

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020921\
 Data File : BN013608.D
 Acq On : 09 Feb 2021 18:04
 Operator : CG/JU
 Sample : M1335-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-VPB-RW6-GW-278-280

Quant Time: Feb 10 01:47:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 08 15:13:18 2021
 Response via : Initial Calibration

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

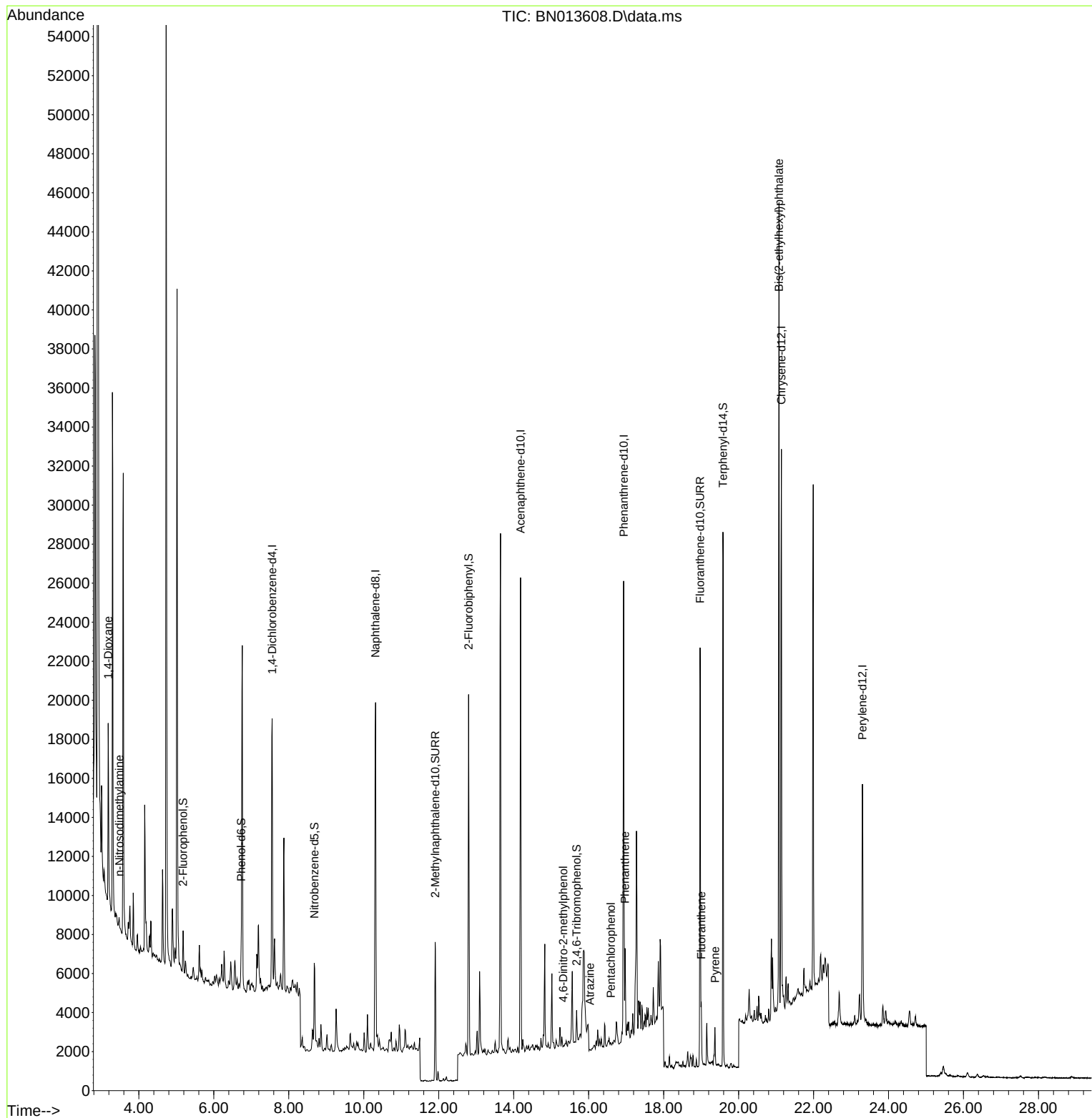
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	6362	0.40	ng	0.00
7) Naphthalene-d8	10.315	136	25064	0.40	ng	# 0.00
13) Acenaphthene-d10	14.181	164	13077	0.40	ng	0.00
19) Phenanthrene-d10	16.933	188	29551	0.40	ng	# 0.00
29) Chrysene-d12	21.141	240	28006	0.40	ng	# 0.00
36) Perylene-d12	23.305	264	16118	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.180	112	1613	0.12	ng	0.00
5) Phenol-d6	6.734	99	1259	0.07	ng	0.00
8) Nitrobenzene-d5	8.680	82	3993	0.29	ng	-0.01
11) 2-Methylnaphthalene-d10	11.906	152	9537	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.678	330	1085	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.798	172	15526	0.32	ng	0.00
27) Fluoranthene-d10	18.972	212	23735	0.30	ng	0.00
31) Terphenyl-d14	19.583	244	26895	0.43	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.182	88	5473	0.77	ng	# 87
3) n-Nitrosodimethylamine	3.480	42	135	0.03	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.323	198	9	0.15	ng	# 1
23) Atrazine	16.033	200	221	0.02	ng	# 1
24) Pentachlorophenol	16.592	266	47	0.21	ng	# 82
25) Phenanthrene	16.970	178	5017	0.06	ng	97
28) Fluoranthene	19.007	202	2604	0.03	ng	# 96
30) Pyrene	19.369	202	1699	0.02	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.077	149	35501	1.61	ng	99

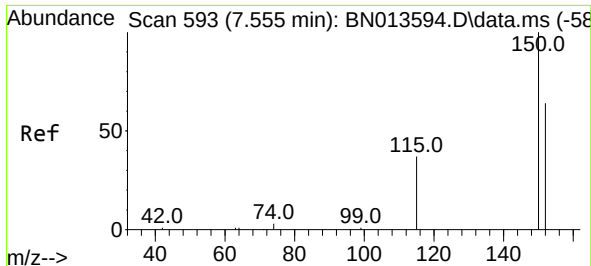
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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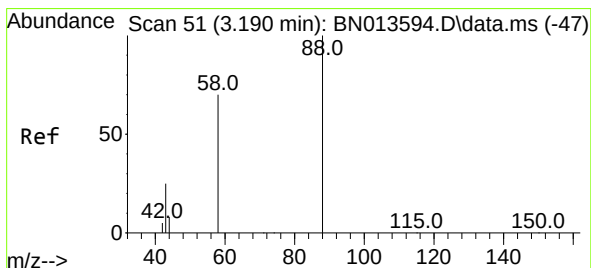
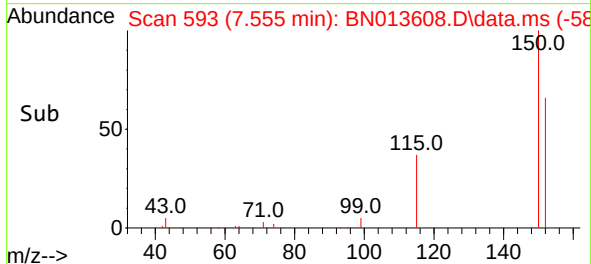
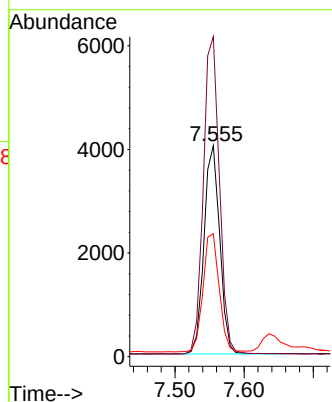
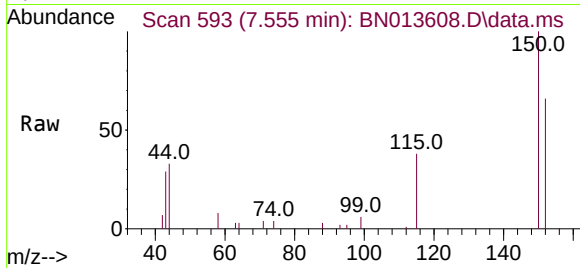




