

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120621\
 Data File : BN017758.D
 Acq On : 07 Dec 2021 09:10
 Operator : CG/JU
 Sample : M4931-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW9-GW-948-950

Quant Time: Dec 07 16:03:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 06 15:58:05 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

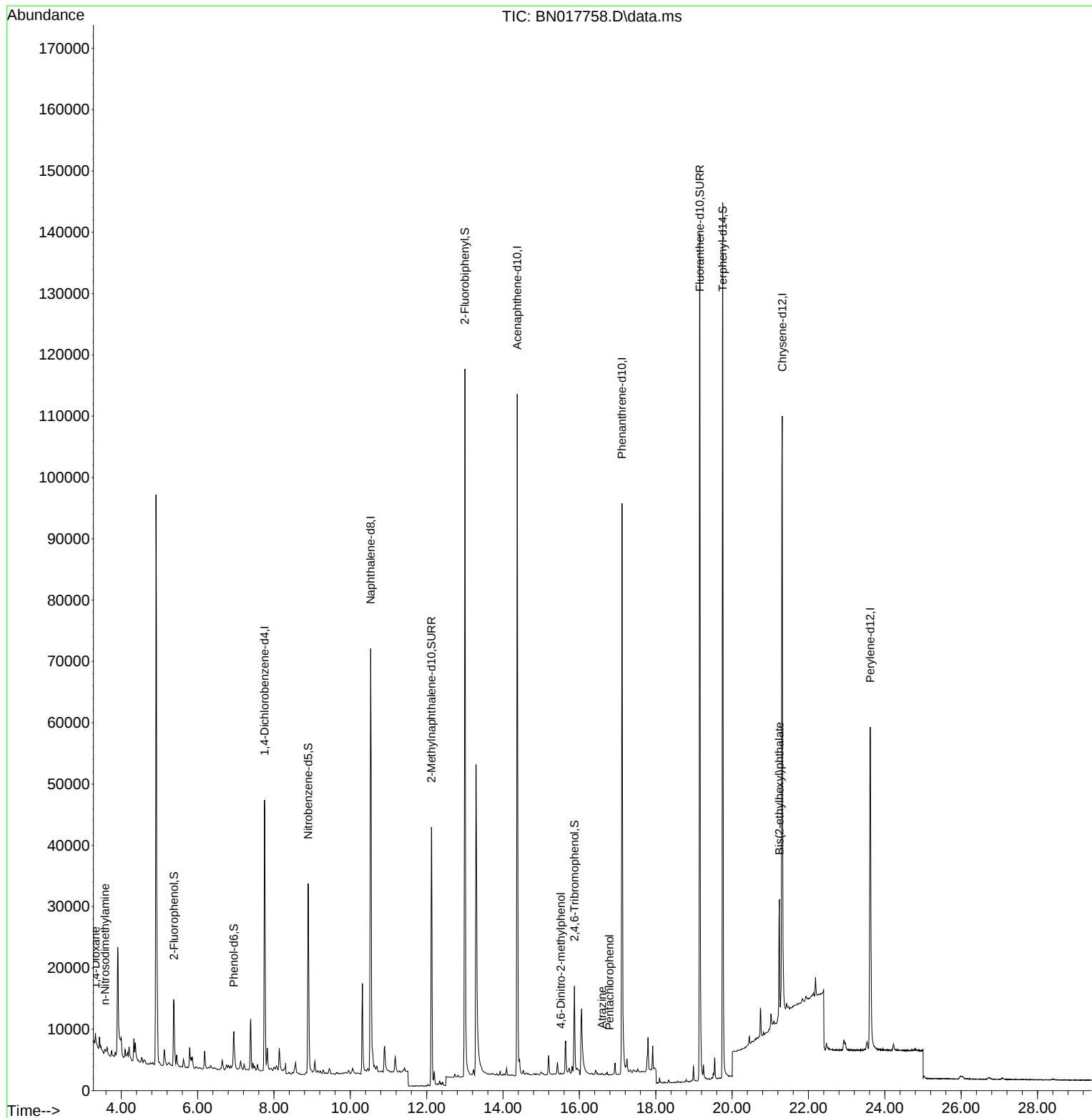
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	24844	0.400	ng	0.00
7) Naphthalene-d8	10.532	136	101695	0.400	ng	# 0.00
13) Acenaphthene-d10	14.373	164	63865	0.400	ng	0.00
19) Phenanthrene-d10	17.117	188	135461	0.400	ng	0.00
29) Chrysene-d12	21.314	240	115603	0.400	ng	0.01
35) Perylene-d12	23.620	264	81232	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.382	112	10649	0.200	ng	0.03
5) Phenol-d6	6.949	99	6378	0.112	ng	0.02
8) Nitrobenzene-d5	8.897	82	29056	0.423	ng	0.00
11) 2-Methylnaphthalene-d10	12.125	152	62439	0.335	ng	0.00
14) 2,4,6-Tribromophenol	15.870	330	14358	0.496	ng	0.00
15) 2-Fluorobiphenyl	13.002	172	102720	0.434	ng	0.00
27) Fluoranthene-d10	19.154	212	177750	0.390	ng	0.00
31) Terphenyl-d14	19.755	244	155809	0.525	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.326	88	393	0.024	ng	# 27
3) n-Nitrosodimethylamine	3.575	42	744	0.032	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.514	198	12	0.112	ng	# 1
23) Atrazine	16.593	200	127	0.100	ng	# 10
24) Pentachlorophenol	16.788	266	29	0.161	ng	# 21
34) Bis(2-ethylhexyl)phtha...	21.240	149	20932	0.115	ng	# 93

