

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114584.D
 Acq On : 24 May 2019 21:51
 Operator : JU/SJ
 Sample : K3008-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-19

Quant Time: May 24 22:38:02 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 24 07:23:33 2019
 Response via : Initial Calibration

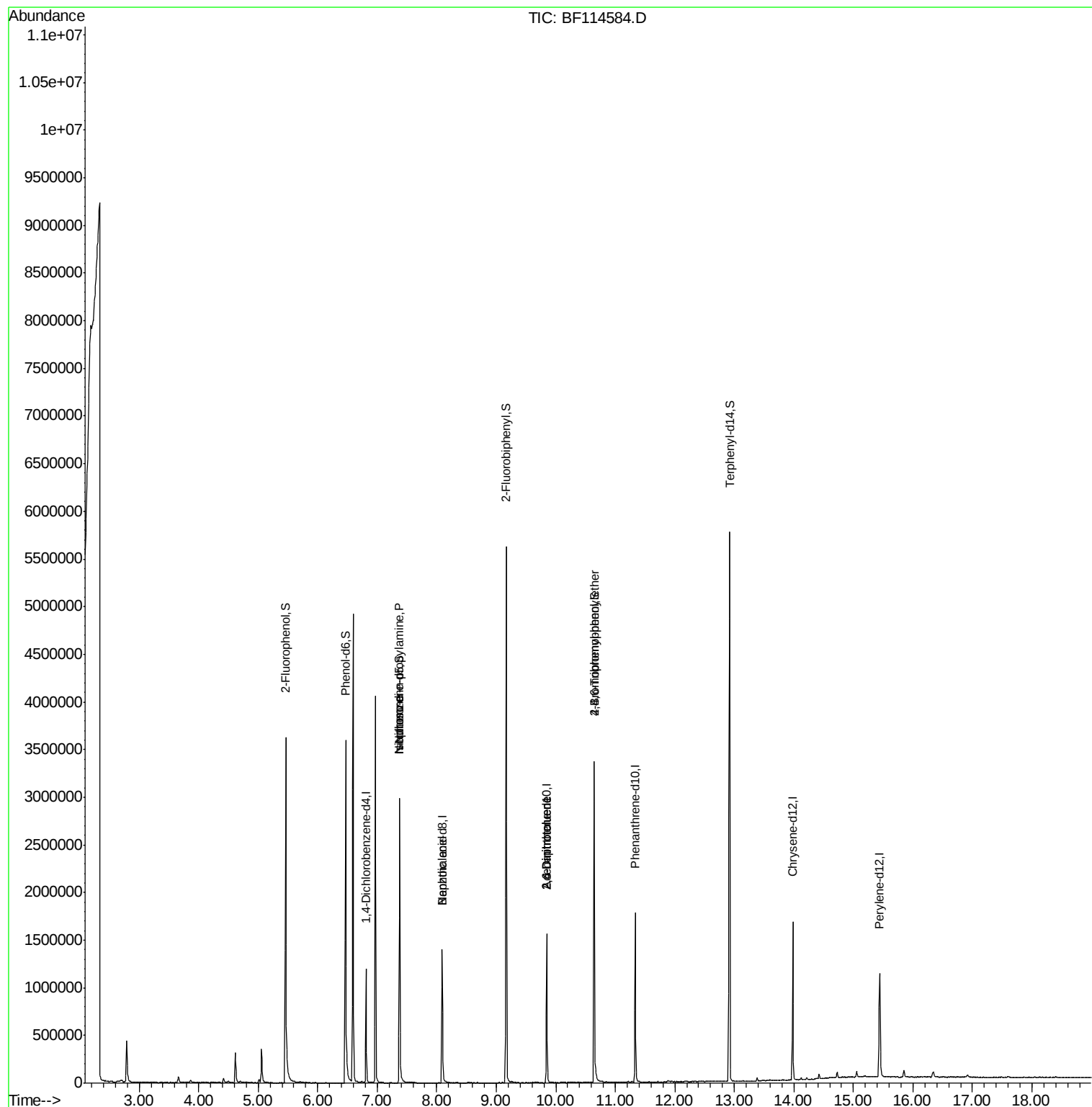
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	182943	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	692447	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	333423	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	689913	20.00	ng	0.00
76) Chrysene-d12	13.98	240	553394	20.00	ng	0.00
87) Perylene-d12	15.44	264	556959	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1193303	104.97	ng	0.02
7) Phenol-d6	6.47	99	1395095	103.76	ng	0.00
23) Nitrobenzene-d5	7.37	82	1063514	86.19	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	452902	131.39	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1890045	85.75	ng	0.00
79) Terphenyl-d14	12.92	244	2141220	79.76	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	141623	16.618	ng	# 76
25) Isophorone	7.37	82	1063508	46.475	ng	# 64
32) Benzoic acid	8.10	122	329	7.062	ng	# 52
51) 2,6-Dinitrotoluene	9.85	165	41851	7.709	ng	# 22
57) 2,4-Dinitrotoluene	9.85	165	41851	5.680	ng	# 25
67) 4-Bromophenyl-phenylether	10.64	248	28959	3.812	ng	# 1

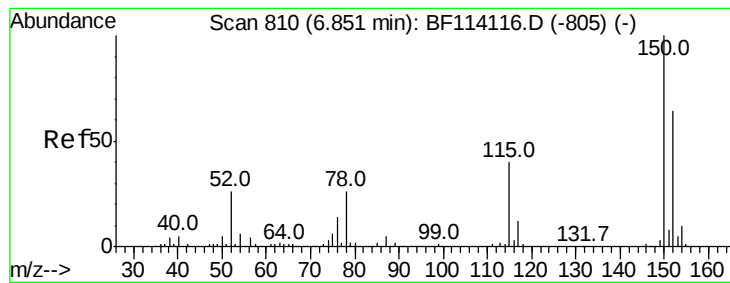
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 24 07:23:33 2019
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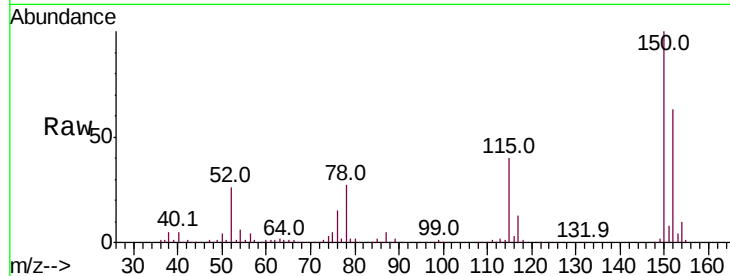


