

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061920\
 Data File : BF120661.D
 Acq On : 19 Jun 2020 14:02
 Operator : JU/CG
 Sample : L3055-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FAIRMOUNT-REAR

Quant Time: Jun 19 14:37:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

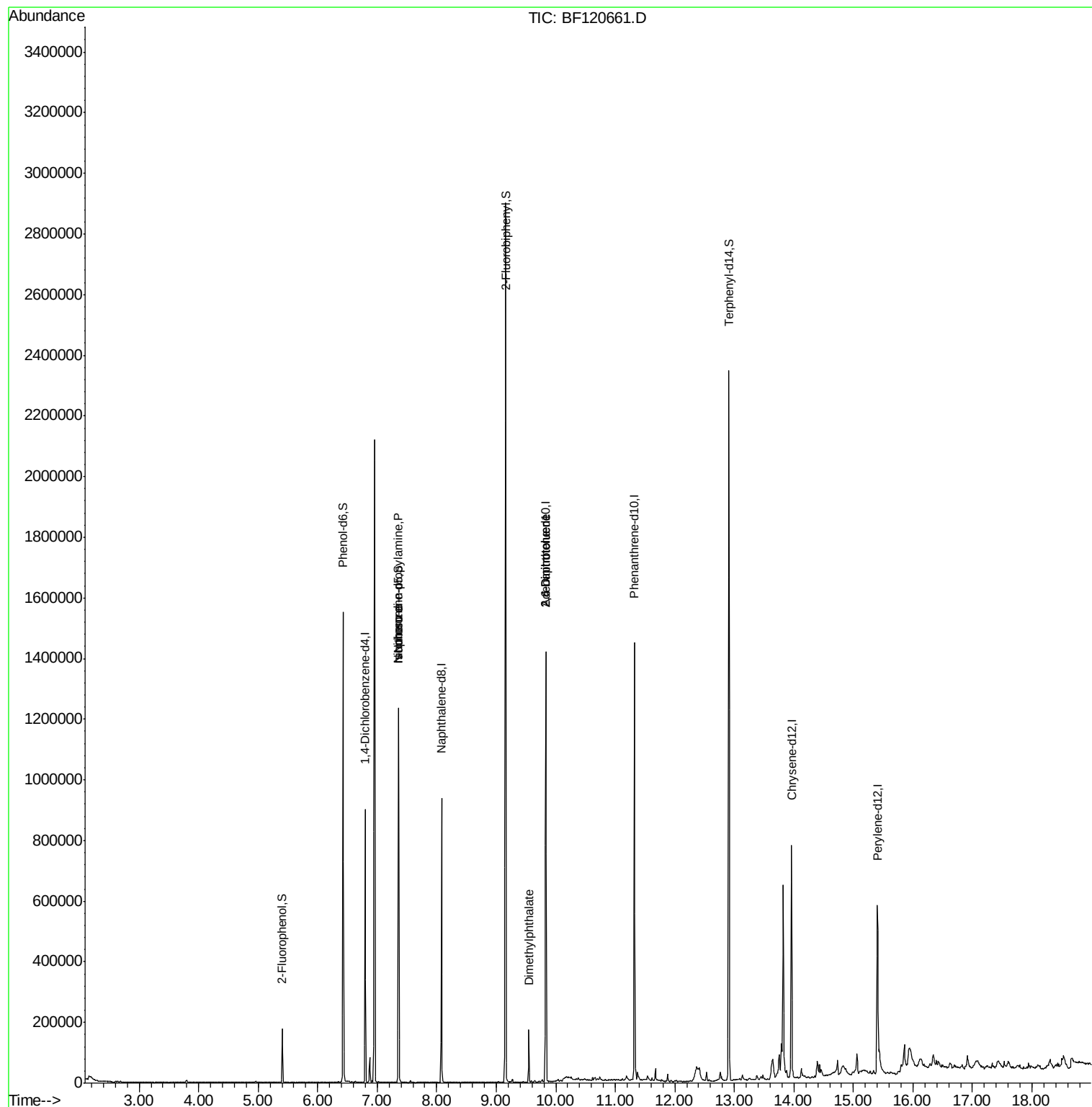
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	126387	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	383262	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	262661	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	521898	20.00	ng	0.00
76) Chrysene-d12	13.96	240	259434	20.00	ng	0.00
86) Perylene-d12	15.40	264	261884	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	48673	6.60	ng	-0.01
7) Phenol-d6	6.43	99	464321	50.57	ng	-0.01
23) Nitrobenzene-d5	7.36	82	419952	61.25	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	1591	0.52	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	903179	52.61	ng	0.00
79) Terphenyl-d14	12.91	244	851334	72.48	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	55184	10.361	ng	# 76
25) Isophorone	7.36	82	419943	31.441	ng	# 62
50) Dimethylphthalate	9.55	163	71261	3.767	ng	97
51) 2,6-Dinitrotoluene	9.83	165	33386	7.788	ng	# 27
57) 2,4-Dinitrotoluene	9.83	165	33386	5.869	ng	# 29

