

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071421\
 Data File : BN015569.D
 Acq On : 14 Jul 2021 18:27
 Operator : CG/JU
 Sample : M2953-02DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-11B-070621DL

Quant Time: Jul 15 01:05:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 14 11:20:16 2021
 Response via : Initial Calibration

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

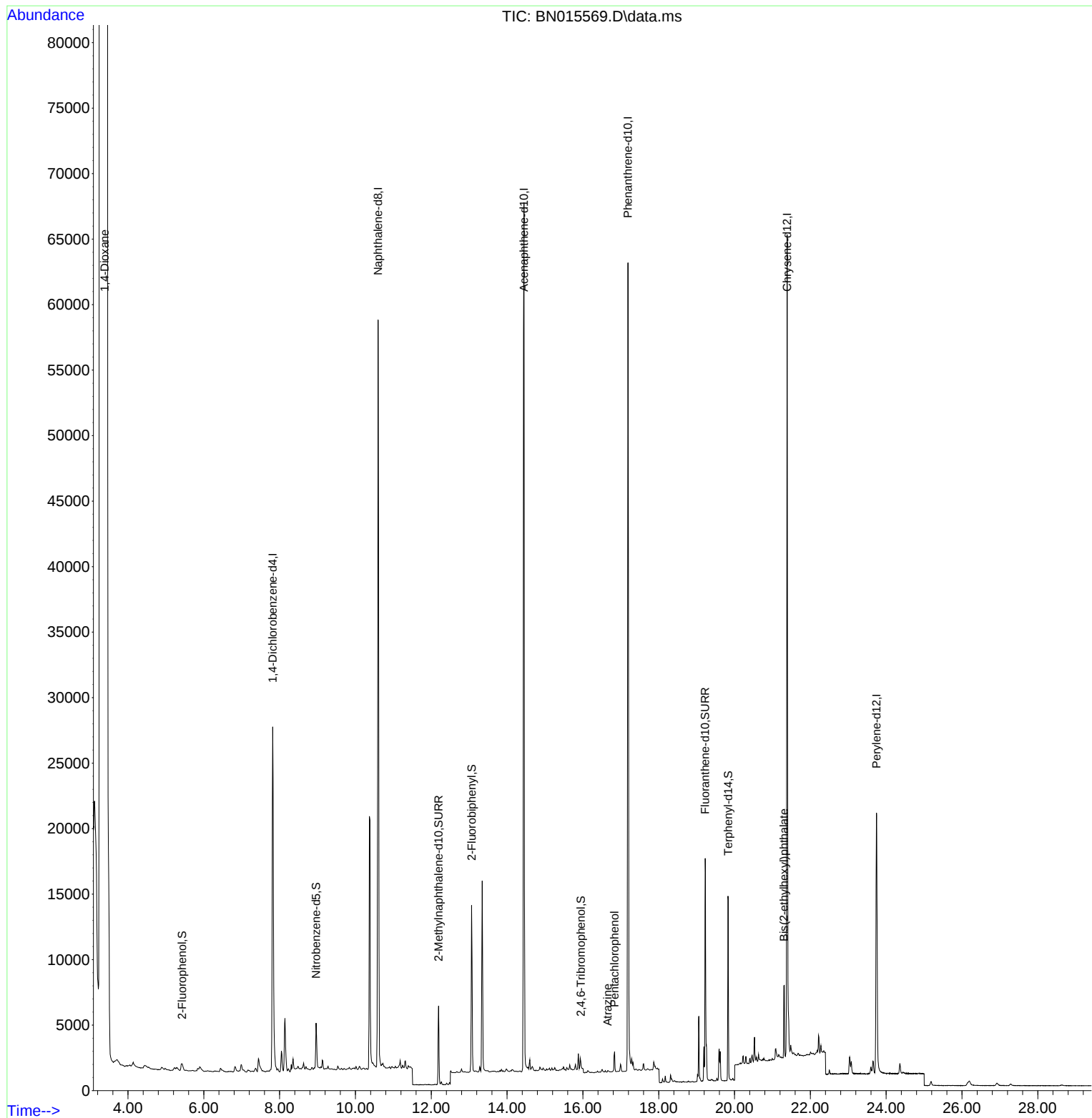
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	16503	0.400	ng	# 0.00
7) Naphthalene-d8	10.596	136	77669	0.400	ng	# 0.00
13) Acenaphthene-d10	14.446	164	42900	0.400	ng	0.01
19) Phenanthrene-d10	17.188	188	83871	0.400	ng	0.00
29) Chrysene-d12	21.386	240	56679	0.400	ng	# 0.00
35) Perylene-d12	23.744	264	30200	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.429	112	981	0.023	ng	0.00
5) Phenol-d6	6.987	99	663	0.013	ng	0.00
8) Nitrobenzene-d5	8.962	82	3240	0.074	ng	0.00
11) 2-Methylnaphthalene-d10	12.194	152	8173	0.064	ng	0.00
14) 2,4,6-Tribromophenol	15.943	330	735	0.259	ng	0.01
15) 2-Fluorobiphenyl	13.063	172	11409	0.065	ng	0.00
27) Fluoranthene-d10	19.226	212	19315	0.078	ng	0.00
31) Terphenyl-d14	19.832	244	14440	0.109	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.382	88	41819	5.405	ng	# 62
23) Atrazine	16.652	200	89	0.175	ng	# 47
24) Pentachlorophenol	16.835	266	1245	0.366	ng	# 35
34) Bis(2-ethylhexyl)phtha...	21.301	149	6092	0.236	ng	# 87

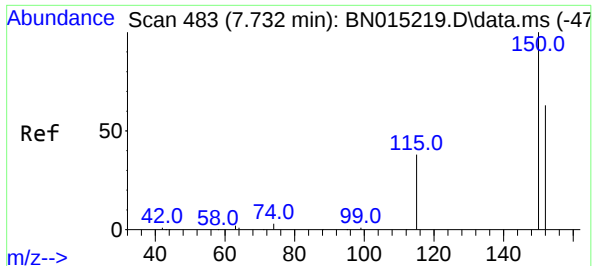
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

