

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070221\
 Data File : BN015309.D
 Acq On : 02 Jul 2021 22:58
 Operator : CG/JU
 Sample : M2803-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT180D2-20210618

Quant Time: Jul 03 00:53:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 01 09:06:31 2021
 Response via : Initial Calibration

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

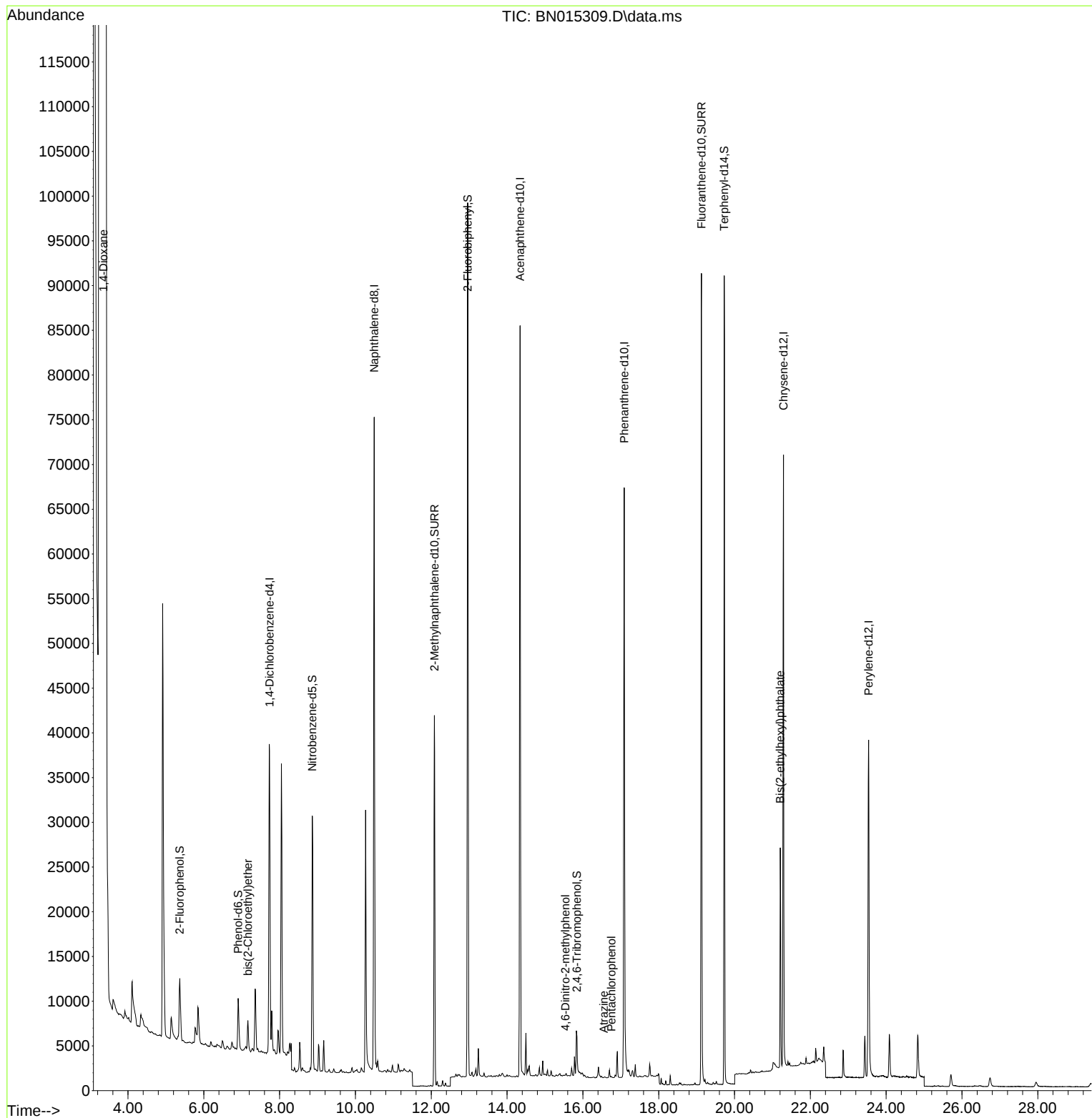
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.735	152	21228	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	96616	0.40	ng	0.00
13) Acenaphthene-d10	14.345	164	51030	0.40	ng	0.00
19) Phenanthrene-d10	17.091	188	97065	0.40	ng	0.00
29) Chrysene-d12	21.291	240	67636	0.40	ng	#-0.01
35) Perylene-d12	23.536	264	52766	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.365	112	8904	0.16	ng	0.00
5) Phenol-d6	6.905	99	5892	0.09	ng	0.00
8) Nitrobenzene-d5	8.860	82	25600	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	12.083	152	55105	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	5036	0.45	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	81209	0.39	ng	0.00
27) Fluoranthene-d10	19.127	212	104749	0.37	ng	0.00
31) Terphenyl-d14	19.728	244	89439	0.57	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	105103	10.56	ng	# 69
6) bis(2-Chloroethyl)ether	7.163	93	3140	0.05	ng	# 84
20) 4,6-Dinitro-2-methylph...	15.537	198	5	0.19	ng	# 1
23) Atrazine	16.555	200	18	0.17	ng	# 12
24) Pentachlorophenol	16.750	266	111	0.25	ng	88
34) Bis(2-ethylhexyl)phtha...	21.206	149	23765	0.43	ng	# 87

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

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Quant Time: Jul 03 00:53:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 01 09:06:31 2021
Response via : Initial Calibration