#1

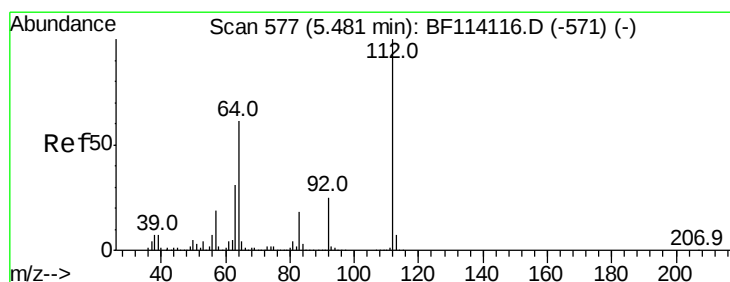
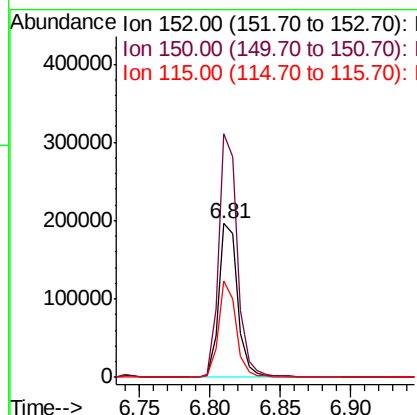
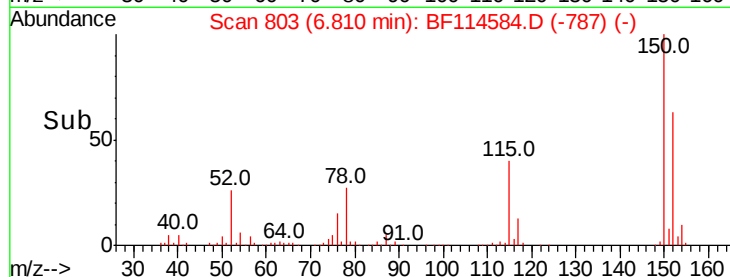
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114584.D
Acq: 24 May 2019 21:51

Instrument :
BNA_F
ClientSampleId :
COMP-19

Tot Ion:152 Resp: 182943
Ion Ratio Lower Upper
152 100
150 158.3 124.3 186.5
115 62.9 49.1 73.7



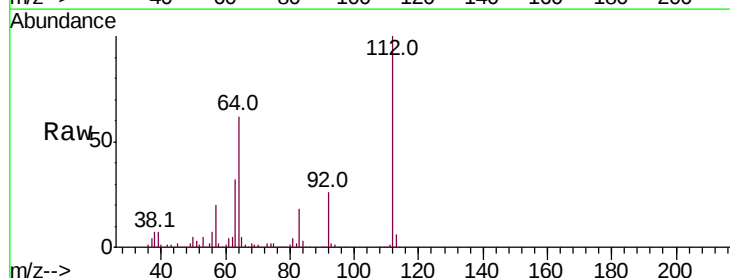
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



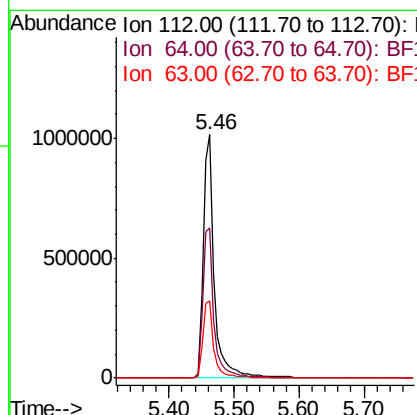
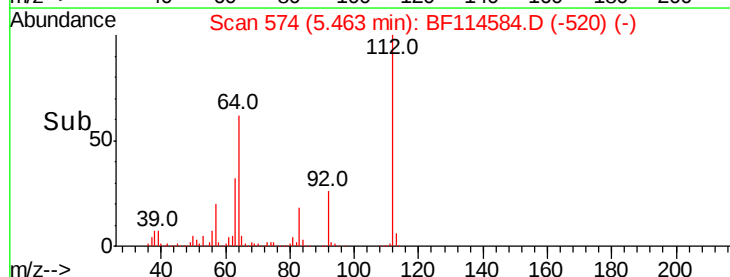
#5

2-Fluorophenol
Concen: 104.969 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF114584.D
Acq: 24 May 2019 21:51

Tgt Ion:112 Resp: 1193303
Ion Ratio Lower Upper
112 100
64 61.5 49.0 73.6
63 32.0 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: 103.760 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF114584.D

Acq: 24 May 2019 21:51

Instrument :

BNA_F

ClientSampleId :

COMP-19

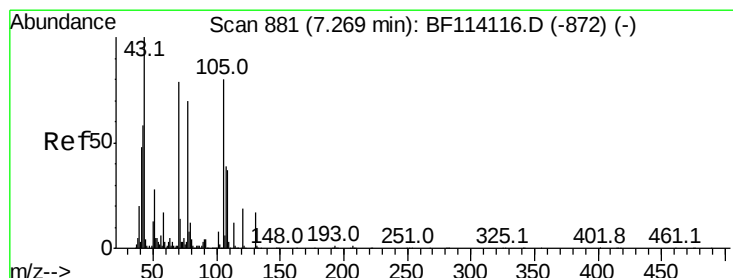
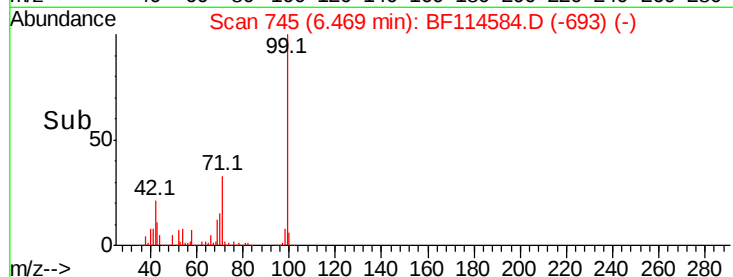
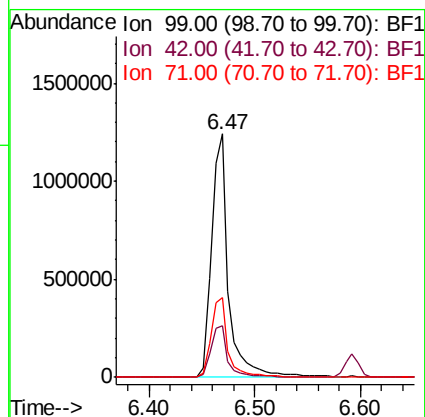
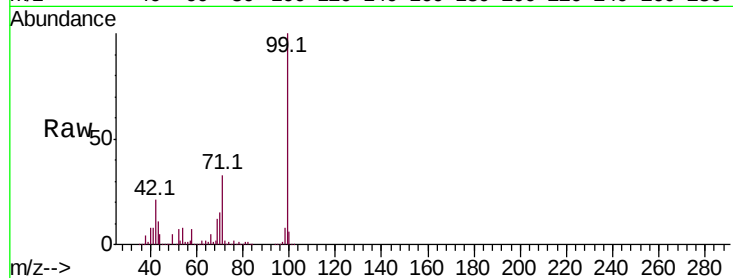
Tot Ion: 99 Resp: 1395095

