

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062520\
 Data File : BF120701.D
 Acq On : 25 Jun 2020 14:05
 Operator : JU/CG
 Sample : L3100-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11934-VNJ-230

Quant Time: Jun 25 15:38:52 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

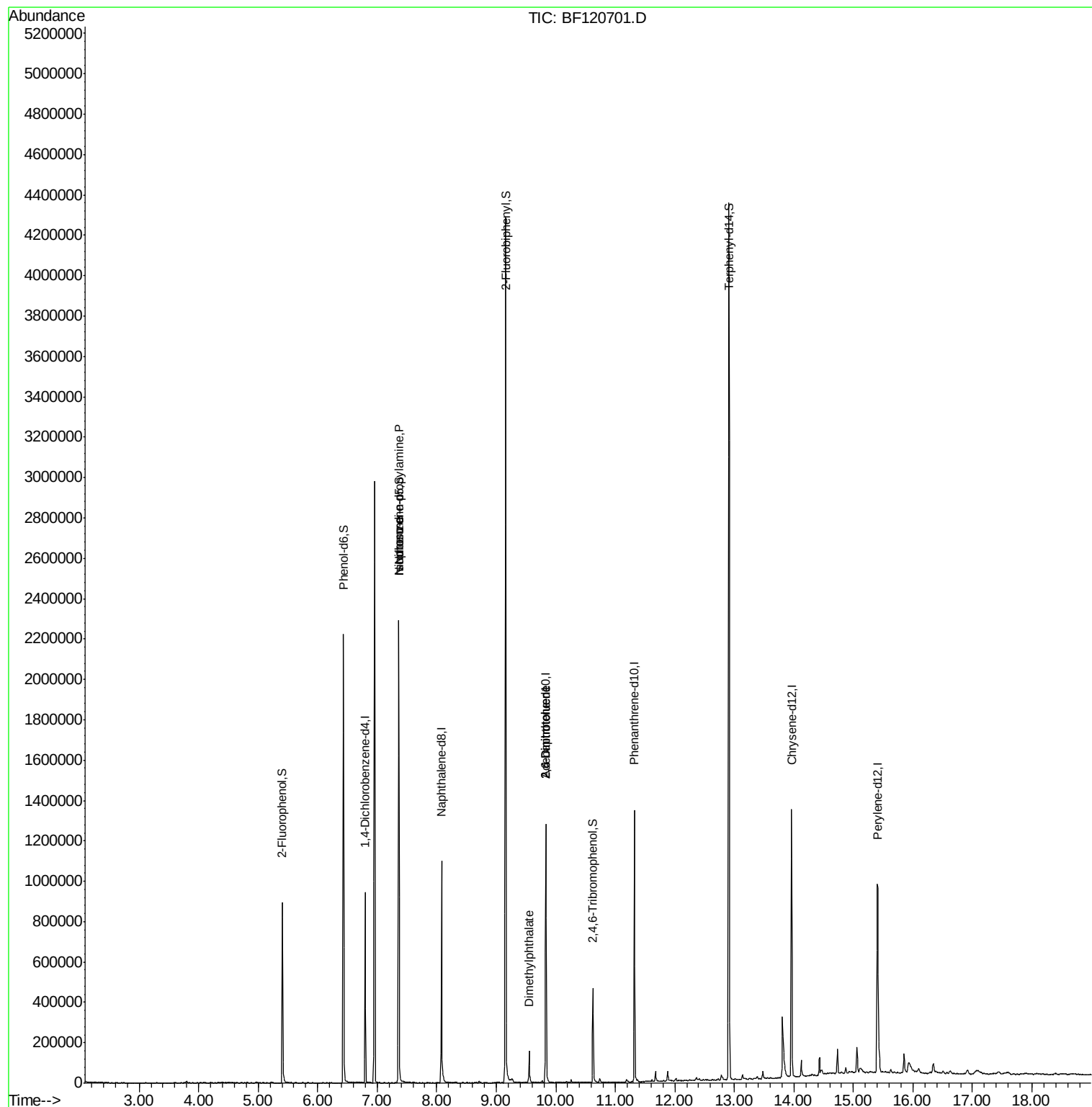
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	135434	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	513010	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	262333	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	519931	20.00	ng	0.00
76) Chrysene-d12	13.96	240	466256	20.00	ng	0.00
86) Perylene-d12	15.40	264	459282	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	289010	36.59	ng	-0.01
7) Phenol-d6	6.43	99	749072	76.13	ng	0.00
23) Nitrobenzene-d5	7.36	82	730228	79.56	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	66719	21.88	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1414427	82.49	ng	0.00
79) Terphenyl-d14	12.91	244	1725701	81.75	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	96205	16.857	ng	# 77
25) Isophorone	7.36	82	730221	40.845	ng	# 62
50) Dimethylphthalate	9.55	163	78623	4.161	ng	99
51) 2,6-Dinitrotoluene	9.83	165	33059	7.721	ng	# 27
57) 2,4-Dinitrotoluene	9.83	165	33059	5.819	ng	# 29

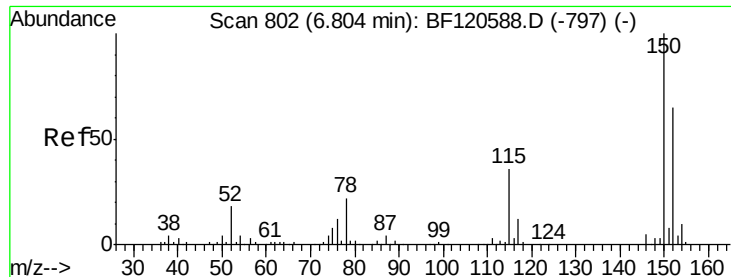
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062520\
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Misc :
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BNA_F
ClientSampleId :
72-11934-VNJ-230

Quant Time: Jun 25 15:38:52 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