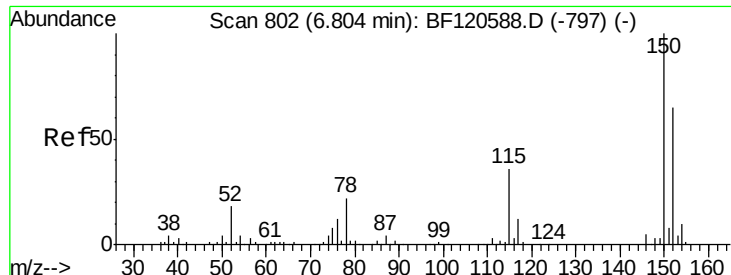
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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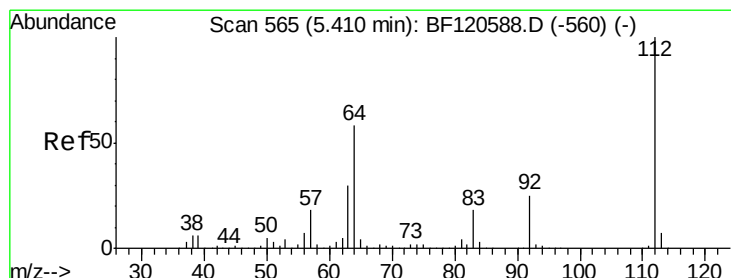
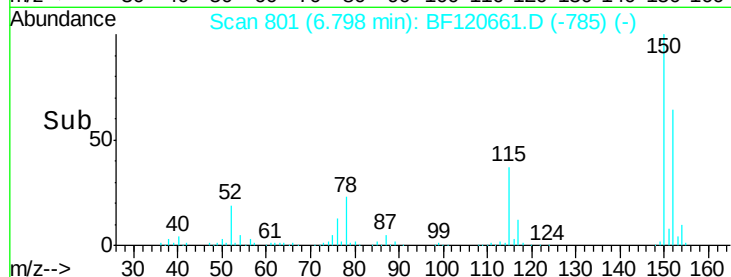
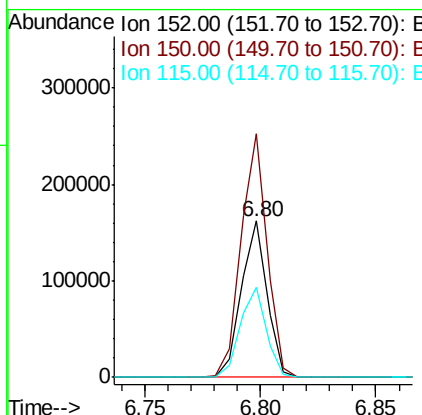
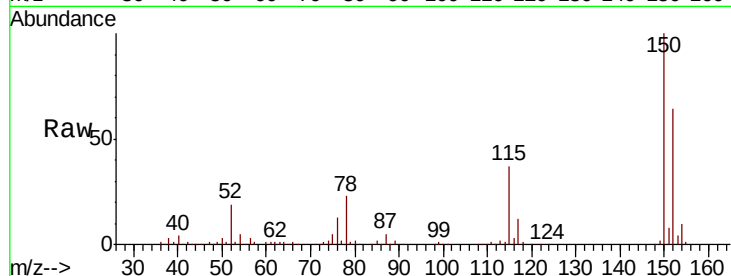


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120661.D
Acq: 19 Jun 2020 14:02

Instrument :
BNA_F
ClientSampleId :
FAIRMOUNT-REAR

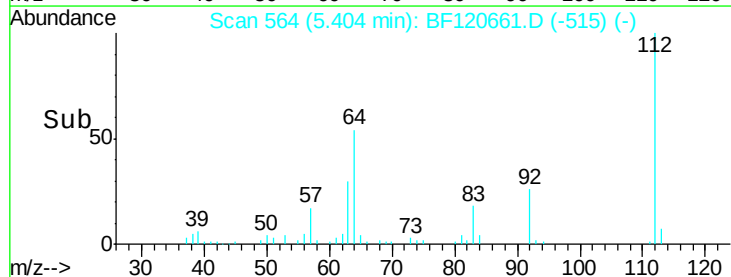
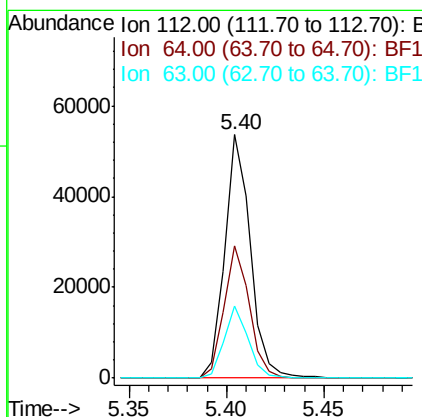
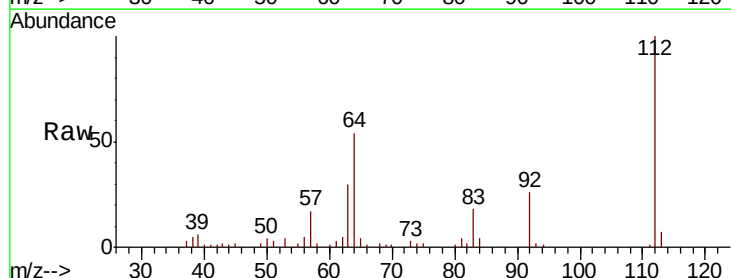
Tot Ion	152	Resp	126387
Ion Ratio	100	Lower	Upper
152	100	123.2	184.8
150	155.9	43.9	65.9
115	57.4		

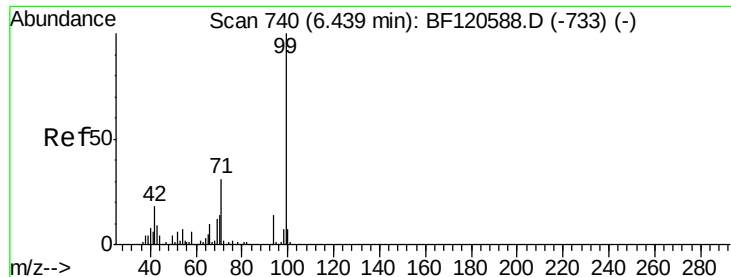


#5

2-Fluorophenol
Concen: 6.603 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF120661.D
Acq: 19 Jun 2020 14:02

Tgt Ion	112	Resp	48673
Ion Ratio	100	Lower	Upper
112	100	46.1	69.1
64	54.3	23.7	35.5
63	29.9		





#7

Phenol-d6

Concen: 50.571 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF120661.D

Acq: 19 Jun 2020 14:02

Instrument :

BNA_F

ClientSampleId :

