

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
 Data File : BF119712.D
 Acq On : 3 Apr 2020 12:04
 Operator : MA/SJ
 Sample : PB127977BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127977BL

Quant Time: Apr 03 12:35:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

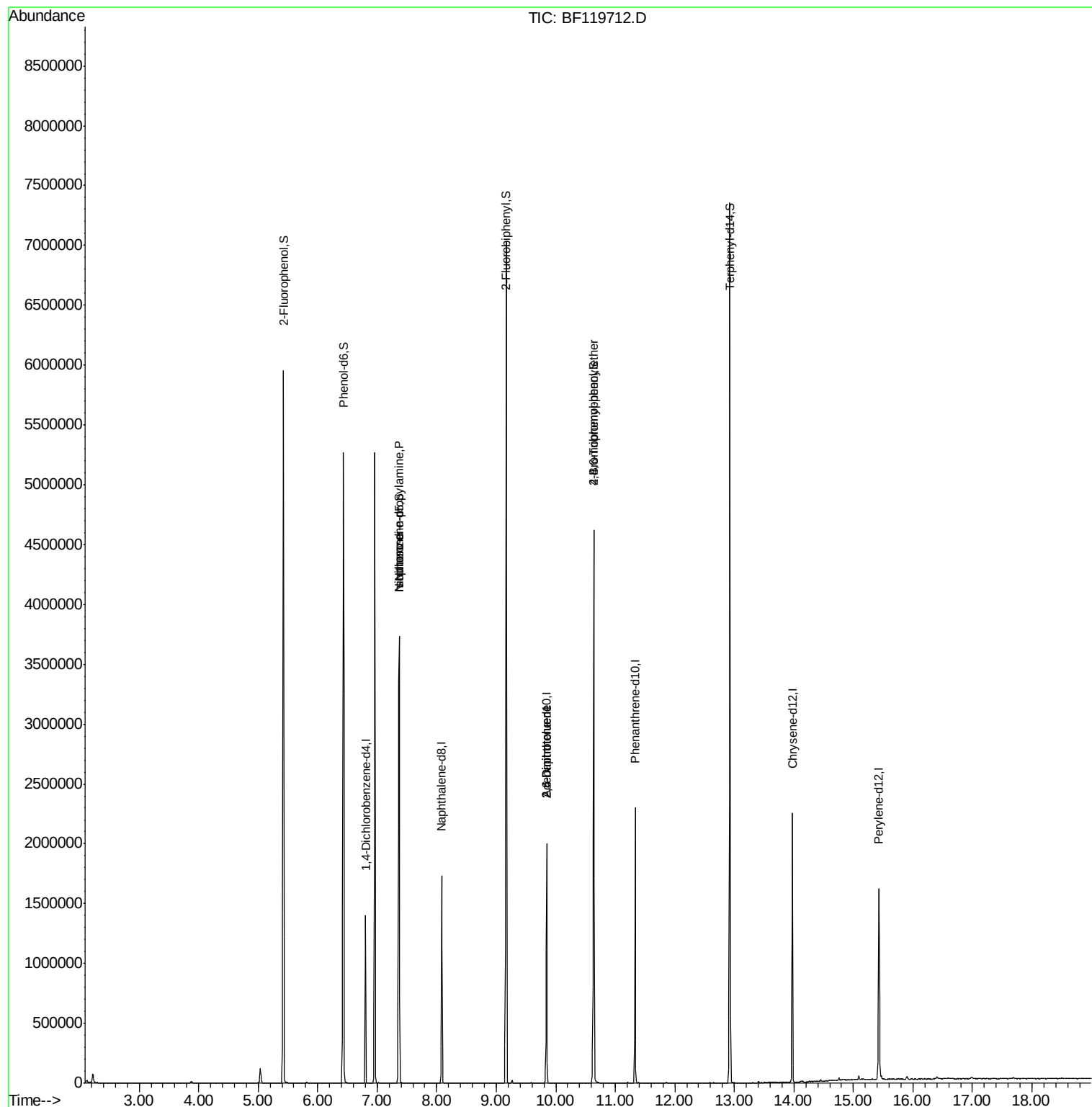
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	205387	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	768285	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	400420	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	807255	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	704474	20.00	ng	-0.02
87) Perylene-d12	15.43	264	747087	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1693964	131.30	ng	0.01
7) Phenol-d6	6.43	99	2166710	131.46	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1334441	94.40	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	633584	153.37	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	2484741	91.93	ng	-0.01
79) Terphenyl-d14	12.93	244	3004031	83.55	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	173070	17.422	ng	# 74
25) Isophorone	7.37	82	1332181	46.456	ng	# 65
51) 2,6-Dinitrotoluene	9.85	165	51212	8.400	ng	# 26
57) 2,4-Dinitrotoluene	9.85	165	51212	6.668	ng	# 20
67) 4-Bromophenyl-phenylether	10.64	248	38331	4.169	ng	# 1

