

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114541.D
 Acq On : 23 May 2019 23:21
 Operator : JU/SJ
 Sample : K2962-01RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-BUS

Quant Time: May 24 07:20:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 03:49:15 2019
 Response via : Initial Calibration

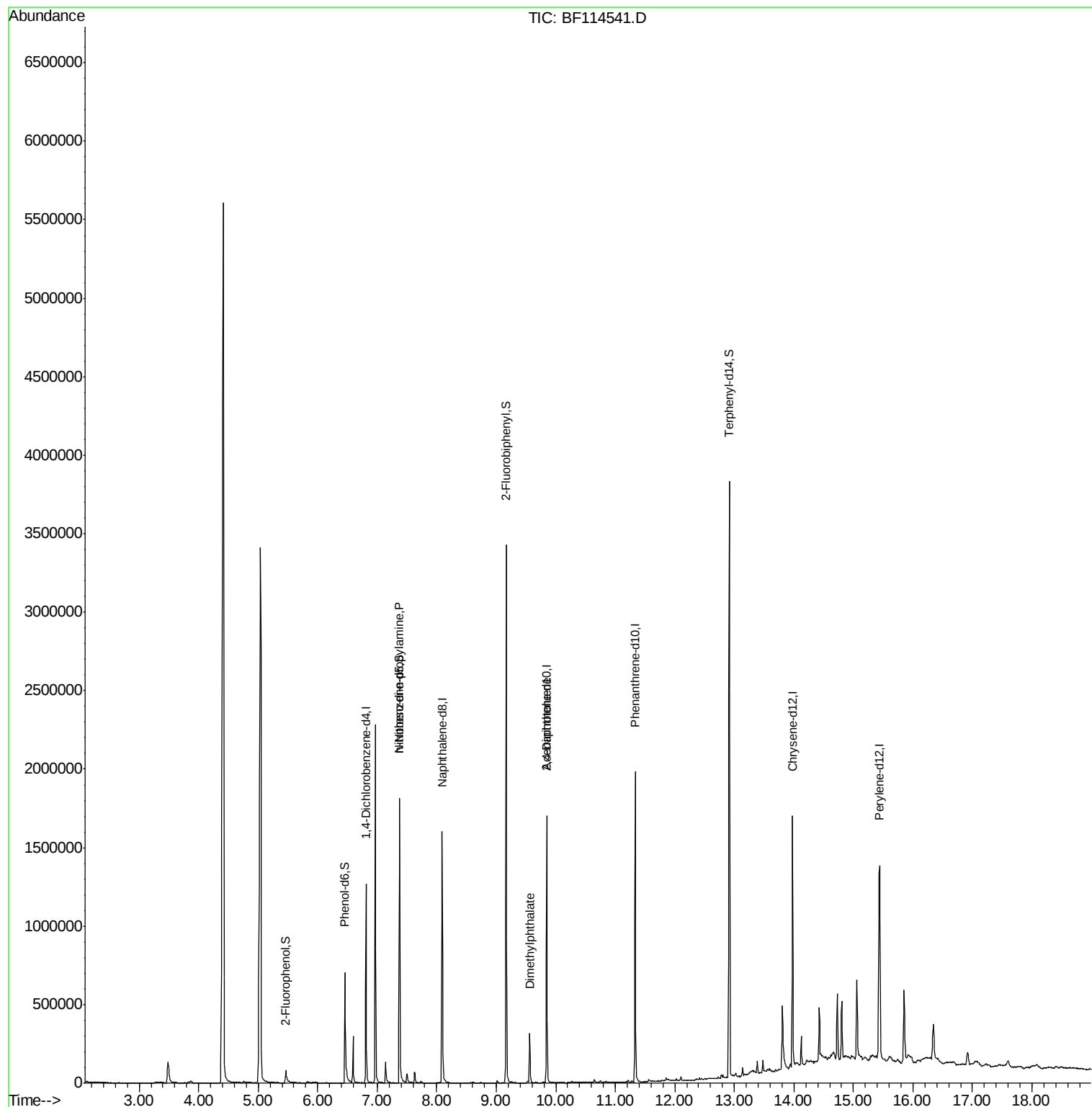
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	180172	20.00	ng	-0.03
21) Naphthalene-d8	8.09	136	713670	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	348842	20.00	ng	-0.03
64) Phenanthrene-d10	11.33	188	721832	20.00	ng	-0.02
76) Chrysene-d12	13.98	240	566578	20.00	ng	-0.02
87) Perylene-d12	15.44	264	491172	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	48569	4.34	ng	0.00
7) Phenol-d6	6.46	99	322874	24.38	ng	-0.03
23) Nitrobenzene-d5	7.37	82	555960	43.72	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	3381	0.94	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	1082381	46.93	ng	-0.02
79) Terphenyl-d14	12.92	244	1239540	45.10	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	73952	8.811	ng	# 74
50) Dimethylphthalate	9.56	163	133903	5.229	ng	99
57) 2,4-Dinitrotoluene	9.85	165	44459	5.767	ng	# 25

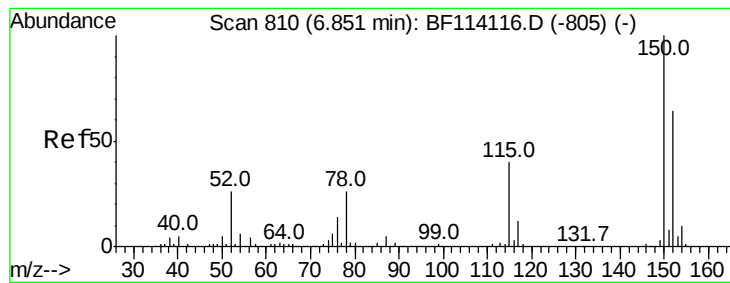
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 23 03:49:15 2019
Response via : Initial Calibration