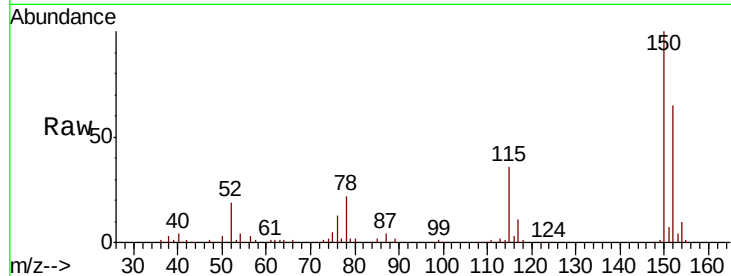


#1

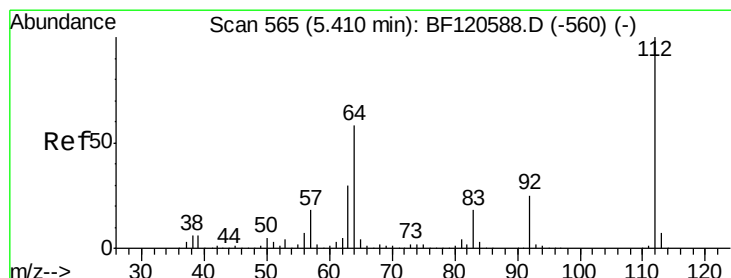
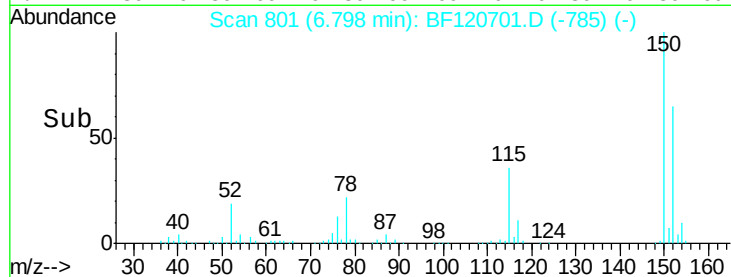
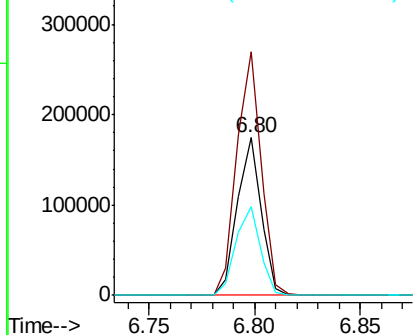
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120701.D
Acq: 25 Jun 2020 14:05

Instrument :
BNA_F
ClientSampleId :
72-11934-VNJ-230

Tot Ion:152 Resp: 135434
Ion Ratio Lower Upper
152 100
150 154.5 123.2 184.8
115 56.1 43.9 65.9



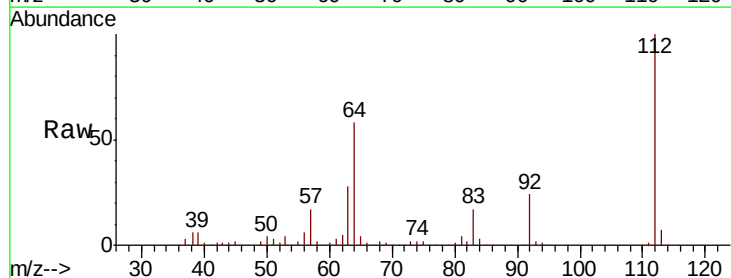
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



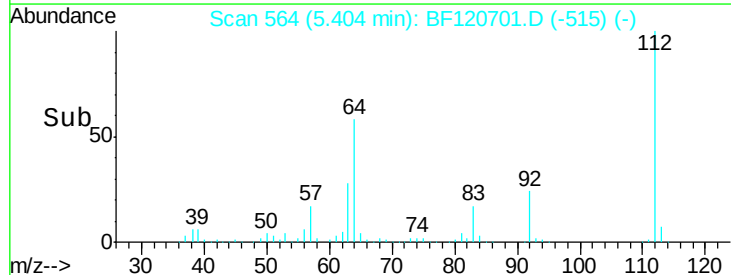
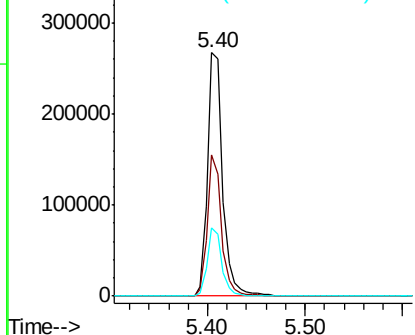
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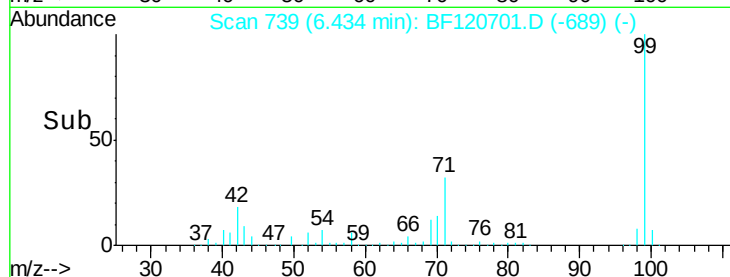
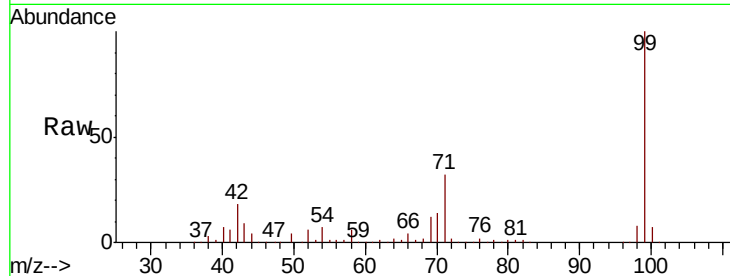
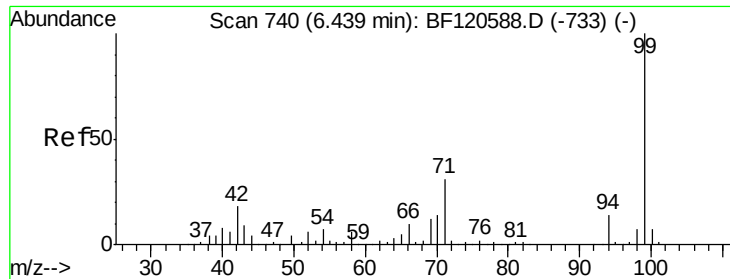
2-Fluorophenol
Concen: 36.586 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF120701.D
Acq: 25 Jun 2020 14:05

Tgt Ion:112 Resp: 289010
Ion Ratio Lower Upper
112 100
64 58.0 46.1 69.1
63 27.9 23.7 35.5



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: 76.134 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120701.D

Acq: 25 Jun 2020 14:05

Instrument :

BNA_F

ClientSampleId :