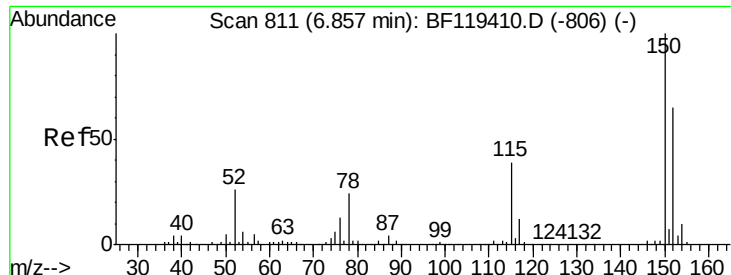
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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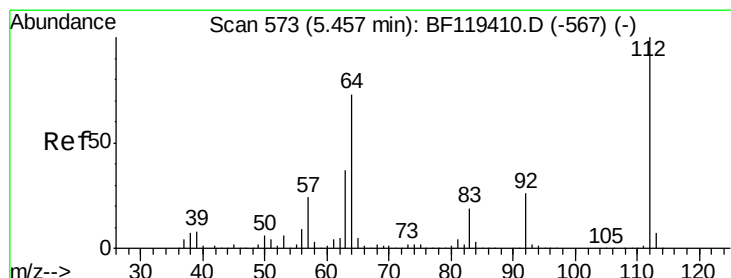
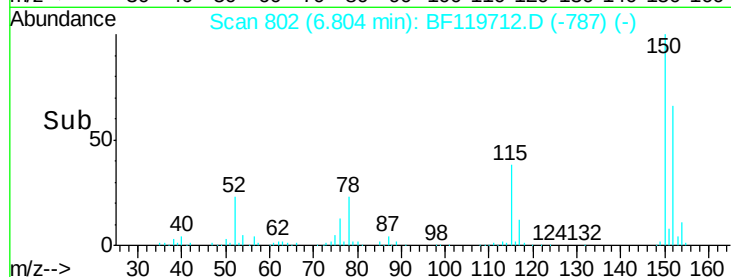
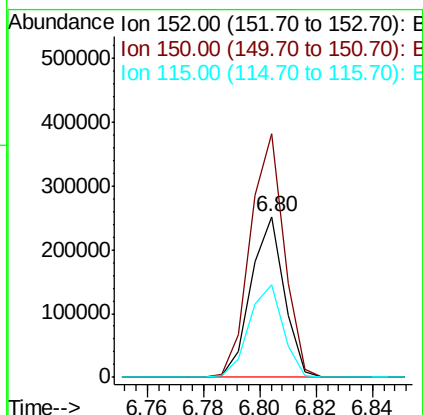
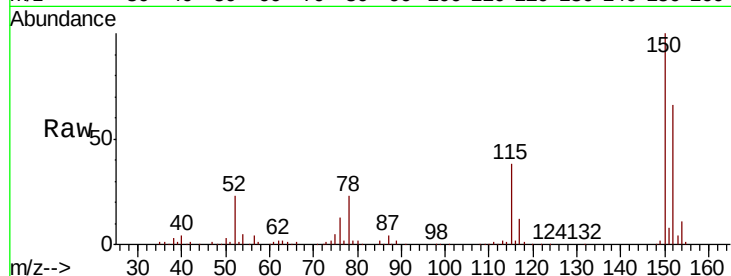


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF119712.D
Acq: 3 Apr 2020 12:04

Instrument :
BNA_F
ClientSampleId :
PB127977BL

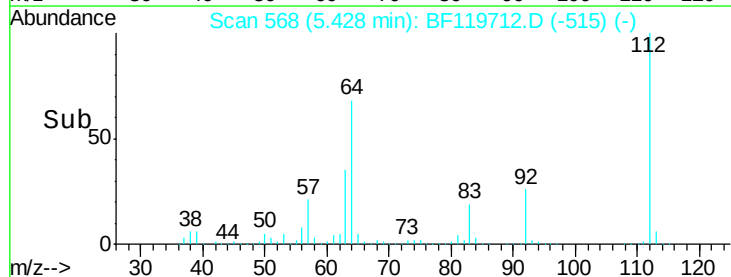
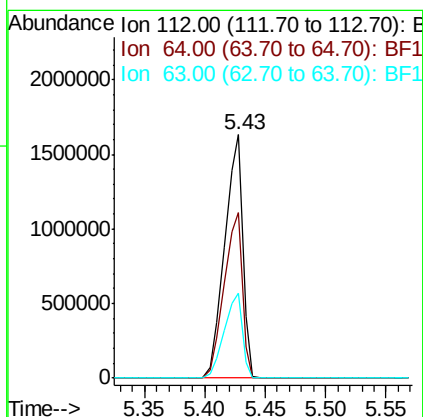
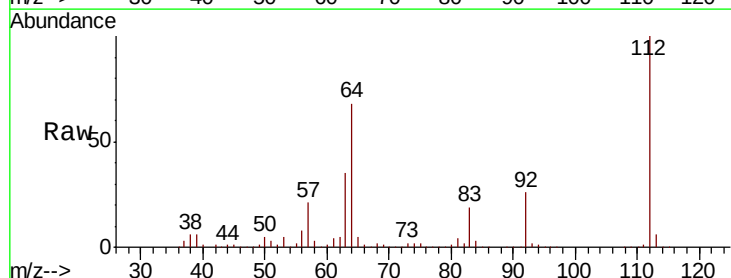
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	124.5	186.7
115	57.3	49.6	74.4

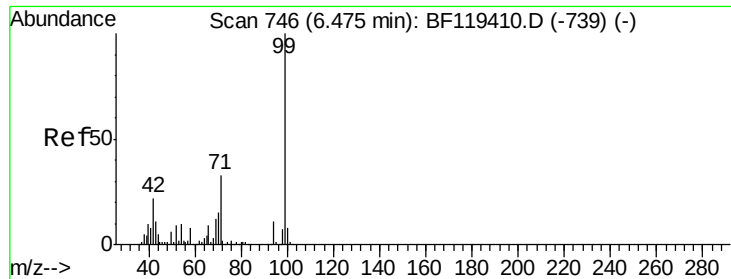


#5

2-Fluorophenol
Concen: 131.295 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF119712.D
Acq: 3 Apr 2020 12:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	56.7	85.1
63	35.0	29.5	44.3





#7

Phenol-d6

Concen: 131.464 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF119712.D

Acq: 3 Apr 2020 12:04

Instrument :

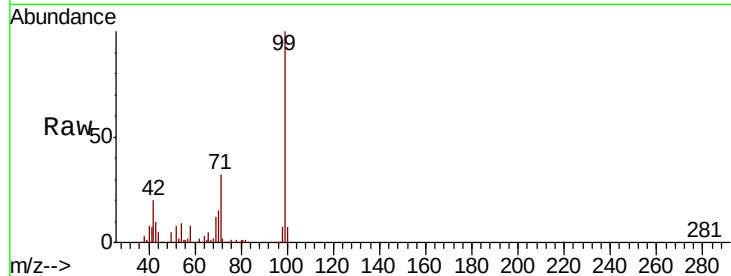
BNA_F

ClientSampleId :

