

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF041020\
 Data File : BF119895.D
 Acq On : 10 Apr 2020 15:30
 Operator : MA/SJ
 Sample : L2178-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FIELD-BLANK

Quant Time: Apr 10 16:09:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 13:48:19 2020
 Response via : Initial Calibration

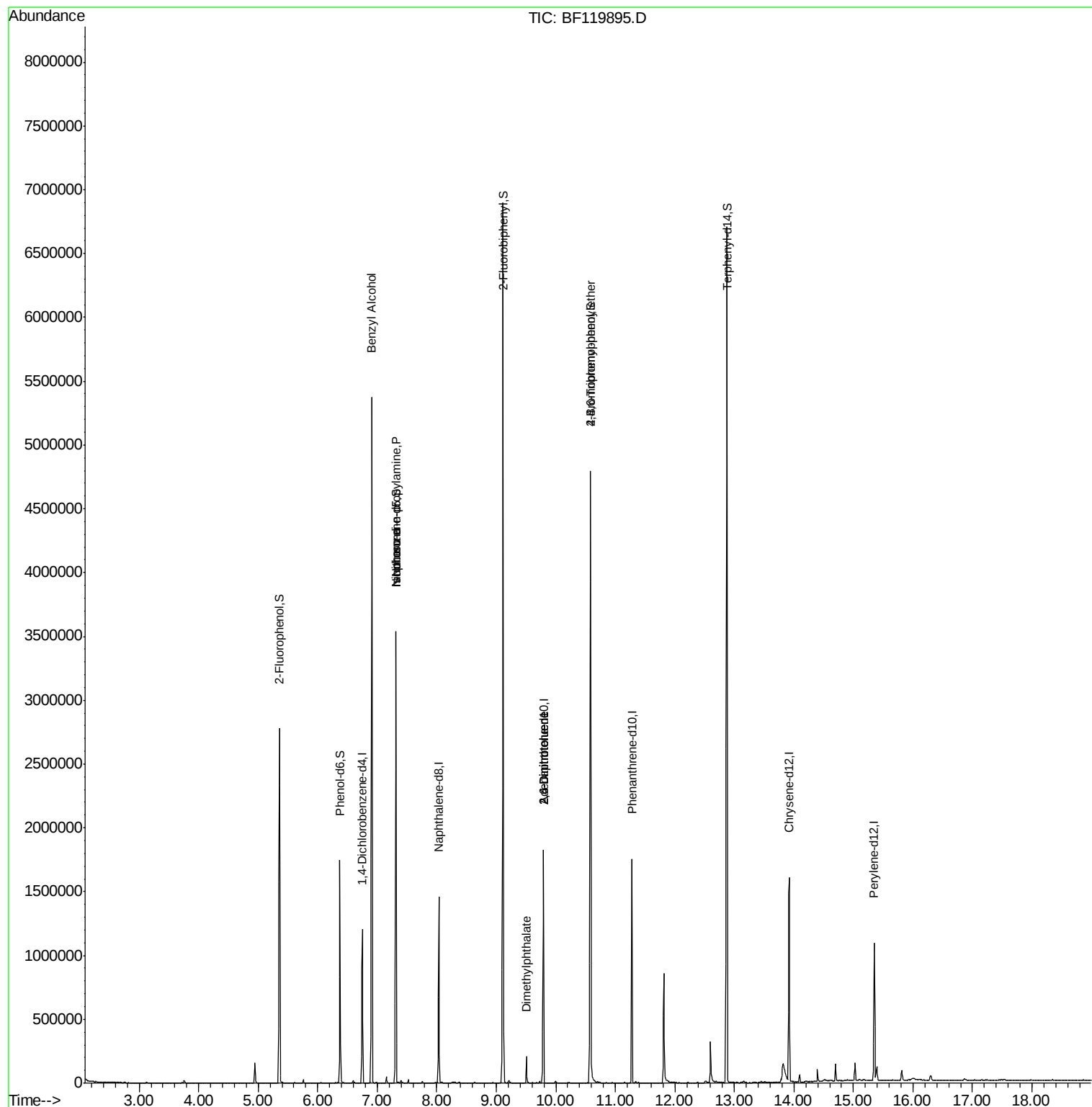
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	172483	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	660514	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	348969	20.00	ng	0.00
64) Phenanthrene-d10	11.28	188	696513	20.00	ng	0.00
76) Chrysene-d12	13.92	240	554308	20.00	ng	0.00
87) Perylene-d12	15.35	264	500141	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	747179	74.86	ng	0.00
7) Phenol-d6	6.37	99	573397	44.59	ng	-0.02
23) Nitrobenzene-d5	7.32	82	1392674	109.08	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	668691	156.51	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	2520174	102.53	ng	0.00
79) Terphenyl-d14	12.88	244	3032909	92.07	ng	0.00
Target Compounds						
9) Benzaldehyde	6.30	77	1006	Below Cal		93
15) Benzyl Alcohol	6.91	79	22196	2.222 ng	#	48
19) n-Nitroso-di-n-propylamine	7.32	70	183393	22.176 ng	#	76
25) Isophorone	7.32	82	1392039	56.559 ng	#	65
50) Dimethylphthalate	9.51	163	85749	3.177 ng		97
51) 2,6-Dinitrotoluene	9.79	165	44470	7.523 ng	#	19
57) 2,4-Dinitrotoluene	9.79	165	44470	5.710 ng	#	22
67) 4-Bromophenyl-phenylether	10.59	248	39656	4.578 ng	#	1

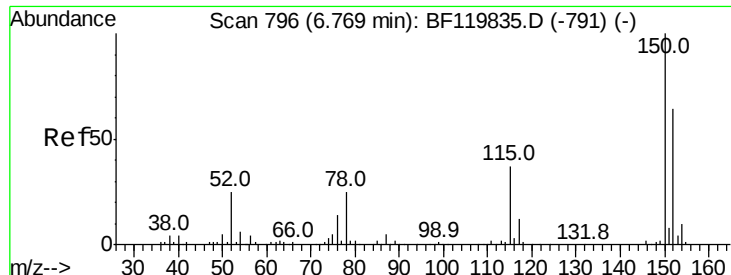
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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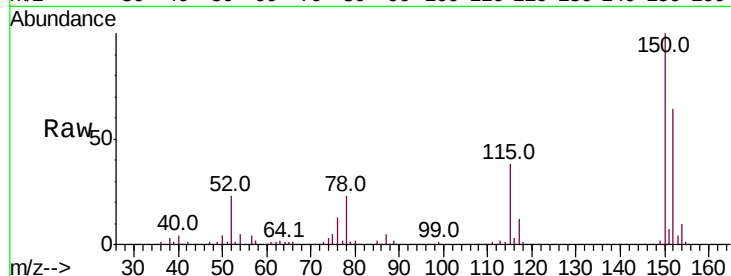