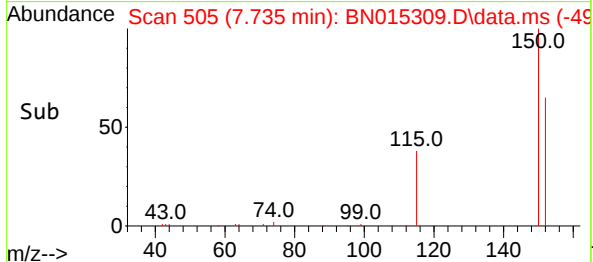
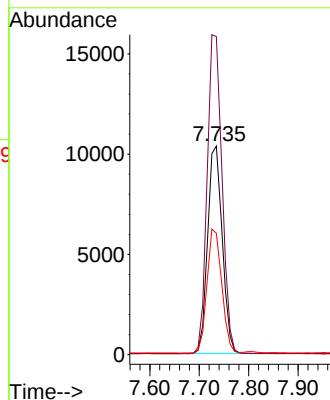
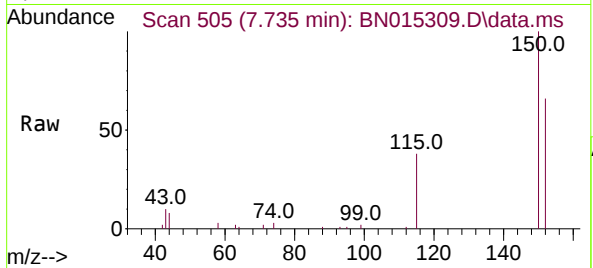




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.735 min Scan# 505
 Delta R.T. 0.003 min
 Lab File: BN015309.D
 Acq: 02 Jul 2021 22:58

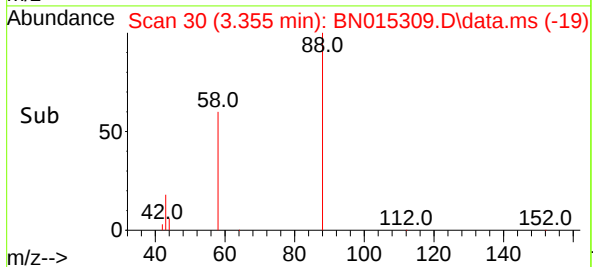
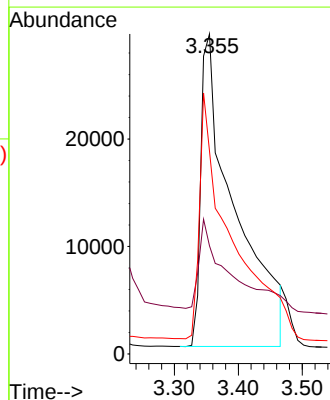
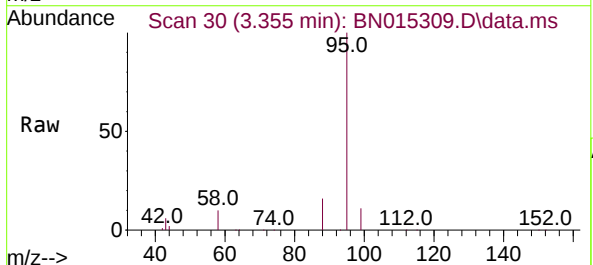
Instrument :
 BNA_N
 ClientSampleId :
 TT180D2-20210618

Tgt Ion: 152 Resp: 21228
 Ion Ratio Lower Upper
 152 100
 150 152.4 119.0 178.6
 115 58.2 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 10.56 ng
 RT: 3.355 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: BN015309.D
 Acq: 02 Jul 2021 22:58

Tgt Ion: 88 Resp: 105103
 Ion Ratio Lower Upper
 88 100
 43 24.5 12.9 19.3#
 58 71.3 38.1 57.1#

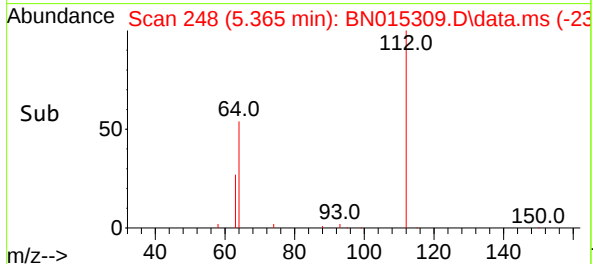
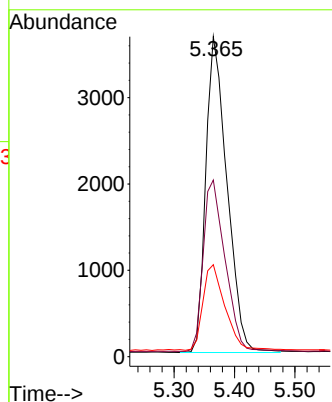
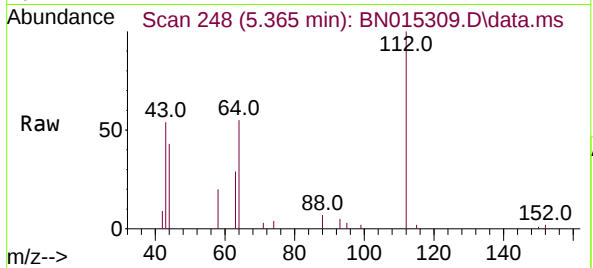




#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.365 min Scan# 248
Delta R.T. 0.003 min
Lab File: BN015309.D
Acq: 02 Jul 2021 22:58

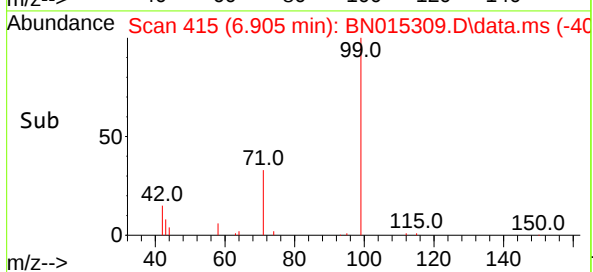
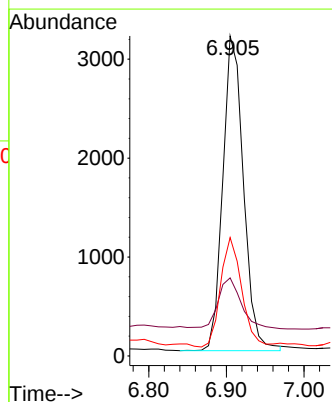
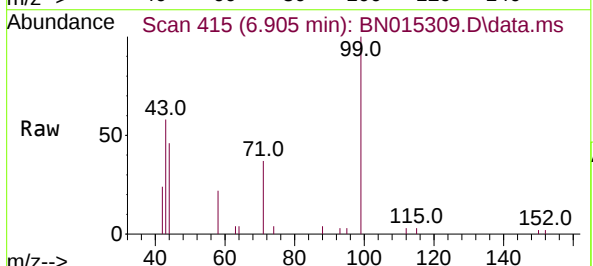
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ClientSampleId :
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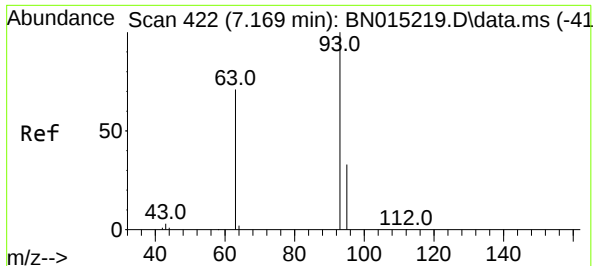
Tgt Ion:112 Resp: 8904
Ion Ratio Lower Upper
112 100
64 56.0 39.0 58.6
63 28.1 20.6 30.8