Ion Ratio Lower Upper

99 100

42 21.1 17.9 26.9

71 33.0 26.2 39.2



#19

n-Nitroso-di-n-propylamine

Concen: 16.618 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF114584.D

Acq: 24 May 2019 21:51

Tgt Ion: 70 Resp: 141623

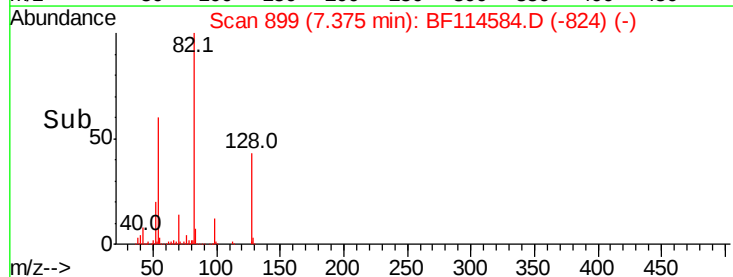
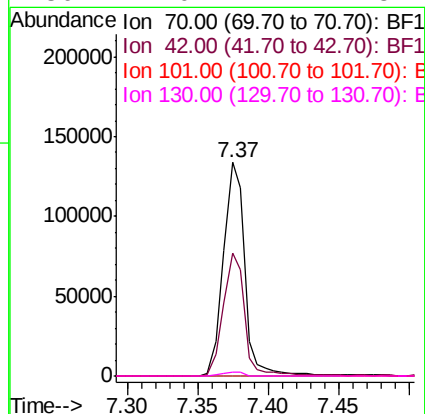
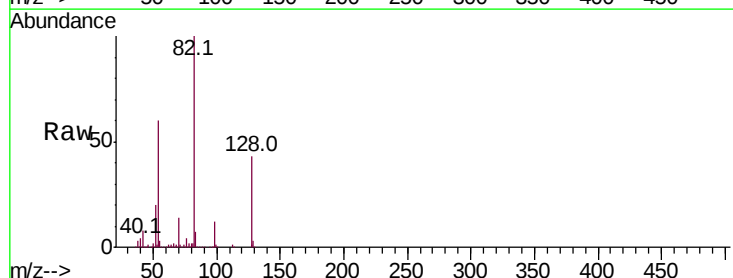
Ion Ratio Lower Upper

70 100

42 57.5 58.6 87.8#

101 0.0 7.8 11.8#

130 2.0 17.1 25.7#

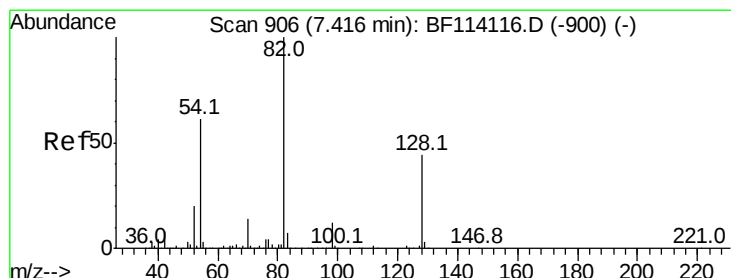
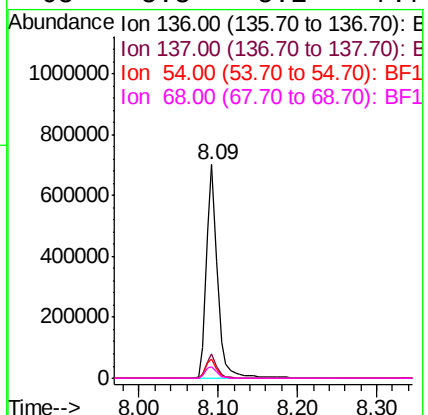
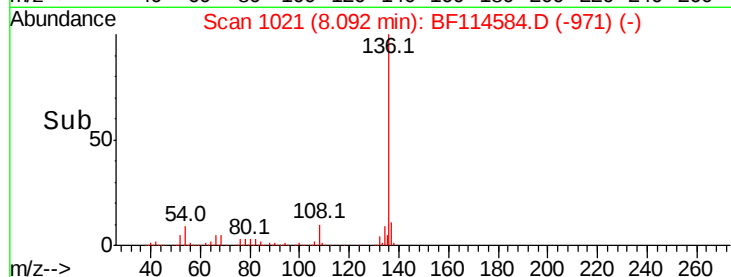
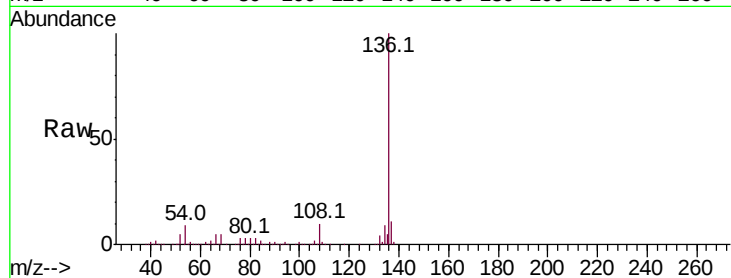




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF114584.D
Acq: 24 May 2019 21:51

