

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF052920\
 Data File : BF120435.D
 Acq On : 29 May 2020 13:28
 Operator : MA/SJ
 Sample : L2500-06 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-052220

Quant Time: May 29 14:01:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 12:39:43 2020
 Response via : Initial Calibration

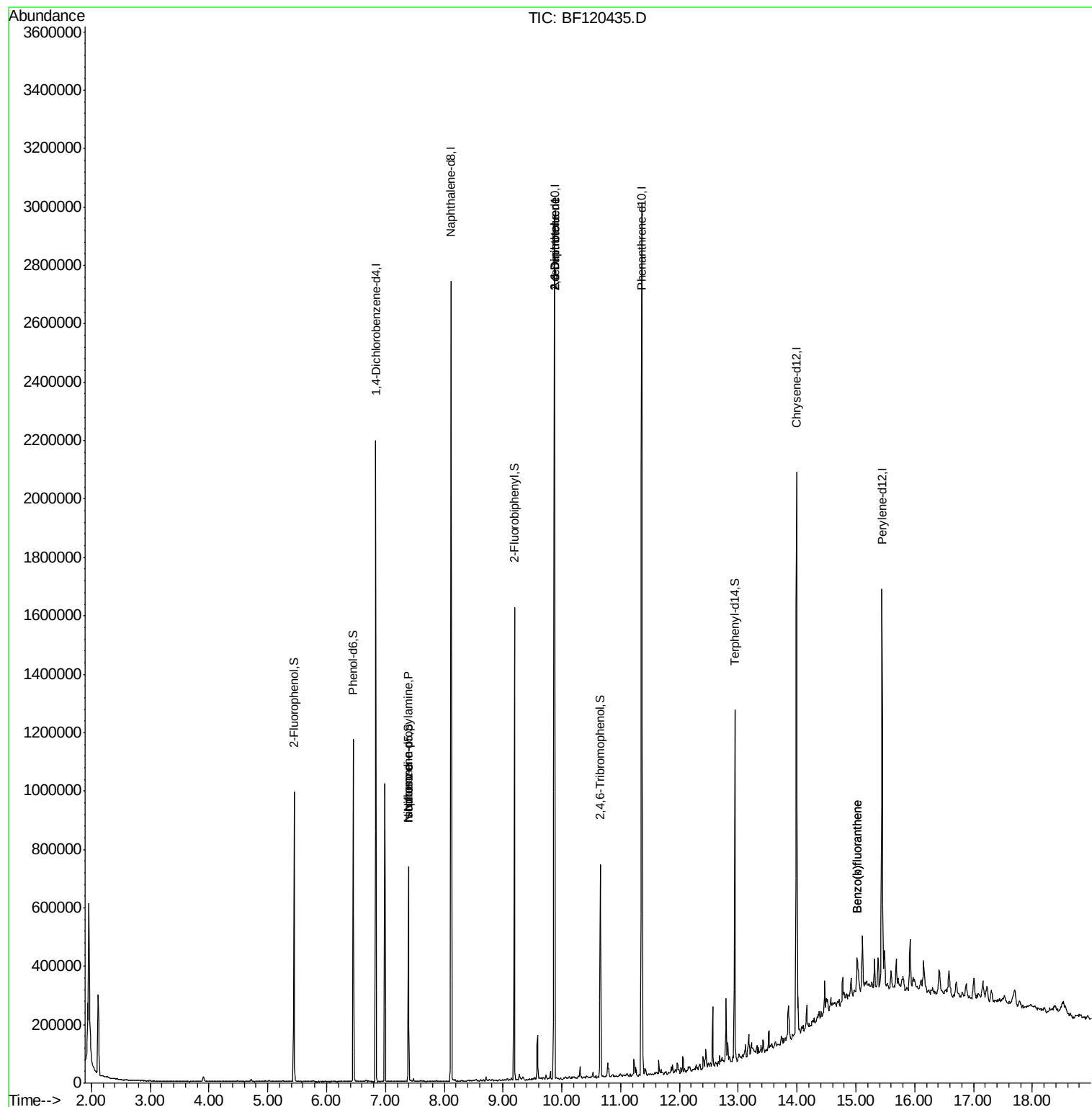
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	324753	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1242843	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	617060	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	1019822	20.00	ng	0.00
76) Chrysene-d12	13.99	240	619230	20.00	ng	0.00
86) Perylene-d12	15.44	264	644286	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	253592	14.88	ng	0.00
7) Phenol-d6	6.45	99	336819	16.04	ng	-0.02
23) Nitrobenzene-d5	7.39	82	209192	11.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	82189	14.38	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	476791	13.11	ng	0.00
79) Terphenyl-d14	12.94	244	396208	14.24	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	27287	2.044	ng	# 79
25) Isophorone	7.39	82	209069	5.475	ng	# 64
51) 2,6-Dinitrotoluene	9.87	165	79704	9.297	ng	# 23
57) 2,4-Dinitrotoluene	9.87	165	79704	7.264	ng	# 22
88) Benzo(b)fluoranthene	15.02	252	91580	2.559	ng	# 92
89) Benzo(k)fluoranthene	15.02	252	91580	2.741	ng	# 93

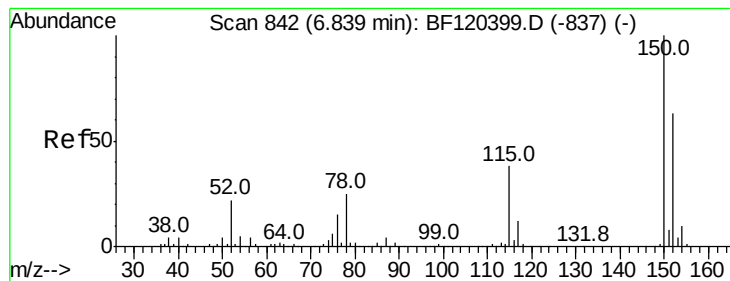
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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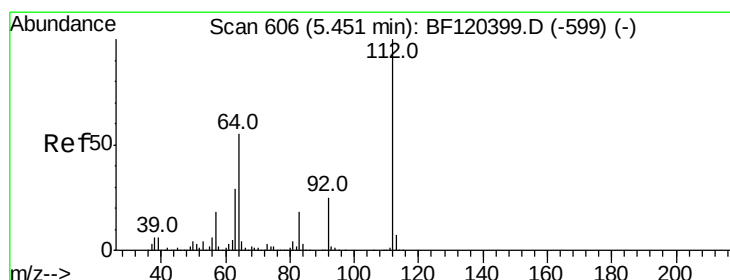
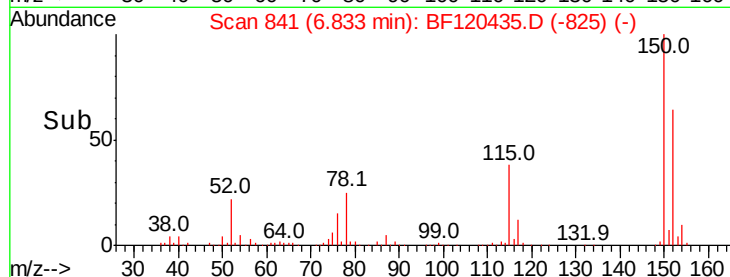
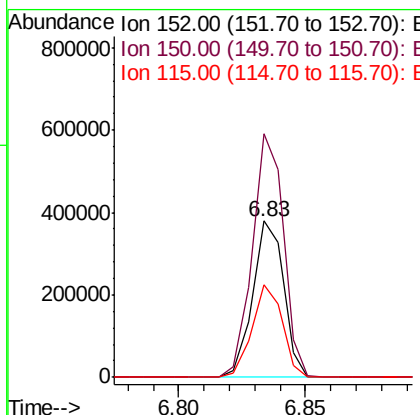
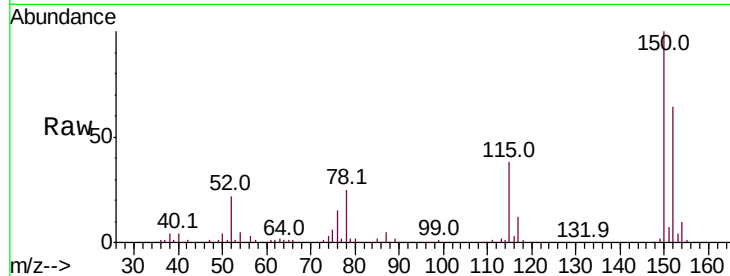


