

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021521\
 Data File : BN013628.D
 Acq On : 15 Feb 2021 17:33
 Operator : CG/JU
 Sample : M1413-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR2-SC-93-021121

Quant Time: Feb 15 23:41:13 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)

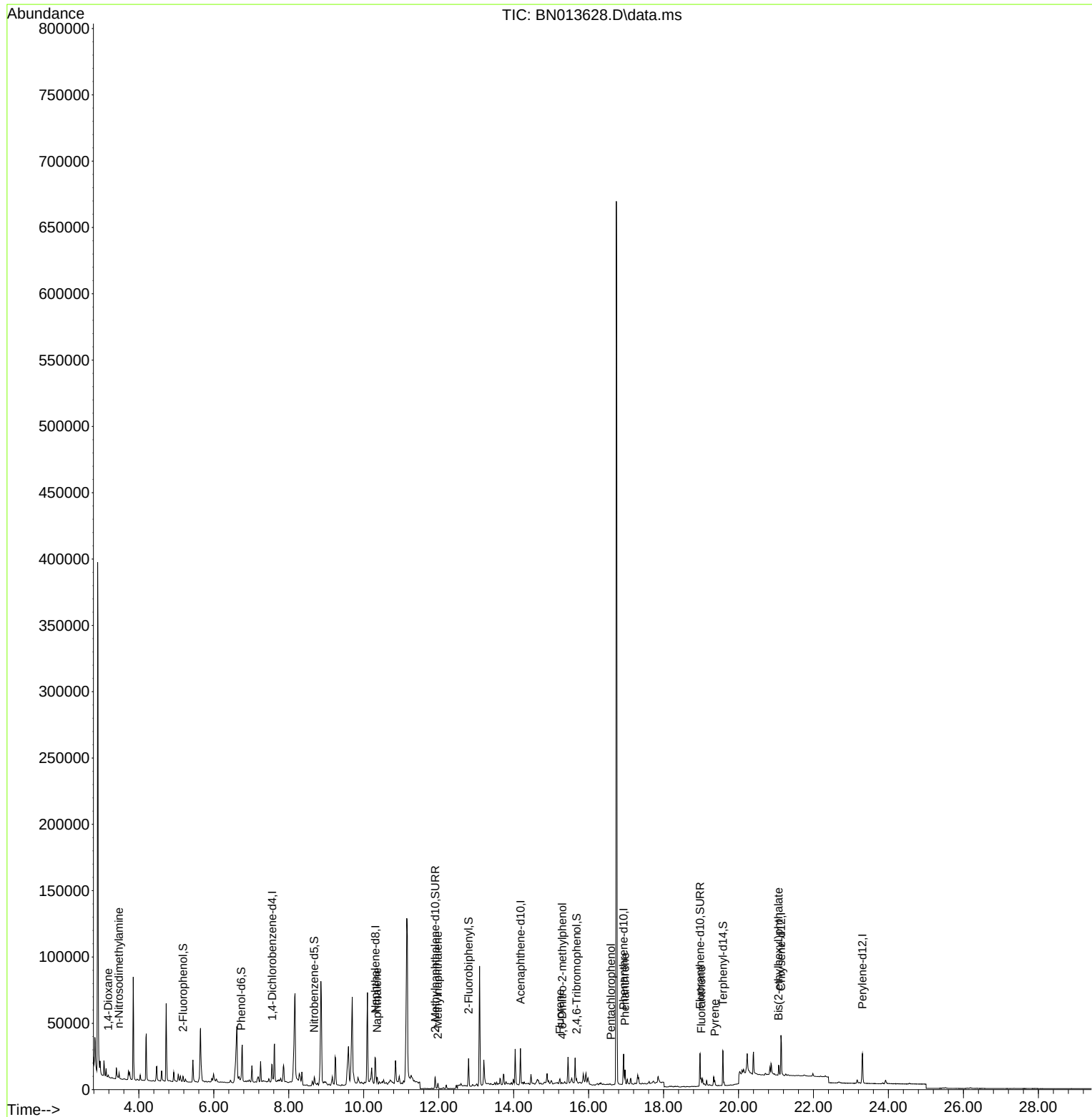
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	6357	0.40	ng	0.00
7) Naphthalene-d8	10.315	136	25438	0.40	ng	0.00
13) Acenaphthene-d10	14.181	164	14595	0.40	ng	0.00
19) Phenanthrene-d10	16.934	188	29522	0.40	ng	# 0.00
29) Chrysene-d12	21.133	240	29610	0.40	ng	# 0.00
36) Perylene-d12	23.304	264	28419	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.179	112	2759	0.20	ng	0.00
5) Phenol-d6	6.734	99	2170	0.13	ng	0.00
8) Nitrobenzene-d5	8.680	82	5507	0.39	ng	-0.01
11) 2-Methylnaphthalene-d10	11.906	152	11642	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.678	330	2392	0.57	ng	0.00
15) 2-Fluorobiphenyl	12.798	172	17006	0.31	ng	0.00
27) Fluoranthene-d10	18.975	212	28329	0.36	ng	0.00
31) Terphenyl-d14	19.585	244	25600	0.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.182	88	1147	0.16	ng	# 29
3) n-Nitrosodimethylamine	3.472	42	399	0.08	ng	# 1
9) Naphthalene	10.353	128	7508	0.12	ng	95
12) 2-Methylnaphthalene	11.977	142	2915	0.07	ng	# 92
18) Fluorene	15.234	166	1543	0.03	ng	# 87
20) 4,6-Dinitro-2-methylph...	15.298	198	161	0.19	ng	# 1
24) Pentachlorophenol	16.593	266	289	0.26	ng	88
25) Phenanthrene	16.970	178	10671	0.13	ng	97
28) Fluoranthene	19.005	202	3480	0.04	ng	# 87
30) Pyrene	19.367	202	3850	0.04	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.069	149	7447	0.32	ng	98

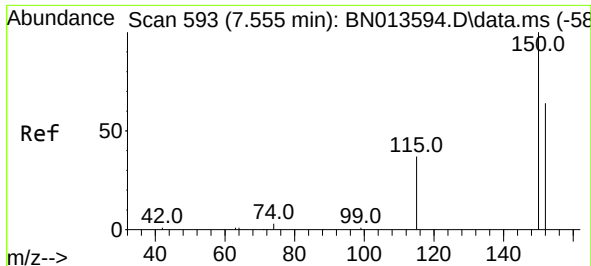
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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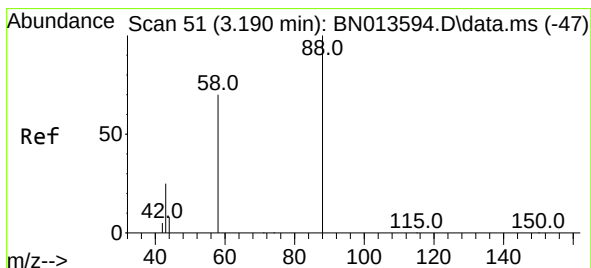
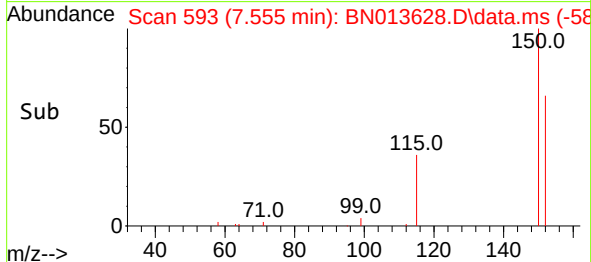
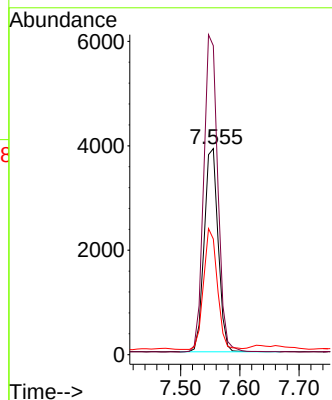
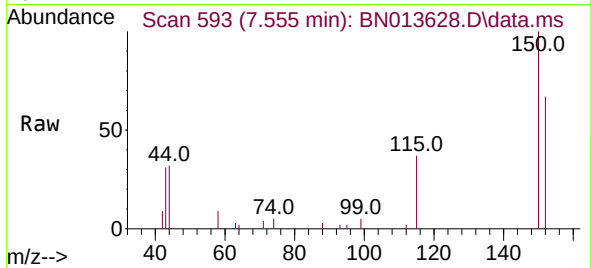