#1

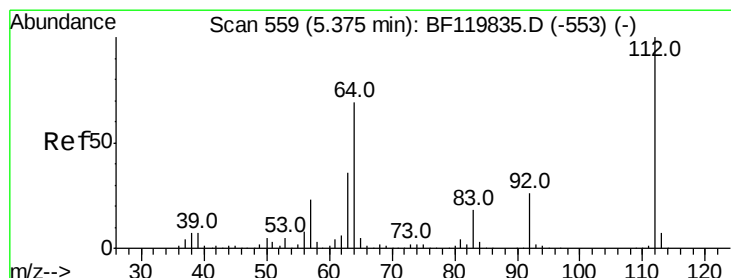
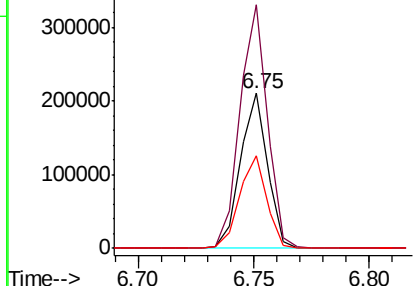
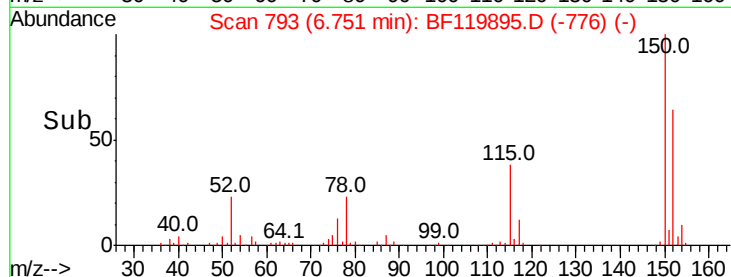
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF119895.D
Acq: 10 Apr 2020 15:30

Instrument :
BNA_N
ClientSampleId :
FIELD-BLANK

Tot Ion:152 Resp: 172483
Ion Ratio Lower Upper
152 100
150 157.0 124.8 187.2
115 59.9 46.5 69.7



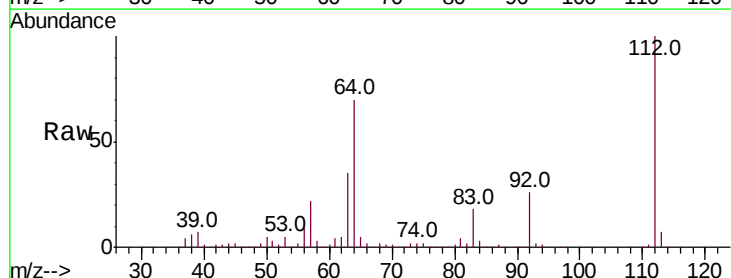
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



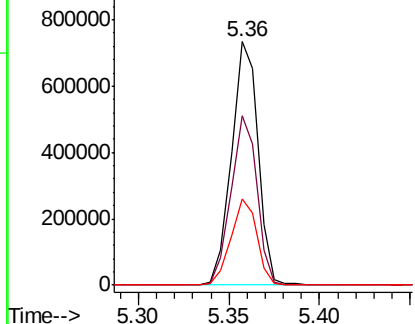
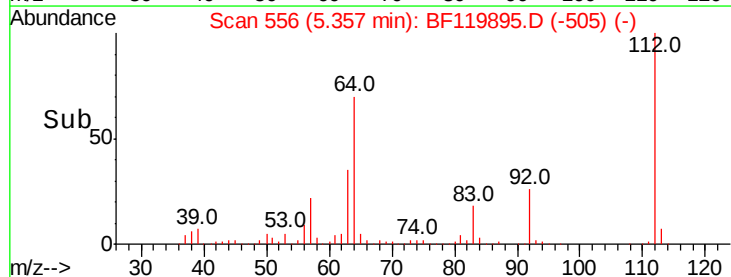
#5

2-Fluorophenol
Concen: 74.863 ng
RT: 5.36 min Scan# 556
Delta R.T. -0.00 min
Lab File: BF119895.D
Acq: 10 Apr 2020 15:30

Tgt Ion:112 Resp: 747179
Ion Ratio Lower Upper
112 100
64 69.6 55.5 83.3
63 35.4 29.1 43.7



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: 44.586 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF119895.D

Acq: 10 Apr 2020 15:30

Instrument :

BNA_N

ClientSampleId :

FIELD-BLANK

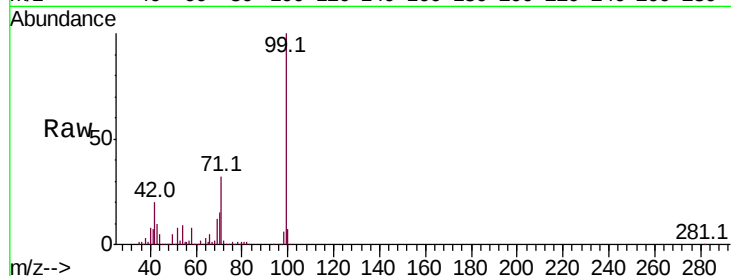
Tot Ion: 99 Resp: 573397

Ion Ratio Lower Upper

99 100

42 20.2 16.9 25.3

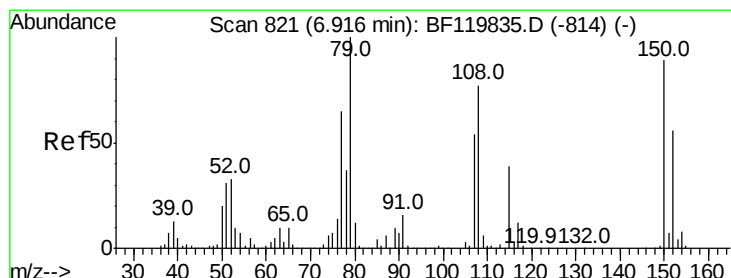
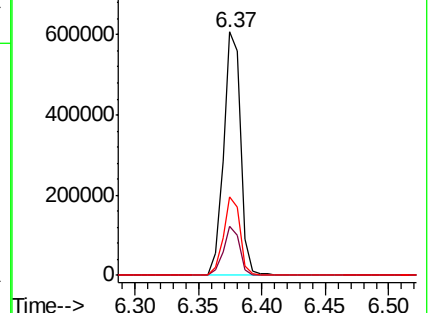
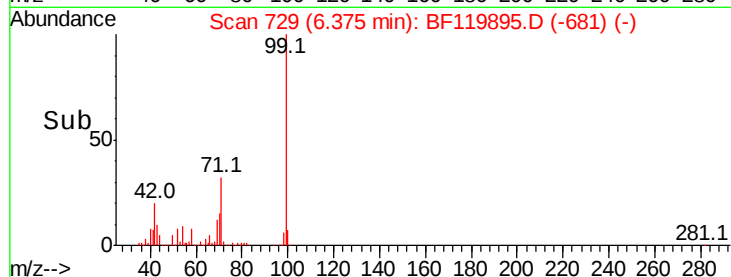
71 32.3 26.3 39.5



