

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101619\
 Data File : BF117416.D
 Acq On : 16 Oct 2019 16:26
 Operator : JU
 Sample : K5335-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-GAC2-191010

Quant Time: Oct 17 01:00:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 19:03:29 2019
 Response via : Initial Calibration

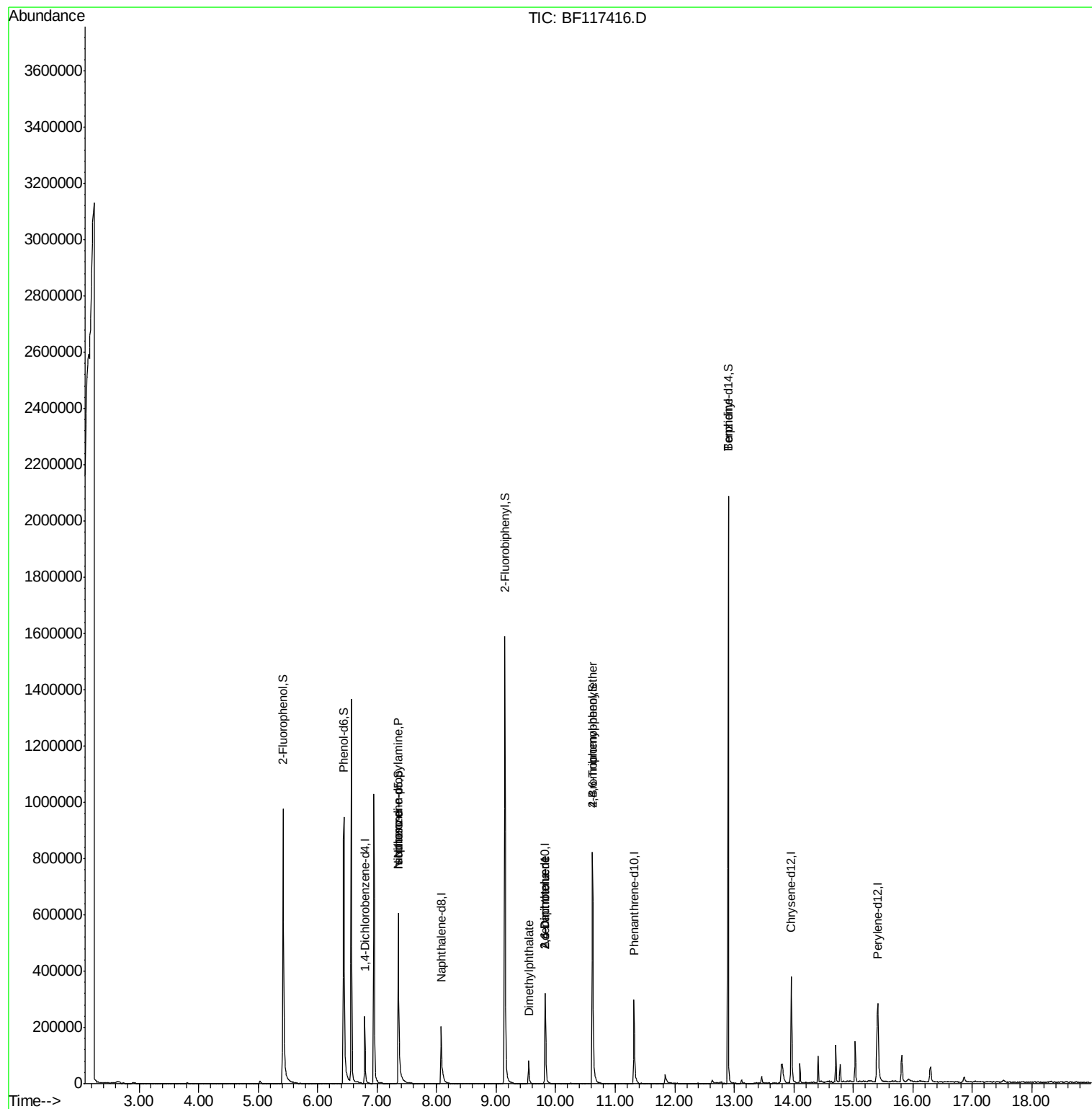
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	42698	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	171098	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	90781	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	162069	20.00	ng	0.00
76) Chrysene-d12	13.96	240	150068	20.00	ng	0.00
87) Perylene-d12	15.42	264	148673	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	345383	124.46	ng	0.00
7) Phenol-d6	6.44	99	455606	123.74	ng	0.00
23) Nitrobenzene-d5	7.36	82	301138	89.22	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	112632	152.45	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	557033	89.46	ng	0.00
79) Terphenyl-d14	12.90	244	688761	74.82	ng	0.00
Target Compounds						
9) Benzaldehyde	6.44	77	436	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.36	70	37182	15.838 ng	#	80
25) Isophorone	7.36	82	301136	50.083 ng	#	67
50) Dimethylphthalate	9.55	163	48034	7.368 ng	#	95
51) 2,6-Dinitrotoluene	9.83	165	11013	8.036 ng	#	21
57) 2,4-Dinitrotoluene	9.83	165	11013	6.091 ng	#	12
67) 4-Bromophenyl-phenylether	10.62	248	7005	3.941 ng	#	1
77) Benzidine	12.90	184	8834	2.380 ng	#	92

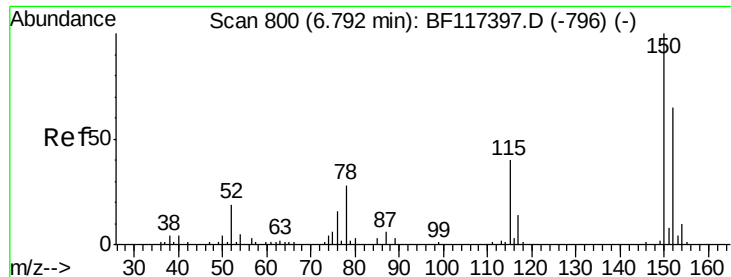
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101619\
Data File : BF117416.D
Acq On : 16 Oct 2019 16:26
Operator : JU
Sample : K5335-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-GAC2-191010

Quant Time: Oct 17 01:00:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 19:03:29 2019
Response via : Initial Calibration