72-11934-VNJ-230

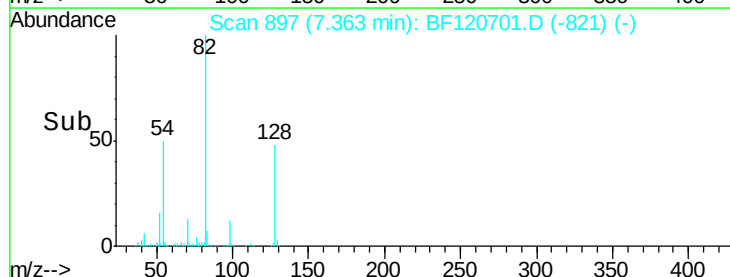
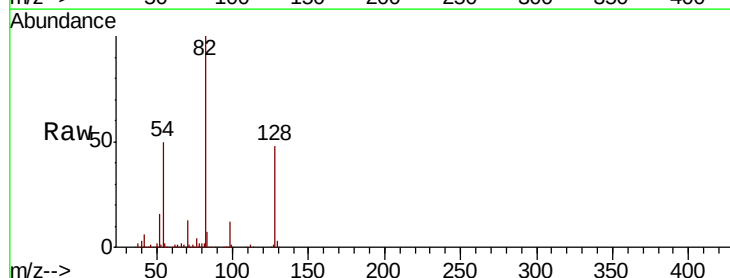
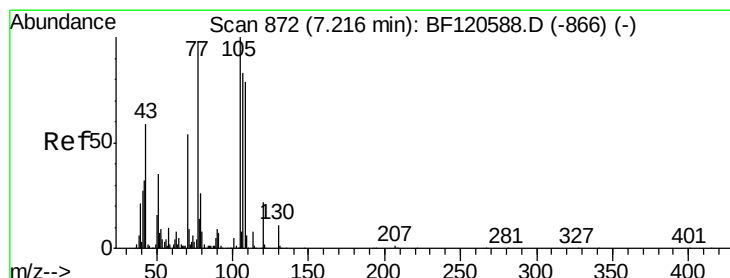
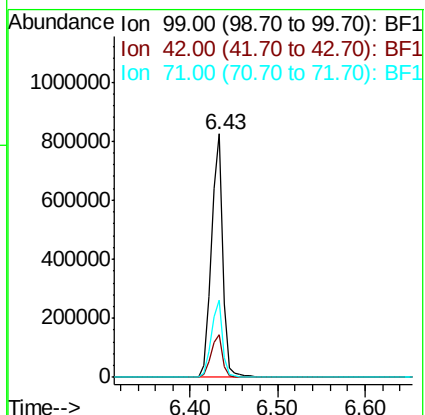
Tot Ion: 99 Resp: 749072

Ion Ratio Lower Upper

99 100

42 17.7 14.0 21.0

71 31.7 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 16.857 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF120701.D

Acq: 25 Jun 2020 14:05

Tgt Ion: 70 Resp: 96205

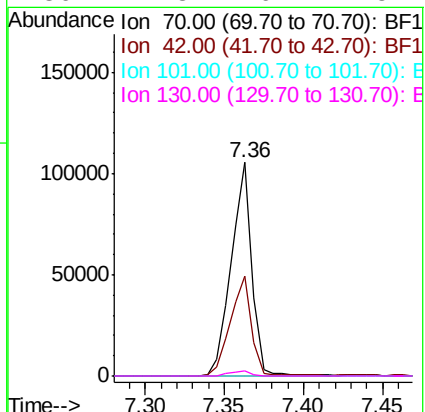
Ion Ratio Lower Upper

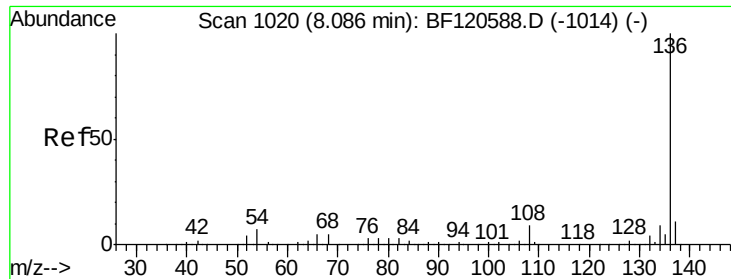
70 100

42 46.7 47.7 71.5#

101 0.0 7.6 11.4#

130 2.3 16.7 25.1#

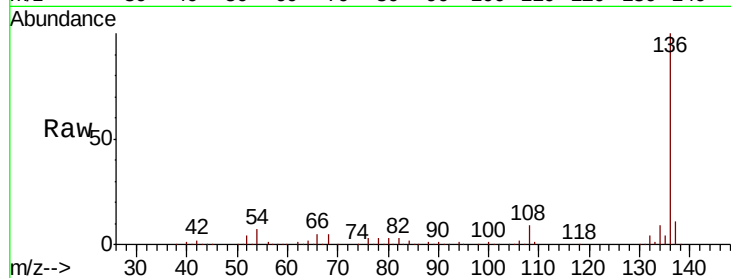




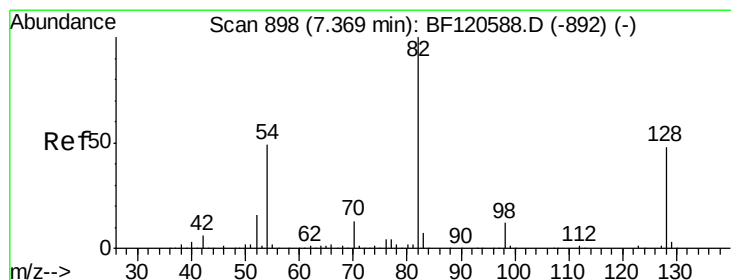
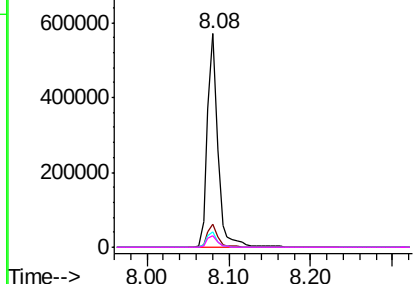
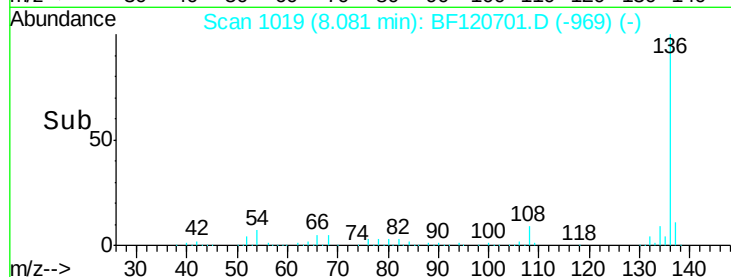
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120701.D
Acq: 25 Jun 2020 14:05