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.555 min Scan# 593
 Delta R.T. 0.000 min
 Lab File: BN013628.D
 Acq: 15 Feb 2021 17:33

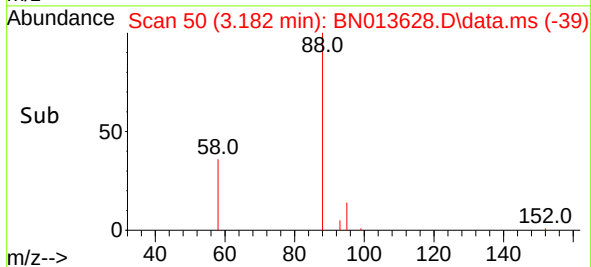
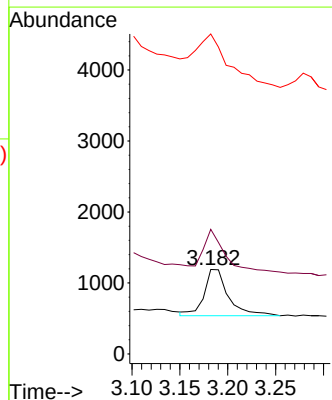
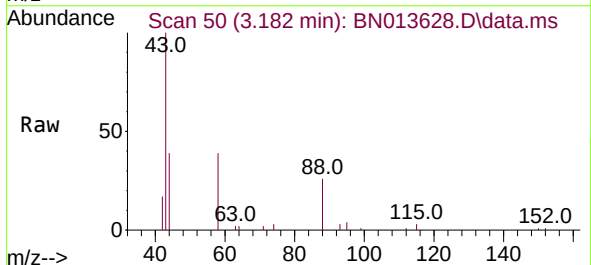
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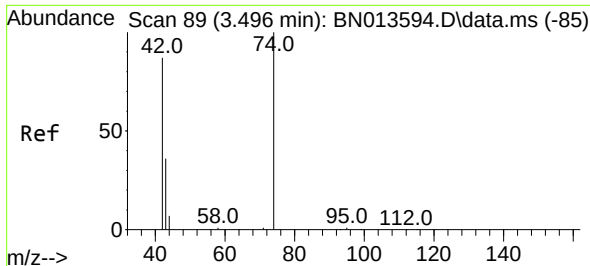
Tgt Ion:152 Resp: 6357
 Ion Ratio Lower Upper
 152 100
 150 150.0 121.8 182.8
 115 56.1 46.6 69.8



#2
 1,4-Dioxane
 Concen: 0.16 ng
 RT: 3.182 min Scan# 50
 Delta R.T. -0.008 min
 Lab File: BN013628.D
 Acq: 15 Feb 2021 17:33

Tgt Ion: 88 Resp: 1147
 Ion Ratio Lower Upper
 88 100
 58 81.2 64.6 96.8
 43 171.5 26.6 40.0#

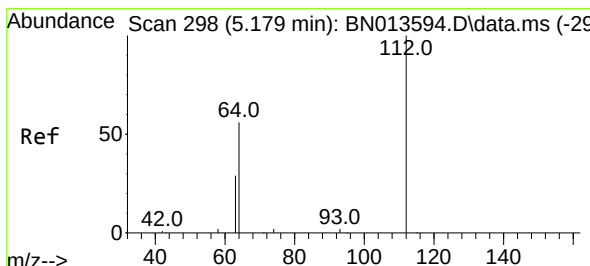
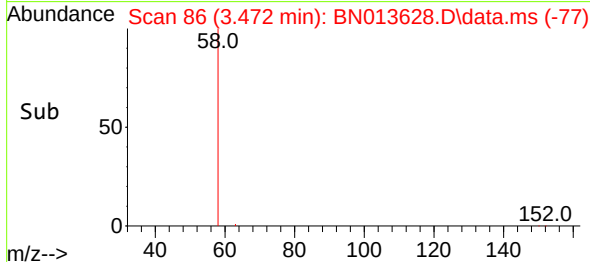
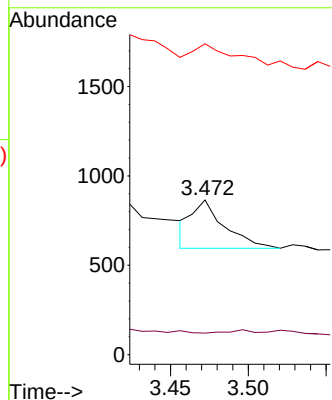
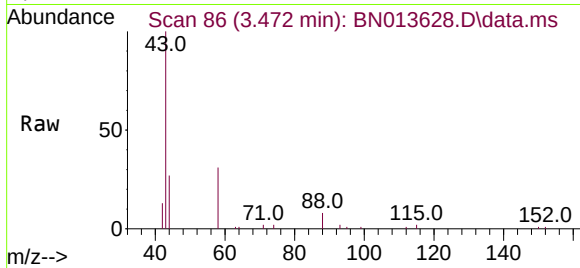




#3
n-Nitrosodimethylamine
Concen: 0.08 ng
RT: 3.472 min Scan# 86
Delta R.T. -0.024 min
Lab File: BN013628.D
Acq: 15 Feb 2021 17:33

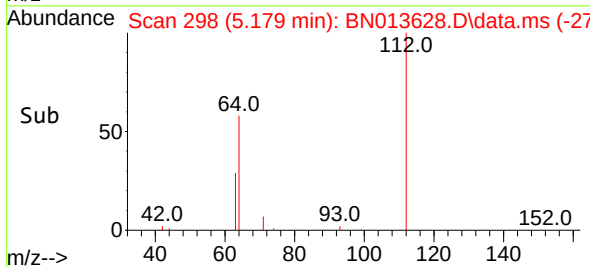
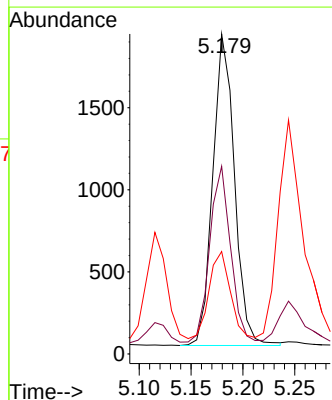
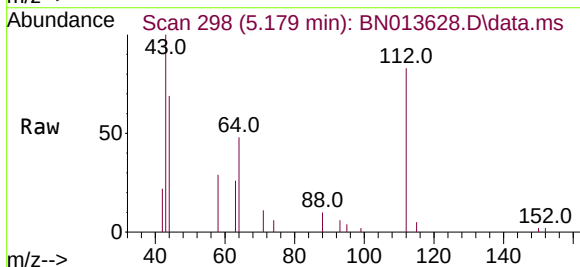
Instrument :
BNA_N
ClientSampleId :
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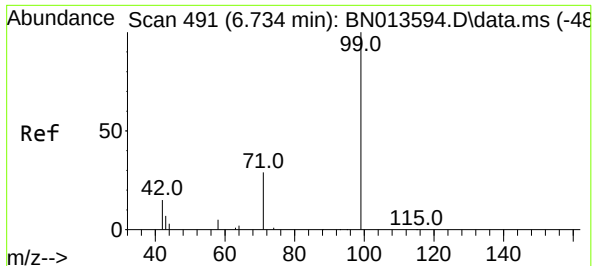
Tgt Ion: 42 Resp: 399
Ion Ratio Lower Upper
42 100
74 0.0 95.0 142.6#
44 77.4 5.8 8.8#



#4
2-Fluorophenol
Concen: 0.20 ng
RT: 5.179 min Scan# 298
Delta R.T. 0.000 min
Lab File: BN013628.D
Acq: 15 Feb 2021 17:33

Tgt Ion: 112 Resp: 2759
Ion Ratio Lower Upper
112 100
64 55.4 44.3 66.5
63 28.2 23.0 34.6

