

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042420\
 Data File : BF120207.D
 Acq On : 24 Apr 2020 17:31
 Operator : MA/SJ
 Sample : L2374-02
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1A

Quant Time: Apr 24 18:13:57 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 24 10:24:30 2020
 Response via : Initial Calibration

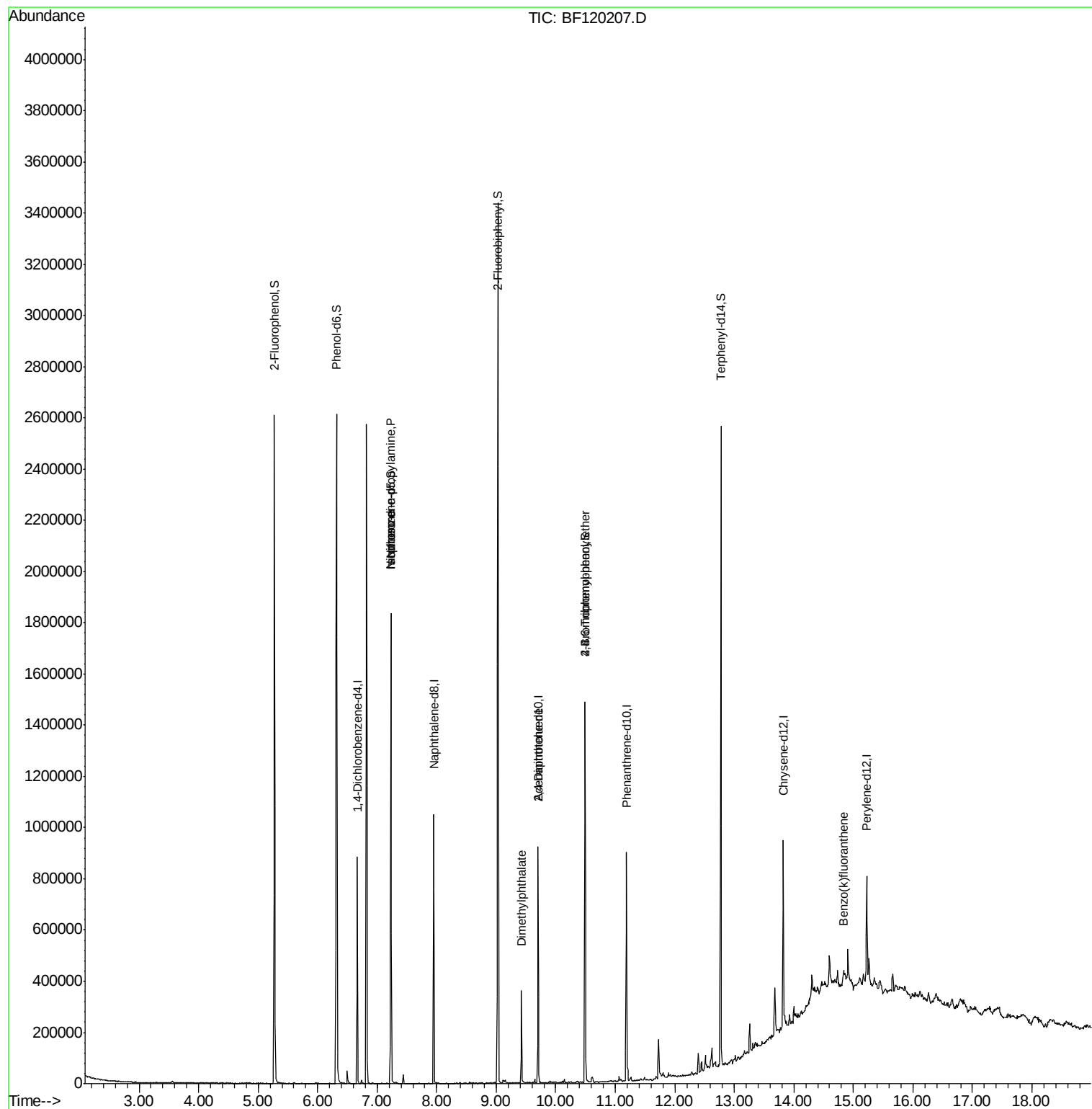
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	117363	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	417588	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	171701	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	305228	20.00	ng	0.00
76) Chrysene-d12	13.82	240	228406	20.00	ng	0.00
87) Perylene-d12	15.23	264	179200	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	672705	99.06	ng	0.00
7) Phenol-d6	6.32	99	879558	100.51	ng	0.00
23) Nitrobenzene-d5	7.23	82	524751	65.01	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	156986	74.68	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	998343	82.55	ng	0.00
79) Terphenyl-d14	12.77	244	841254	61.97	ng	0.00
Target Compounds						
9) Benzaldehyde	6.32	77	1132	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.23	70	68881	12.241 ng	#	1
25) Isophorone	7.23	82	520756	33.467 ng	#	75
50) Dimethylphthalate	9.43	163	142896	10.760 ng	#	65
57) 2,4-Dinitrotoluene	9.70	165	21320	5.564 ng	#	97
67) 4-Bromophenyl-phenylether	10.49	248	9630	2.537 ng	#	20
89) Benzo(k)fluoranthene	14.83	252	22279	2.003 ng	#	1
89) Benzo(k)fluoranthene	14.83	252	22279	2.003 ng	#	69

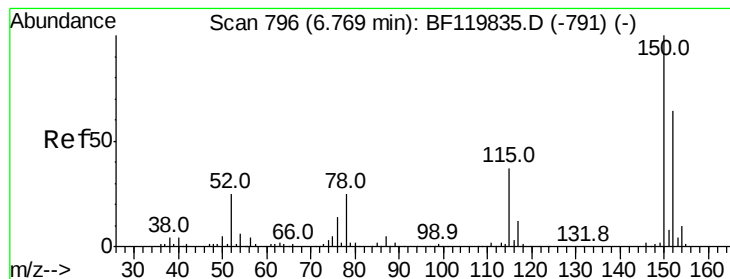
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042420\
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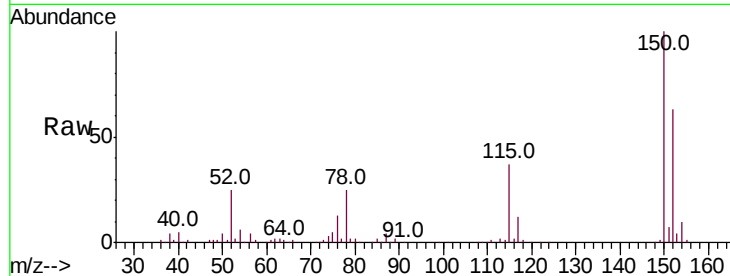