Instrument :
BNA_F
ClientSampleId :
72-11934-VNJ-230

Tot Ion:136	Resp:	513010
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.6 13.0
54	7.1	5.8 8.6
68	5.3	4.4 6.6

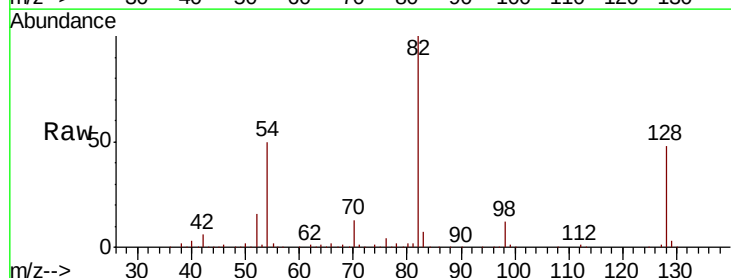


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

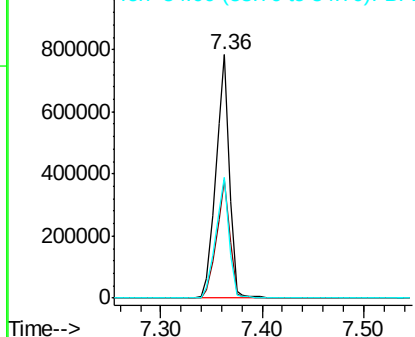
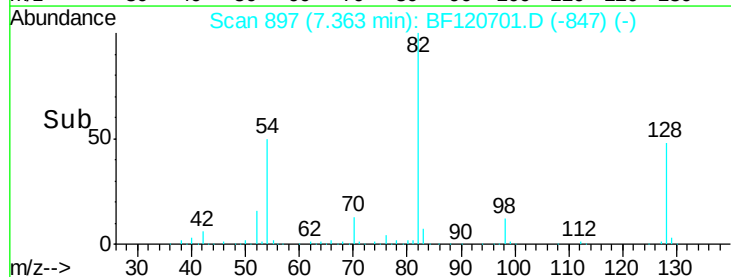


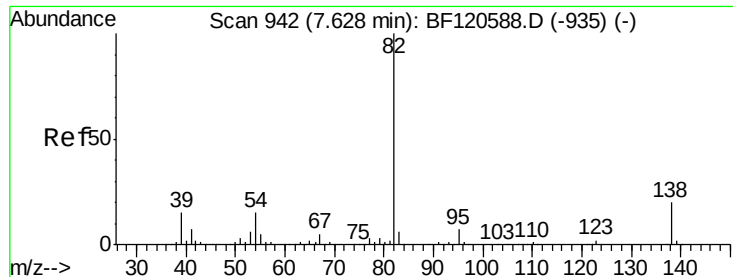
#23
Nitrobenzene-d5
Concen: 79.564 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF120701.D
Acq: 25 Jun 2020 14:05

Tgt Ion: 82	Resp:	730228
Ion	Ratio	Lower Upper
82	100	
128	48.5	38.0 57.0
54	49.5	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

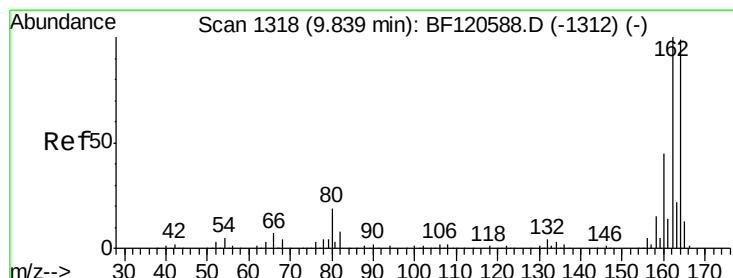
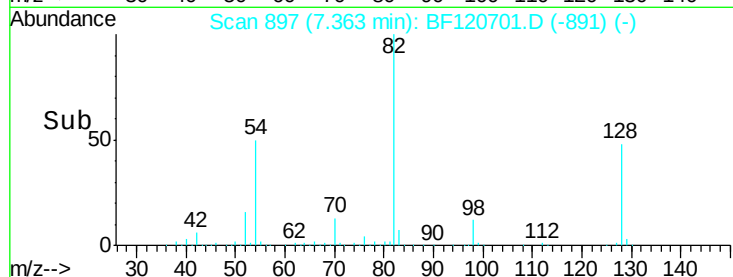
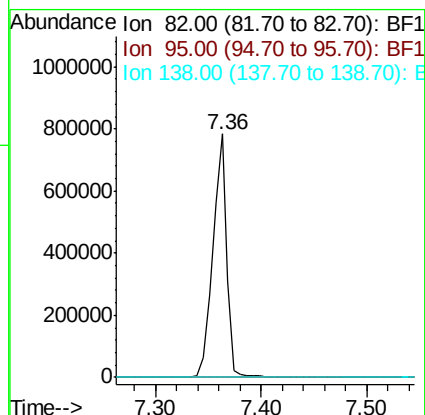
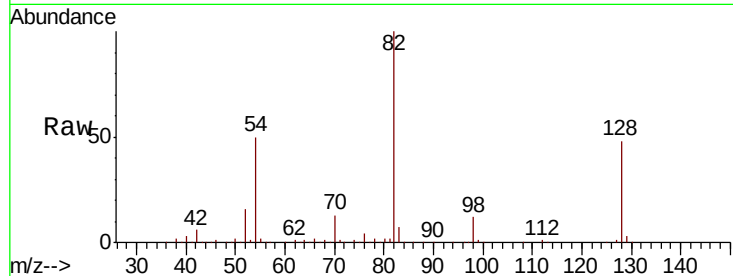




#25
Isophorone
Concen: 40.845 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF120701.D
Acq: 25 Jun 2020 14:05

