

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
 Data File : BF119368.D
 Acq On : 12 Mar 2020 2:07
 Operator : CG/JU
 Sample : L1874-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-5

Quant Time: Mar 12 08:00:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

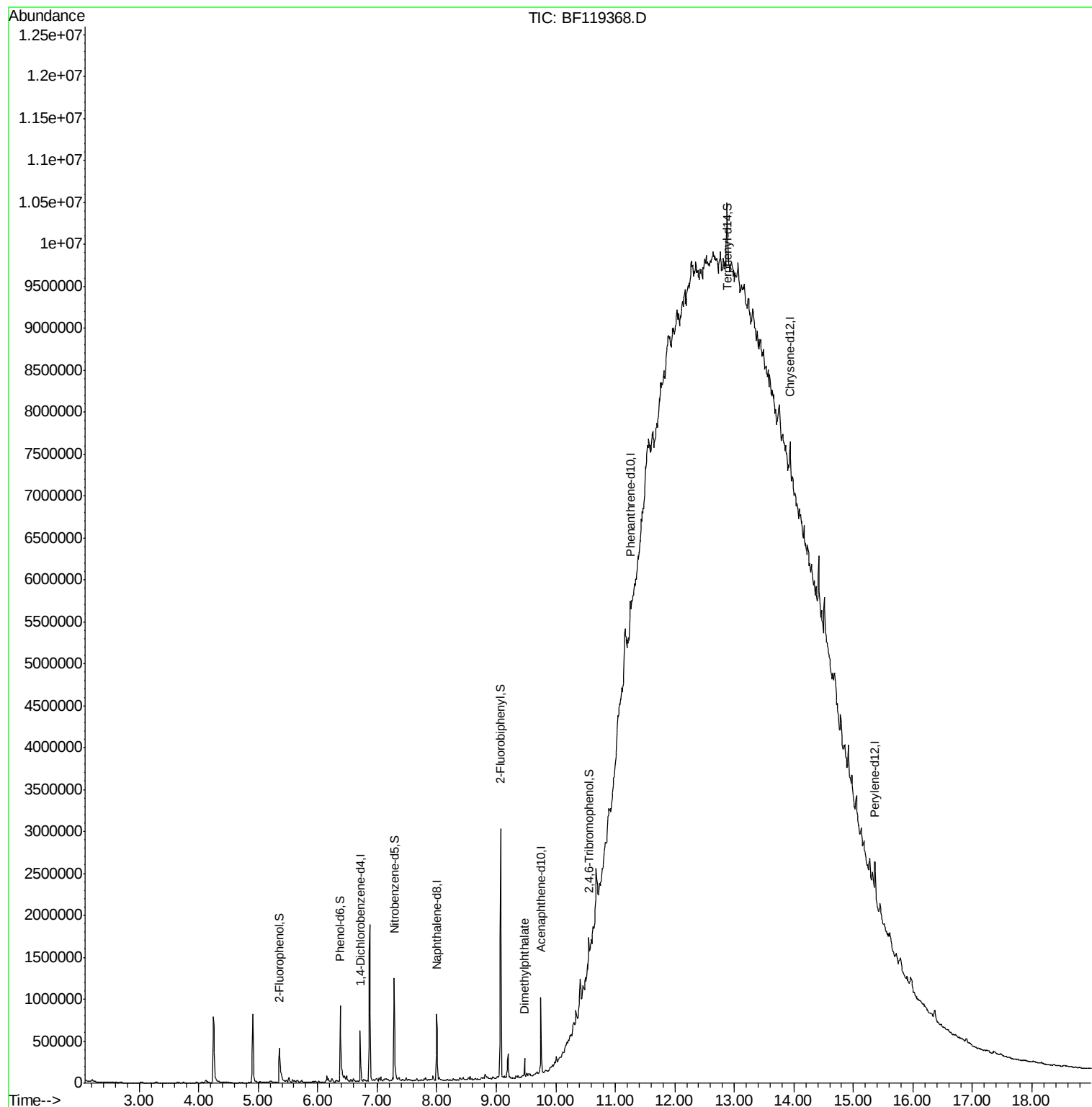
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	96134	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	365107	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	177390	20.00	ng	-0.01
64) Phenanthrene-d10	11.25	188	208029	20.00	ng	0.00
76) Chrysene-d12	13.94	240	174371	20.00	ng	0.05
87) Perylene-d12	15.36	264	206873	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	222150	38.62	ng	0.00
7) Phenol-d6	6.38	99	472714	67.57	ng	0.00
23) Nitrobenzene-d5	7.29	82	437726	63.30	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	46037	19.84	ng	0.00
45) 2-Fluorobiphenyl	9.07	172	890363	73.94	ng	-0.01
79) Terphenyl-d14	12.88	244	693040	68.43	ng	0.05
Target Compounds						
50) Dimethylphthalate	9.47	163	77171	5.689	ng	Qvalue 99