#1

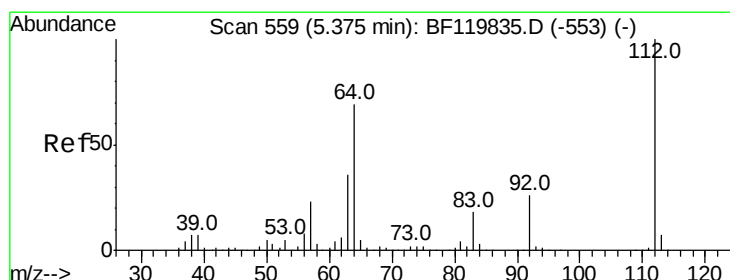
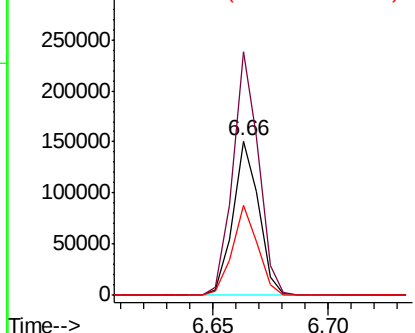
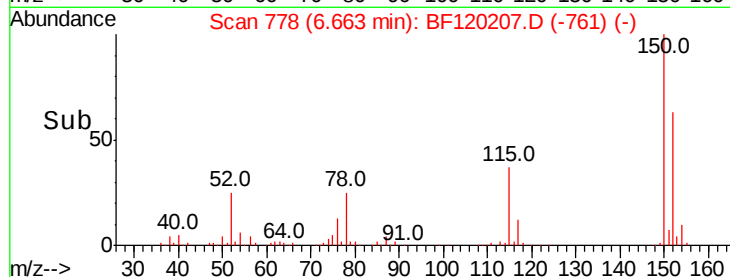
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF120207.D
 Acq: 24 Apr 2020 17:31

Instrument :
 BNA_F
 ClientSampleId :
 WC-1A

Tot Ion:152 Resp: 117363
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.5 186.7
 115 58.5 49.6 74.4



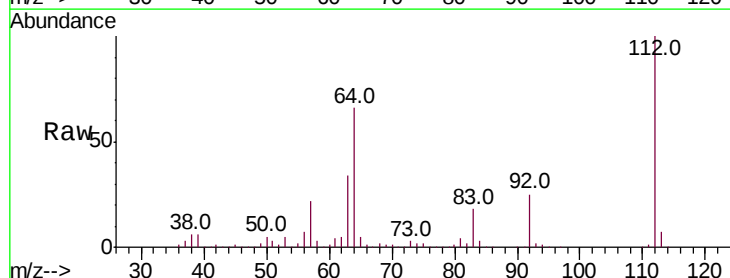
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



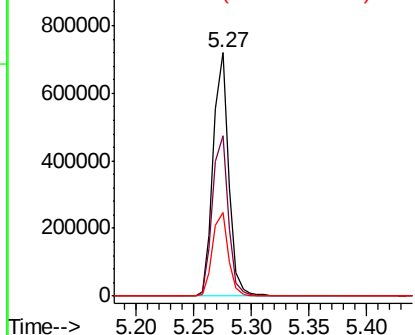
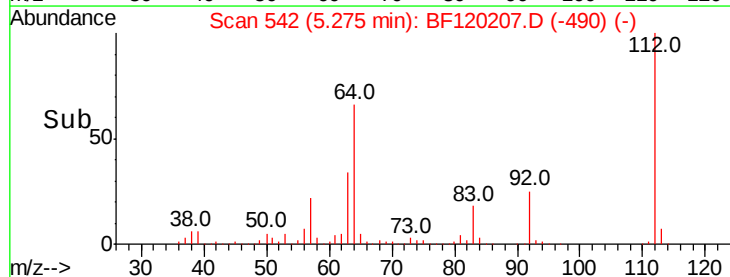
#5

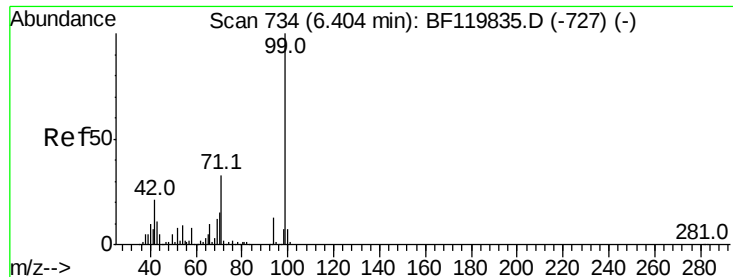
2-Fluorophenol
 Concen: 99.057 ng
 RT: 5.27 min Scan# 542
 Delta R.T. 0.01 min
 Lab File: BF120207.D
 Acq: 24 Apr 2020 17:31

Tgt Ion:112 Resp: 672705
 Ion Ratio Lower Upper
 112 100
 64 66.0 56.7 85.1
 63 34.4 29.5 44.3



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: 100.513 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF120207.D

Acq: 24 Apr 2020 17:31

Instrument :

BNA_F

ClientSampleId :

WC-1A

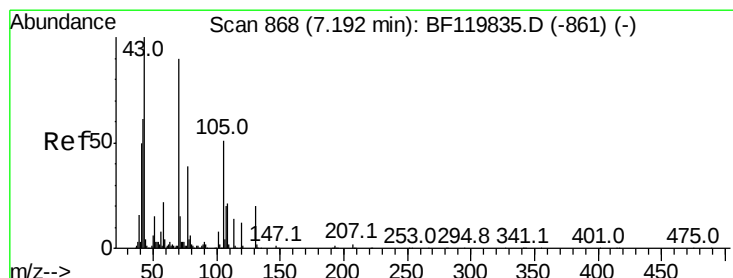
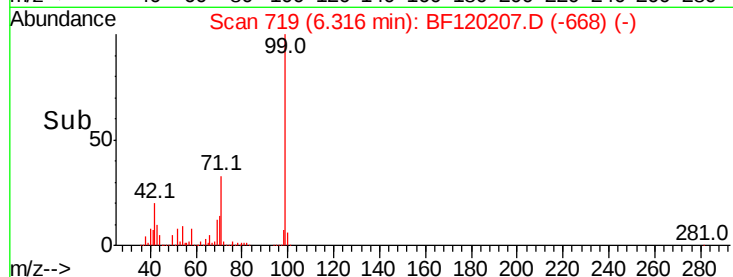
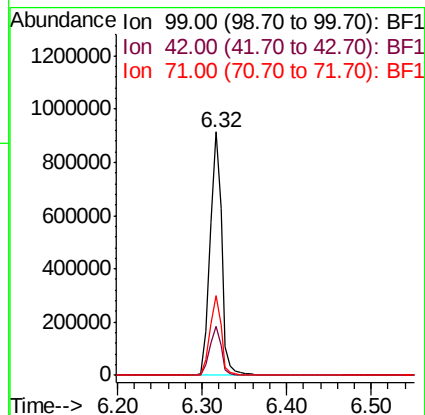
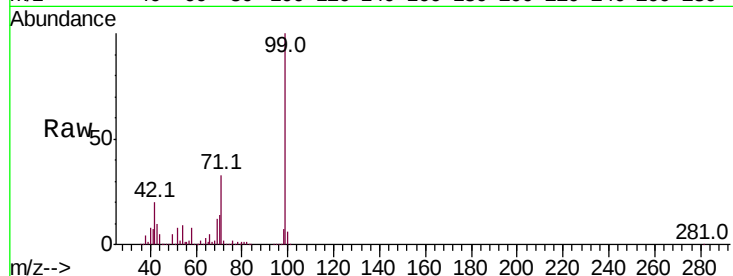
Tot Ion: 99 Resp: 879558