PB127977BL

Tot Ion: 99 Resp: 2166710

Ion	Ratio	Lower	Upper
99	100		
42	19.6	16.6	24.8
71	32.3	26.4	39.6

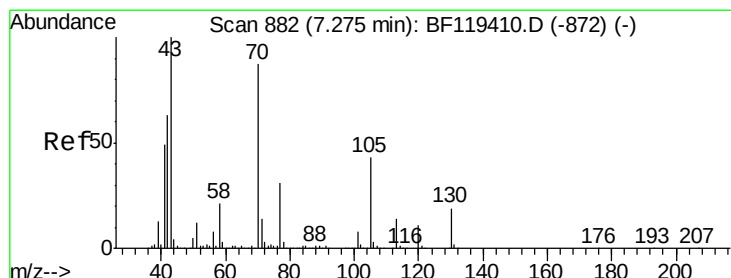
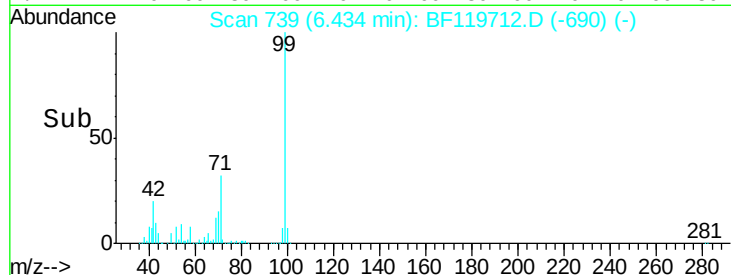
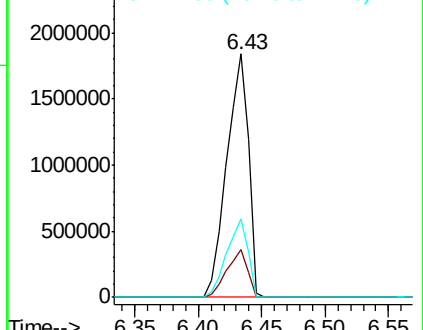


Abundance

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: 17.422 ng

RT: 7.37 min Scan# 898

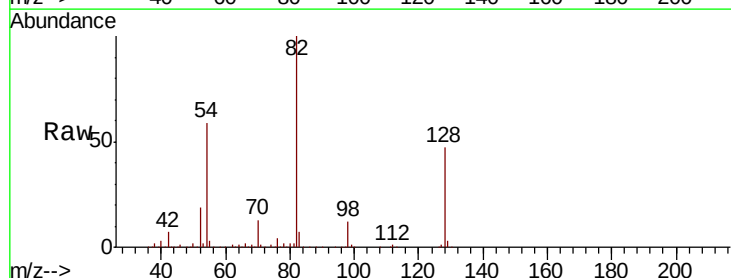
Delta R.T. 0.14 min

Lab File: BF119712.D

Acq: 3 Apr 2020 12:04

Tgt Ion: 70 Resp: 173070

Ion	Ratio	Lower	Upper
70	100		
42	50.8	54.5	81.7#
101	0.0	7.6	11.4#
130	2.2	17.6	26.4#



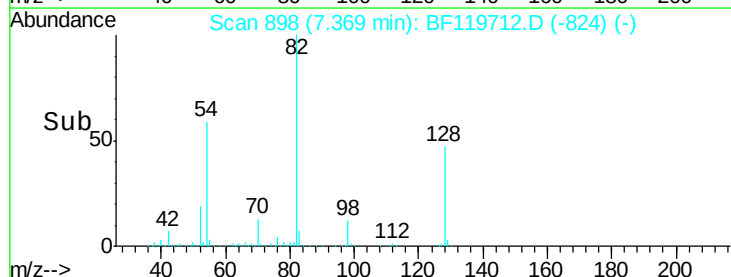
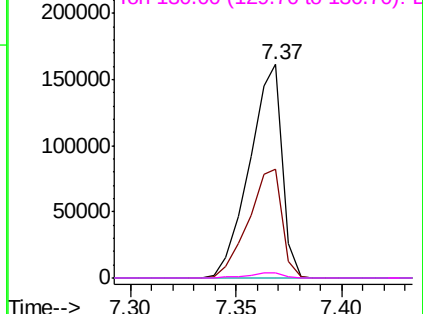
Abundance

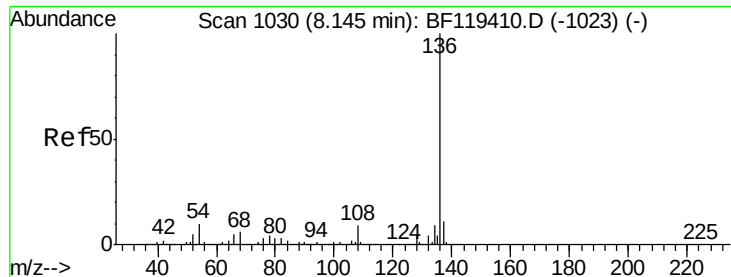
Ion 70.00 (69.70 to 70.70): BF1

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: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF119712.D

Acq: 3 Apr 2020 12:04

Instrument :

BNA_F

ClientSampleId :

PB127977BL

Tot Ion:136 Resp: 768285

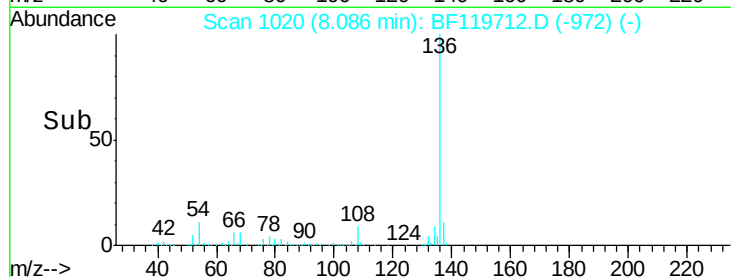
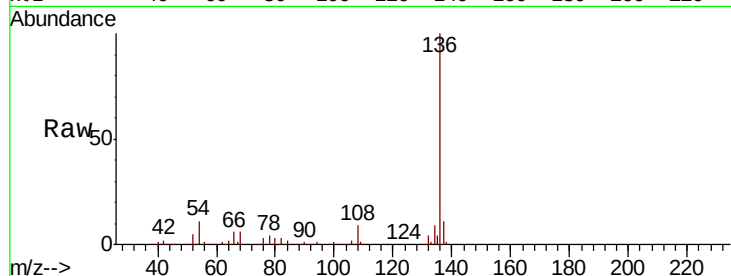
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.7 9.1 13.7