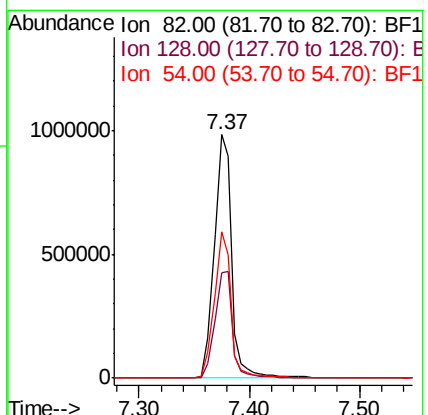
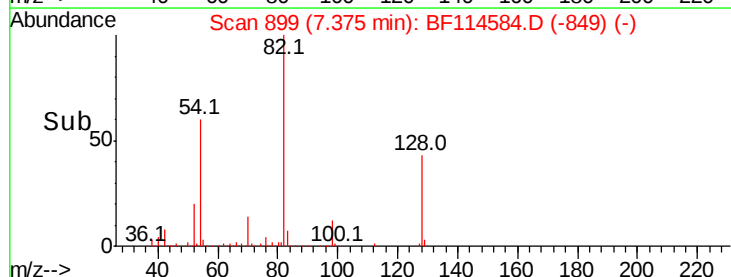
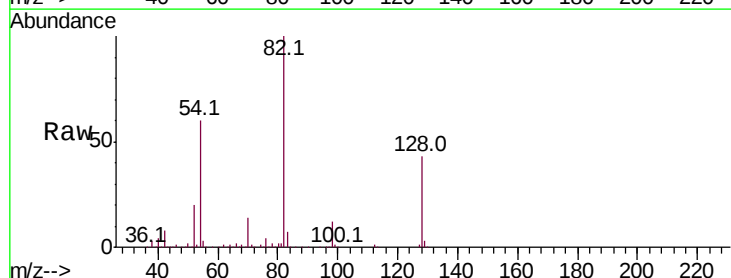
Instrument :
BNA_F
ClientSampleId :
COMP-19

Tot Ion:136	Resp: 692447
Ion Ratio	Lower Upper
136 100	
137 11.2	8.8 13.2
54 8.8	7.8 11.8
68 5.3	5.1 7.7



#23
Nitrobenzene-d5
Concen: 86.194 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114584.D
Acq: 24 May 2019 21:51

Tgt Ion	82	Resp: 1063514	
Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.5	53.3
54	60.3	48.5	72.7





#25

Isophorone

Concen: 46.475 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF114584.D

Acq: 24 May 2019 21:51

Instrument :

BNA_F

ClientSampled :

COMP-19

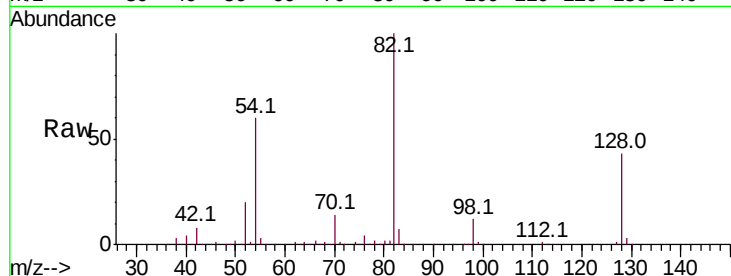
Tot Ion: 82 Resp: 1063508

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

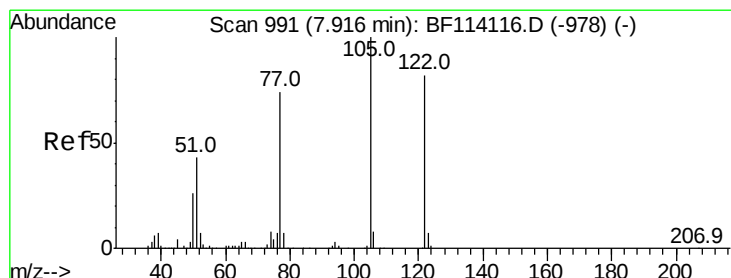
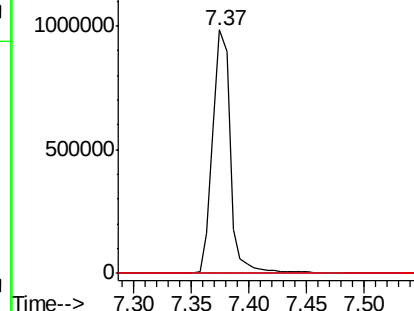
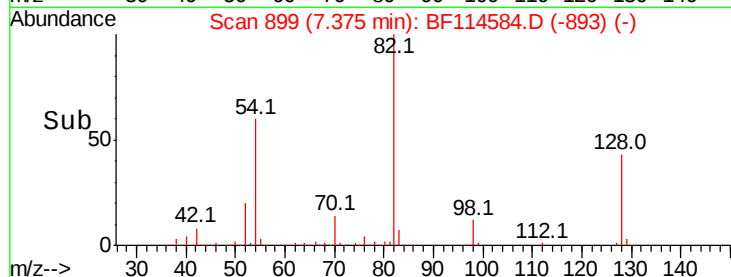
138 0.0 14.8 22.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#32

Benzoic acid

Concen: 7.062 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.19 min

Lab File: BF114584.D

Acq: 24 May 2019 21:51

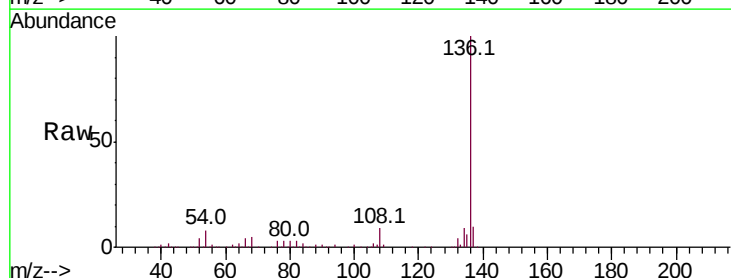
Tgt Ion:122 Resp: 329

Ion Ratio Lower Upper

122 100

105 126.1 99.9 139.9

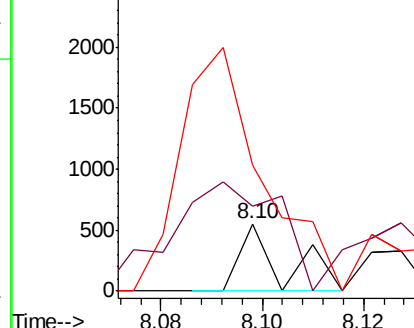
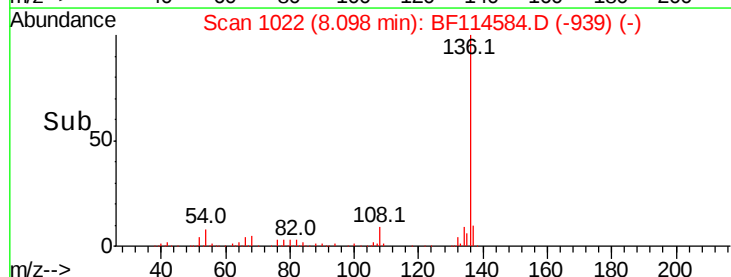
77 186.8 69.4 109.4#