Ion Ratio Lower Upper

99 100

42 20.0 16.6 24.8

71 32.8 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 12.241 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.14 min

Lab File: BF120207.D

Acq: 24 Apr 2020 17:31

Tgt Ion: 70 Resp: 68881

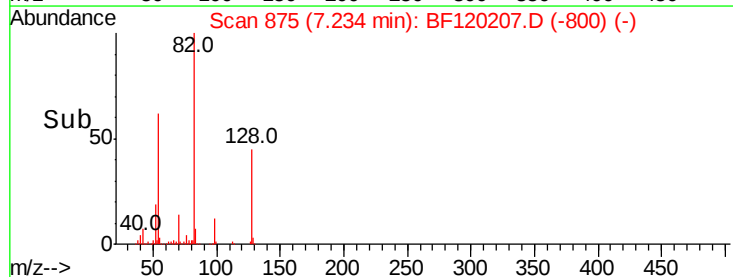
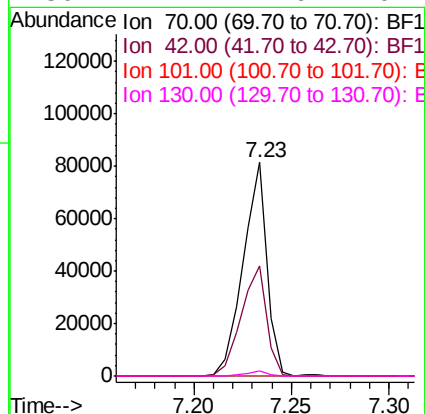
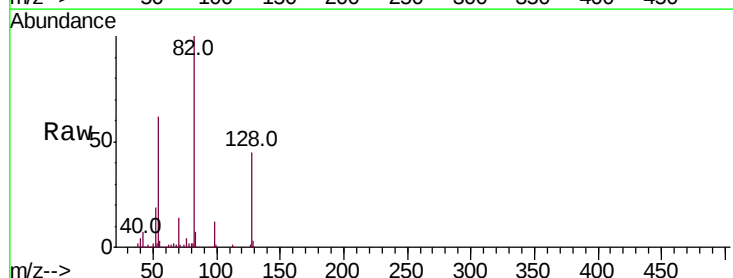
Ion Ratio Lower Upper

70 100

42 51.7 54.5 81.7#

101 0.0 7.6 11.4#

130 2.4 17.6 26.4#

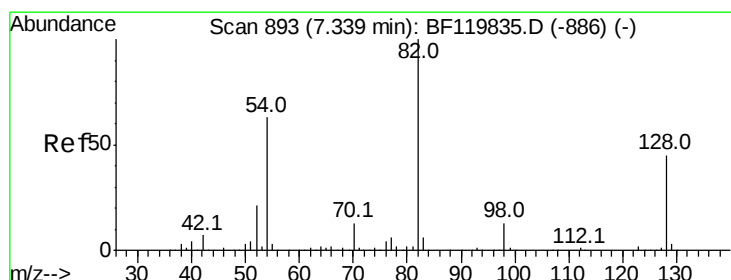
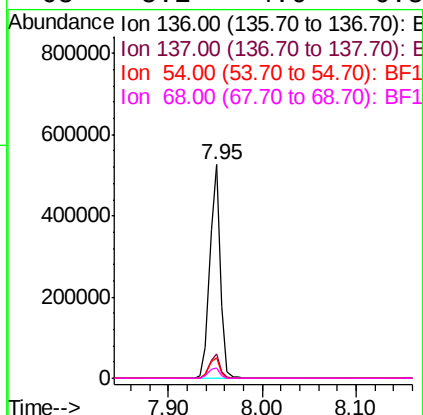
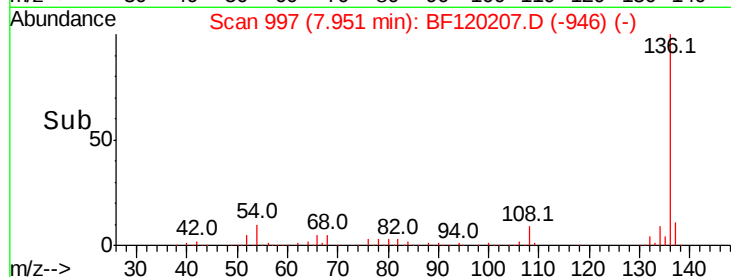
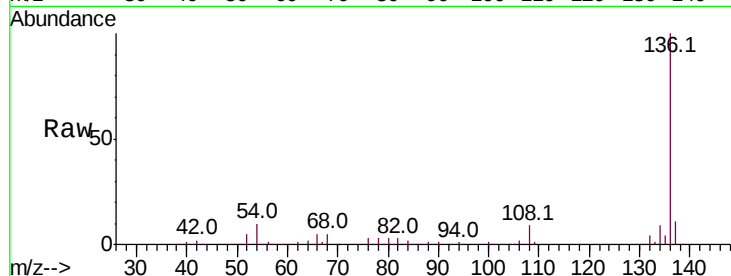




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF120207.D
Acq: 24 Apr 2020 17:31