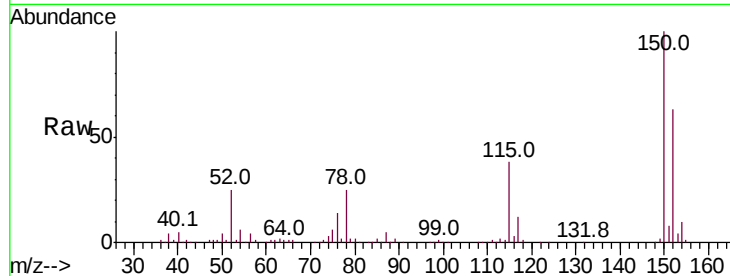


#1

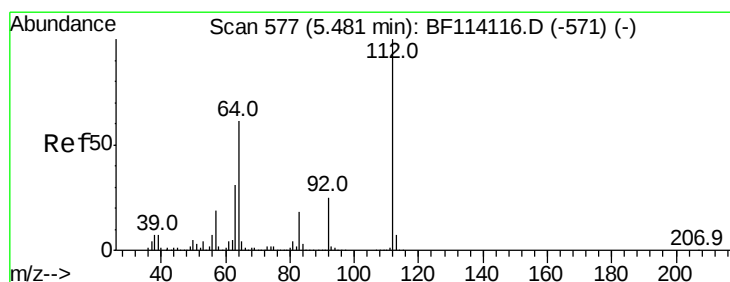
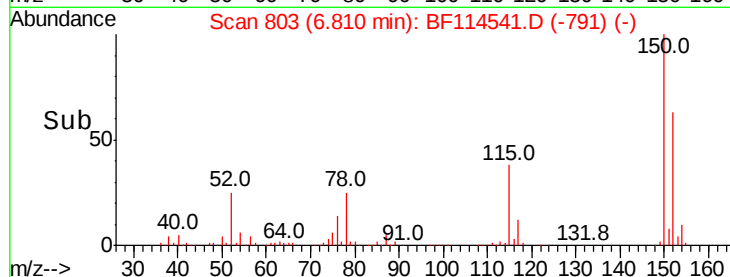
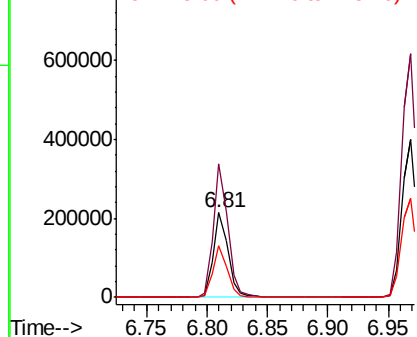
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF114541.D
Acq: 23 May 2019 23:21

Instrument :
BNA_F
ClientSampleId :
CONCRETE-BUS

Tot Ion:152 Resp: 180172
Ion Ratio Lower Upper
152 100
150 158.7 124.3 186.5
115 60.9 49.1 73.7



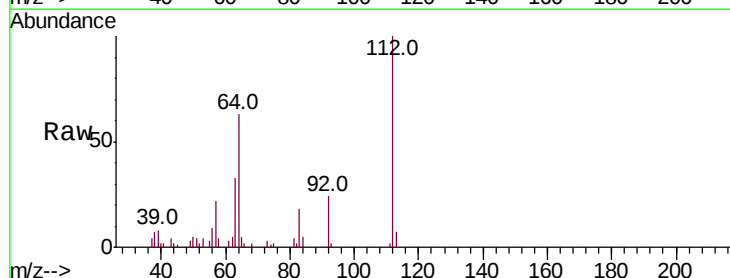
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



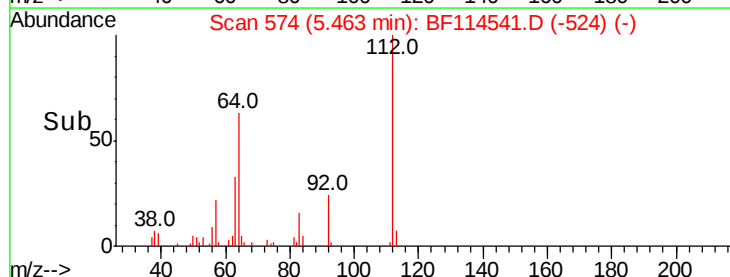
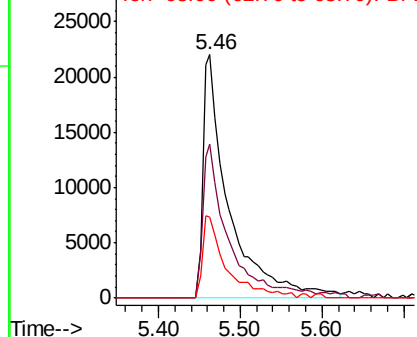
#5

2-Fluorophenol
Concen: 4.338 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF114541.D
Acq: 23 May 2019 23:21

Tgt Ion:112 Resp: 48569
Ion Ratio Lower Upper
112 100
64 63.2 49.0 73.6
63 33.2 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: 24.383 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF114541.D

Acq: 23 May 2019 23:21

Instrument :

BNA_F

ClientSampleId :