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF120435.D
 Acq: 29 May 2020 13:28

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-052220

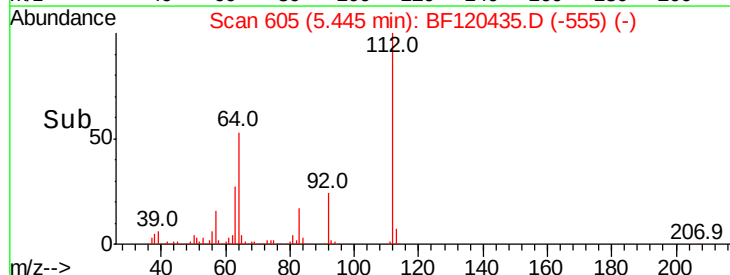
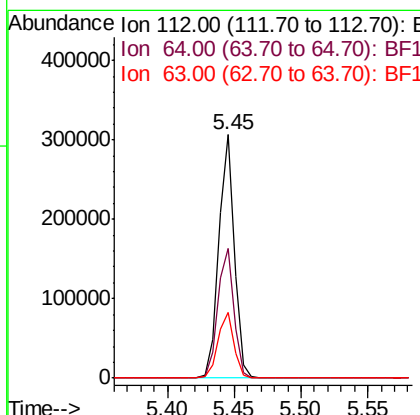
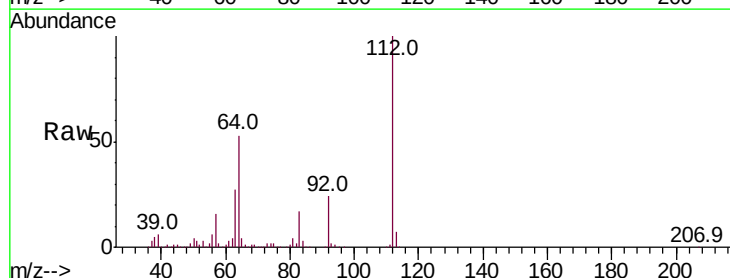
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.5	189.7
115	59.5	47.6	71.4

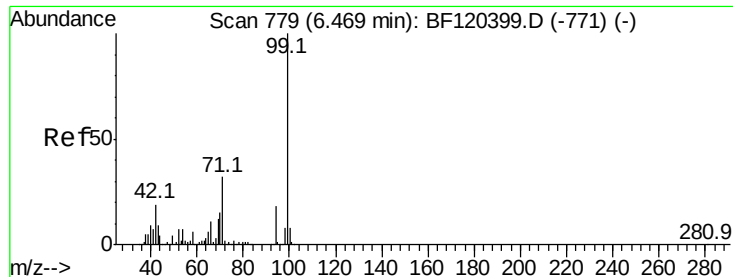


#5

2-Fluorophenol
 Concen: 14.882 ng
 RT: 5.45 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF120435.D
 Acq: 29 May 2020 13:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	44.3	66.5
63	26.8	22.9	34.3





#7

Phenol-d6

Concen: 16.036 ng

RT: 6.45 min Scan# 776

Delta R.T. -0.02 min

Lab File: BF120435.D

Acq: 29 May 2020 13:28

Instrument :

BNA_F

ClientSampleId :

OK-03-052220

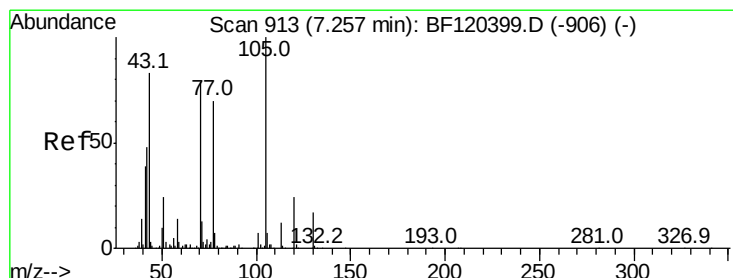
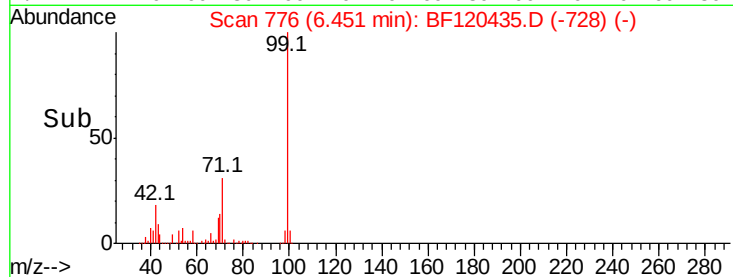
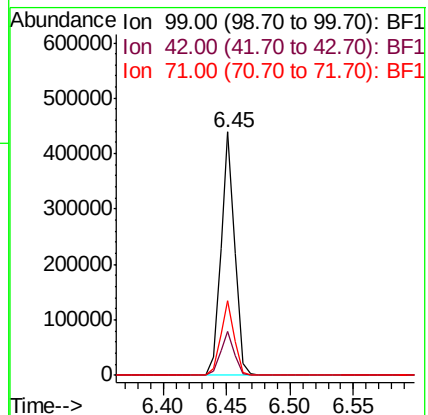
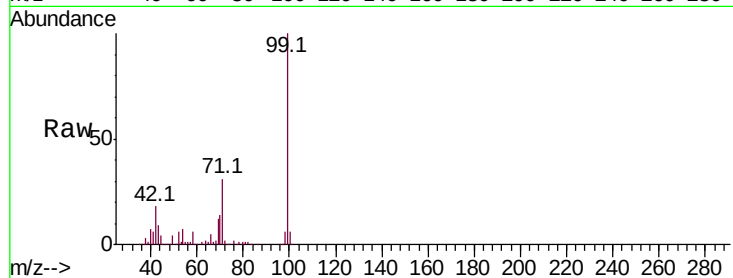
Tot Ion: 99 Resp: 336819