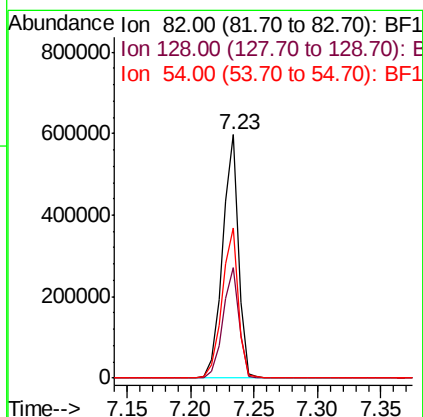
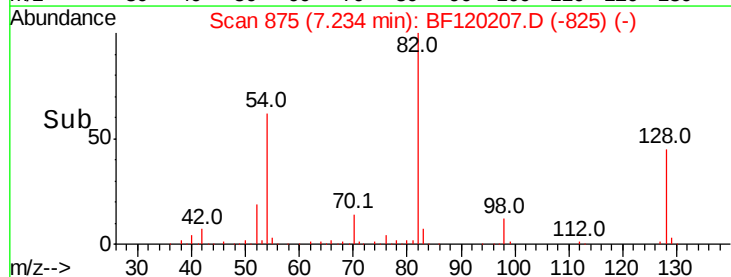
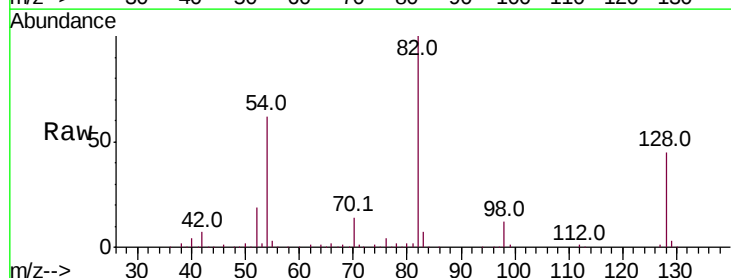
Instrument :
BNA_F
ClientSampleId :
WC-1A

Tot Ion:	136	Resp:	417588
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	9.7	9.1	13.7
68	5.1	4.6	6.8



#23
Nitrobenzene-d5
Concen: 65.010 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF120207.D
Acq: 24 Apr 2020 17:31

Tgt Ion:	82	Resp:	524751
Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.3	54.5
54	61.6	50.6	75.8





#25

Isophorone

Concen: 33.467 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.26 min

Lab File: BF120207.D

Acq: 24 Apr 2020 17:31

Instrument :

BNA_F

ClientSampleId :

WC-1A

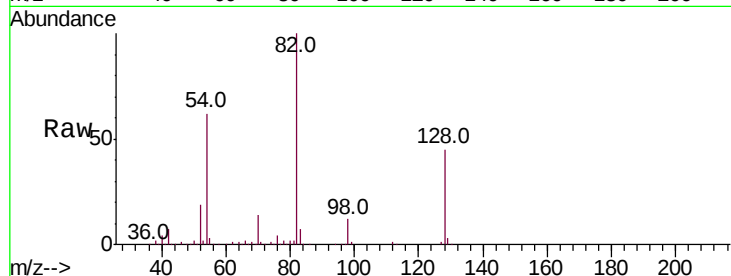
Tot Ion: 82 Resp: 520756

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

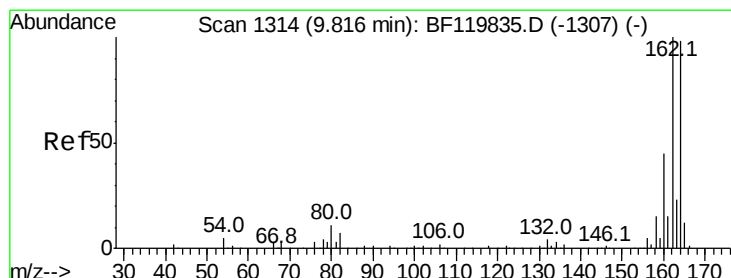
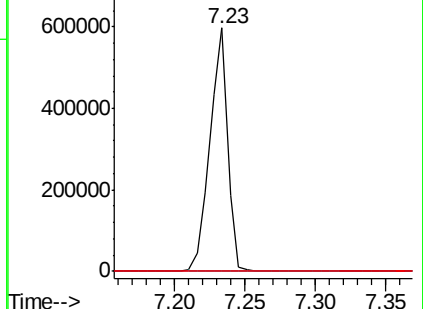
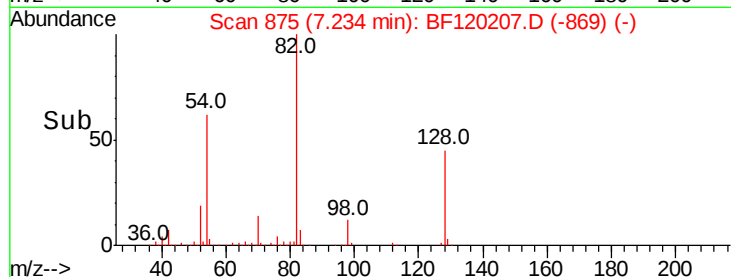
138 0.0 14.6 21.8#



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: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF120207.D

Acq: 24 Apr 2020 17:31

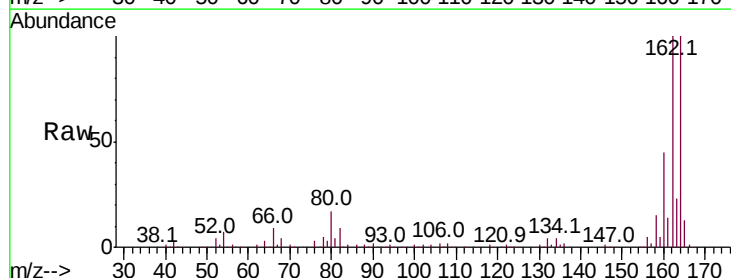
Tgt Ion:164 Resp: 171701

Ion Ratio Lower Upper

164 100

162 99.6 80.6 121.0

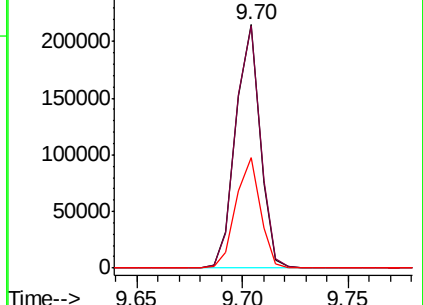
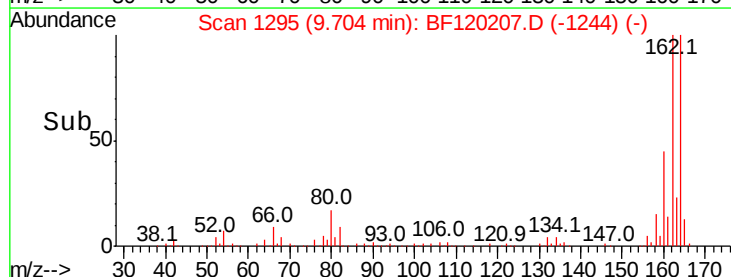
160 45.3 35.7 53.5