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.555 min Scan# 593
 Delta R.T. 0.000 min
 Lab File: BN013608.D
 Acq: 09 Feb 2021 18:04

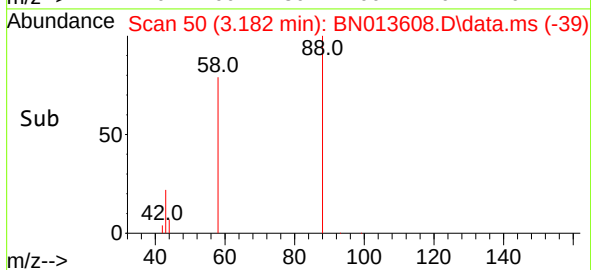
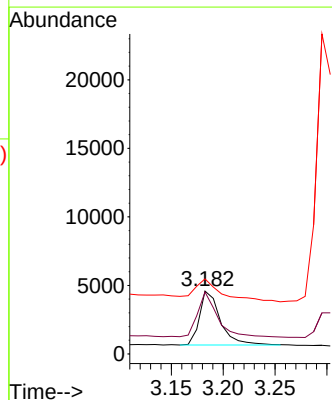
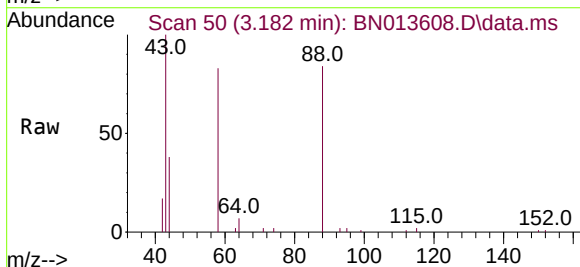
Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-VPB-RW6-GW-278-280

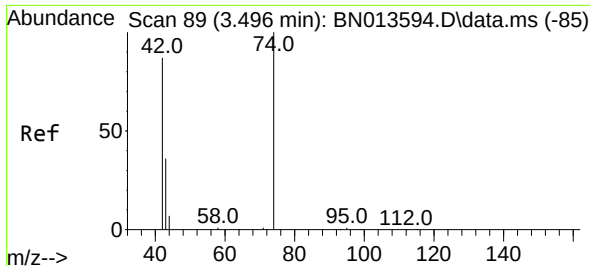
Tgt Ion:	152	Resp:	6362
Ion	Ratio	Lower	Upper
152	100		
150	151.6	121.8	182.8
115	58.3	46.6	69.8



#2
 1,4-Dioxane
 Concen: 0.77 ng
 RT: 3.182 min Scan# 50
 Delta R.T. -0.008 min
 Lab File: BN013608.D
 Acq: 09 Feb 2021 18:04

Tgt Ion:	88	Resp:	5473
Ion	Ratio	Lower	Upper
88	100		
58	78.9	64.6	96.8
43	55.6	26.6	40.0#

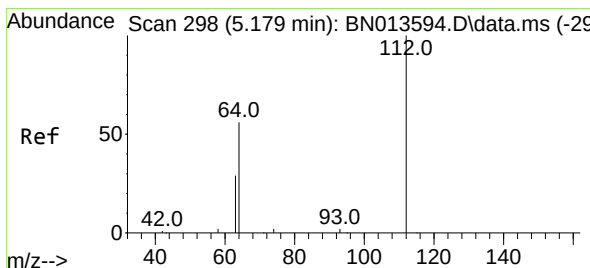
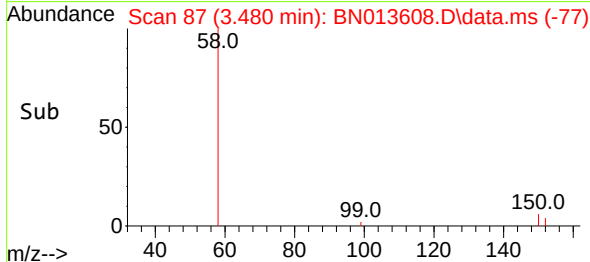
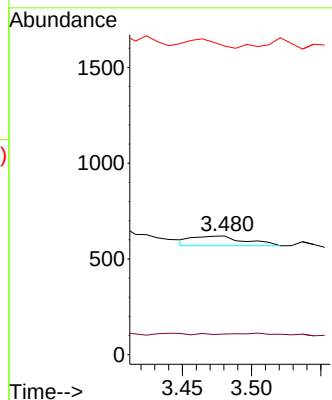
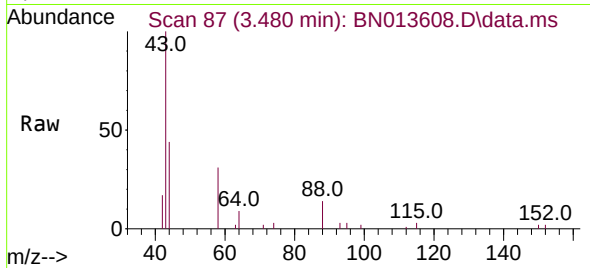




#3
n-Nitrosodimethylamine
Concen: 0.03 ng
RT: 3.480 min Scan# 87
Delta R.T. -0.016 min
Lab File: BN013608.D
Acq: 09 Feb 2021 18:04

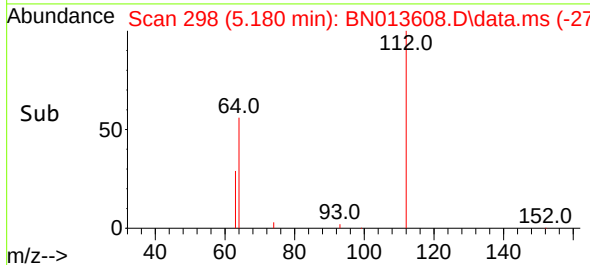
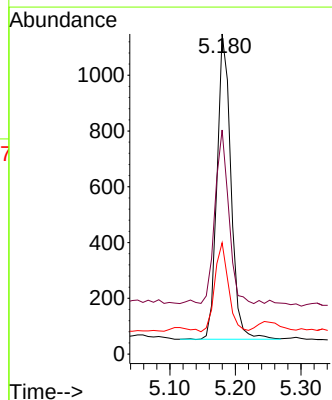
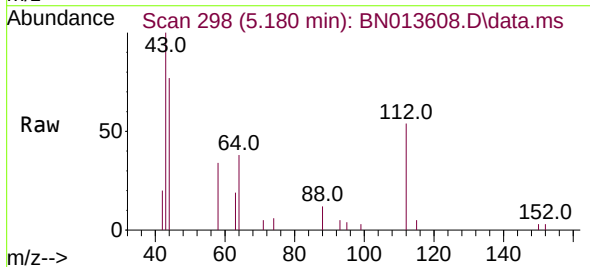
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-278-280