Ion Ratio Lower Upper

99 100

42 18.1 15.2 22.8

71 30.8 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 2.044 ng

RT: 7.39 min Scan# 936

Delta R.T. 0.14 min

Lab File: BF120435.D

Acq: 29 May 2020 13:28

Tgt Ion: 70 Resp: 27287

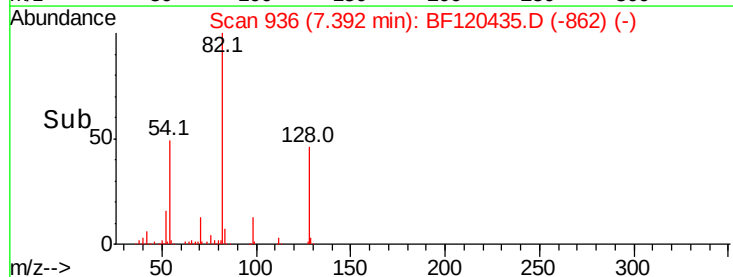
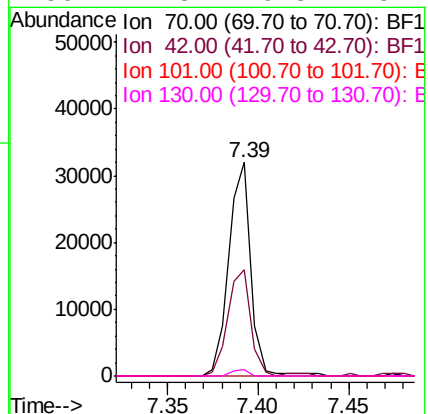
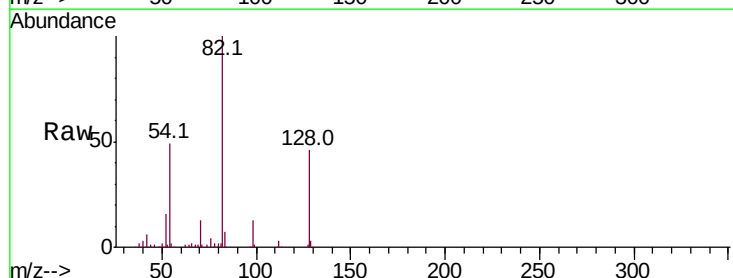
Ion Ratio Lower Upper

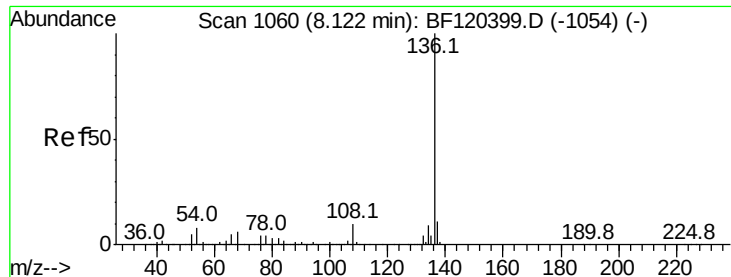
70 100

42 50.0 48.9 73.3

101 0.0 7.4 11.2#

130 2.8 16.8 25.2#

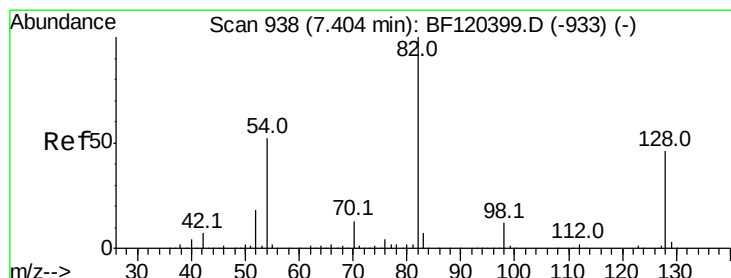
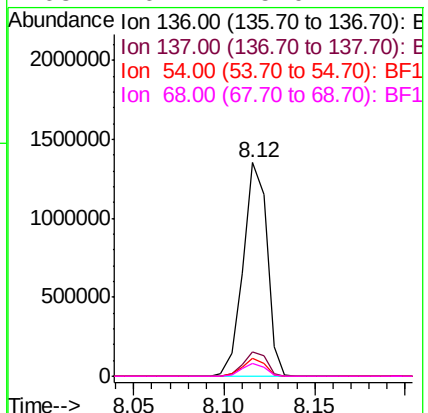
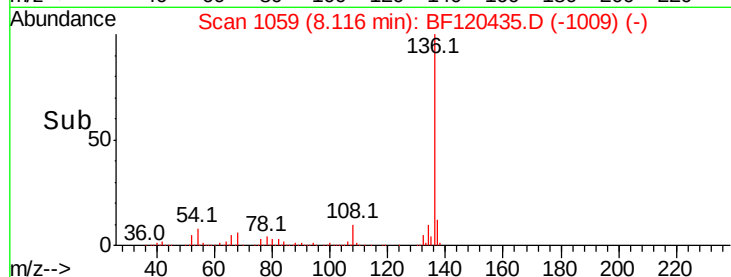
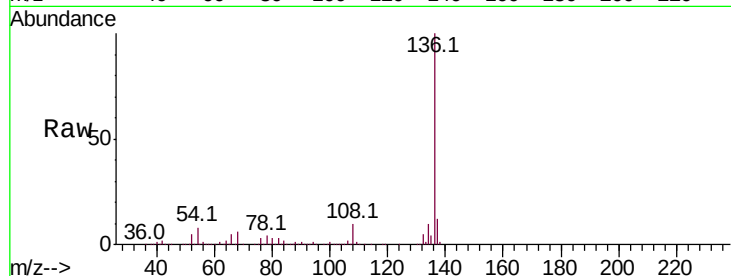




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF120435.D
Acq: 29 May 2020 13:28