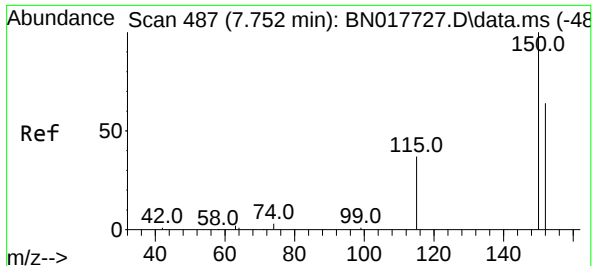
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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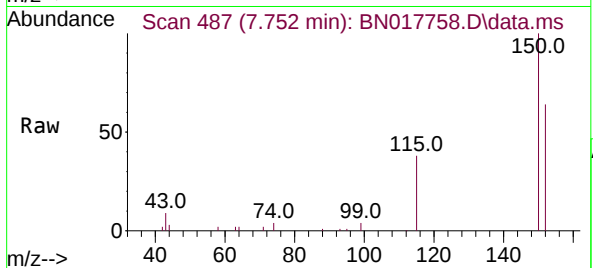
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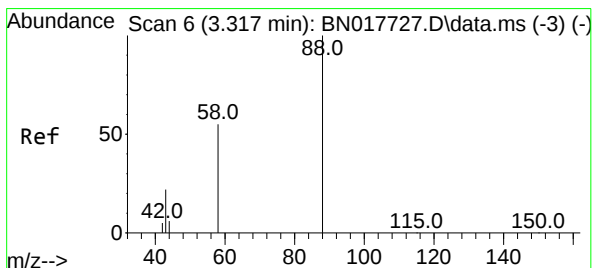
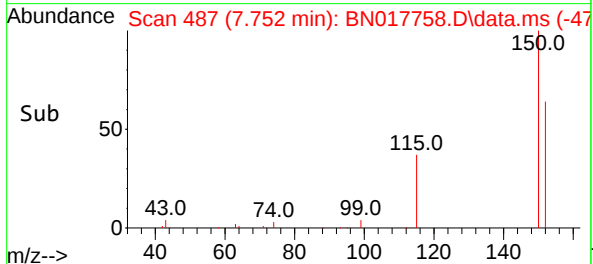
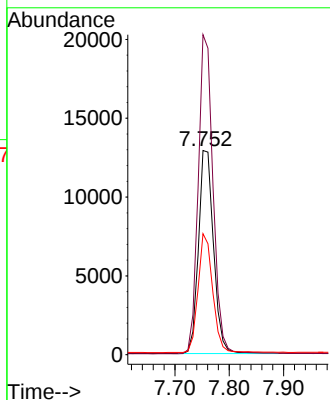


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.752 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: BN017758.D
 Acq: 07 Dec 2021 09:10

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW9-GW-948-950

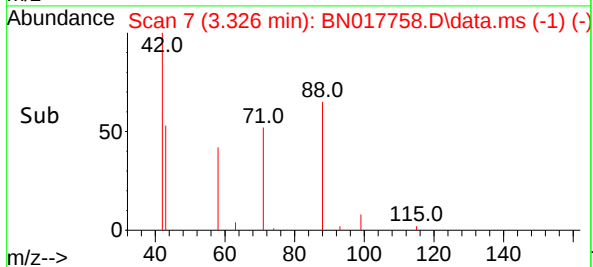
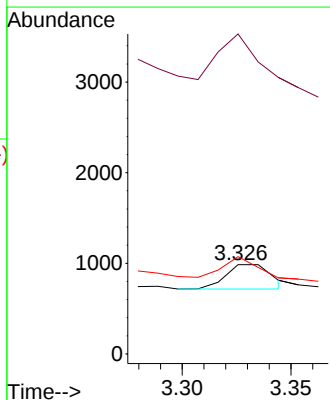
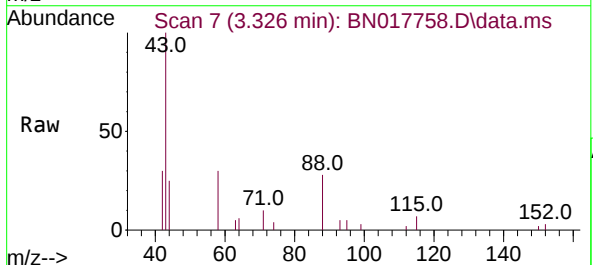


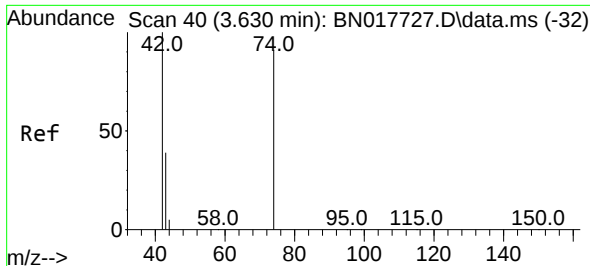
Tgt Ion:152 Resp: 24844
 Ion Ratio Lower Upper
 152 100
 150 156.7 123.0 184.4
 115 59.3 45.6 68.4



#2
 1,4-Dioxane
 Concen: 0.024 ng
 RT: 3.326 min Scan# 7
 Delta R.T. 0.009 min
 Lab File: BN017758.D
 Acq: 07 Dec 2021 09:10

Tgt Ion: 88 Resp: 393
 Ion Ratio Lower Upper
 88 100
 43 145.0 24.7 37.1#
 58 61.3 63.0 94.6#

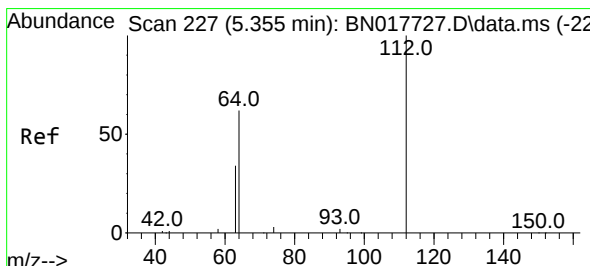
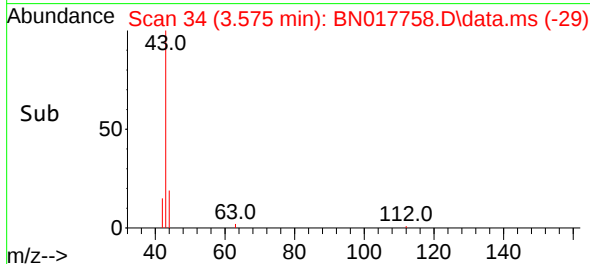
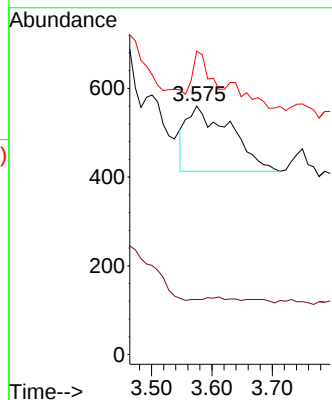
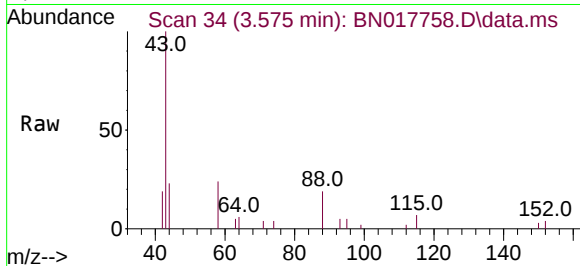