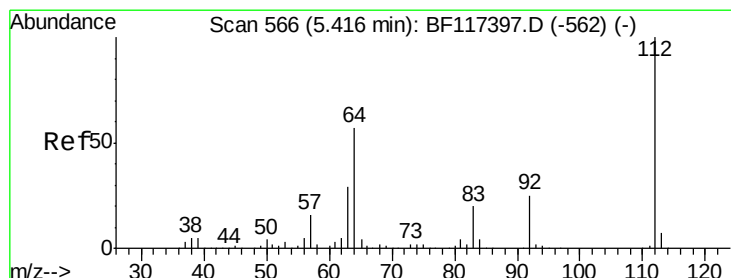
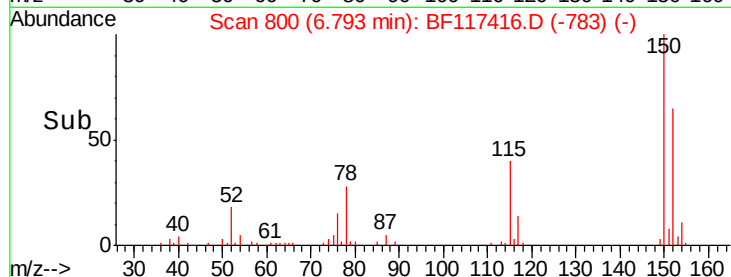
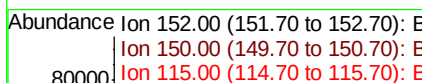
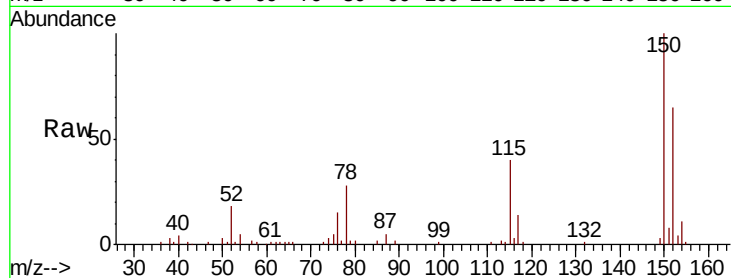


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF117416.D
Acq: 16 Oct 2019 16:26

Instrument :
BNA_F
ClientSampleId :
IDW-GAC2-191010

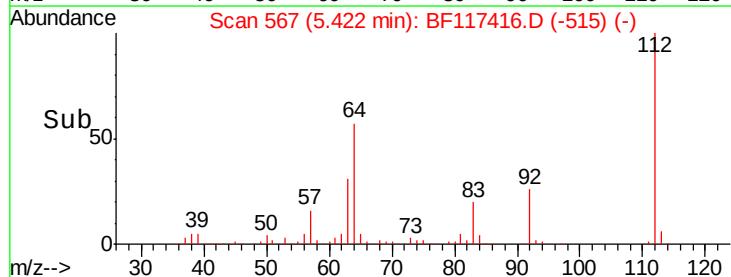
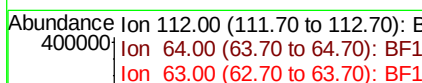
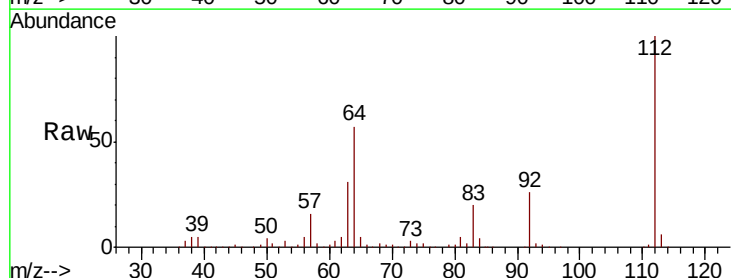
Tot Ion:152 Resp: 42698
Ion Ratio Lower Upper
152 100
150 154.9 122.7 184.1
115 61.6 48.6 73.0

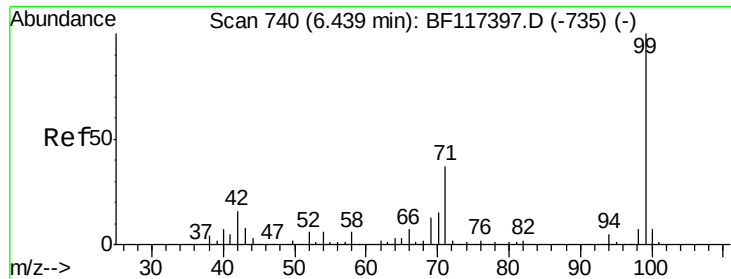


#5

2-Fluorophenol
Concen: 124.459 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF117416.D
Acq: 16 Oct 2019 16:26

Tgt Ion:112 Resp: 345383
Ion Ratio Lower Upper
112 100
64 57.0 45.2 67.8
63 30.5 23.4 35.2





#7

Phenol-d6

Concen: 123.739 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF117416.D

Acq: 16 Oct 2019 16:26

Instrument :

BNA_F

ClientSampleId :

IDW-GAC2-191010

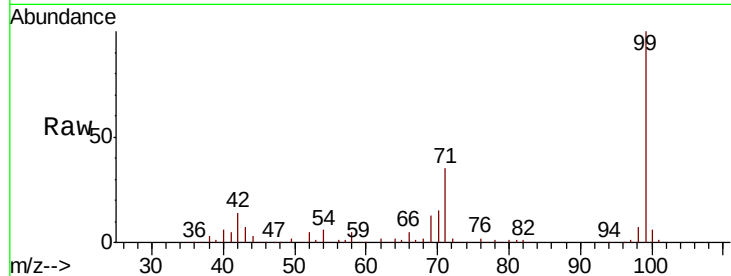
Tot Ion: 99 Resp: 455606

Ion Ratio Lower Upper

99 100

42 14.5 12.5 18.7

71 35.2 29.2 43.8

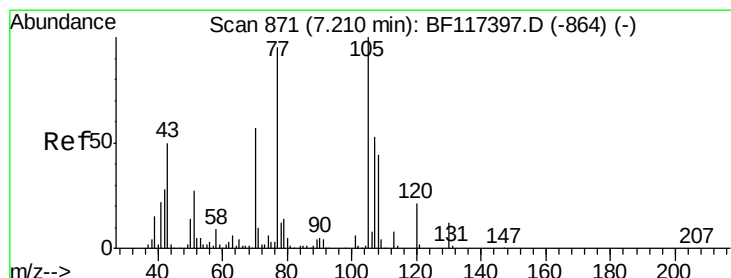
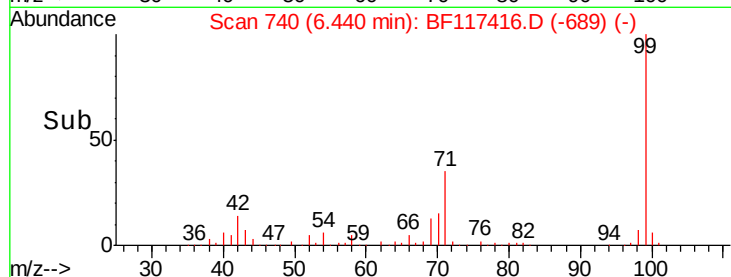
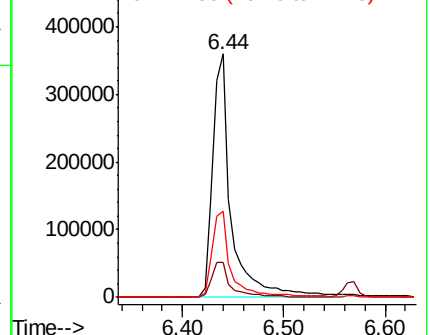


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 15.838 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF117416.D

