

Data File : BF116732.D
Acq On : 1 Sep 2019 8:09
Operator : HP/JU
Sample : K4526-22
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T9-12-13-D-(0-1.9)

Quant Time: Sep 02 05:47:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

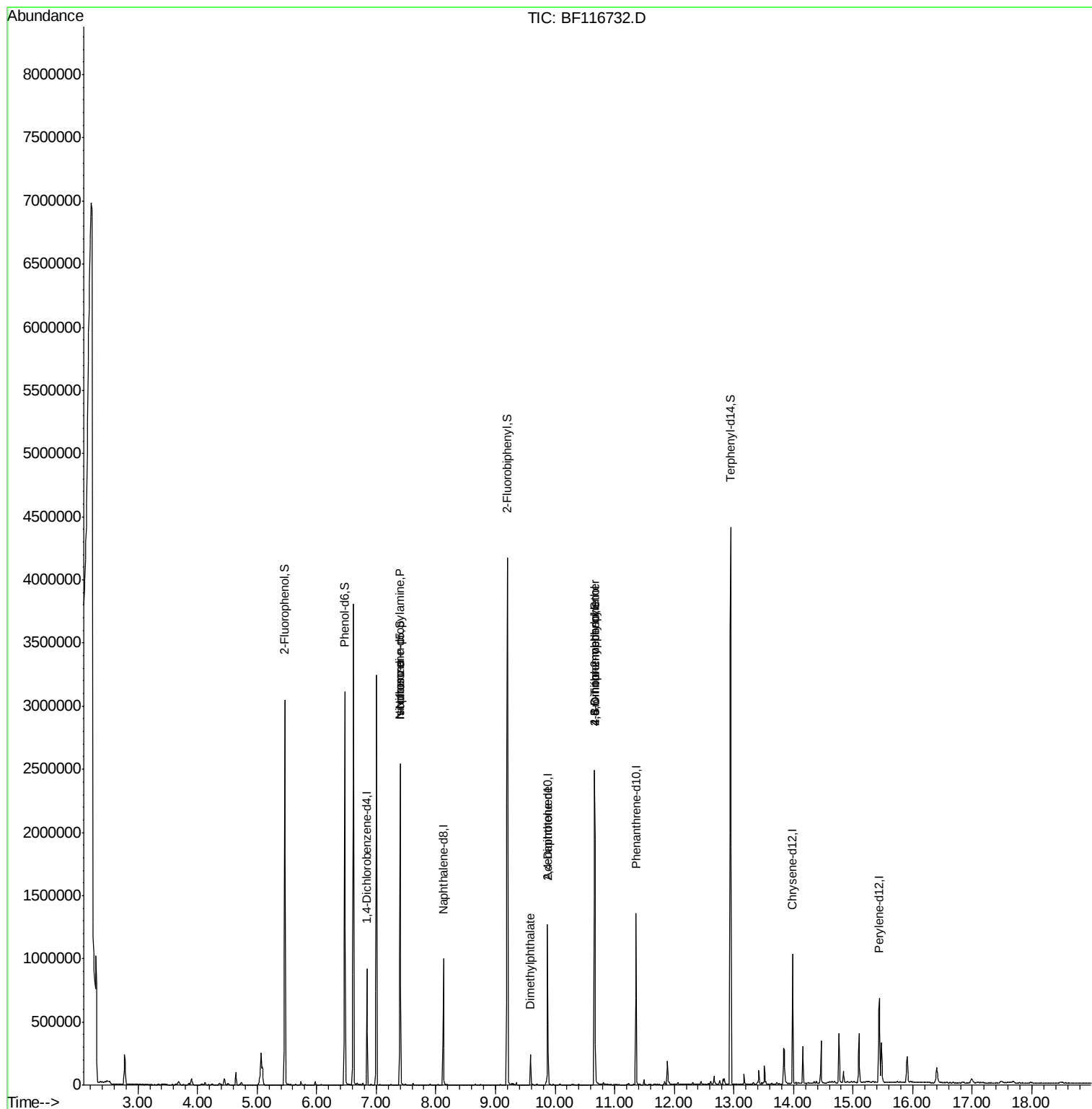
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	121586	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	493005	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	259777	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	435812	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	299878	20.00	ng	-0.01
87) Perylene-d12	15.44	264	297943	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	907006	120.85	ng	0.00
7) Phenol-d6	6.47	99	1086756	110.28	ng	0.00
23) Nitrobenzene-d5	7.40	82	862488	99.87	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	281120	161.87	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1455725	94.53	ng	0.00
79) Terphenyl-d14	12.95	244	1522496	93.92	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	114915	17.710	ng	# 71
25) Isophorone	7.40	82	862470	49.286	ng	# 66
50) Dimethylphthalate	9.59	163	96379	5.374	ng	100
57) 2,4-Dinitrotoluene	9.87	165	31765	7.592	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.67	198	671	7.804	ng	# 1
67) 4-Bromophenyl-phenylether	10.66	248	18110	4.091	ng	# 1

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

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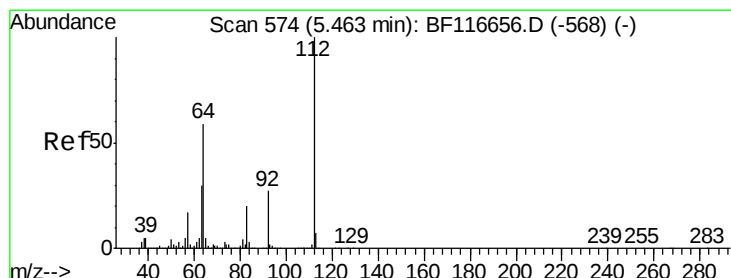
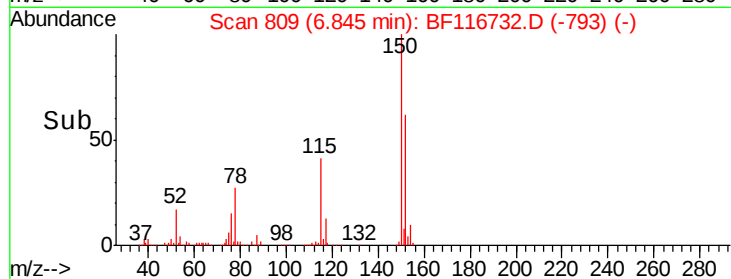
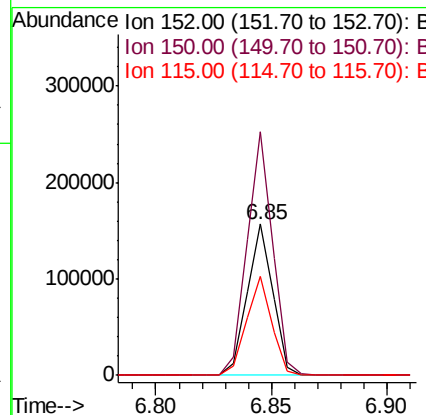
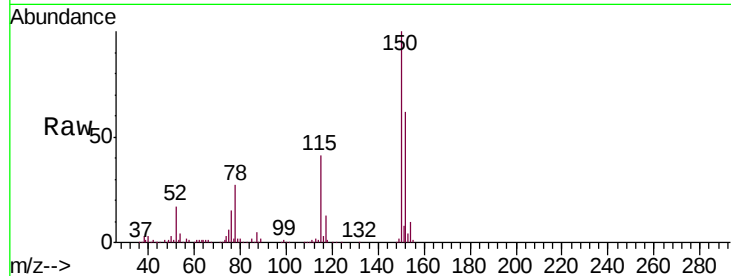