#3
n-Nitrosodimethylamine
Concen: 0.032 ng
RT: 3.575 min Scan# 34
Delta R.T. -0.056 min
Lab File: BN017758.D
Acq: 07 Dec 2021 09:10

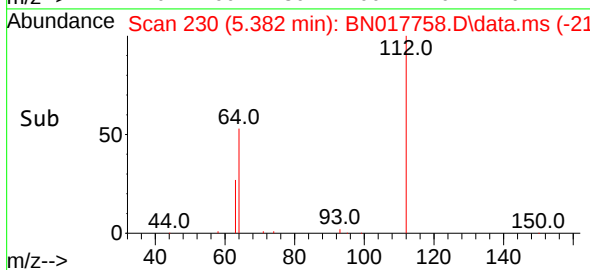
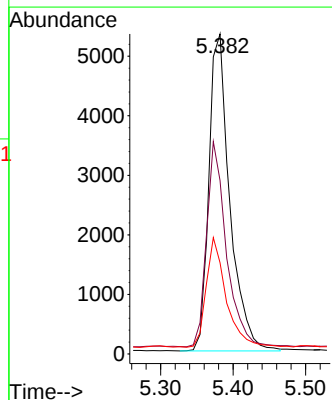
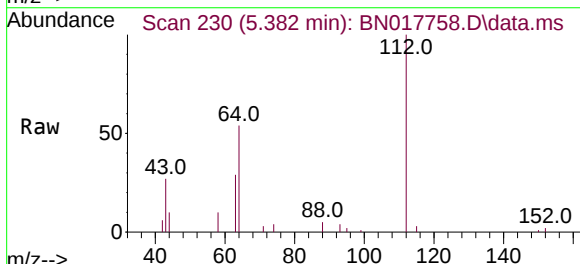
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-948-950

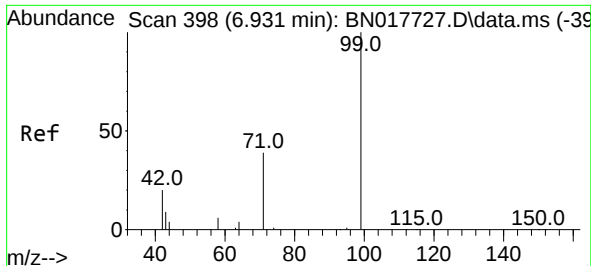
Tgt Ion: 42 Resp: 744
Ion Ratio Lower Upper
42 100
74 0.0 97.8 146.6#
44 22.8 5.5 8.3#



#4
2-Fluorophenol
Concen: 0.200 ng
RT: 5.382 min Scan# 230
Delta R.T. 0.027 min
Lab File: BN017758.D
Acq: 07 Dec 2021 09:10

Tgt Ion: 112 Resp: 10649
Ion Ratio Lower Upper
112 100
64 61.0 47.6 71.4
63 32.9 24.6 37.0

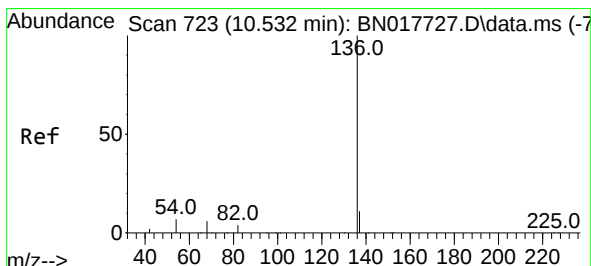
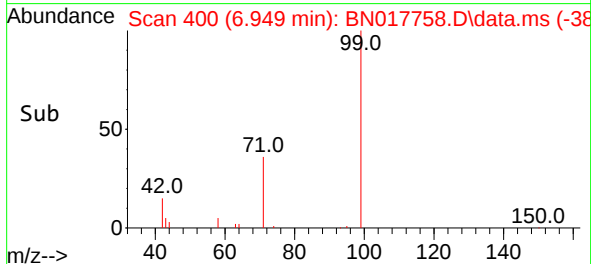
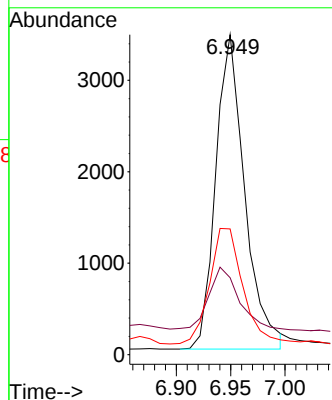
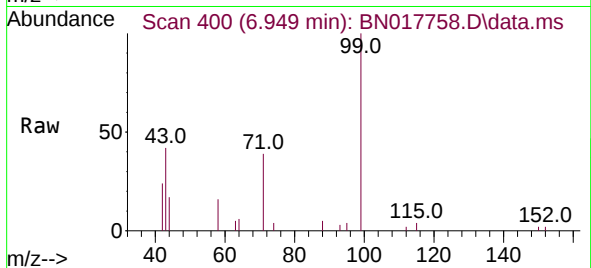




#5
Phenol-d6
Concen: 0.112 ng
RT: 6.949 min Scan# 40
Delta R.T. 0.018 min
Lab File: BN017758.D
Acq: 07 Dec 2021 09:10

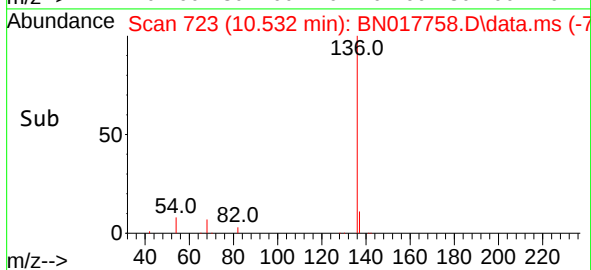
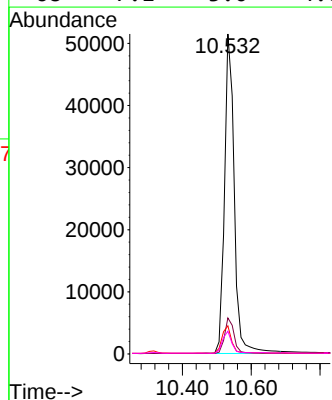
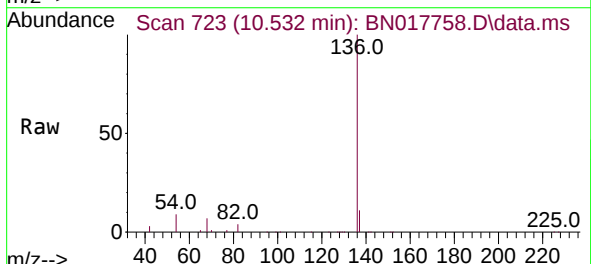
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-948-950