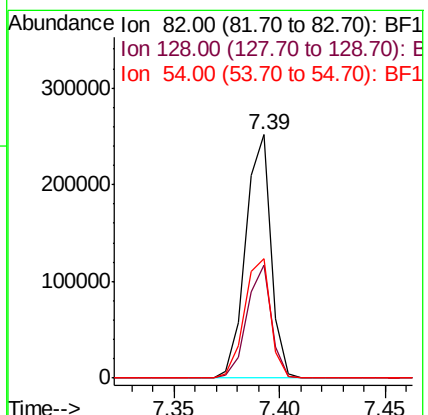
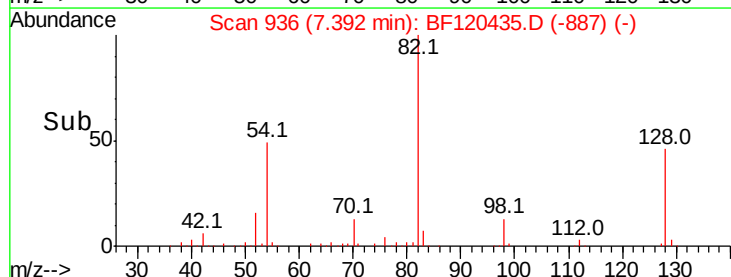
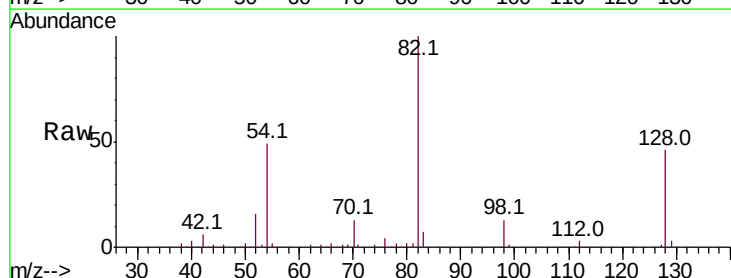
Instrument :
BNA_F
ClientSampleId :
OK-03-052220

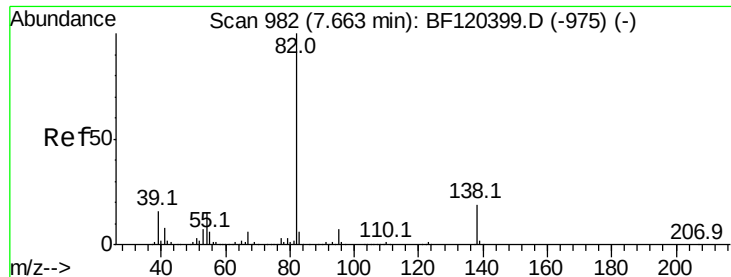
Tot Ion:	136	Resp:	1242843
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	8.2	6.7	10.1
68	6.2	5.0	7.4



#23
Nitrobenzene-d5
Concen: 11.010 ng
RT: 7.39 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF120435.D
Acq: 29 May 2020 13:28

Tgt Ion:	82	Resp:	209192
Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.8	55.2
54	49.1	41.6	62.4





#25

Isophorone

Concen: 5.475 ng

RT: 7.39 min Scan# 936

Delta R.T. -0.27 min

Lab File: BF120435.D

Acq: 29 May 2020 13:28

Instrument :

BNA_F

ClientSampleId :

OK-03-052220

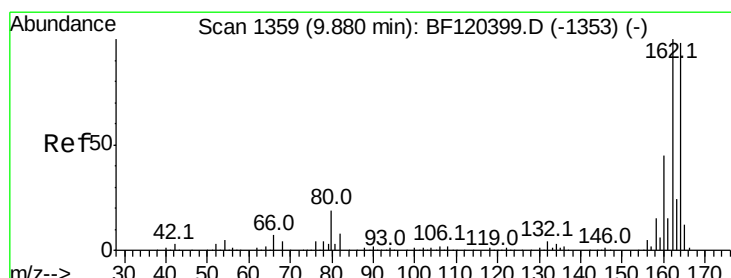
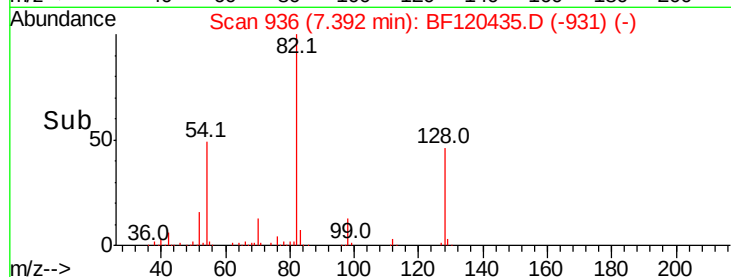
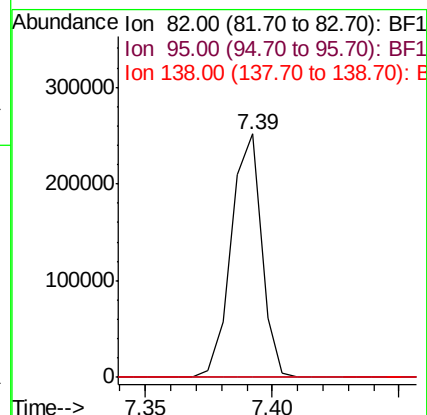
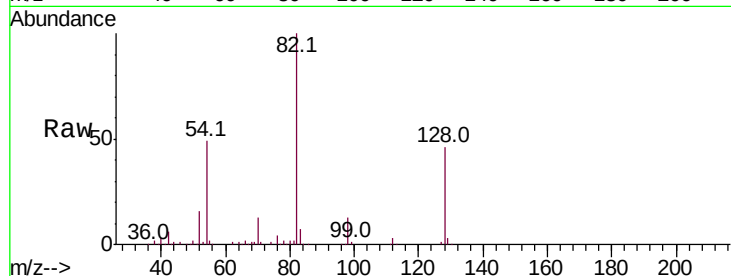
Tot Ion: 82 Resp: 209069

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 15.0 22.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1358

Delta R.T. -0.00 min

Lab File: BF120435.D

Acq: 29 May 2020 13:28

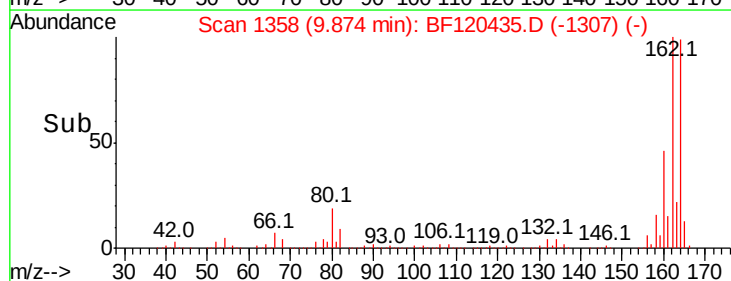
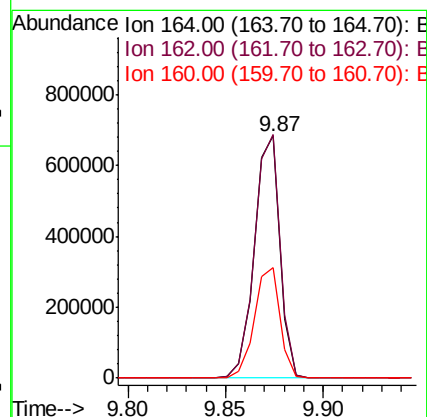
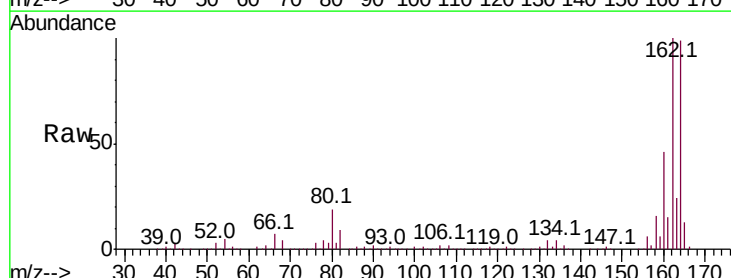
Tgt Ion: 164 Resp: 617060