FAIRMOUNT-REAR

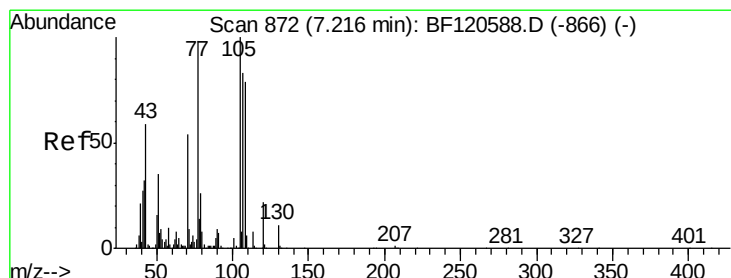
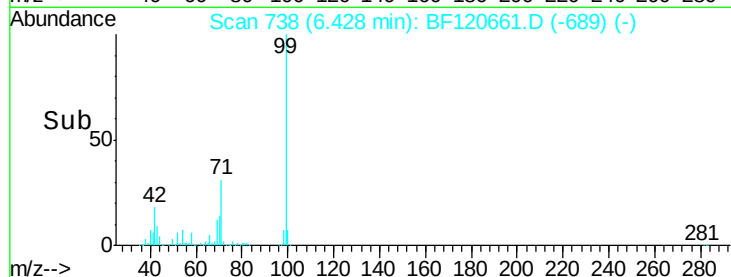
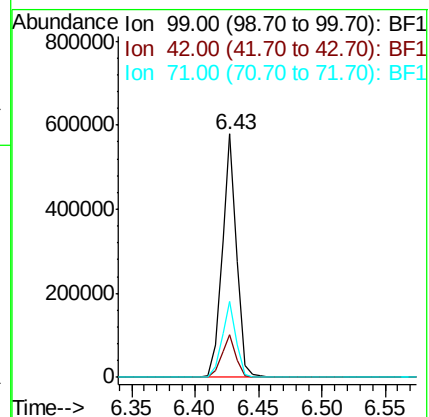
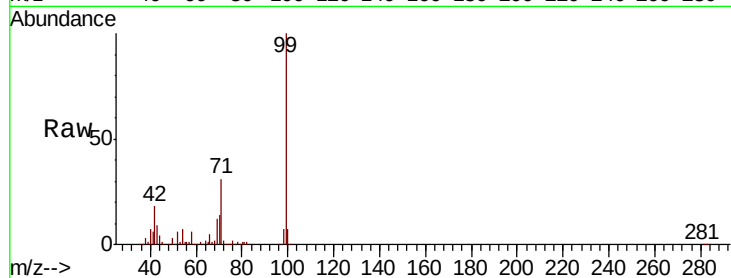
Tot Ion: 99 Resp: 464321

Ion Ratio Lower Upper

99 100

42 17.6 14.0 21.0

71 31.3 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 10.361 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF120661.D

Acq: 19 Jun 2020 14:02

Tgt Ion: 70 Resp: 55184

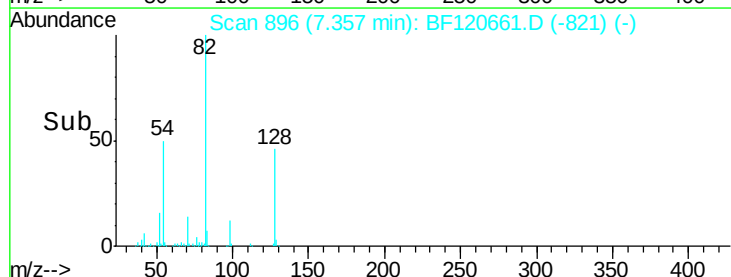
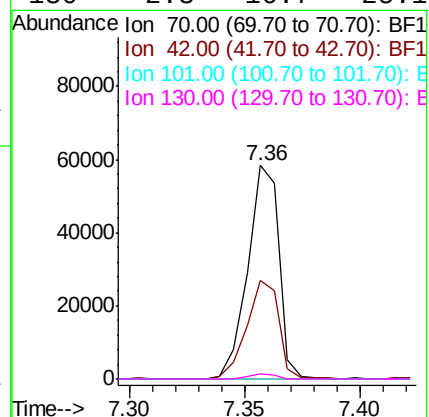
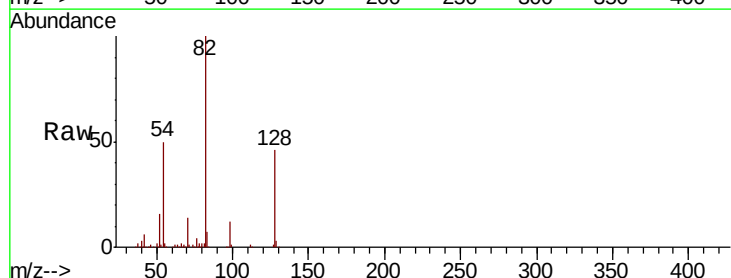
Ion Ratio Lower Upper

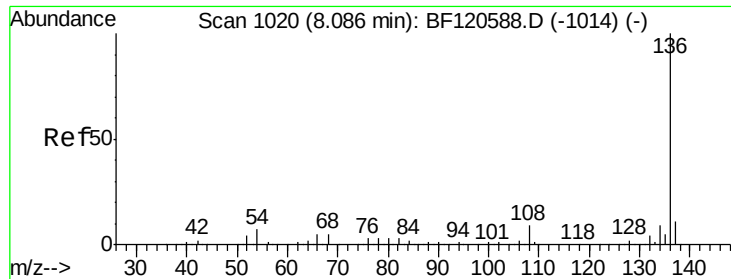
70 100

42 46.2 47.7 71.5#

101 0.0 7.6 11.4#

130 2.3 16.7 25.1#

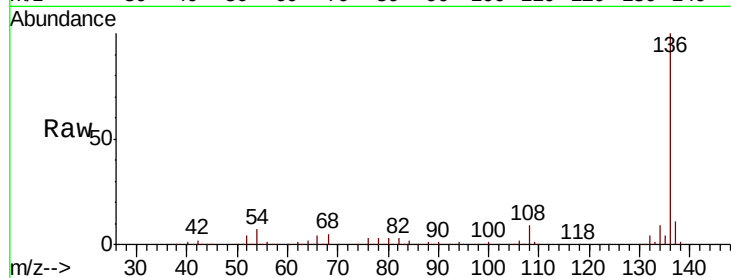




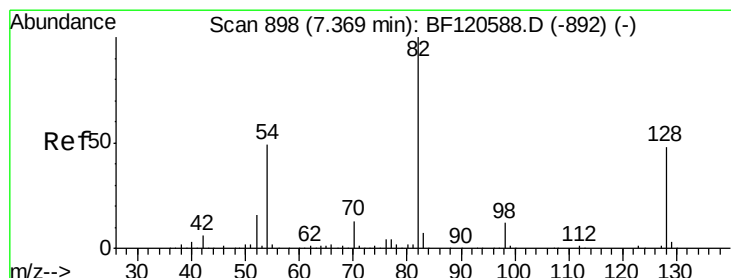
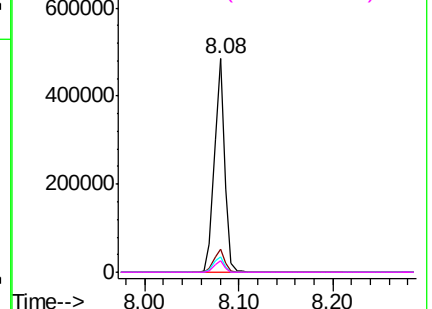
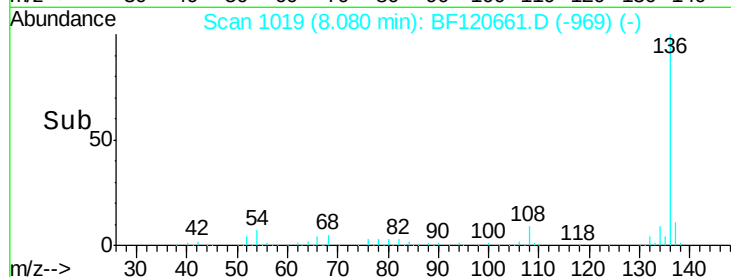
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120661.D
Acq: 19 Jun 2020 14:02