Acq: 16 Oct 2019 16:26

Tgt Ion: 70 Resp: 37182

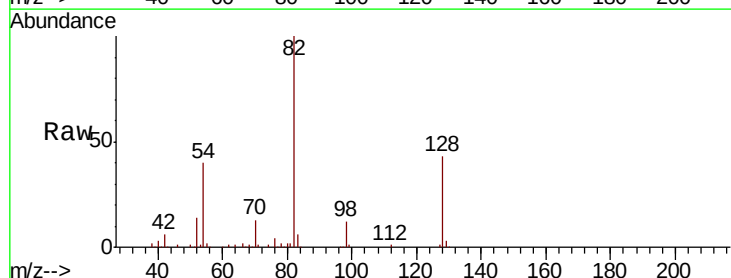
Ion Ratio Lower Upper

70 100

42 41.9 39.8 59.8

101 0.0 8.1 12.1#

130 2.7 16.4 24.6#



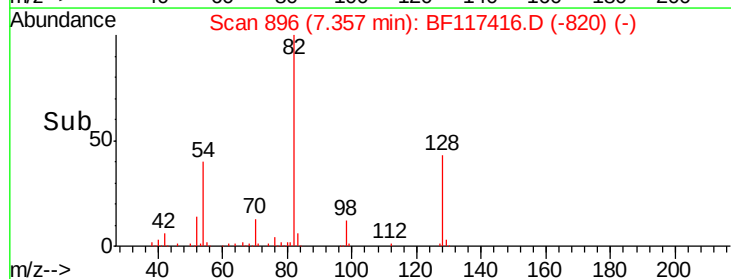
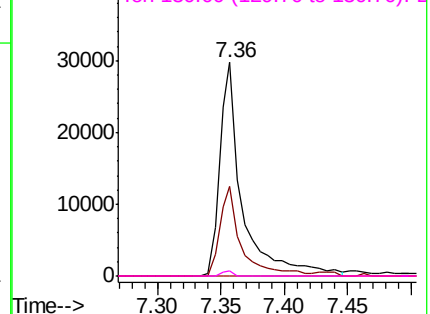
Abundance

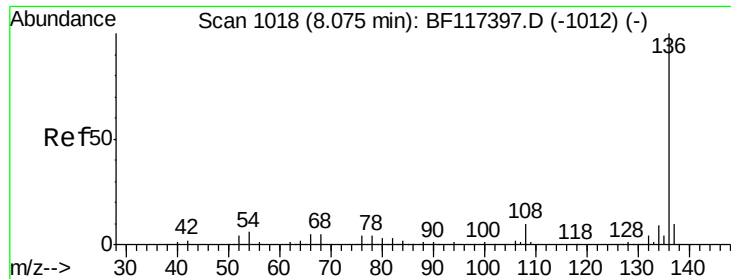
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

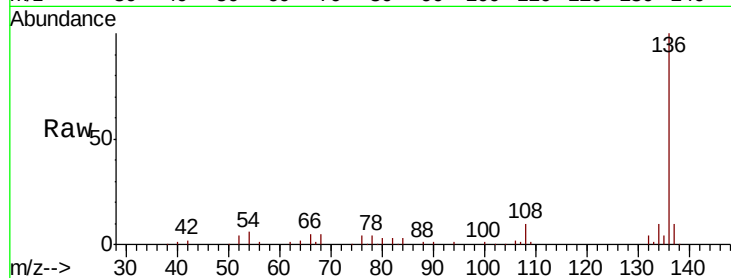




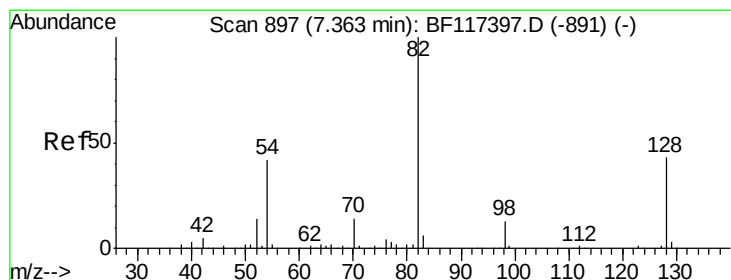
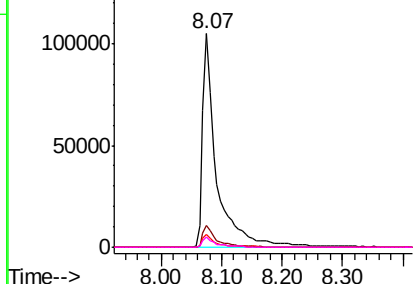
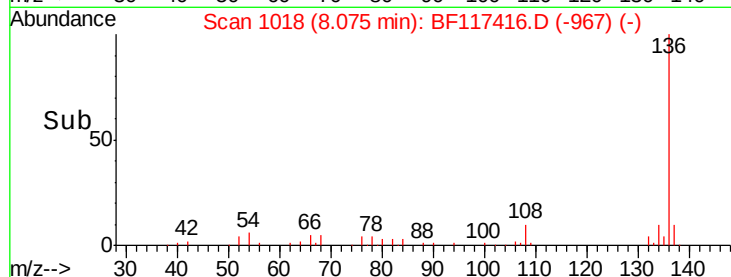
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF117416.D
Acq: 16 Oct 2019 16:26

Instrument :
BNA_F
ClientSampleId :
IDW-GAC2-191010

Tot Ion:136	Resp:	171098
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.4 12.6
54	6.1	4.6 6.8
68	4.6	3.8 5.8

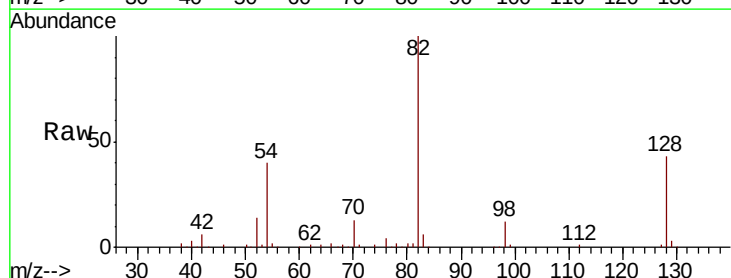


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

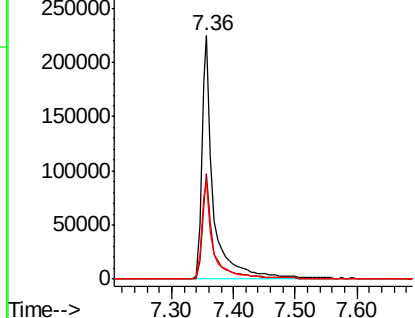
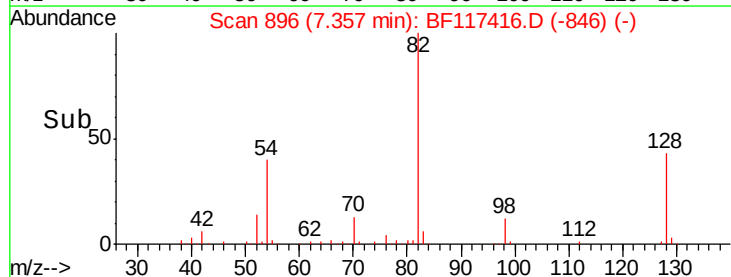