CONCRETE-BUS

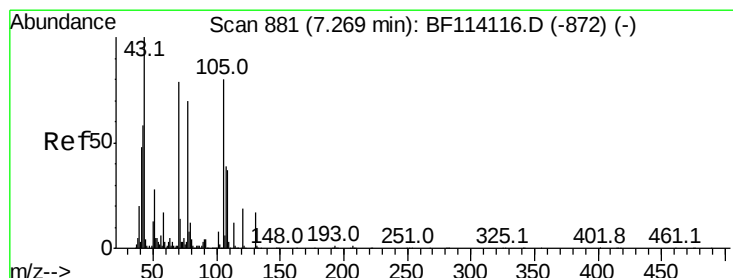
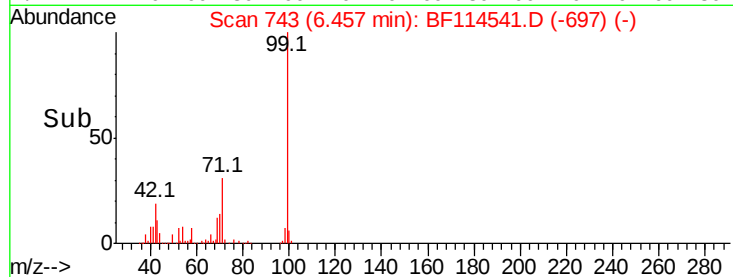
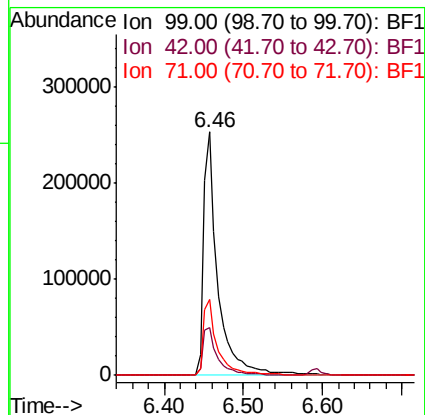
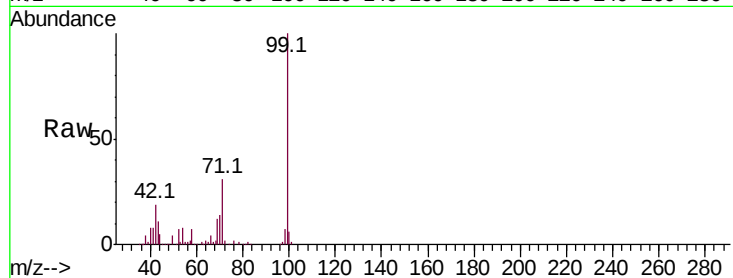
Tot Ion: 99 Resp: 322874

Ion Ratio Lower Upper

99 100

42 19.5 17.9 26.9

71 31.3 26.2 39.2



#19

n-Nitroso-di-n-propylamine

Concen: 8.811 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.12 min

Lab File: BF114541.D

Acq: 23 May 2019 23:21

Tgt Ion: 70 Resp: 73952

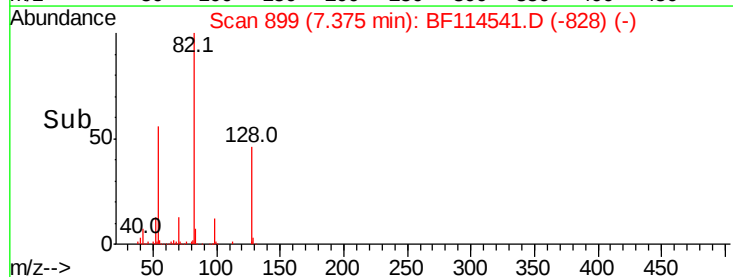
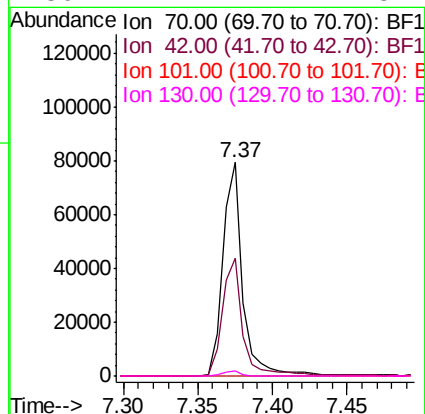
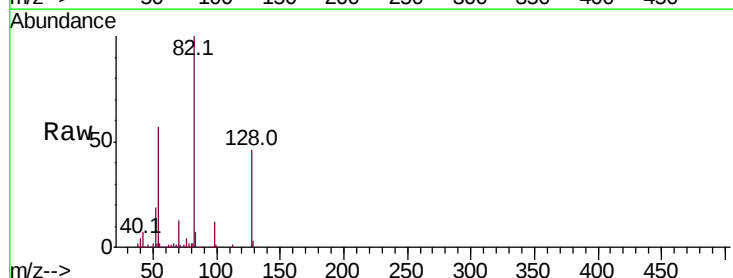
Ion Ratio Lower Upper

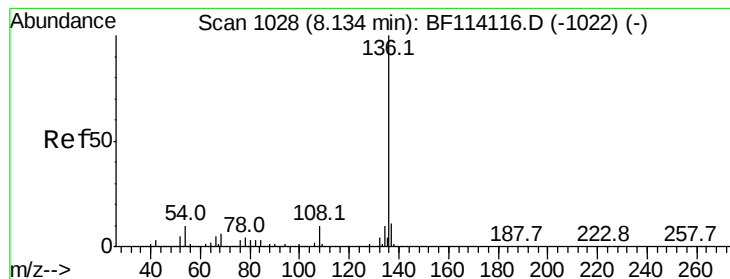
70 100

42 55.2 58.6 87.8#

101 0.0 7.8 11.8#

130 2.2 17.1 25.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.03 min

Lab File: BF114541.D

Acq: 23 May 2019 23:21

Instrument :