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



#15

Benzyl Alcohol

Concen: 2.222 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF119895.D

Acq: 10 Apr 2020 15:30

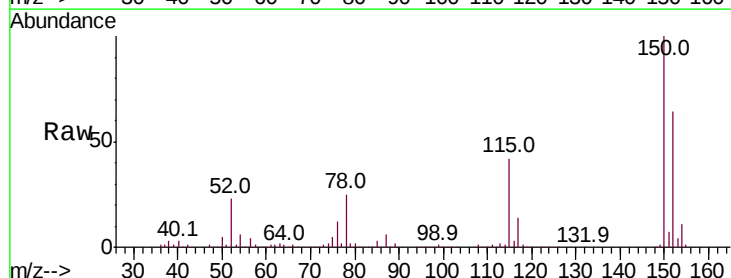
Tgt Ion: 79 Resp: 22196

Ion Ratio Lower Upper

79 100

108 28.6 62.0 93.0#

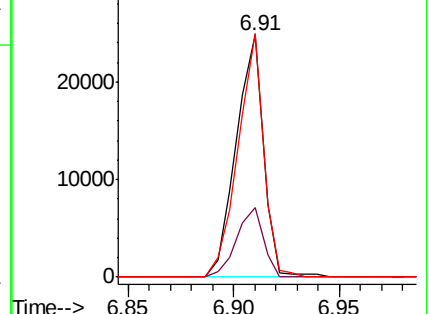
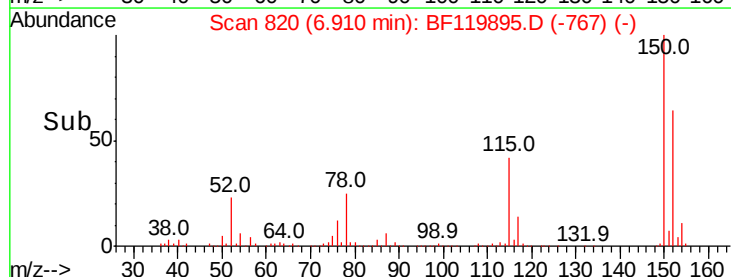
77 100.6 51.8 77.6#

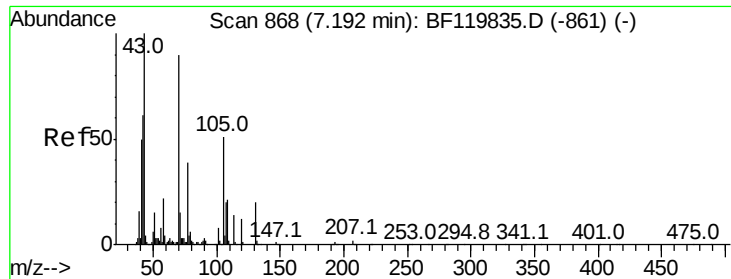


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

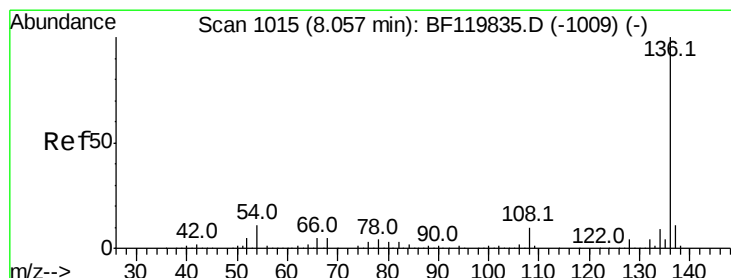
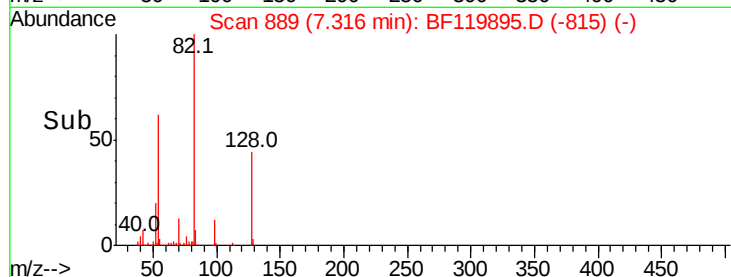
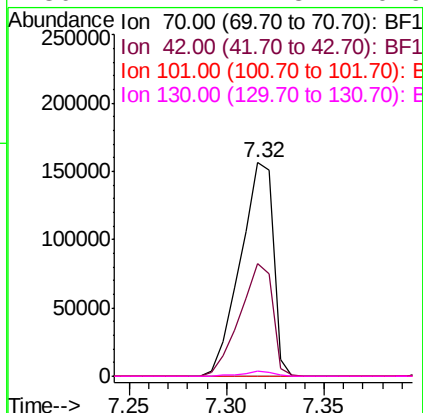
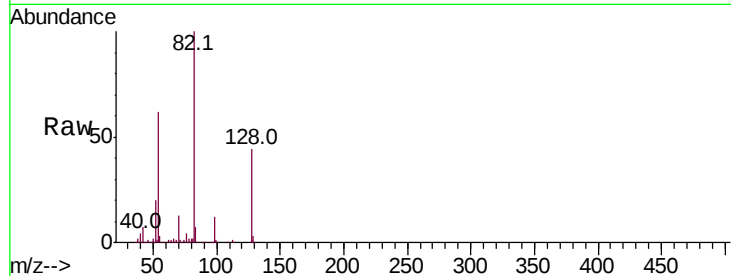




#19
n-Nitroso-di-n-propylamine
Concen: 22.176 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.14 min
Lab File: BF119895.D
Acq: 10 Apr 2020 15:30

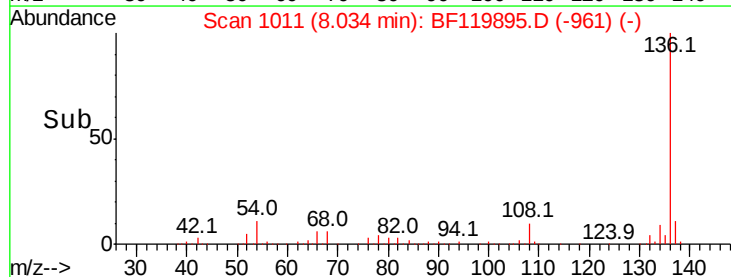
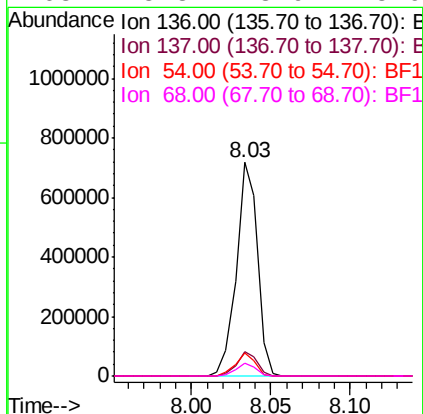
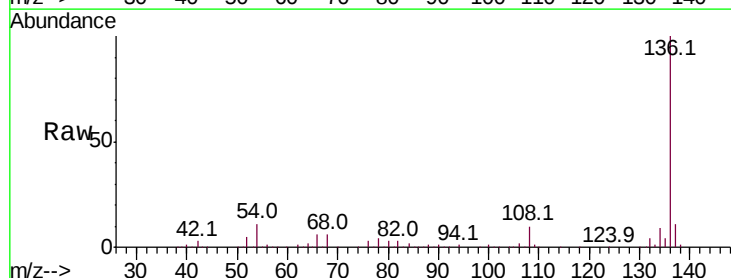
Instrument :
BNA_N
ClientSampleId :
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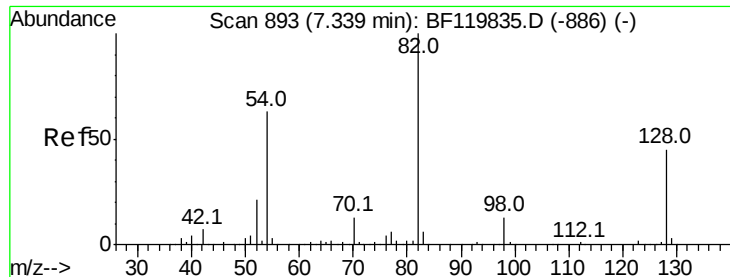
Tot Ion:	70	Resp:	183393
Ion	Ratio	Lower	Upper
70	100		
42	52.8	54.2	81.4#
101	0.0	7.4	11.2#
130	2.1	17.8	26.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119895.D
Acq: 10 Apr 2020 15:30