#5
Phenol-d6
Concen: 0.09 ng
RT: 6.905 min Scan# 415
Delta R.T. 0.003 min
Lab File: BN015309.D
Acq: 02 Jul 2021 22:58

Tgt Ion: 99 Resp: 5892
Ion Ratio Lower Upper
99 100
42 17.9 8.9 13.3#
71 35.8 35.6 53.4

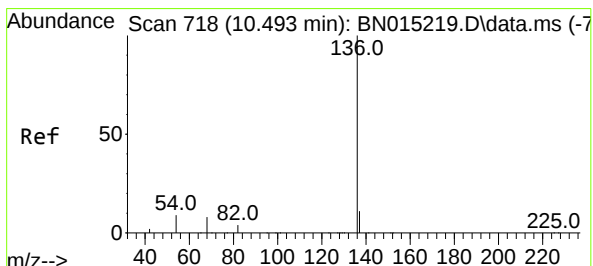
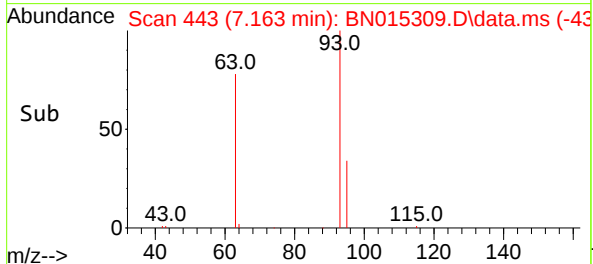
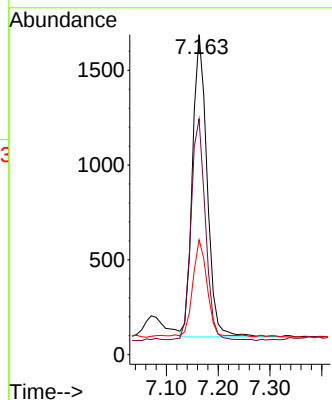
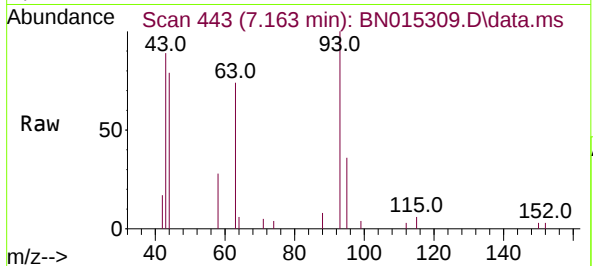




#6
bis(2-Chloroethyl)ether
Concen: 0.05 ng
RT: 7.163 min Scan# 443
Delta R.T. -0.006 min
Lab File: BN015309.D
Acq: 02 Jul 2021 22:58

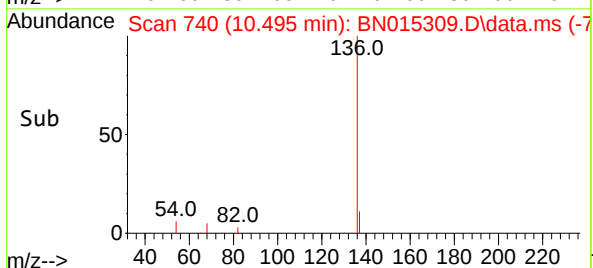
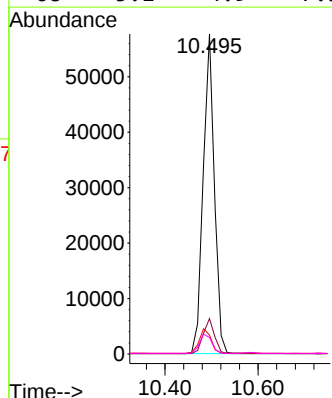
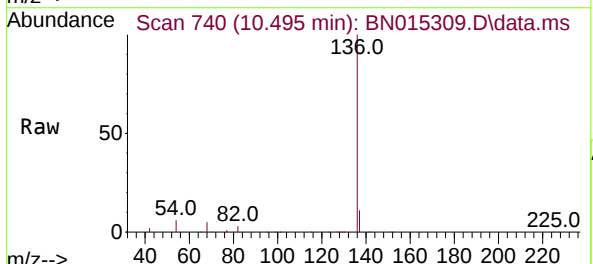
Instrument :
BNA_N
ClientSampleId :
TT180D2-20210618

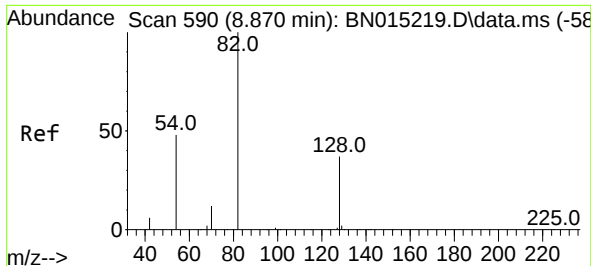
Tgt Ion: 93 Resp: 3140
Ion Ratio Lower Upper
93 100
63 72.8 46.6 70.0#
95 30.0 28.6 42.8



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015309.D
Acq: 02 Jul 2021 22:58

Tgt Ion: 136 Resp: 96616
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.8
54 5.9 5.4 8.2
68 5.1 4.9 7.3