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116732.D
Acq: 1 Sep 2019 8:09

Instrument :
BNA_F
ClientSampleId :
T9-12-13-D-(0-1.9)

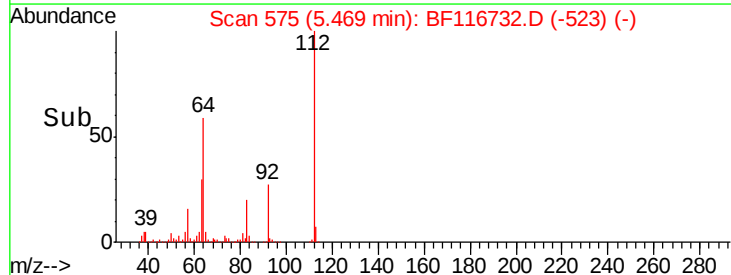
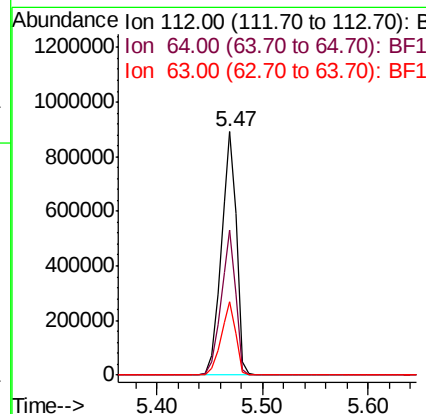
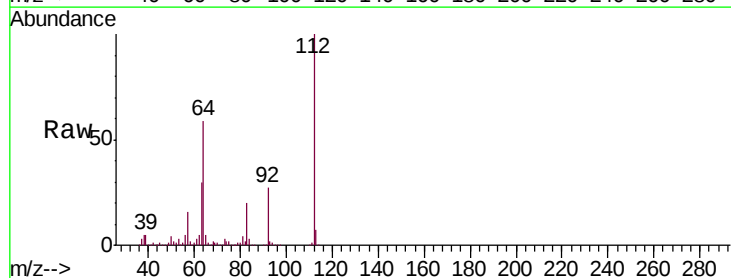
Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.4	124.4	186.6
115	65.5	49.9	74.9



#5

2-Fluorophenol
Concen: 120.853 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF116732.D
Acq: 1 Sep 2019 8:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.1	70.7
63	30.1	24.9	37.3





#7

Phenol-d6

Concen: 110.275 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116732.D

Acq: 1 Sep 2019 8:09

Instrument :

BNA_F

ClientSampleId :

T9-12-13-D-(0-1.9)

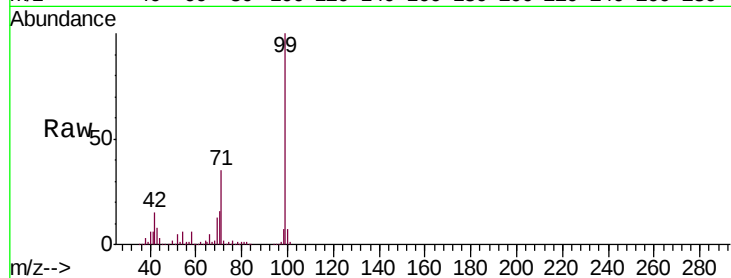
Tgt Ion: 99 Resp: 1086756

Ion Ratio Lower Upper

99 100

42 15.4 13.7 20.5

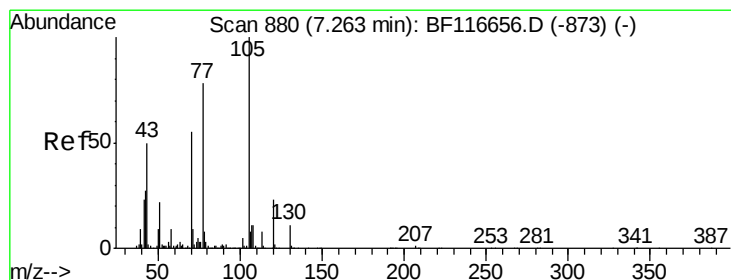
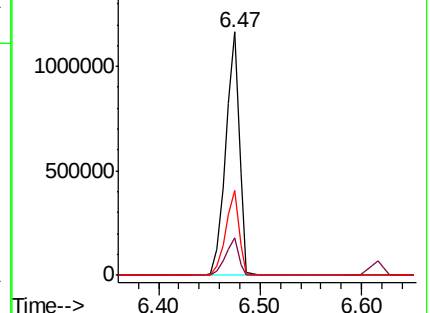
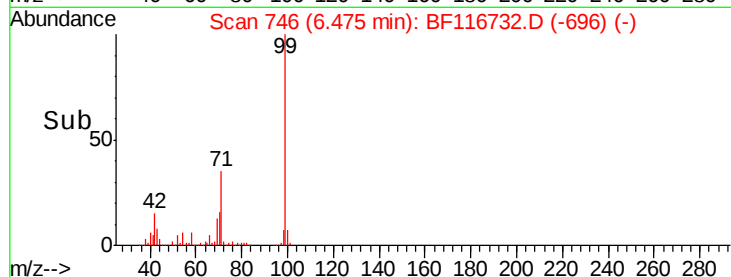
71 35.1 30.8 46.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.710 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF116732.D