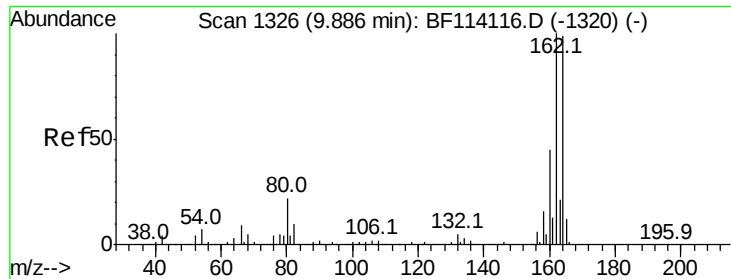


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

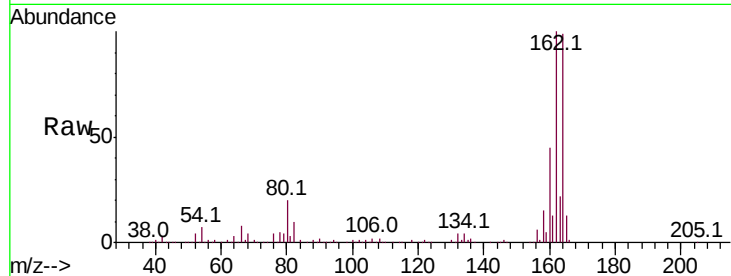




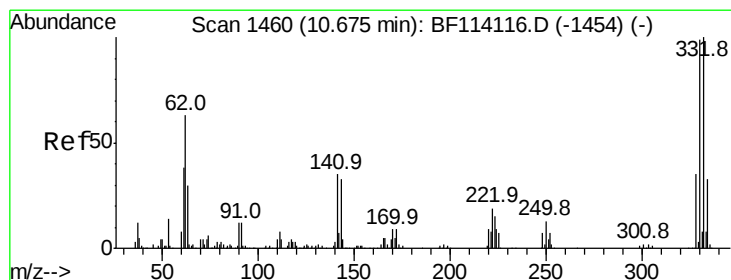
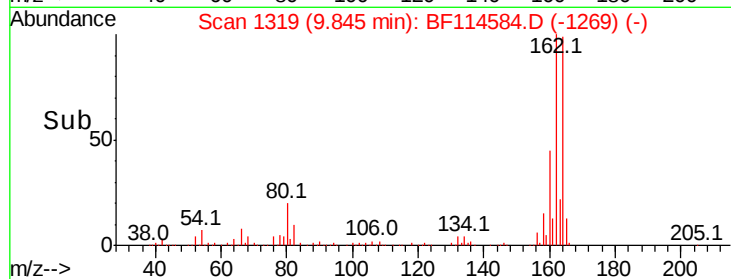
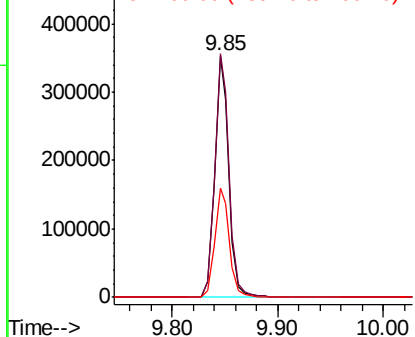
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF114584.D
 Acq: 24 May 2019 21:51

Instrument :
 BNA_F
 ClientSampleId :
 COMP-19

Tot Ion:164 Resp: 333423
 Ion Ratio Lower Upper
 164 100
 162 100.8 80.6 120.8
 160 45.4 36.5 54.7

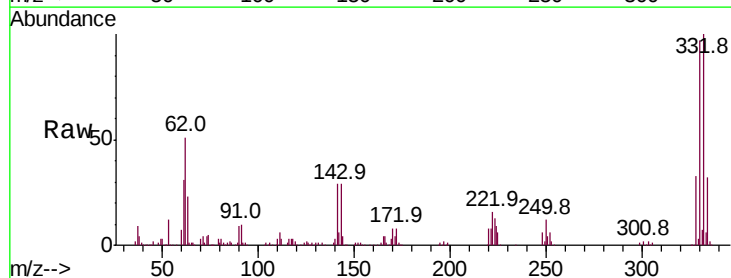


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

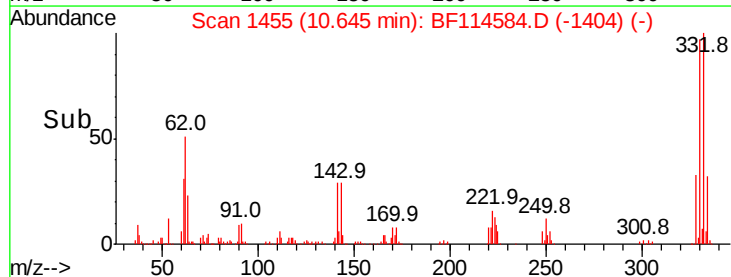
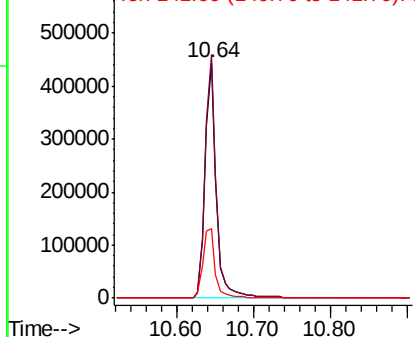


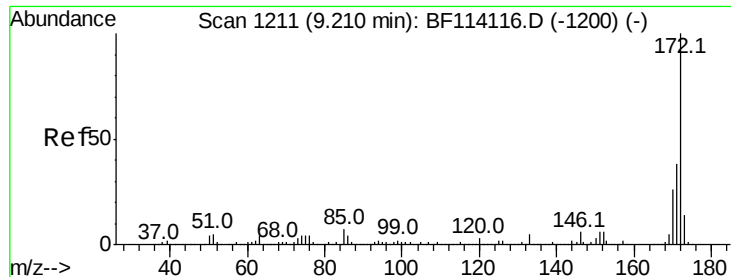
#42
 2,4,6-Tribromophenol
 Concen: 131.389 ng
 RT: 10.64 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF114584.D
 Acq: 24 May 2019 21:51

Tgt Ion:330 Resp: 452902
 Ion Ratio Lower Upper
 330 100
 332 103.6 81.4 122.2
 141 33.3 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