Tgt Ion:	136	Resp:	660514
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	10.7	8.5	12.7
68	5.8	3.9	5.9

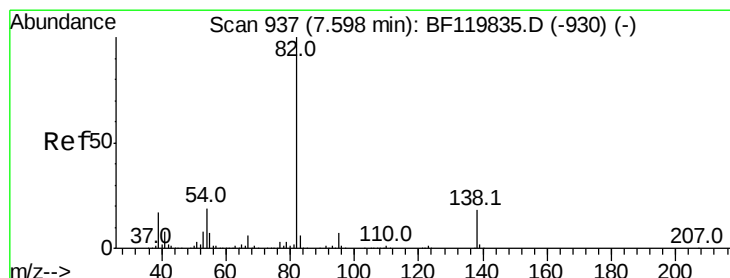
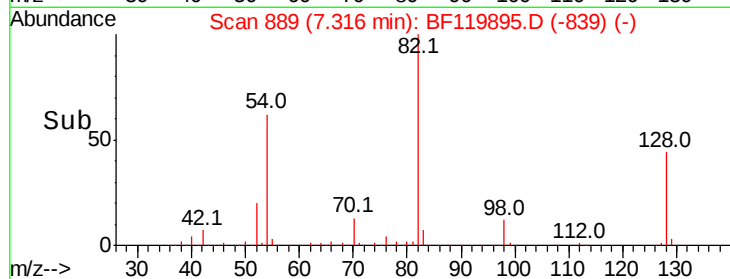
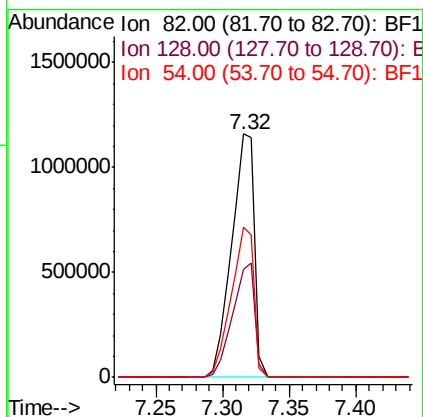
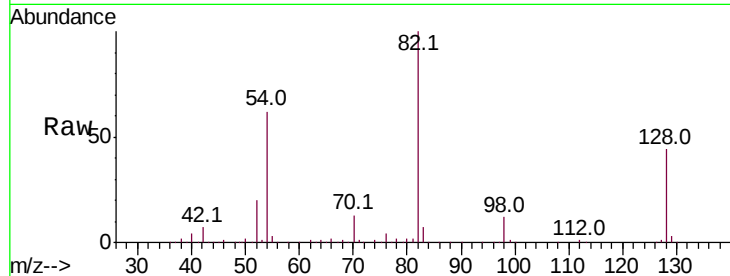




#23
Nitrobenzene-d5
Concen: 109.079 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF119895.D
Acq: 10 Apr 2020 15:30

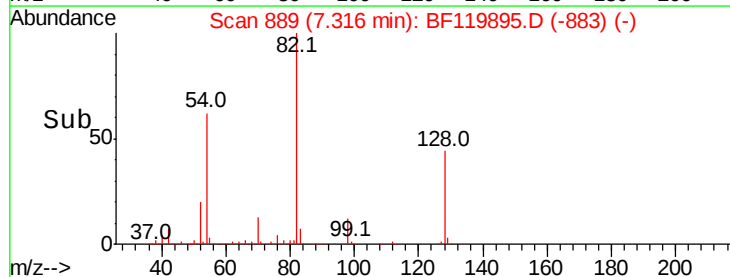
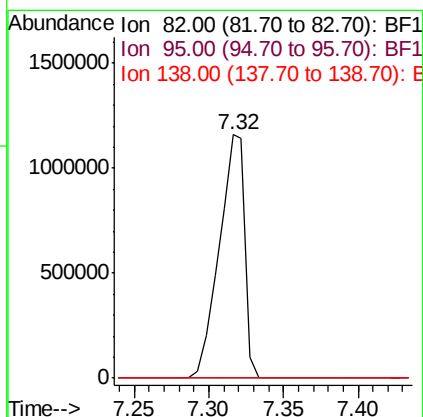
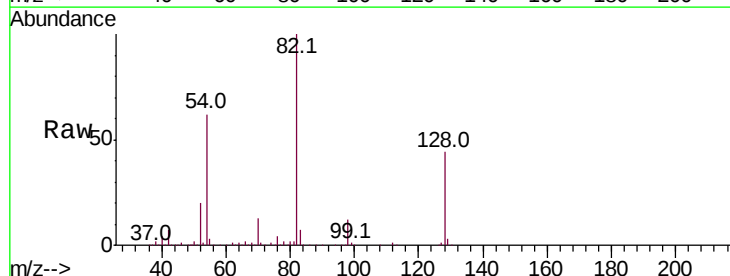
Instrument :
BNA_N
ClientSampleId :
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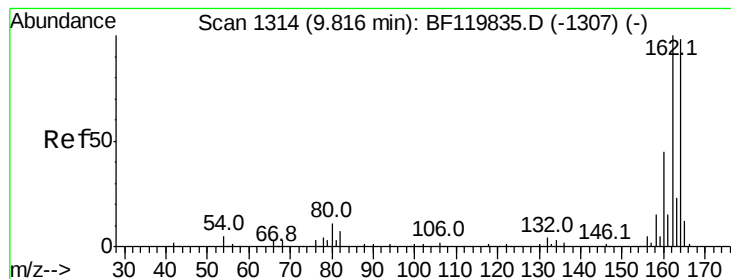
Tot Ion: 82 Resp: 1392674
Ion Ratio Lower Upper
82 100
128 44.2 36.2 54.4
54 61.7 50.4 75.6



#25
Isophorone
Concen: 56.559 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.26 min
Lab File: BF119895.D
Acq: 10 Apr 2020 15:30

Tgt Ion: 82 Resp: 1392039
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.5 21.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF119895.D