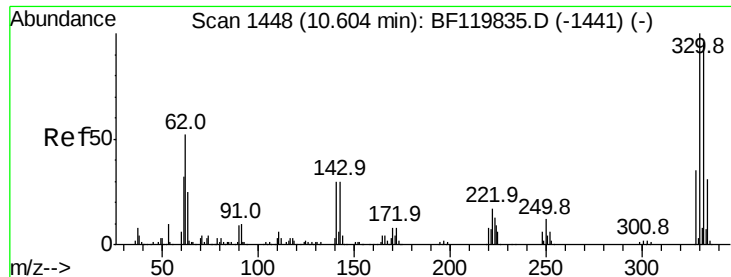


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

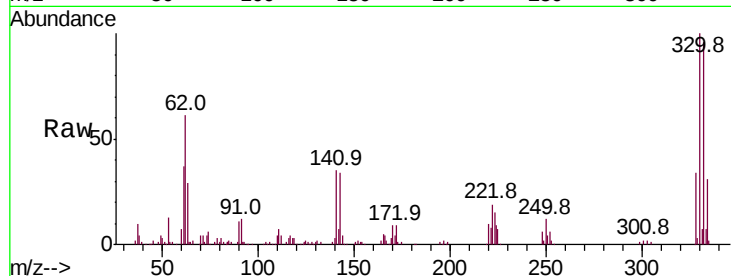




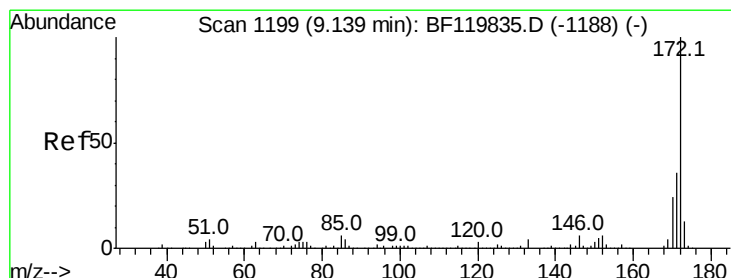
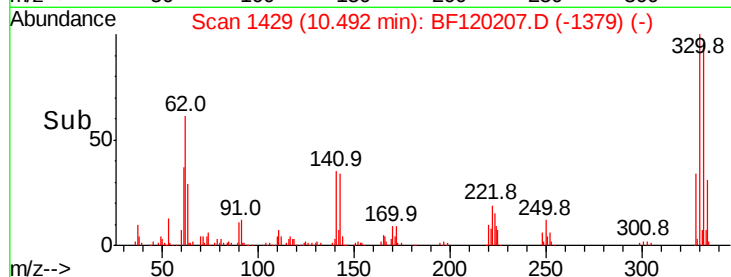
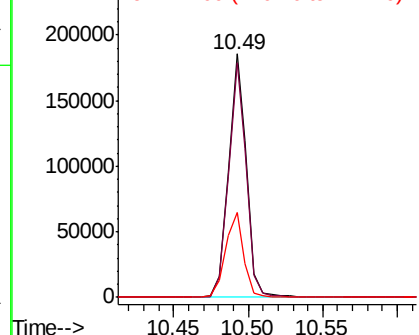
#42
 2,4,6-Tribromophenol
 Concen: 74.677 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF120207.D
 Acq: 24 Apr 2020 17:31

Instrument :
 BNA_F
 ClientSampled :
 WC-1A

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.7	113.5
141	35.1	25.4	38.0

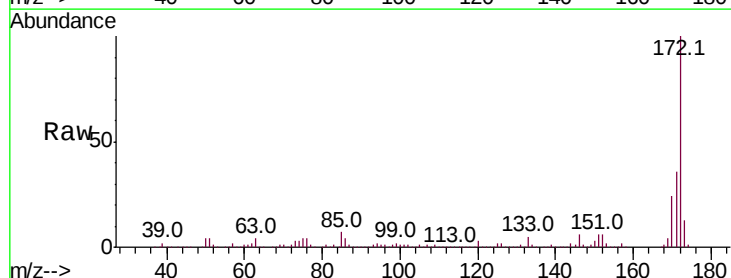


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

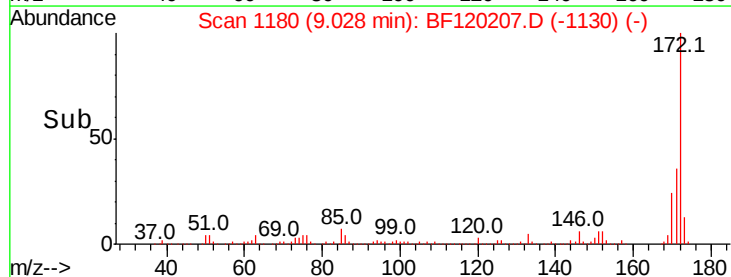
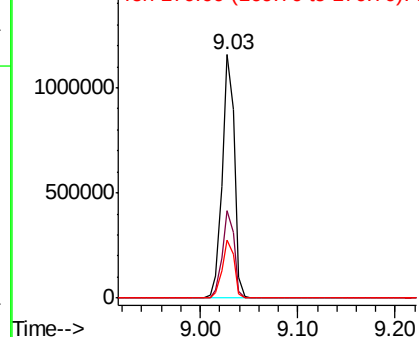


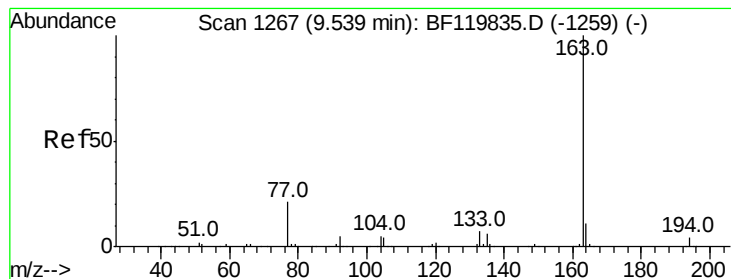
#45
 2-Fluorobiphenyl
 Concen: 82.552 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF120207.D
 Acq: 24 Apr 2020 17:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.7	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





#50

Dimethylphthalate

Concen: 10.760 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF120207.D

Acq: 24 Apr 2020 17:31

Instrument :

BNA_F

ClientSampleId :

