

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
 Data File : BF114386.D
 Acq On : 18 May 2019 13:06
 Operator : JU/SJ
 Sample : K2894-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 04:08:49 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

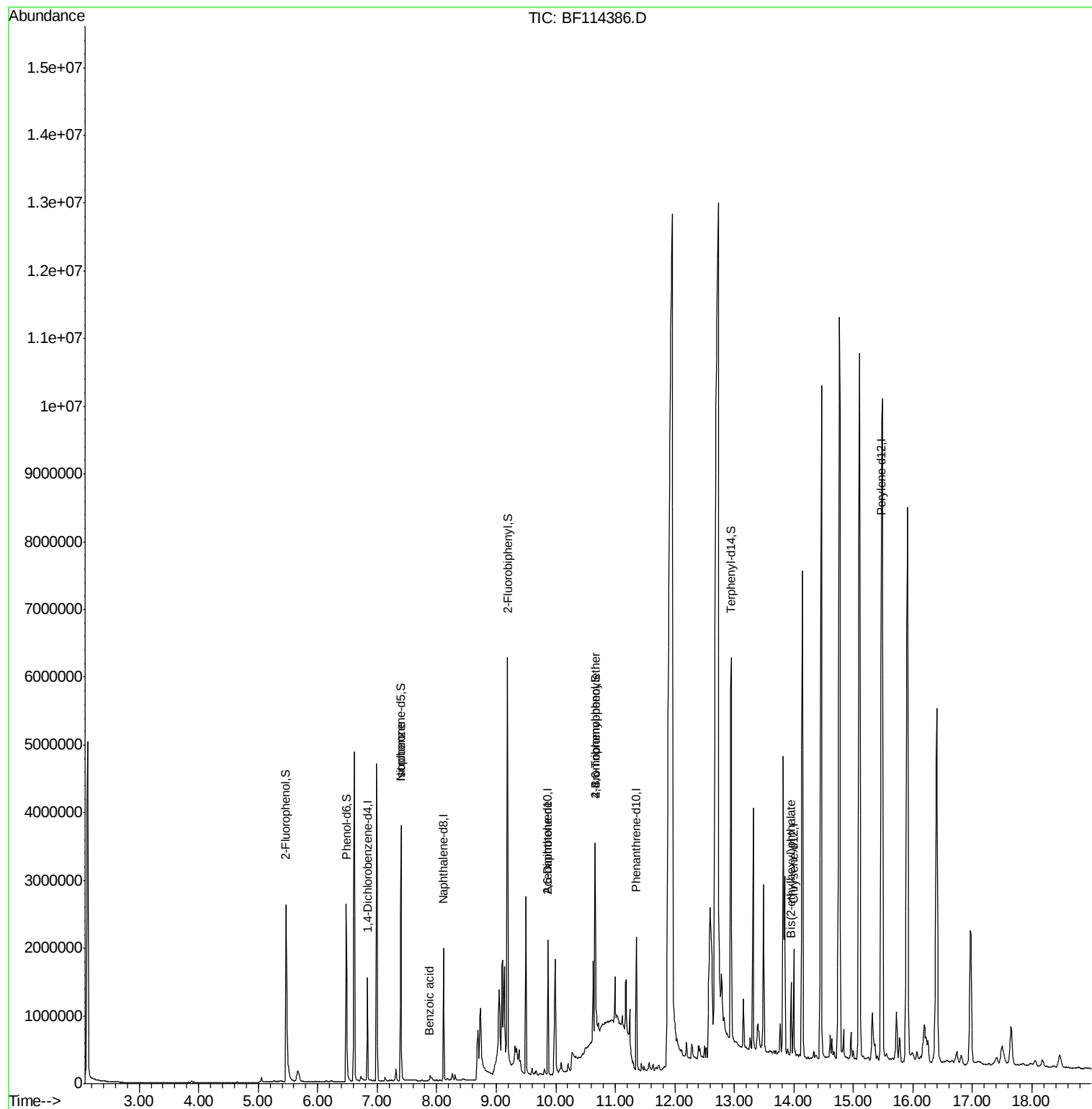
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	223821	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	841538	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	402472	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	801807	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	568475	20.00	ng	-0.02
87) Perylene-d12	15.46	264	430140	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1042147	74.93	ng	-0.01
7) Phenol-d6	6.48	99	915797	55.67	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1294231	86.31	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	436289	104.85	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	2137662	80.34	ng	-0.02
79) Terphenyl-d14	12.94	244	2256579	81.83	ng	-0.01
Target Compounds						
25) Isophorone	7.40	82	1296586	46.622	ng	# 64
32) Benzoic acid	7.87	122	1069	7.131	ng	# 81
51) 2,6-Dinitrotoluene	9.87	165	51630	7.879	ng	# 24
67) 4-Bromophenyl-phenylether	10.66	248	27792	3.148	ng	# 1
84) Bis(2-ethylhexyl)phthalate	13.95	149	361042	14.341	ng	98

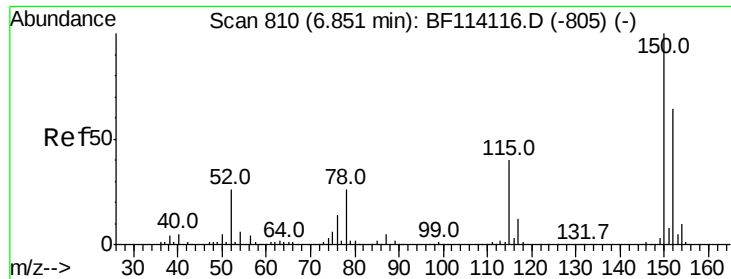
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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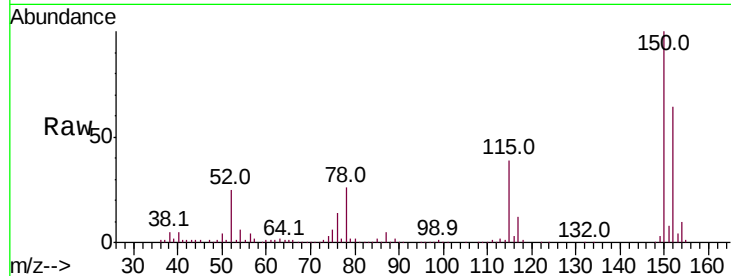