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

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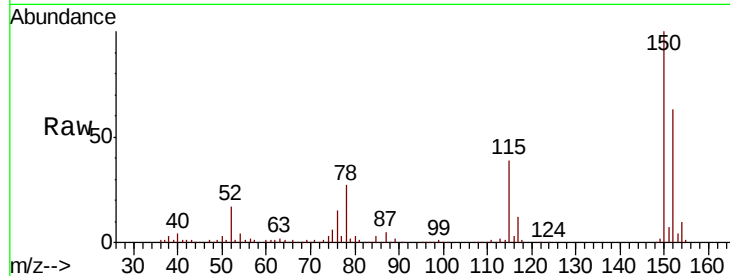


#1

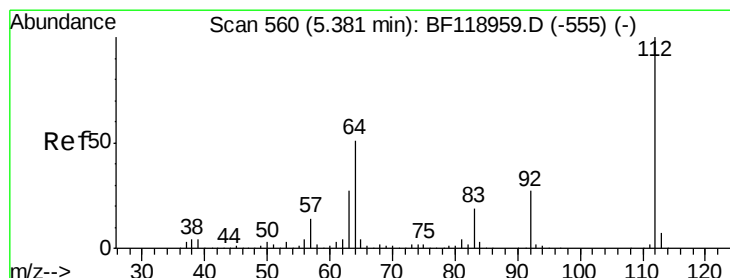
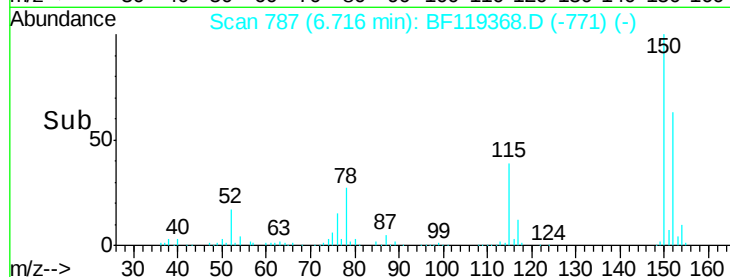
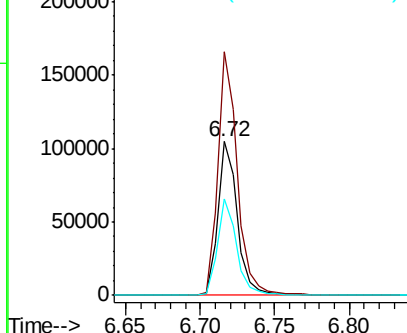
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF119368.D
Acq: 12 Mar 2020 2:07

Instrument :
BNA_F
ClientSampleId :
C-5

Tot Ion:152 Resp: 96134
Ion Ratio Lower Upper
152 100
150 158.4 123.0 184.6
115 62.4 49.5 74.3



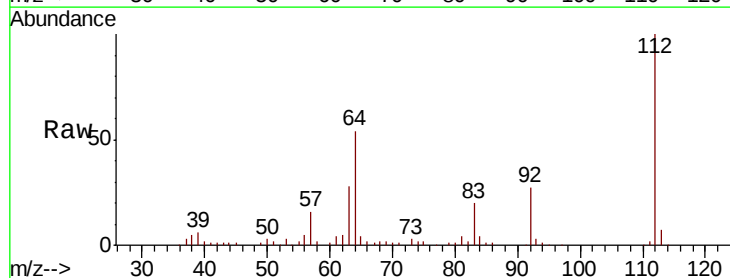
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



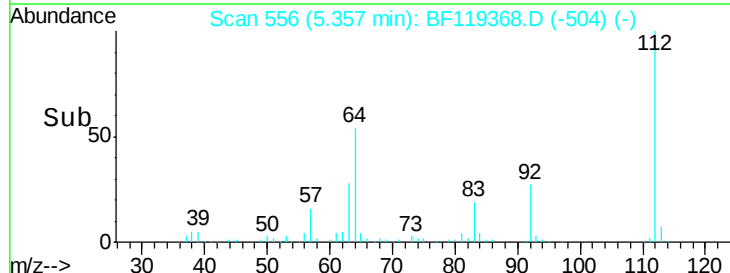
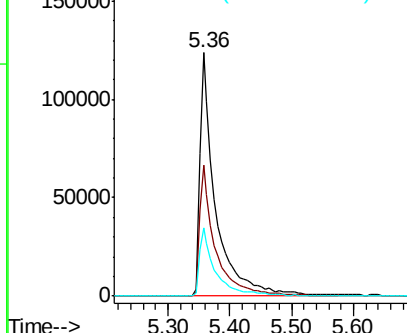
#5