Acq: 1 Sep 2019 8:09

Tgt Ion: 70 Resp: 114915

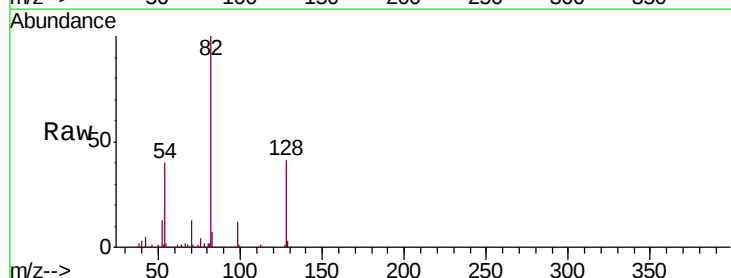
Ion Ratio Lower Upper

70 100

42 36.5 43.5 65.3#

101 0.0 7.8 11.6#

130 2.2 16.6 24.8#

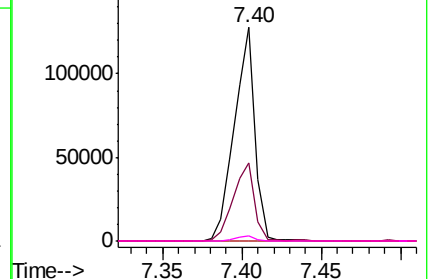
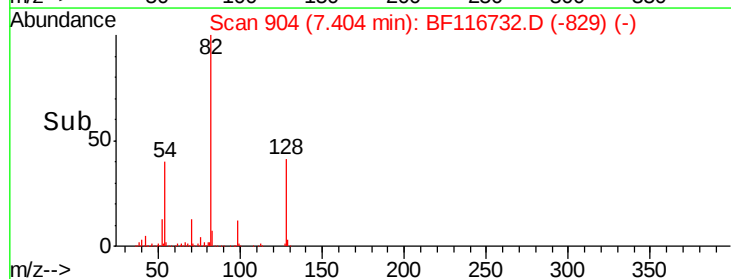


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

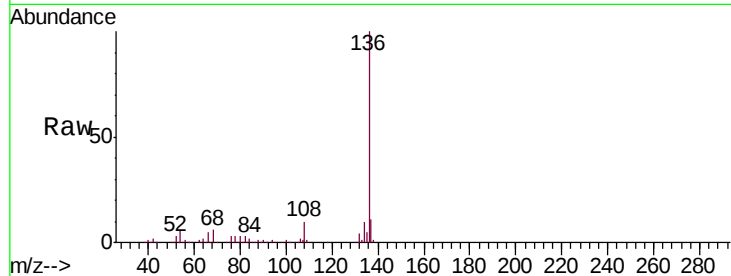




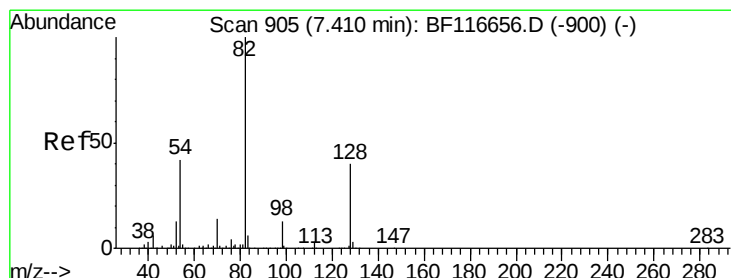
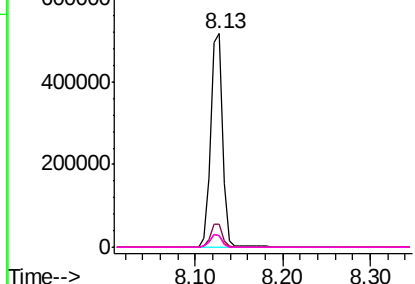
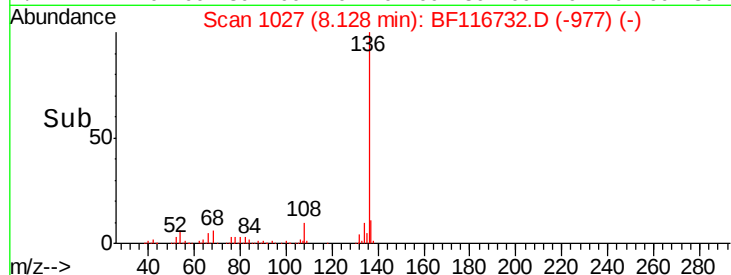
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116732.D
Acq: 1 Sep 2019 8:09

Instrument :
BNA_F
ClientSampleId :
T9-12-13-D-(0-1.9)

Tgt Ion:	136	Resp:	493005
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	5.6	4.8	7.2
68	5.6	4.0	6.0

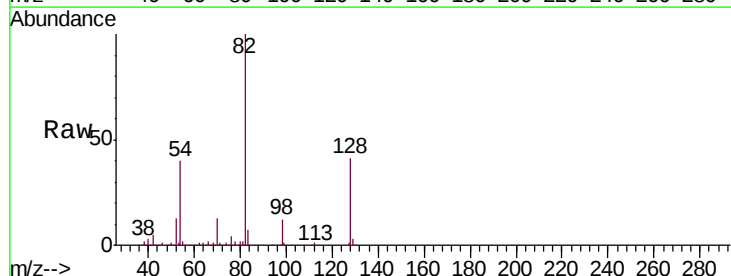


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

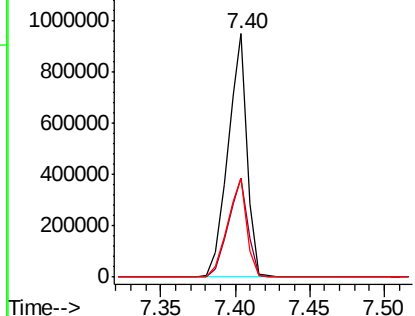
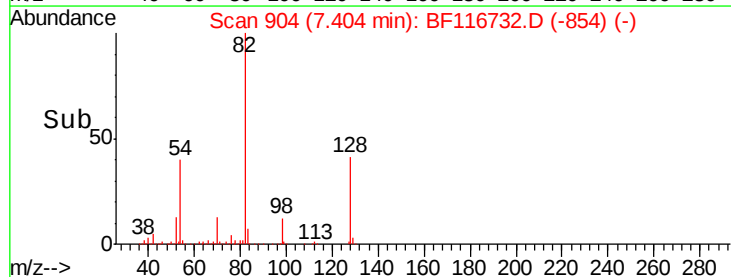