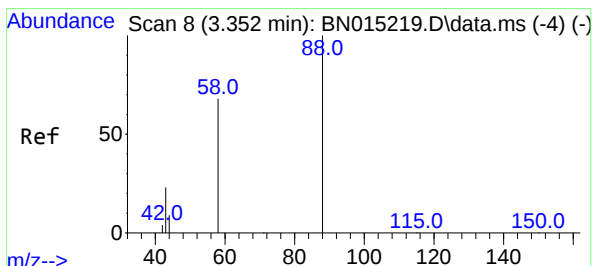
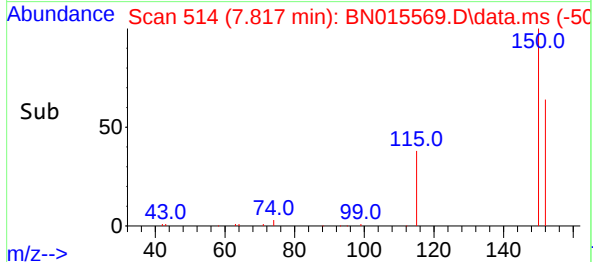
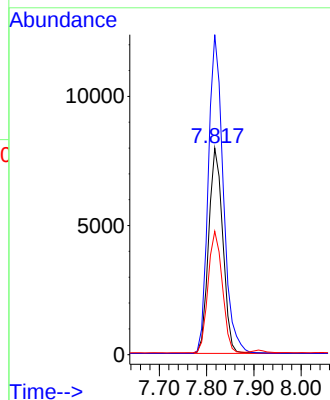
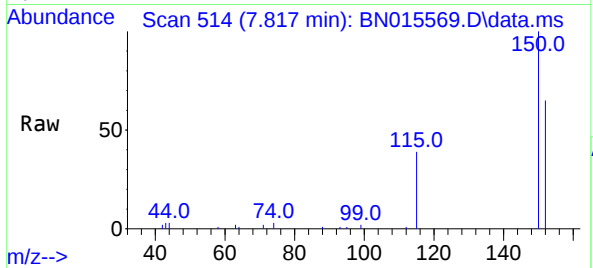




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.817 min Scan# 514
Delta R.T. 0.000 min
Lab File: BN015569.D
Acq: 14 Jul 2021 18:27

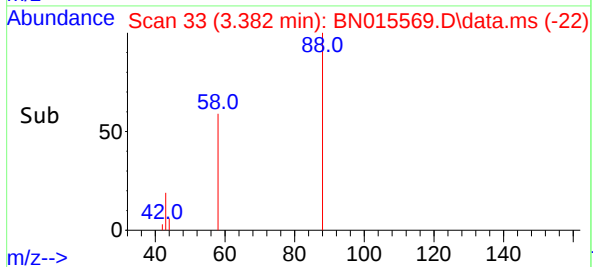
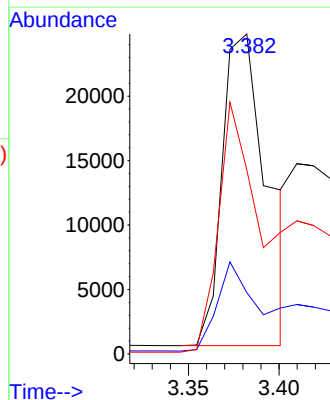
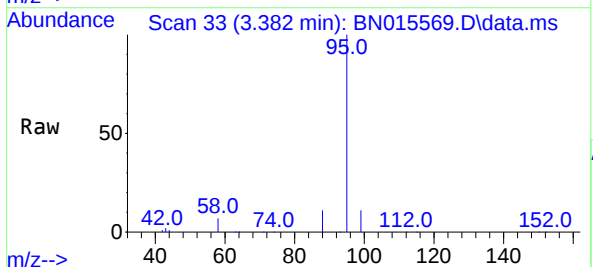
Instrument :
BNA_N
ClientSampleId :
MW-11B-070621DL

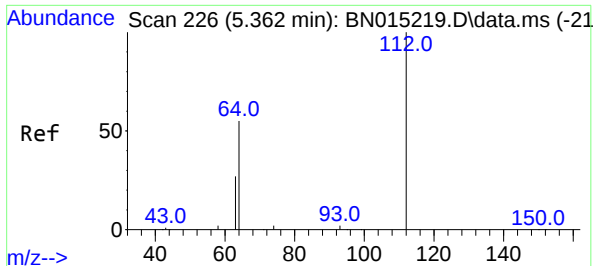
Tgt Ion:152 Resp: 16503
Ion Ratio Lower Upper
152 100
150 154.9 119.0 178.6
115 59.7 62.2 93.4#



#2
1,4-Dioxane
Concen: 5.405 ng
RT: 3.382 min Scan# 33
Delta R.T. 0.000 min
Lab File: BN015569.D
Acq: 14 Jul 2021 18:27

Tgt Ion: 88 Resp: 41819
Ion Ratio Lower Upper
88 100
43 26.9 12.9 19.3#
58 75.9 38.1 57.1#