2-Fluorophenol
Concen: 38.618 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF119368.D
Acq: 12 Mar 2020 2:07

Tgt Ion:112 Resp: 222150
Ion Ratio Lower Upper
112 100
64 53.9 45.0 67.4
63 28.0 24.2 36.4



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: 67.569 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119368.D

Acq: 12 Mar 2020 2:07

Instrument :

BNA_F

ClientSampleId :

C-5

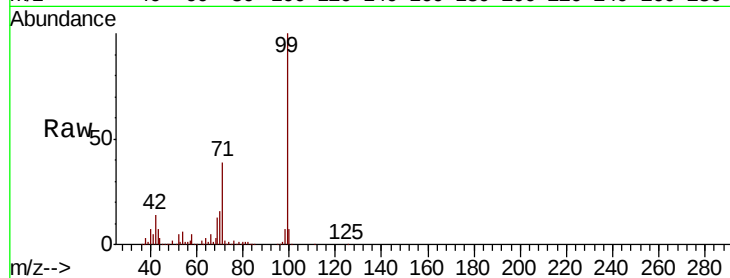
Tot Ion: 99 Resp: 472714

Ion Ratio Lower Upper

99 100

42 14.4 12.6 18.8

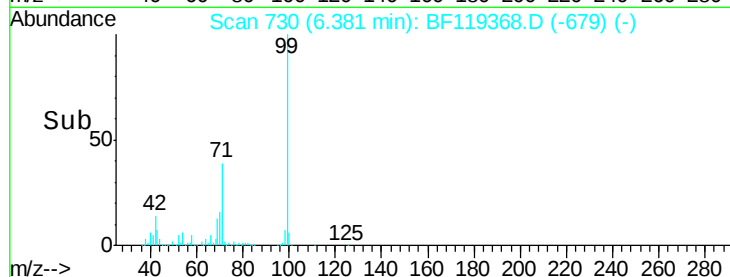
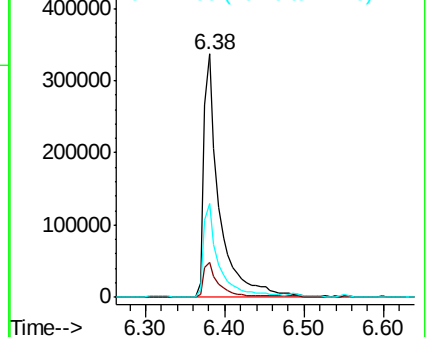
71 38.8 31.0 46.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF119368.D

Acq: 12 Mar 2020 2:07

Tgt Ion: 136 Resp: 365107

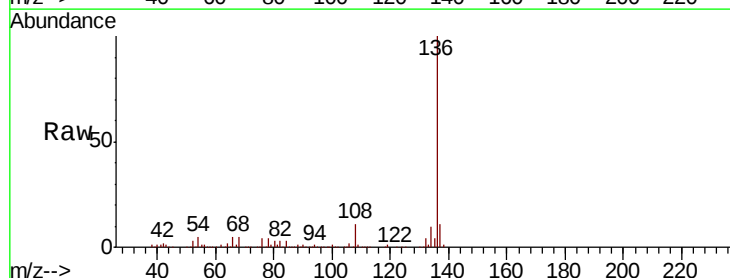
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 5.4 3.8 5.6

68 5.3 3.9 5.9

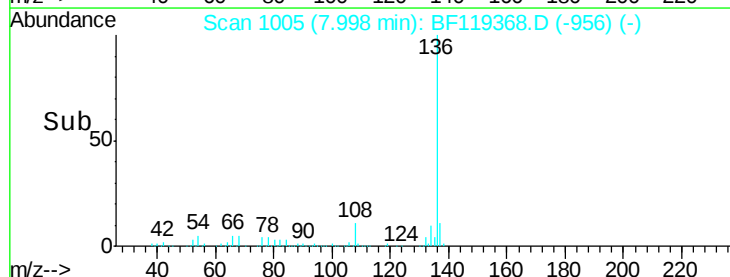
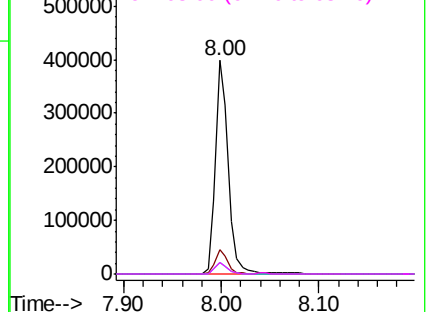