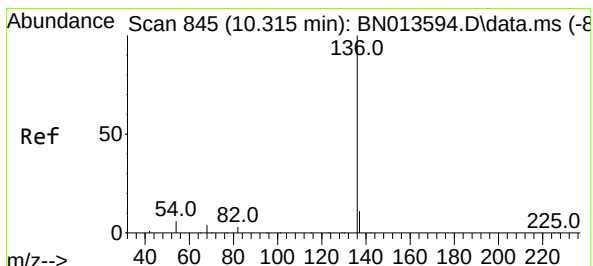
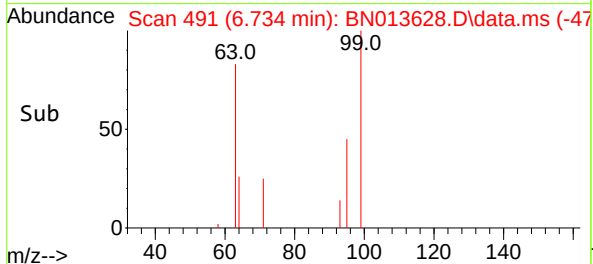
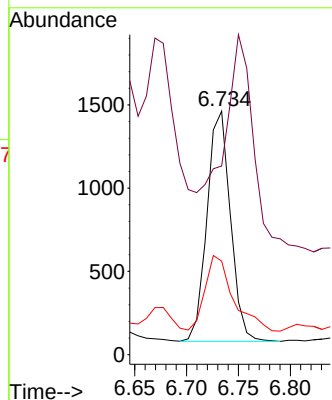
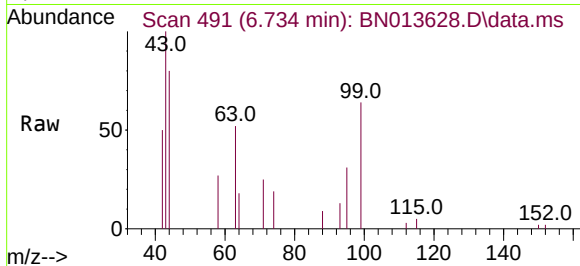




#5
Phenol-d6
Concen: 0.13 ng
RT: 6.734 min Scan# 491
Delta R.T. 0.000 min
Lab File: BN013628.D
Acq: 15 Feb 2021 17:33

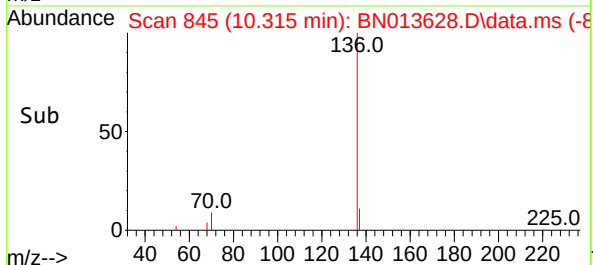
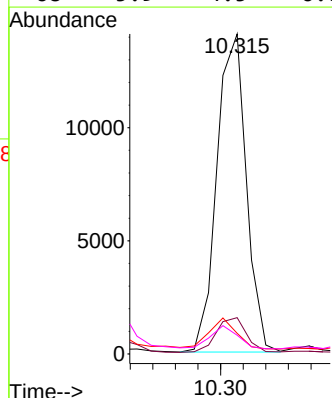
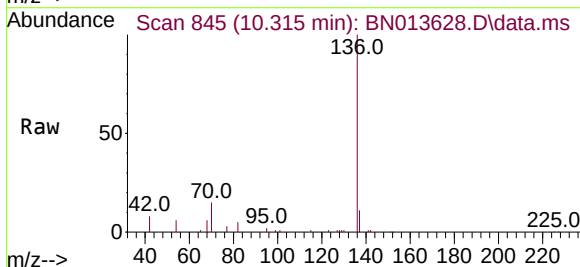
Instrument :
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ClientSampleId :
GWBR2-SC-93-021121

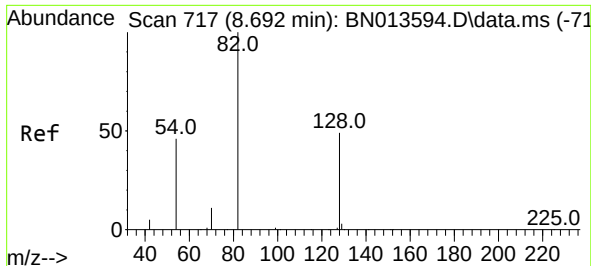
Tgt Ion: 99 Resp: 2170
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 40.1 26.1 39.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.315 min Scan# 845
Delta R.T. 0.000 min
Lab File: BN013628.D
Acq: 15 Feb 2021 17:33

Tgt Ion: 136 Resp: 25438
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 6.5 6.4 9.6
68 5.9 4.5 6.7

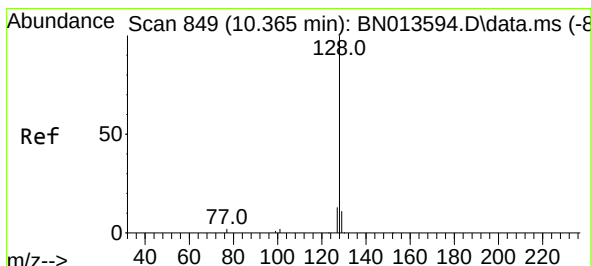
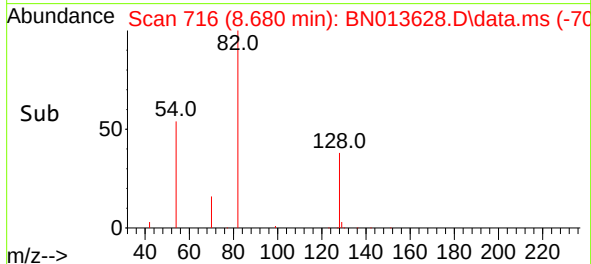
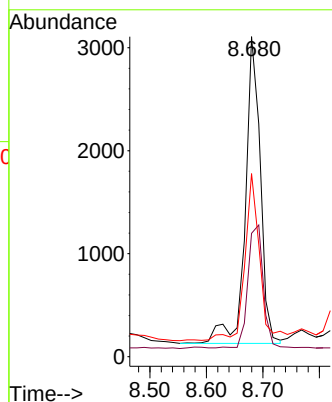
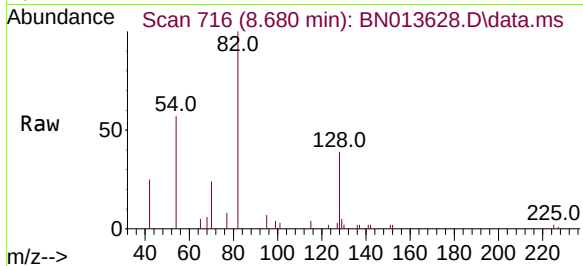




#8
Nitrobenzene-d5
Concen: 0.39 ng
RT: 8.680 min Scan# 716
Delta R.T. -0.013 min
Lab File: BN013628.D
Acq: 15 Feb 2021 17:33

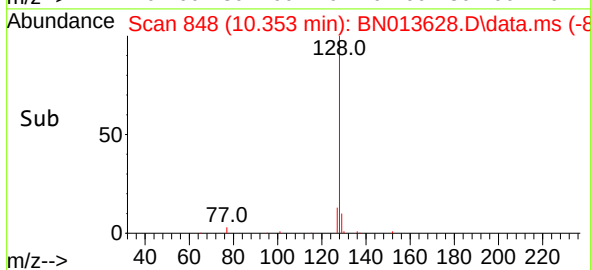
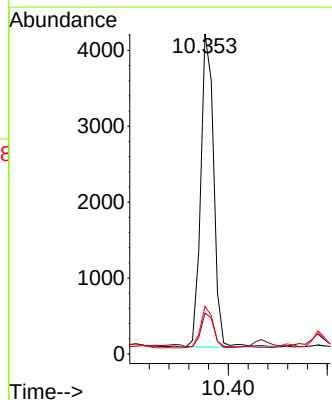
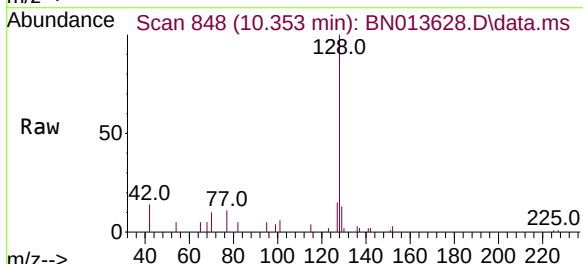
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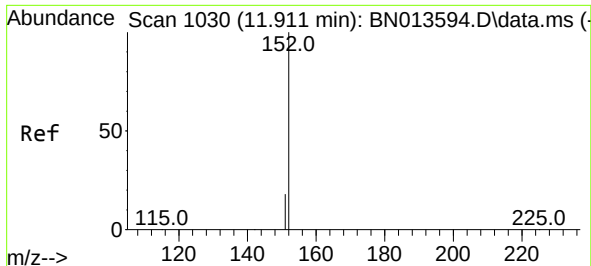
Tgt Ion: 82 Resp: 5507
Ion Ratio Lower Upper
82 100
128 38.6 39.2 58.8#
54 57.2 40.1 60.1