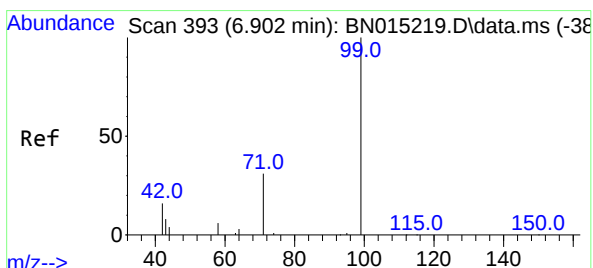
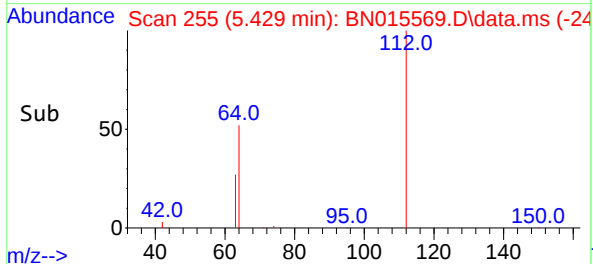
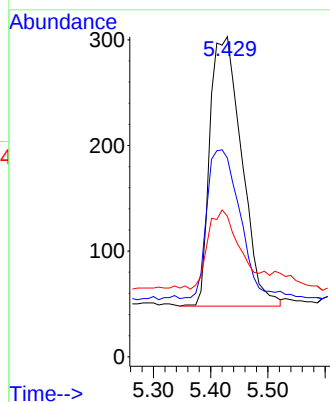
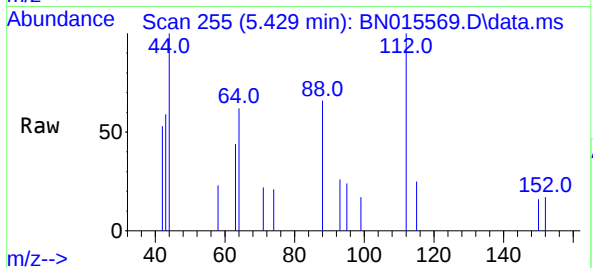




#4
2-Fluorophenol
Concen: 0.023 ng
RT: 5.429 min Scan# 255
Delta R.T. 0.009 min
Lab File: BN015569.D
Acq: 14 Jul 2021 18:27

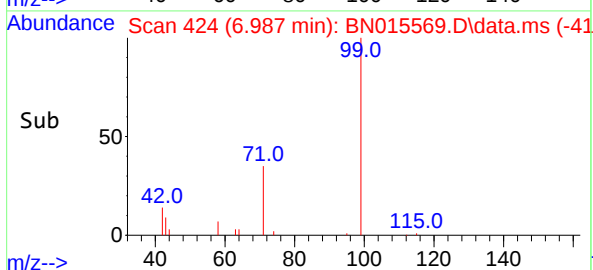
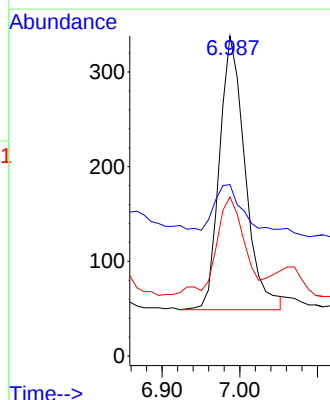
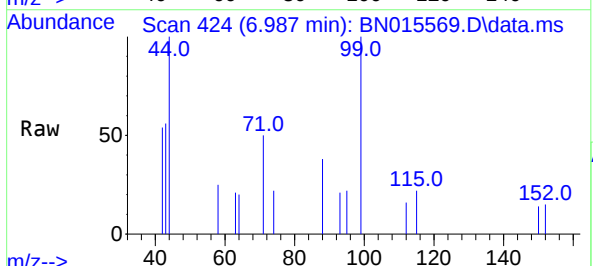
Instrument :
BNA_N
ClientSampleId :
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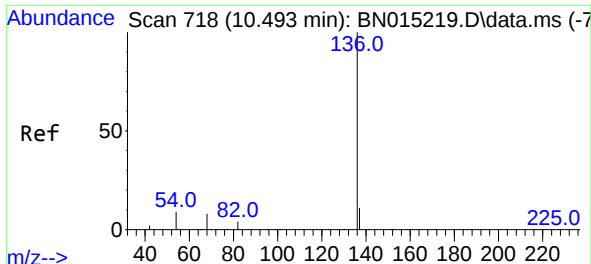
Tgt Ion:	112	Resp:	981
Ion	Ratio	Lower	Upper
112	100		
64	57.8	39.0	58.6
63	29.1	20.6	30.8



#5
Phenol-d6
Concen: 0.013 ng
RT: 6.987 min Scan# 424
Delta R.T. 0.000 min
Lab File: BN015569.D
Acq: 14 Jul 2021 18:27

Tgt Ion:	99	Resp:	663
Ion	Ratio	Lower	Upper
99	100		
42	16.6	8.9	13.3
71	39.8	35.6	53.4

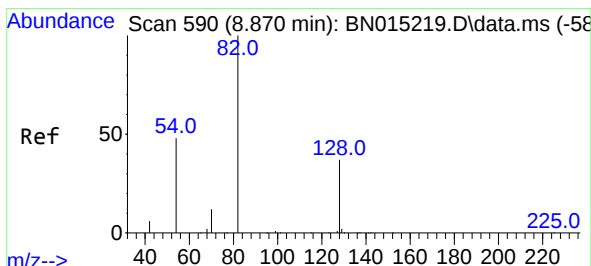
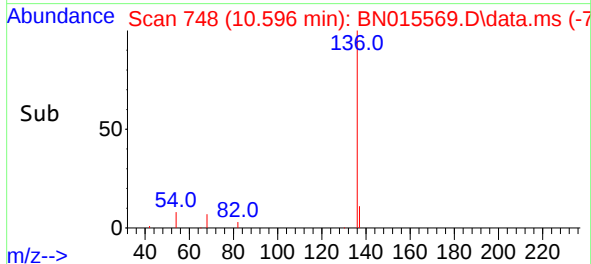
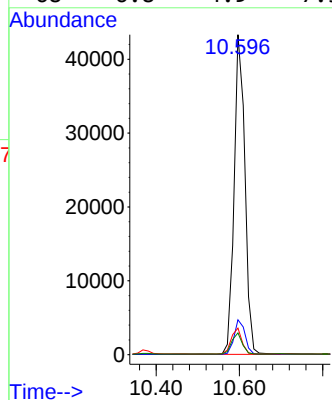
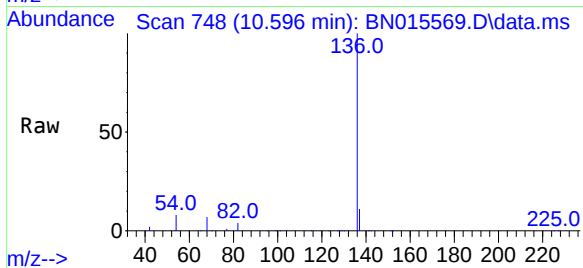