Instrument :
BNA_F
ClientSampleId :
FAIRMOUNT-REAR

Tot Ion:136 Resp: 383262
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.0 5.8 8.6
68 5.3 4.4 6.6

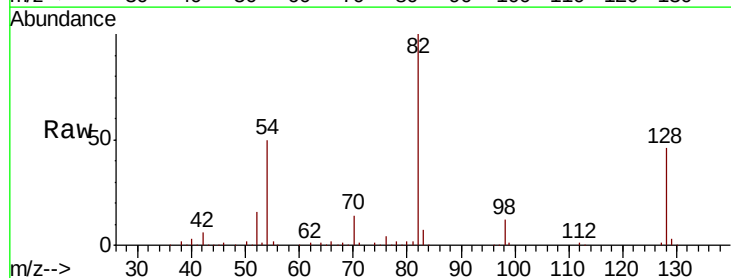


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

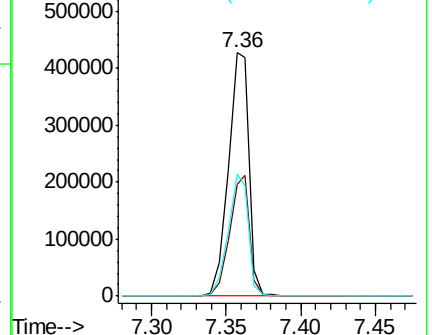
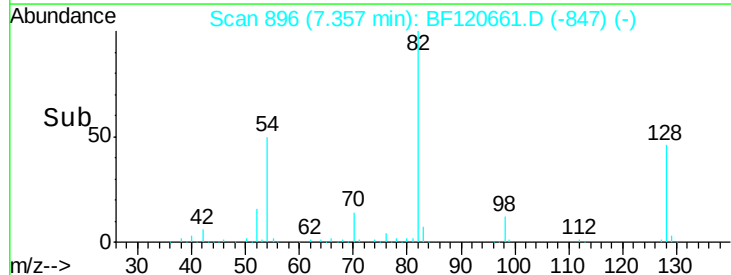


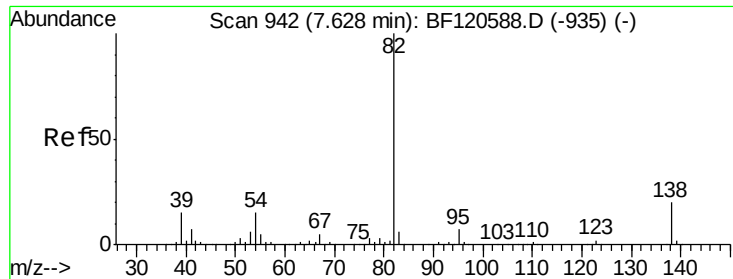
#23
Nitrobenzene-d5
Concen: 61.248 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF120661.D
Acq: 19 Jun 2020 14:02

Tgt Ion: 82 Resp: 419952
Ion Ratio Lower Upper
82 100
128 45.9 38.0 57.0
54 49.9 38.8 58.2



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

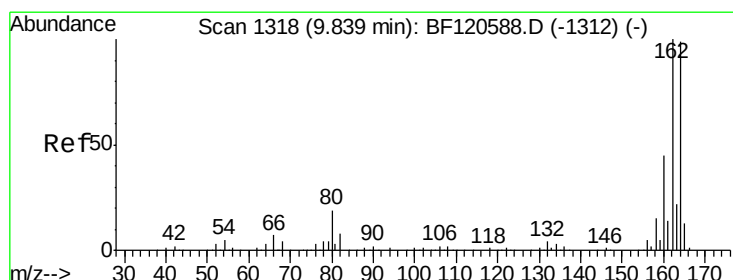
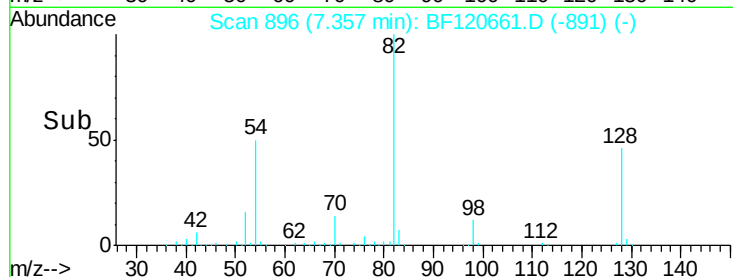
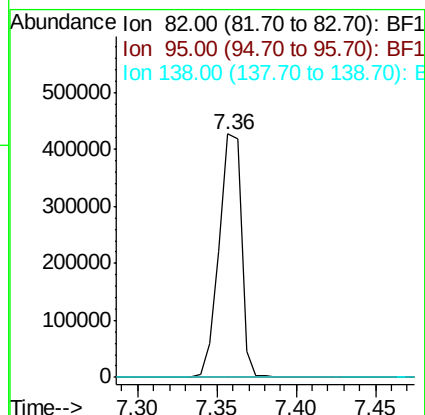
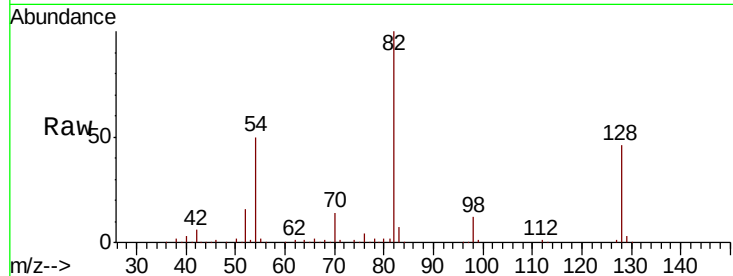




#25
Isophorone
Concen: 31.441 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.27 min
Lab File: BF120661.D
Acq: 19 Jun 2020 14:02