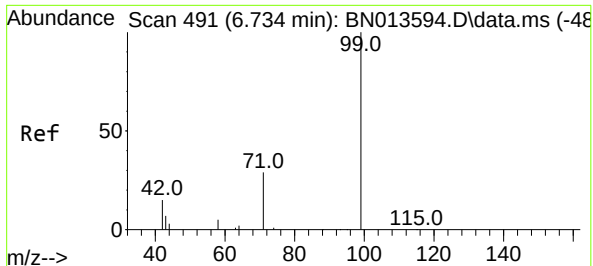
Tgt Ion: 42 Resp: 135
Ion Ratio Lower Upper
42 100
74 0.0 95.0 142.6#
44 56.3 5.8 8.8#



#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.180 min Scan# 298
Delta R.T. 0.000 min
Lab File: BN013608.D
Acq: 09 Feb 2021 18:04

Tgt Ion: 112 Resp: 1613
Ion Ratio Lower Upper
112 100
64 56.0 44.3 66.5
63 28.6 23.0 34.6

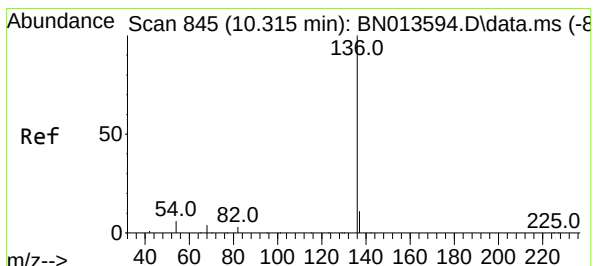
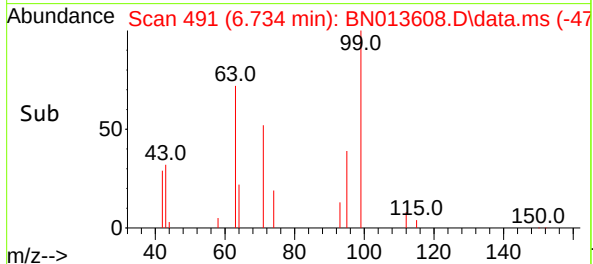
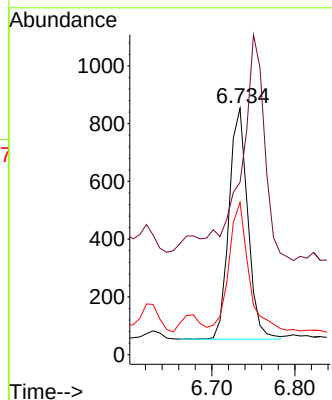
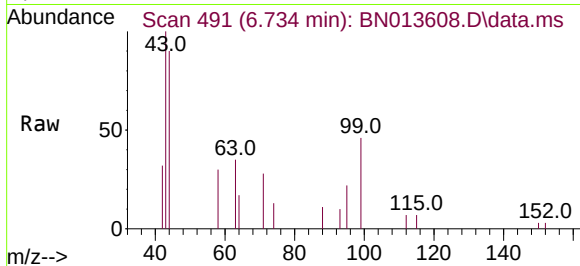




#5
Phenol-d6
Concen: 0.07 ng
RT: 6.734 min Scan# 491
Delta R.T. 0.000 min
Lab File: BN013608.D
Acq: 09 Feb 2021 18:04

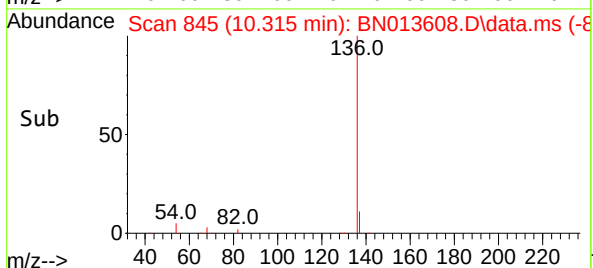
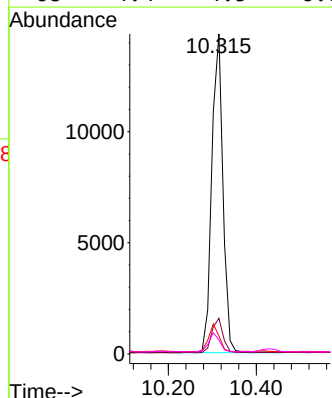
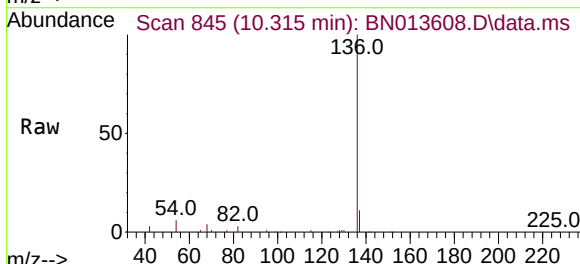
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-278-280

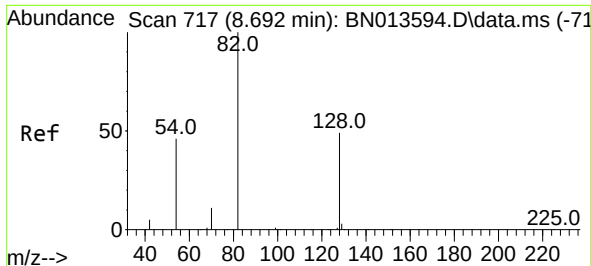
Tgt Ion: 99 Resp: 1259
Ion Ratio Lower Upper
99 100
42 122.1 15.2 22.8#
71 59.0 26.1 39.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.315 min Scan# 845
Delta R.T. 0.000 min
Lab File: BN013608.D
Acq: 09 Feb 2021 18:04

Tgt Ion: 136 Resp: 25064
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 5.6 6.4 9.6#
68 4.4 4.5 6.7#

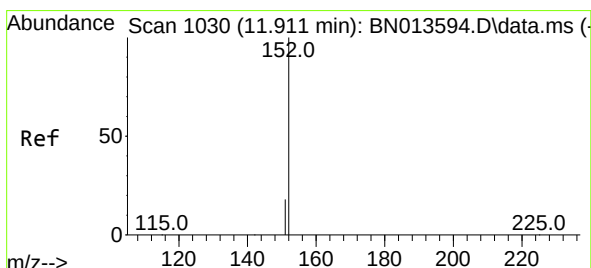
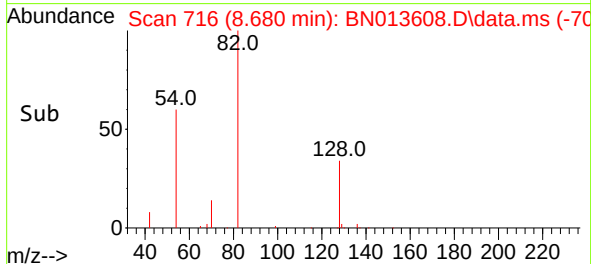
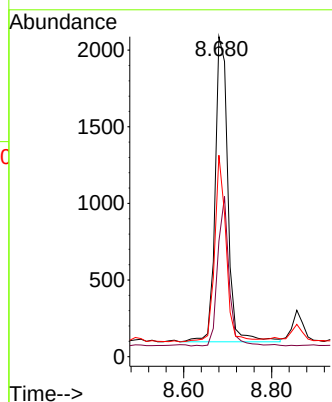
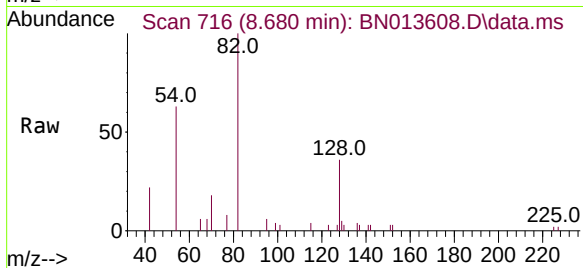