68 6.2 4.6 6.8

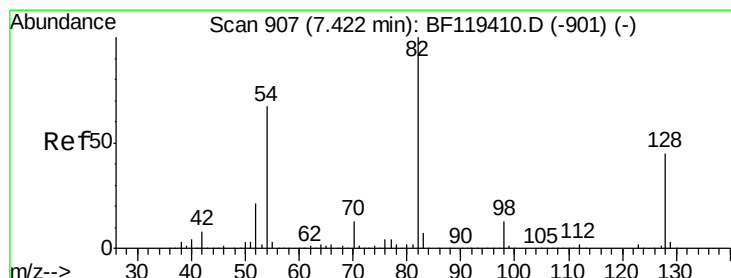
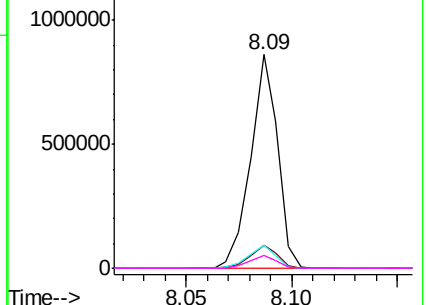


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.397 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF119712.D

Acq: 3 Apr 2020 12:04

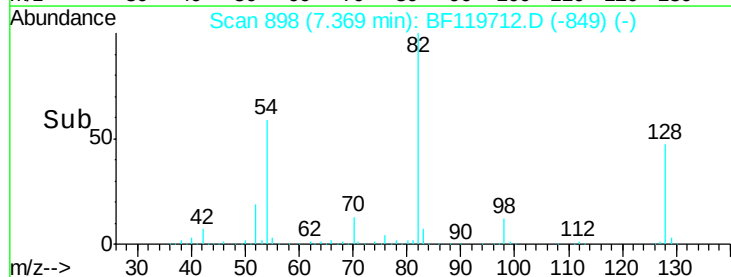
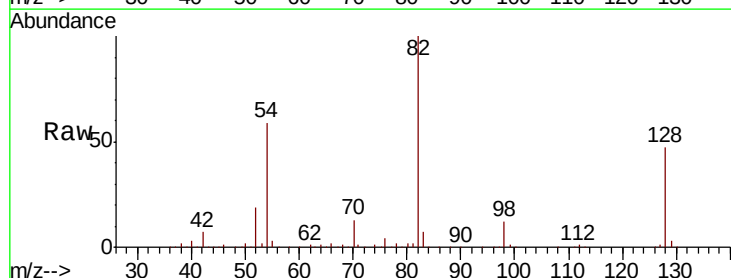
Tgt Ion: 82 Resp: 1334441

Ion Ratio Lower Upper

82 100

128 47.2 36.3 54.5

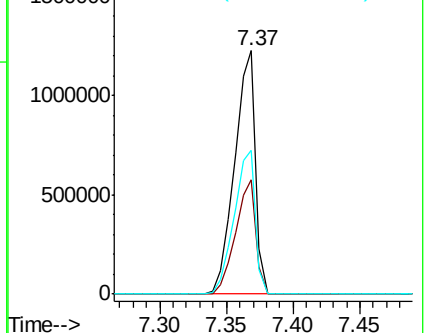
54 59.1 50.6 75.8

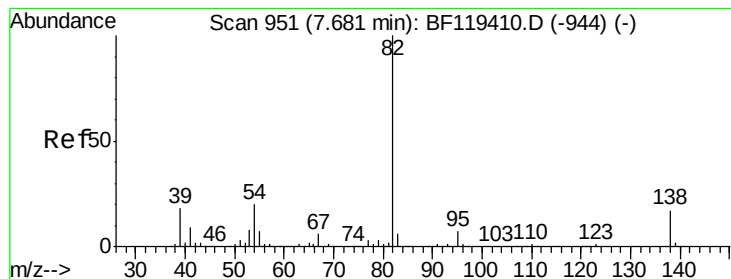


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 46.456 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.27 min

Lab File: BF119712.D

Acq: 3 Apr 2020 12:04

Instrument :

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ClientSampleId :

PB127977BL

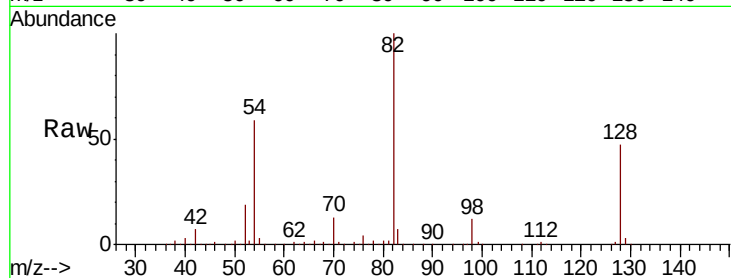
Tot Ion: 82 Resp: 1332181

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

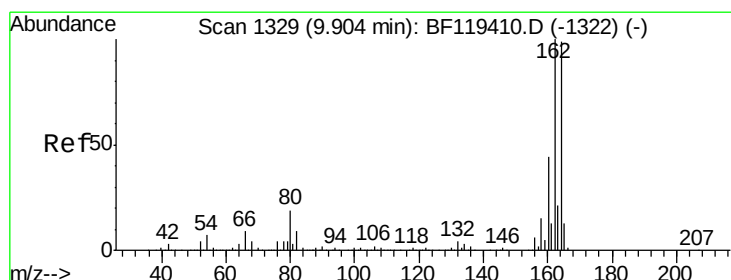
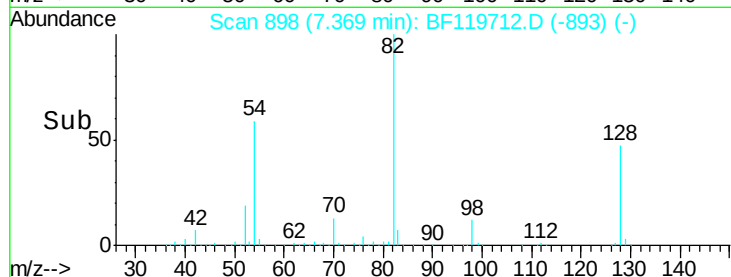
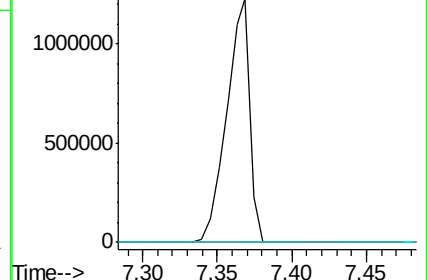
138 0.0 14.6 21.8#



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: 9.85 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BF119712.D