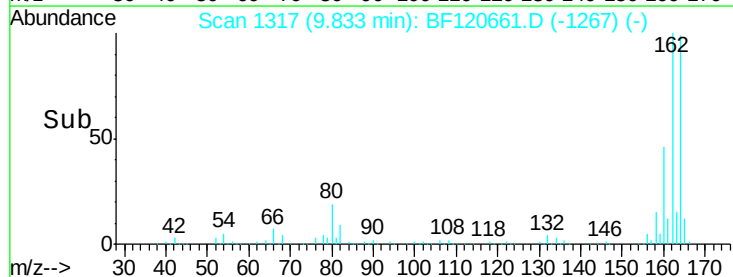
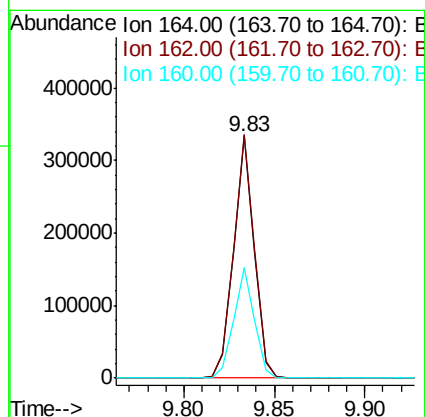
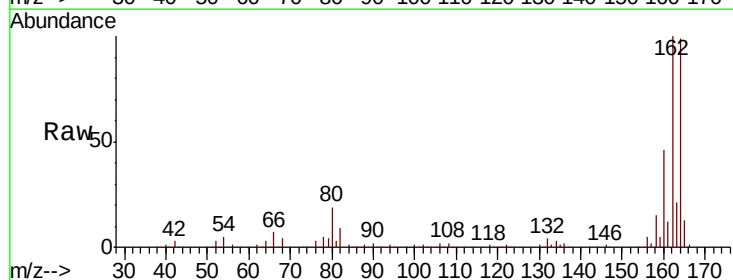
Instrument :
BNA_F
ClientSampleId :
FAIRMOUNT-REAR

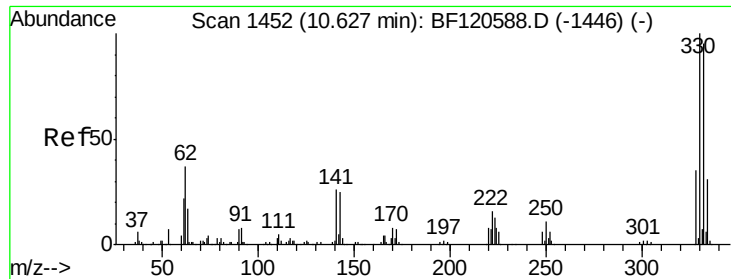
Tot Ion: 82 Resp: 419943
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 16.2 24.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120661.D
Acq: 19 Jun 2020 14:02

Tgt Ion: 164 Resp: 262661
Ion Ratio Lower Upper
164 100
162 100.6 80.6 120.8
160 45.8 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 0.521 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF120661.D

Acq: 19 Jun 2020 14:02

Instrument :

BNA_F

ClientSampleId :

FAIRMOUNT-REAR

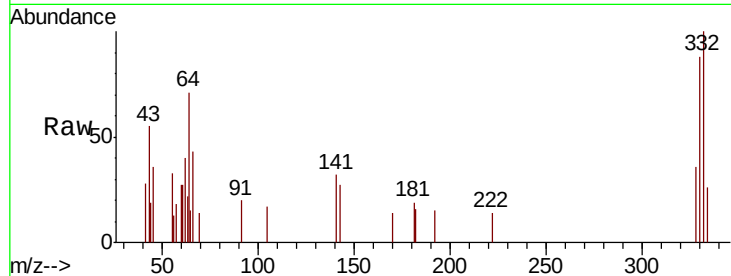
Tot Ion:330 Resp: 1591

Ion Ratio Lower Upper

330 100

332 95.8 76.8 115.2

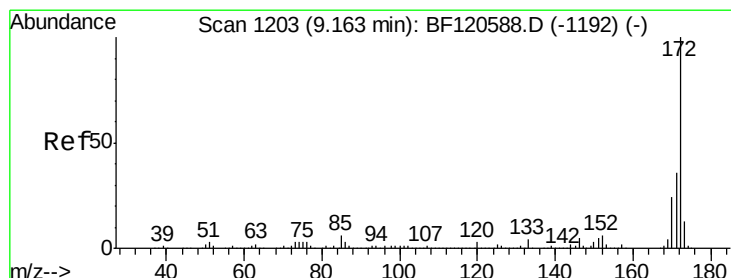
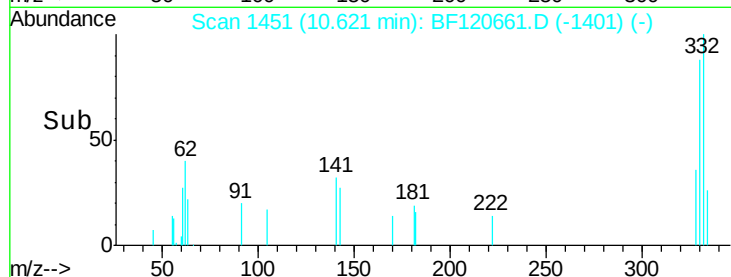
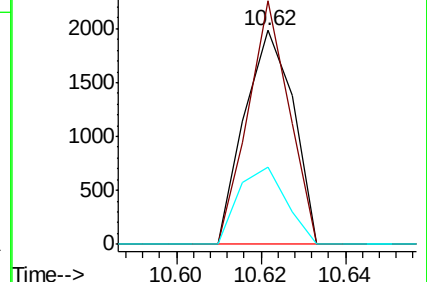
141 35.4 23.2 34.8#



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: 52.610 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF120661.D