#8
Nitrobenzene-d5
Concen: 0.29 ng
RT: 8.680 min Scan# 716
Delta R.T. -0.012 min
Lab File: BN013608.D
Acq: 09 Feb 2021 18:04

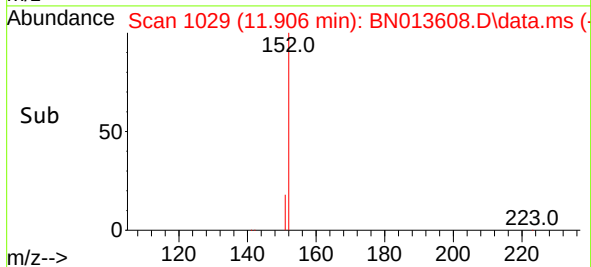
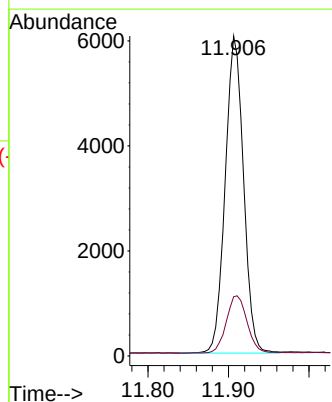
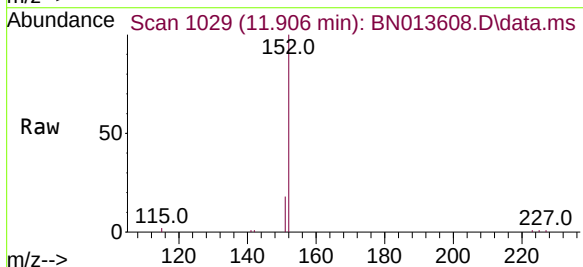
Instrument :
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ClientSampleId :
BP-TT-VPB-RW6-GW-278-280

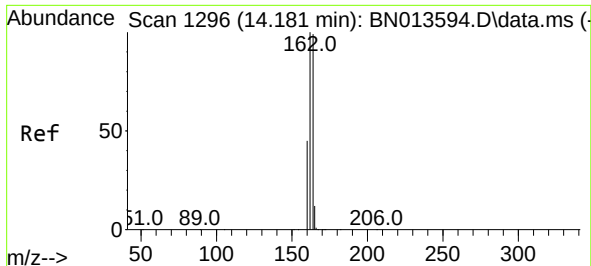
Tgt Ion: 82 Resp: 3993
Ion Ratio Lower Upper
82 100
128 36.1 39.2 58.8#
54 62.9 40.1 60.1#



#11
2-Methylnaphthalene-d10
Concen: 0.24 ng
RT: 11.906 min Scan# 1029
Delta R.T. -0.004 min
Lab File: BN013608.D
Acq: 09 Feb 2021 18:04

Tgt Ion:152 Resp: 9537
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.2

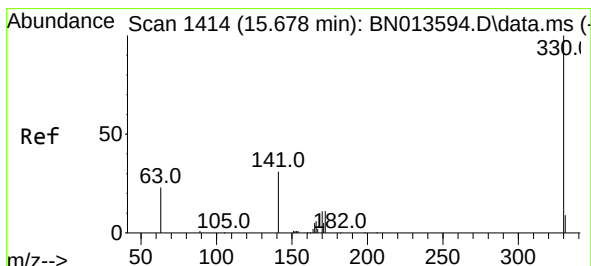
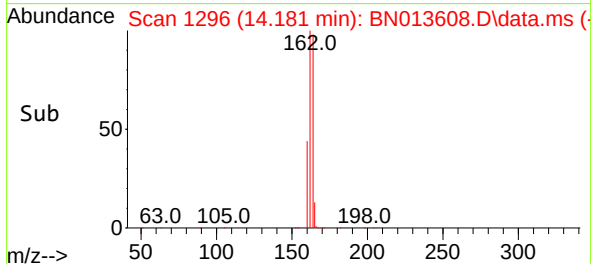
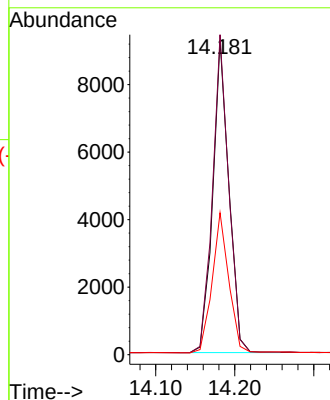
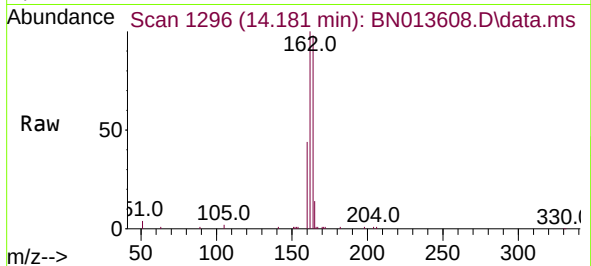




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.181 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BN013608.D
Acq: 09 Feb 2021 18:04

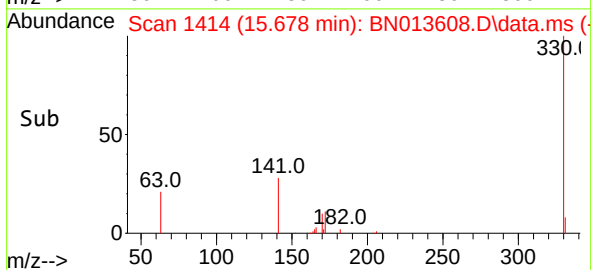
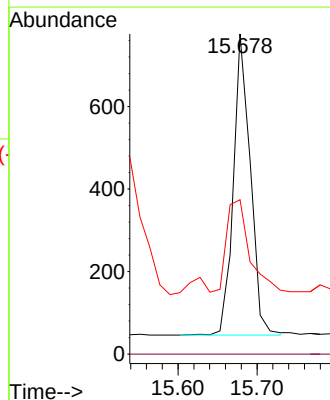
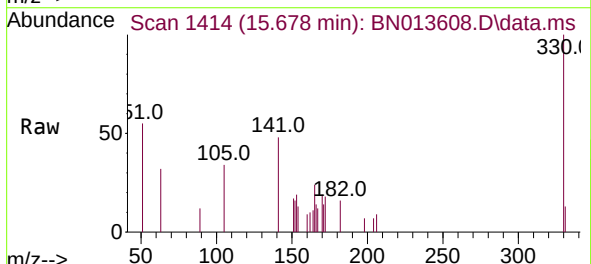
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ClientSampleId :
BP-TT-VPB-RW6-GW-278-280

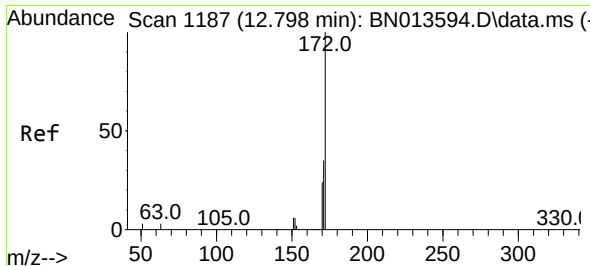
Tgt Ion:164 Resp: 13077
Ion Ratio Lower Upper
164 100
162 101.8 79.6 119.4
160 45.2 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.29 ng
RT: 15.678 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BN013608.D
Acq: 09 Feb 2021 18:04