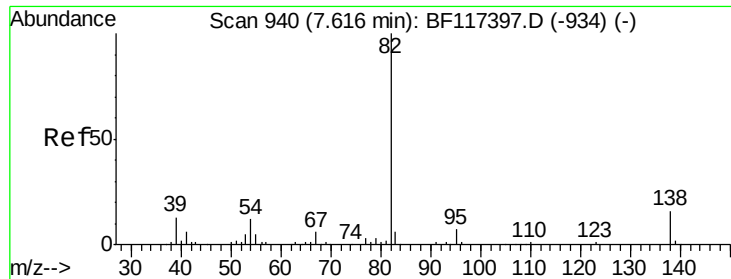
#23
Nitrobenzene-d5
Concen: 89.217 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117416.D
Acq: 16 Oct 2019 16:26

Tgt Ion: 82	Resp:	301138
Ion	Ratio	Lower Upper
82	100	
128	43.0	34.1 51.1
54	40.0	33.3 49.9



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

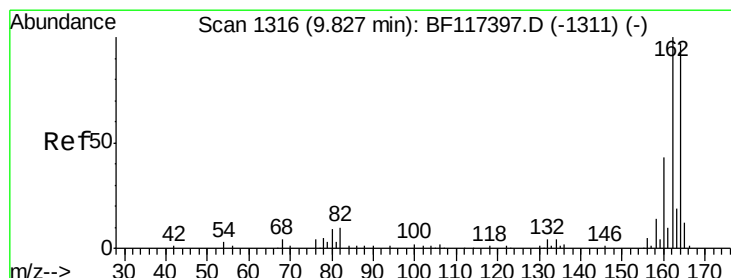
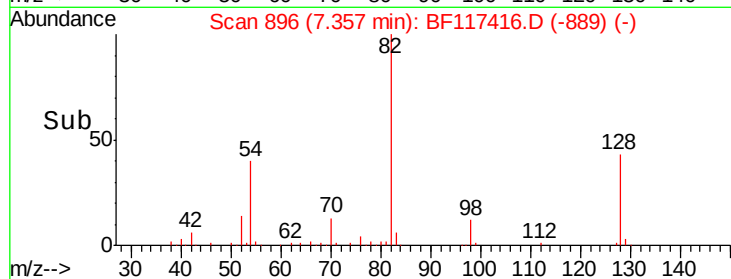
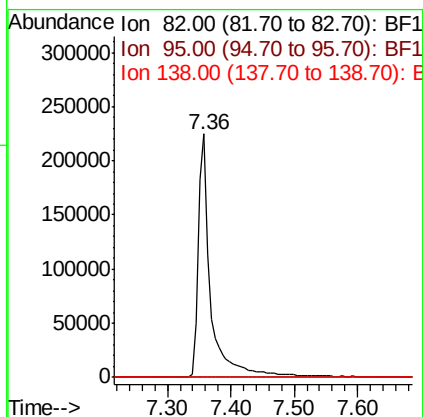
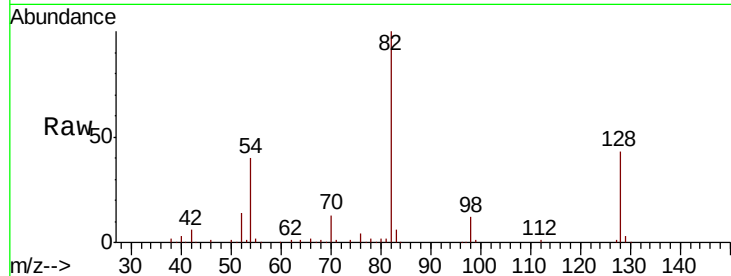




#25
Isophorone
Concen: 50.083 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF117416.D
Acq: 16 Oct 2019 16:26

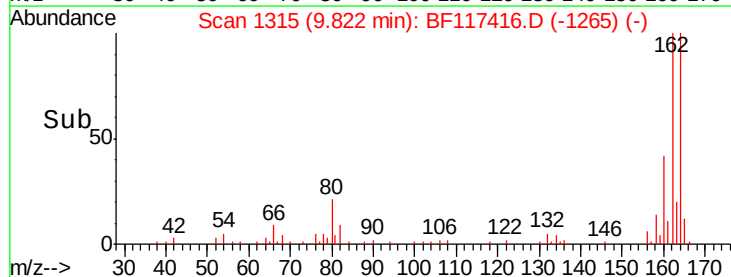
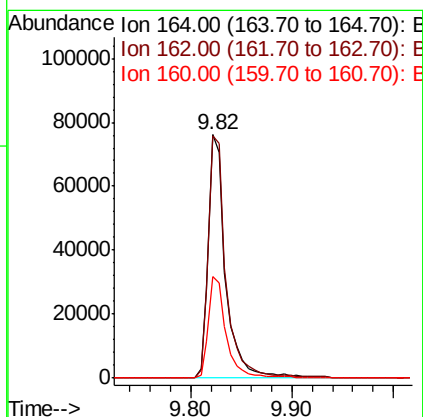
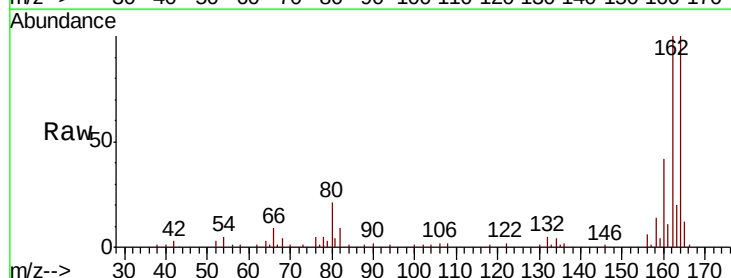
Instrument :
BNA_F
ClientSampleId :
IDW-GAC2-191010

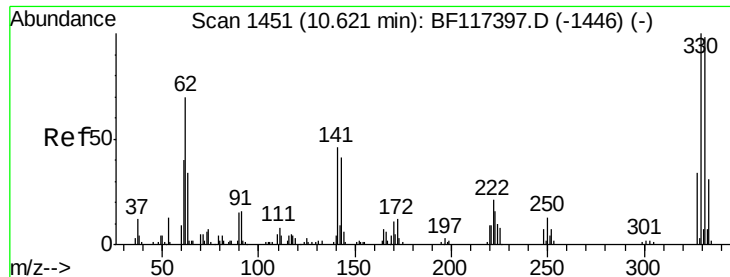
Tot Ion: 82 Resp: 301136
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.0 19.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF117416.D
Acq: 16 Oct 2019 16:26

Tgt Ion:164 Resp: 90781
Ion Ratio Lower Upper
164 100
162 99.7 82.4 123.6
160 41.9 35.4 53.0