#23
Nitrobenzene-d5
Concen: 99.872 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116732.D
Acq: 1 Sep 2019 8:09

Tgt Ion:	82	Resp:	862488
Ion	Ratio	Lower	Upper
82	100		
128	40.9	32.8	49.2
54	40.5	36.9	55.3



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: 49.286 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.26 min

Lab File: BF116732.D

Acq: 1 Sep 2019 8:09

Instrument :

BNA_F

ClientSampleId :

T9-12-13-D-(0-1.9)

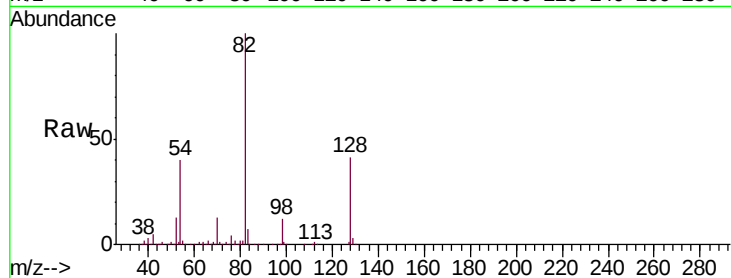
Tgt Ion: 82 Resp: 862470

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

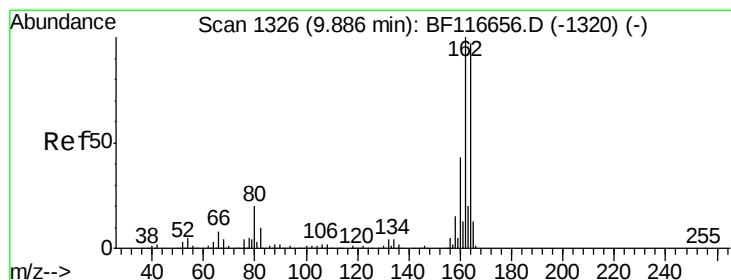
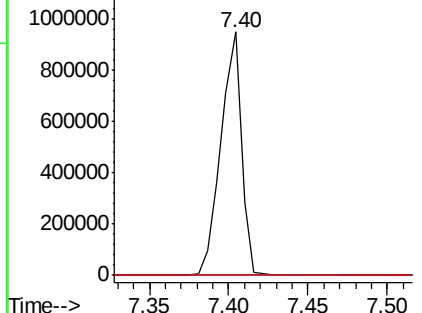
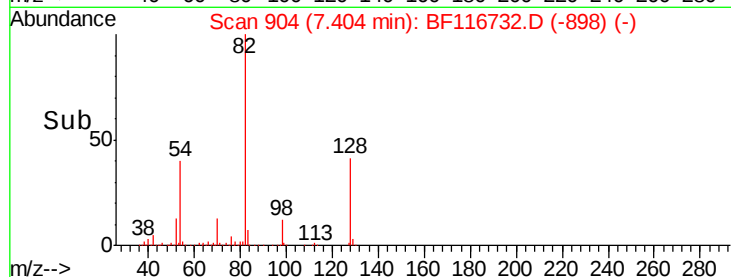
138 0.0 13.5 20.3#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF116732.D

Acq: 1 Sep 2019 8:09

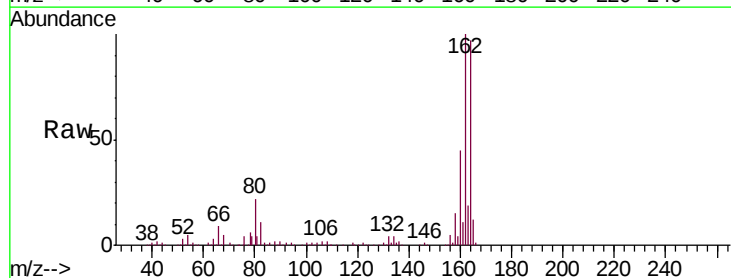
Tgt Ion: 164 Resp: 259777

Ion Ratio Lower Upper

164 100

162 102.9 81.4 122.0

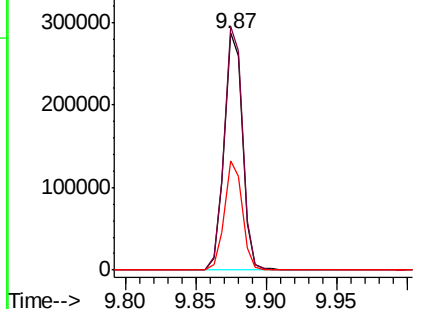
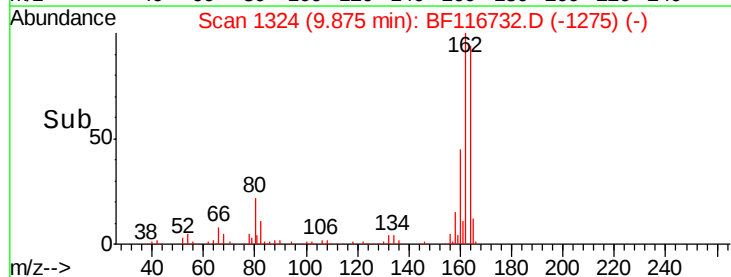
160 46.2 35.4 53.2