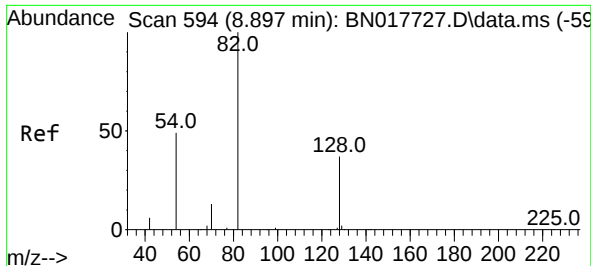
Tgt Ion: 99 Resp: 6378
Ion Ratio Lower Upper
99 100
42 20.1 17.0 25.6
71 41.8 24.8 37.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.532 min Scan# 723
Delta R.T. -0.000 min
Lab File: BN017758.D
Acq: 07 Dec 2021 09:10

Tgt Ion: 136 Resp: 101695
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.8 4.0 6.0#
68 7.1 3.0 4.6#

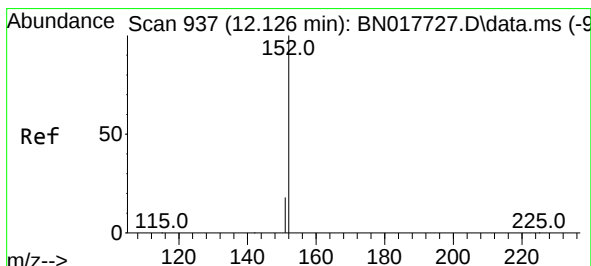
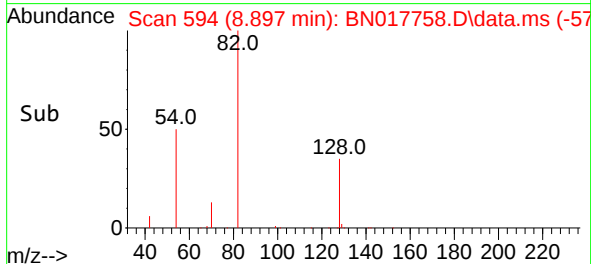
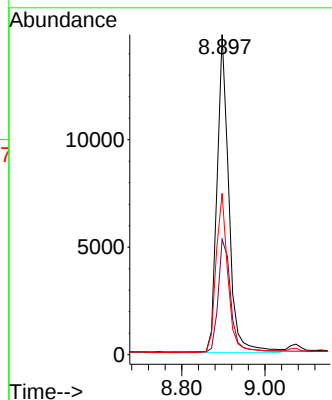
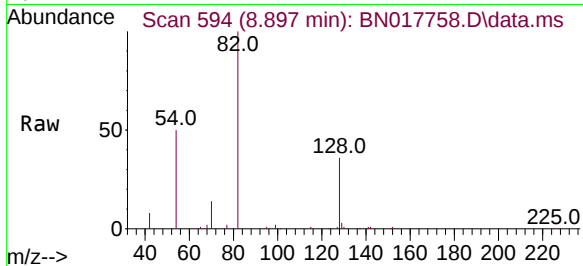




#8
Nitrobenzene-d5
Concen: 0.423 ng
RT: 8.897 min Scan# 594
Delta R.T. -0.000 min
Lab File: BN017758.D
Acq: 07 Dec 2021 09:10

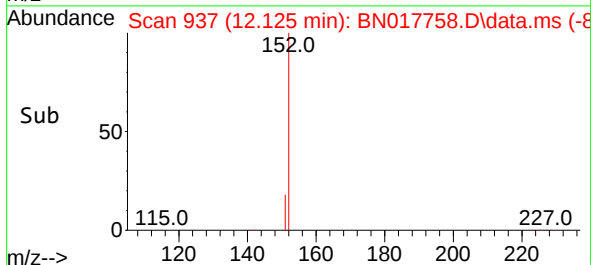
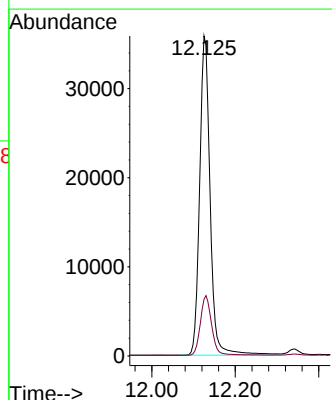
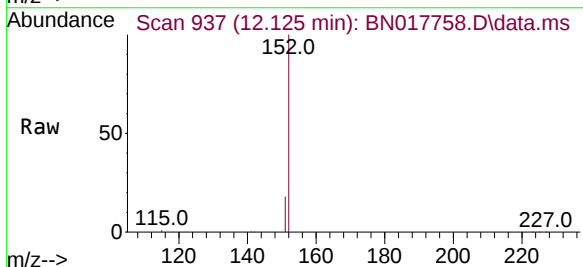
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-948-950

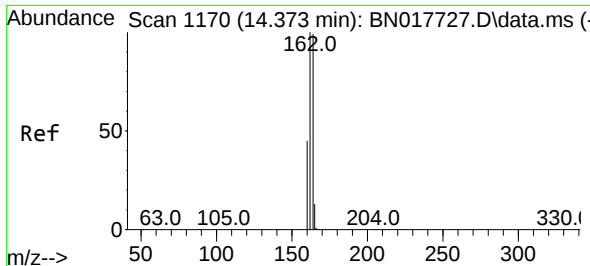
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.0	27.7	41.5
54	50.4	49.2	73.8



#11
2-Methylnaphthalene-d10
Concen: 0.335 ng
RT: 12.125 min Scan# 937
Delta R.T. -0.000 min
Lab File: BN017758.D
Acq: 07 Dec 2021 09:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.4