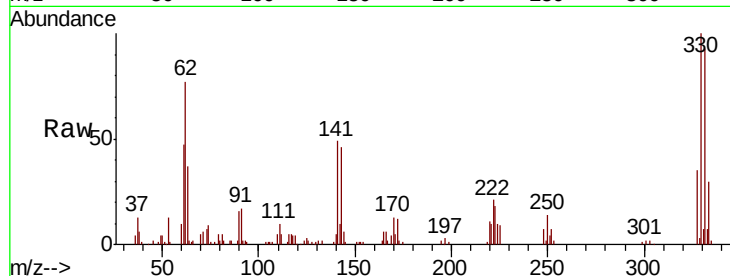




#42
 2,4,6-Tribromophenol
 Concen: 152.445 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF117416.D
 Acq: 16 Oct 2019 16:26

Instrument :
 BNA_F
 ClientSampleId :
 IDW-GAC2-191010

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.0	112.6
141	43.4	34.2	51.4

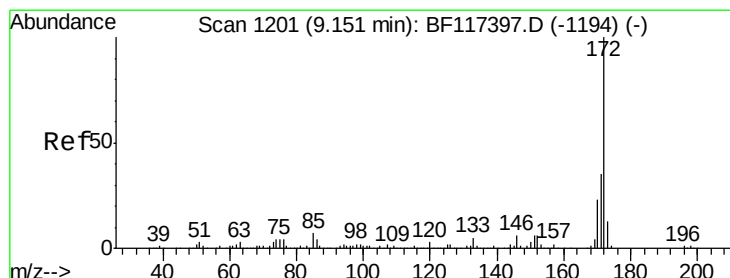
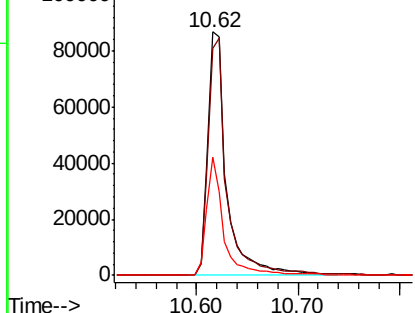
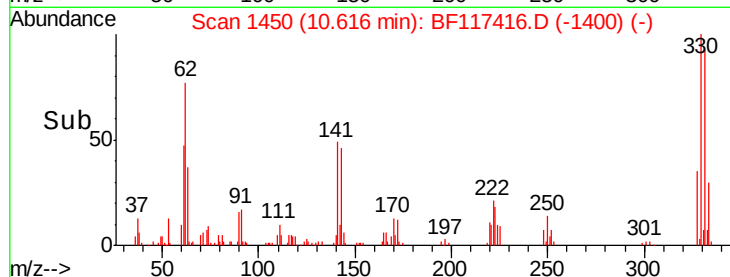


Abundance

Ion 329.80 (329.50 to 330.50): E

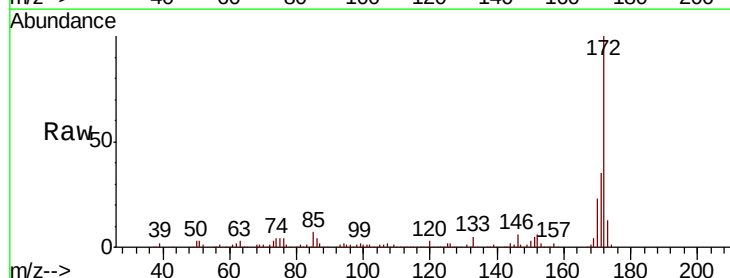
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 89.456 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF117416.D
 Acq: 16 Oct 2019 16:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.2
170	22.9	18.2	27.2

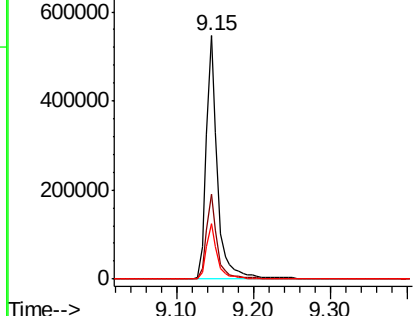
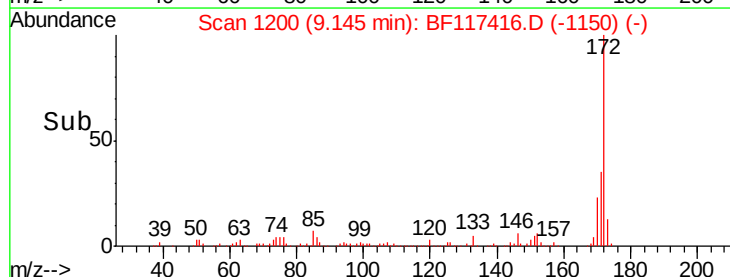


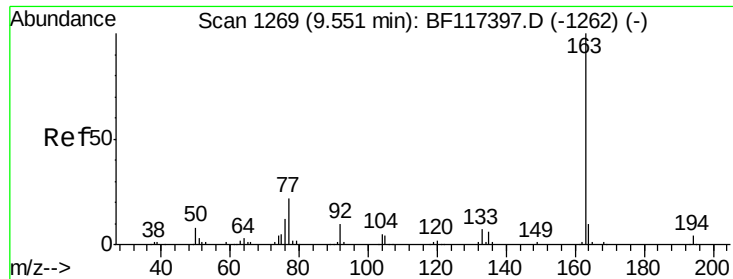
Abundance

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: 7.368 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF117416.D

Acq: 16 Oct 2019 16:26

Instrument :

BNA_F

ClientSampleId :

IDW-GAC2-191010

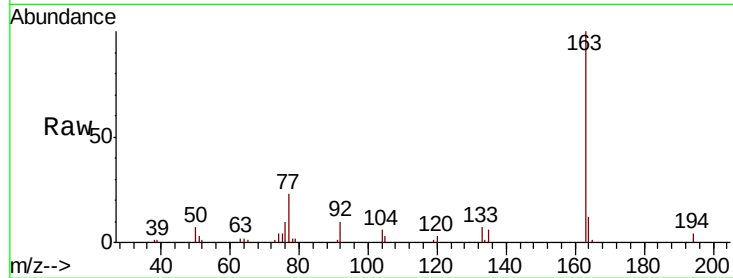
Tot Ion:163 Resp: 48034

Ion Ratio Lower Upper

163 100

194 4.3 3.1 4.7

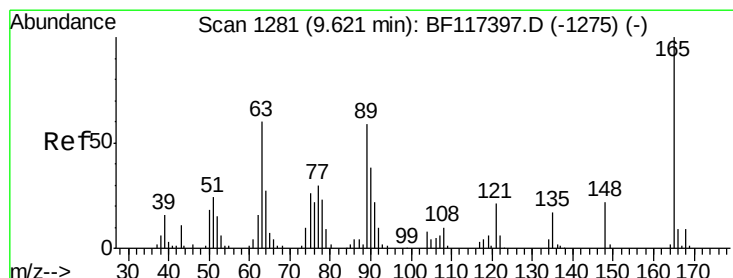
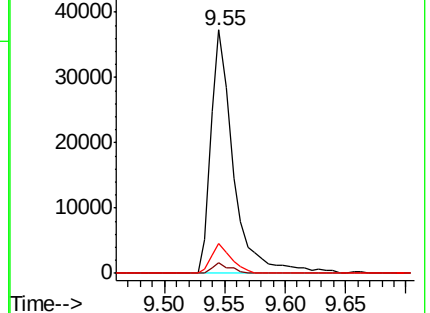
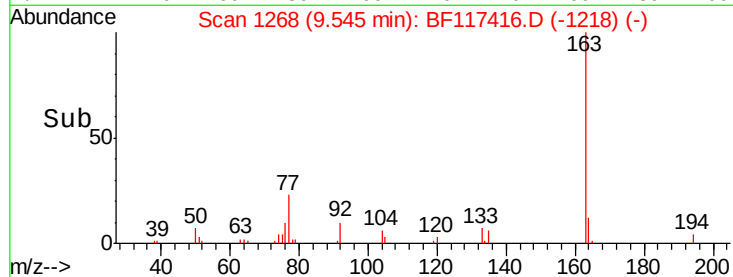
164 12.4 8.0 12.0#