#1

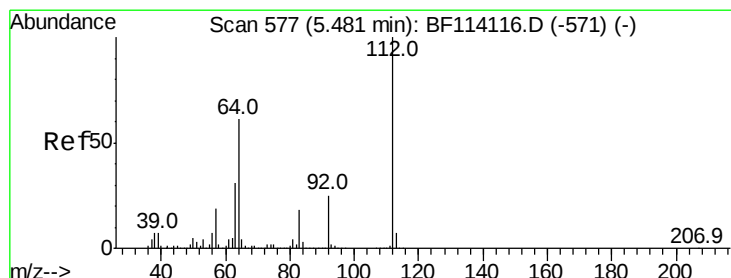
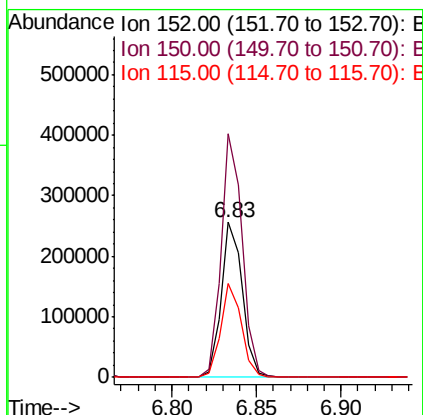
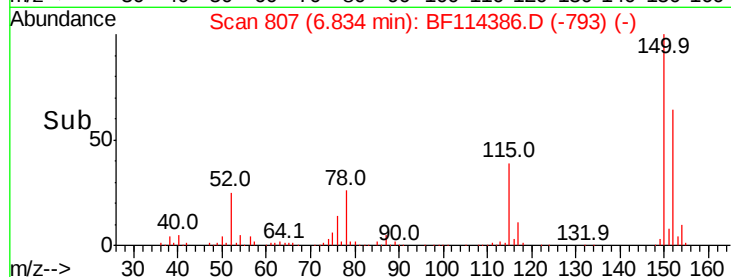
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF114386.D
Acq: 18 May 2019 13:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 223821
Ion Ratio Lower Upper
152 100
150 157.1 124.3 186.5
115 60.7 49.1 73.7



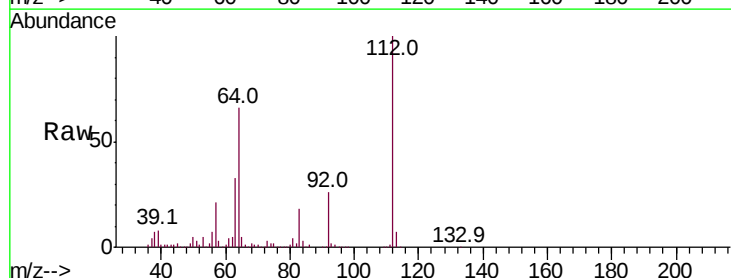
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



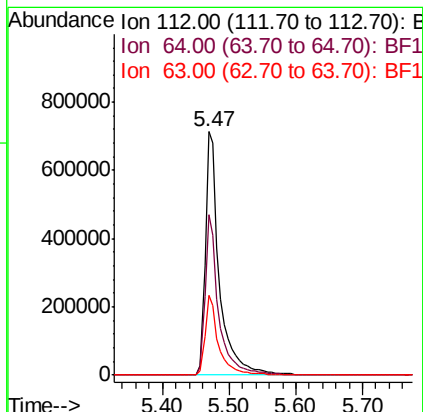
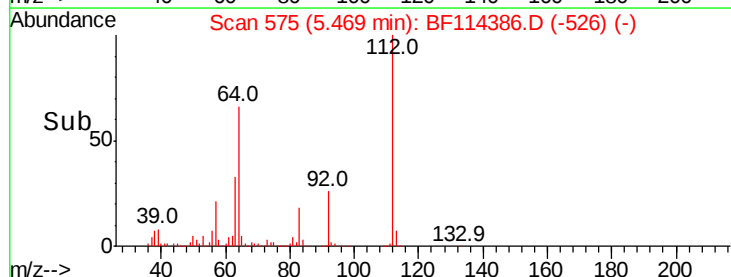
#5

2-Fluorophenol
Concen: 74.930 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF114386.D
Acq: 18 May 2019 13:06

Tgt Ion:112 Resp: 1042147
Ion Ratio Lower Upper
112 100
64 65.7 49.0 73.6
63 32.9 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: 55.672 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114386.D

Acq: 18 May 2019 13:06

Instrument :

BNA_F

ClientSampleId :