BNA_F

ClientSampleId :

CONCRETE-BUS

Tot Ion:136 Resp: 713670

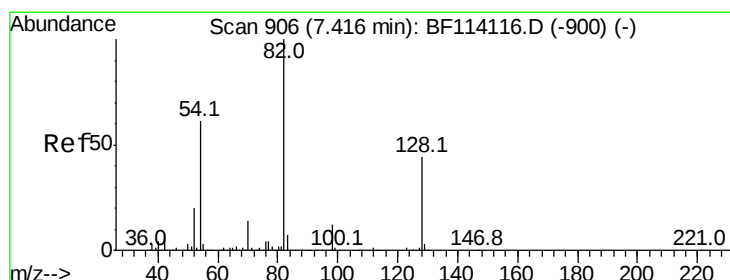
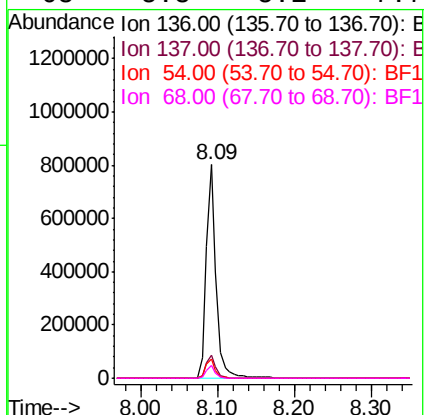
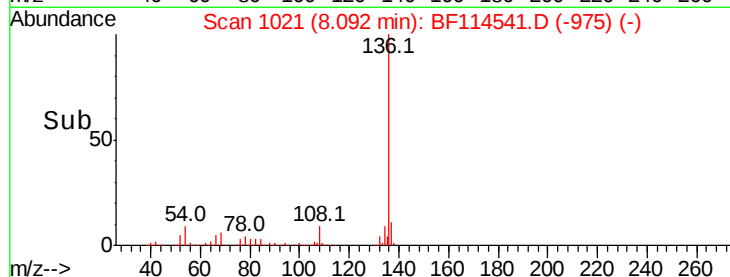
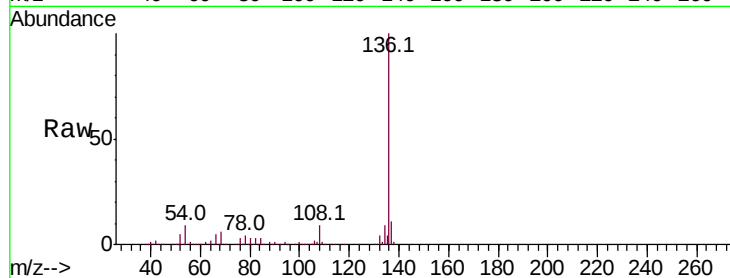
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.8 7.8 11.8

68 5.8 5.1 7.7



#23

Nitrobenzene-d5

Concen: 43.718 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.03 min

Lab File: BF114541.D

Acq: 23 May 2019 23:21

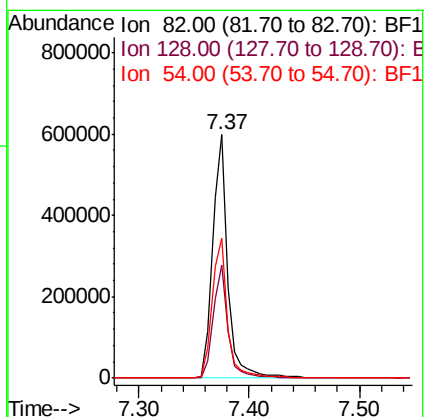
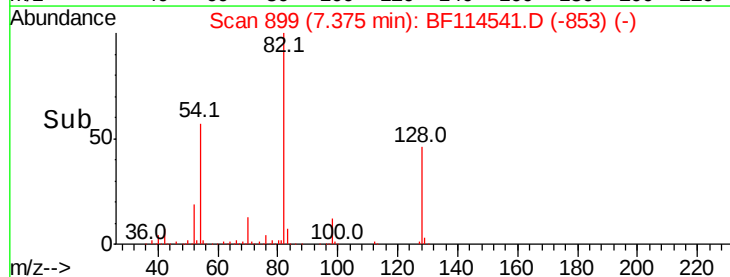
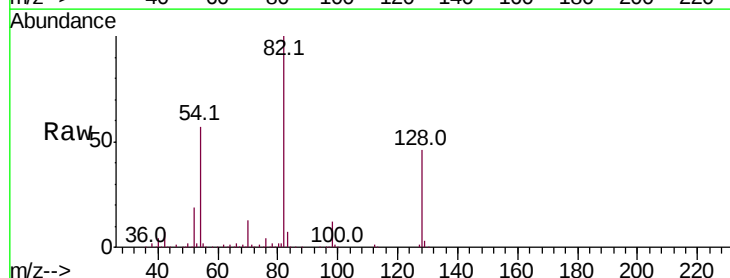
Tgt Ion: 82 Resp: 555960