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.596 min Scan# 748
Delta R.T. 0.000 min
Lab File: BN015569.D
Acq: 14 Jul 2021 18:27

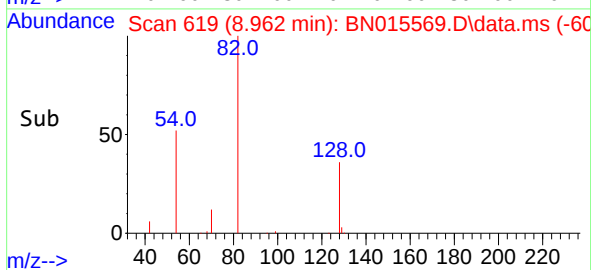
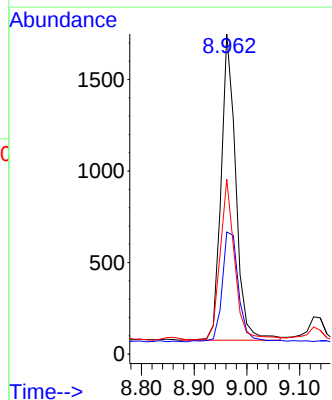
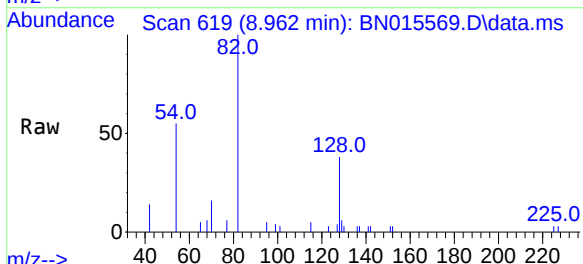
Instrument :
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ClientSampleId :
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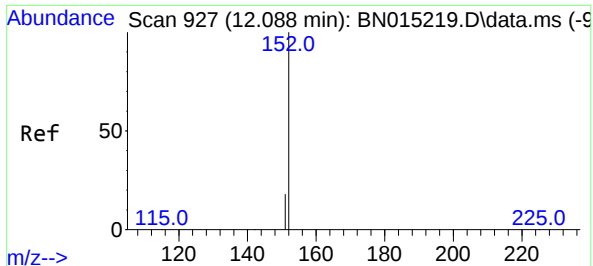
Tgt Ion:136	Resp:	77669
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.8 14.8
54	8.3	5.4 8.2#
68	6.8	4.9 7.3



#8
Nitrobenzene-d5
Concen: 0.074 ng
RT: 8.962 min Scan# 619
Delta R.T. 0.000 min
Lab File: BN015569.D
Acq: 14 Jul 2021 18:27

Tgt Ion: 82	Resp:	3240
Ion Ratio	Lower	Upper
82	100	
128	38.1	31.6 47.4
54	54.6	29.0 43.4#

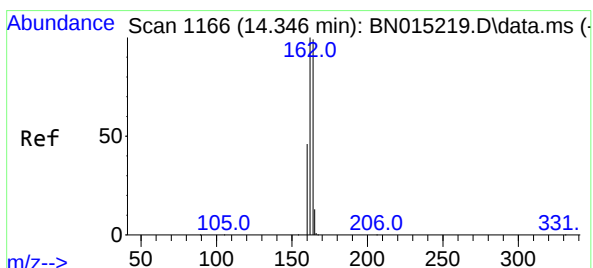
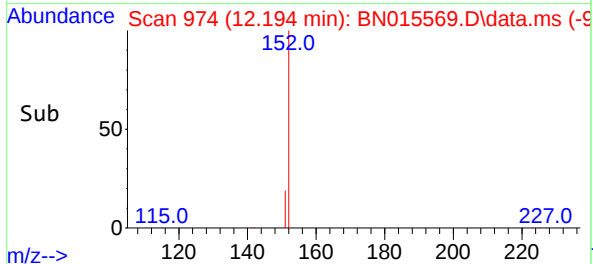
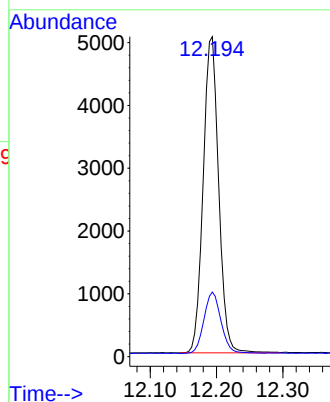
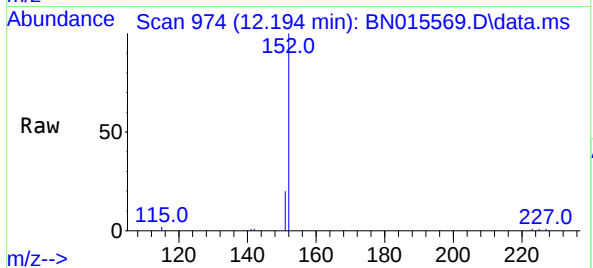




#11
2-Methylnaphthalene-d10
Concen: 0.064 ng
RT: 12.194 min Scan# 974
Delta R.T. 0.004 min
Lab File: BN015569.D
Acq: 14 Jul 2021 18:27