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



#51

2,6-Dinitrotoluene

Concen: 8.036 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.21 min

Lab File: BF117416.D

Acq: 16 Oct 2019 16:26

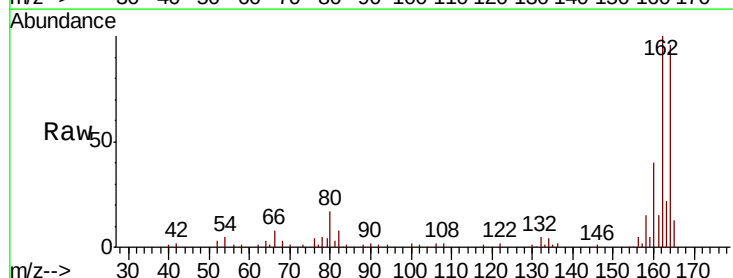
Tgt Ion:165 Resp: 11013

Ion Ratio Lower Upper

165 100

63 0.0 47.8 71.6#

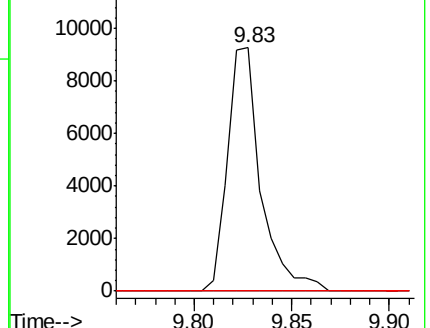
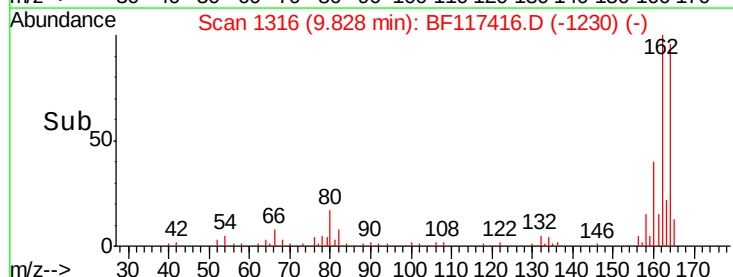
89 0.0 47.4 71.0#

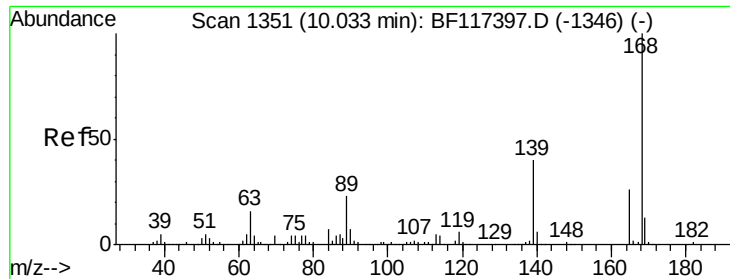


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

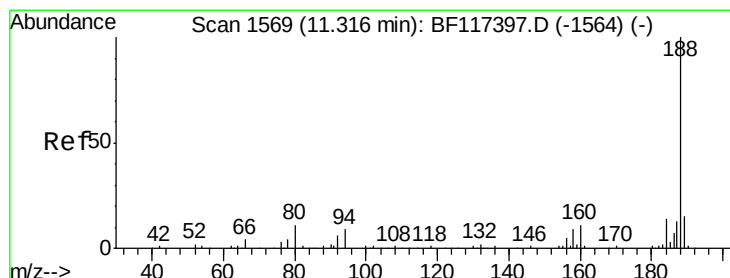
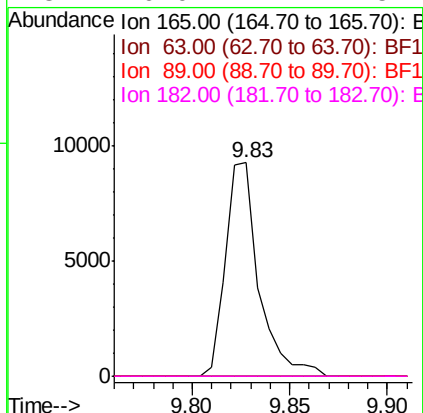
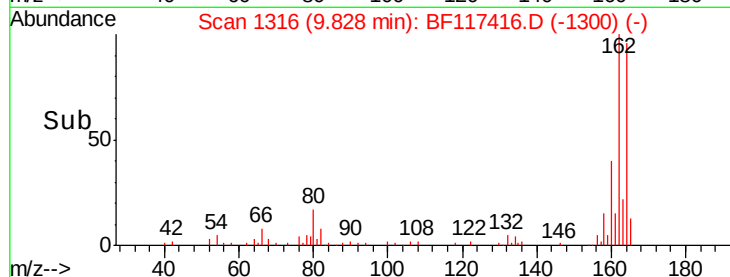
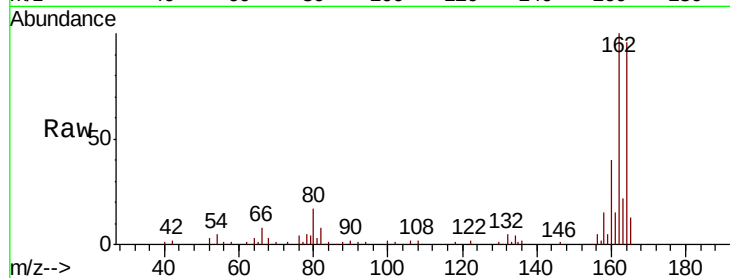




#57
 2,4-Dinitrotoluene
 Concen: 6.091 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF117416.D
 Acq: 16 Oct 2019 16:26