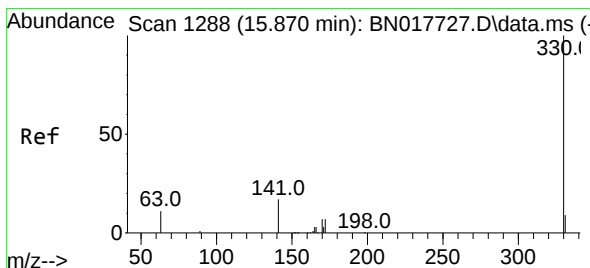
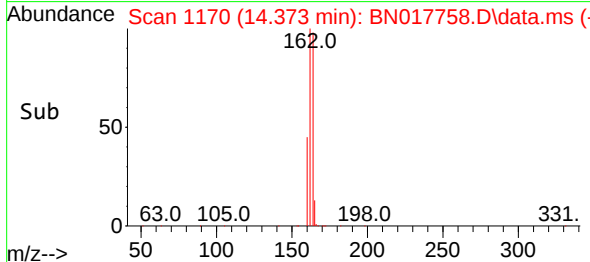
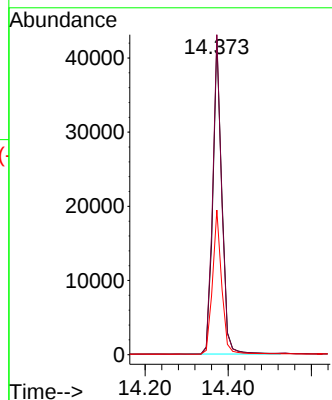
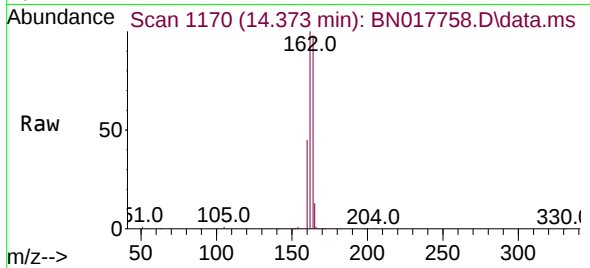




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.373 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BN017758.D
Acq: 07 Dec 2021 09:10

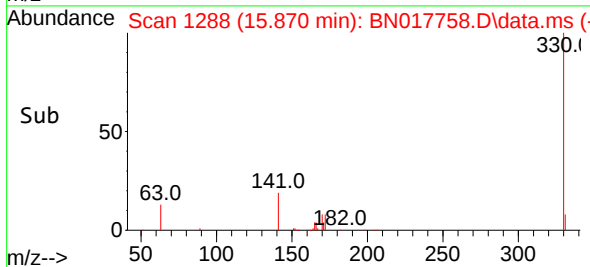
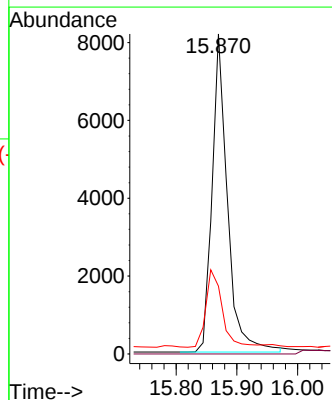
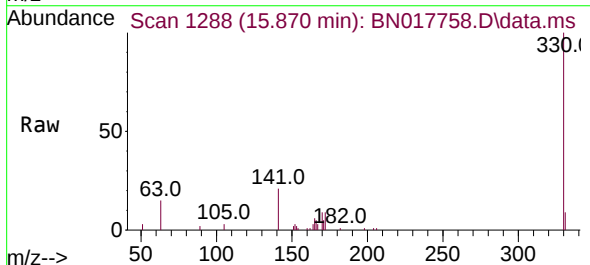
Instrument :
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BP-VPB-RW9-GW-948-950

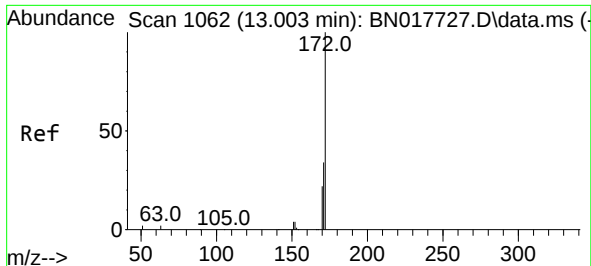
Tgt Ion:164 Resp: 63865
Ion Ratio Lower Upper
164 100
162 101.6 81.4 122.2
160 45.9 36.8 55.2



#14
2,4,6-Tribromophenol
Concen: 0.496 ng
RT: 15.870 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BN017758.D
Acq: 07 Dec 2021 09:10

Tgt Ion:330 Resp: 14358
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 26.7 28.9 43.3#

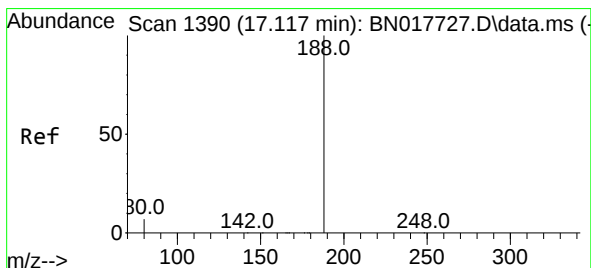
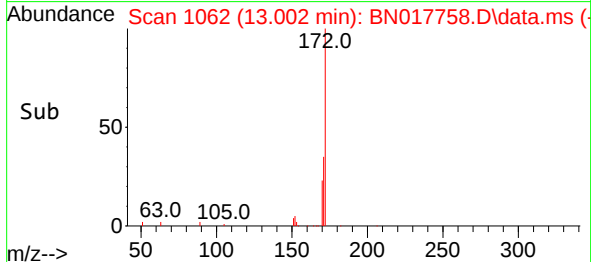
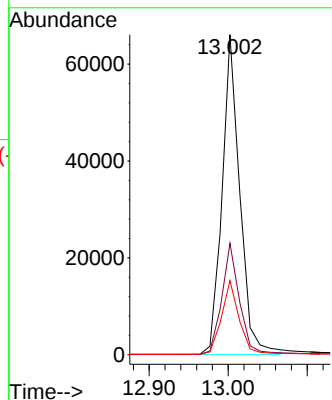
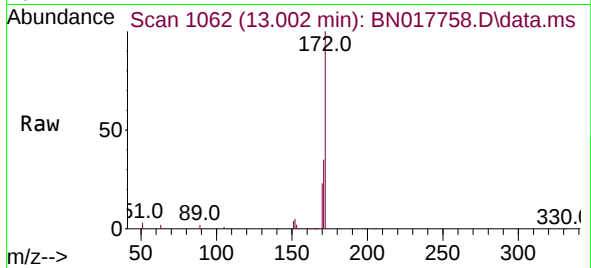




#15
2-Fluorobiphenyl
Concen: 0.434 ng
RT: 13.002 min Scan# 1062
Delta R.T. -0.000 min
Lab File: BN017758.D
Acq: 07 Dec 2021 09:10