Acq: 10 Apr 2020 15:30

Instrument :

BNA_N

ClientSampleId :

FIELD-BLANK

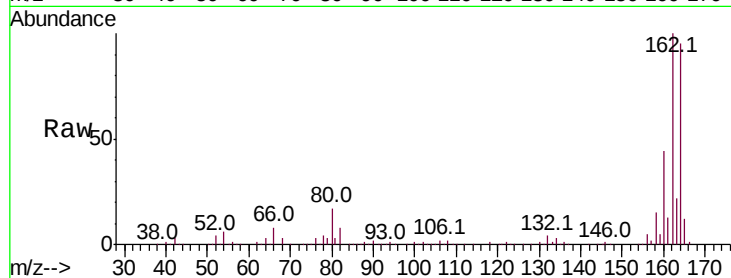
Tot Ion:164 Resp: 348969

Ion Ratio Lower Upper

164 100

162 104.9 81.9 122.9

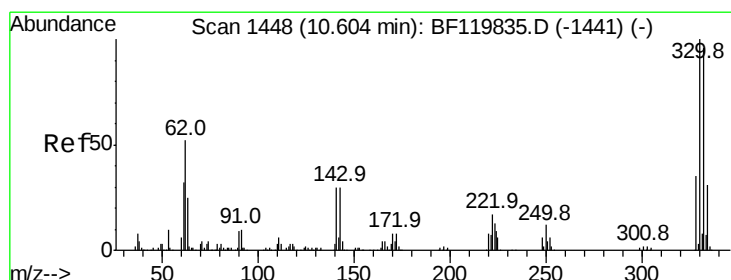
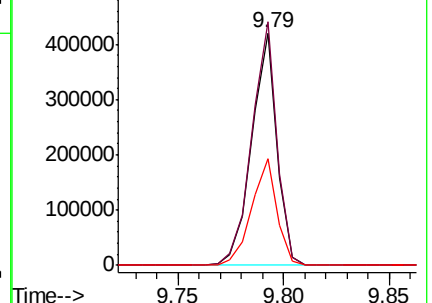
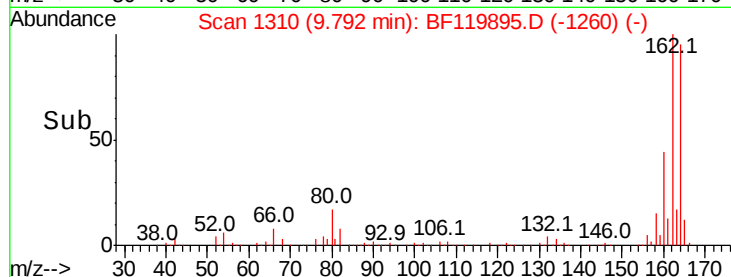
160 46.2 36.6 54.8



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: 156.508 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BF119895.D

Acq: 10 Apr 2020 15:30

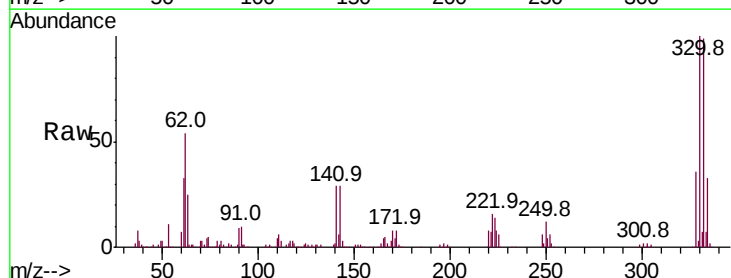
Tgt Ion:330 Resp: 668691

Ion Ratio Lower Upper

330 100

332 96.3 76.8 115.2

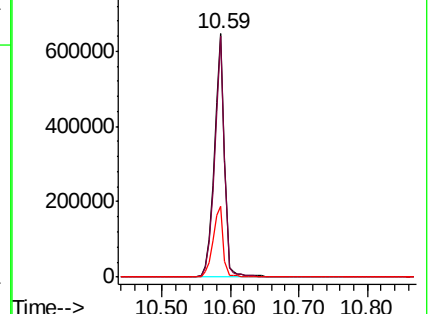
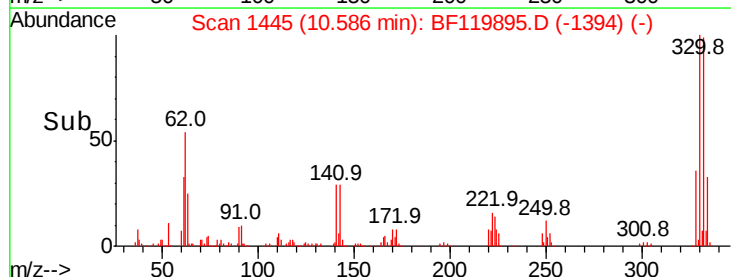
141 30.2 25.1 37.7

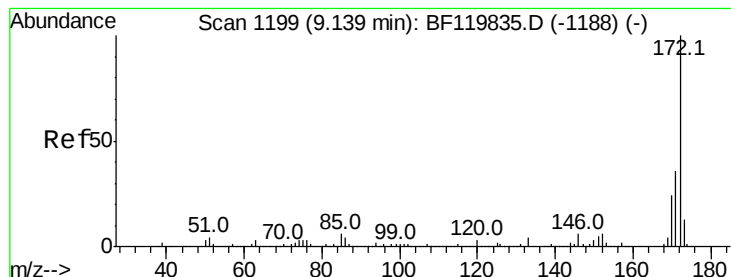


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 102.533 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF119895.D

Acq: 10 Apr 2020 15:30

Instrument :

BNA_N

ClientSampleId :

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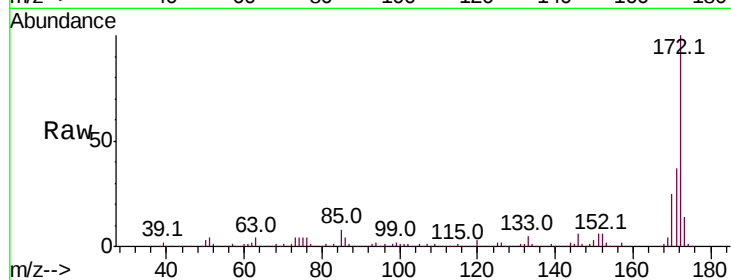
Tot Ion:172 Resp: 2520174