Acq: 19 Jun 2020 14:02

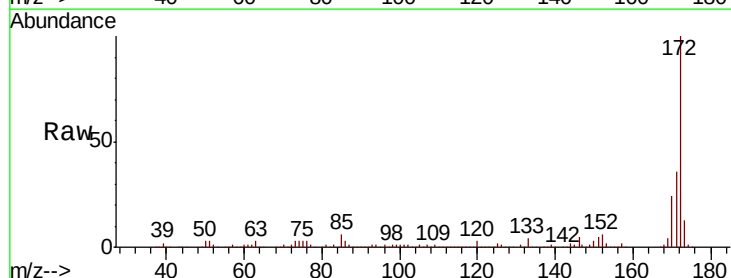
Tgt Ion:172 Resp: 903179

Ion Ratio Lower Upper

172 100

171 35.6 29.0 43.4

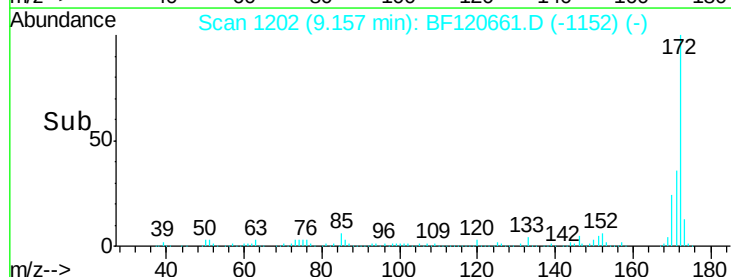
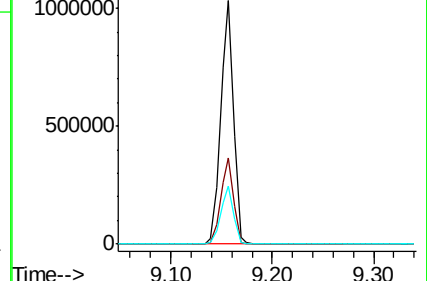
170 23.7 19.4 29.2

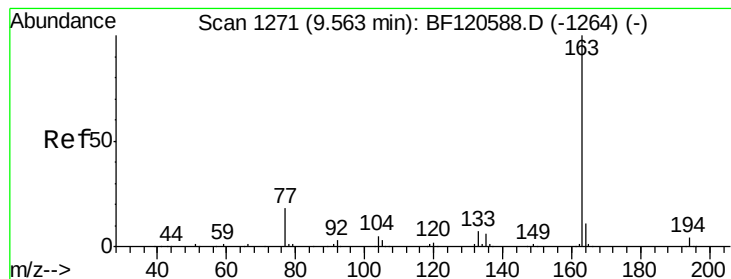


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.767 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF120661.D

Acq: 19 Jun 2020 14:02

Instrument :

BNA_F

ClientSampleId :

FAIRMOUNT-REAR

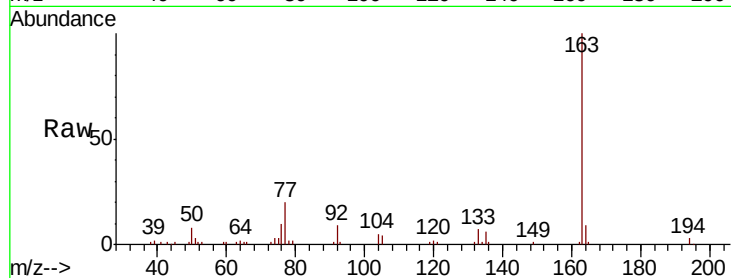
Tot Ion:163 Resp: 71261

Ion Ratio Lower Upper

163 100

194 3.4 3.1 4.7

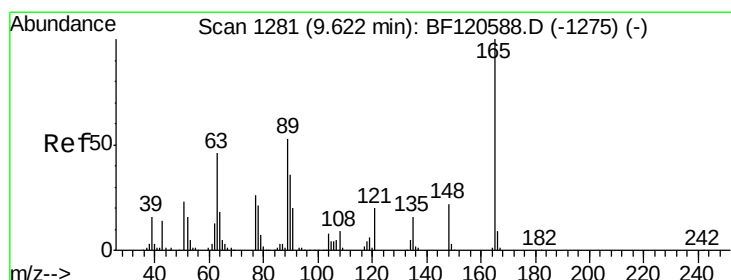
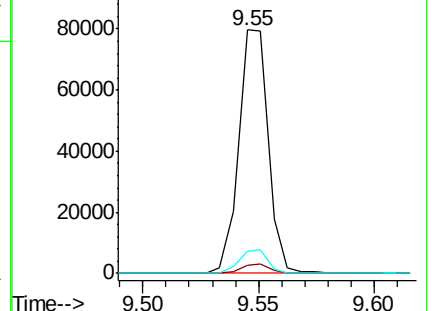
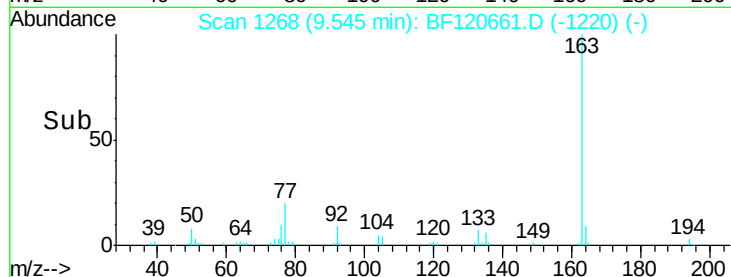
164 9.2 8.5 12.7



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: 7.788 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.21 min

Lab File: BF120661.D

Acq: 19 Jun 2020 14:02

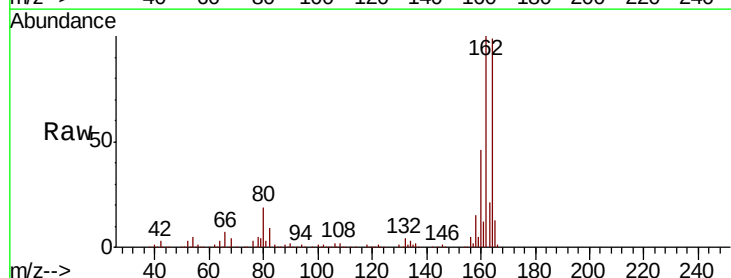
Tgt Ion:165 Resp: 33386

Ion Ratio Lower Upper

165 100

63 1.0 41.7 62.5#

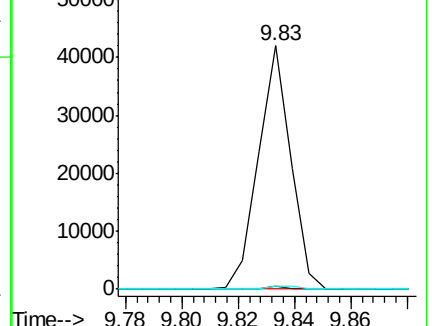
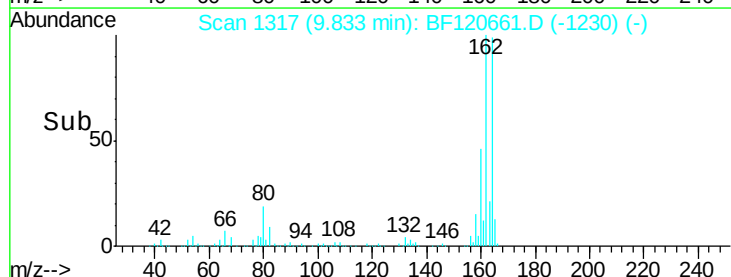
89 1.3 42.6 64.0#