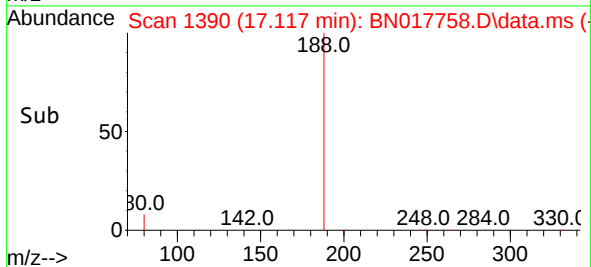
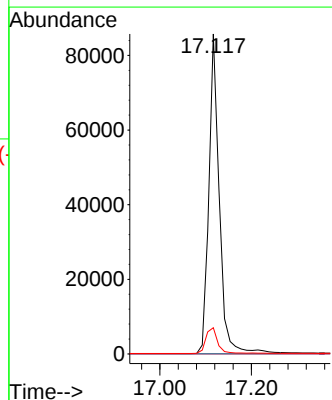
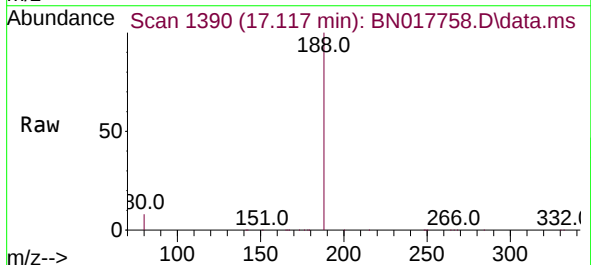
Instrument :
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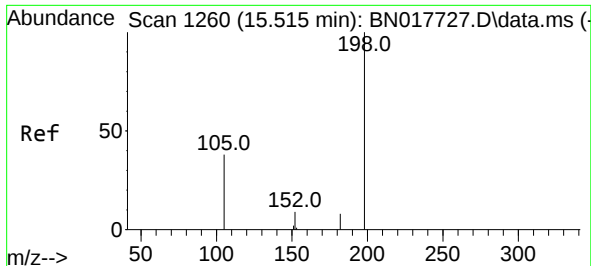
Tgt Ion:172 Resp: 102720
Ion Ratio Lower Upper
172 100
171 34.8 28.7 43.1
170 23.1 19.4 29.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.117 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BN017758.D
Acq: 07 Dec 2021 09:10

Tgt Ion:188 Resp: 135461
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 6.1 9.1





#20

4,6-Dinitro-2-methylphenol

Concen: 0.112 ng

RT: 15.514 min Scan# 11

Delta R.T. -0.001 min

Lab File: BN017758.D

Acq: 07 Dec 2021 09:10

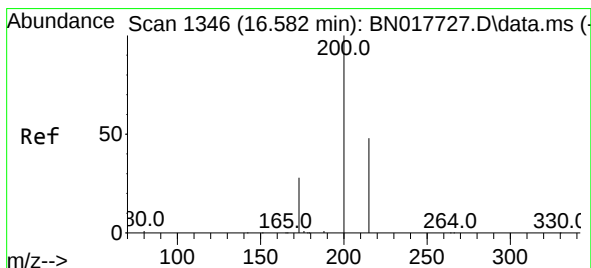
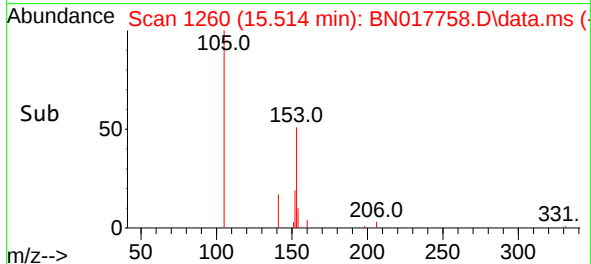
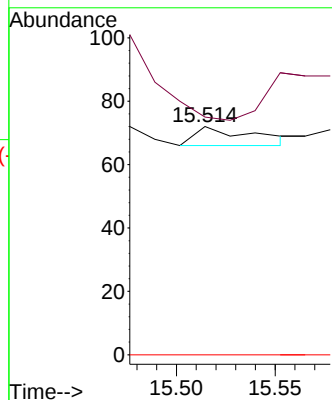
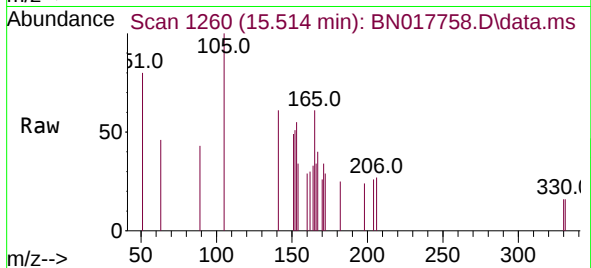
Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW9-GW-948-950

Tgt Ion:	198	Resp:	12
Ion	Ratio	Lower	Upper
198	100		
182	104.2	11.4	17.2#
77	0.0	0.0	0.0



#23

Atrazine

Concen: 0.100 ng

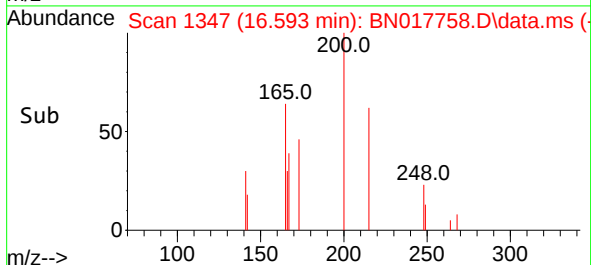
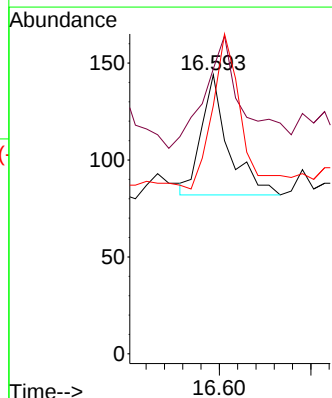
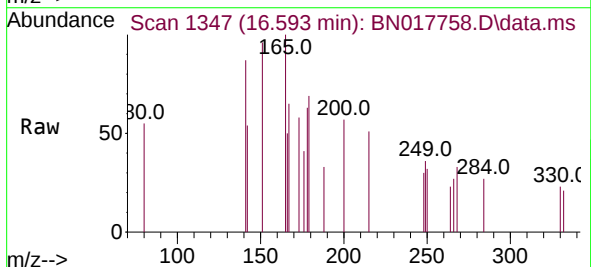
RT: 16.593 min Scan# 1347