Abundance Ion 136.00 (135.70 to 136.70): E

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

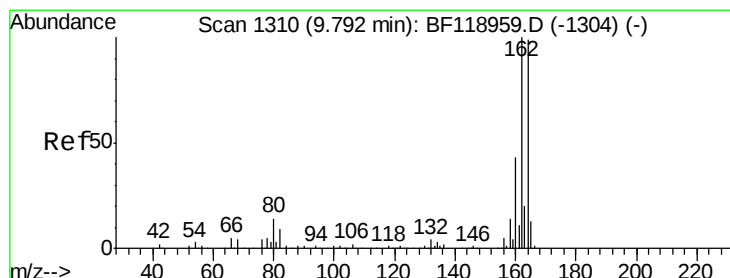
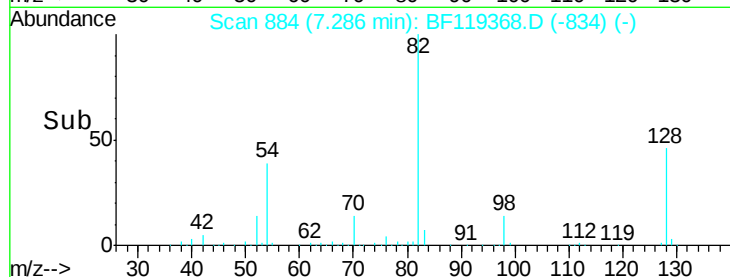
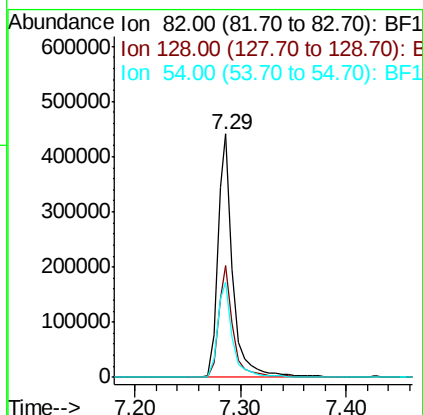
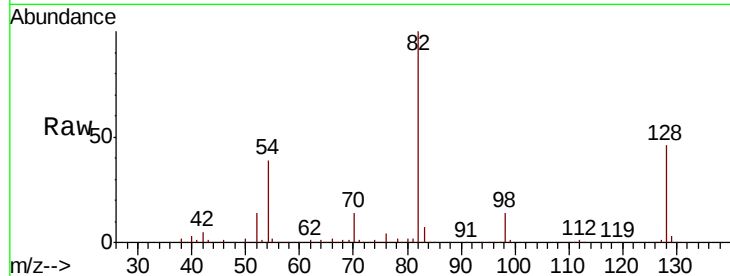




#23
Nitrobenzene-d5
Concen: 63.302 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF119368.D
Acq: 12 Mar 2020 2:07

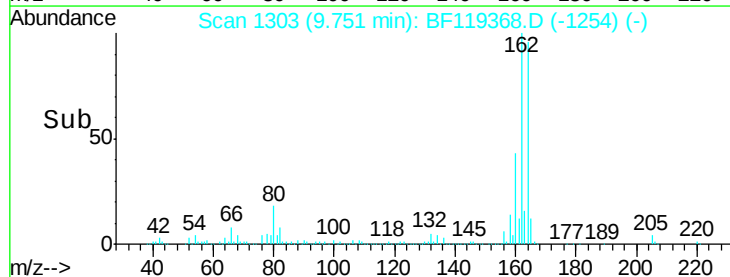
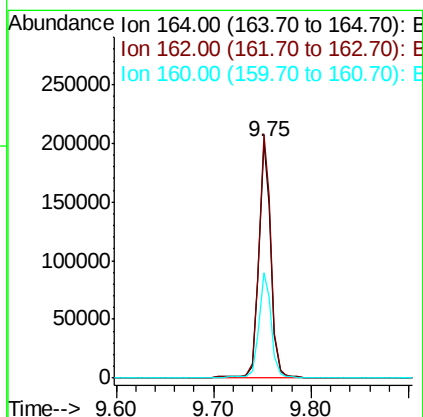
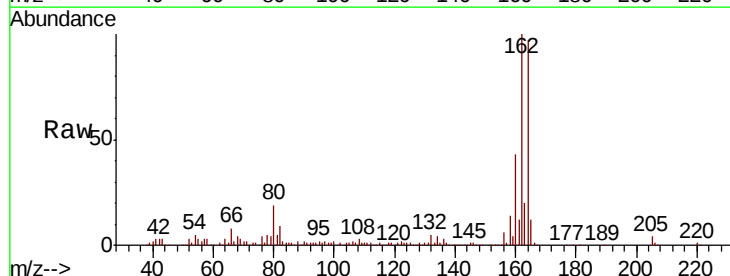
Instrument :
BNA_F
ClientSampled :
C-5

