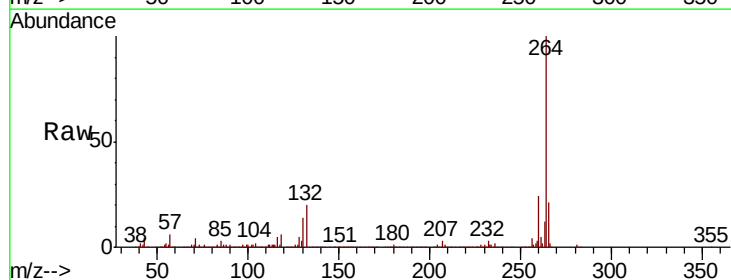
Tgt Ion:264 Resp: 542767

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.0

265 21.3 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