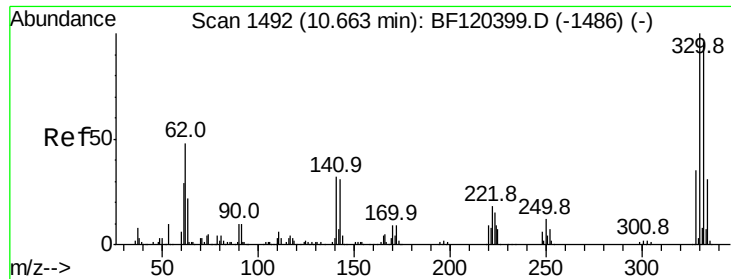
Ion Ratio Lower Upper

164 100

162 100.5 81.3 121.9

160 45.8 36.9 55.3

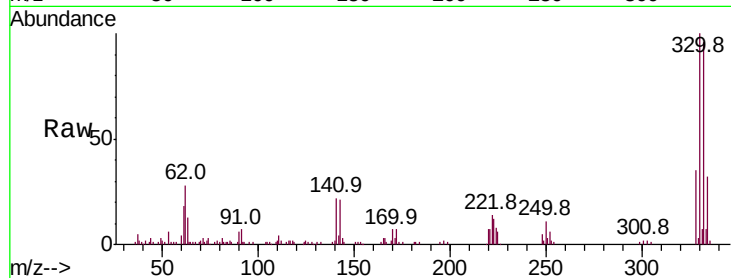




#42
 2,4,6-Tribromophenol
 Concen: 14.375 ng
 RT: 10.66 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF120435.D
 Acq: 29 May 2020 13:28

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-052220

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	31.8	25.3	37.9

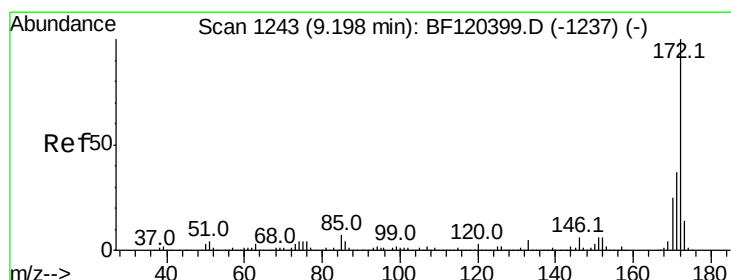
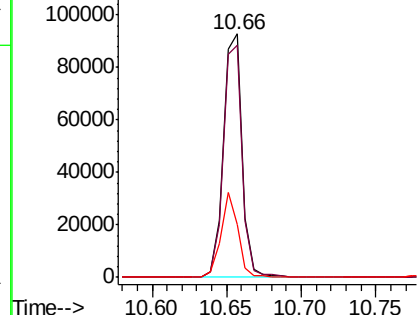
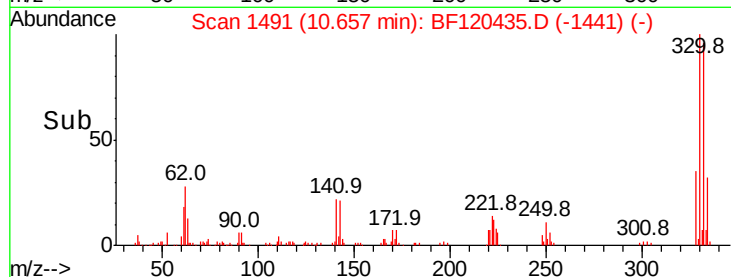


Abundance

Ion 329.80 (329.50 to 330.50): E

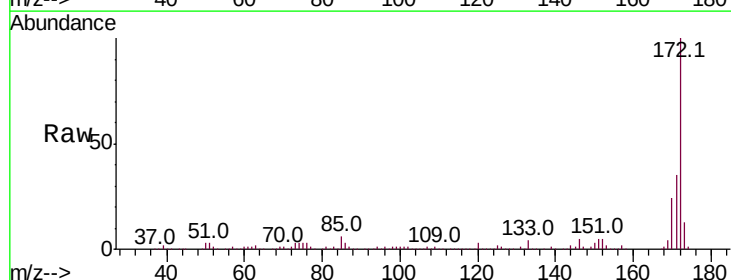
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 13.110 ng
 RT: 9.19 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF120435.D
 Acq: 29 May 2020 13:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	23.8	19.9	29.9

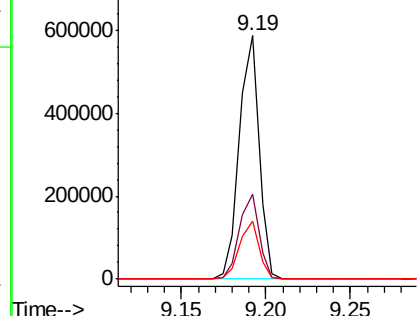
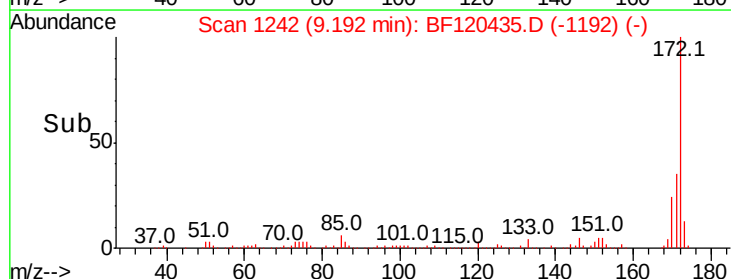