#9
Naphthalene
Concen: 0.12 ng
RT: 10.353 min Scan# 848
Delta R.T. -0.013 min
Lab File: BN013628.D
Acq: 15 Feb 2021 17:33

Tgt Ion: 128 Resp: 7508
Ion Ratio Lower Upper
128 100
129 12.8 9.0 13.4
127 14.9 10.4 15.6

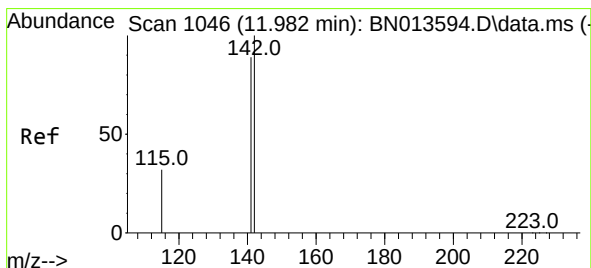
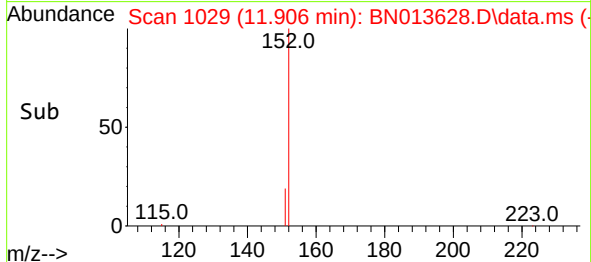
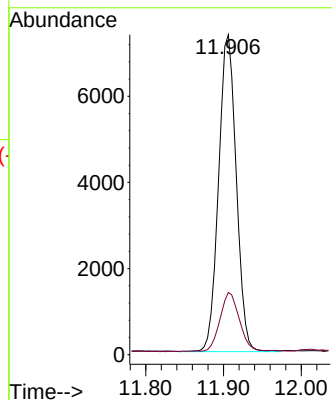
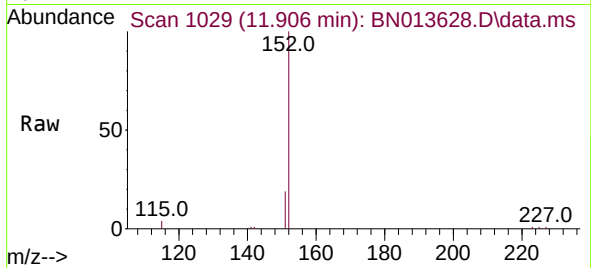




#11
2-Methylnaphthalene-d10
Concen: 0.29 ng
RT: 11.906 min Scan# 1029
Delta R.T. -0.004 min
Lab File: BN013628.D
Acq: 15 Feb 2021 17:33

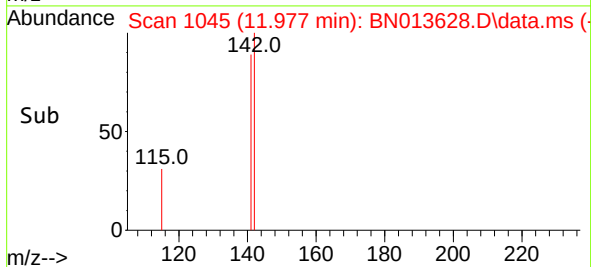
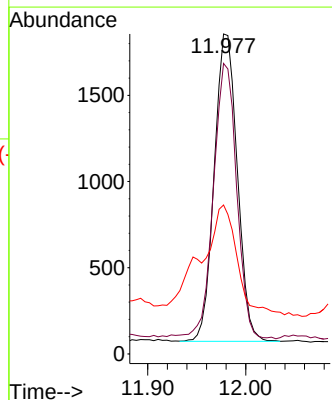
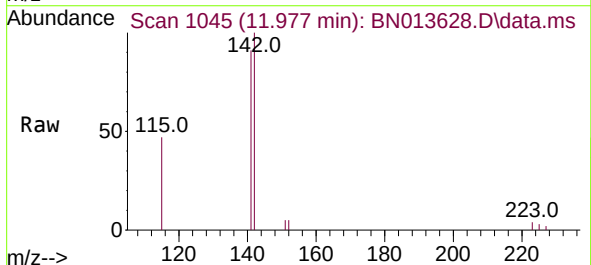
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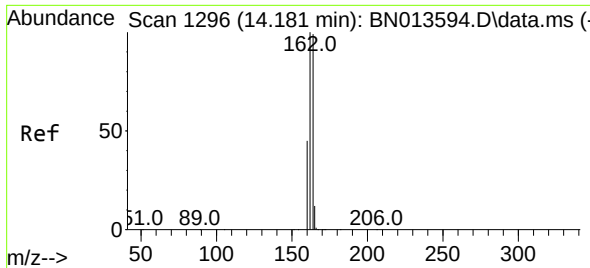
Tgt Ion:152 Resp: 11642
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2



#12
2-Methylnaphthalene
Concen: 0.07 ng
RT: 11.977 min Scan# 1045
Delta R.T. -0.004 min
Lab File: BN013628.D
Acq: 15 Feb 2021 17:33

Tgt Ion:142 Resp: 2915
Ion Ratio Lower Upper
142 100
141 90.8 70.5 105.7
115 46.6 27.4 41.0#

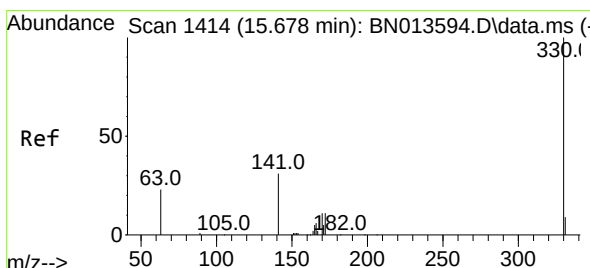
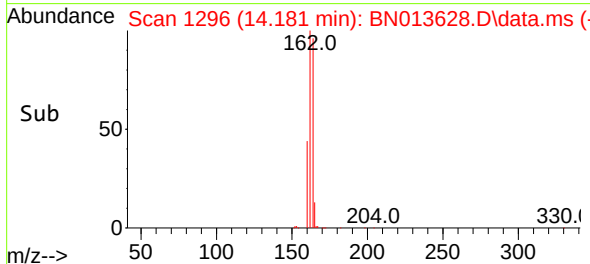
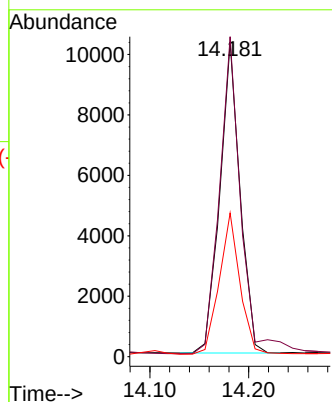
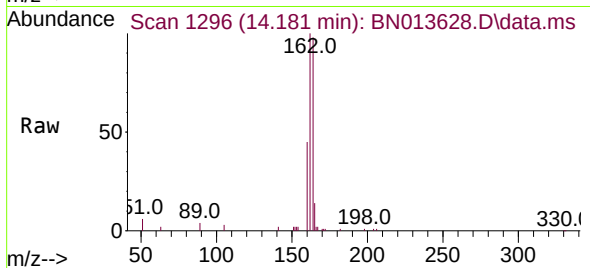




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.181 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BN013628.D
Acq: 15 Feb 2021 17:33