Tot Ion: 82 Resp: 437726
Ion Ratio Lower Upper
82 100
128 46.0 37.9 56.9
54 39.3 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF119368.D
Acq: 12 Mar 2020 2:07

Tgt Ion: 164 Resp: 177390
Ion Ratio Lower Upper
164 100
162 103.2 81.8 122.8
160 44.8 36.0 54.0

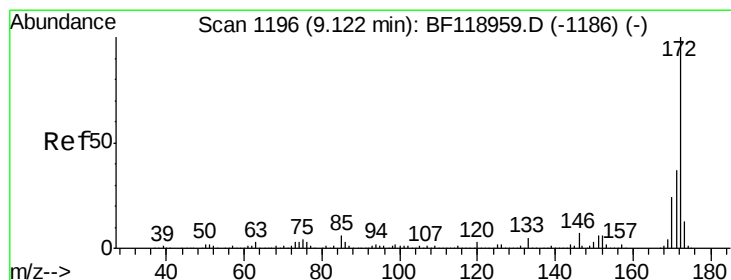
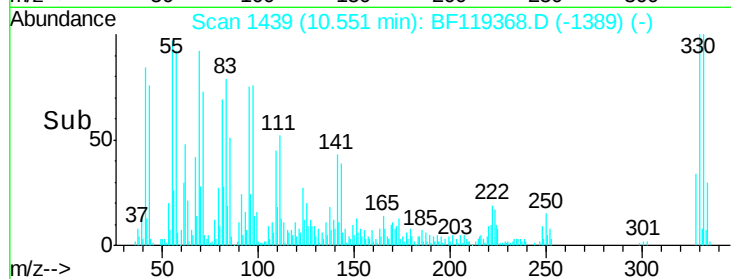
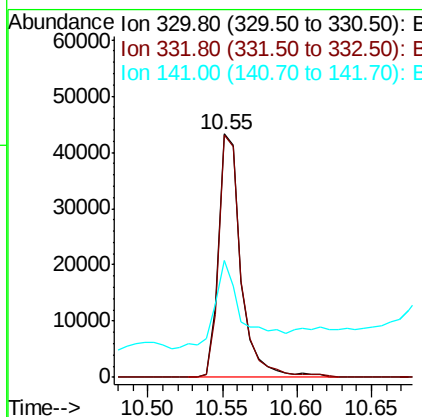
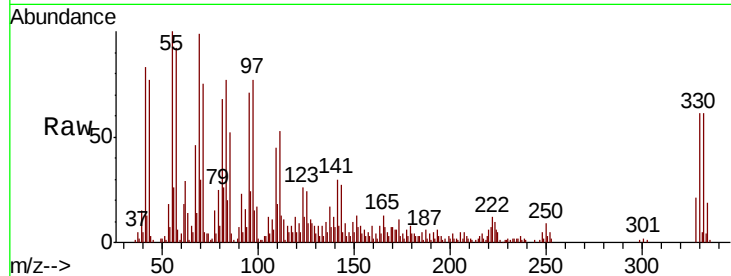




#42
 2,4,6-Tribromophenol
 Concen: 19.839 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF119368.D
 Acq: 12 Mar 2020 2:07

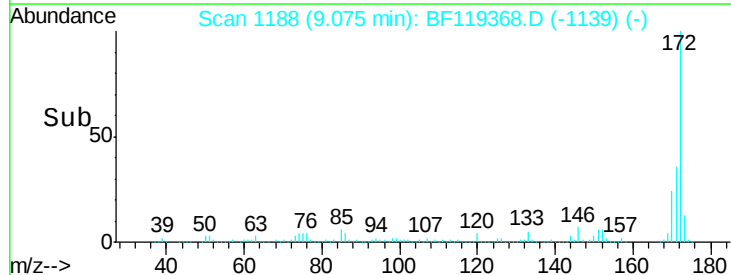
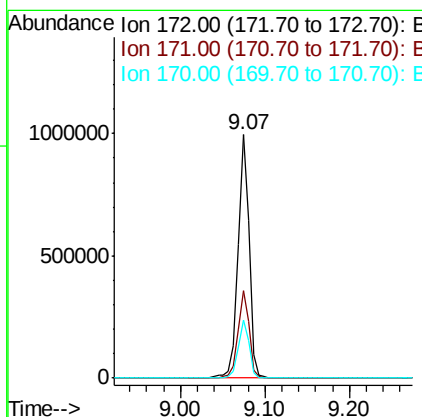
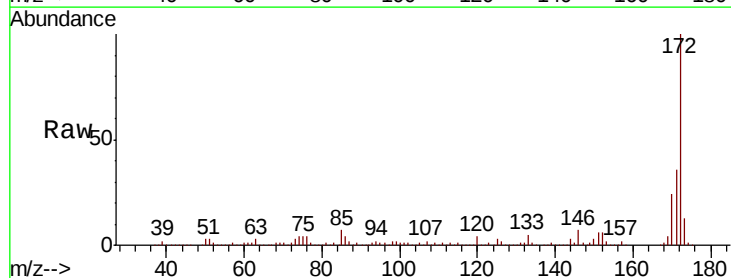
Instrument :
 BNA_F
 ClientSampleId :
 C-5