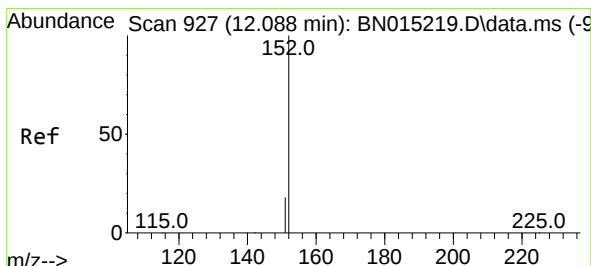
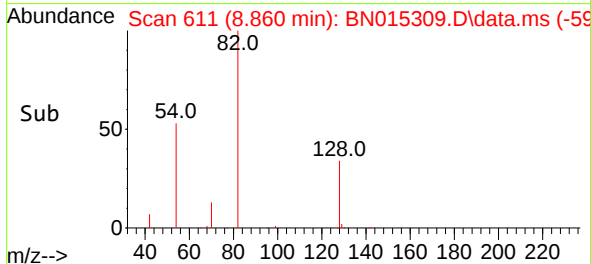
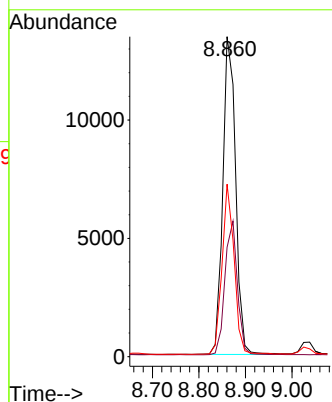
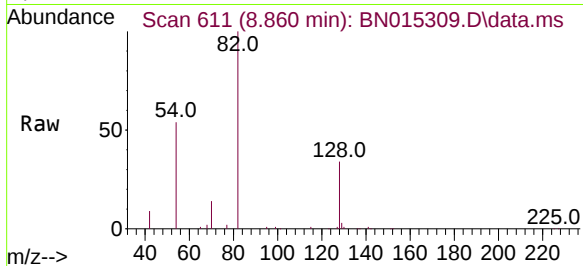




#8
Nitrobenzene-d5
Concen: 0.47 ng
RT: 8.860 min Scan# 611
Delta R.T. -0.010 min
Lab File: BN015309.D
Acq: 02 Jul 2021 22:58

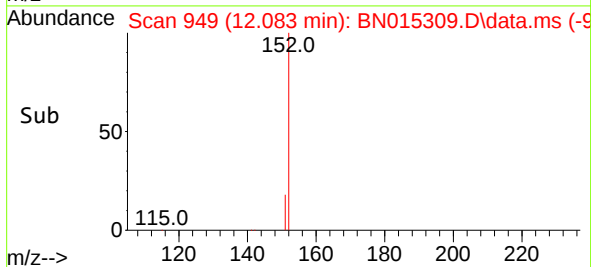
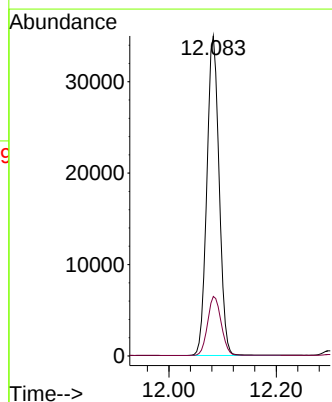
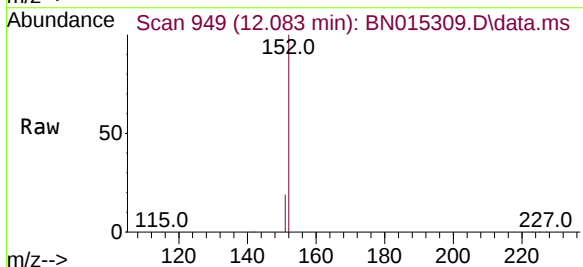
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BNA_N
ClientSampleId :
TT180D2-20210618

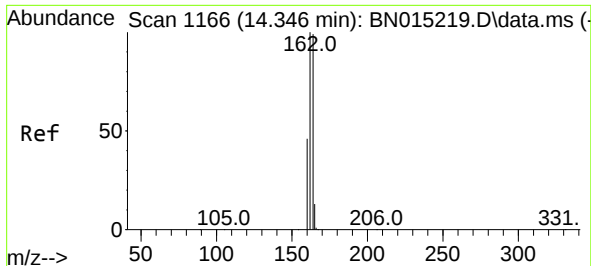
Tgt Ion: 82 Resp: 25600
Ion Ratio Lower Upper
82 100
128 34.2 31.6 47.4
54 53.9 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.34 ng
RT: 12.083 min Scan# 949
Delta R.T. -0.005 min
Lab File: BN015309.D
Acq: 02 Jul 2021 22:58

Tgt Ion: 152 Resp: 55105
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1

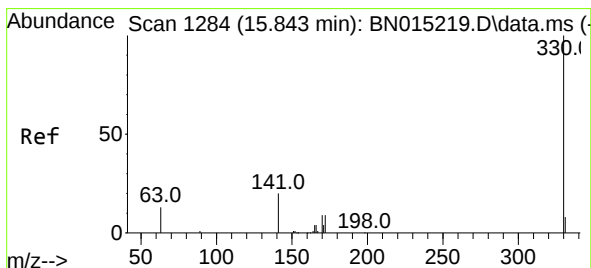
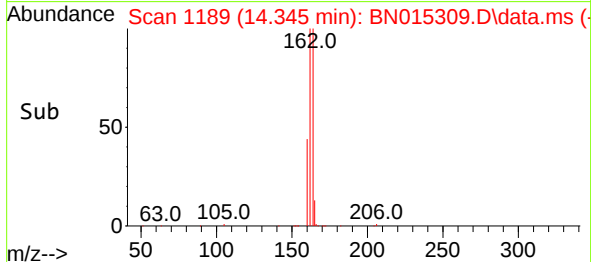
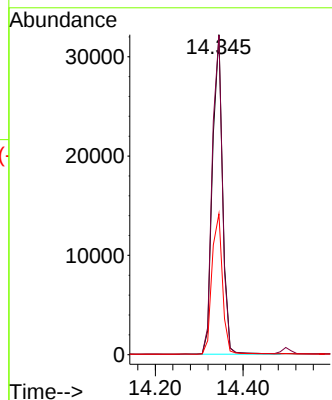
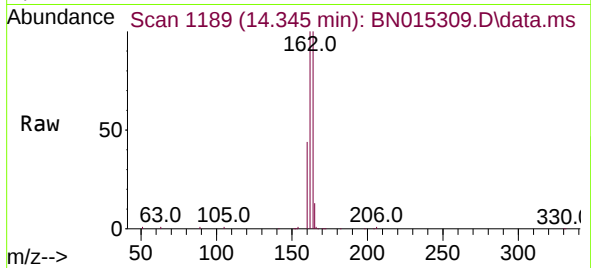