Ion Ratio Lower Upper

172 100

171 36.8 28.9 43.3

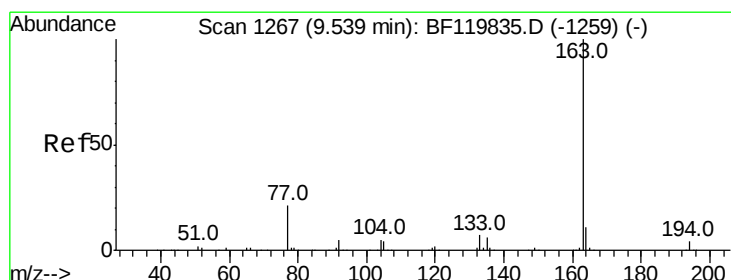
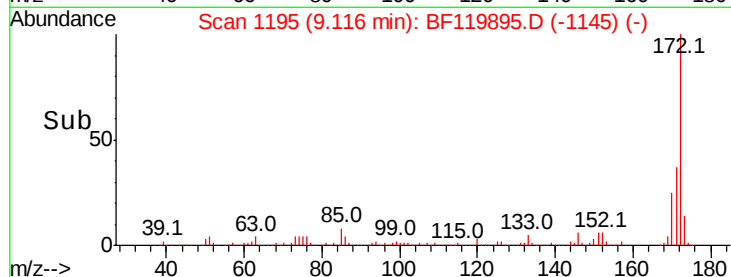
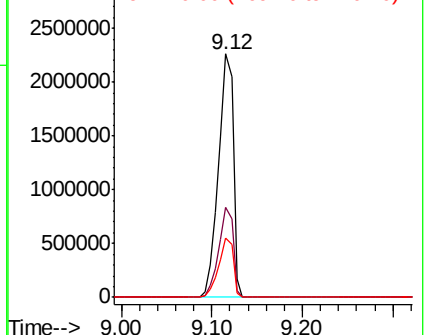
170 24.6 19.4 29.2



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: 3.177 ng

RT: 9.51 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BF119895.D

Acq: 10 Apr 2020 15:30

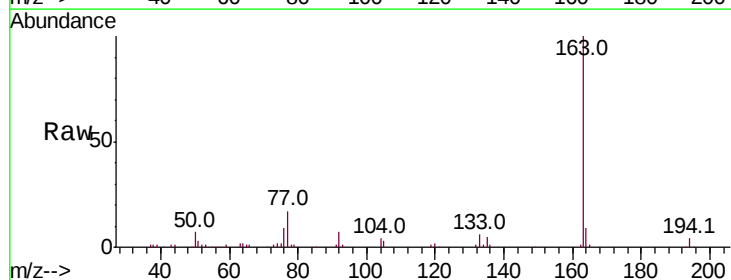
Tgt Ion:163 Resp: 85749

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

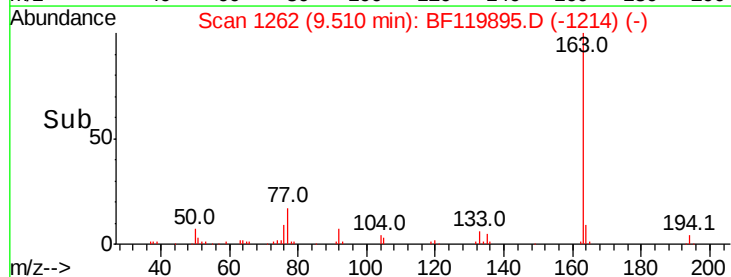
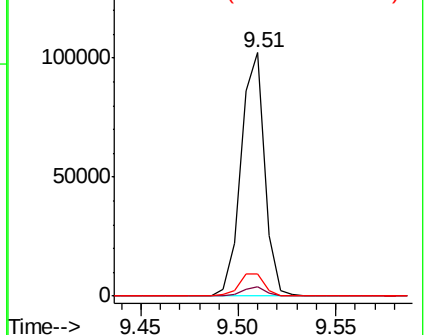
164 9.1 8.4 12.6

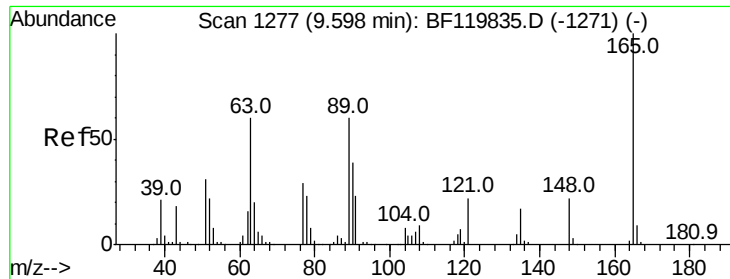


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

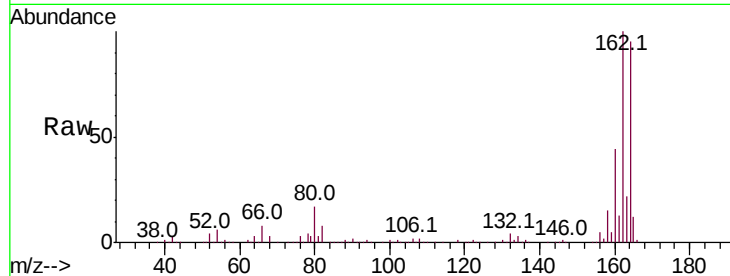




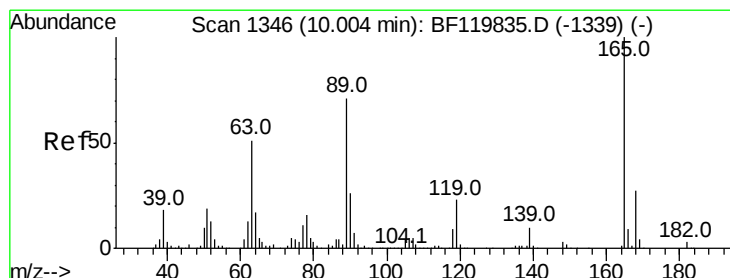
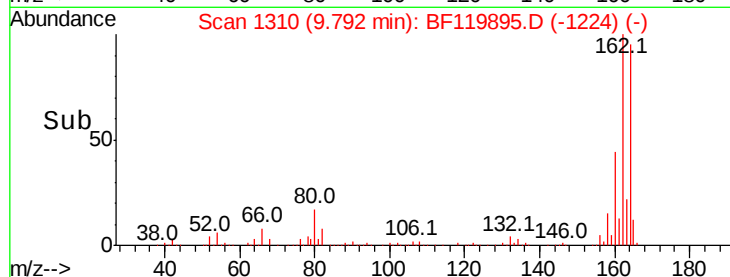
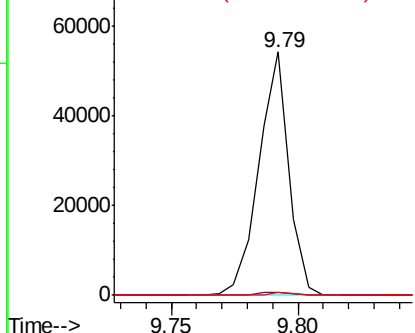
#51
 2,6-Dinitrotoluene
 Concen: 7.523 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.21 min
 Lab File: BF119895.D
 Acq: 10 Apr 2020 15:30

Instrument :
 BNA_N
 ClientSampleId :
 FIELD-BLANK

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	55.6	83.4#
89	1.2	47.9	71.9#