Acq: 3 Apr 2020 12:04

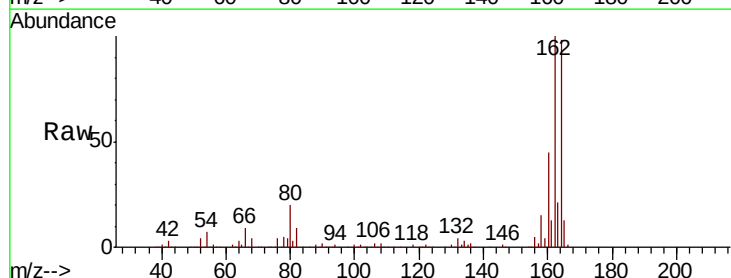
Tgt Ion:164 Resp: 400420

Ion Ratio Lower Upper

164 100

162 102.0 80.6 121.0

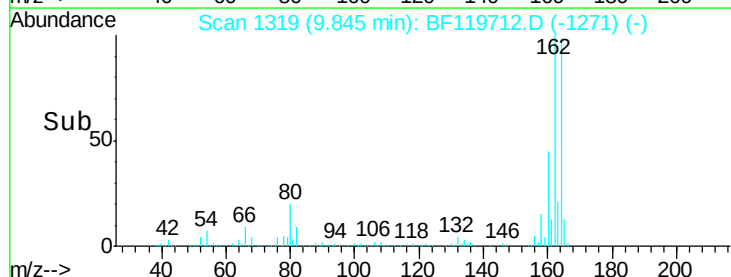
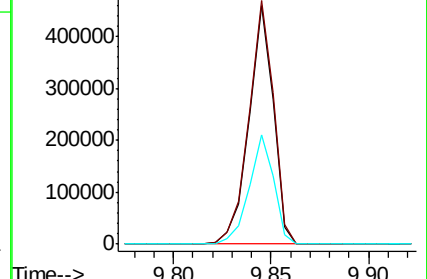
160 45.8 35.7 53.5

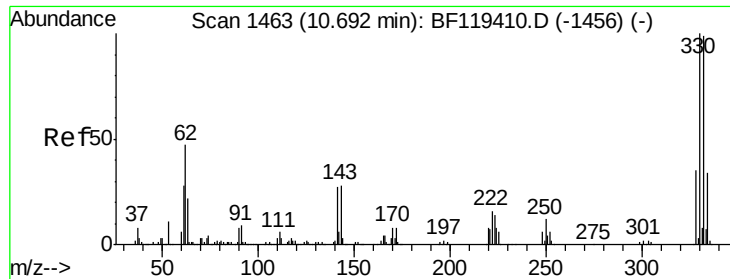


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

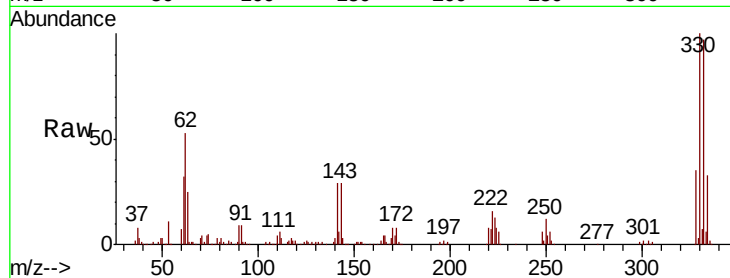




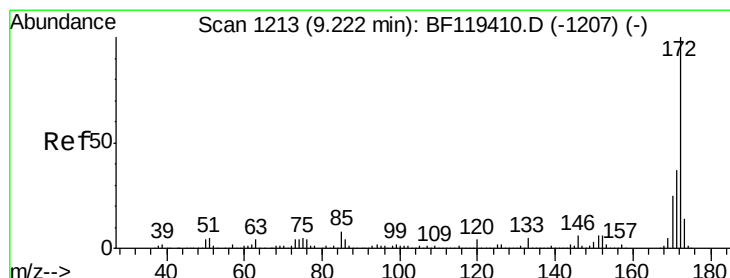
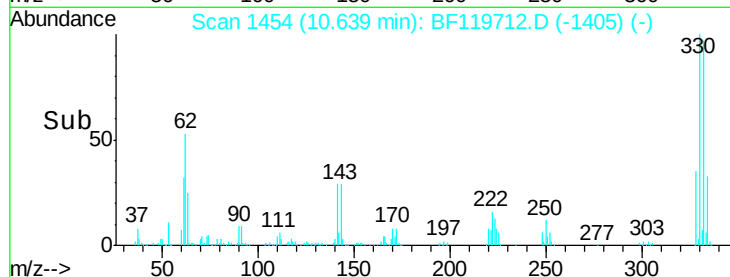
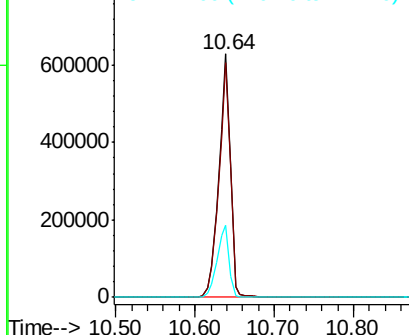
#42
 2,4,6-Tribromophenol
 Concen: 153.373 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF119712.D
 Acq: 3 Apr 2020 12:04

Instrument :
 BNA_F
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 PB127977BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.7	113.5
141	30.4	25.4	38.0

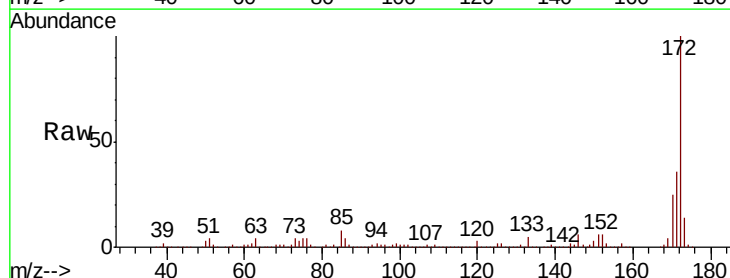


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

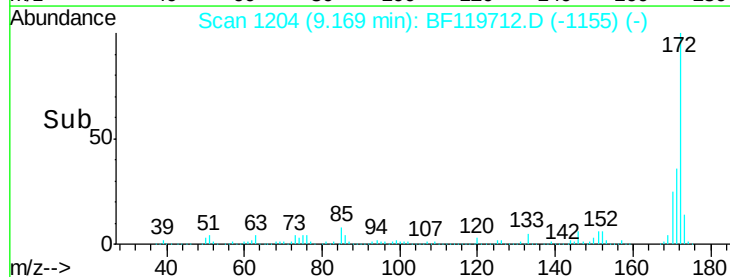
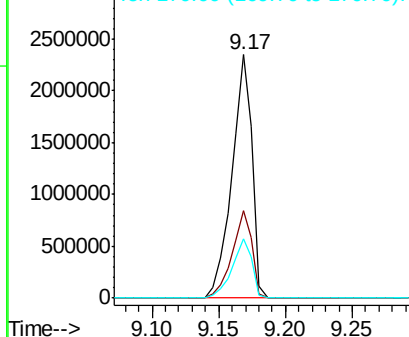