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.001 min
Lab File: BN015309.D
Acq: 02 Jul 2021 22:58

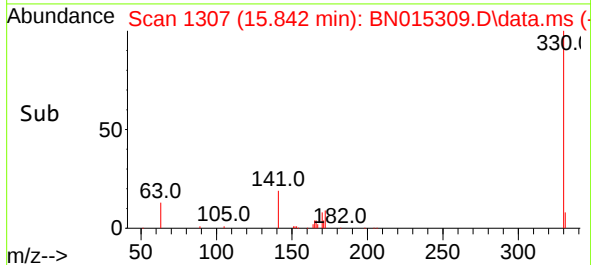
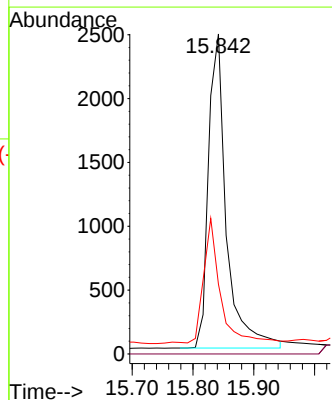
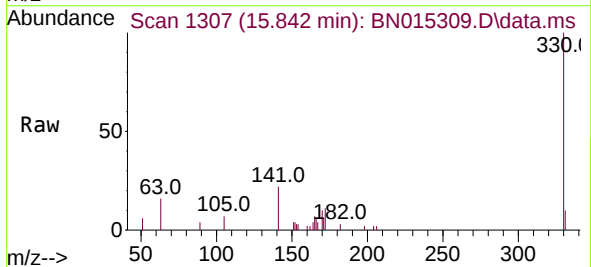
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TT180D2-20210618

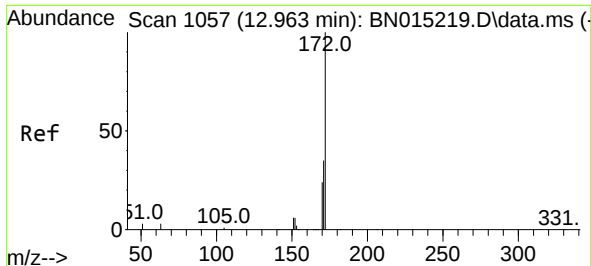
Tgt Ion:164 Resp: 51030
Ion Ratio Lower Upper
164 100
162 99.8 83.8 125.6
160 44.0 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.45 ng
RT: 15.842 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BN015309.D
Acq: 02 Jul 2021 22:58

Tgt Ion:330 Resp: 5036
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.7 22.4 33.6#

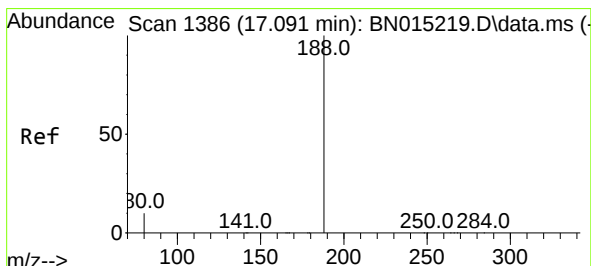
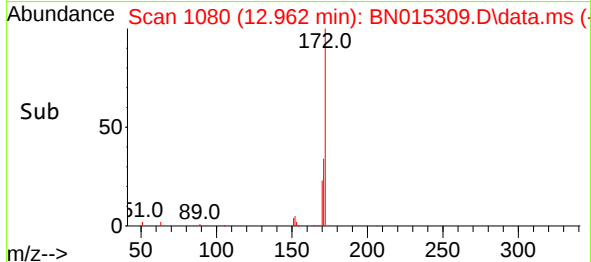
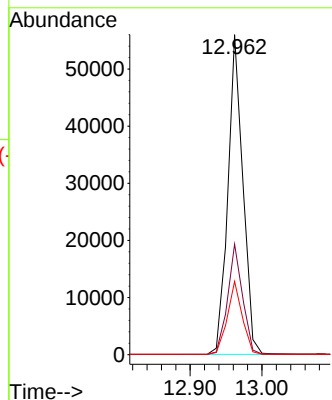
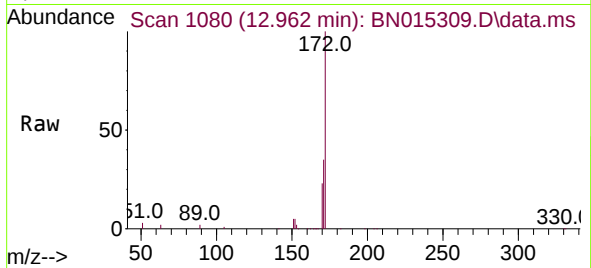




#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015309.D
Acq: 02 Jul 2021 22:58