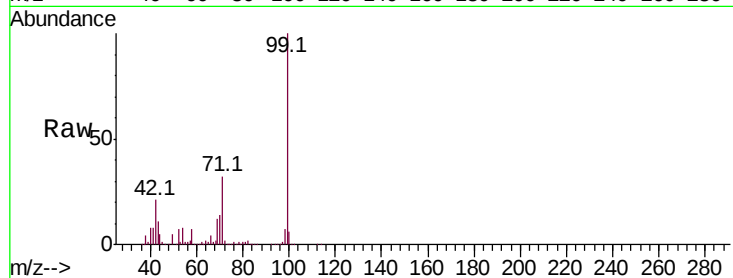
Tot Ion: 99 Resp: 915797

Ion Ratio Lower Upper

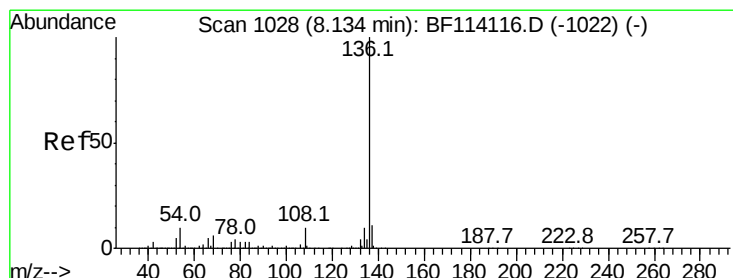
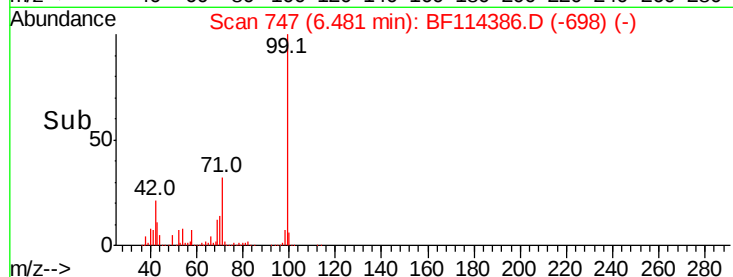
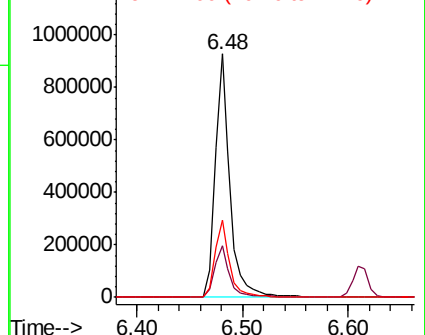
99 100

42 21.4 17.9 26.9

71 31.7 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: BF114386.D

Acq: 18 May 2019 13:06

Tgt Ion: 136 Resp: 841538

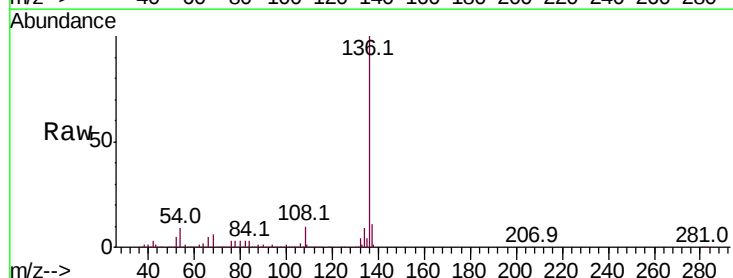
Ion Ratio Lower Upper

136 100

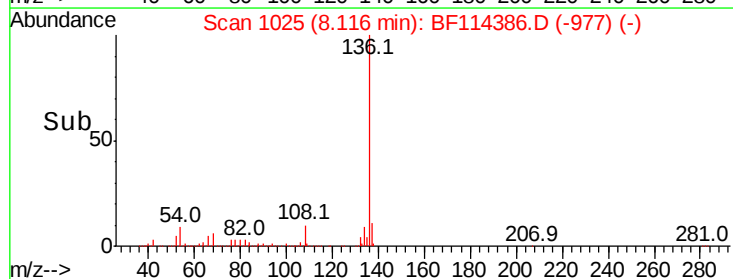
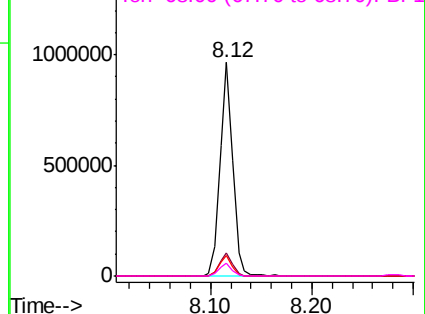
137 11.1 8.8 13.2

54 9.4 7.8 11.8

68 6.2 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: 86.309 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF114386.D

Acq: 18 May 2019 13:06

Instrument :

BNA_F

ClientSampleId :

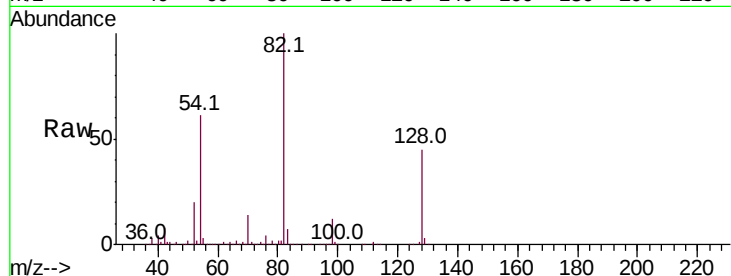
Tot Ion: 82 Resp: 1294231

Ion Ratio Lower Upper

82 100

128 44.8 35.5 53.3

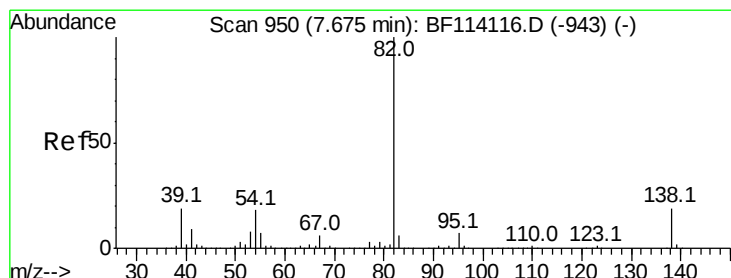
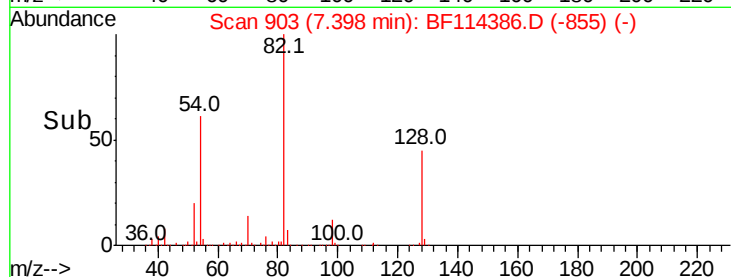
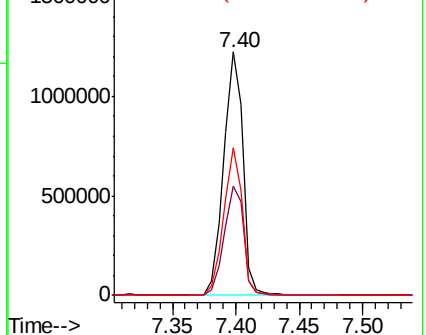
54 60.8 48.5 72.7