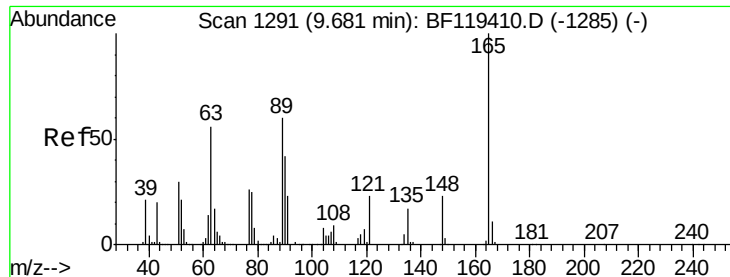
#45
 2-Fluorobiphenyl
 Concen: 91.930 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF119712.D
 Acq: 3 Apr 2020 12:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.5	20.2	30.2



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

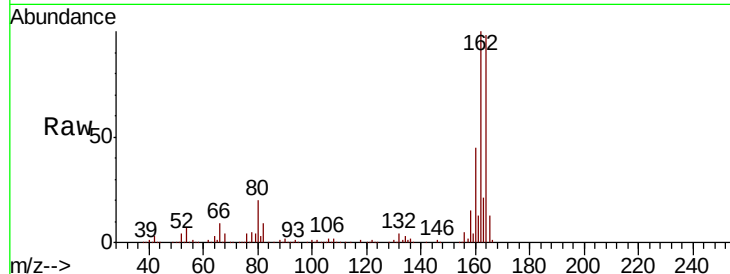




#51
 2,6-Dinitrotoluene
 Concen: 8.400 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.20 min
 Lab File: BF119712.D
 Acq: 3 Apr 2020 12:04

Instrument :
 BNA_F
 ClientSampleId :
 PB127977BL

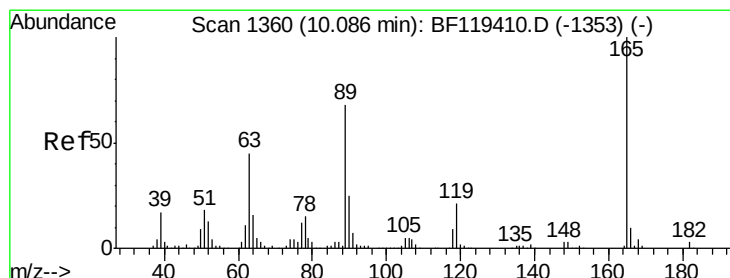
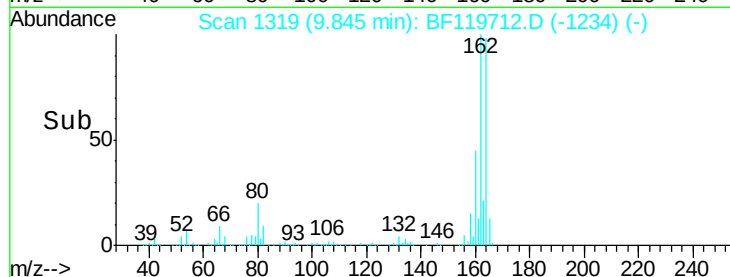
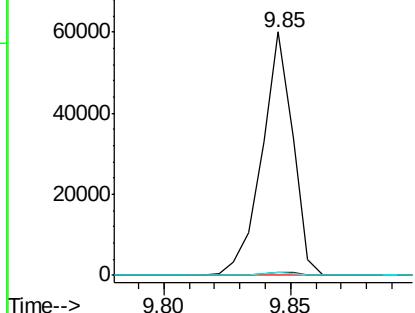
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	45.0	67.4#
89	1.2	41.5	62.3#



Abundance Ion 165.00 (164.70 to 165.70): E

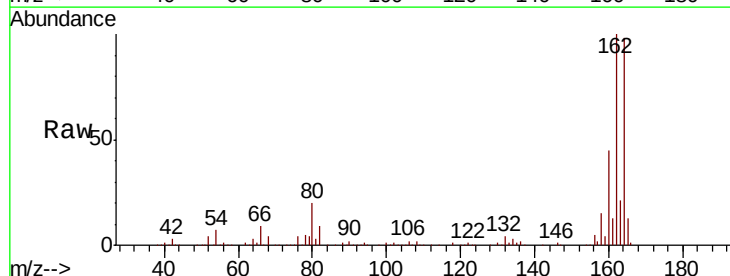
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#57
 2,4-Dinitrotoluene
 Concen: 6.668 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF119712.D
 Acq: 3 Apr 2020 12:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	42.6	64.0#
89	1.2	61.0	91.4#
182	0.0	2.2	3.2#

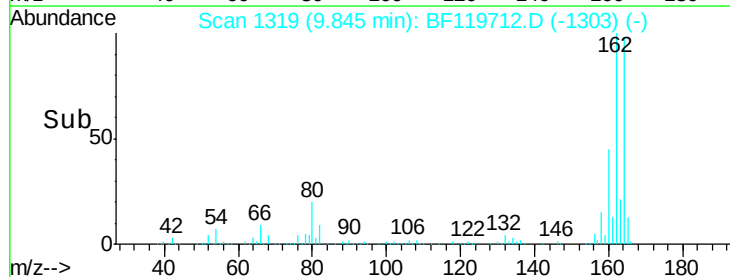
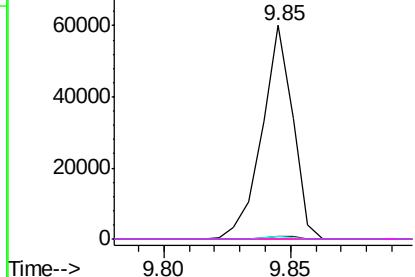