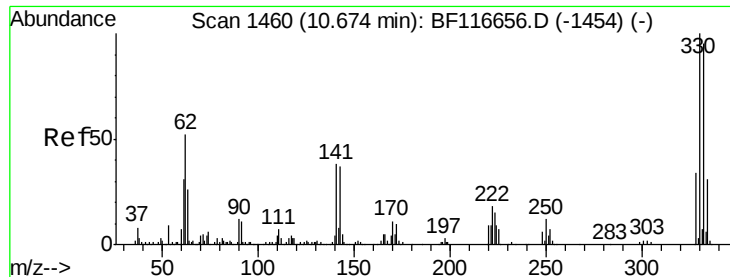


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

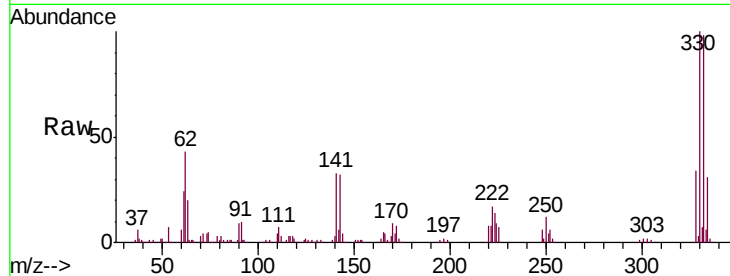




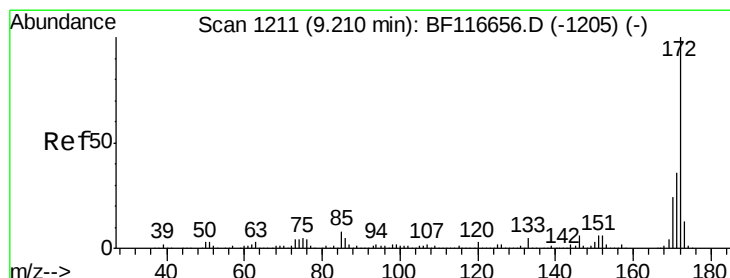
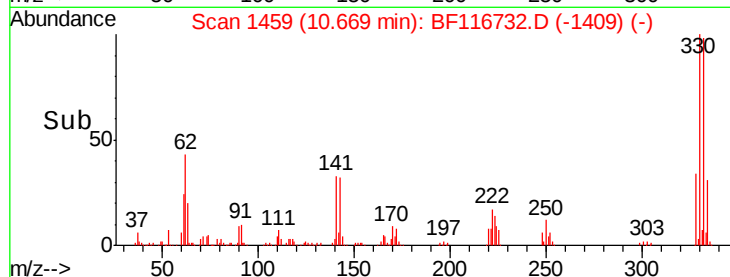
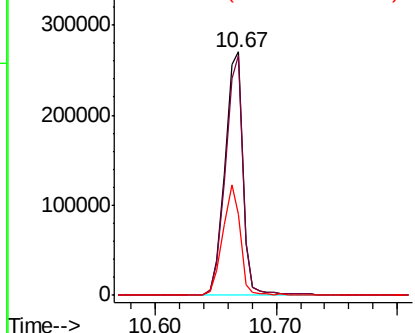
#42
 2,4,6-Tribromophenol
 Concen: 161.873 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116732.D
 Acq: 1 Sep 2019 8:09

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-D-(0-1.9)

Tgt Ion: 330 Resp: 281120
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.9 115.3
 141 44.0 31.4 47.2

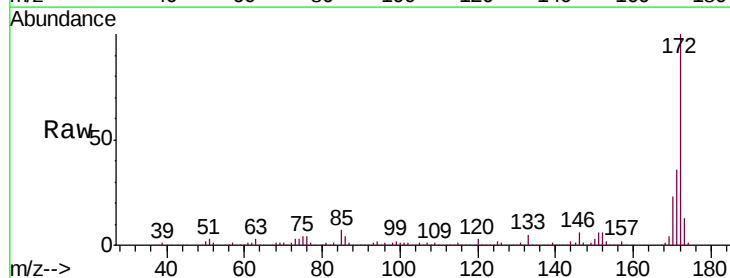


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

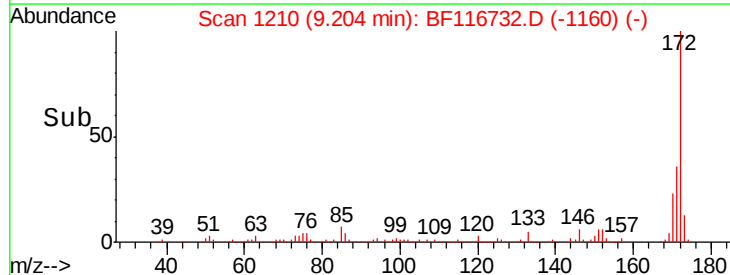
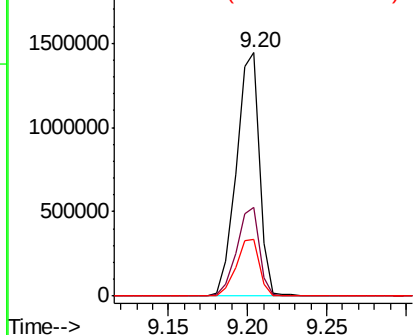


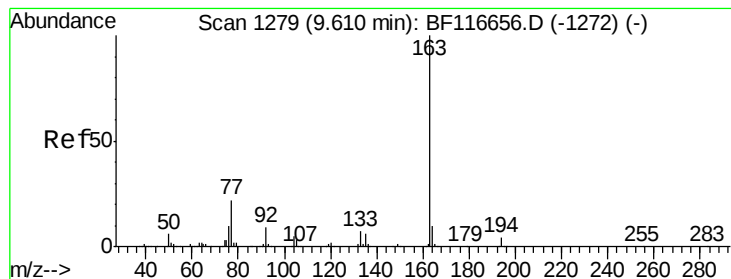
#45
 2-Fluorobiphenyl
 Concen: 94.529 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF116732.D
 Acq: 1 Sep 2019 8:09

Tgt Ion: 172 Resp: 1455725
 Ion Ratio Lower Upper
 172 100
 171 36.2 27.8 41.6
 170 23.3 18.9 28.3



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: 5.374 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF116732.D

Acq: 1 Sep 2019 8:09

Instrument :

BNA_F

ClientSampleId :

T9-12-13-D-(0-1.9)