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



#25

Isophorone

Concen: 46.622 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF114386.D

Acq: 18 May 2019 13:06

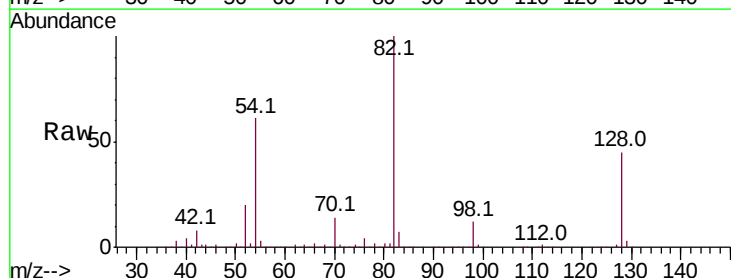
Tgt Ion: 82 Resp: 1296586

Ion Ratio Lower Upper

82 100

95 0.1 5.6 8.4#

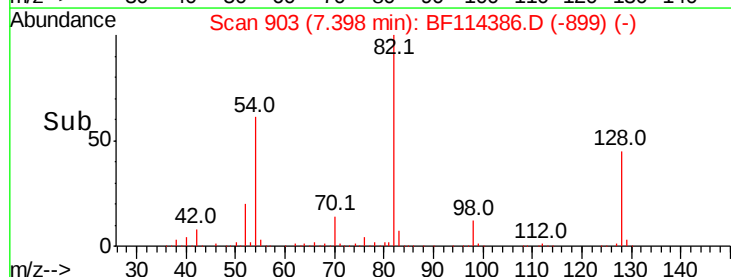
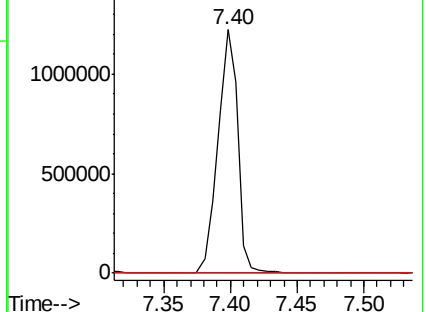
138 0.0 14.8 22.2#

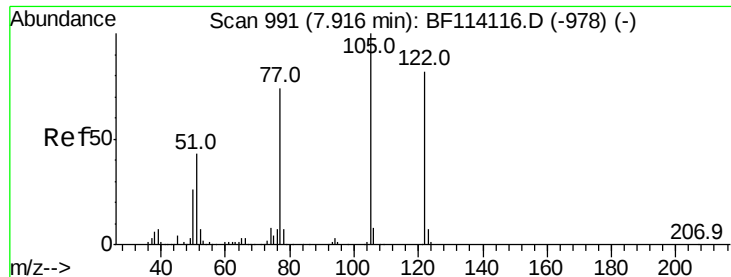


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

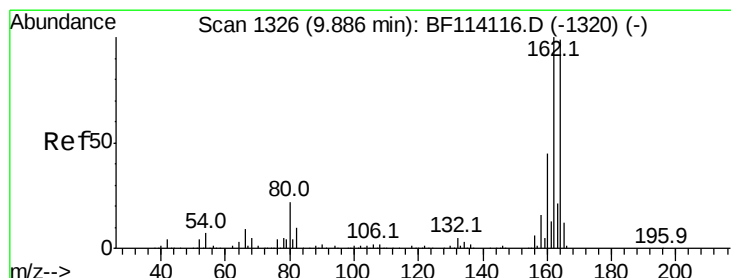
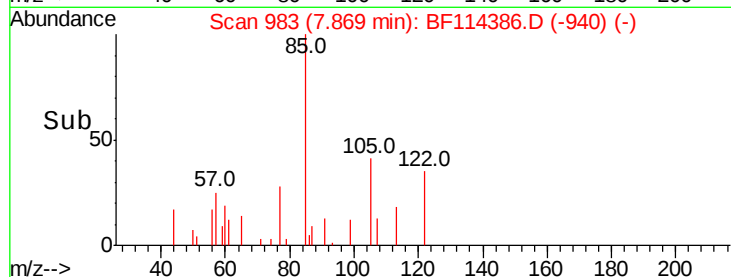
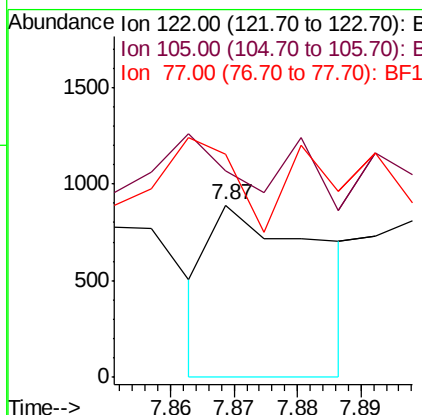
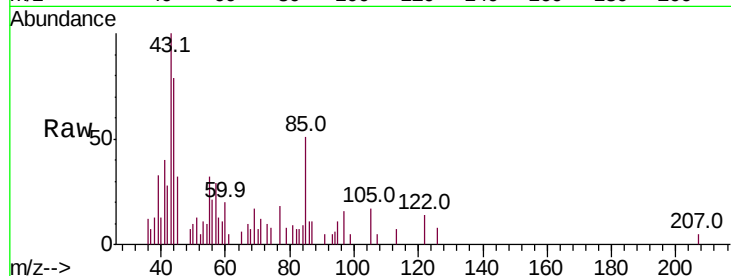




#32
Benzoic acid
Concen: 7.131 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.05 min
Lab File: BF114386.D
Acq: 18 May 2019 13:06