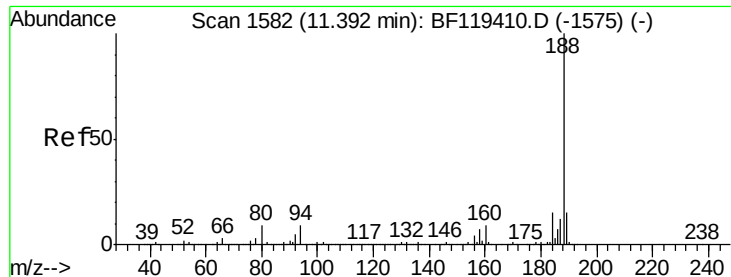
Abundance Ion 165.00 (164.70 to 165.70): E

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

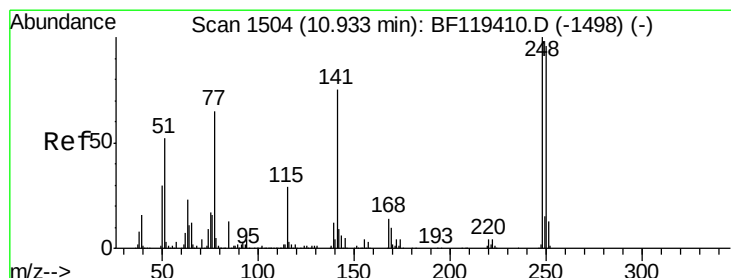
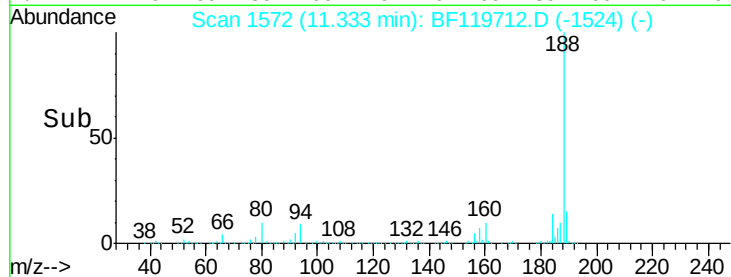
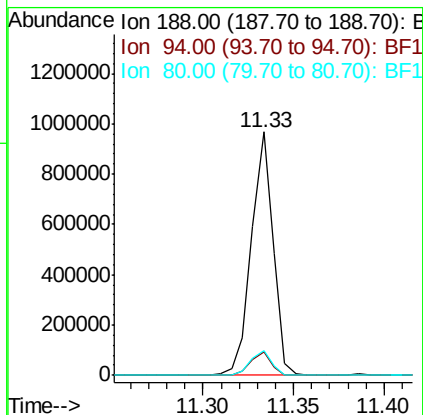
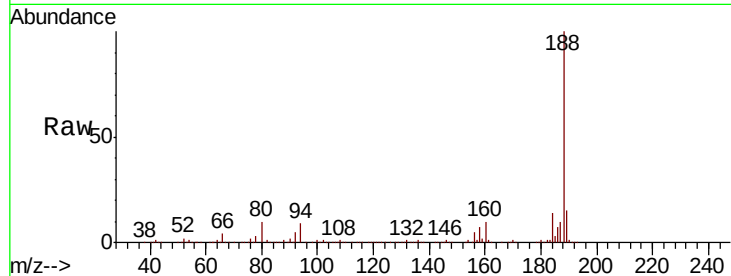




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.02 min
 Lab File: BF119712.D
 Acq: 3 Apr 2020 12:04

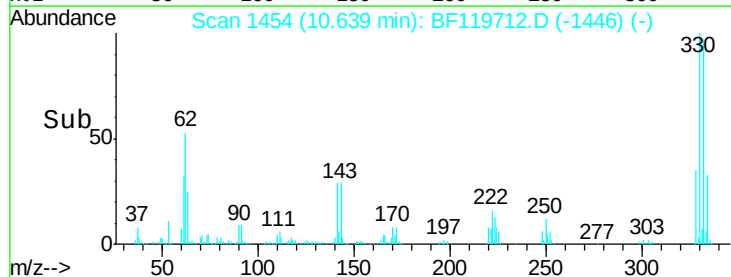
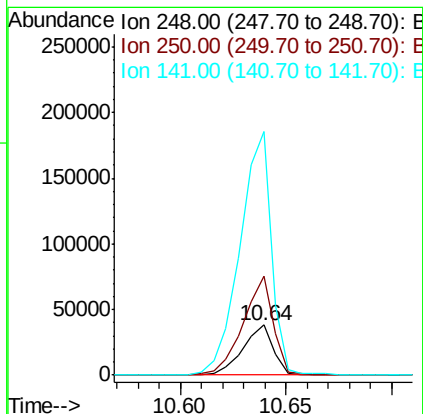
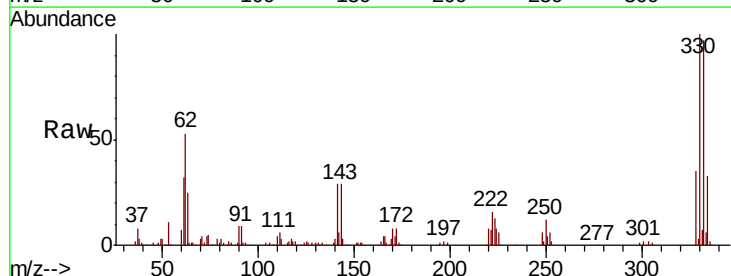
Instrument :
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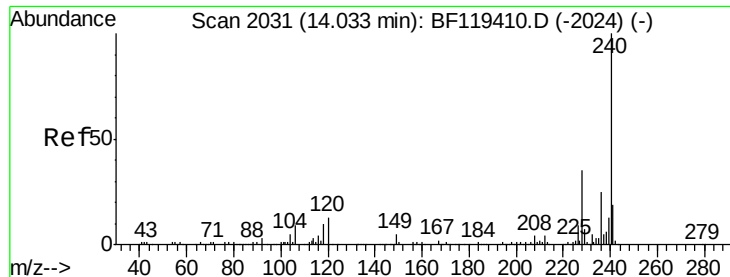
Tot Ion:188 Resp: 807255
 Ion Ratio Lower Upper
 188 100
 94 9.5 7.5 11.3
 80 10.0 9.0 13.4



#67
 4-Bromophenyl-phenylether
 Concen: 4.169 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.25 min
 Lab File: BF119712.D
 Acq: 3 Apr 2020 12:04

Tgt Ion:248 Resp: 38331
 Ion Ratio Lower Upper
 248 100
 250 198.0 77.3 115.9#
 141 485.9 58.6 87.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BF119712.D