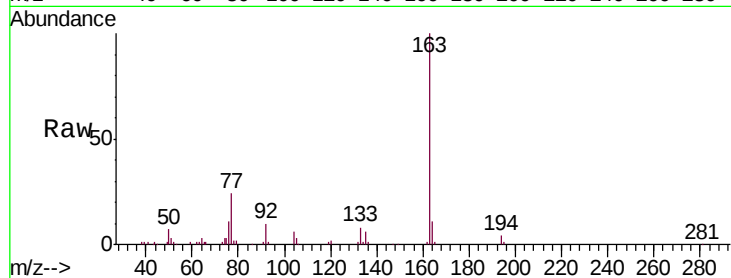
Tgt Ion:163 Resp: 96379

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

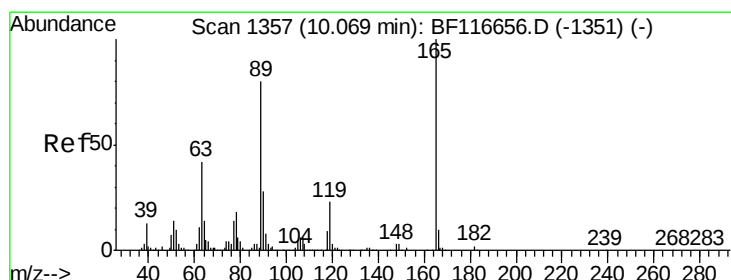
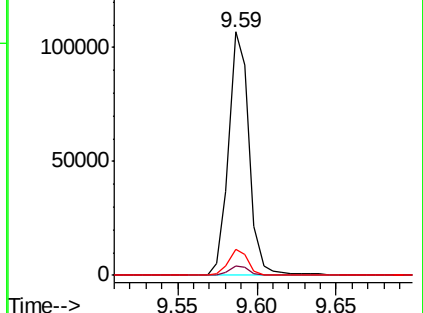
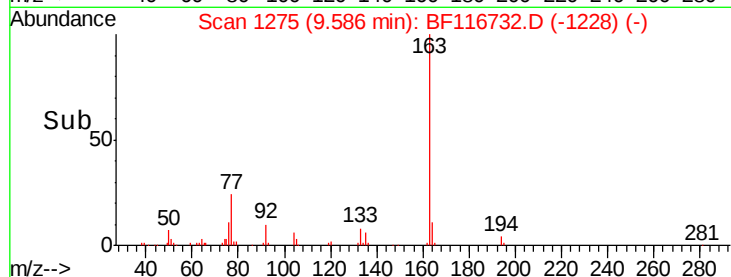
164 10.9 8.6 12.8



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: 7.592 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.19 min

Lab File: BF116732.D

Acq: 1 Sep 2019 8:09

Tgt Ion:165 Resp: 31765

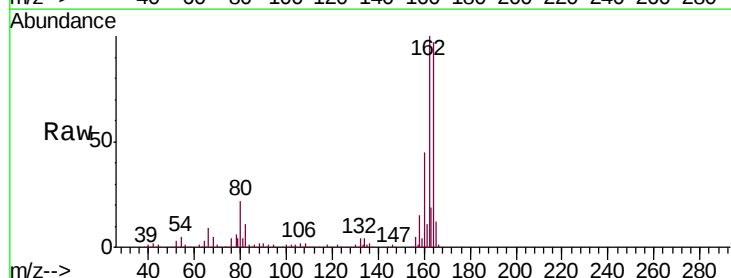
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 1.2 62.6 94.0#

182 0.0 2.1 3.1#

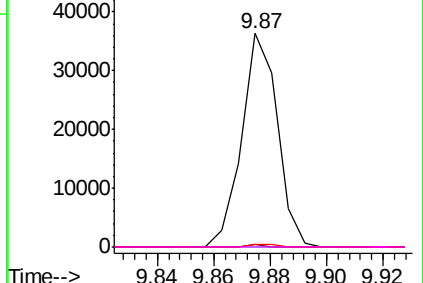
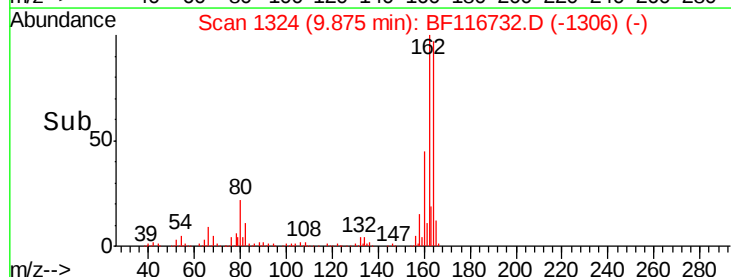


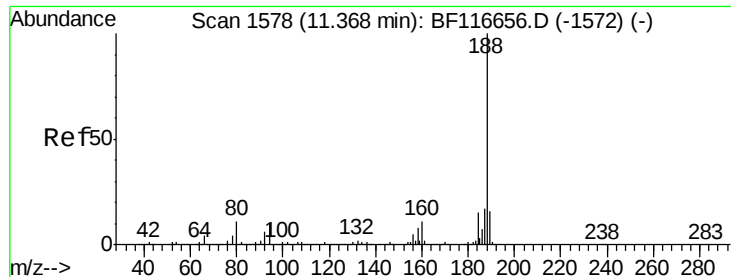
Abundance Ion 165.00 (164.70 to 165.70): E

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

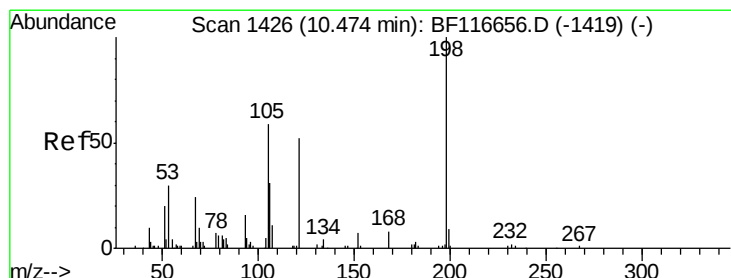
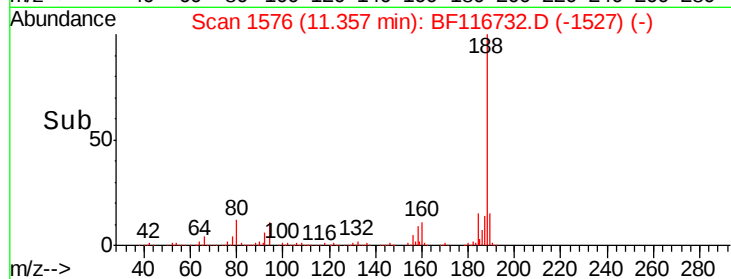
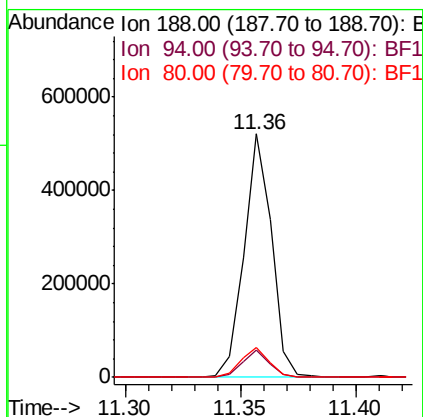
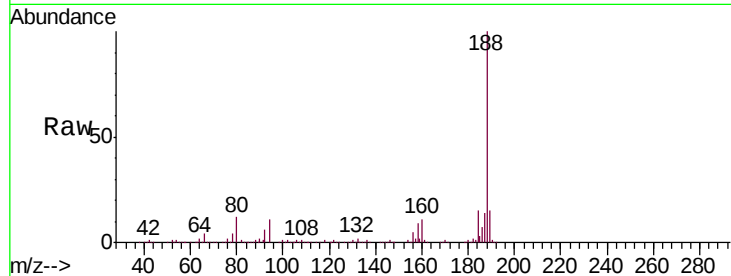