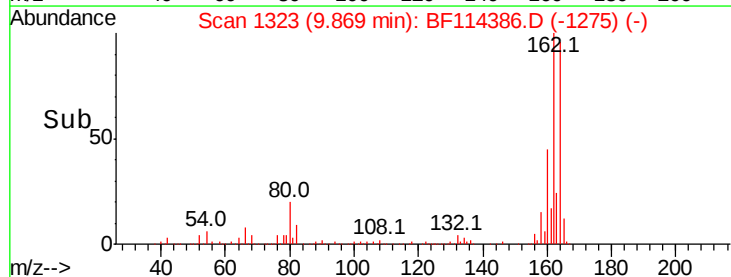
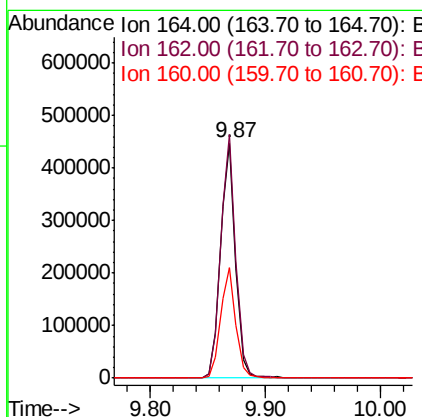
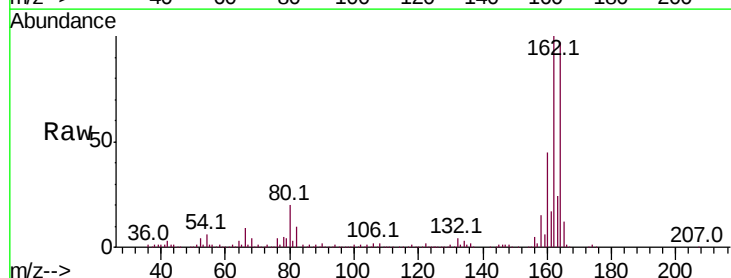
Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 1069
Ion Ratio Lower Upper
122 100
105 119.7 99.9 139.9
77 129.9 69.4 109.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF114386.D
Acq: 18 May 2019 13:06

Tgt Ion:164 Resp: 402472
Ion Ratio Lower Upper
164 100
162 103.5 80.6 120.8
160 46.8 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 104.855 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF114386.D

Acq: 18 May 2019 13:06

Instrument :

BNA_F

ClientSampleId :

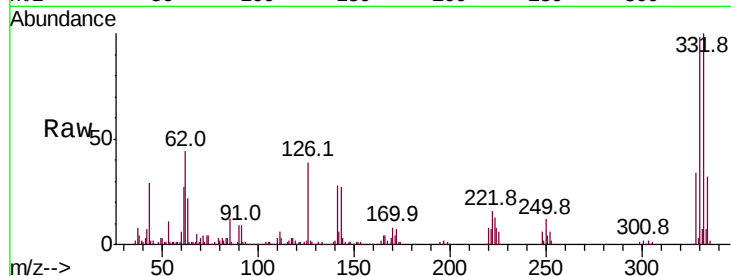
Tot Ion:330 Resp: 436289

Ion Ratio Lower Upper

330 100

332 102.5 81.4 122.2

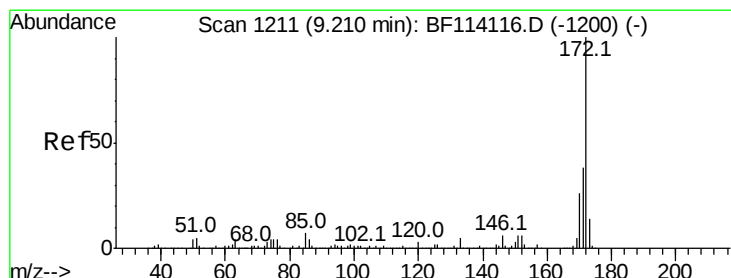
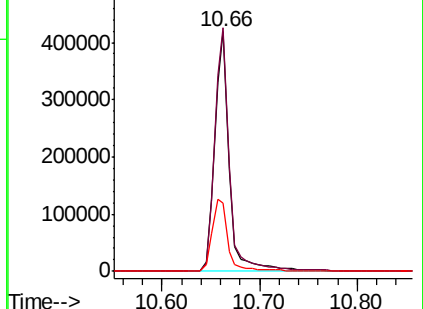
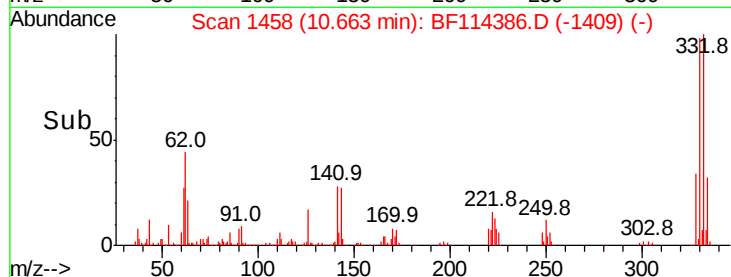
141 33.0 26.6 40.0



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: 80.343 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.02 min

Lab File: BF114386.D

Acq: 18 May 2019 13:06

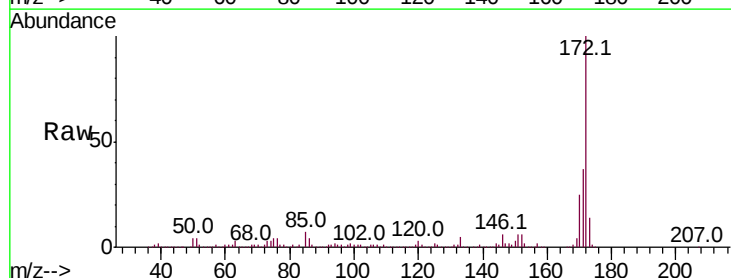
Tgt Ion:172 Resp: 2137662

Ion Ratio Lower Upper

172 100

171 36.6 30.7 46.1

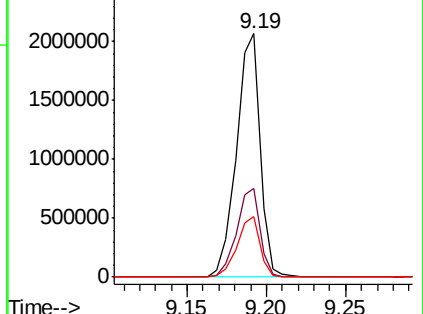
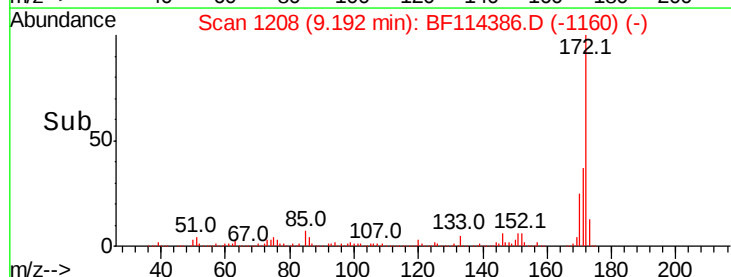
170 24.7 20.5 30.7