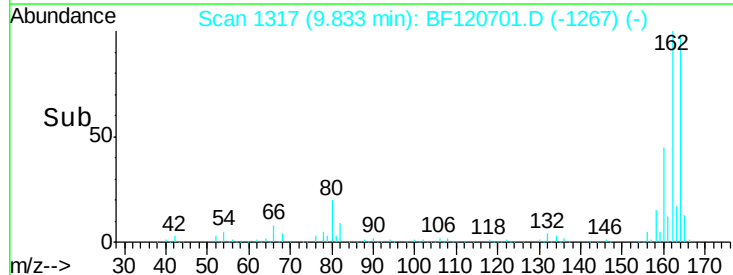
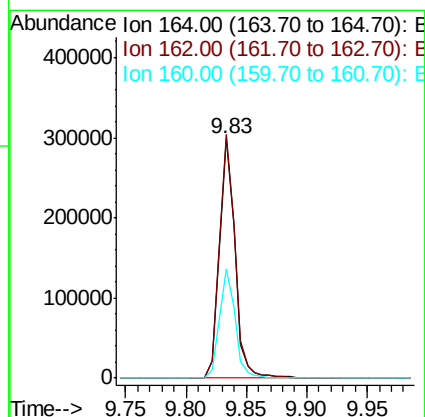
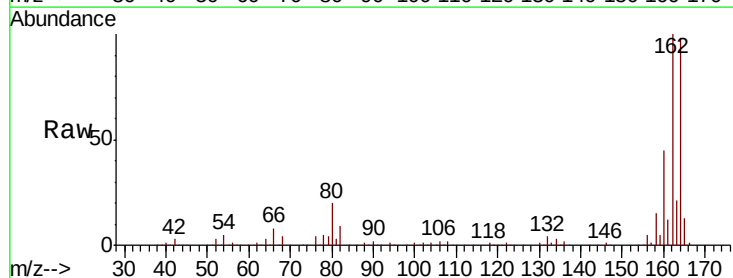
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72-11934-VNJ-230

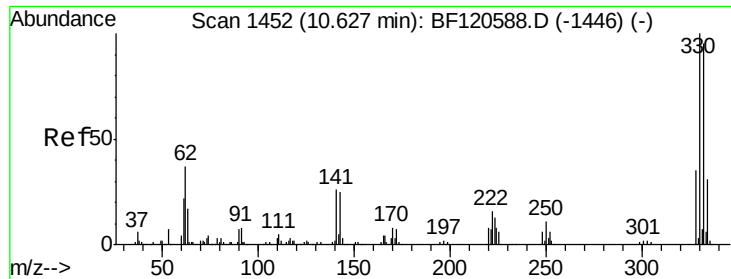
Tot Ion: 82 Resp: 730221
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 16.2 24.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120701.D
Acq: 25 Jun 2020 14:05

Tgt Ion: 164 Resp: 262333
Ion Ratio Lower Upper
164 100
162 101.6 80.6 120.8
160 45.8 36.2 54.2

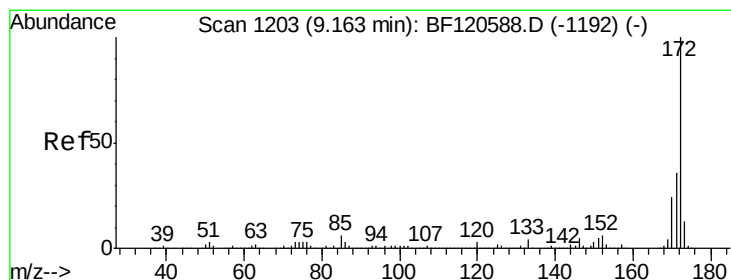
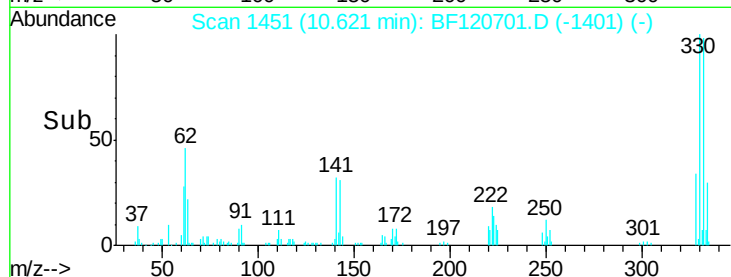
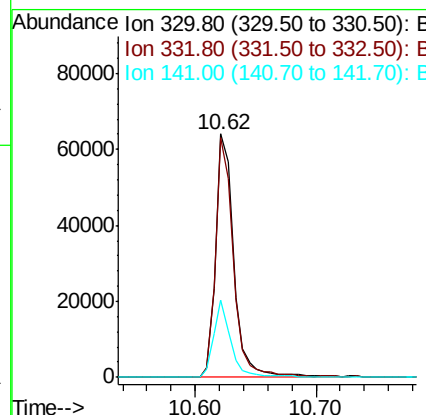
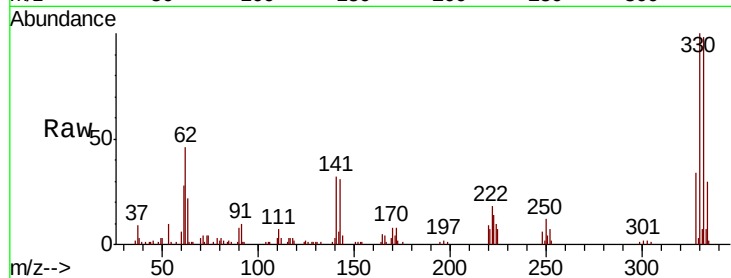




#42
 2,4,6-Tribromophenol
 Concen: 21.875 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF120701.D
 Acq: 25 Jun 2020 14:05