WC-1A

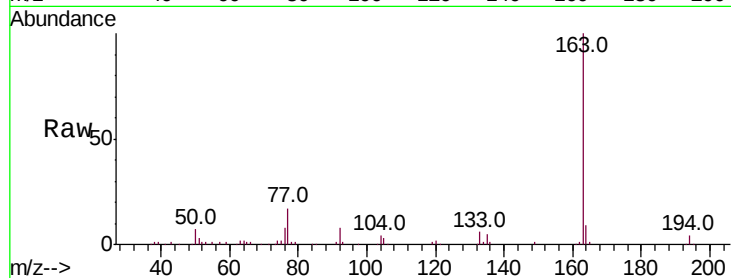
Tot Ion:163 Resp: 142896

Ion Ratio Lower Upper

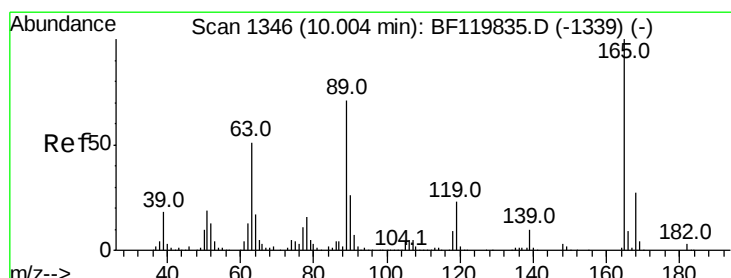
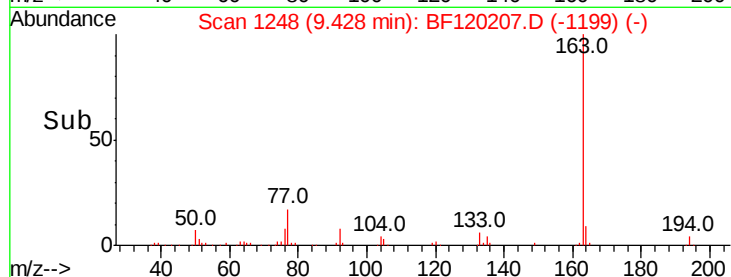
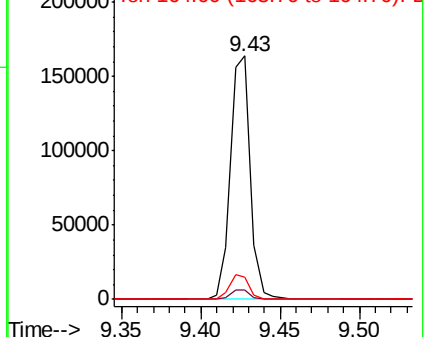
163 100

194 3.9 3.1 4.7

164 8.9 8.2 12.2



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: 5.564 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.20 min

Lab File: BF120207.D

Acq: 24 Apr 2020 17:31

Tgt Ion:165 Resp: 21320

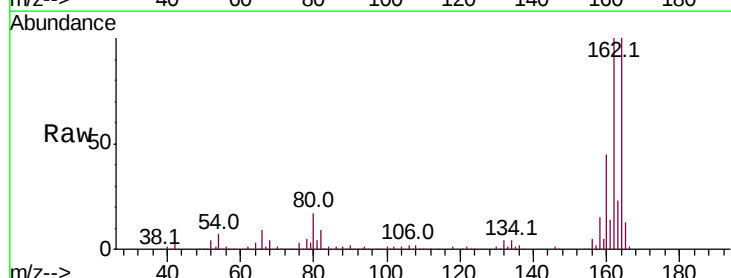
Ion Ratio Lower Upper

165 100

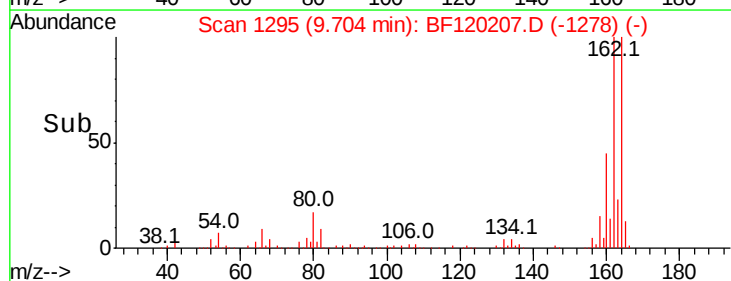
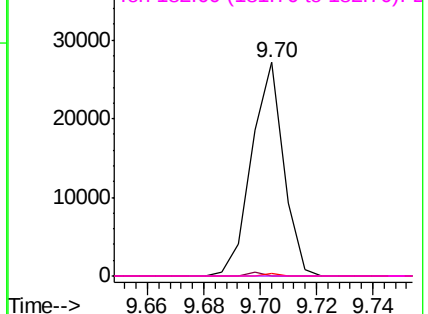
63 0.0 42.6 64.0#

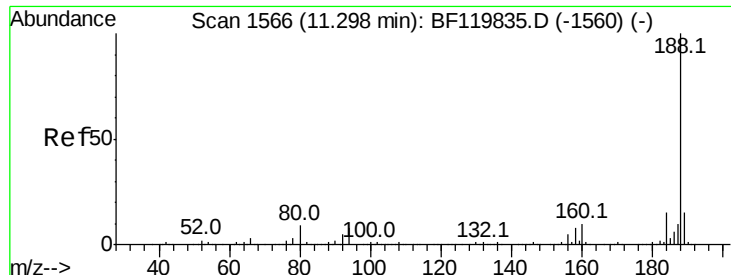
89 1.5 61.0 91.4#

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

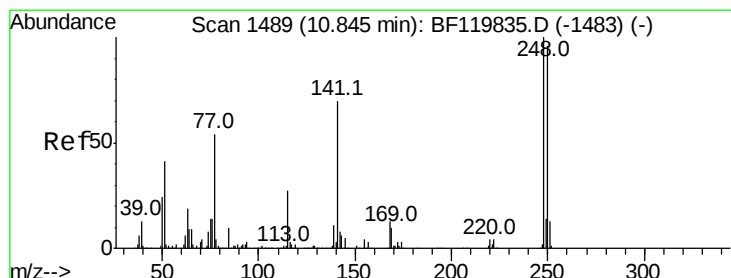
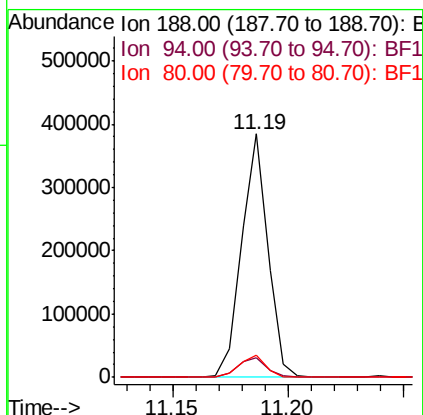
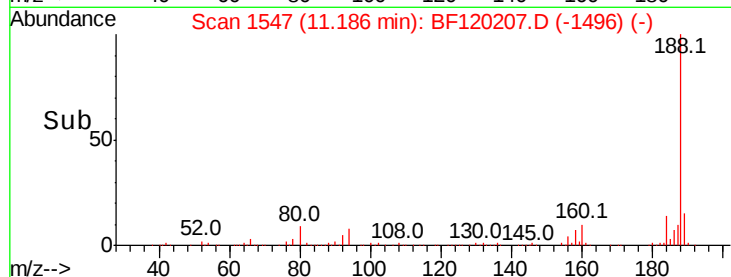
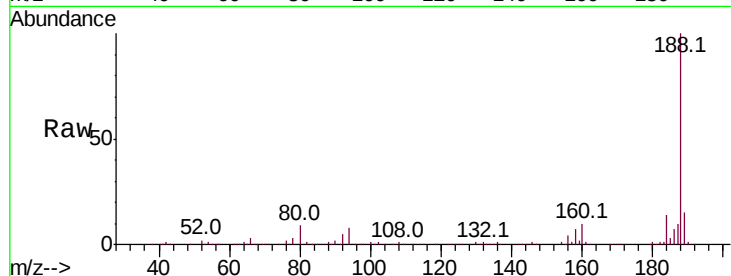