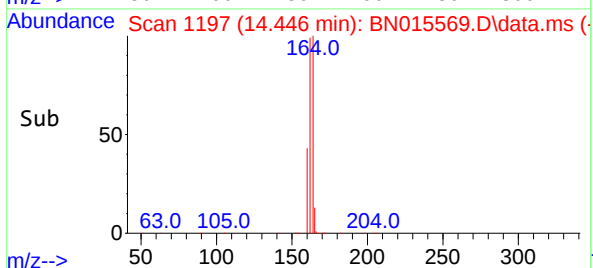
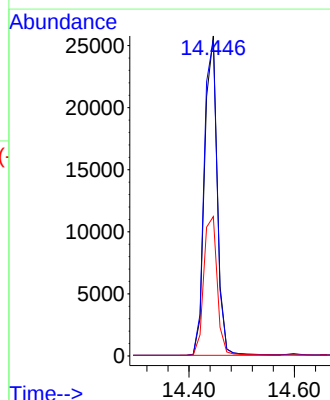
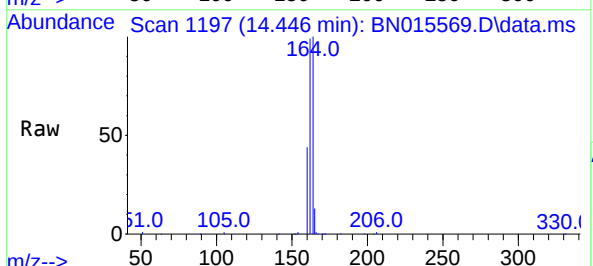
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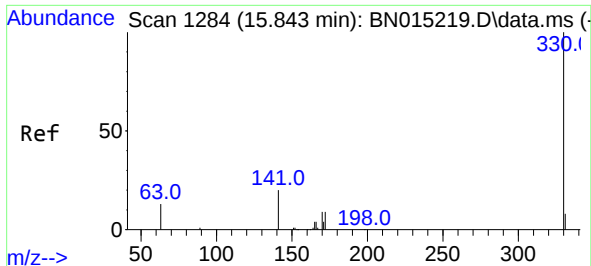
Tgt Ion:152 Resp: 8173
Ion Ratio Lower Upper
152 100
151 21.5 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.446 min Scan# 1197
Delta R.T. 0.013 min
Lab File: BN015569.D
Acq: 14 Jul 2021 18:27

Tgt Ion:164 Resp: 42900
Ion Ratio Lower Upper
164 100
162 98.7 83.8 125.6
160 43.6 37.4 56.0

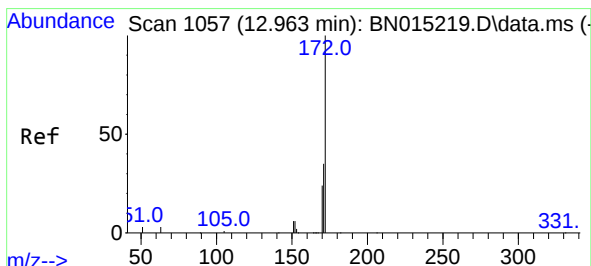
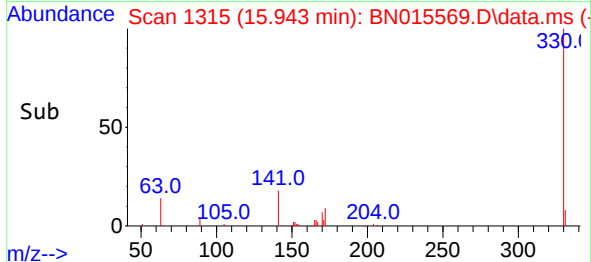
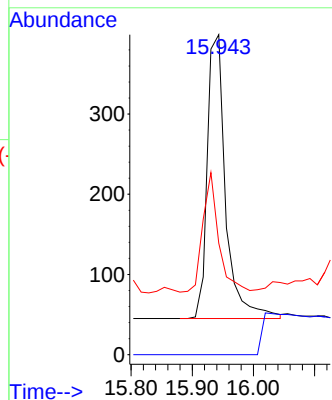
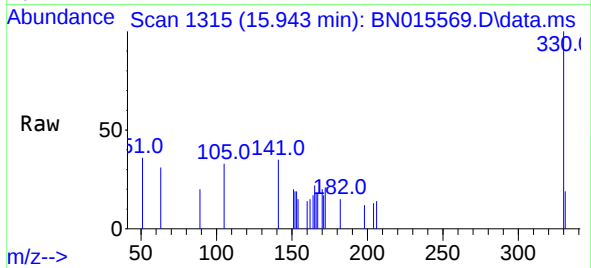




#14
2,4,6-Tribromophenol
Concen: 0.259 ng
RT: 15.943 min Scan# 1315
Delta R.T. 0.013 min
Lab File: BN015569.D
Acq: 14 Jul 2021 18:27

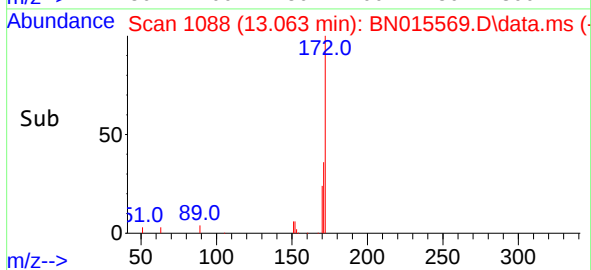
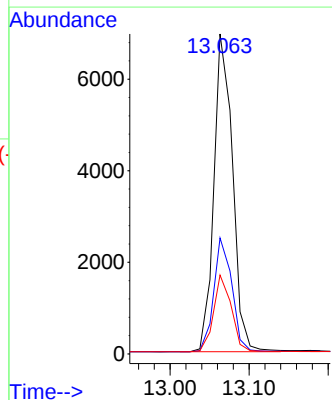
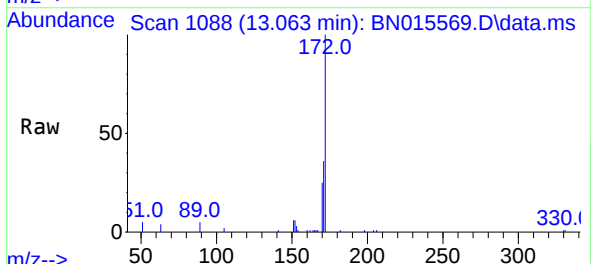
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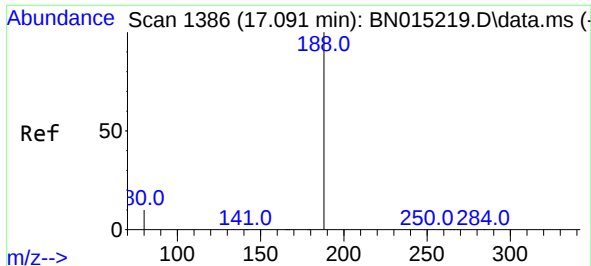
Tgt Ion:330 Resp: 735
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.5 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.065 ng
RT: 13.063 min Scan# 1088
Delta R.T. 0.000 min
Lab File: BN015569.D
Acq: 14 Jul 2021 18:27