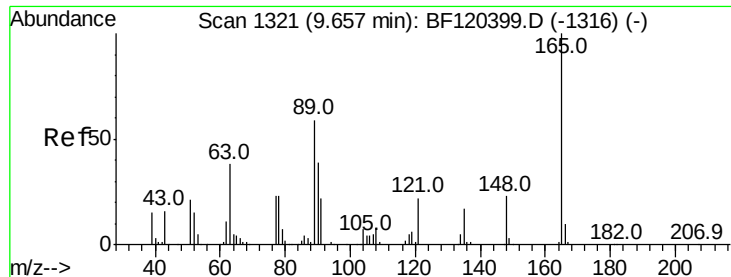
Abundance

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

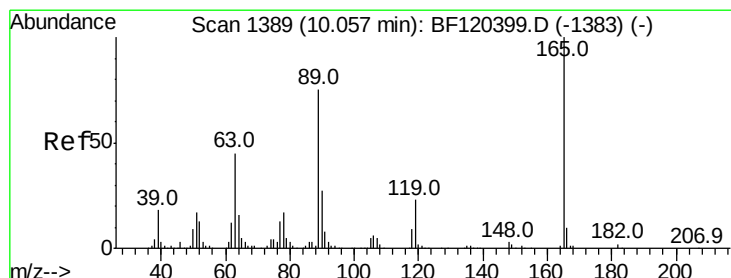
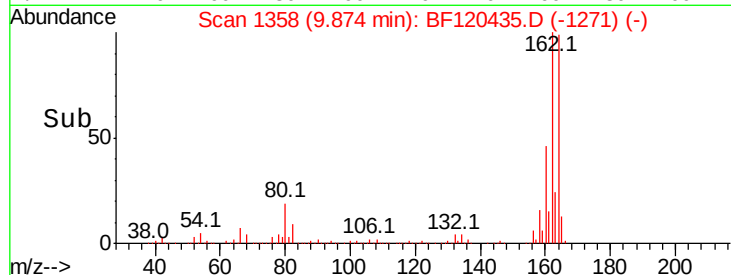
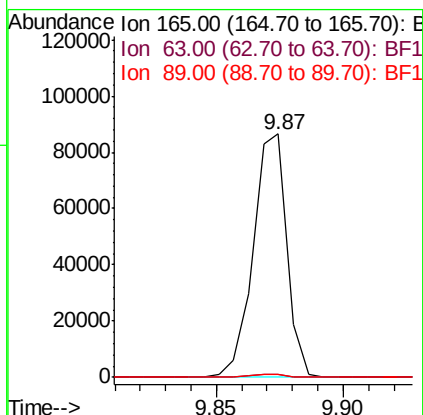
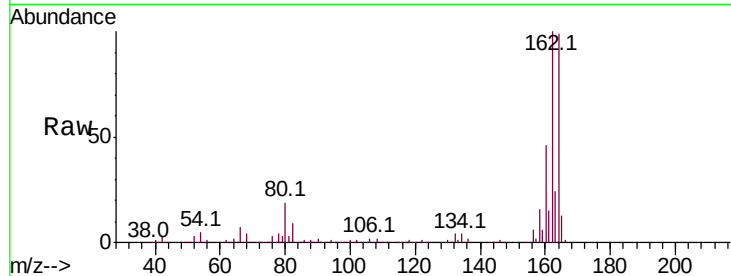




#51
 2,6-Dinitrotoluene
 Concen: 9.297 ng
 RT: 9.87 min Scan# 1358
 Delta R.T. 0.21 min
 Lab File: BF120435.D
 Acq: 29 May 2020 13:28

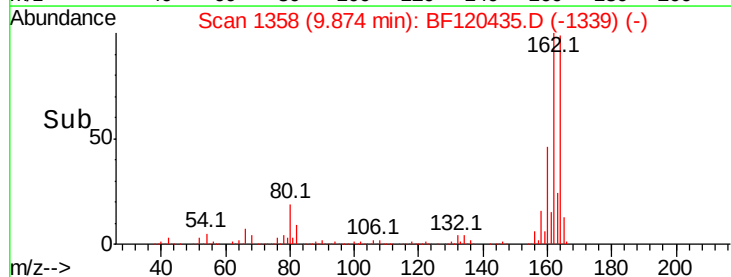
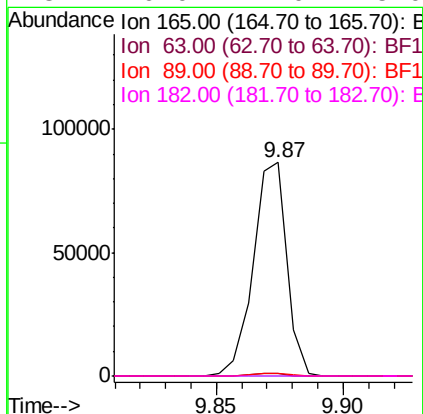
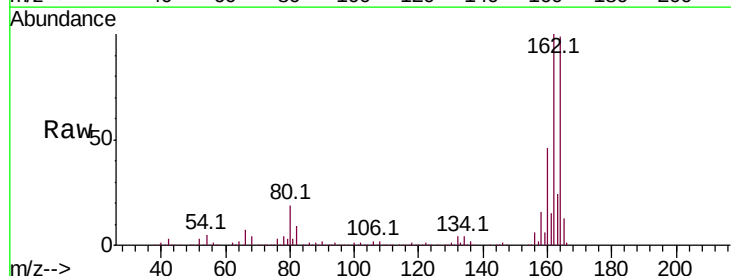
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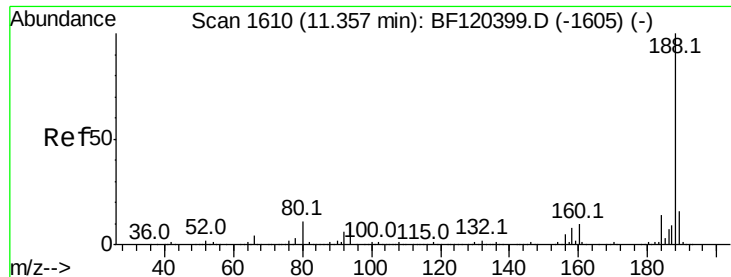
Tot Ion:165	Resp:	79704
Ion Ratio	Lower	Upper
165 100		
63 1.0	46.9	70.3#
89 1.4	47.5	71.3#



#57
 2,4-Dinitrotoluene
 Concen: 7.264 ng
 RT: 9.87 min Scan# 1358
 Delta R.T. -0.19 min
 Lab File: BF120435.D
 Acq: 29 May 2020 13:28

Tgt Ion:165	Resp:	79704
Ion Ratio	Lower	Upper
165 100		
63 1.0	35.9	53.9#
89 1.4	60.0	90.0#
182 0.0	2.0	3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BF120435.D

Acq: 29 May 2020 13:28

Instrument :

BNA_F

ClientSampleId :