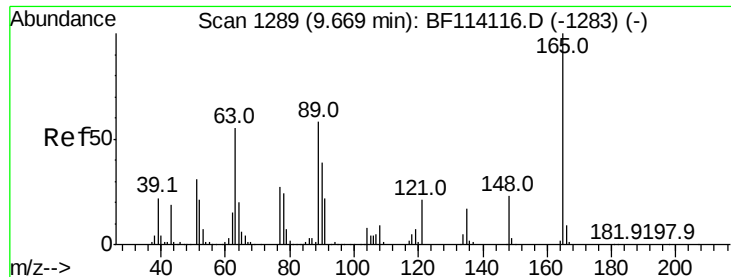


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 7.879 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.20 min

Lab File: BF114386.D

Acq: 18 May 2019 13:06

Instrument :

BNA_F

ClientSampleId :

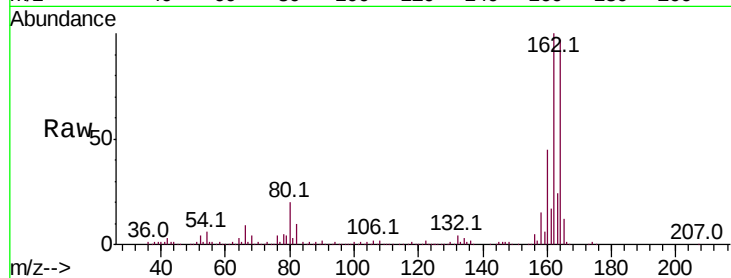
Tot Ion:165 Resp: 51630

Ion Ratio Lower Upper

165 100

63 3.3 50.2 75.4#

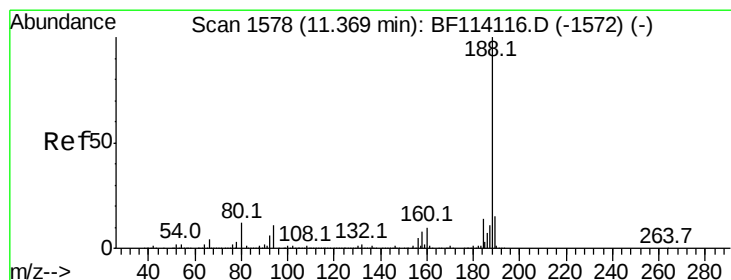
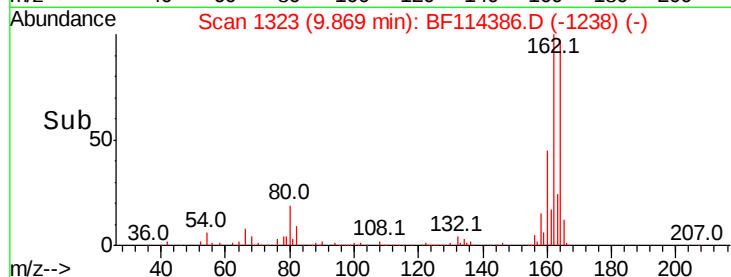
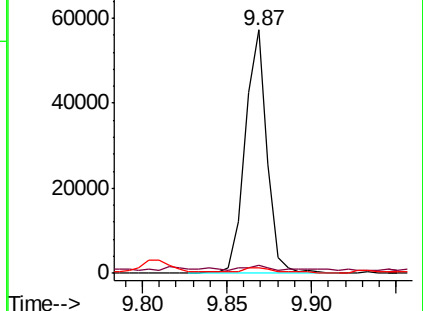
89 2.2 46.6 69.8#



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF114386.D

Acq: 18 May 2019 13:06

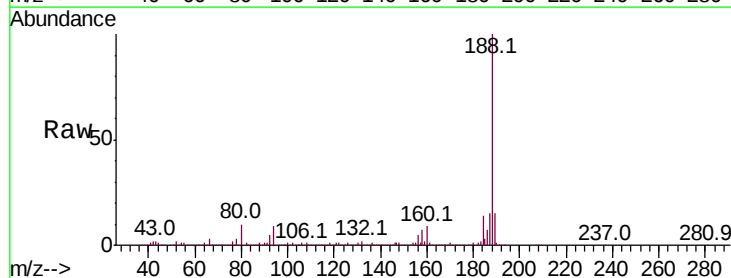
Tgt Ion:188 Resp: 801807

Ion Ratio Lower Upper

188 100

94 9.4 8.4 12.6

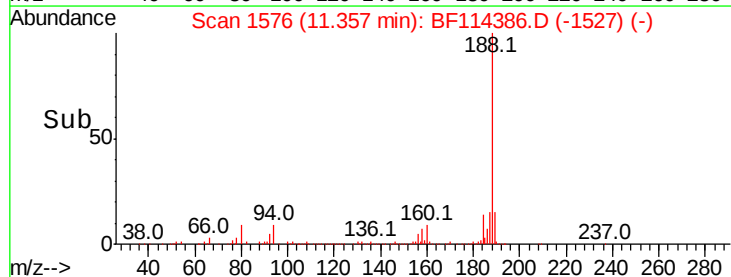
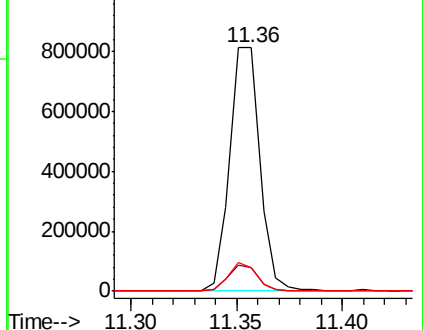
80 9.6 9.2 13.8