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116732.D
Acq: 1 Sep 2019 8:09

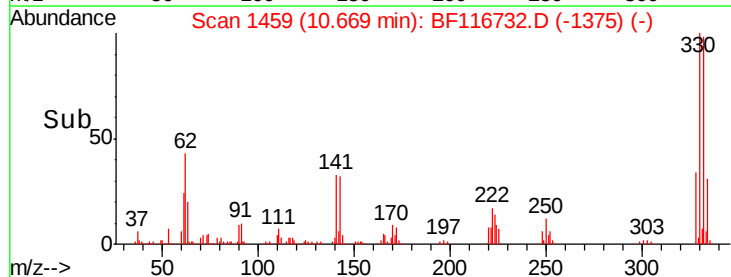
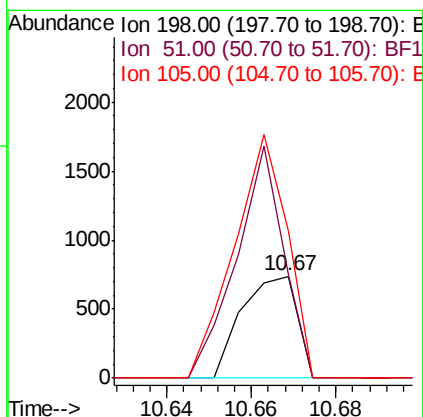
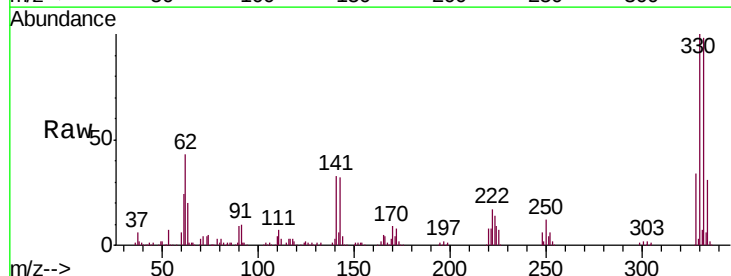
Instrument :
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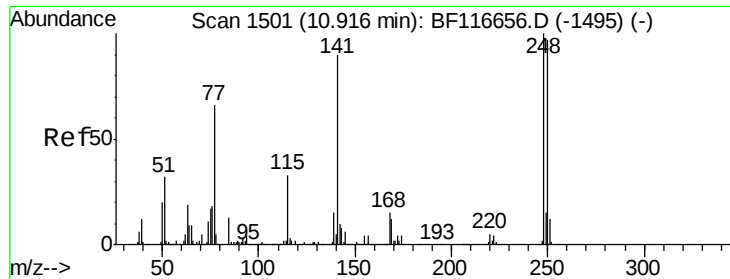
Tgt Ion:188 Resp: 435812
Ion Ratio Lower Upper
188 100
94 11.4 7.3 10.9#
80 12.2 8.4 12.6



#65
4,6-Dinitro-2-methylphenol
Concen: 7.804 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.19 min
Lab File: BF116732.D
Acq: 1 Sep 2019 8:09

Tgt Ion:198 Resp: 671
Ion Ratio Lower Upper
198 100
51 101.6 18.4 58.4#
105 144.7 22.9 62.9#

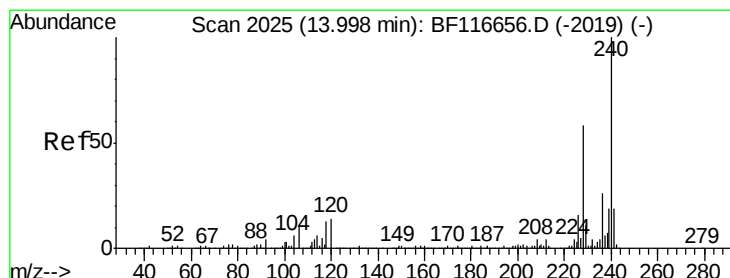
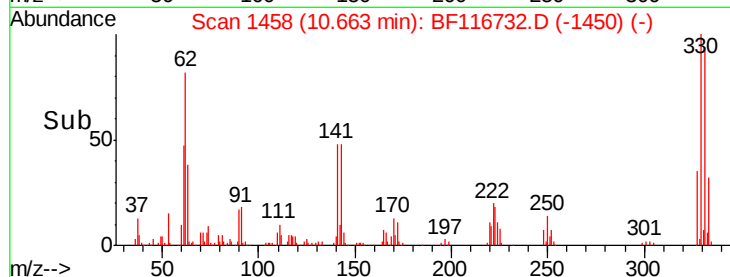
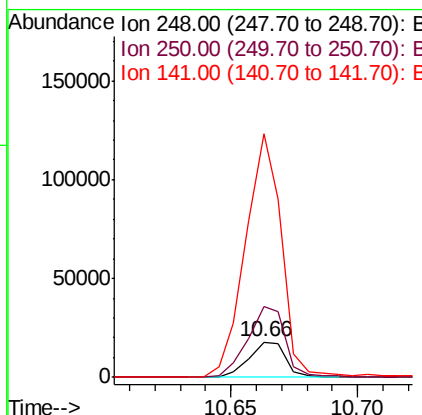
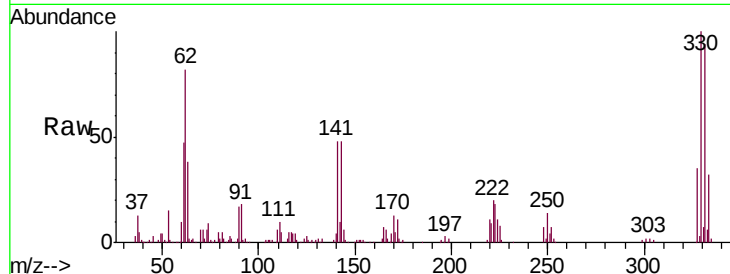