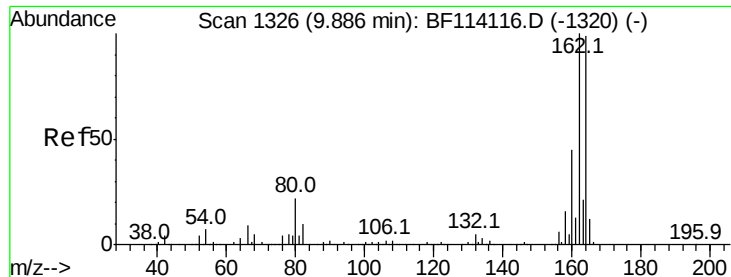
Ion Ratio Lower Upper

82 100

128 46.3 35.5 53.3

54 57.5 48.5 72.7

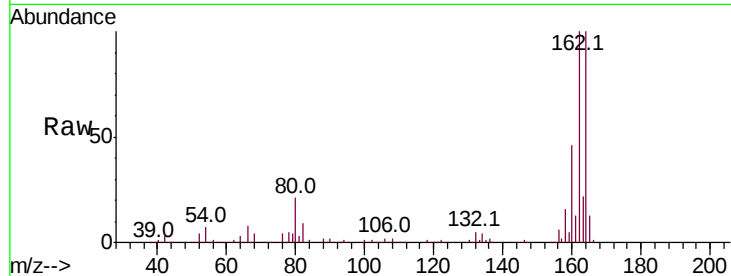




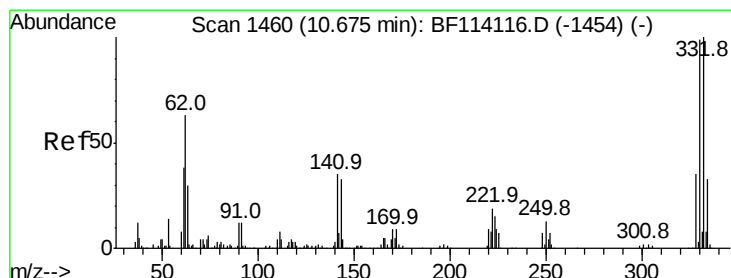
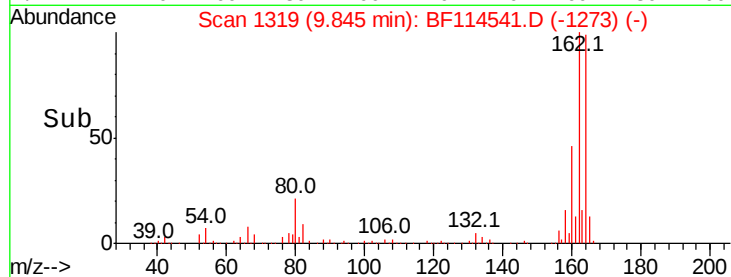
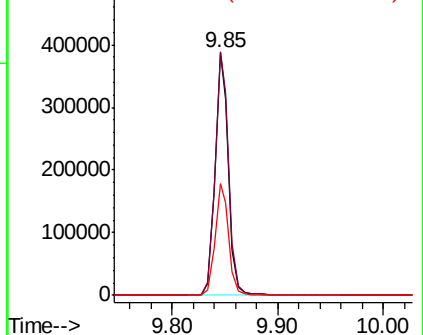
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.03 min
 Lab File: BF114541.D
 Acq: 23 May 2019 23:21

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-BUS

Tot Ion:164 Resp: 348842
 Ion Ratio Lower Upper
 164 100
 162 100.2 80.6 120.8
 160 45.8 36.5 54.7

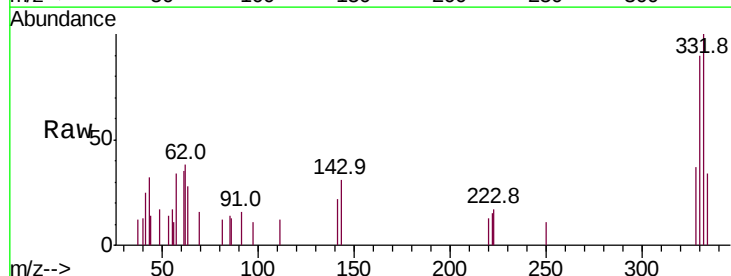


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

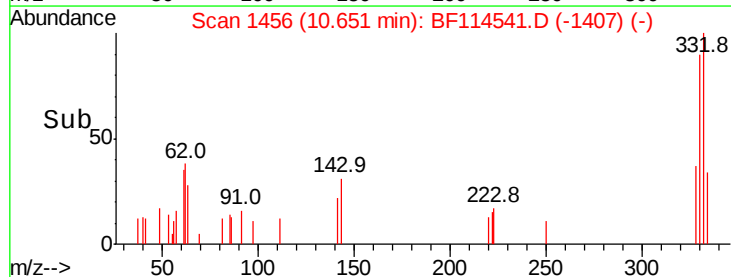
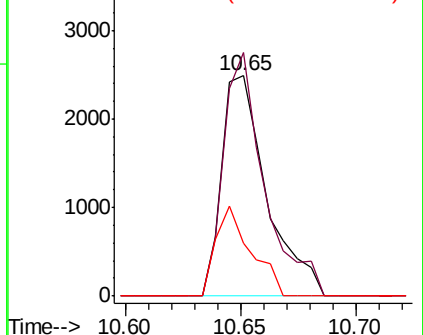


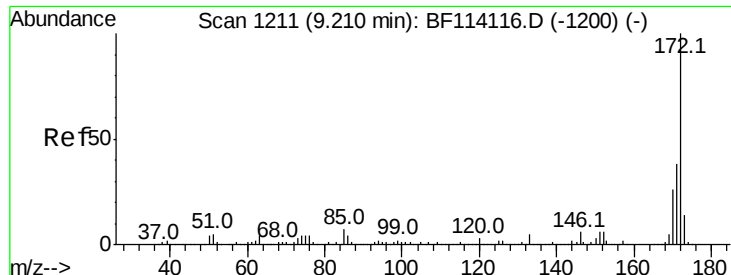
#42
 2,4,6-Tribromophenol
 Concen: 0.937 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF114541.D
 Acq: 23 May 2019 23:21