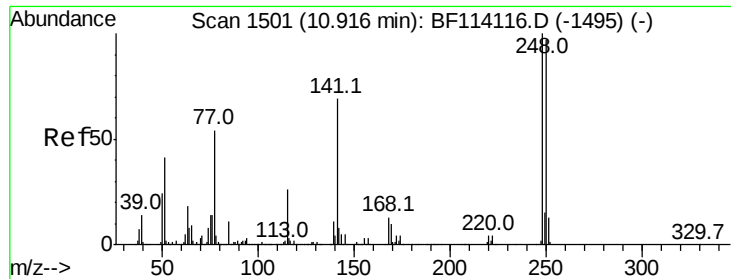


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

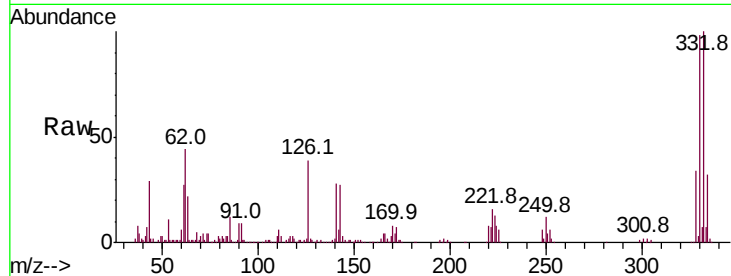




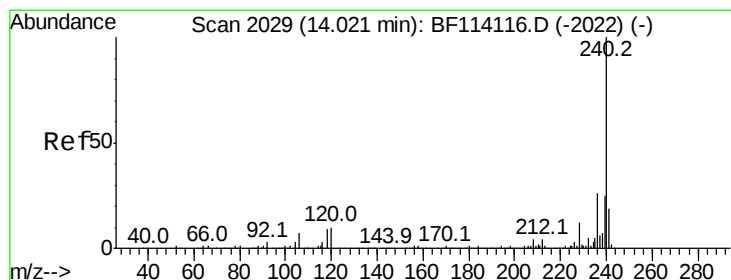
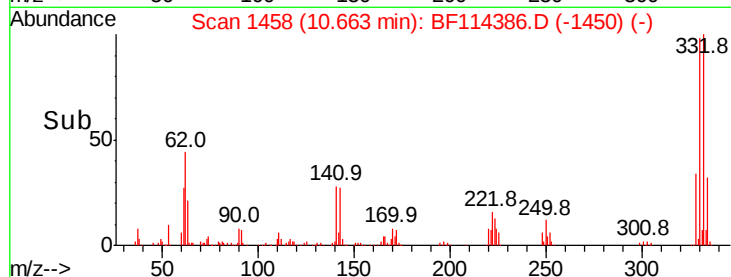
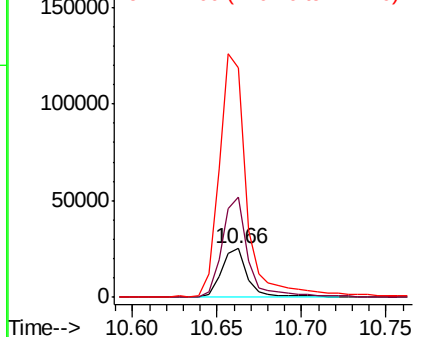
#67
4-Bromophenyl-phenylether
Concen: 3.148 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF114386.D
Acq: 18 May 2019 13:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 27792
Ion Ratio Lower Upper
248 100
250 205.2 77.4 116.2#
141 470.5 55.6 83.4#

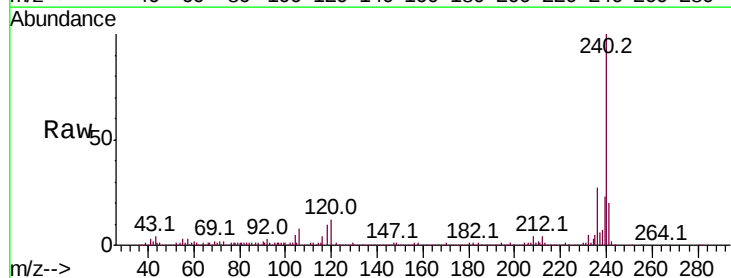


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

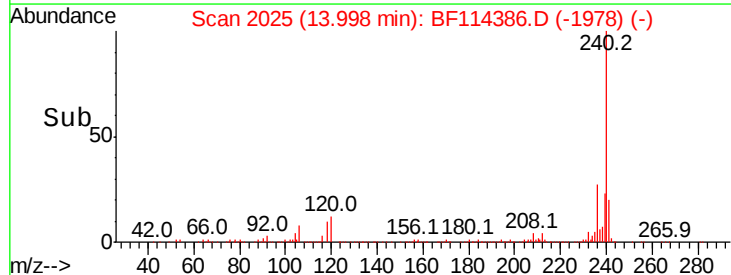
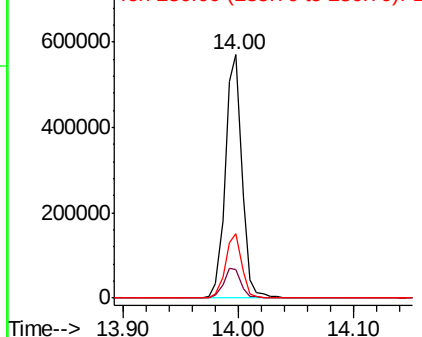


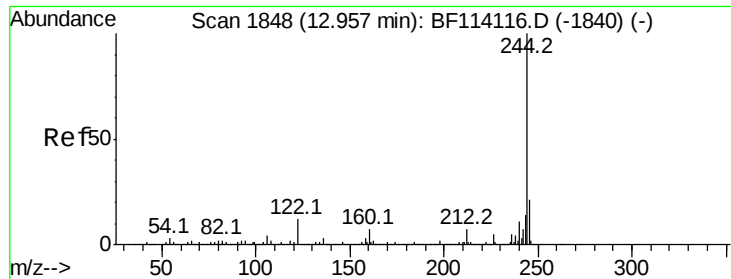
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF114386.D
Acq: 18 May 2019 13:06

Tgt Ion:240 Resp: 568475
Ion Ratio Lower Upper
240 100
120 11.8 8.3 12.5
236 26.5 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