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BF120207.D
Acq: 24 Apr 2020 17:31

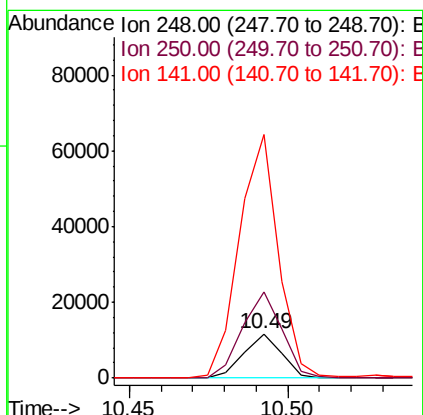
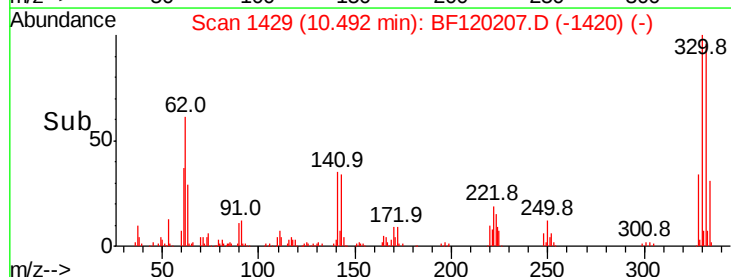
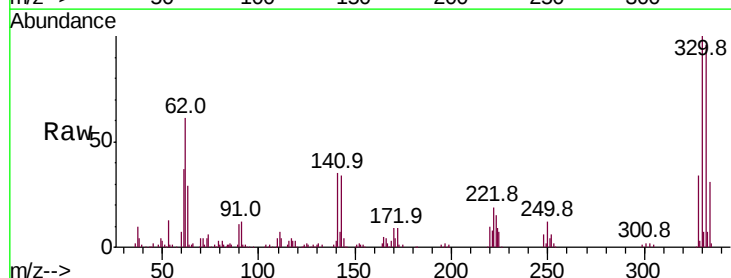
Instrument :
BNA_F
ClientSampleId :
WC-1A

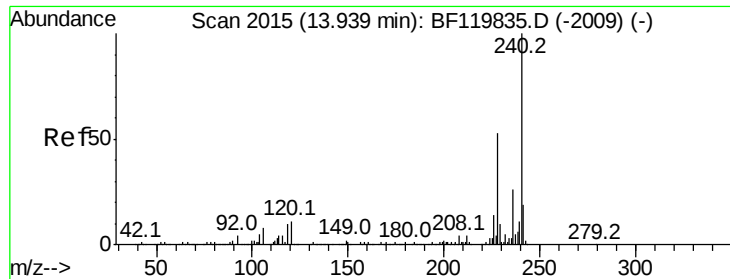
Tot Ion:188 Resp: 305228
Ion Ratio Lower Upper
188 100
94 8.2 7.5 11.3
80 8.9 9.0 13.4#



#67
4-Bromophenyl-phenylether
Concen: 2.537 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.25 min
Lab File: BF120207.D
Acq: 24 Apr 2020 17:31

Tgt Ion:248 Resp: 9630
Ion Ratio Lower Upper
248 100
250 193.0 77.3 115.9#
141 548.7 58.6 87.8#

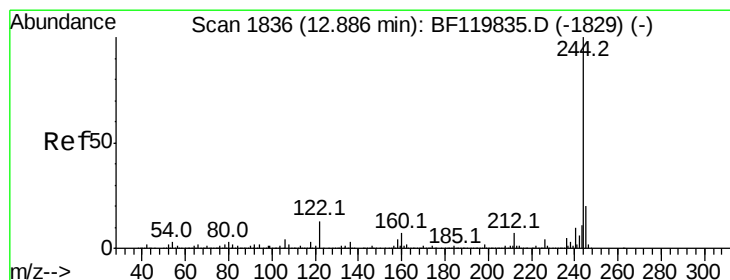
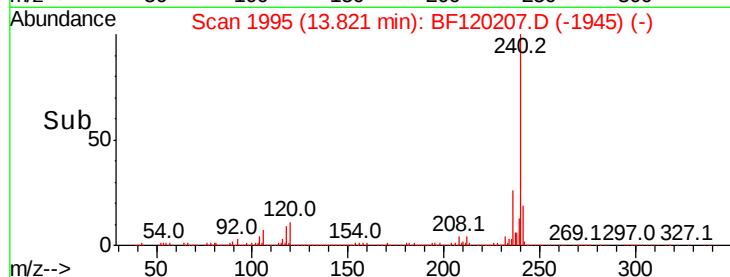
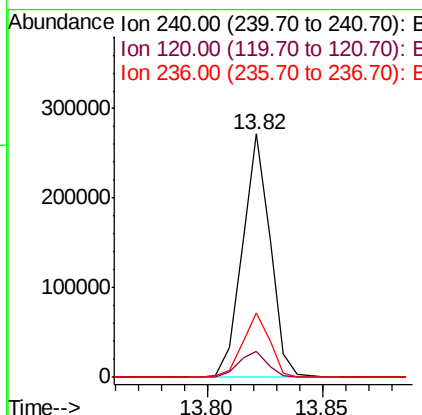
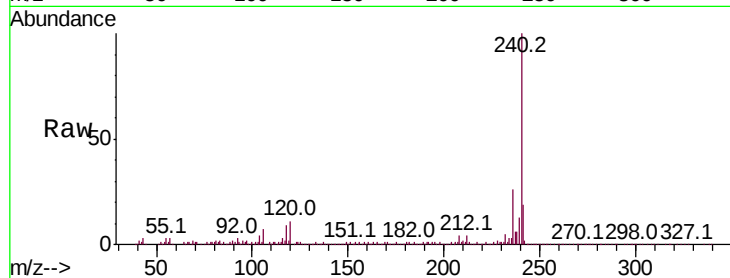




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BF120207.D
 Acq: 24 Apr 2020 17:31