Tgt Ion:172 Resp: 11409
Ion Ratio Lower Upper
172 100
171 36.3 30.6 45.8
170 24.6 20.2 30.4

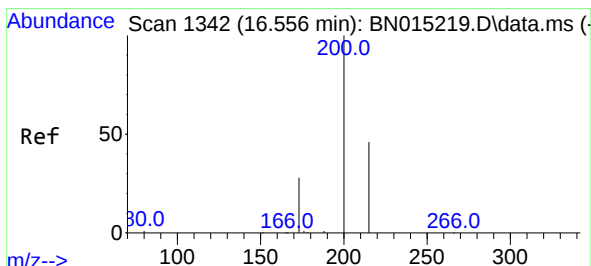
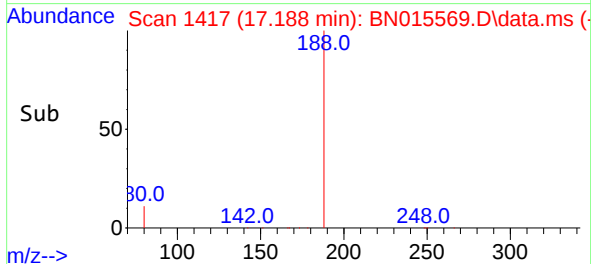
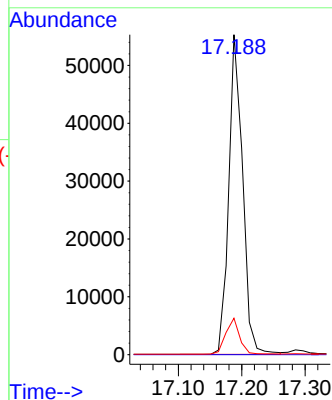
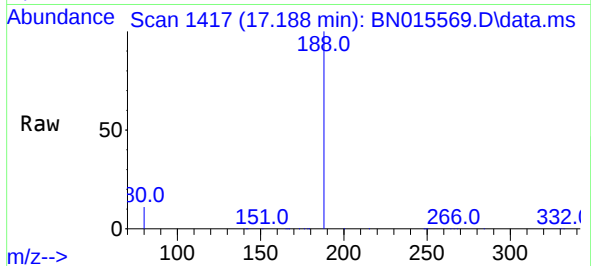




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.188 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BN015569.D
Acq: 14 Jul 2021 18:27

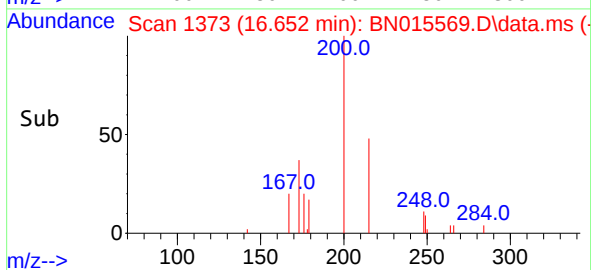
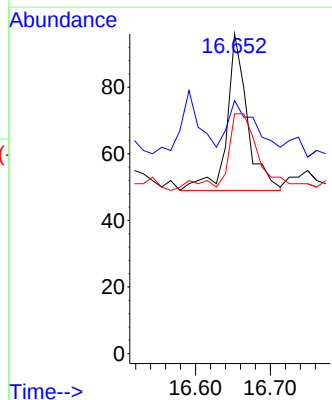
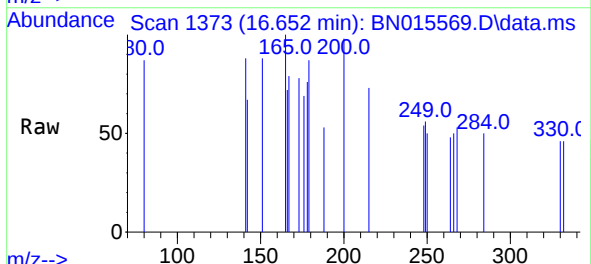
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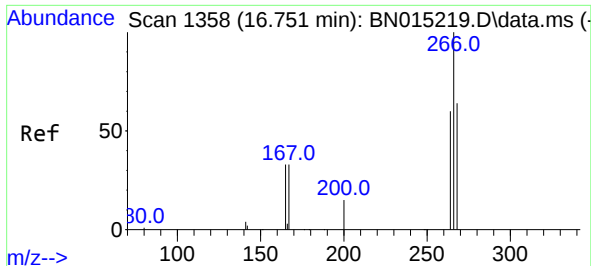
Tgt Ion:188 Resp: 83871
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 9.0 13.4



#23
Atrazine
Concen: 0.175 ng
RT: 16.652 min Scan# 1373
Delta R.T. -0.000 min
Lab File: BN015569.D
Acq: 14 Jul 2021 18:27

Tgt Ion:200 Resp: 89
Ion Ratio Lower Upper
200 100
173 79.2 21.7 32.5#
215 75.0 43.1 64.7#