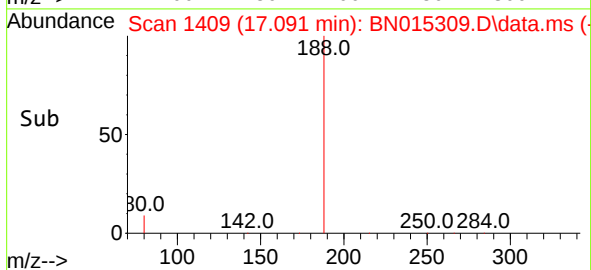
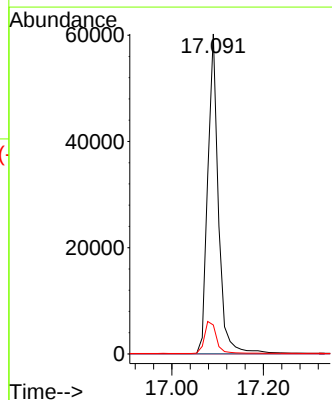
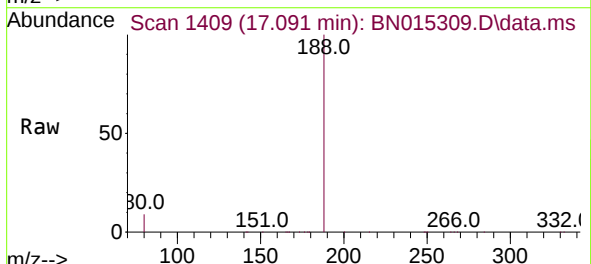
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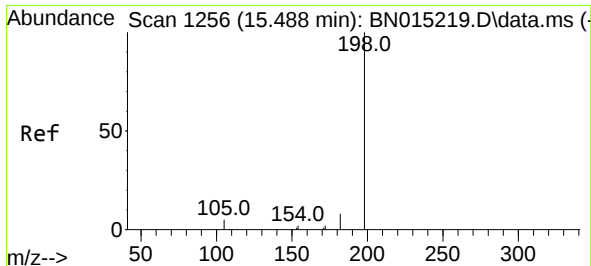
Tgt Ion:172 Resp: 81209
Ion Ratio Lower Upper
172 100
171 34.6 30.6 45.8
170 22.9 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.091 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BN015309.D
Acq: 02 Jul 2021 22:58

Tgt Ion:188 Resp: 97065
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 9.0 13.4

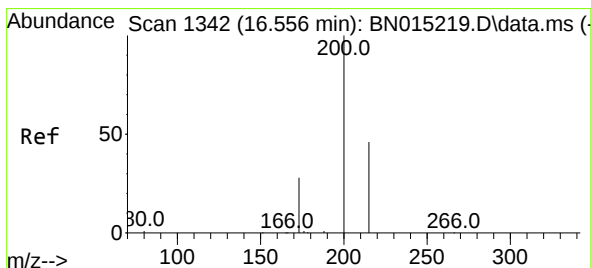
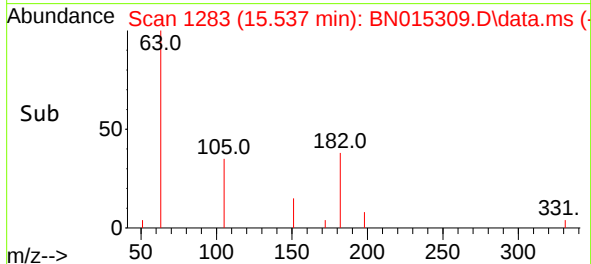
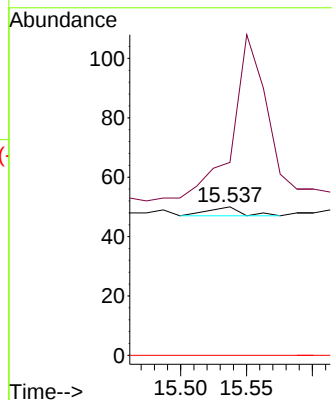
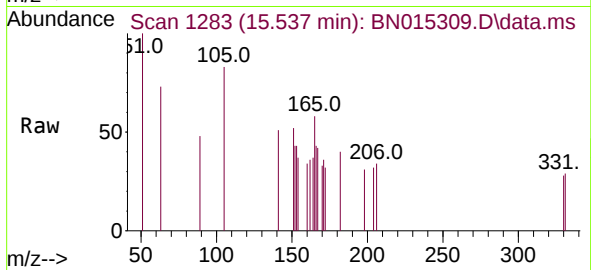




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.537 min Scan# 1283
Delta R.T. 0.049 min
Lab File: BN015309.D
Acq: 02 Jul 2021 22:58

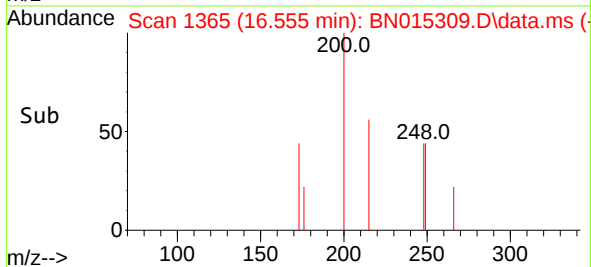
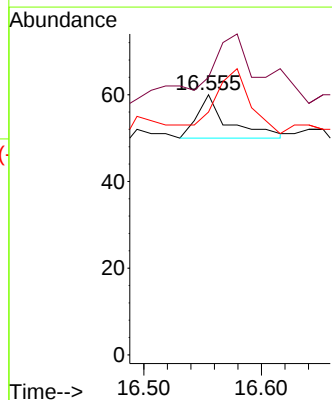
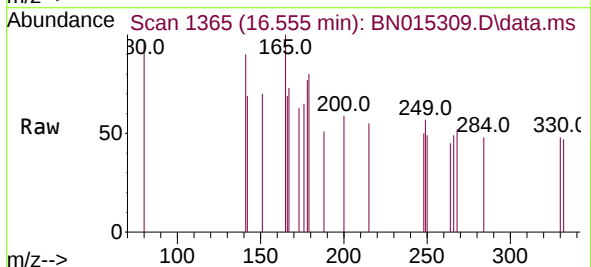
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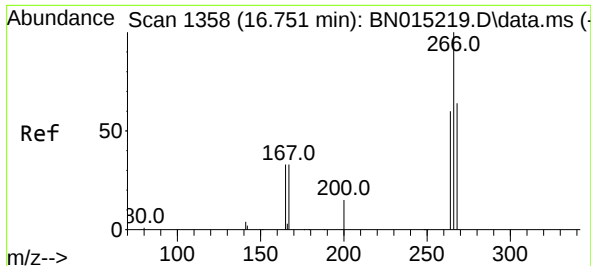
Tgt Ion:	198	Resp:	5
Ion Ratio	Lower	Upper	
198	100		
182	130.0	34.5	51.7#
77	0.0	0.0	0.0



#23
Atrazine
Concen: 0.17 ng
RT: 16.555 min Scan# 1365
Delta R.T. -0.001 min
Lab File: BN015309.D
Acq: 02 Jul 2021 22:58

Tgt Ion:	200	Resp:	18
Ion Ratio	Lower	Upper	
200	100		
173	106.7	21.7	32.5#
215	93.3	43.1	64.7#