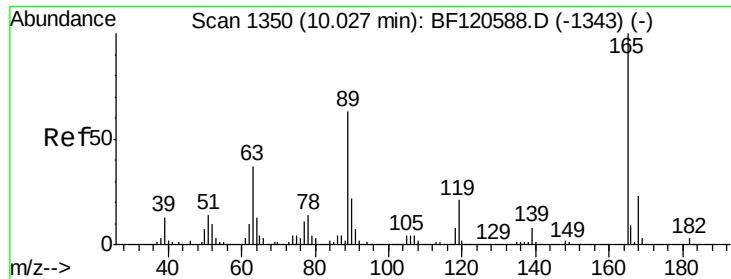


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

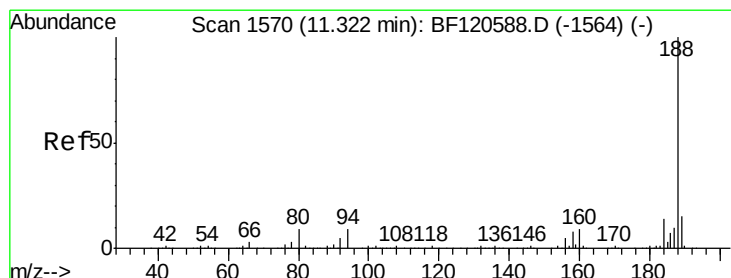
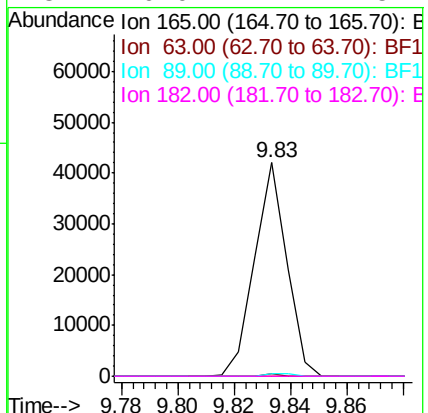
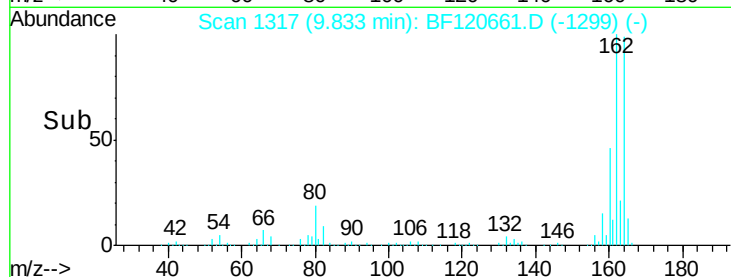
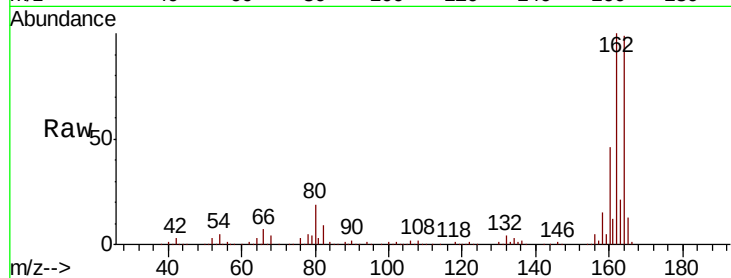




#57
 2,4-Dinitrotoluene
 Concen: 5.869 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.19 min
 Lab File: BF120661.D
 Acq: 19 Jun 2020 14:02

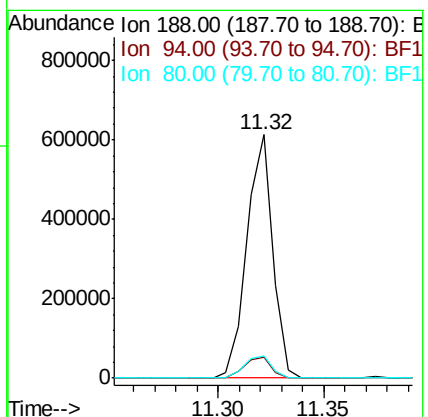
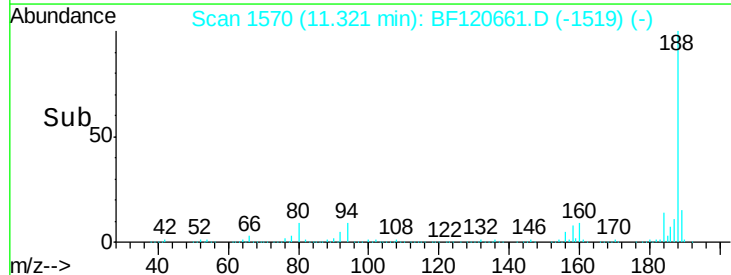
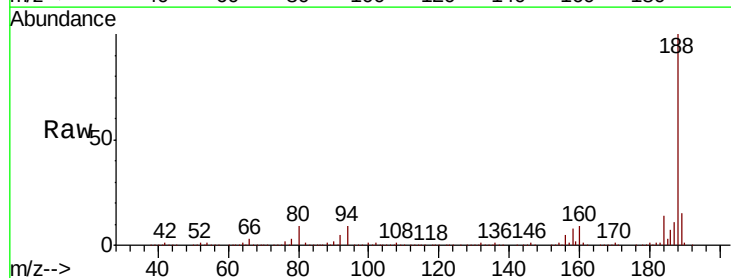
Instrument :
 BNA_F
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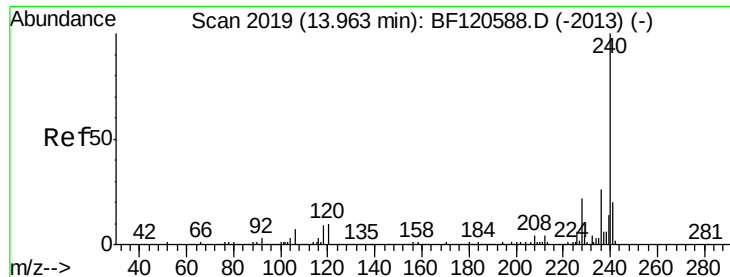
Tot Ion:165	Resp:	33386
Ion Ratio	Lower	Upper
165	100	
63	1.0	29.8 44.8#
89	1.3	50.4 75.6#
182	0.0	2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF120661.D
 Acq: 19 Jun 2020 14:02