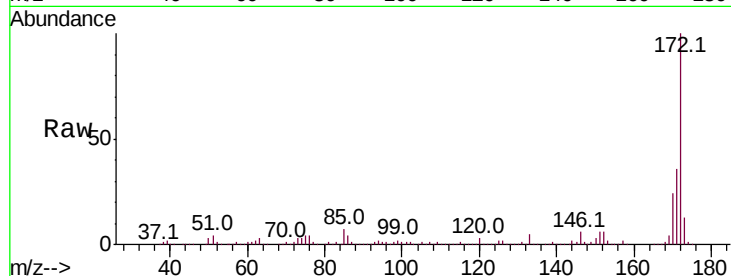




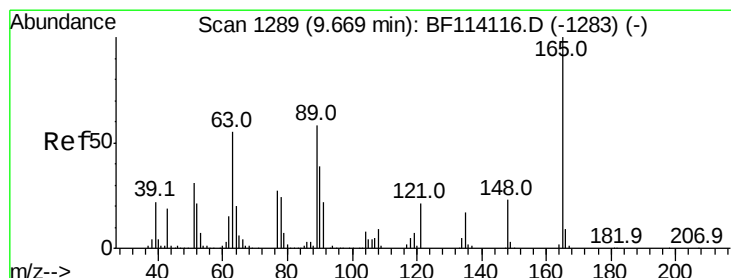
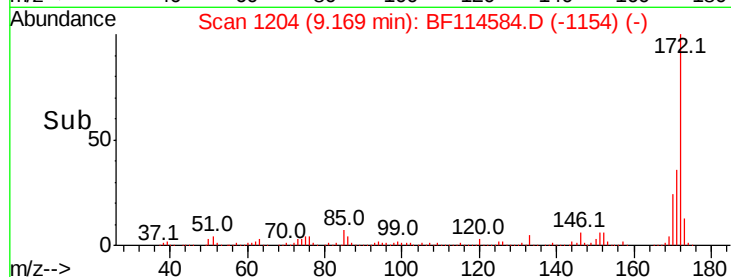
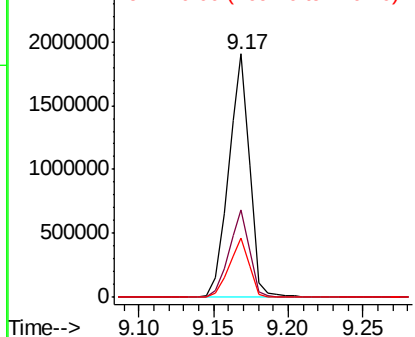
#45
 2-Fluorobiphenyl
 Concen: 85.747 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114584.D
 Acq: 24 May 2019 21:51

Instrument :
 BNA_F
 ClientSampleId :
 COMP-19

Tot Ion:172 Resp: 1890045
 Ion Ratio Lower Upper
 172 100
 171 36.1 30.7 46.1
 170 24.3 20.5 30.7

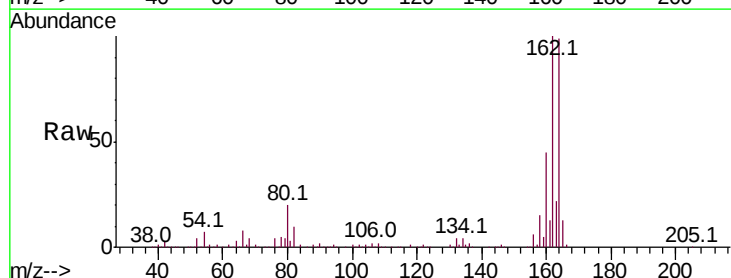


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

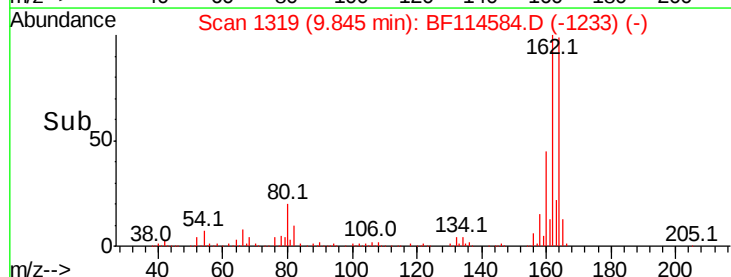
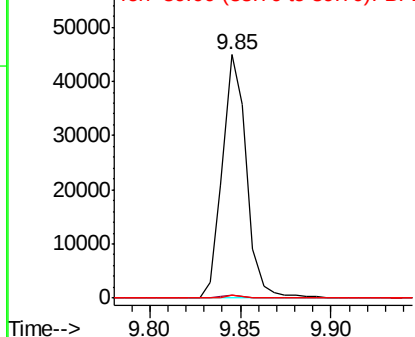


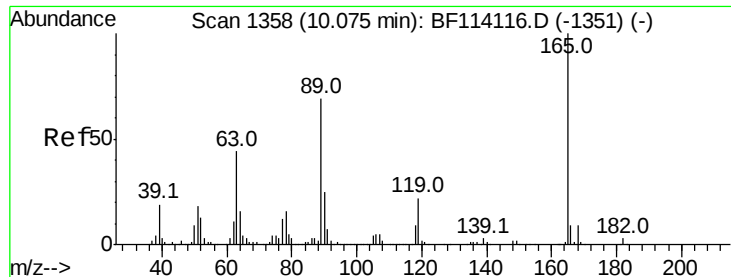
#51
 2,6-Dinitrotoluene
 Concen: 7.709 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF114584.D
 Acq: 24 May 2019 21:51

Tgt Ion:165 Resp: 41851
 Ion Ratio Lower Upper
 165 100
 63 1.1 50.2 75.4#
 89 1.4 46.6 69.8#



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

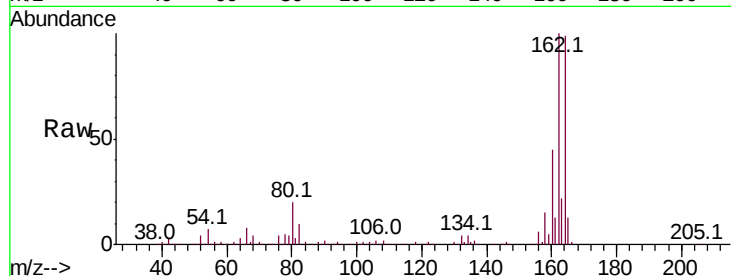




#57
 2,4-Dinitrotoluene
 Concen: 5.680 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF114584.D
 Acq: 24 May 2019 21:51

Instrument :
 BNA_F
 ClientSampleId :
 COMP-19

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	35.5	53.3#
89	1.4	55.2	82.8#
182	0.0	2.2	3.2#