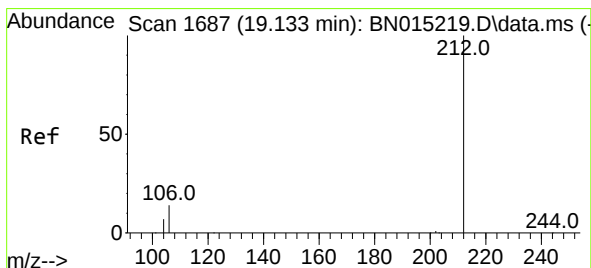
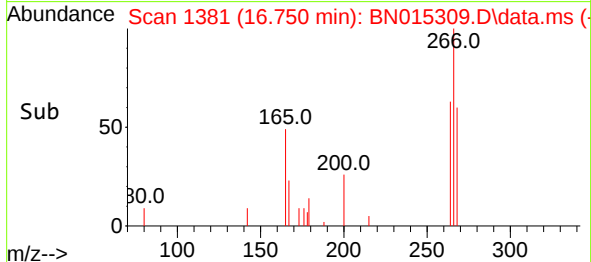
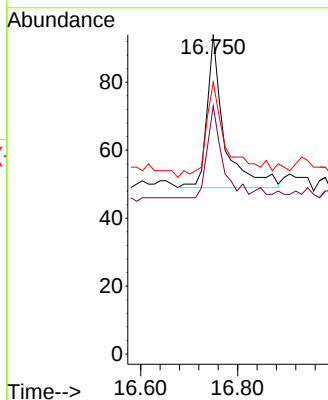
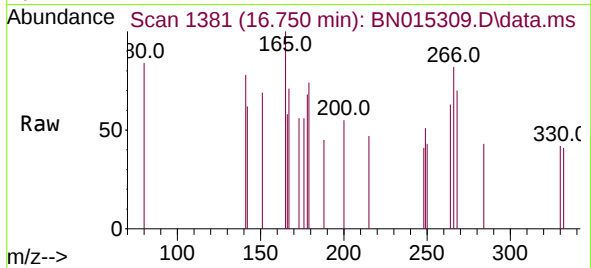




#24
Pentachlorophenol
Concen: 0.25 ng
RT: 16.750 min Scan# 1381
Delta R.T. -0.001 min
Lab File: BN015309.D
Acq: 02 Jul 2021 22:58

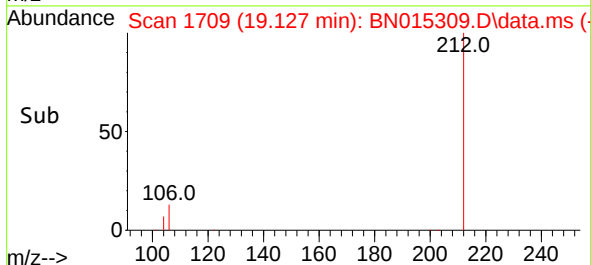
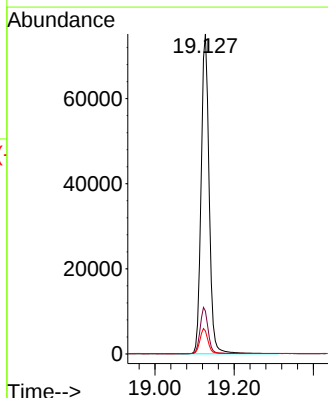
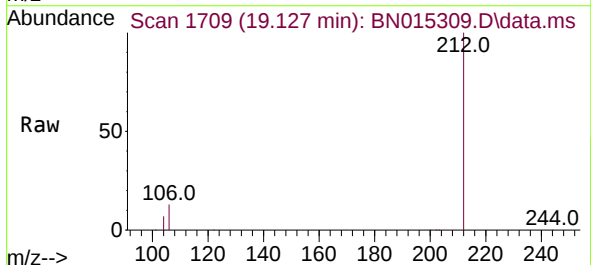
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ClientSampleId :
TT180D2-20210618

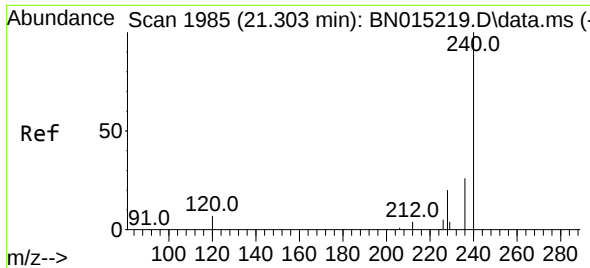
Tgt Ion:	266	Resp:	111
Ion	Ratio	Lower	Upper
266	100		
264	54.1	51.0	76.4
268	72.1	50.6	76.0



#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 19.127 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BN015309.D
Acq: 02 Jul 2021 22:58

Tgt Ion:	212	Resp:	104749
Ion	Ratio	Lower	Upper
212	100		
106	14.3	7.0	10.6#
104	7.8	4.1	6.1#

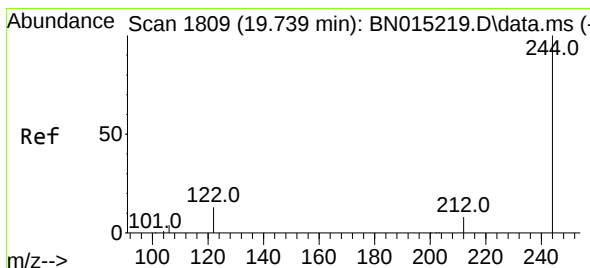
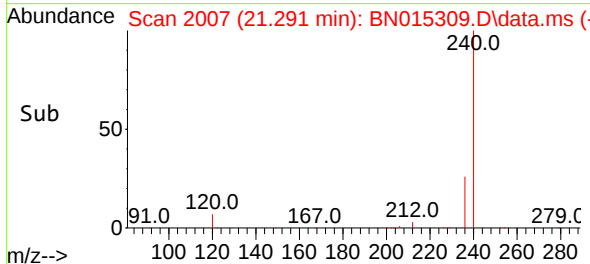
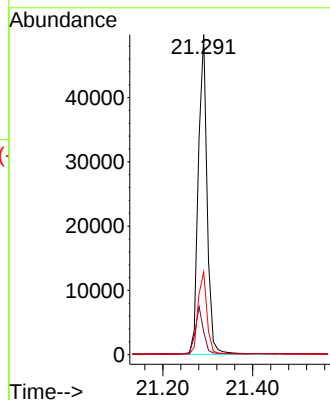
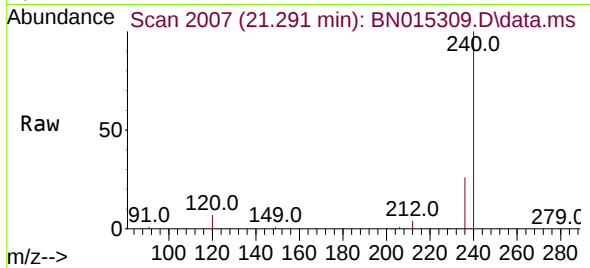