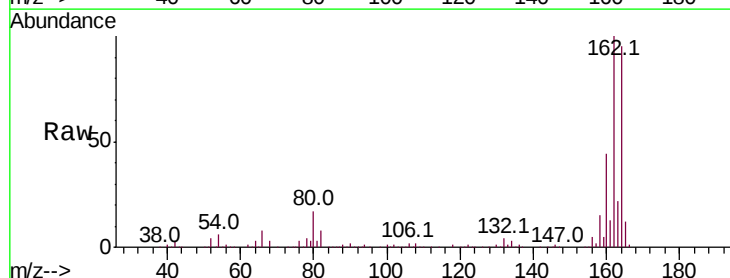


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

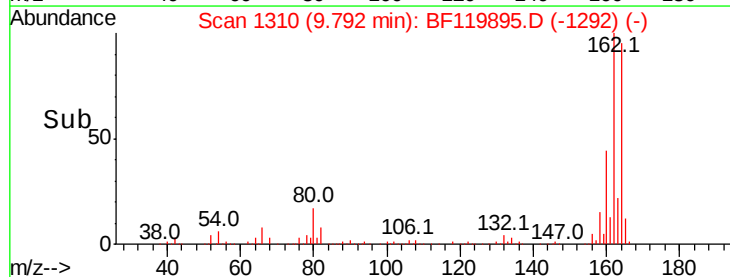
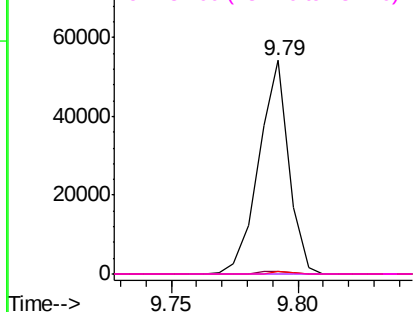


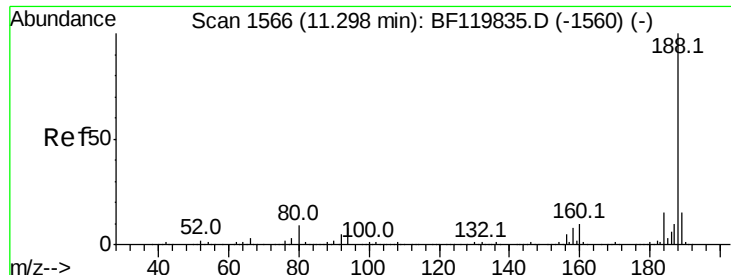
#57
 2,4-Dinitrotoluene
 Concen: 5.710 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF119895.D
 Acq: 10 Apr 2020 15:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.8	61.2#
89	1.2	56.9	85.3#
182	0.0	2.0	3.0#



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
 Ion 182.00 (181.70 to 182.70): E

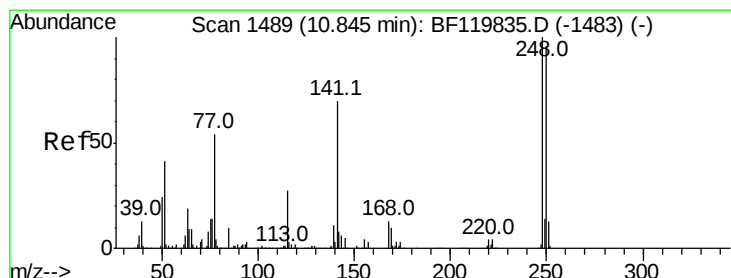
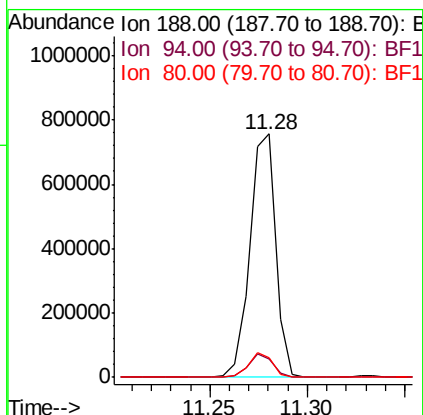
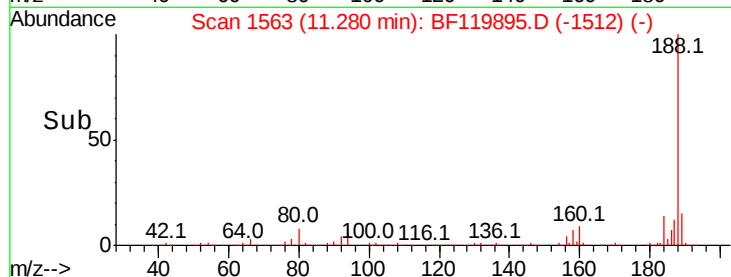
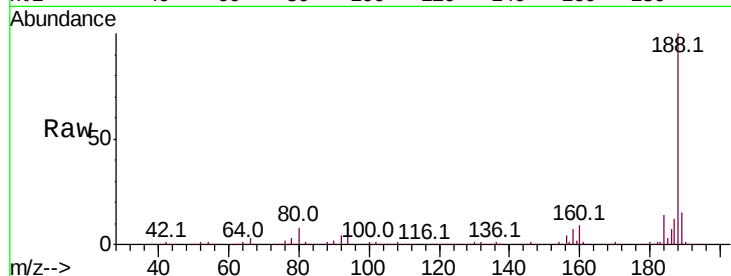




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BF119895.D
 Acq: 10 Apr 2020 15:30

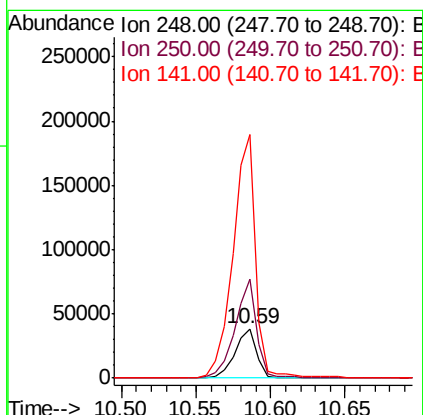
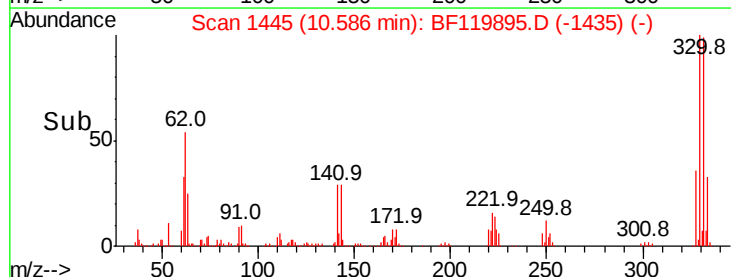
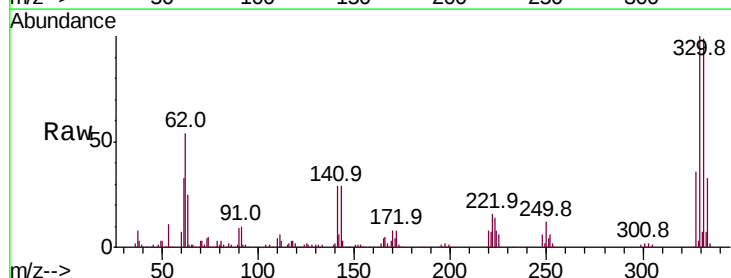
Instrument :
 BNA_N
 ClientSampleId :
 FIELD-BLANK