Tgt Ion:188	Resp:	521898
Ion Ratio	Lower	Upper
188	100	
94	8.6	7.2 10.8
80	9.0	7.4 11.2

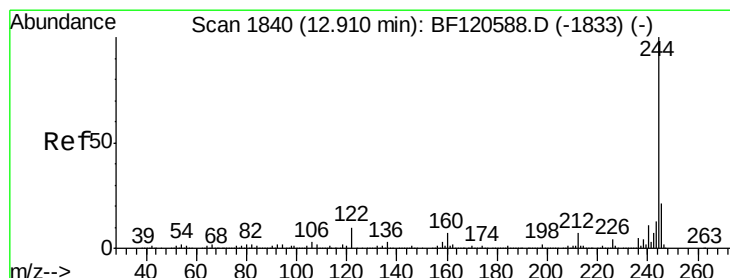
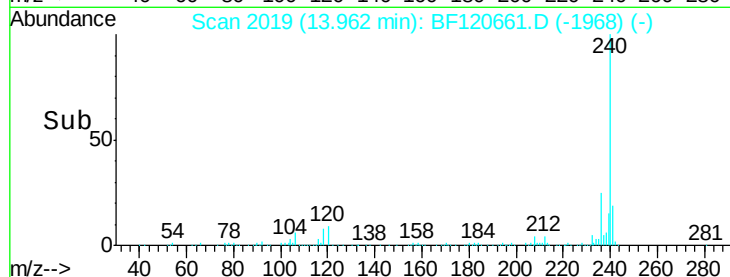
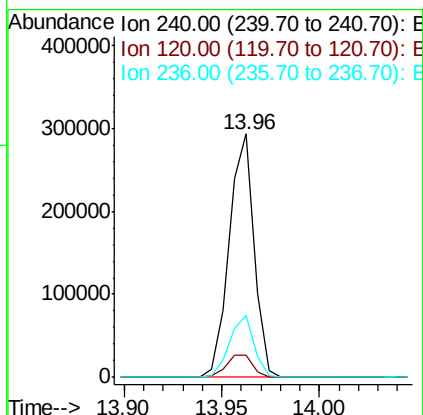
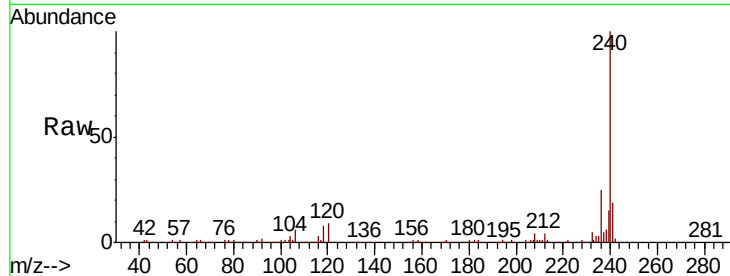




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF120661.D
Acq: 19 Jun 2020 14:02

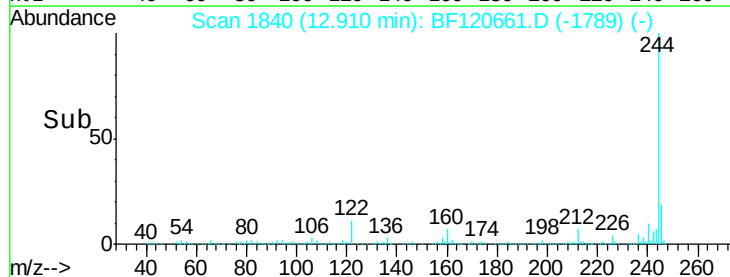
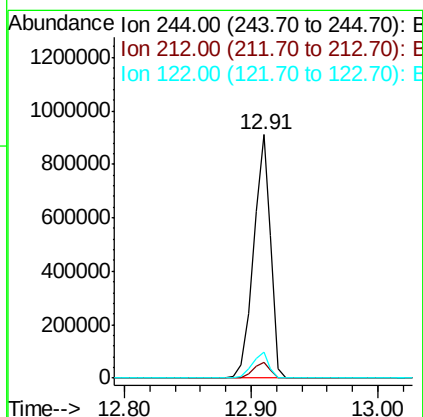
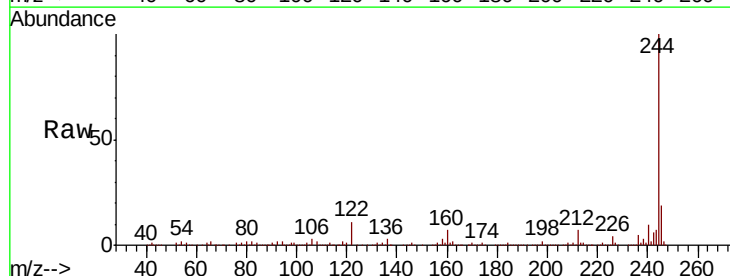
Instrument :
BNA_F
ClientSampleId :
FAIRMOUNT-REAR

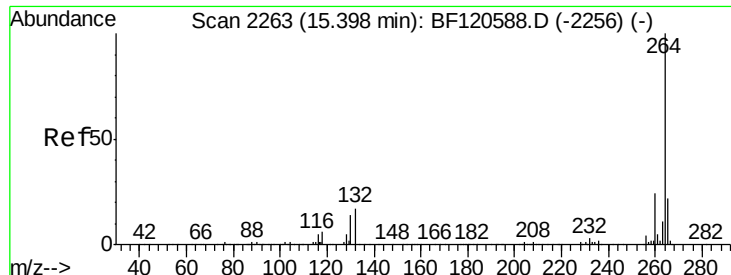
Tot Ion:240 Resp: 259434
Ion Ratio Lower Upper
240 100
120 9.0 8.3 12.5
236 25.4 21.0 31.4



#79
Terphenyl-d14
Concen: 72.485 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BF120661.D
Acq: 19 Jun 2020 14:02

Tgt Ion:244 Resp: 851334
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 10.6 8.3 12.5





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF120661.D
Acq: 19 Jun 2020 14:02

Instrument :
BNA_F
ClientSampleId :
FAIRMOUNT-REAR

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.3	28.9
265	21.8	17.8	26.8