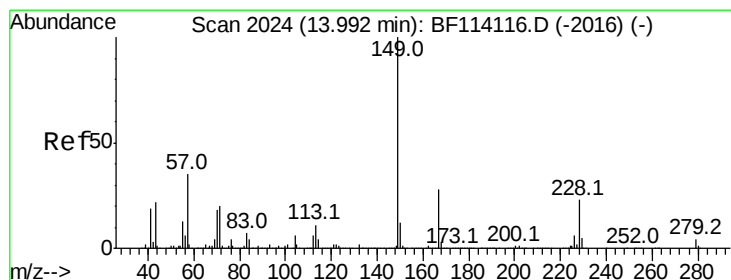
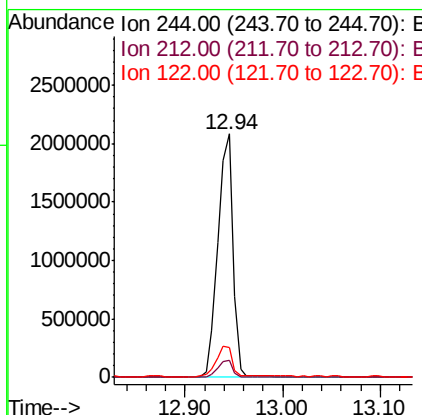
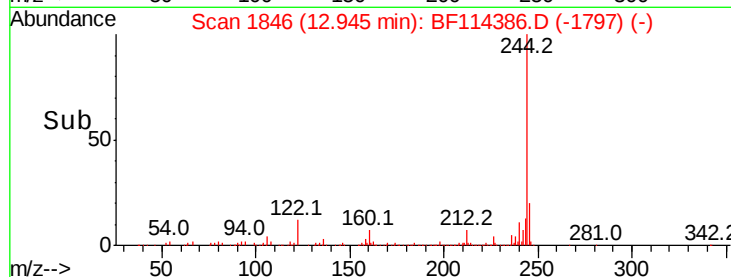
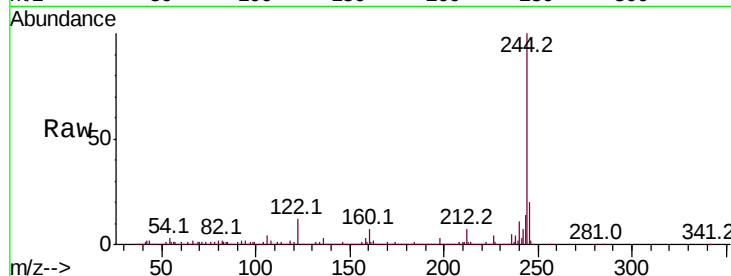


#79
 Terphenyl-d14
 Concen: 81.829 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF114386.D
 Acq: 18 May 2019 13:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2256579

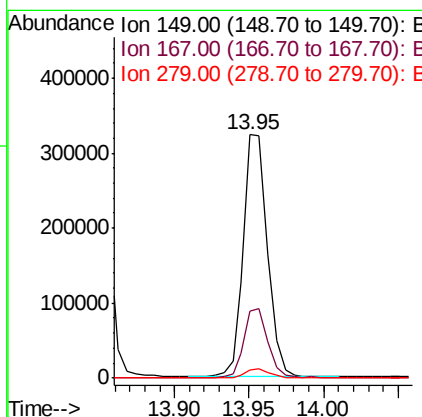
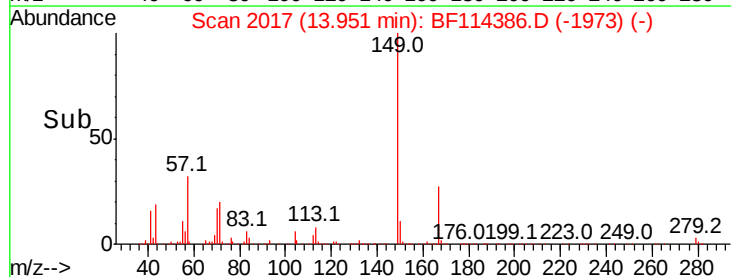
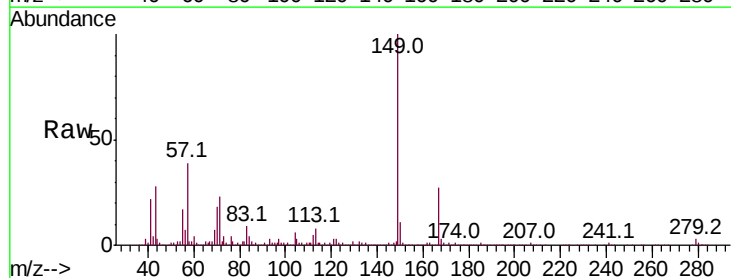
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	12.4	9.4	14.2

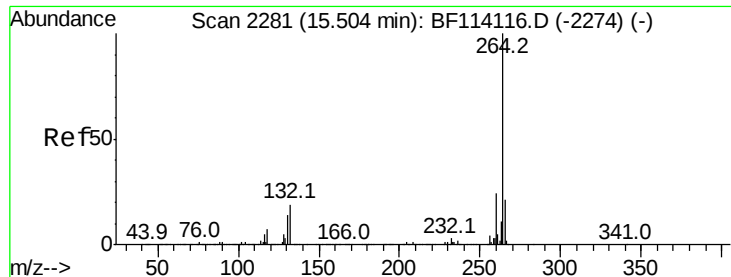


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 14.341 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.04 min
 Lab File: BF114386.D
 Acq: 18 May 2019 13:06

Tgt Ion:149 Resp: 361042

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.6	33.8
279	3.4	3.0	4.6

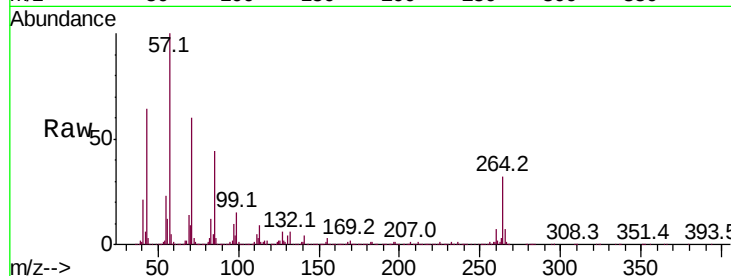




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.04 min
 Lab File: BF114386.D
 Acq: 18 May 2019 13:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.4	29.0
265	20.5	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