Tgt Ion:330 Resp: 1085
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 46.3 26.8 40.2#

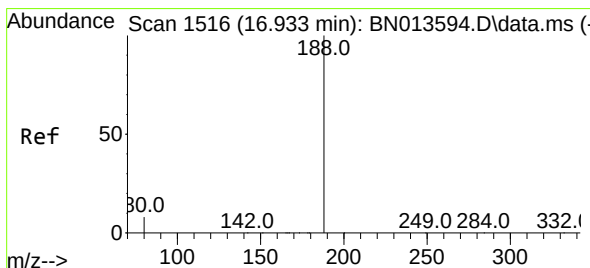
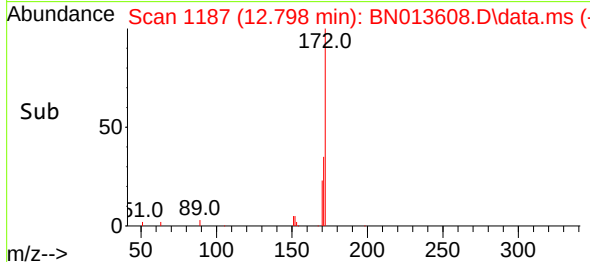
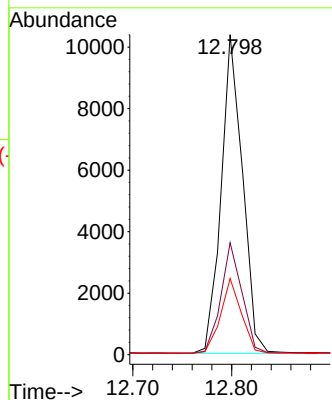
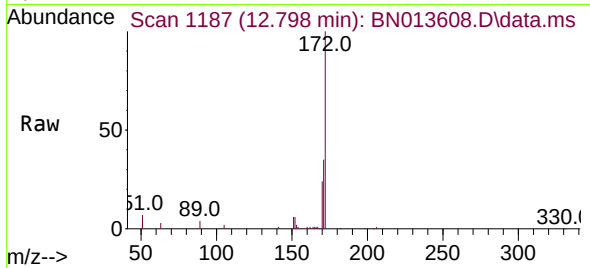




#15
2-Fluorobiphenyl
Concen: 0.32 ng
RT: 12.798 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BN013608.D
Acq: 09 Feb 2021 18:04

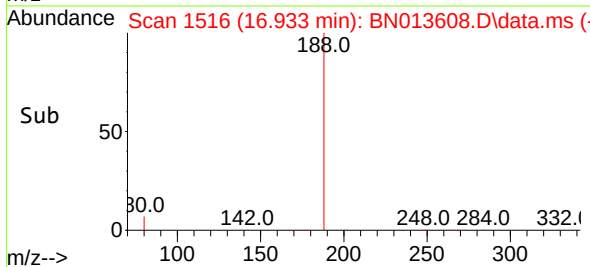
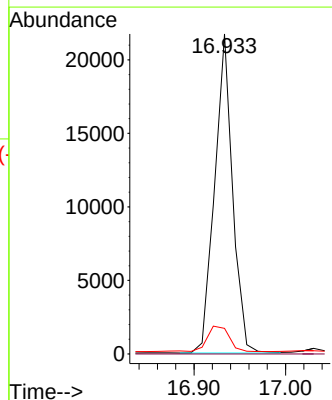
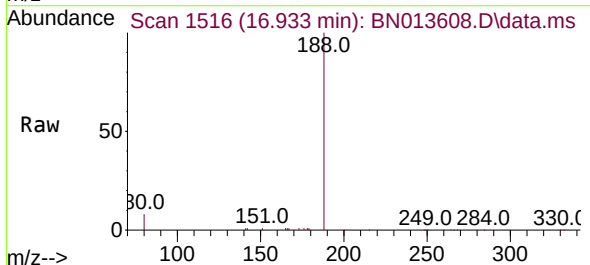
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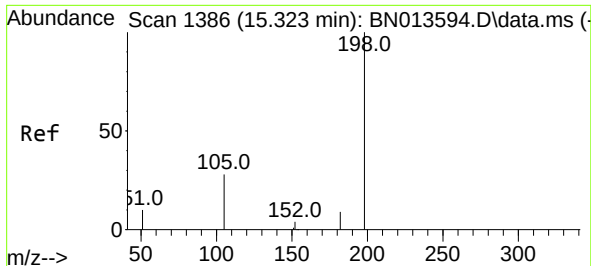
Tgt Ion:172	Resp:	15526
Ion Ratio	Lower	Upper
172	100	
171	35.0	28.6 42.8
170	23.8	18.9 28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.933 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BN013608.D
Acq: 09 Feb 2021 18:04

Tgt Ion:188	Resp:	29551
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	8.0	9.0 13.6#

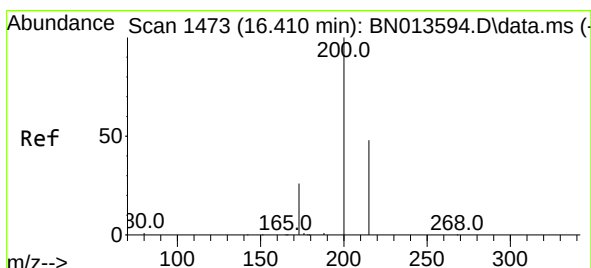
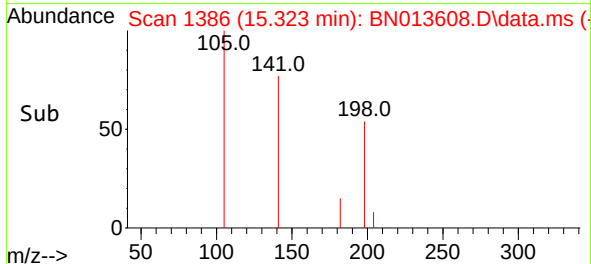
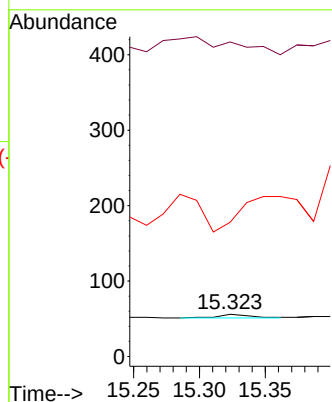
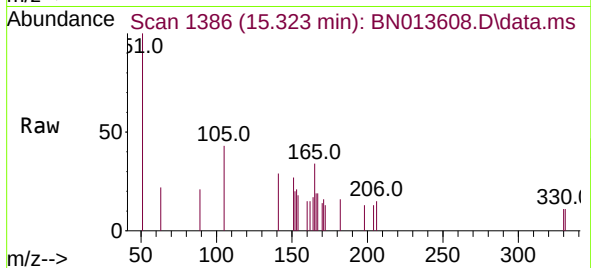




#20
4,6-Dinitro-2-methylphenol
Concen: 0.15 ng
RT: 15.323 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BN013608.D
Acq: 09 Feb 2021 18:04