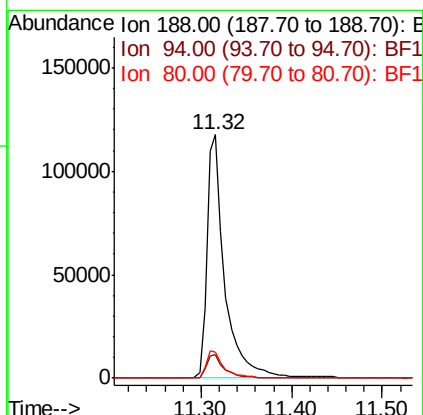
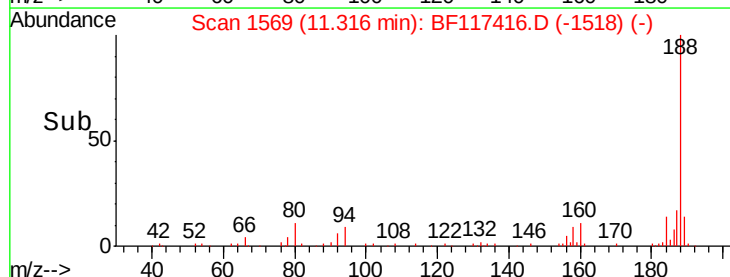
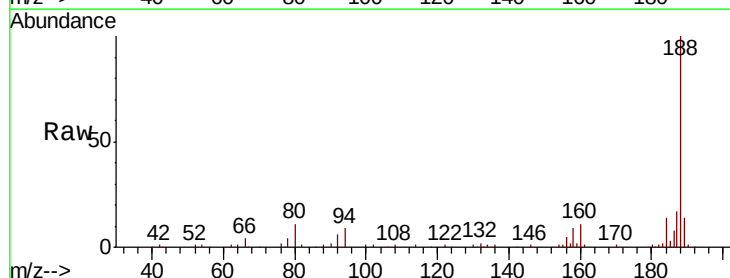
Instrument :
 BNA_F
 ClientSampleId :
 IDW-GAC2-191010

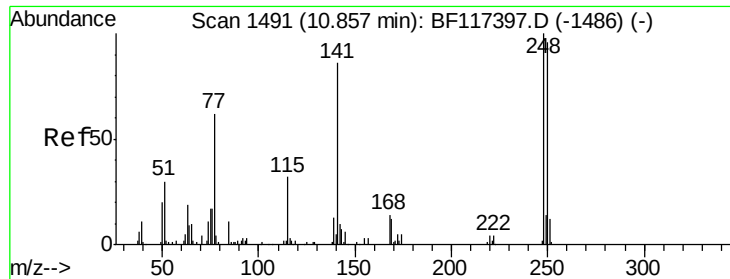
Tot Ion:165	Resp:	11013
Ion Ratio	Lower	Upper
165	100	
63	0.0	51.0 76.4#
89	0.0	70.7 106.1#
182	0.0	2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BF117416.D
 Acq: 16 Oct 2019 16:26

Tgt Ion:188	Resp:	162069
Ion Ratio	Lower	Upper
188	100	
94	9.4	7.5 11.3
80	10.6	8.7 13.1

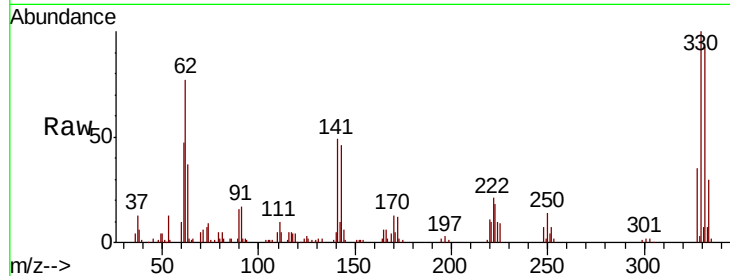




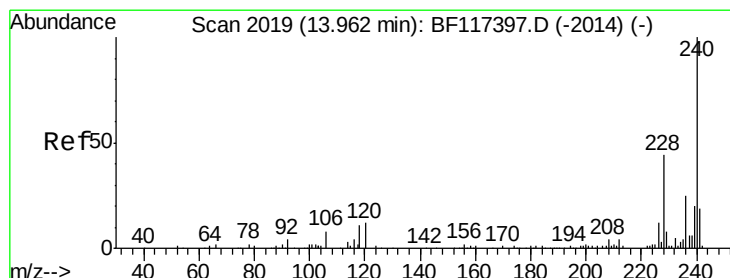
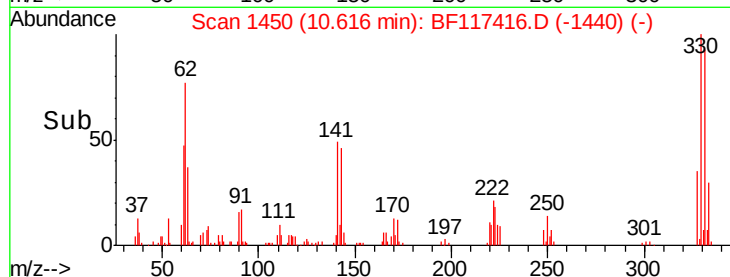
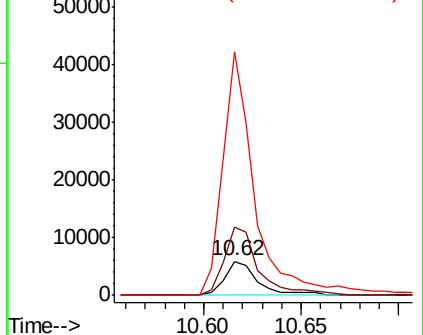
#67
4-Bromophenyl-phenylether
Concen: 3.941 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.24 min
Lab File: BF117416.D
Acq: 16 Oct 2019 16:26

Instrument :
BNA_F
ClientSampleId :
IDW-GAC2-191010

Tot Ion:248 Resp: 7005
Ion Ratio Lower Upper
248 100
250 197.9 77.1 115.7#
141 711.3 69.1 103.7#

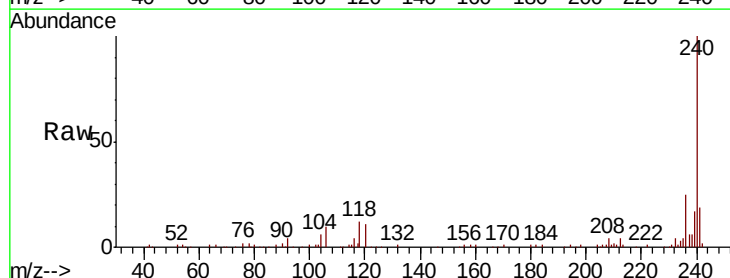


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

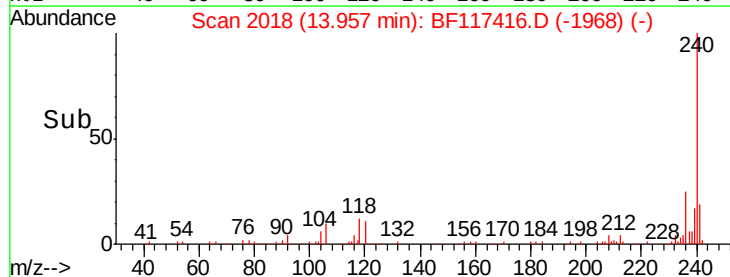
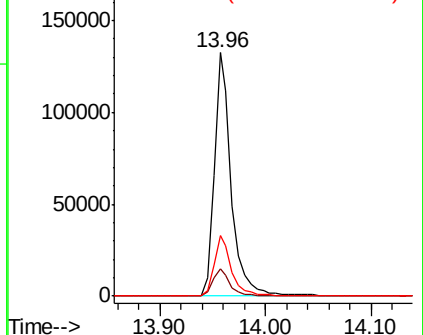