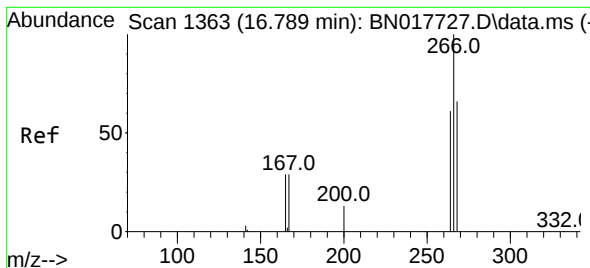
Delta R.T. 0.011 min

Lab File: BN017758.D

Acq: 07 Dec 2021 09:10

Tgt Ion:	200	Resp:	127
Ion	Ratio	Lower	Upper
200	100		
173	102.1	17.6	26.4#
215	88.9	40.2	60.4#





#24

Pentachlorophenol

Concen: 0.161 ng

RT: 16.788 min Scan# 1363

Delta R.T. -0.001 min

Lab File: BN017758.D

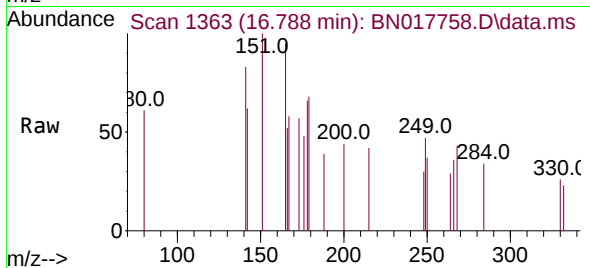
Acq: 07 Dec 2021 09:10

Instrument :

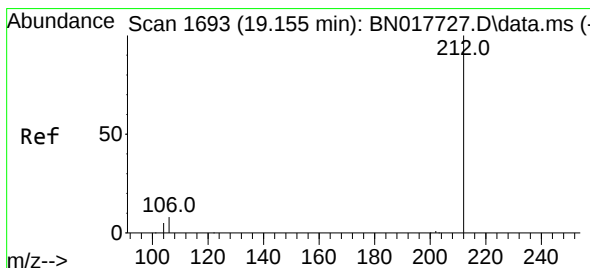
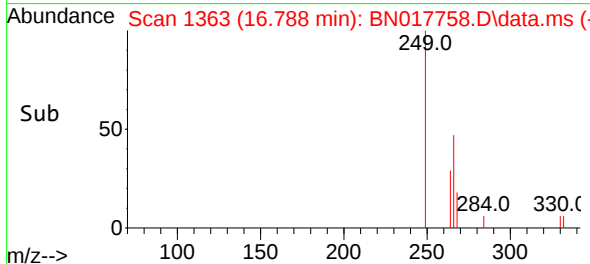
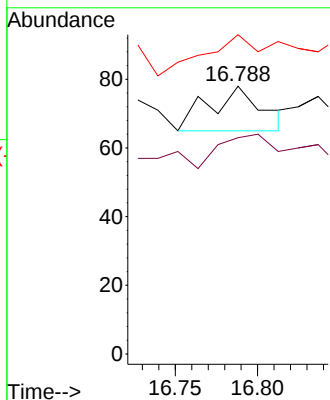
BNA_N

ClientSampleId :

BP-VPB-RW9-GW-948-950



Tgt Ion:	266	Resp:	29
Ion Ratio	Lower	Upper	
266	100		
264	93.1	49.8	74.8#
268	155.2	51.3	76.9#



#27

Fluoranthene-d10

Concen: 0.390 ng

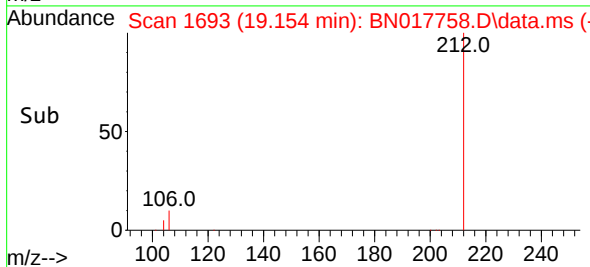
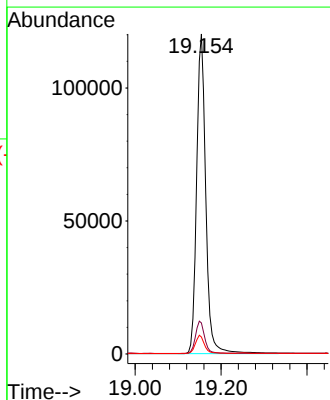
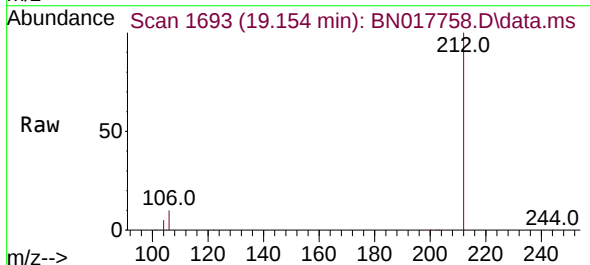
RT: 19.154 min Scan# 1693

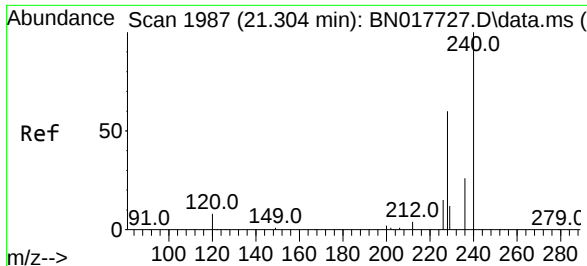
Delta R.T. -0.000 min

Lab File: BN017758.D

Acq: 07 Dec 2021 09:10

Tgt Ion:	212	Resp:	177750
Ion Ratio	Lower	Upper	
212	100		
106	10.2	10.5	15.7#
104	5.6	5.8	8.6#