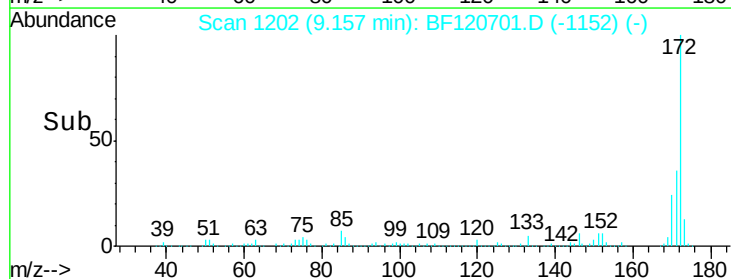
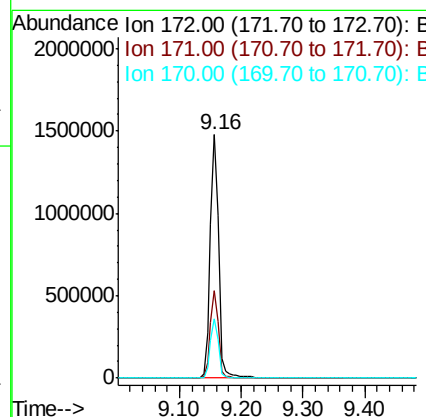
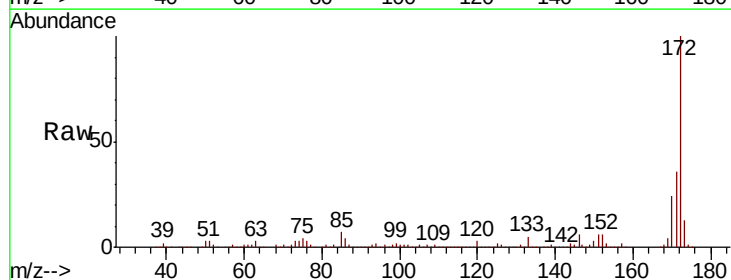
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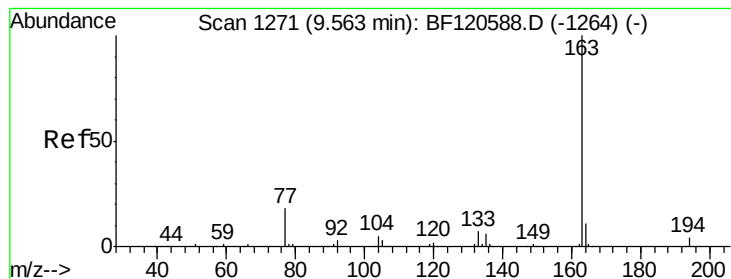
Tot Ion:330 Resp: 66719
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.8 115.2
 141 29.7 23.2 34.8



#45
 2-Fluorobiphenyl
 Concen: 82.493 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120701.D
 Acq: 25 Jun 2020 14:05

Tgt Ion:172 Resp: 1414427
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.4
 170 24.3 19.4 29.2





#50

Dimethylphthalate

Concen: 4.161 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF120701.D

Acq: 25 Jun 2020 14:05

Instrument :

BNA_F

ClientSampleId :

72-11934-VNJ-230

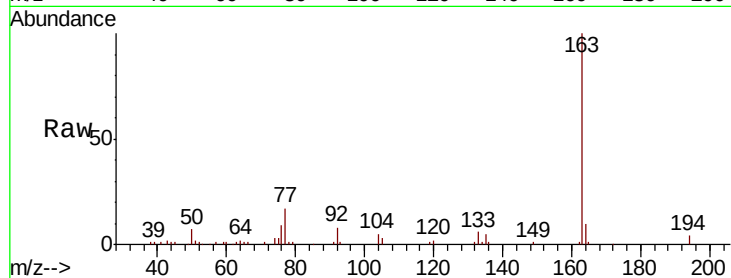
Tot Ion:163 Resp: 78623

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

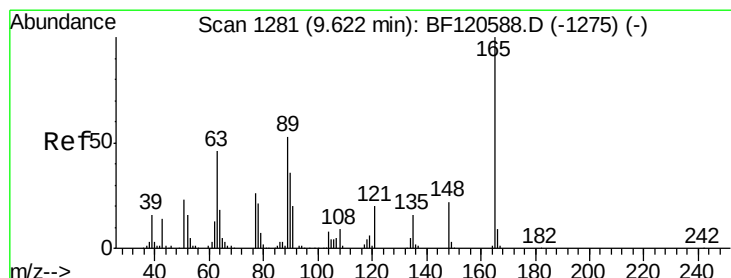
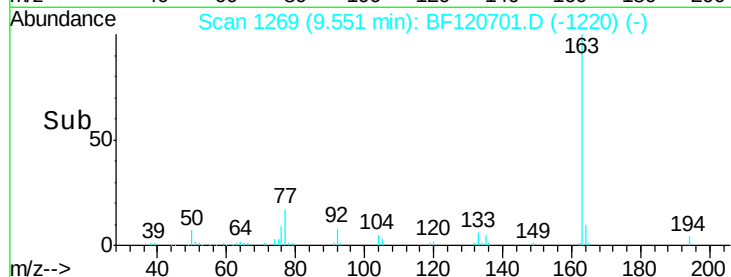
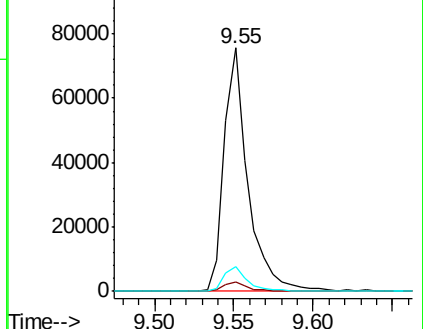
164 10.4 8.5 12.7



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: 7.721 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.21 min

Lab File: BF120701.D

Acq: 25 Jun 2020 14:05

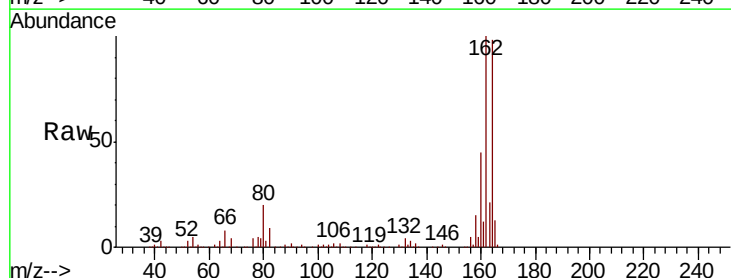
Tgt Ion:165 Resp: 33059

Ion Ratio Lower Upper

165 100

63 1.0 41.7 62.5#

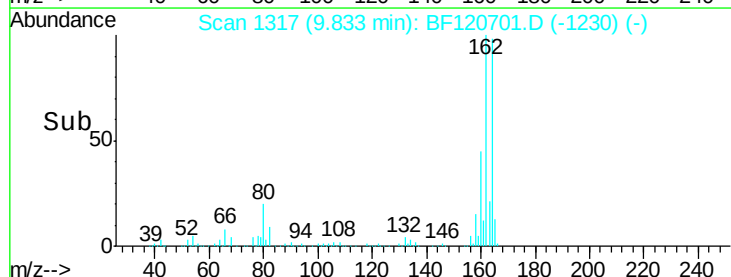
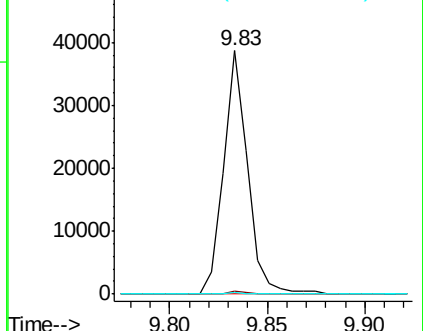
89 1.0 42.6 64.0#