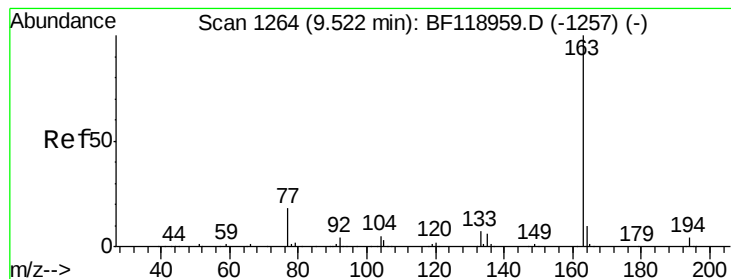
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.2	76.0	114.0
141	44.3	22.9	34.3#



#45
 2-Fluorobiphenyl
 Concen: 73.942 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF119368.D
 Acq: 12 Mar 2020 2:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.6	45.8
170	24.0	20.2	30.2





#50

Dimethylphthalate

Concen: 5.689 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF119368.D

Acq: 12 Mar 2020 2:07

Instrument :

BNA_F

ClientSampleId :

C-5

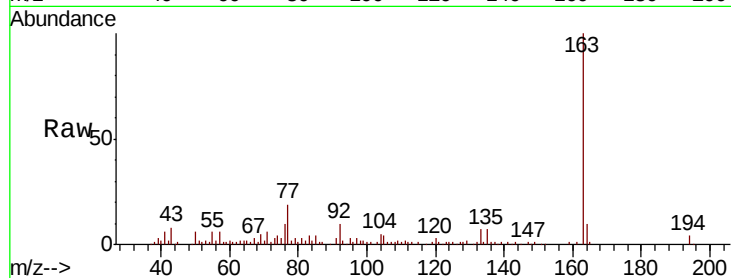
Tot Ion:163 Resp: 77171

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

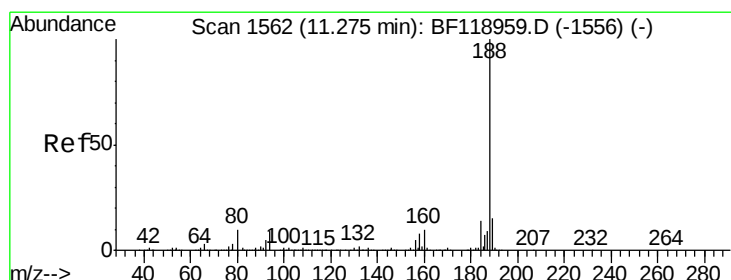
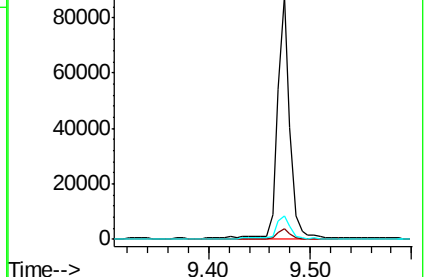
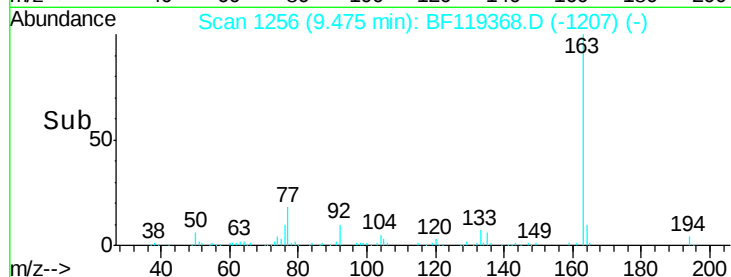
164 9.8 8.4 12.6