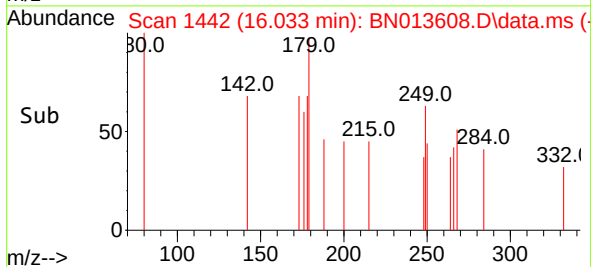
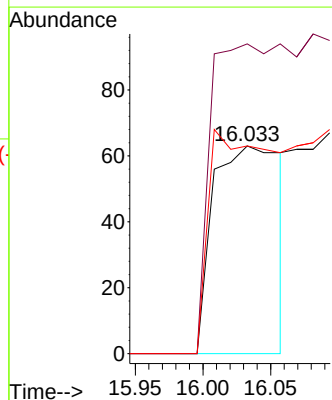
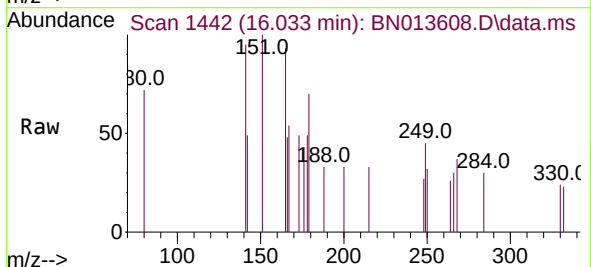
Instrument :
BNA_N
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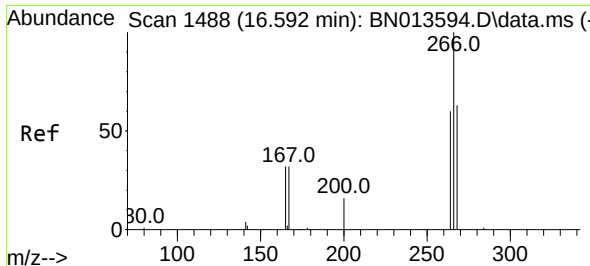
Tgt Ion:198 Resp: 9
Ion Ratio Lower Upper
198 100
51 744.6 61.7 92.5#
105 317.9 33.0 49.6#



#23
Atrazine
Concen: 0.02 ng
RT: 16.033 min Scan# 1442
Delta R.T. -0.377 min
Lab File: BN013608.D
Acq: 09 Feb 2021 18:04

Tgt Ion:200 Resp: 221
Ion Ratio Lower Upper
200 100
173 149.2 18.6 28.0#
215 100.0 41.0 61.6#

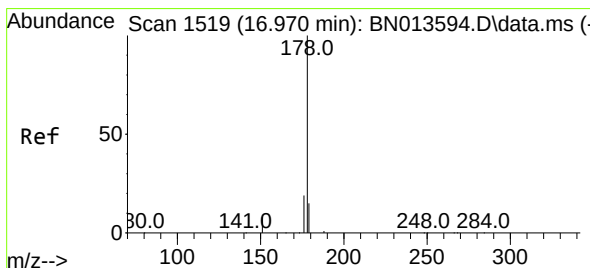
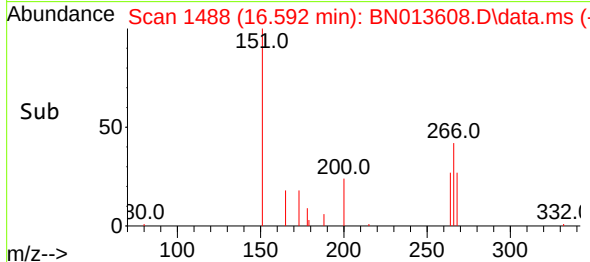
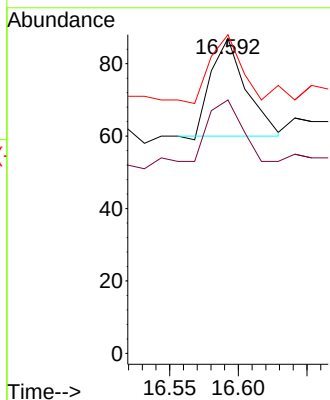
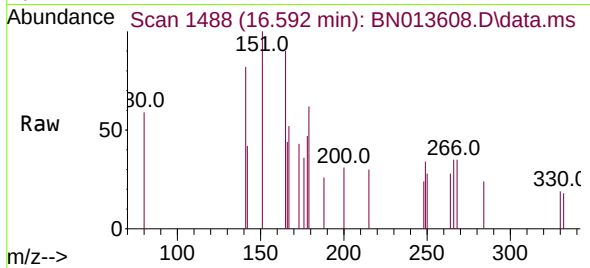




#24
Pentachlorophenol
Concen: 0.21 ng
RT: 16.592 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BN013608.D
Acq: 09 Feb 2021 18:04

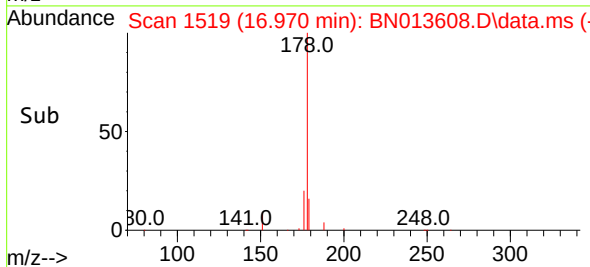
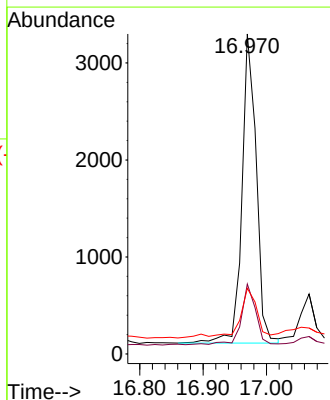
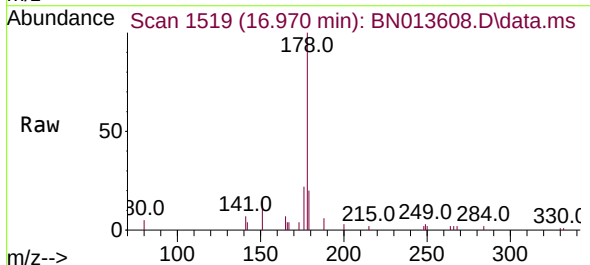
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-278-280

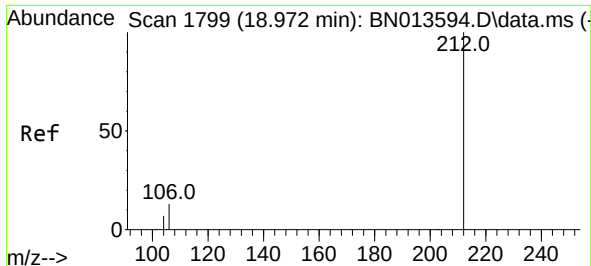
Tgt Ion:266 Resp: 47
Ion Ratio Lower Upper
266 100
264 87.2 51.6 77.4#
268 61.7 54.6 82.0



#25
Phenanthrene
Concen: 0.06 ng
RT: 16.970 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BN013608.D
Acq: 09 Feb 2021 18:04

Tgt Ion:178 Resp: 5017
Ion Ratio Lower Upper
178 100
176 19.8 15.0 22.4
179 16.5 12.3 18.5