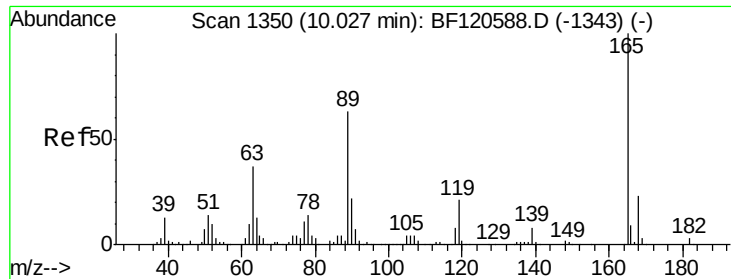


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

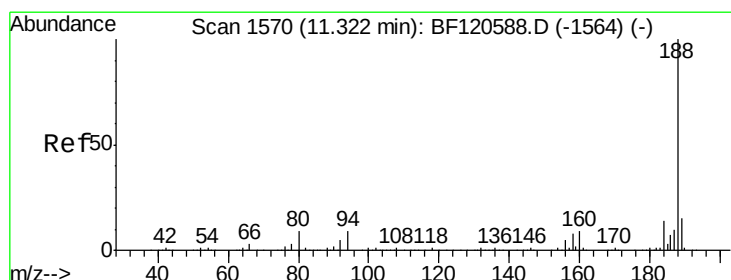
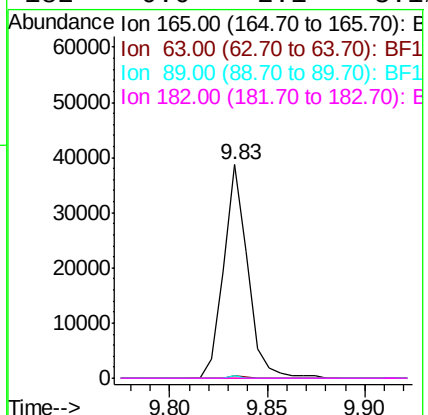
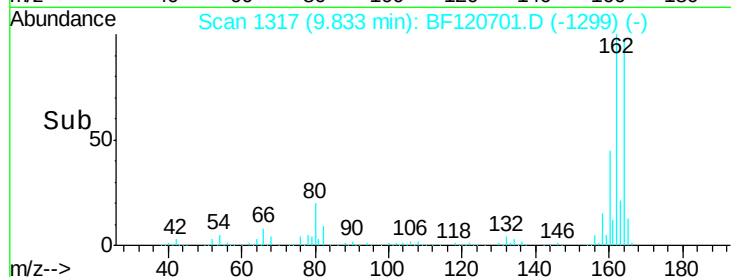
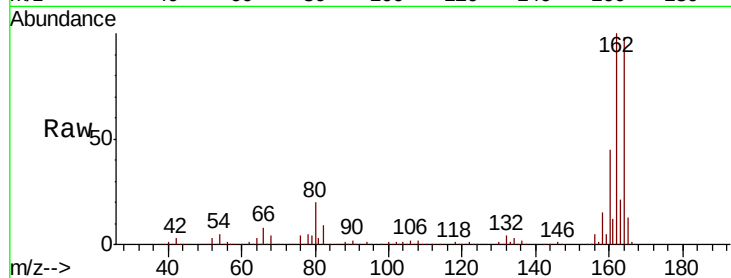




#57
 2,4-Dinitrotoluene
 Concen: 5.819 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.19 min
 Lab File: BF120701.D
 Acq: 25 Jun 2020 14:05

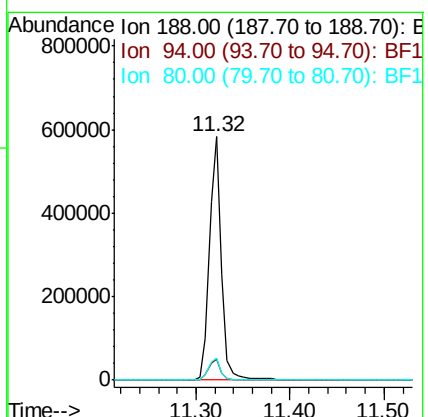
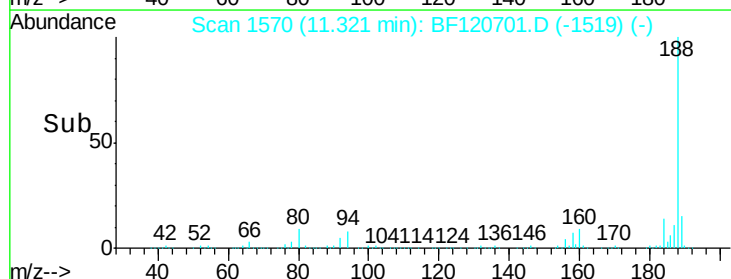
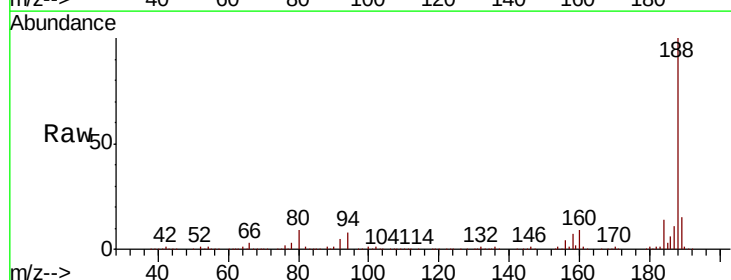
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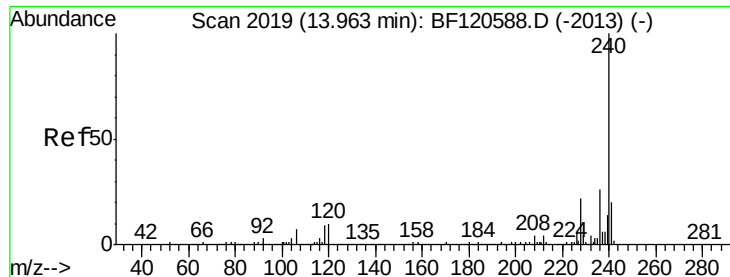
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.8	44.8#
89	1.0	50.4	75.6#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF120701.D
 Acq: 25 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	9.0	7.4	11.2