#67
 4-Bromophenyl-phenylether
 Concen: 4.091 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116732.D
 Acq: 1 Sep 2019 8:09

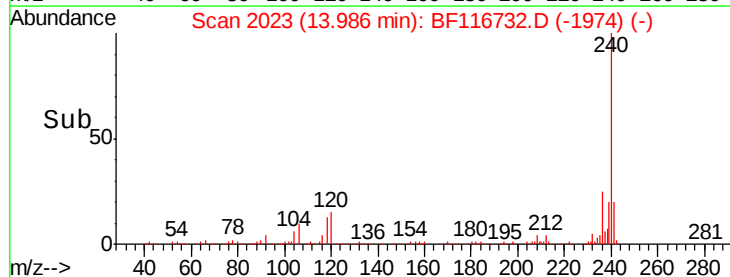
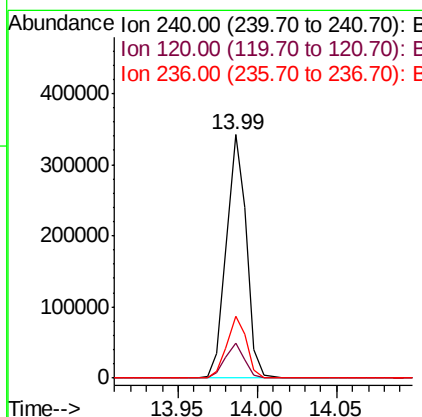
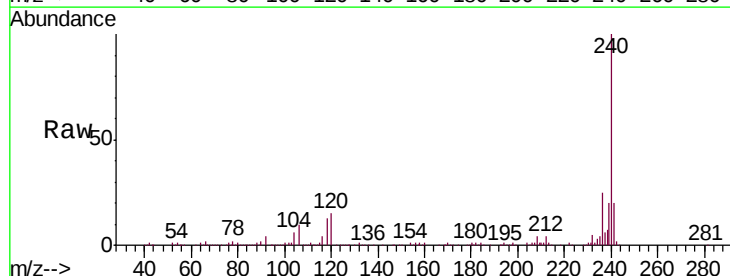
Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-D-(0-1.9)

Tgt Ion:248 Resp: 18110
 Ion Ratio Lower Upper
 248 100
 250 201.9 77.8 116.8#
 141 695.9 75.9 113.9#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF116732.D
 Acq: 1 Sep 2019 8:09

Tgt Ion:240 Resp: 299878
 Ion Ratio Lower Upper
 240 100
 120 14.6 9.1 13.7#
 236 25.2 21.1 31.7

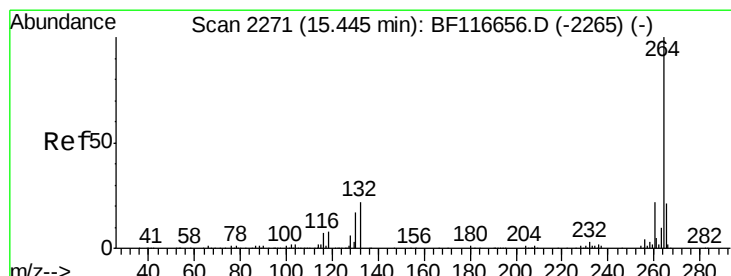
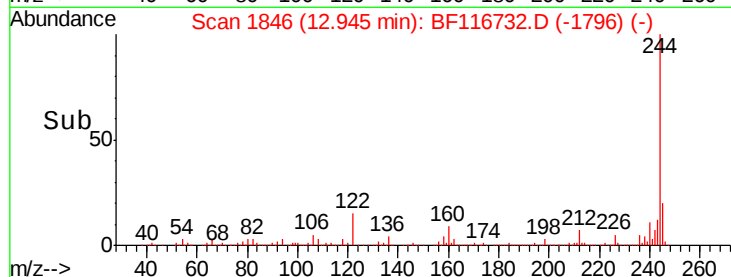
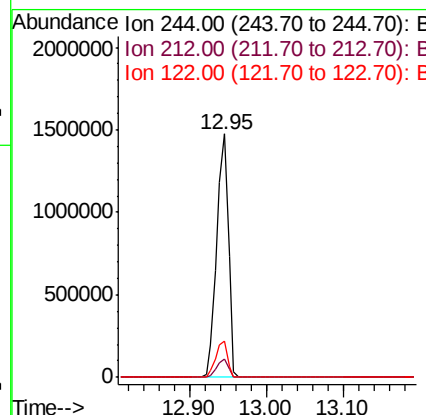
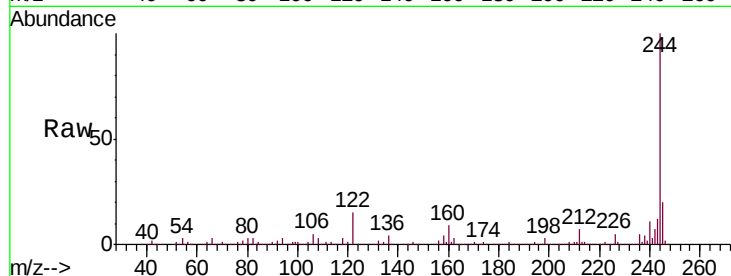




#79
 Terphenyl-d14
 Concen: 93.923 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116732.D
 Acq: 1 Sep 2019 8:09

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-D-(0-1.9)

Tgt Ion:244 Resp: 1522496
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 14.9 10.2 15.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF116732.D
 Acq: 1 Sep 2019 8:09

Tgt Ion:264 Resp: 297943
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.3 27.5
 265 20.9 16.5 24.7