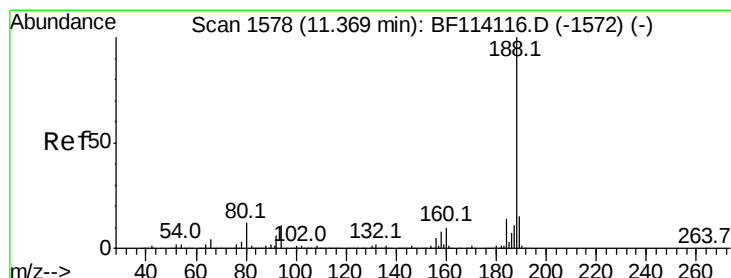
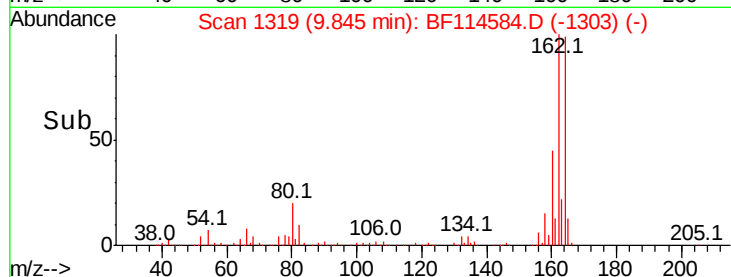
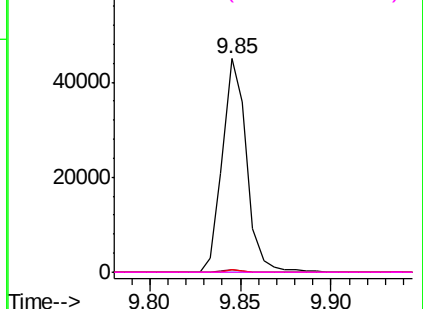


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

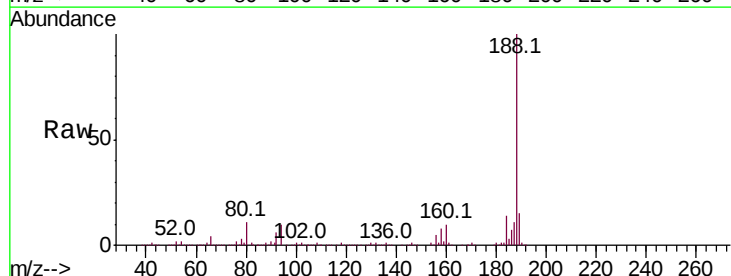
Ion 89.00 (88.70 to 89.70): BF1

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. -0.01 min
 Lab File: BF114584.D
 Acq: 24 May 2019 21:51

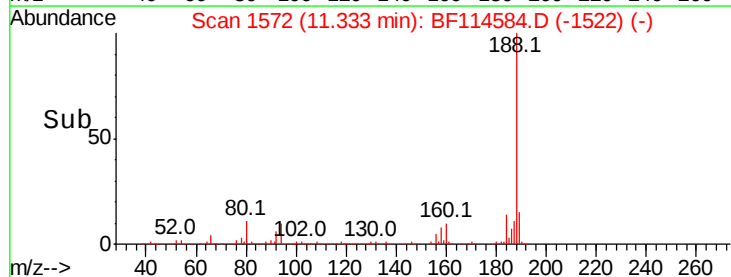
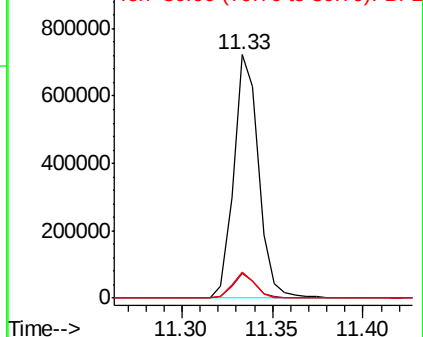
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.4	12.6
80	10.6	9.2	13.8

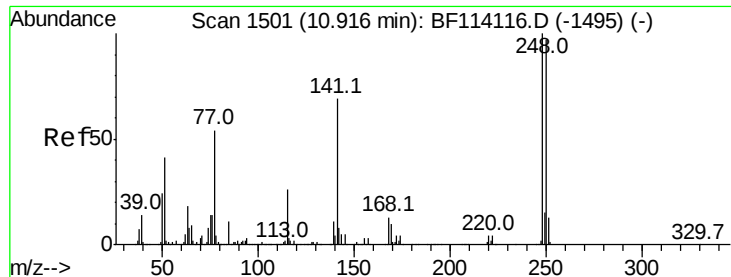


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#67

4-Bromophenyl-phenylether

Concen: 3.812 ng

RT: 10.64 min Scan# 1455

Delta R.T. -0.23 min

Lab File: BF114584.D

Acq: 24 May 2019 21:51

Instrument :

BNA_F

ClientSampleId :

COMP-19

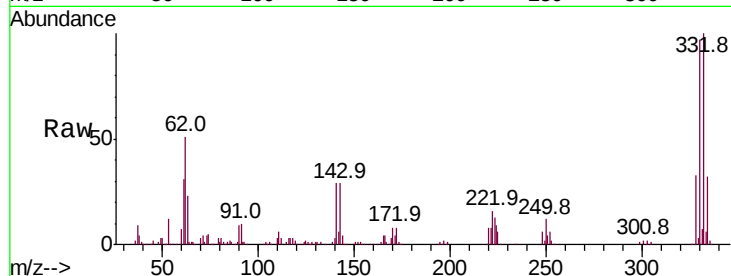
Tot Ion:248 Resp: 28959

Ion Ratio Lower Upper

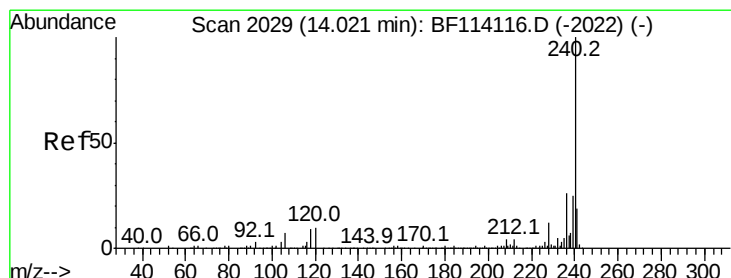
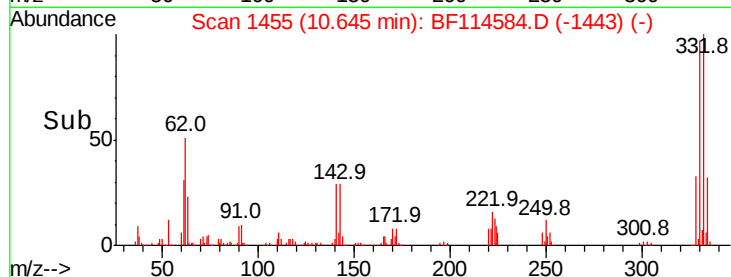
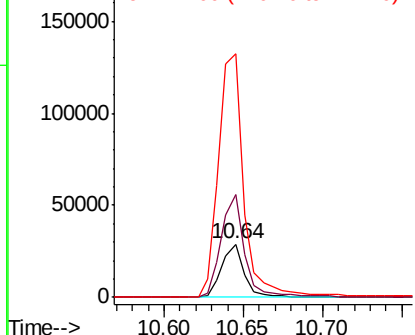
248 100