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF119368.D

Acq: 12 Mar 2020 2:07

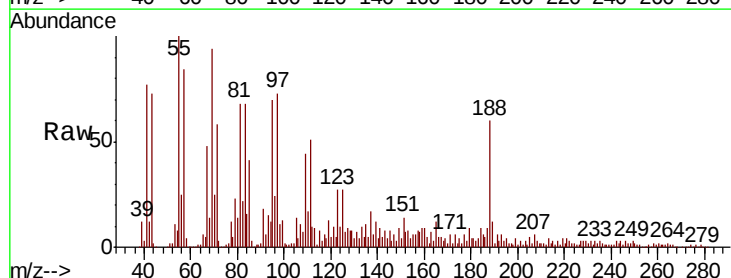
Tgt Ion:188 Resp: 208029

Ion Ratio Lower Upper

188 100

94 20.9 7.1 10.7#

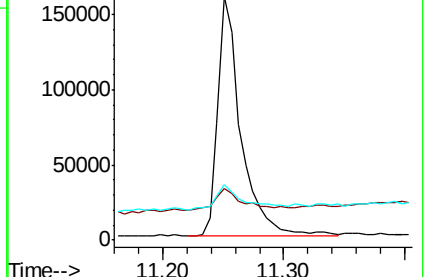
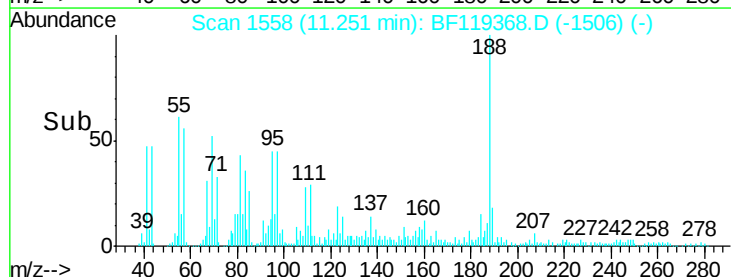
80 22.8 7.8 11.8#

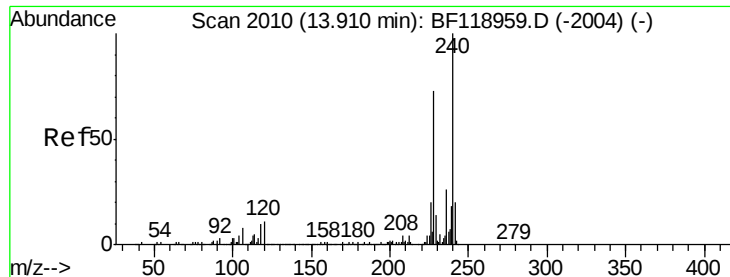


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

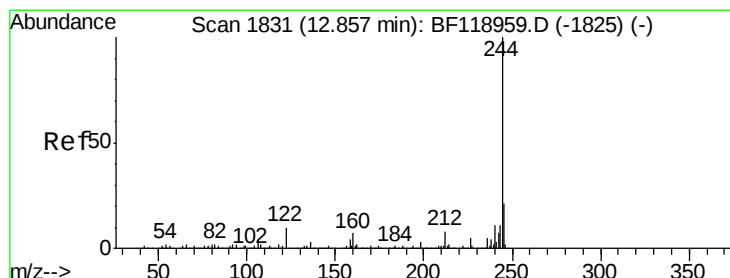
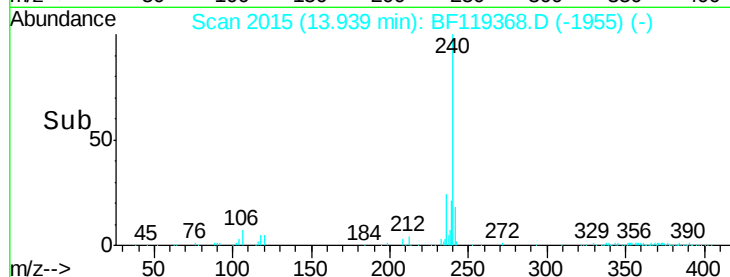
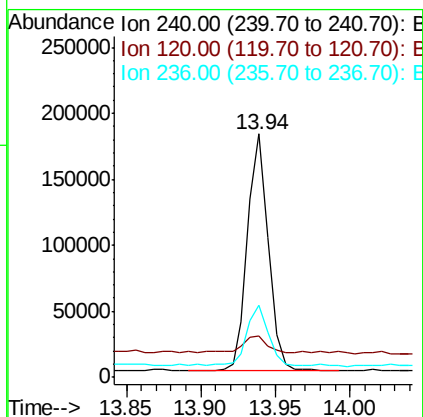
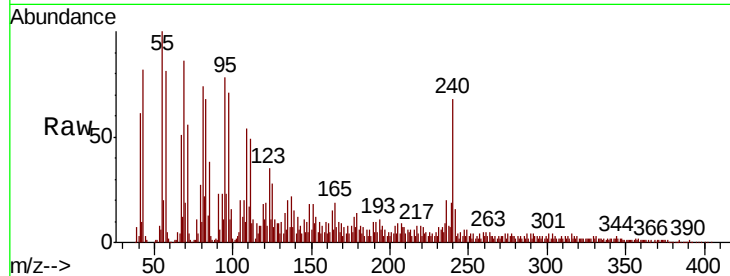