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015309.D
Acq: 02 Jul 2021 22:58

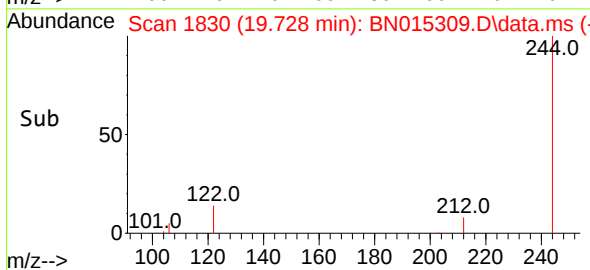
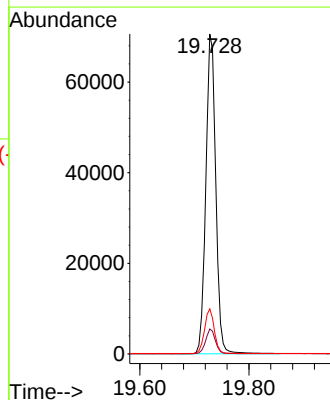
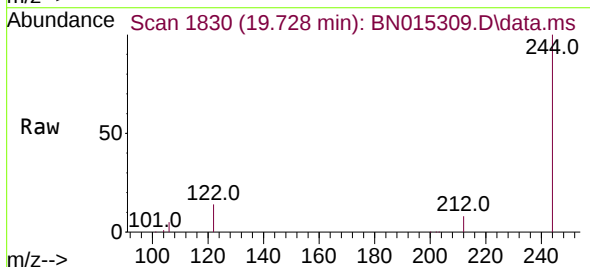
Instrument :
BNA_N
ClientSampleId :
TT180D2-20210618

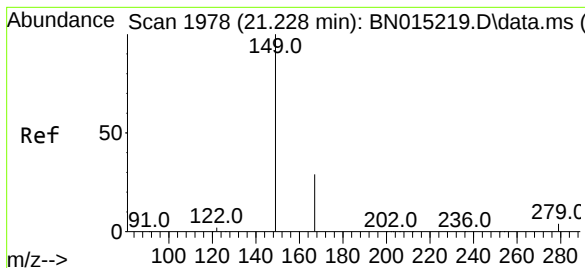
Tgt Ion:240 Resp: 67636
Ion Ratio Lower Upper
240 100
120 7.2 4.2 6.4#
236 25.9 21.4 32.2



#31
Terphenyl-d14
Concen: 0.57 ng
RT: 19.728 min Scan# 1830
Delta R.T. -0.011 min
Lab File: BN015309.D
Acq: 02 Jul 2021 22:58

Tgt Ion:244 Resp: 89439
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 14.1 6.2 9.2#

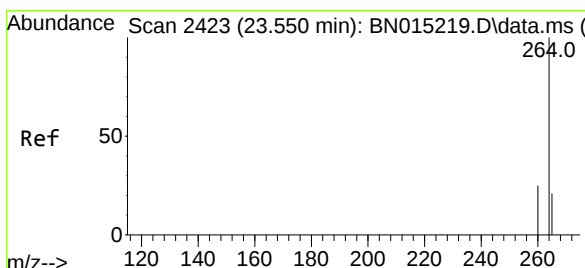
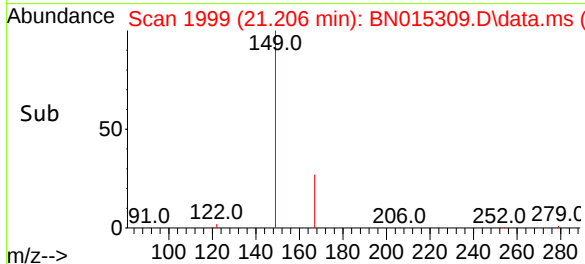
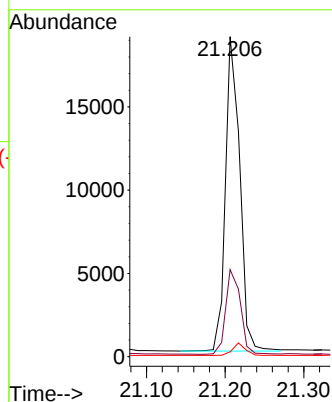
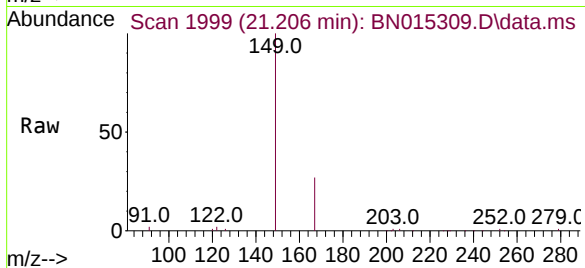




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.43 ng
RT: 21.206 min Scan# 1999
Delta R.T. -0.022 min
Lab File: BN015309.D
Acq: 02 Jul 2021 22:58

Instrument :
BNA_N
ClientSampleId :
TT180D2-20210618

Tgt Ion:149 Resp: 23765
Ion Ratio Lower Upper
149 100
167 27.8 28.9 43.3#
279 3.6 4.9 7.3#



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.536 min Scan# 2442
Delta R.T. -0.014 min
Lab File: BN015309.D
Acq: 02 Jul 2021 22:58

Tgt Ion:264 Resp: 52766
Ion Ratio Lower Upper
264 100
260 24.8 20.6 31.0
265 23.4 21.4 32.2