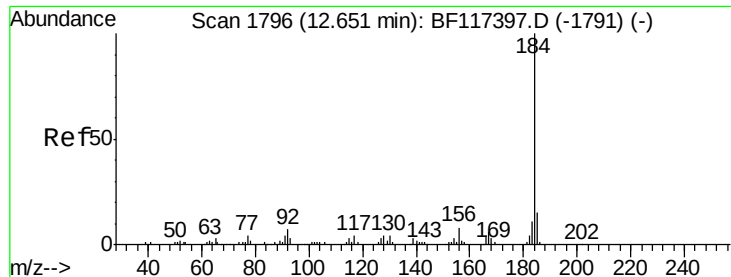
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117416.D
Acq: 16 Oct 2019 16:26

Tgt Ion:240 Resp: 150068
Ion Ratio Lower Upper
240 100
120 11.1 9.4 14.0
236 24.7 19.8 29.6



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





#77

Benzidine

Concen: 2.380 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.25 min

Lab File: BF117416.D

Acq: 16 Oct 2019 16:26

Instrument :

BNA_F

ClientSampleId :

IDW-GAC2-191010

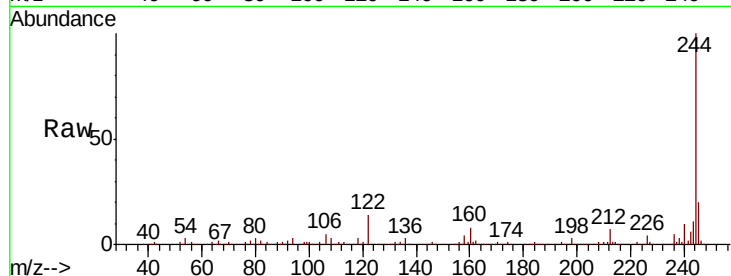
Tot Ion:184 Resp: 8834

Ion Ratio Lower Upper

184 100

185 18.9 12.2 18.2#

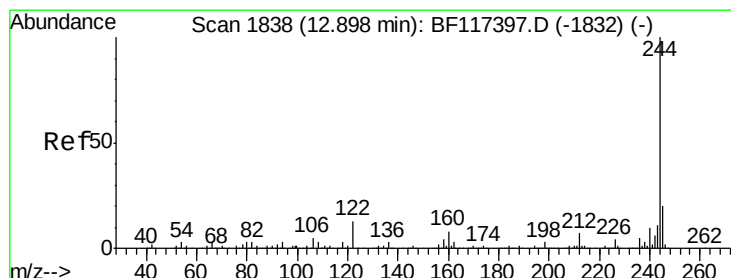
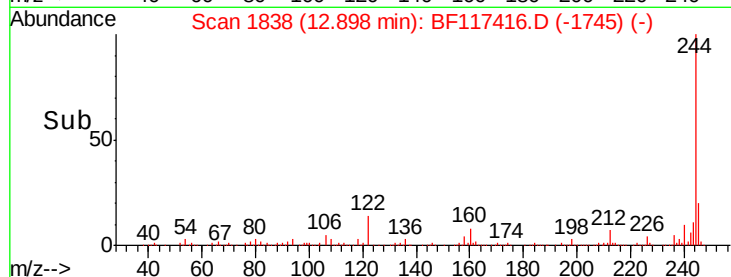
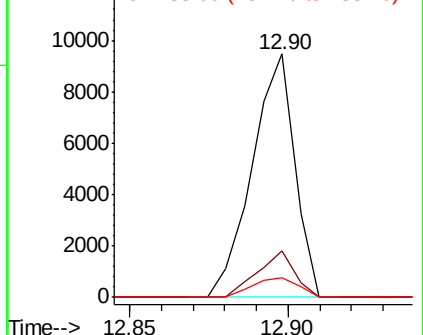
183 8.3 8.9 13.3#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 74.819 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF117416.D

Acq: 16 Oct 2019 16:26

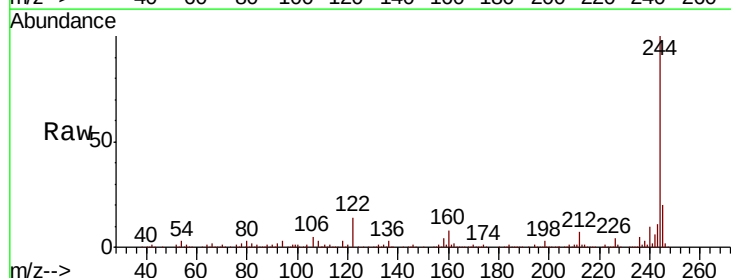
Tgt Ion:244 Resp: 688761

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

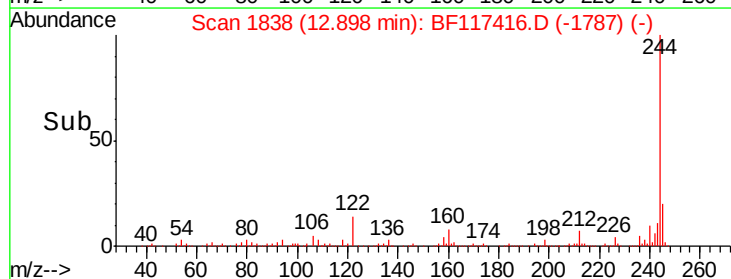
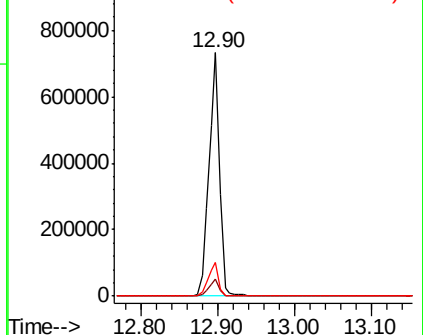
122 13.7 10.7 16.1

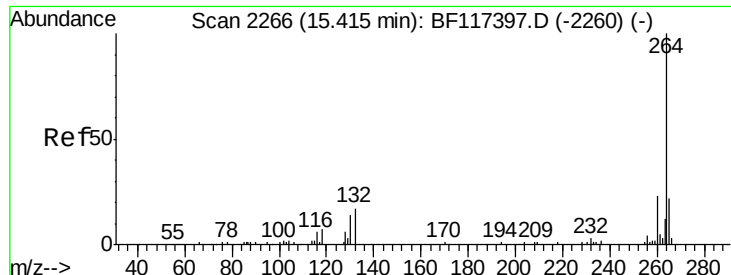


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF117416.D
Acq: 16 Oct 2019 16:26

Instrument :
BNA_F
ClientSampleId :
IDW-GAC2-191010

Tot Ion: 264 Resp: 148673

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	19.9	17.4	26.0