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.05 min
 Lab File: BF119368.D
 Acq: 12 Mar 2020 2:07

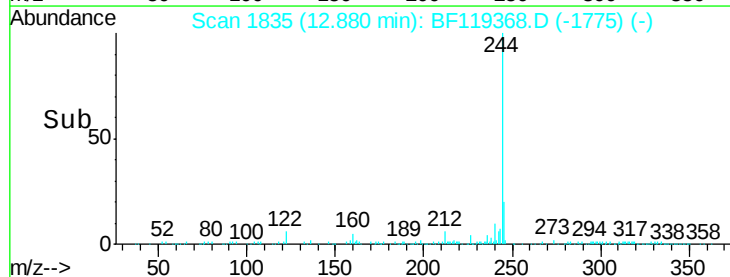
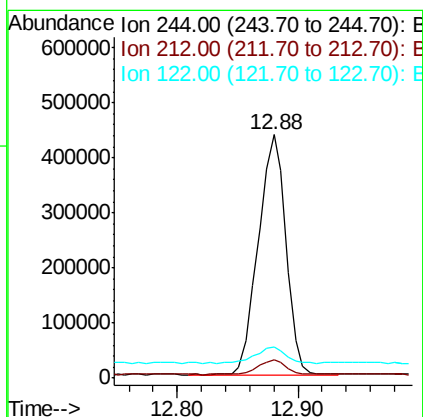
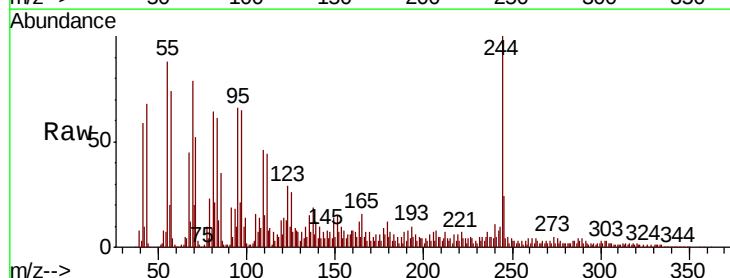
Instrument :
 BNA_F
 ClientSampleId :
 C-5

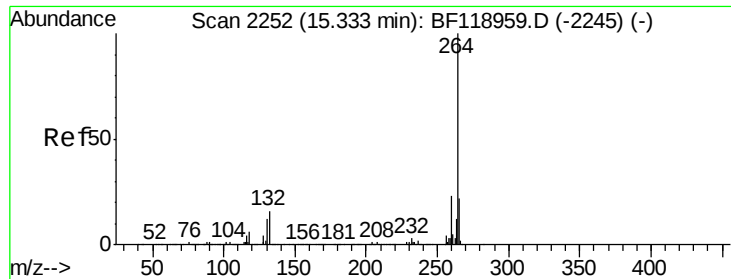
Tot Ion:240 Resp: 174371
 Ion Ratio Lower Upper
 240 100
 120 16.9 8.4 12.6#
 236 29.6 21.0 31.4



#79
 Terphenyl-d14
 Concen: 68.428 ng
 RT: 12.88 min Scan# 1835
 Delta R.T. 0.05 min
 Lab File: BF119368.D
 Acq: 12 Mar 2020 2:07

Tgt Ion:244 Resp: 693040
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.6 10.0
 122 12.7 8.2 12.2#

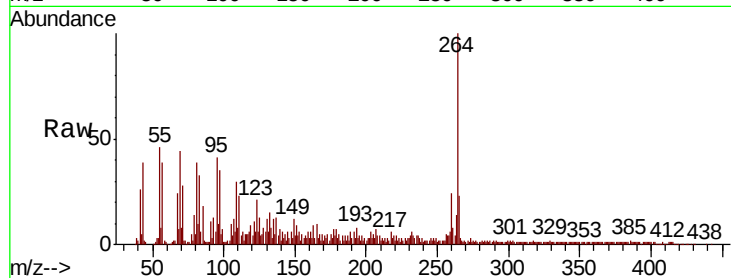




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2257
 Delta R.T. 0.05 min
 Lab File: BF119368.D
 Acq: 12 Mar 2020 2:07

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	23.3	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