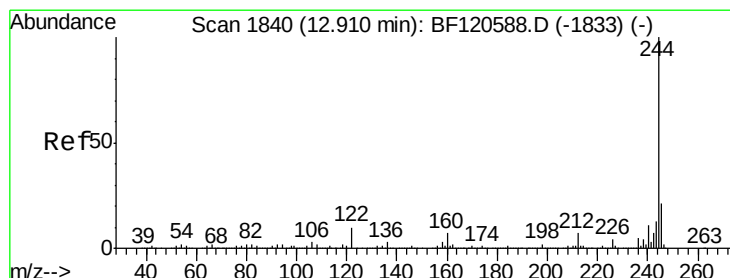
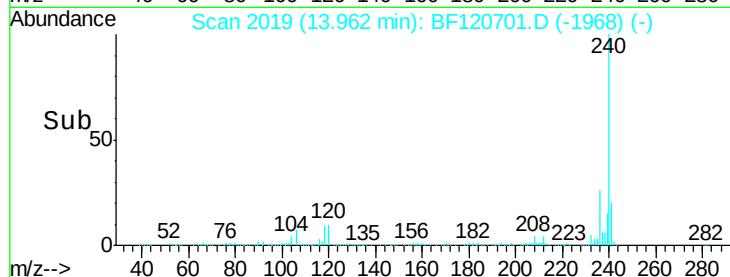
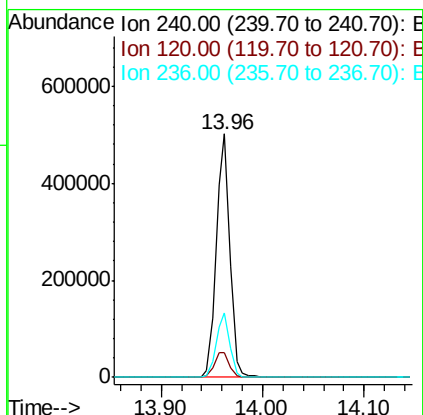
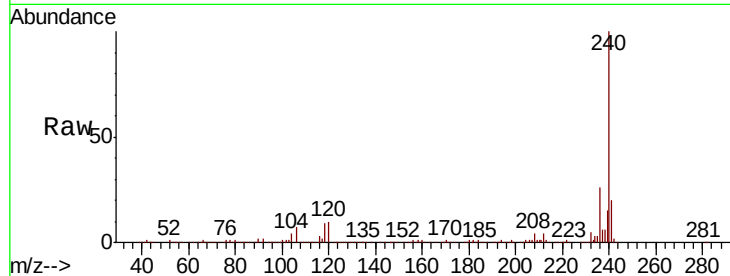




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF120701.D
Acq: 25 Jun 2020 14:05

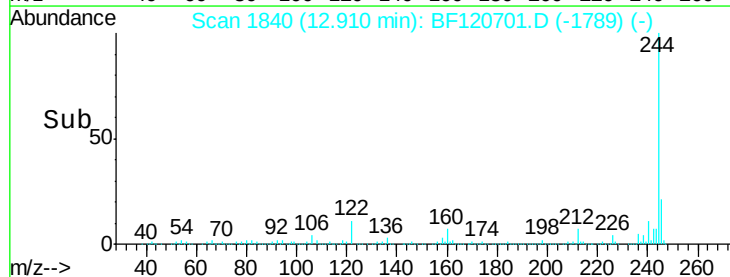
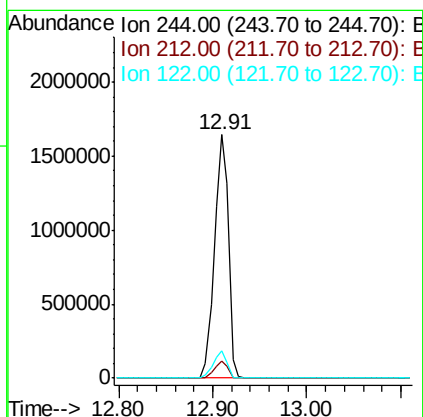
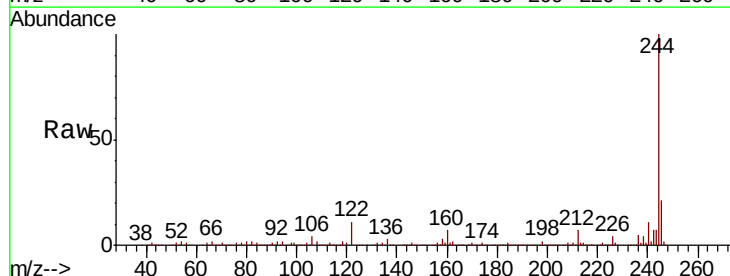
Instrument :
BNA_F
ClientSampleId :
72-11934-VNJ-230

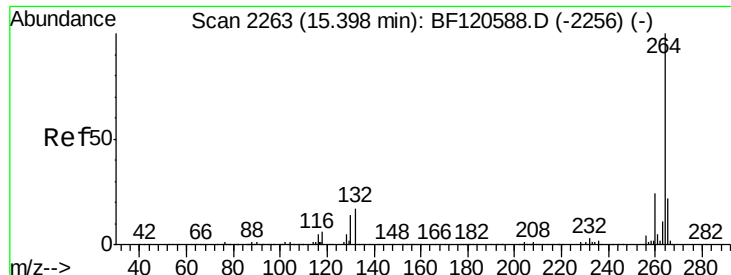
Tot Ion:240 Resp: 466256
Ion Ratio Lower Upper
240 100
120 10.3 8.3 12.5
236 26.3 21.0 31.4



#79
Terphenyl-d14
Concen: 81.755 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BF120701.D
Acq: 25 Jun 2020 14:05

Tgt Ion:244 Resp: 1725701
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 11.1 8.3 12.5

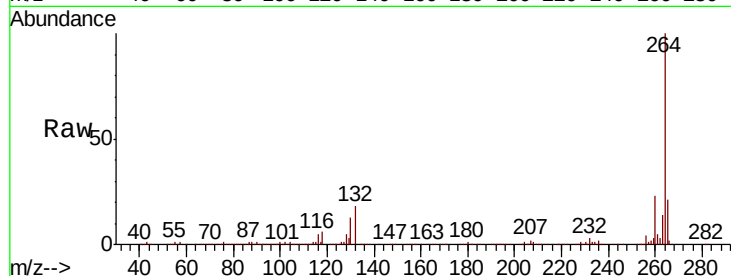




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: BF120701.D
 Acq: 25 Jun 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 72-11934-VNJ-230

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.3	28.9
265	21.2	17.8	26.8



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