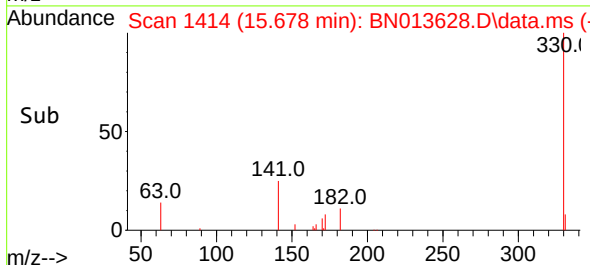
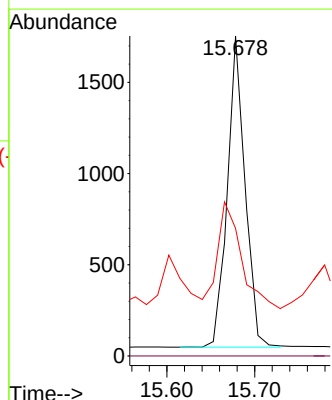
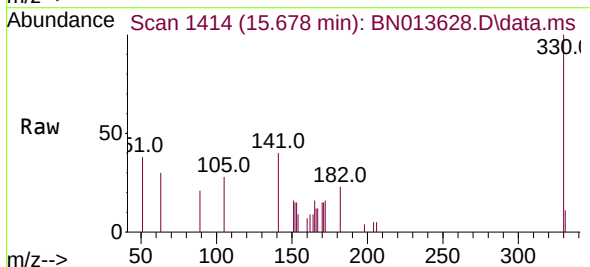
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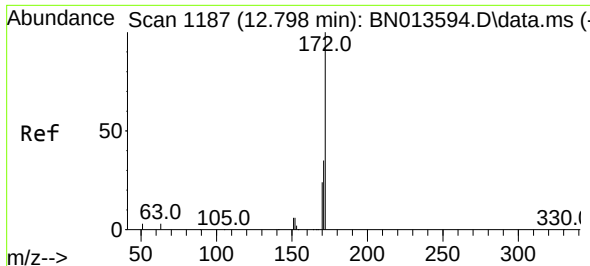
Tgt Ion:	164	Resp:	14595
Ion	Ratio	Lower	Upper
164	100		
162	101.7	79.6	119.4
160	45.7	36.0	54.0



#14
2,4,6-Tribromophenol
Concen: 0.57 ng
RT: 15.678 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BN013628.D
Acq: 15 Feb 2021 17:33

Tgt Ion:	330	Resp:	2392
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	45.5	26.8	40.2

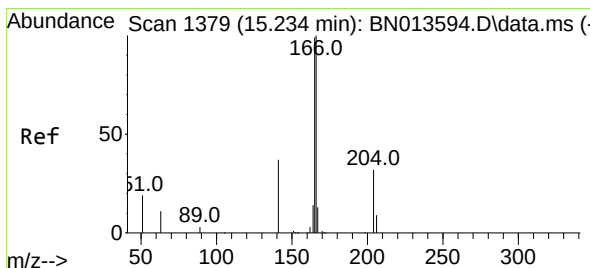
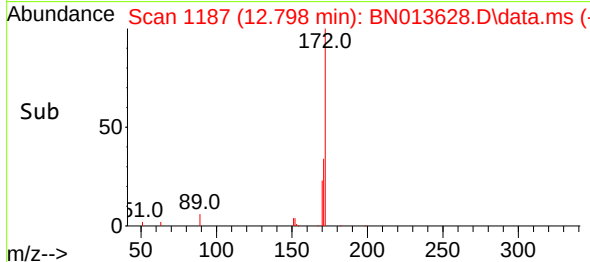
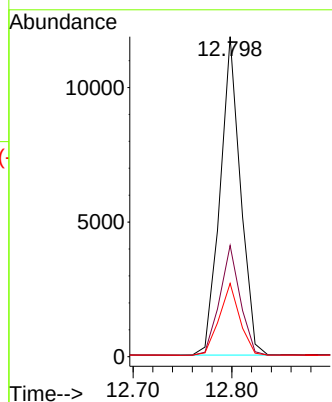
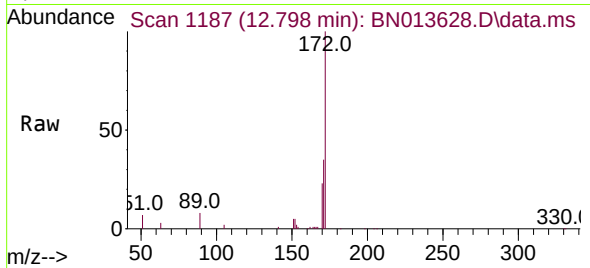




#15
2-Fluorobiphenyl
Concen: 0.31 ng
RT: 12.798 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BN013628.D
Acq: 15 Feb 2021 17:33

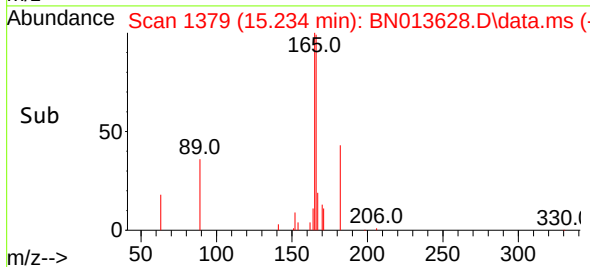
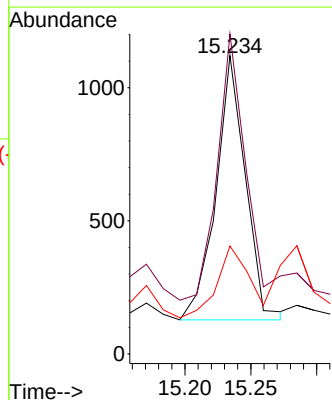
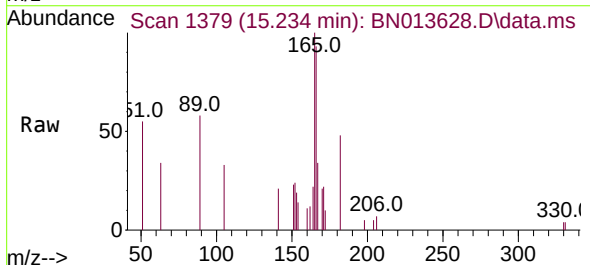
Instrument :
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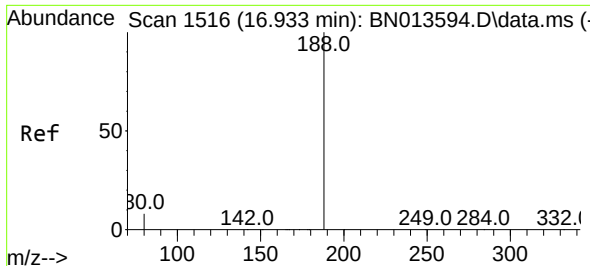
Tgt Ion:172	Resp:	17006
Ion Ratio	Lower	Upper
172	100	
171	34.8	28.6 42.8
170	22.9	18.9 28.3



#18
Fluorene
Concen: 0.03 ng
RT: 15.234 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BN013628.D
Acq: 15 Feb 2021 17:33

Tgt Ion:166	Resp:	1543
Ion Ratio	Lower	Upper
166	100	
165	106.1	77.8 116.8
167	29.9	10.6 16.0#