Tgt Ion:330 Resp: 3381
 Ion Ratio Lower Upper
 330 100
 332 100.3 81.4 122.2
 141 31.7 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



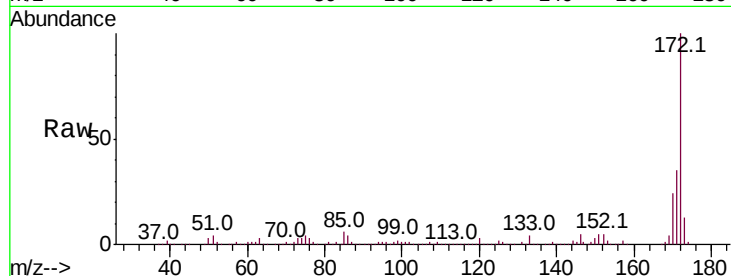


#45
 2-Fluorobiphenyl
 Concen: 46.935 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.02 min
 Lab File: BF114541.D
 Acq: 23 May 2019 23:21

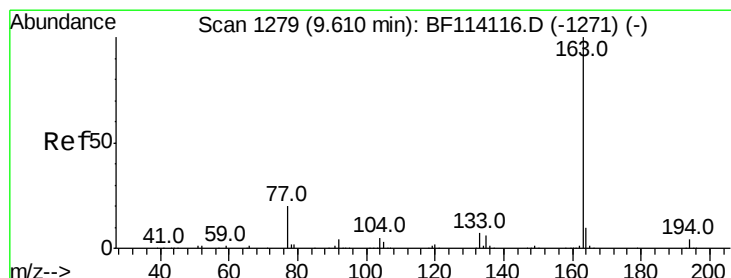
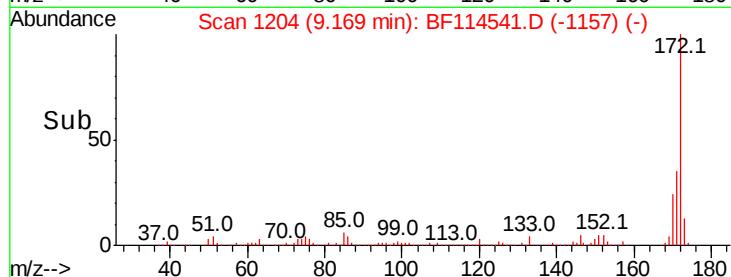
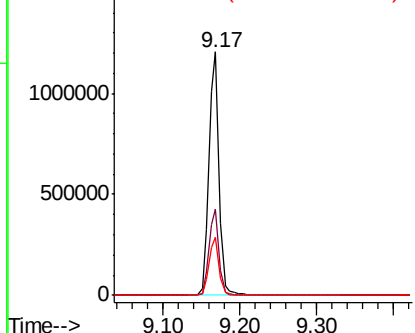
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-BUS

Tot Ion:172 Resp: 1082381

Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.7	46.1
170	23.9	20.5	30.7



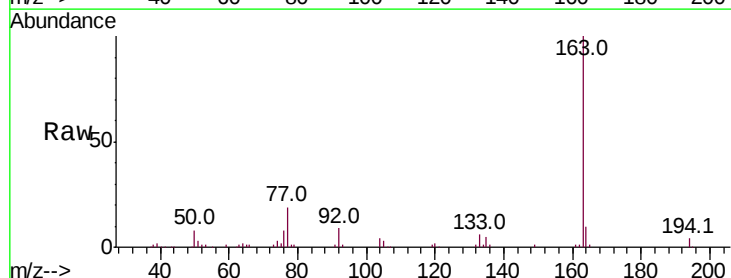
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



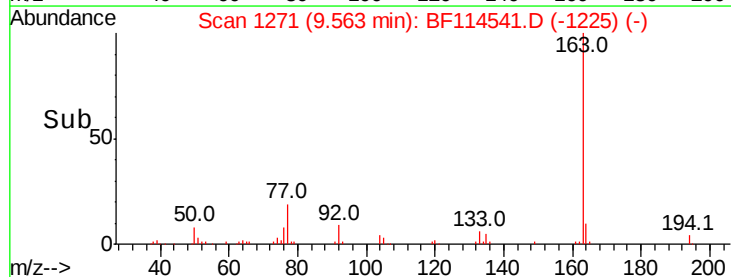
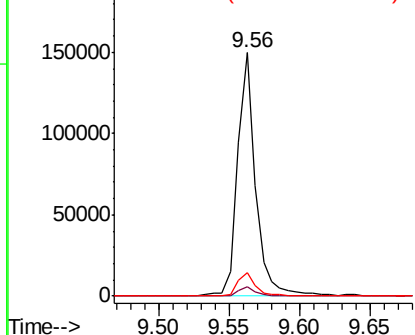
#50
 Dimethylphthalate
 Concen: 5.229 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.03 min
 Lab File: BF114541.D
 Acq: 23 May 2019 23:21

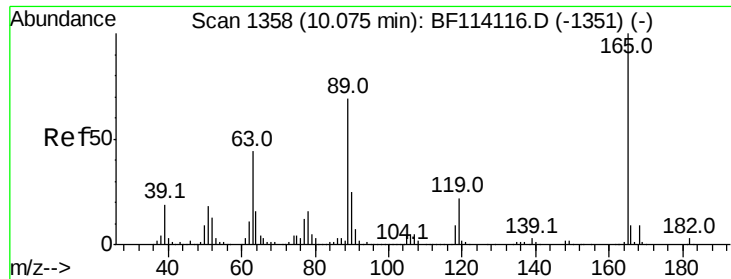
Tgt Ion:163 Resp: 133903

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.0
164	9.7	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