OK-03-052220

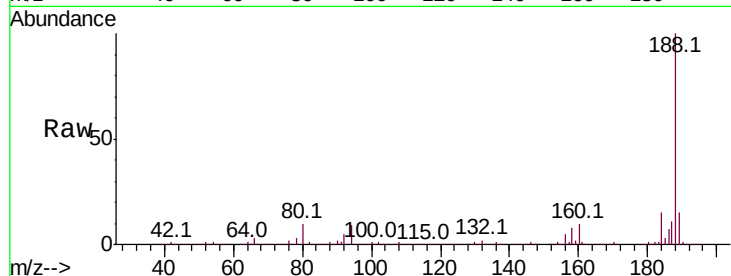
Tot Ion:188 Resp: 1019822

Ion Ratio Lower Upper

188 100

94 9.2 7.9 11.9

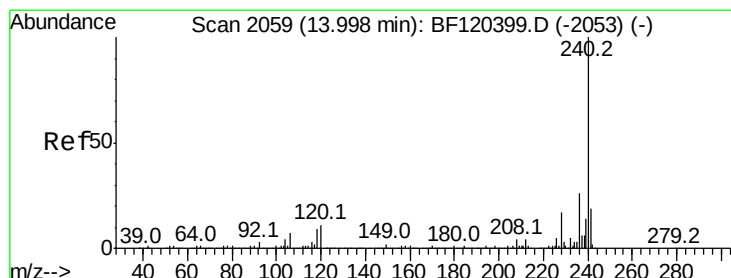
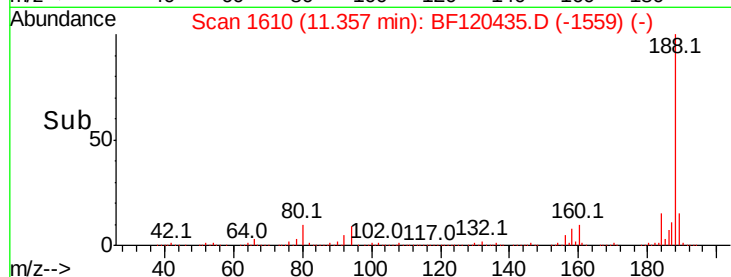
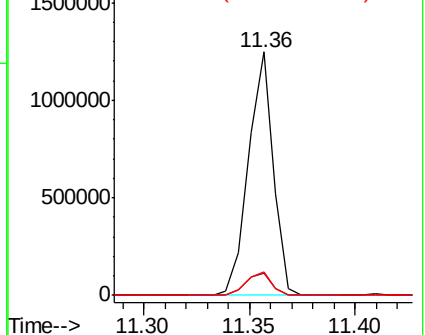
80 9.6 8.6 13.0



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

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BF120435.D

Acq: 29 May 2020 13:28

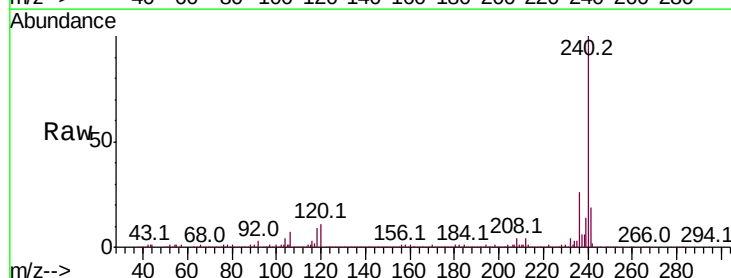
Tgt Ion:240 Resp: 619230

Ion Ratio Lower Upper

240 100

120 10.7 8.8 13.2

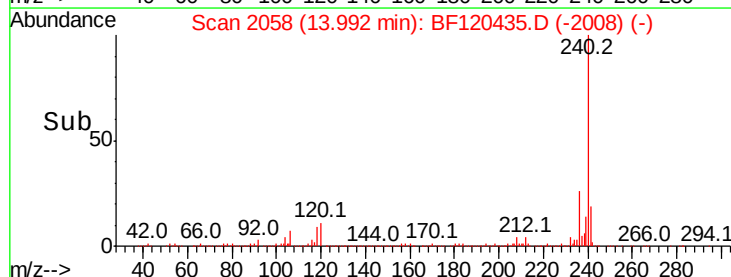
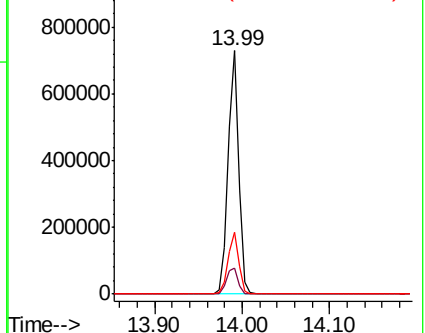
236 25.6 21.0 31.4

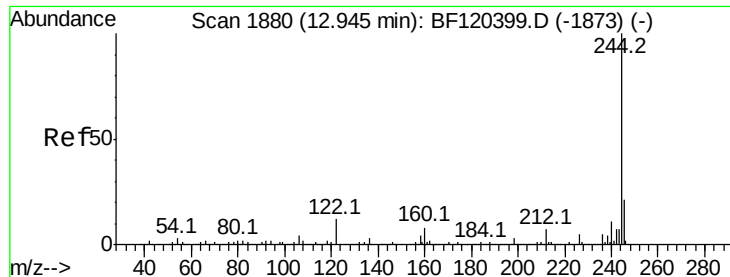


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 14.238 ng

RT: 12.94 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BF120435.D

Acq: 29 May 2020 13:28

Instrument :

BNA_F

ClientSampleId :

OK-03-052220

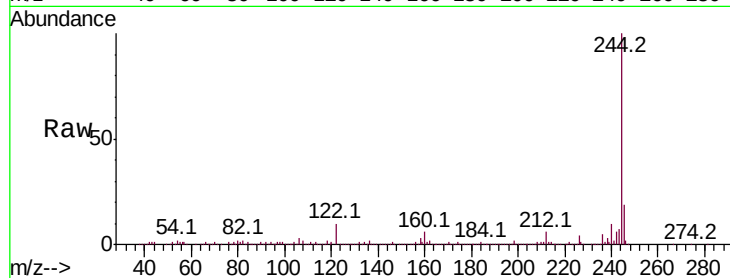
Tot Ion:244 Resp: 396208

Ion Ratio Lower Upper

244 100

212 6.2 5.9 8.9

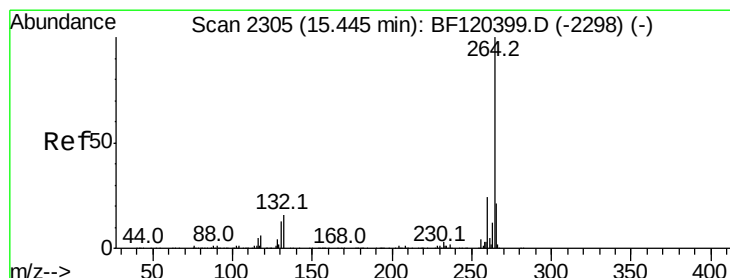
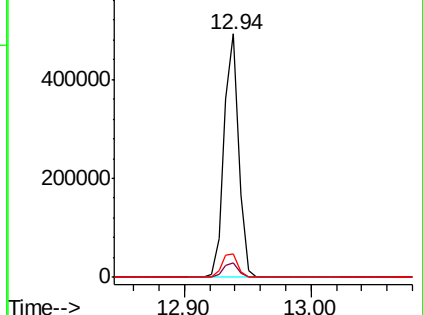
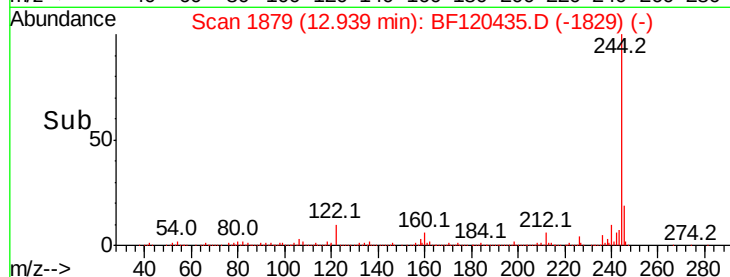
122 9.8 9.2 13.8