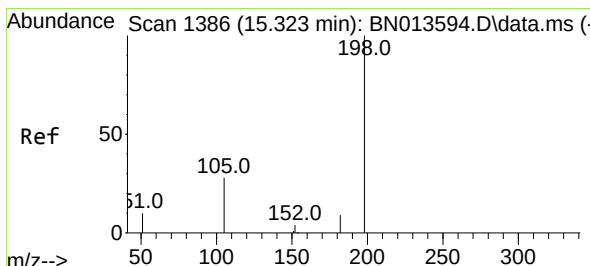
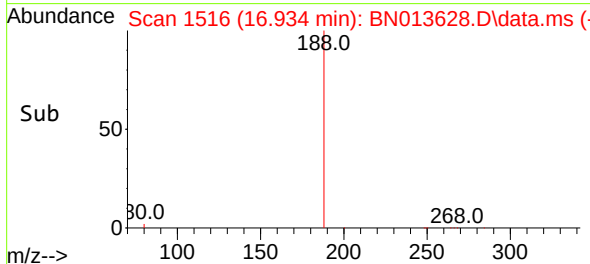
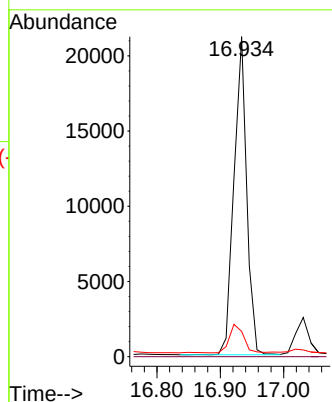
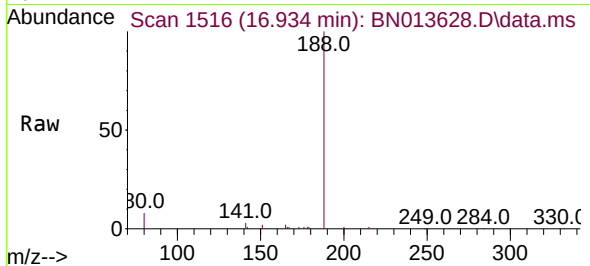




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.934 min Scan# 1516
Delta R.T. 0.001 min
Lab File: BN013628.D
Acq: 15 Feb 2021 17:33

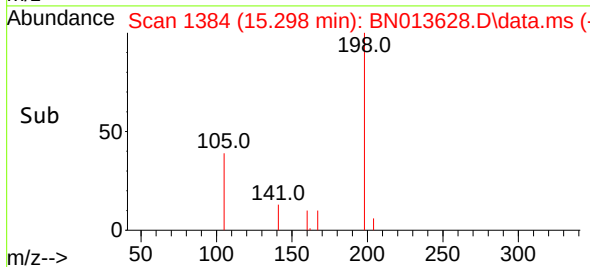
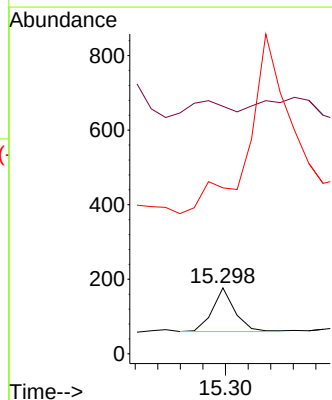
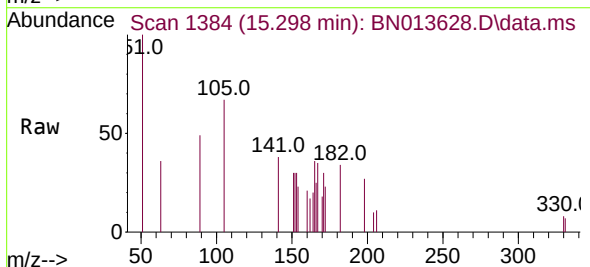
Instrument :
BNA_N
ClientSampleId :
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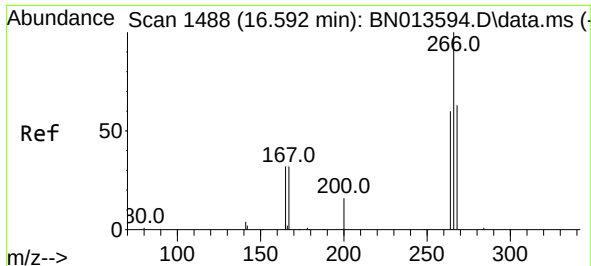
Tgt Ion:188 Resp: 29522
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.9 9.0 13.6#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.298 min Scan# 1384
Delta R.T. -0.025 min
Lab File: BN013628.D
Acq: 15 Feb 2021 17:33

Tgt Ion:198 Resp: 161
Ion Ratio Lower Upper
198 100
51 375.1 61.7 92.5#
105 251.4 33.0 49.6#

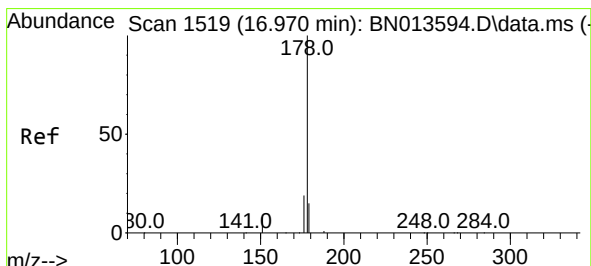
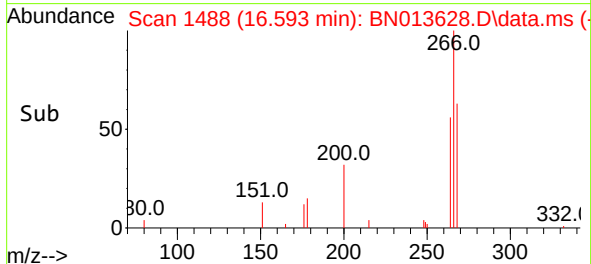
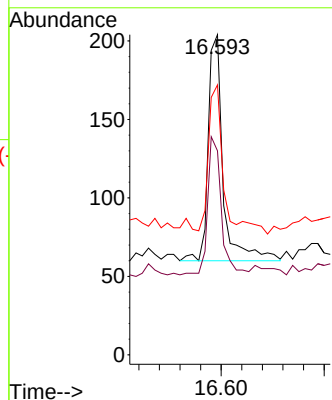
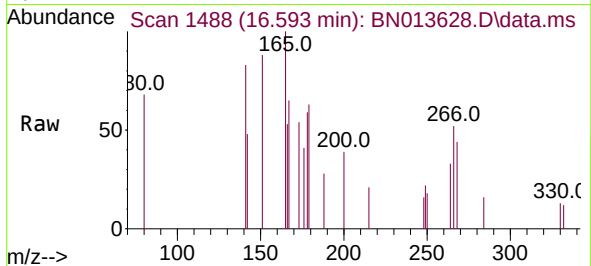




#24
Pentachlorophenol
Concen: 0.26 ng
RT: 16.593 min Scan# 1488
Delta R.T. 0.001 min
Lab File: BN013628.D
Acq: 15 Feb 2021 17:33

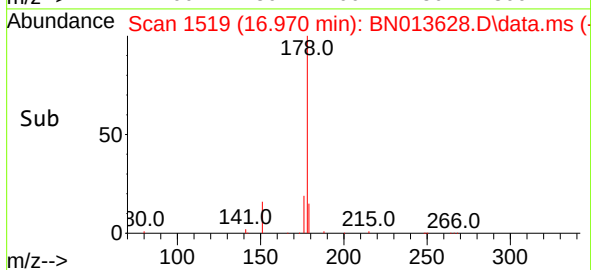
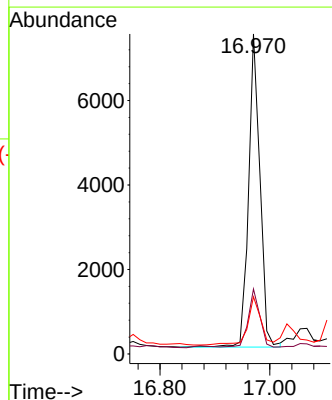
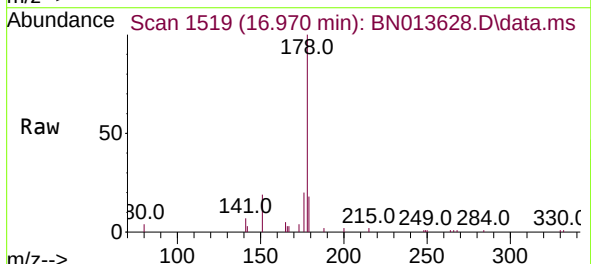
Instrument :
BNA_N
ClientSampleId :
GWBR2-SC-93-021121

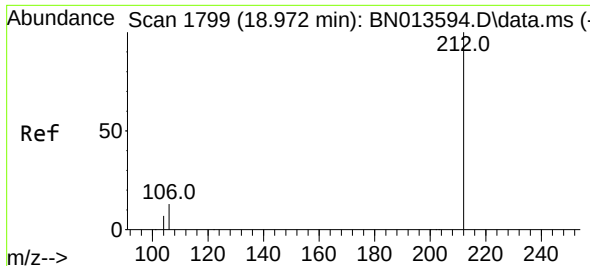
Tgt Ion:	266	Resp:	289
Ion Ratio	Lower	Upper	
266	100		
264	55.7	51.6	77.4
268	57.4	54.6	82.0