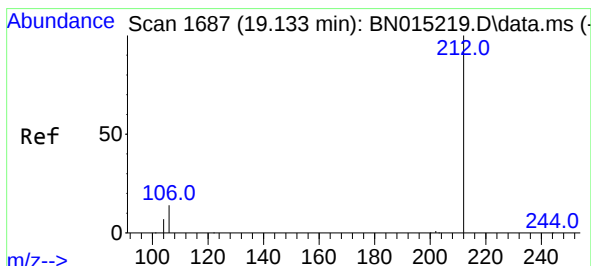
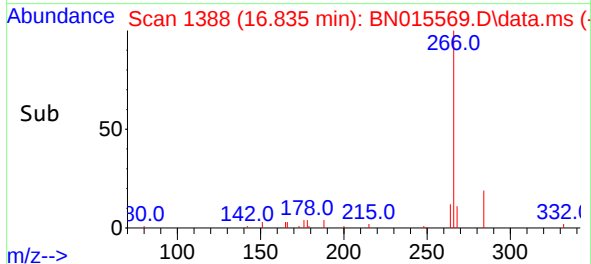
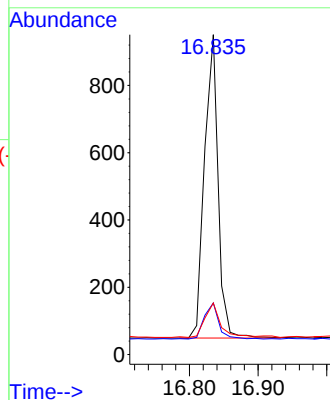
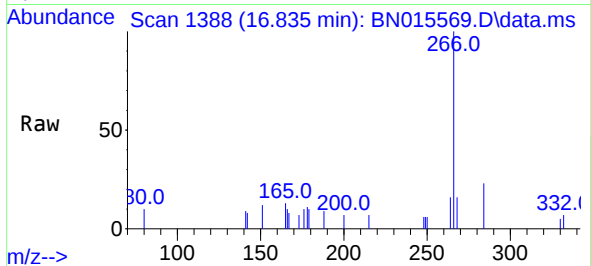




#24
Pentachlorophenol
Concen: 0.366 ng
RT: 16.835 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BN015569.D
Acq: 14 Jul 2021 18:27

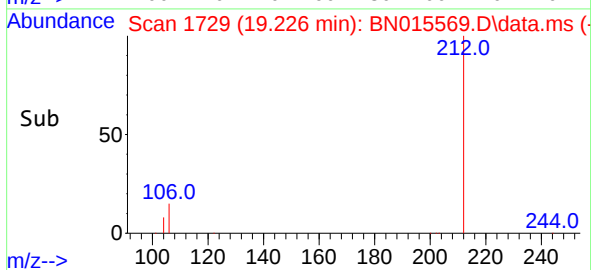
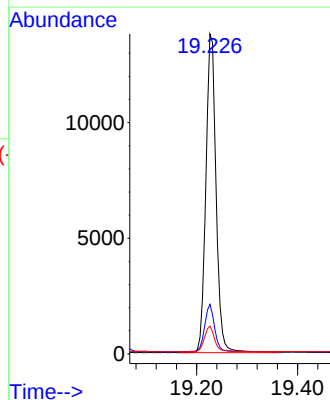
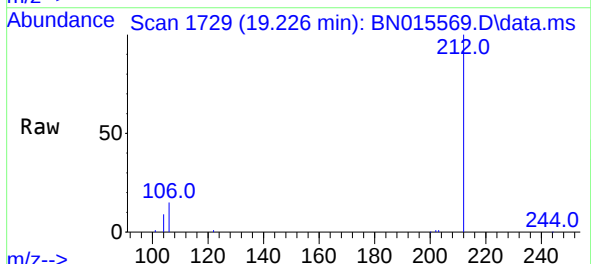
Instrument :
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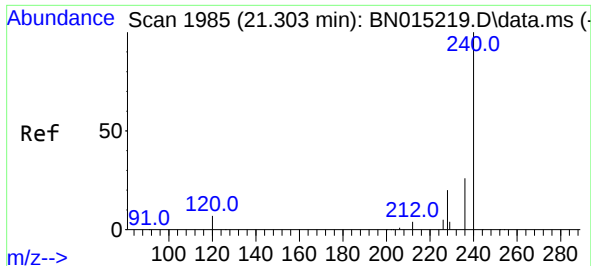
Tgt Ion:	266	Resp:	1245
Ion Ratio	Lower	Upper	
266	100		
264	12.9	51.0	76.4#
268	13.3	50.6	76.0#



#27
Fluoranthene-d10
Concen: 0.078 ng
RT: 19.226 min Scan# 1729
Delta R.T. 0.000 min
Lab File: BN015569.D
Acq: 14 Jul 2021 18:27

Tgt Ion:	212	Resp:	19315
Ion Ratio	Lower	Upper	
212	100		
106	14.5	7.0	10.6#
104	8.2	4.1	6.1#

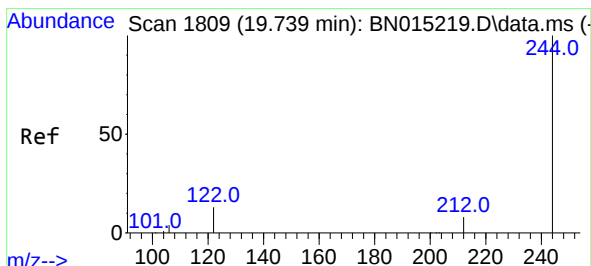
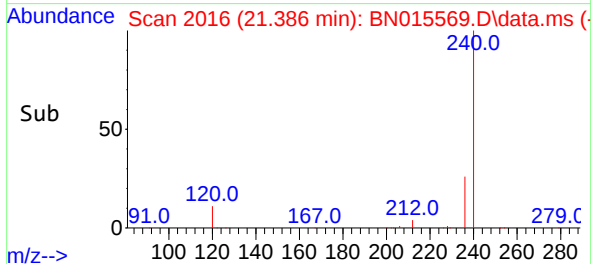
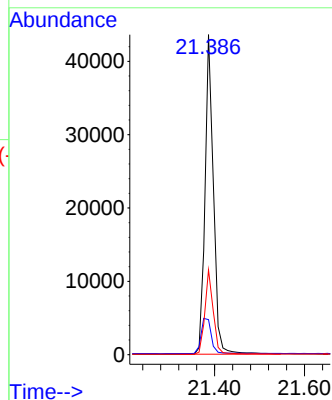
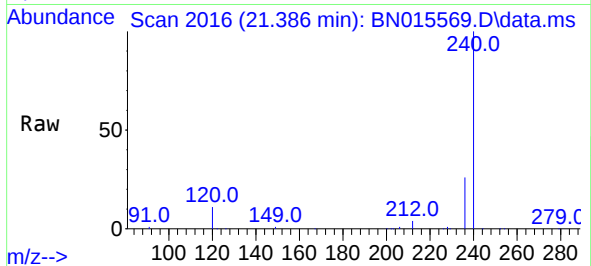