250 193.6 77.4 116.2#

141 460.0 55.6 83.4#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF114584.D

Acq: 24 May 2019 21:51

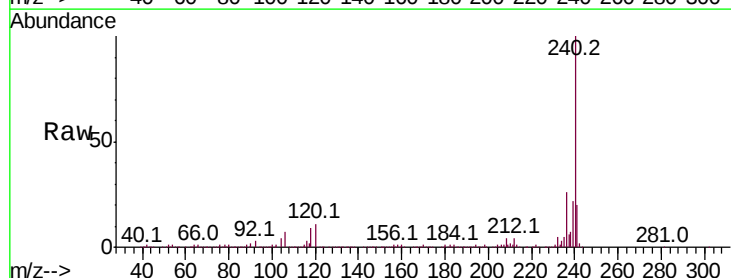
Tgt Ion:240 Resp: 553394

Ion Ratio Lower Upper

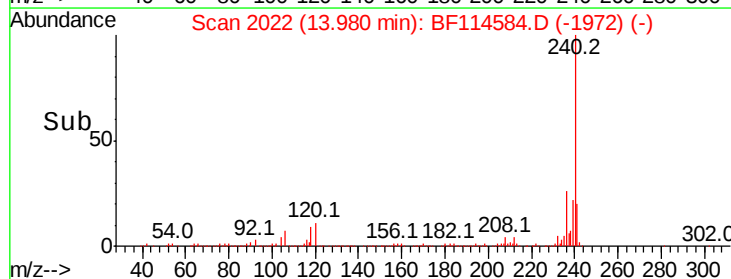
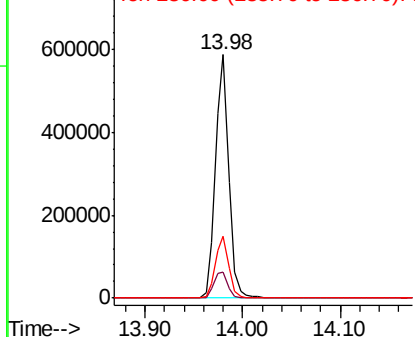
240 100

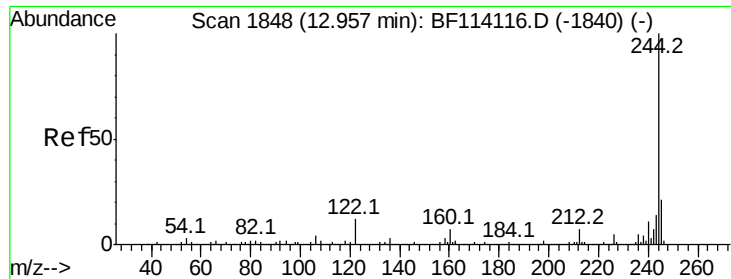
120 10.9 8.3 12.5

236 25.6 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: 79.762 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF114584.D

Acq: 24 May 2019 21:51

Instrument :

BNA_F

ClientSampled :

COMP-19

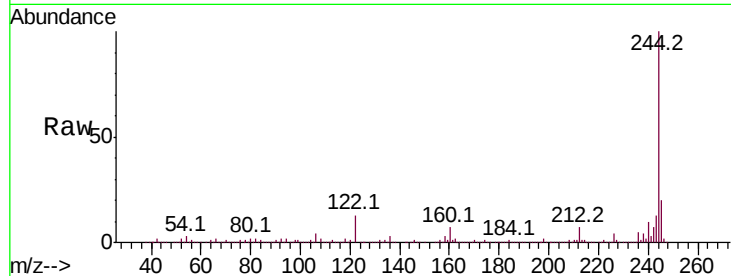
Tot Ion:244 Resp: 2141220

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

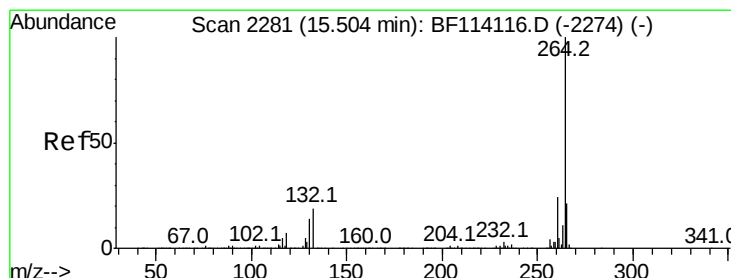
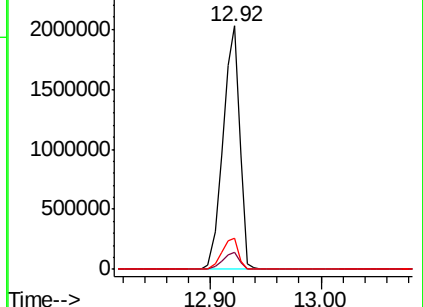
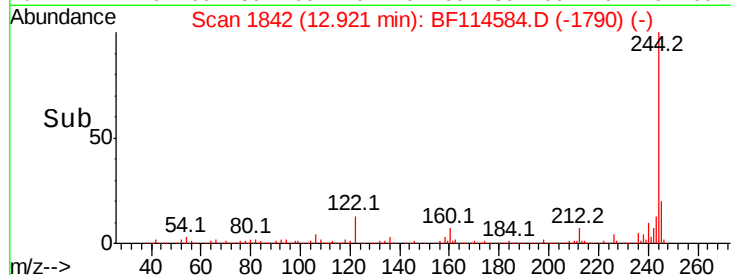
122 12.6 9.4 14.2



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: 15.44 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BF114584.D

Acq: 24 May 2019 21:51

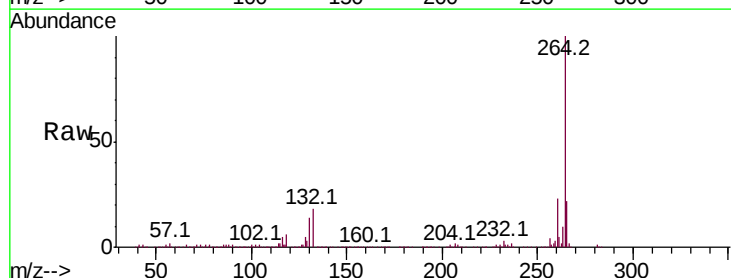
Tgt Ion:264 Resp: 556959

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.0

265 22.1 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