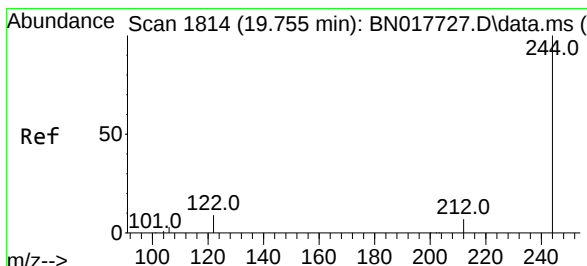
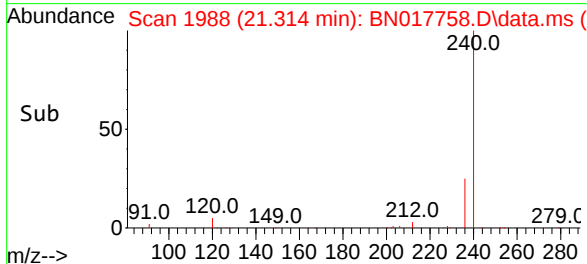
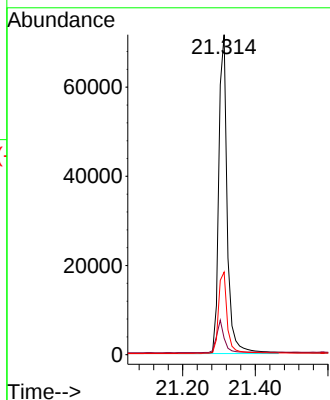
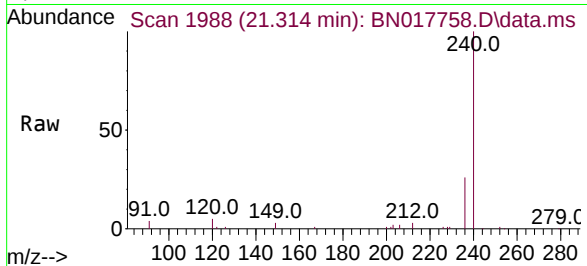




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.314 min Scan# 1988
Delta R.T. 0.010 min
Lab File: BN017758.D
Acq: 07 Dec 2021 09:10

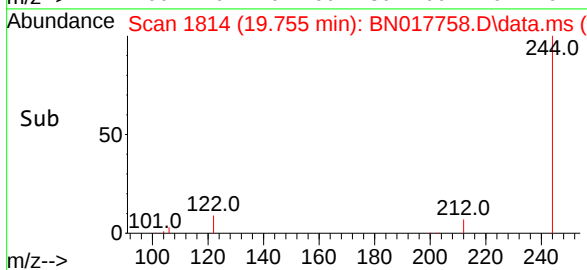
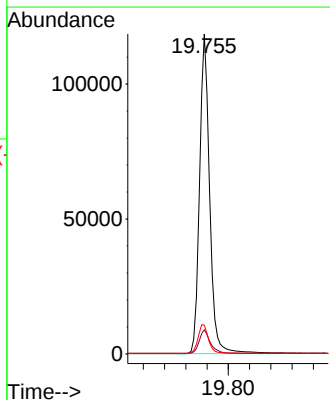
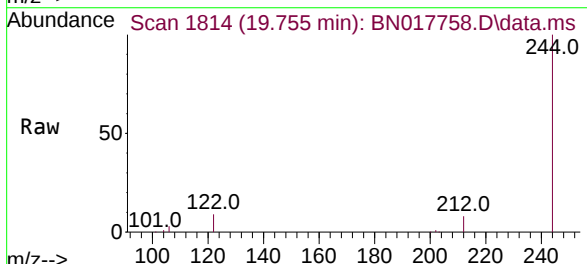
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-948-950

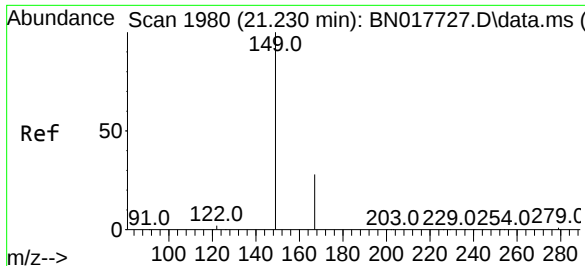
Tgt Ion:240 Resp: 115603
Ion Ratio Lower Upper
240 100
120 5.2 4.2 6.2
236 25.8 20.0 30.0



#31
Terphenyl-d14
Concen: 0.525 ng
RT: 19.755 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BN017758.D
Acq: 07 Dec 2021 09:10

Tgt Ion:244 Resp: 155809
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 9.0 8.6 13.0

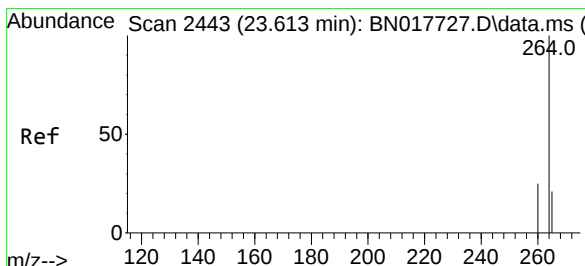
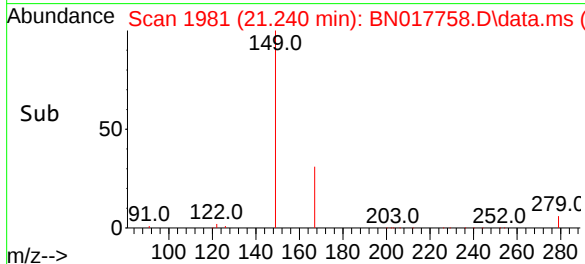
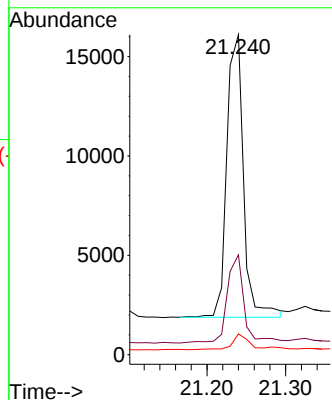
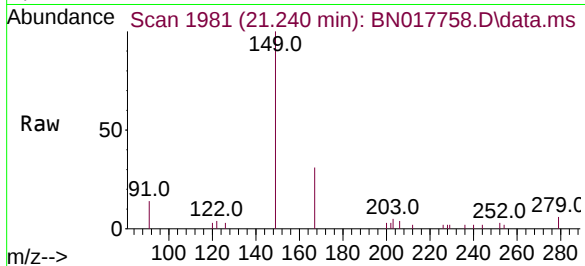




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.115 ng
RT: 21.240 min Scan# 1980
Delta R.T. 0.010 min
Lab File: BN017758.D
Acq: 07 Dec 2021 09:10

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-948-950

Tgt Ion:149 Resp: 20932
Ion Ratio Lower Upper
149 100
167 31.4 21.8 32.6
279 5.4 3.4 5.0#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.620 min Scan# 2445
Delta R.T. 0.006 min
Lab File: BN017758.D
Acq: 07 Dec 2021 09:10

Tgt Ion:264 Resp: 81232
Ion Ratio Lower Upper
264 100
260 24.7 19.4 29.2
265 30.2 18.6 28.0#