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.386 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BN015569.D
Acq: 14 Jul 2021 18:27

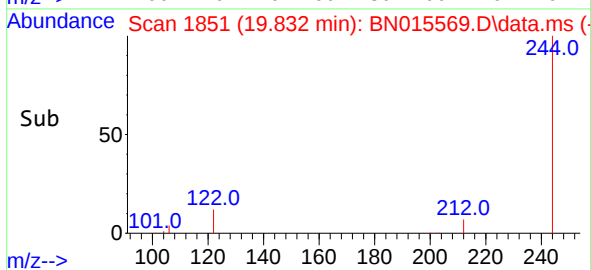
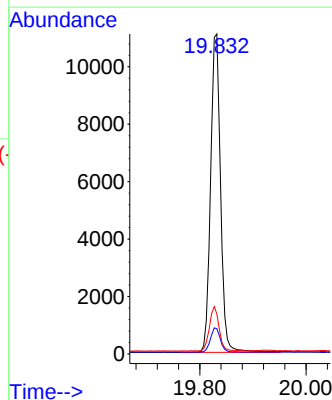
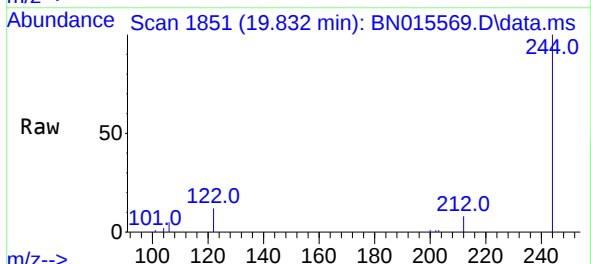
Instrument :
BNA_N
ClientSampleId :
MW-11B-070621DL

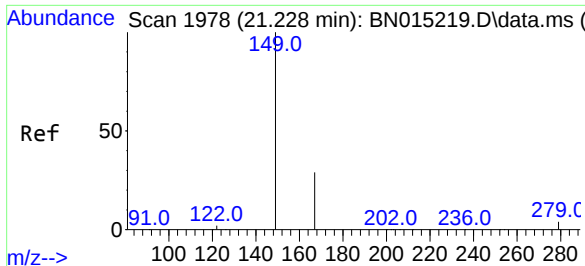
Tgt Ion:240 Resp: 56679
Ion Ratio Lower Upper
240 100
120 10.9 4.2 6.4#
236 26.5 21.4 32.2



#31
Terphenyl-d14
Concen: 0.109 ng
RT: 19.832 min Scan# 1851
Delta R.T. 0.005 min
Lab File: BN015569.D
Acq: 14 Jul 2021 18:27

Tgt Ion:244 Resp: 14440
Ion Ratio Lower Upper
244 100
212 7.9 6.3 9.5
122 12.5 6.2 9.2#

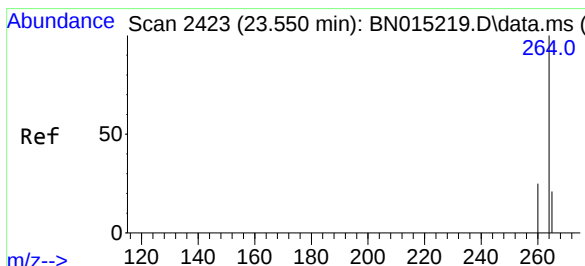
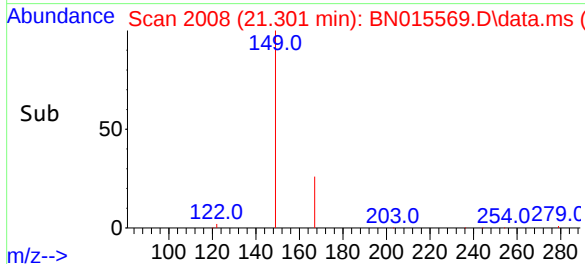
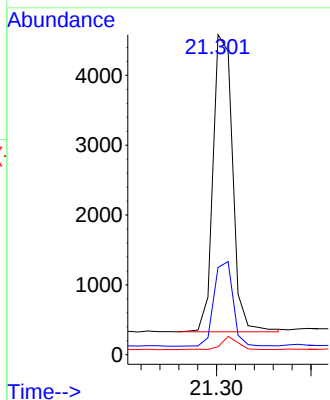
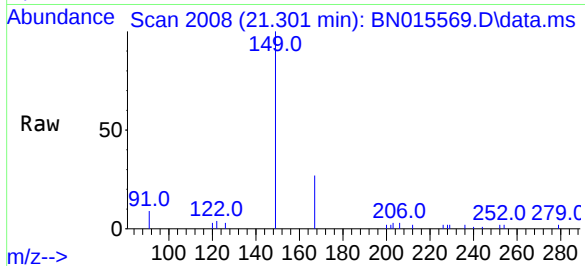




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.236 ng
RT: 21.301 min Scan# 2008
Delta R.T. -0.011 min
Lab File: BN015569.D
Acq: 14 Jul 2021 18:27

Instrument :
BNA_N
ClientSampleId :
MW-11B-070621DL

Tgt Ion:	149	Resp:	6092
Ion	Ratio	Lower	Upper
149	100		
167	27.8	28.9	43.3#
279	3.9	4.9	7.3#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.744 min Scan# 2503
Delta R.T. -0.003 min
Lab File: BN015569.D
Acq: 14 Jul 2021 18:27

Tgt Ion:	264	Resp:	30200
Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.6	31.0
265	25.7	21.4	32.2