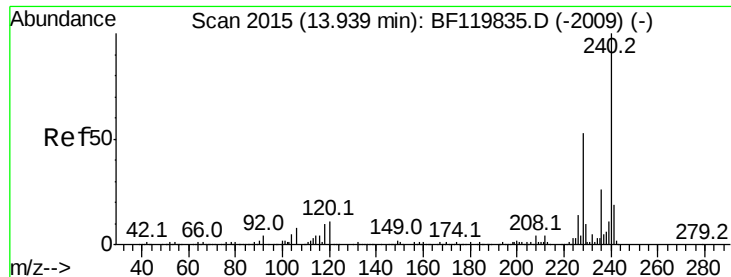
Tot Ion:188 Resp: 696513
 Ion Ratio Lower Upper
 188 100
 94 7.6 6.7 10.1
 80 8.2 7.4 11.2



#67
 4-Bromophenyl-phenylether
 Concen: 4.578 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.24 min
 Lab File: BF119895.D
 Acq: 10 Apr 2020 15:30

Tgt Ion:248 Resp: 39656
 Ion Ratio Lower Upper
 248 100
 250 198.9 76.6 114.8#
 141 491.5 55.9 83.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF119895.D

Acq: 10 Apr 2020 15:30

Instrument :

BNA_N

ClientSampleId :

FIELD-BLANK

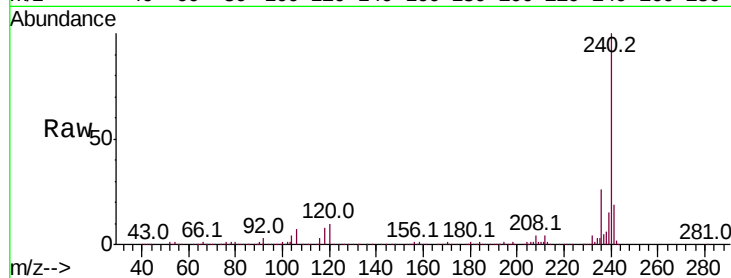
Tot Ion:240 Resp: 554308

Ion Ratio Lower Upper

240 100

120 9.8 9.0 13.6

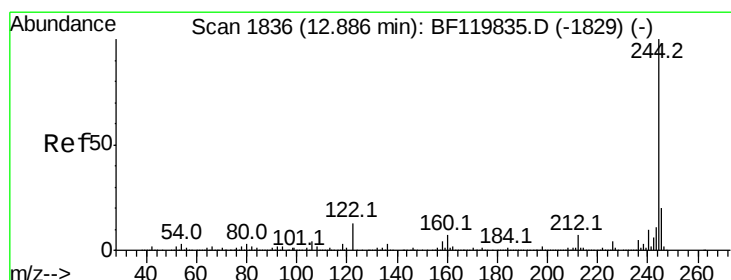
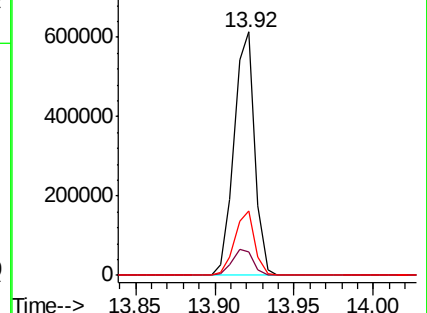
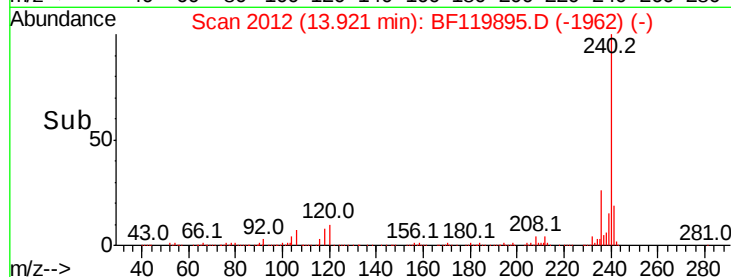
236 26.3 20.7 31.1



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: 92.067 ng

RT: 12.88 min Scan# 1835

Delta R.T. 0.01 min

Lab File: BF119895.D

Acq: 10 Apr 2020 15:30

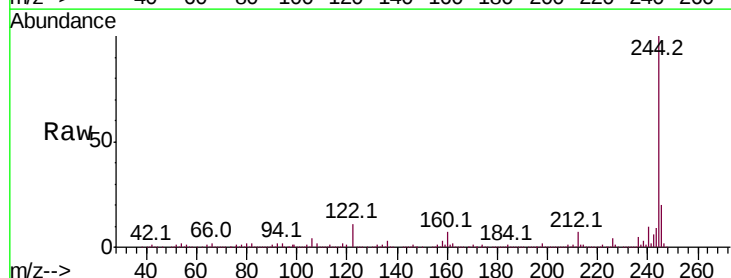
Tgt Ion:244 Resp: 3032909

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

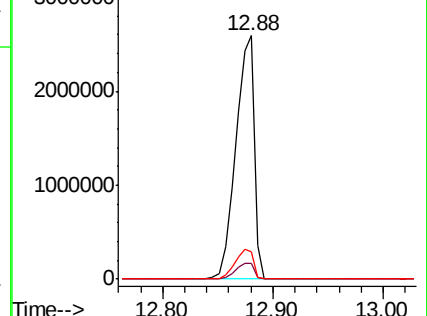
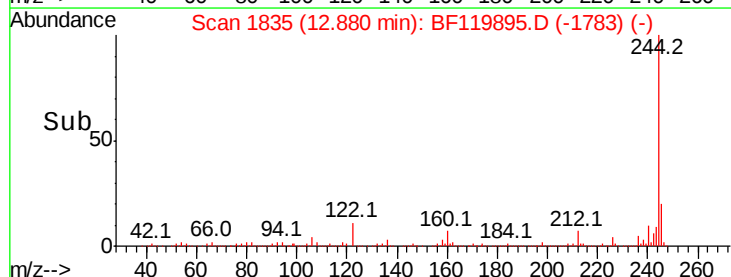
122 11.3 10.3 15.5

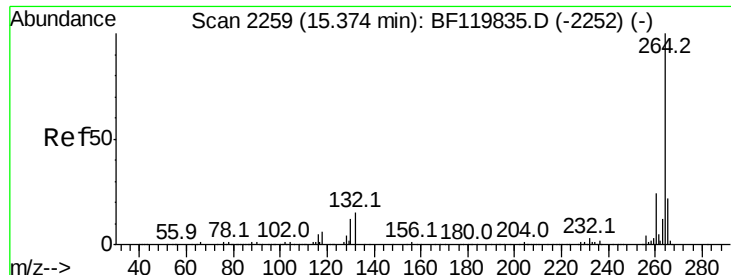


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.35 min Scan# 2255
 Delta R.T. -0.01 min
 Lab File: BF119895.D
 Acq: 10 Apr 2020 15:30

Instrument :
 BNA_N
 ClientSampleId :
 FIELD-BLANK

Tot Ion:264 Resp: 500141
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.3 28.9
 265 22.2 17.6 26.4