#25
Phenanthrene
Concen: 0.13 ng
RT: 16.970 min Scan# 1519
Delta R.T. 0.001 min
Lab File: BN013628.D
Acq: 15 Feb 2021 17:33

Tgt Ion:	178	Resp:	10671
Ion Ratio	Lower	Upper	
178	100		
176	18.4	15.0	22.4
179	17.5	12.3	18.5

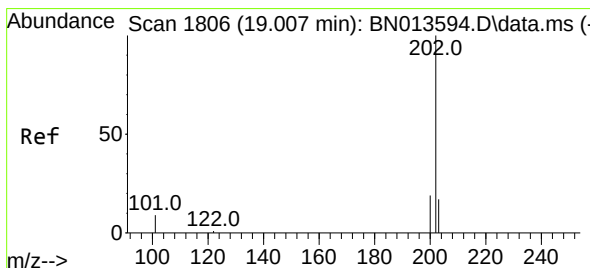
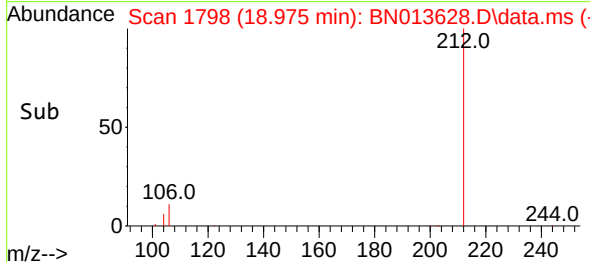
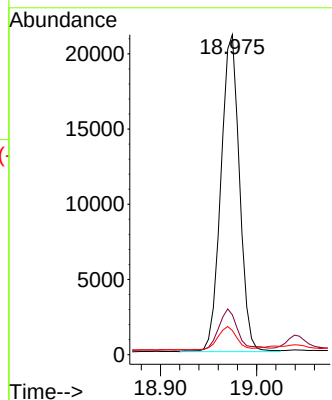
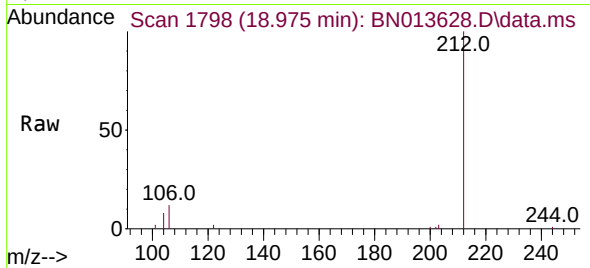




#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 18.975 min Scan# 1798
Delta R.T. 0.003 min
Lab File: BN013628.D
Acq: 15 Feb 2021 17:33

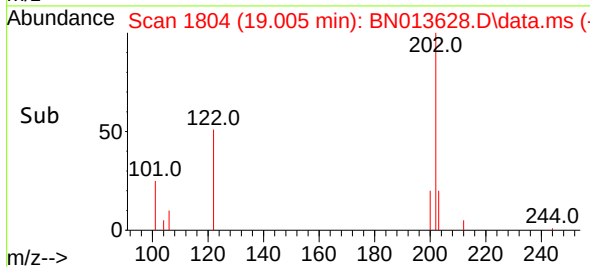
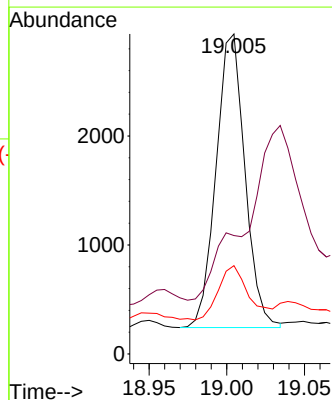
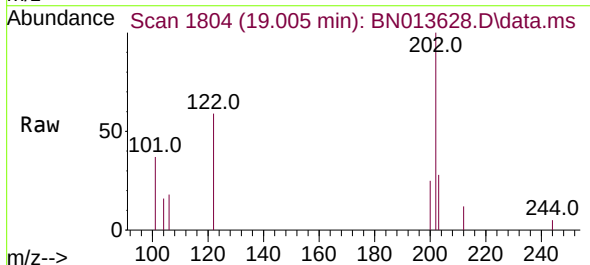
Instrument :
BNA_N
ClientSampleId :
GWBR2-SC-93-021121

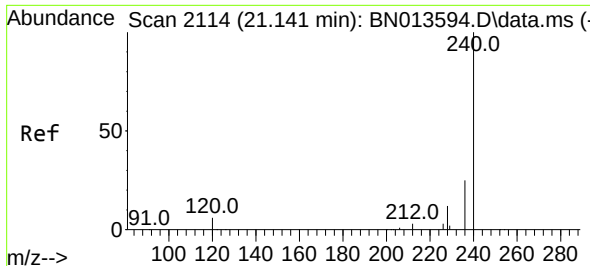
Tgt Ion:212 Resp: 28329
Ion Ratio Lower Upper
212 100
106 13.5 9.7 14.5
104 7.2 5.5 8.3



#28
Fluoranthene
Concen: 0.04 ng
RT: 19.005 min Scan# 1804
Delta R.T. -0.002 min
Lab File: BN013628.D
Acq: 15 Feb 2021 17:33

Tgt Ion:202 Resp: 3480
Ion Ratio Lower Upper
202 100
101 0.0 8.1 12.1#
203 19.5 13.9 20.9

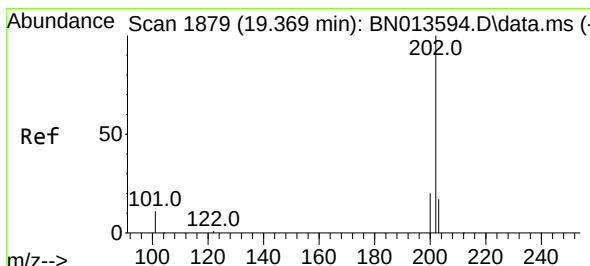
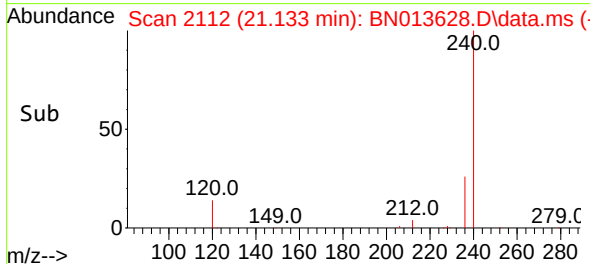
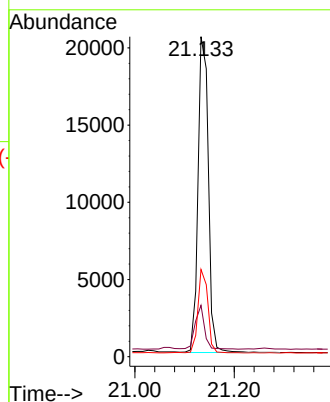
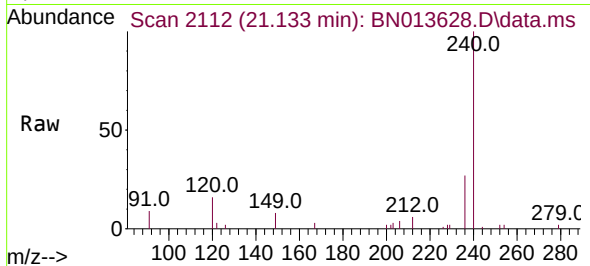




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.133 min Scan# 2112
Delta R.T. -0.008 min
Lab File: BN013628.D
Acq: 15 Feb 2021 17:33