Acq: 3 Apr 2020 12:04

Instrument :

BNA_F

ClientSampleId :

PB127977BL

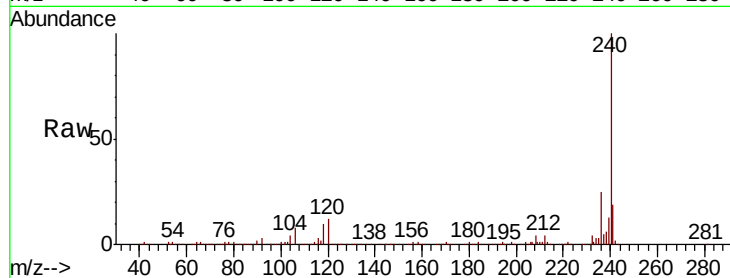
Tot Ion:240 Resp: 704474

Ion Ratio Lower Upper

240 100

120 12.0 10.6 15.8

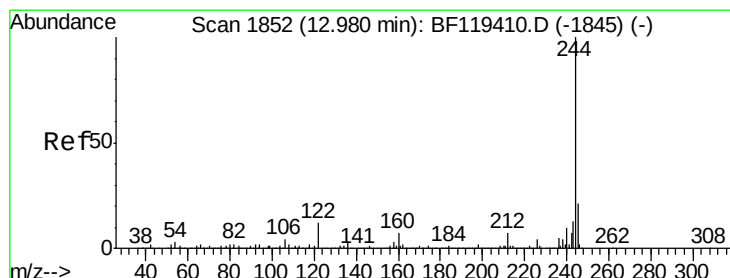
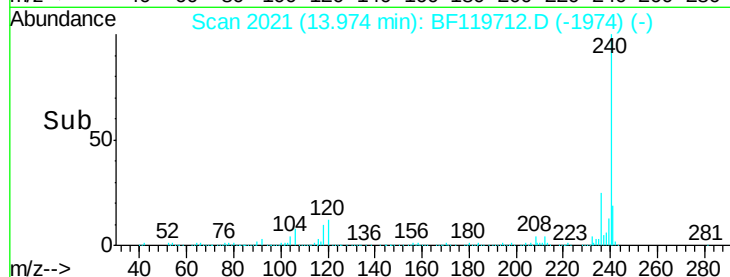
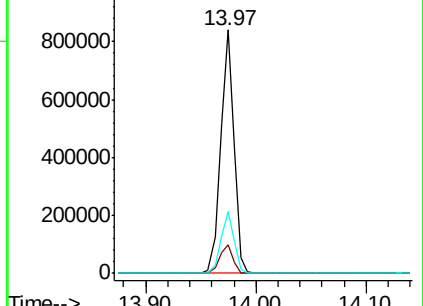
236 25.3 20.2 30.2



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: 83.545 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF119712.D

Acq: 3 Apr 2020 12:04

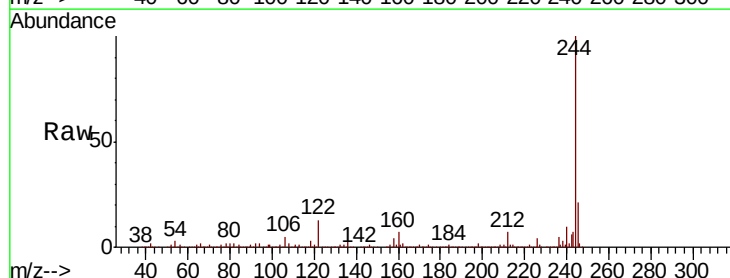
Tgt Ion:244 Resp: 3004031

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

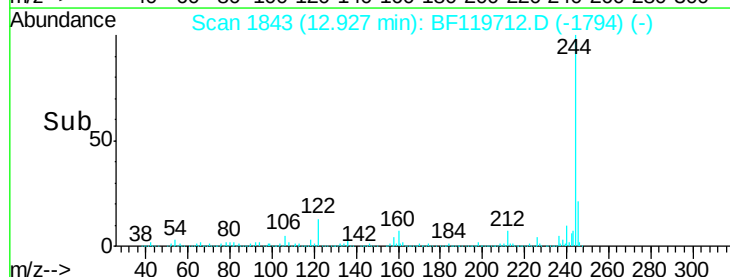
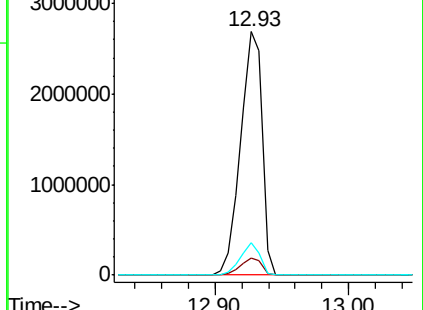
122 13.5 10.3 15.5

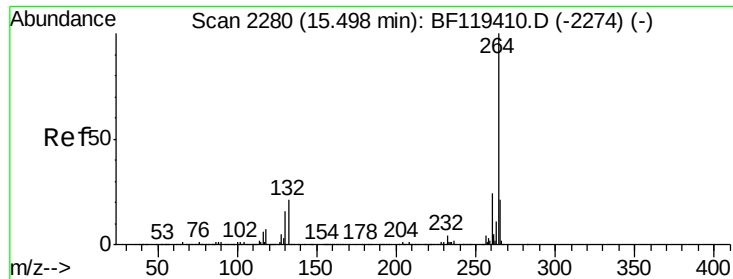


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

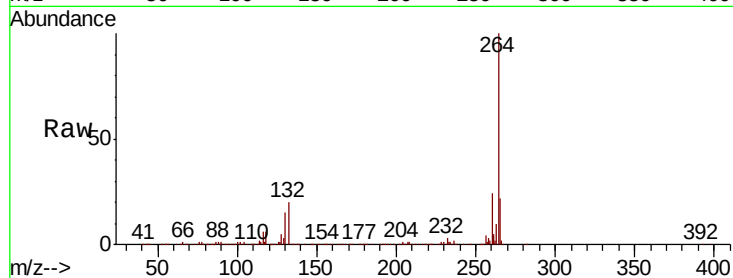




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF119712.D
Acq: 3 Apr 2020 12:04

Instrument :
BNA_F
ClientSampleId :
PB127977BL

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.2	18.7	28.1	
265	21.5	17.7	26.5	



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