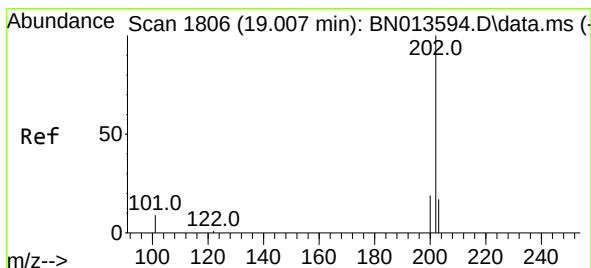
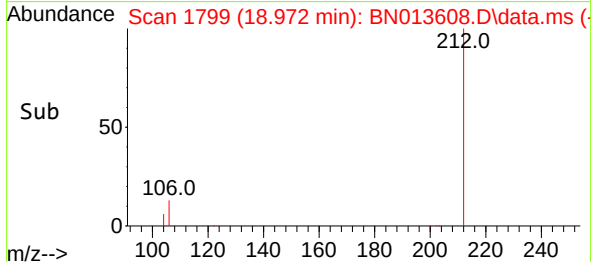
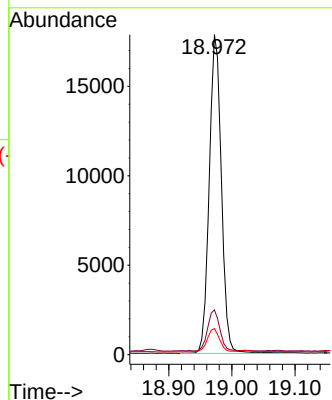
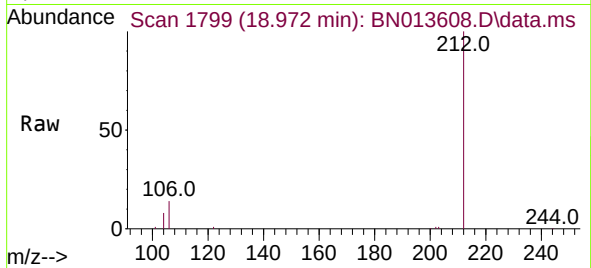




#27
Fluoranthene-d10
Concen: 0.30 ng
RT: 18.972 min Scan# 1799
Delta R.T. 0.000 min
Lab File: BN013608.D
Acq: 09 Feb 2021 18:04

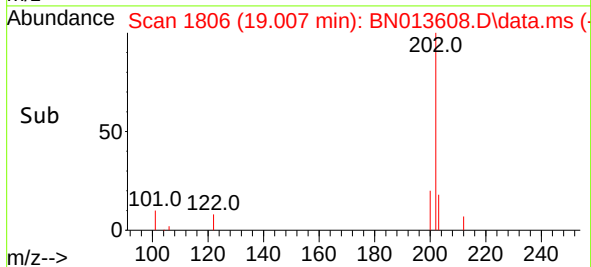
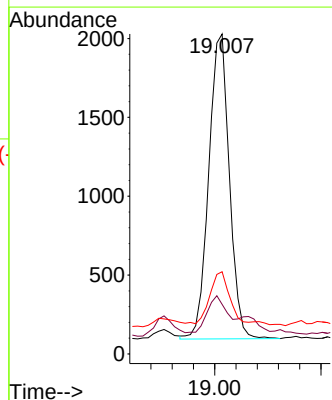
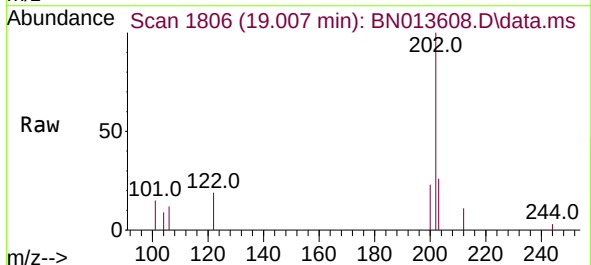
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-278-280

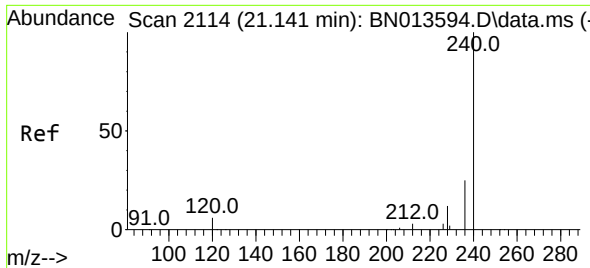
Tgt Ion:212 Resp: 23735
Ion Ratio Lower Upper
212 100
106 12.8 9.7 14.5
104 7.6 5.5 8.3



#28
Fluoranthene
Concen: 0.03 ng
RT: 19.007 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BN013608.D
Acq: 09 Feb 2021 18:04

Tgt Ion:202 Resp: 2604
Ion Ratio Lower Upper
202 100
101 12.2 8.1 12.1#
203 16.1 13.9 20.9

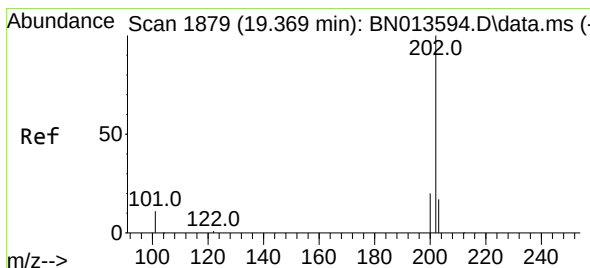
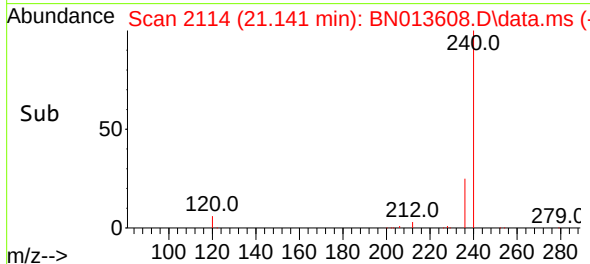
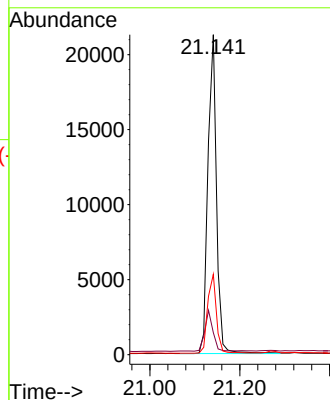
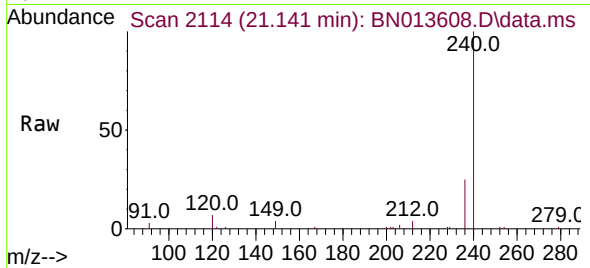




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.141 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BN013608.D
Acq: 09 Feb 2021 18:04