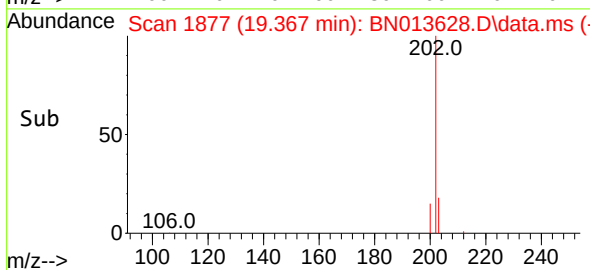
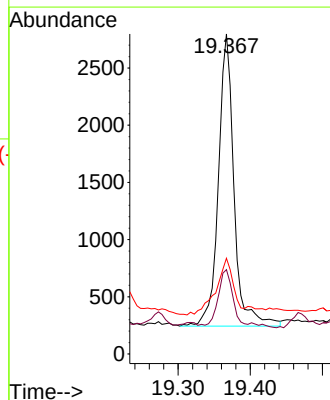
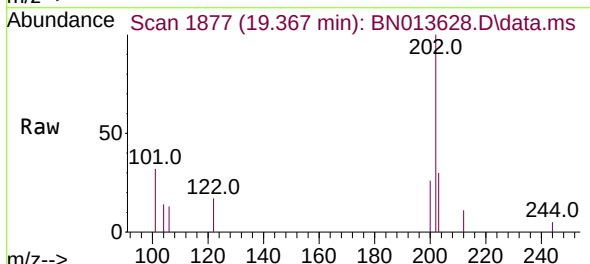
Instrument :
BNA_N
ClientSampleId :
GWBR2-SC-93-021121

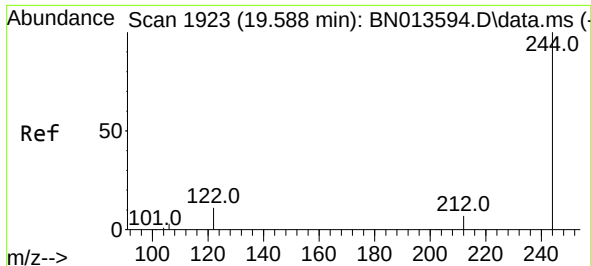
Tgt Ion:240 Resp: 29610
Ion Ratio Lower Upper
240 100
120 16.1 10.2 15.4#
236 27.3 21.3 31.9



#30
Pyrene
Concen: 0.04 ng
RT: 19.367 min Scan# 1877
Delta R.T. -0.002 min
Lab File: BN013628.D
Acq: 15 Feb 2021 17:33

Tgt Ion:202 Resp: 3850
Ion Ratio Lower Upper
202 100
200 16.7 16.3 24.5
203 21.7 14.0 21.0#

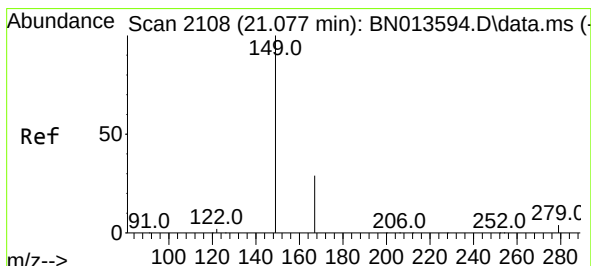
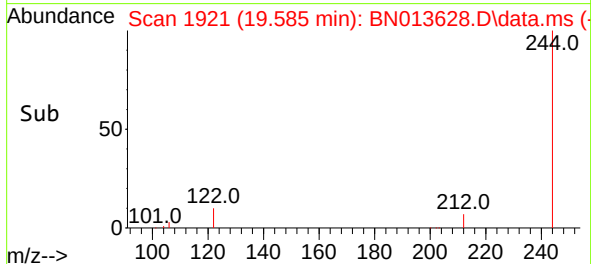
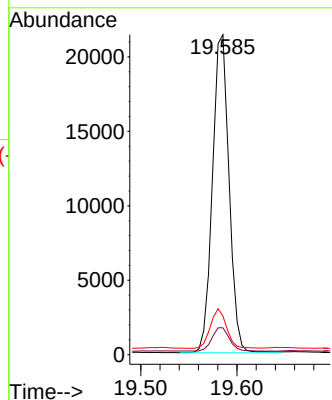
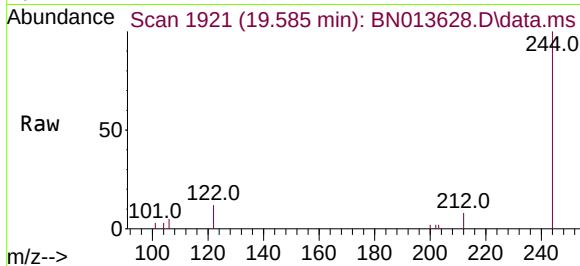




#31
Terphenyl-d14
Concen: 0.39 ng
RT: 19.585 min Scan# 1921
Delta R.T. -0.002 min
Lab File: BN013628.D
Acq: 15 Feb 2021 17:33

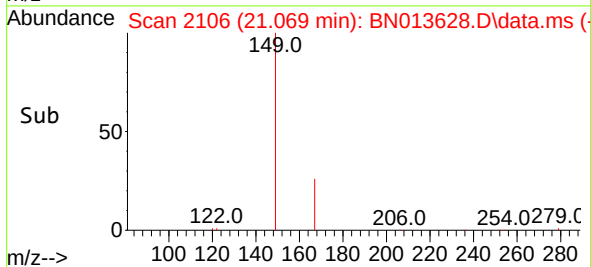
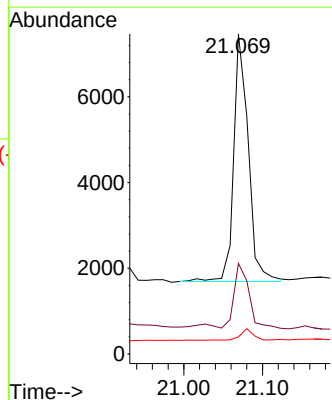
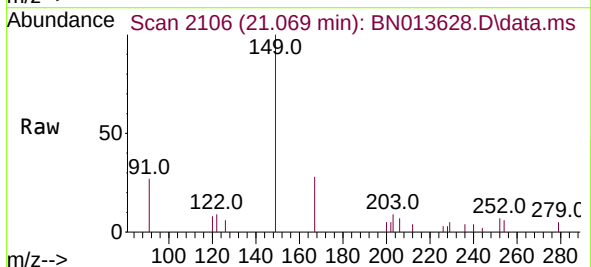
Instrument :
BNA_N
ClientSampleId :
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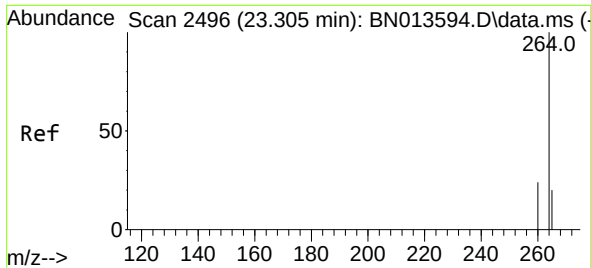
Tgt Ion:244 Resp: 25600
Ion Ratio Lower Upper
244 100
212 8.4 6.1 9.1
122 12.0 9.8 14.8



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.32 ng
RT: 21.069 min Scan# 2106
Delta R.T. -0.008 min
Lab File: BN013628.D
Acq: 15 Feb 2021 17:33

Tgt Ion:149 Resp: 7447
Ion Ratio Lower Upper
149 100
167 26.3 22.1 33.1
279 4.4 3.5 5.3





#36

Perylene-d12

Concen: 0.40 ng

RT: 23.304 min Scan# 2494

Delta R.T. -0.001 min

Lab File: BN013628.D

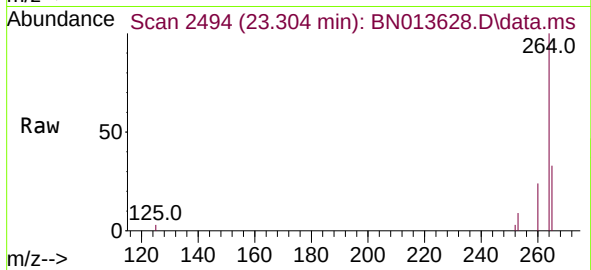
Acq: 15 Feb 2021 17:33

Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:264	Resp:	28419
Ion Ratio	Lower	Upper
264	100	
260	24.2	19.3 28.9
265	32.9	66.2 99.4#