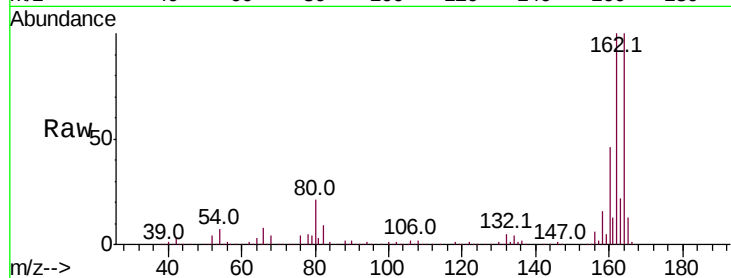




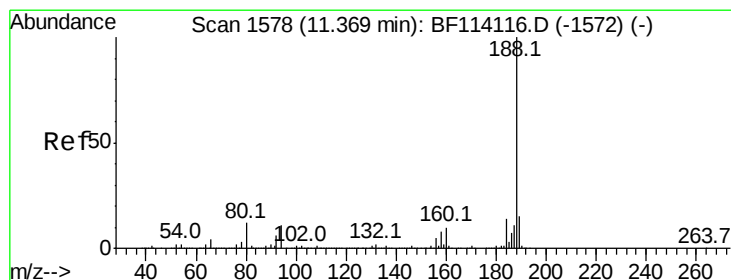
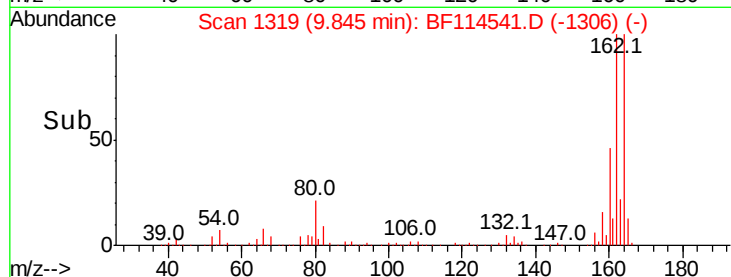
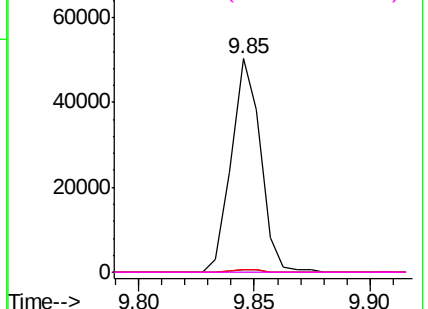
#57
 2,4-Dinitrotoluene
 Concen: 5.767 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.22 min
 Lab File: BF114541.D
 Acq: 23 May 2019 23:21

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-BUS

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	35.5	53.3#
89	1.1	55.2	82.8#
182	0.0	2.2	3.2#

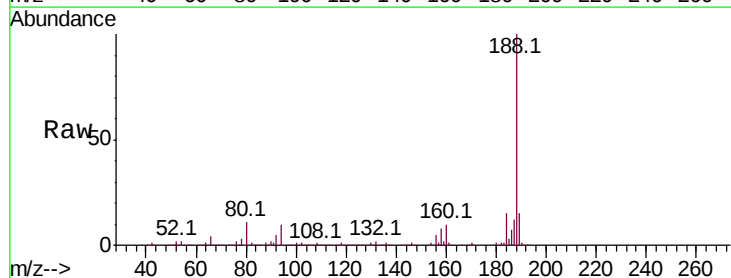


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

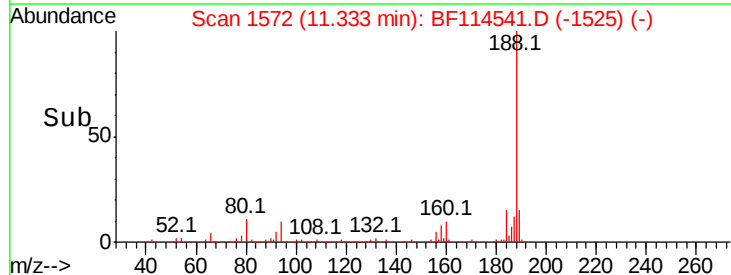
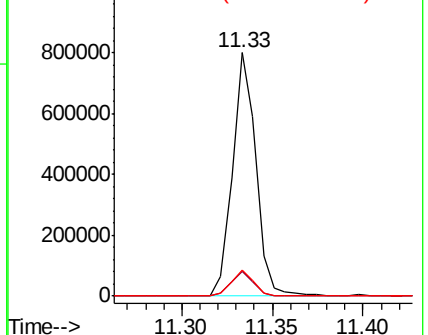


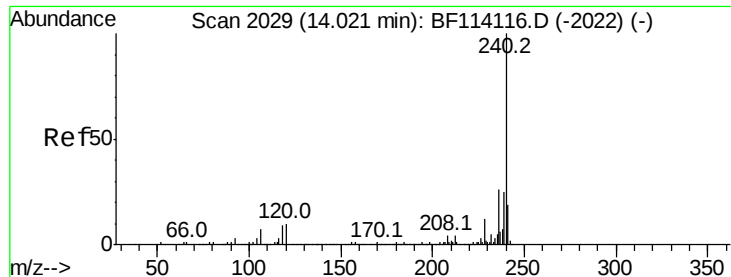
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.02 min
 Lab File: BF114541.D
 Acq: 23 May 2019 23:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.4	12.6
80	10.8	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