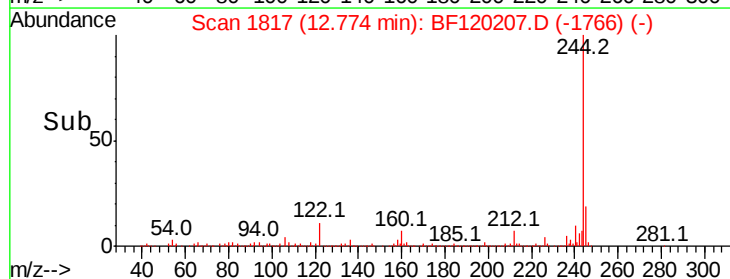
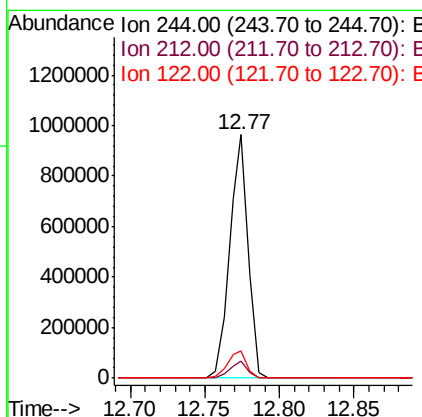
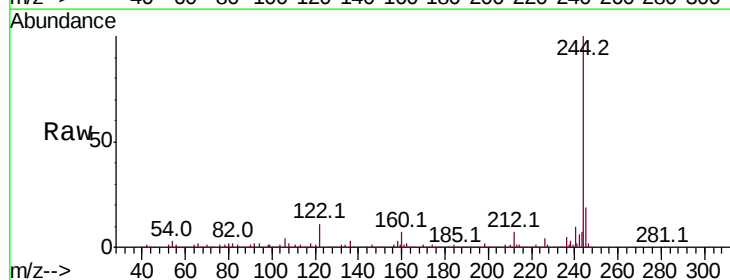
Instrument :
 BNA_F
 ClientSampleId :
 WC-1A

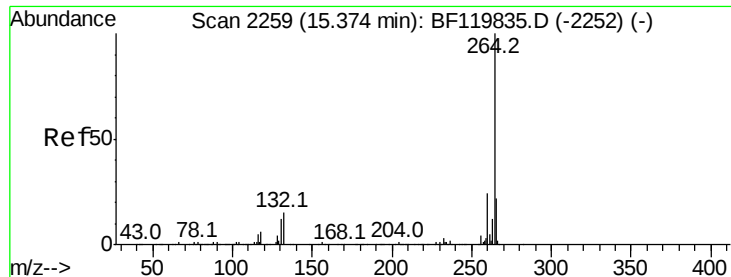
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	10.6	15.8
236	26.2	20.2	30.2



#79
 Terphenyl-d14
 Concen: 61.975 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: BF120207.D
 Acq: 24 Apr 2020 17:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	11.3	10.3	15.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2234

Delta R.T. 0.01 min

Lab File: BF120207.D

Acq: 24 Apr 2020 17:31

Instrument :

BNA_F

ClientSampleId :

WC-1A

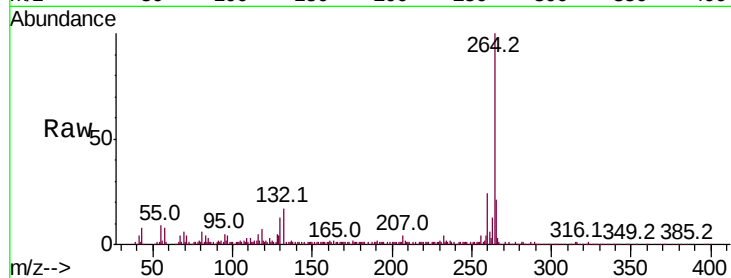
Tot Ion:264 Resp: 179200

Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

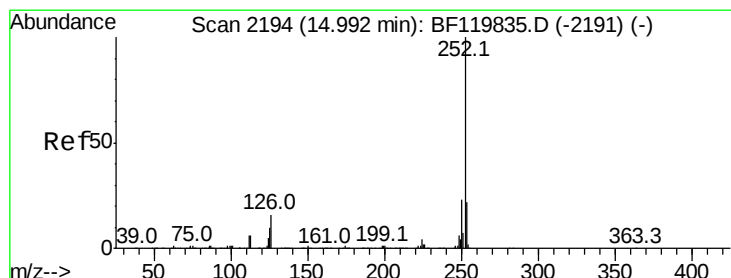
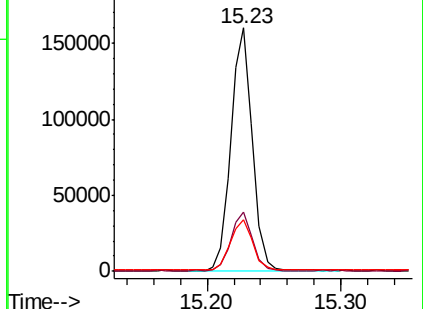
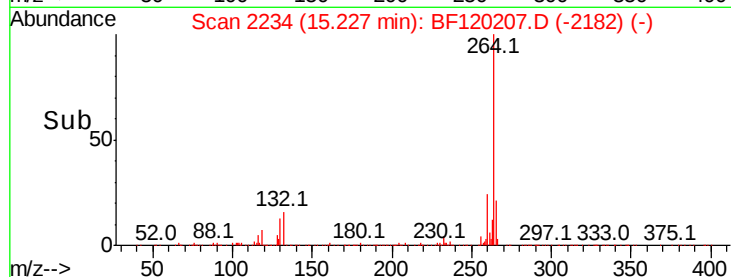
265 21.4 17.7 26.5



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



#89

Benzo(k)fluoranthene

Concen: 2.003 ng

RT: 14.83 min Scan# 2166

Delta R.T. -0.03 min

Lab File: BF120207.D

Acq: 24 Apr 2020 17:31

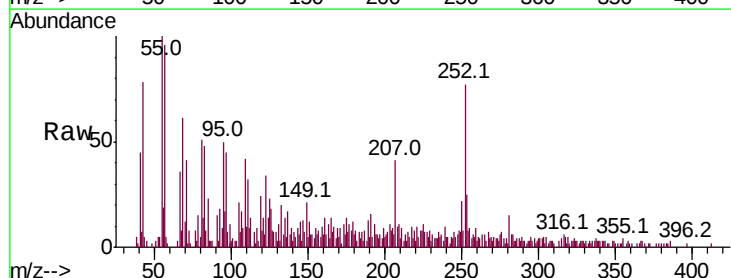
Tgt Ion:252 Resp: 22279

Ion Ratio Lower Upper

252 100

253 32.8 17.8 26.6#

125 29.5 8.4 12.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