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BF120435.D

Acq: 29 May 2020 13:28

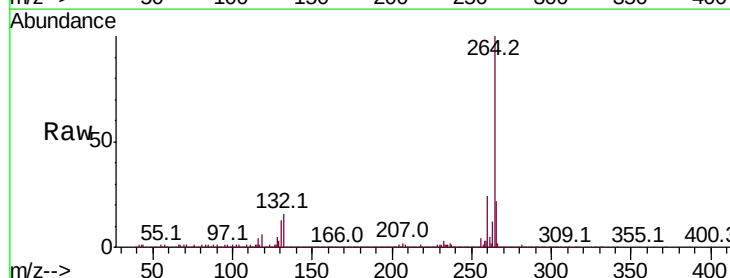
Tgt Ion:264 Resp: 644286

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

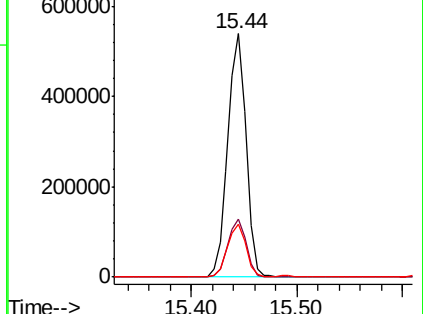
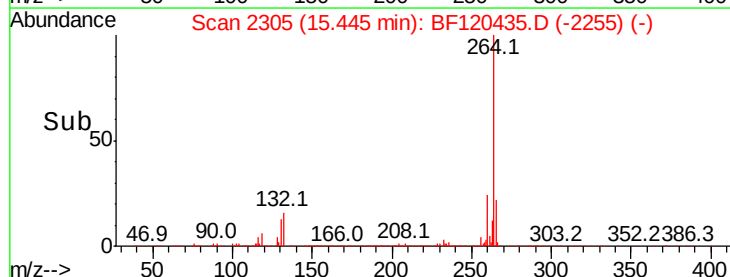
265 21.9 16.9 25.3

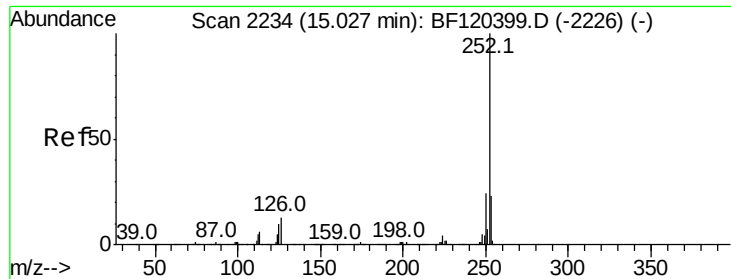


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

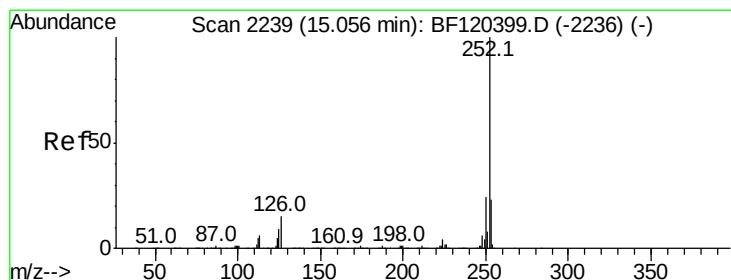
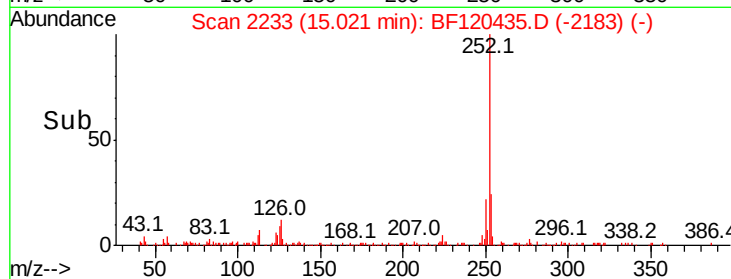
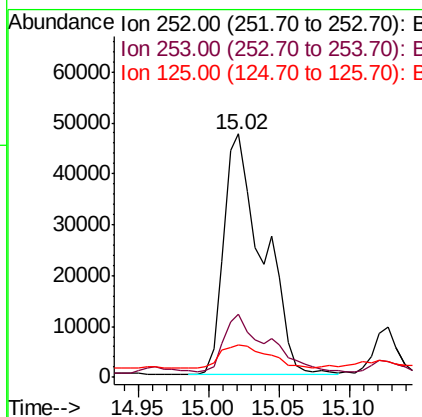
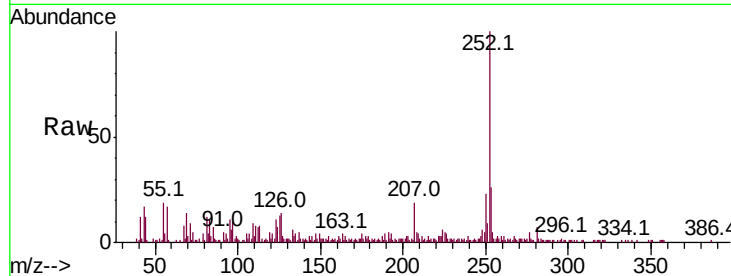




#88
Benzo(b)fluoranthene
Concen: 2.559 ng
RT: 15.02 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF120435.D
Acq: 29 May 2020 13:28

Instrument :
BNA_F
ClientSampleId :
OK-03-052220

Tot Ion:252 Resp: 91580
Ion Ratio Lower Upper
252 100
253 26.0 18.1 27.1
125 13.3 7.8 11.8#



#89
Benzo(k)fluoranthene
Concen: 2.741 ng
RT: 15.02 min Scan# 2233
Delta R.T. -0.04 min
Lab File: BF120435.D
Acq: 29 May 2020 13:28

Tgt Ion:252 Resp: 91580
Ion Ratio Lower Upper
252 100
253 26.0 18.5 27.7
125 13.3 8.0 12.0#