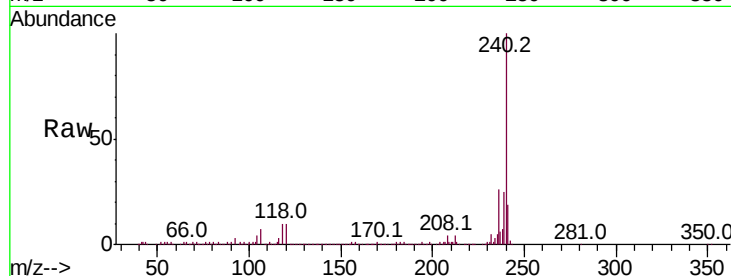




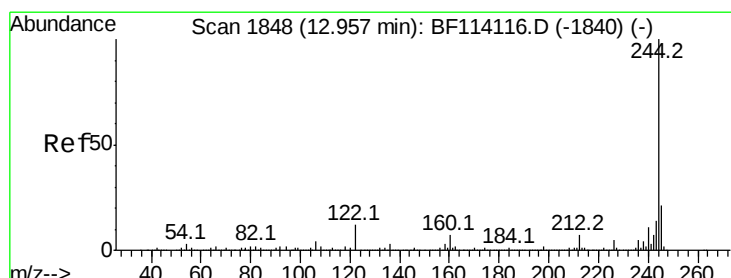
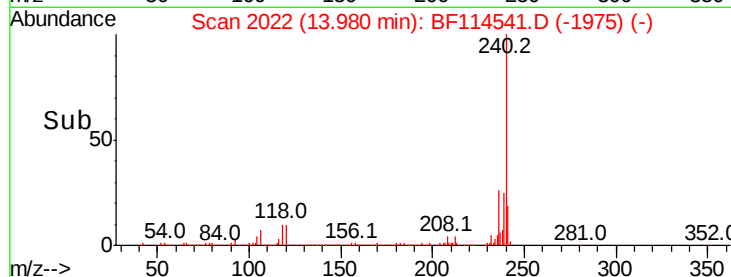
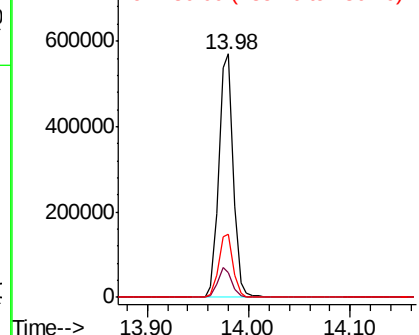
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.02 min
 Lab File: BF114541.D
 Acq: 23 May 2019 23:21

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-BUS

Tot Ion:240 Resp: 566578
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.3 12.5
 236 25.8 20.8 31.2

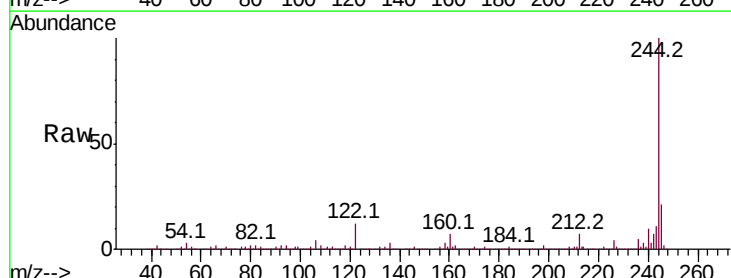


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

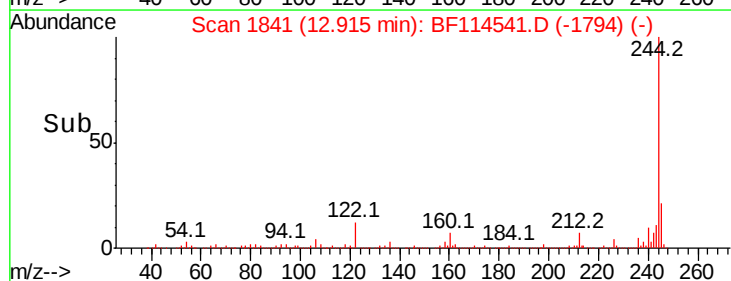
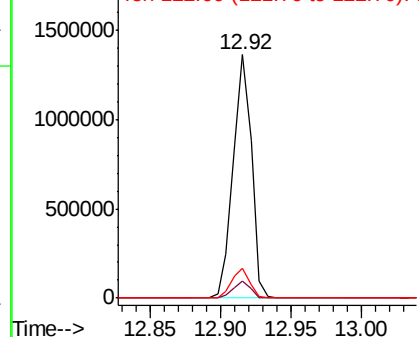


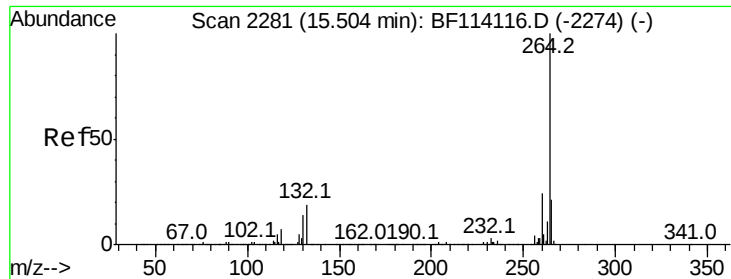
#79
 Terphenyl-d14
 Concen: 45.099 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.02 min
 Lab File: BF114541.D
 Acq: 23 May 2019 23:21

Tgt Ion:244 Resp: 1239540
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 12.3 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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.02 min
 Lab File: BF114541.D
 Acq: 23 May 2019 23:21

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-BUS

Tot Ion: 264 Resp: 491172
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.0
 265 22.7 16.9 25.3