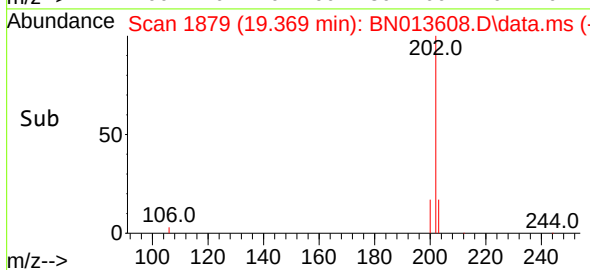
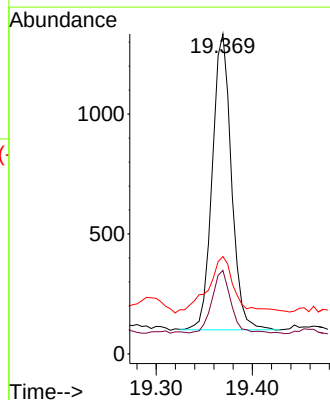
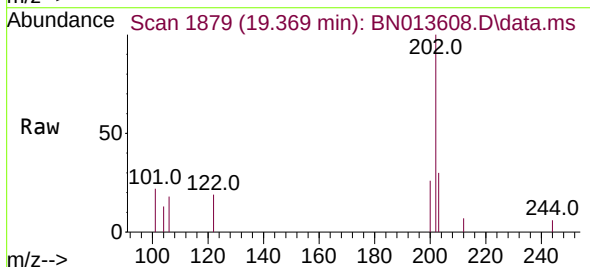
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-278-280

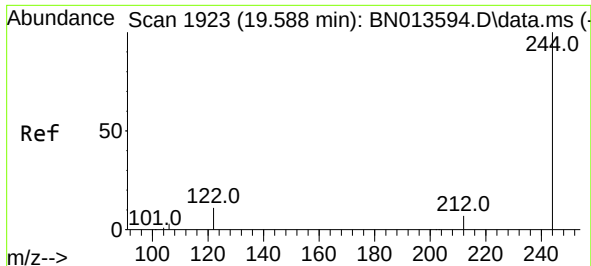
Tgt Ion:240 Resp: 28006
Ion Ratio Lower Upper
240 100
120 6.9 10.2 15.4#
236 25.1 21.3 31.9



#30
Pyrene
Concen: 0.02 ng
RT: 19.369 min Scan# 1879
Delta R.T. 0.000 min
Lab File: BN013608.D
Acq: 09 Feb 2021 18:04

Tgt Ion:202 Resp: 1699
Ion Ratio Lower Upper
202 100
200 21.7 16.3 24.5
203 26.8 14.0 21.0#

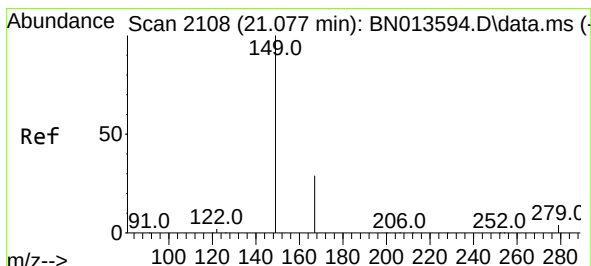
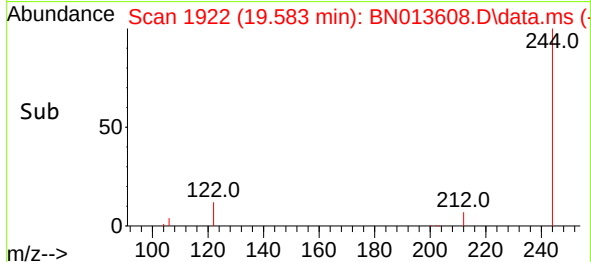
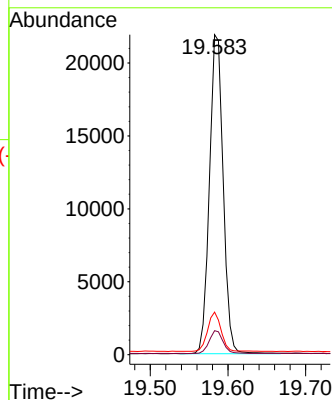
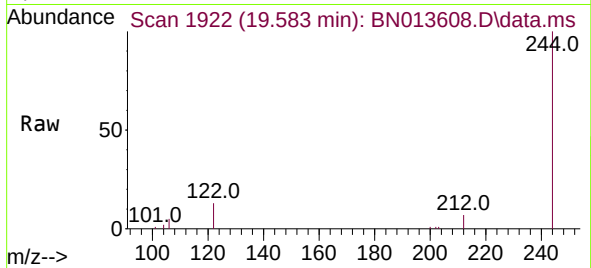




#31
Terphenyl-d14
Concen: 0.43 ng
RT: 19.583 min Scan# 1922
Delta R.T. -0.005 min
Lab File: BN013608.D
Acq: 09 Feb 2021 18:04

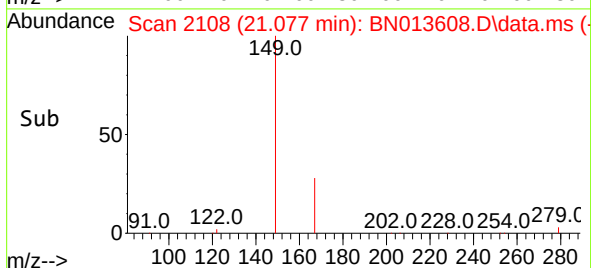
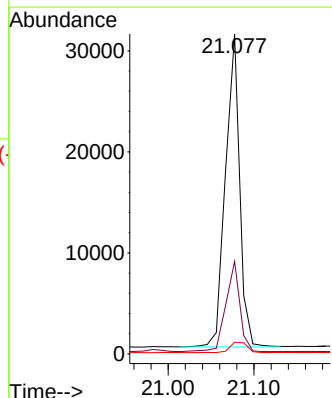
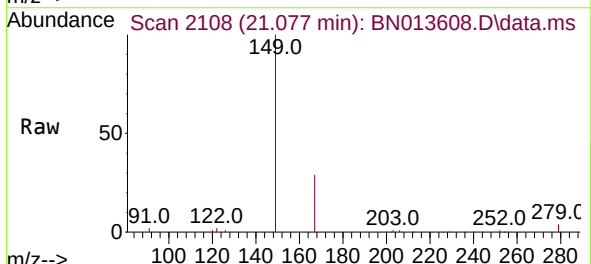
Instrument :
BNA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-278-280

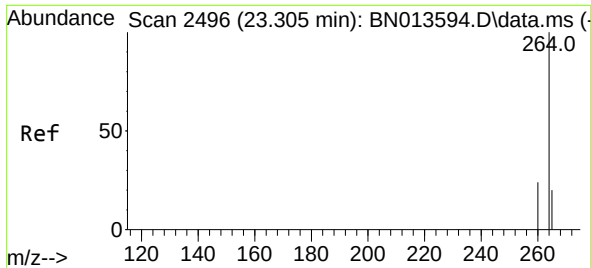
Tgt Ion:244 Resp: 26895
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 13.3 9.8 14.8



#34
Bis(2-ethylhexyl)phthalate
Concen: 1.61 ng
RT: 21.077 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BN013608.D
Acq: 09 Feb 2021 18:04

Tgt Ion:149 Resp: 35501
Ion Ratio Lower Upper
149 100
167 28.3 22.1 33.1
279 4.1 3.5 5.3





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.305 min Scan# 2496
 Delta R.T. 0.000 min
 Lab File: BN013608.D
 Acq: 09 Feb 2021 18:04

Instrument :
 BNA_N
ClientSampleId :
 BP-TT-VPB-RW6-GW-278-280

Tgt Ion:264	Resp:	16118
Ion Ratio	Lower	Upper
264	100	
260	25.7	19.3 28.9
265	37.6	66.2 99.4#

