

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070621\
 Data File : BN015363.D
 Acq On : 07 Jul 2021 07:14
 Operator : CG/JU
 Sample : M2923-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 07 08:13:21 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)

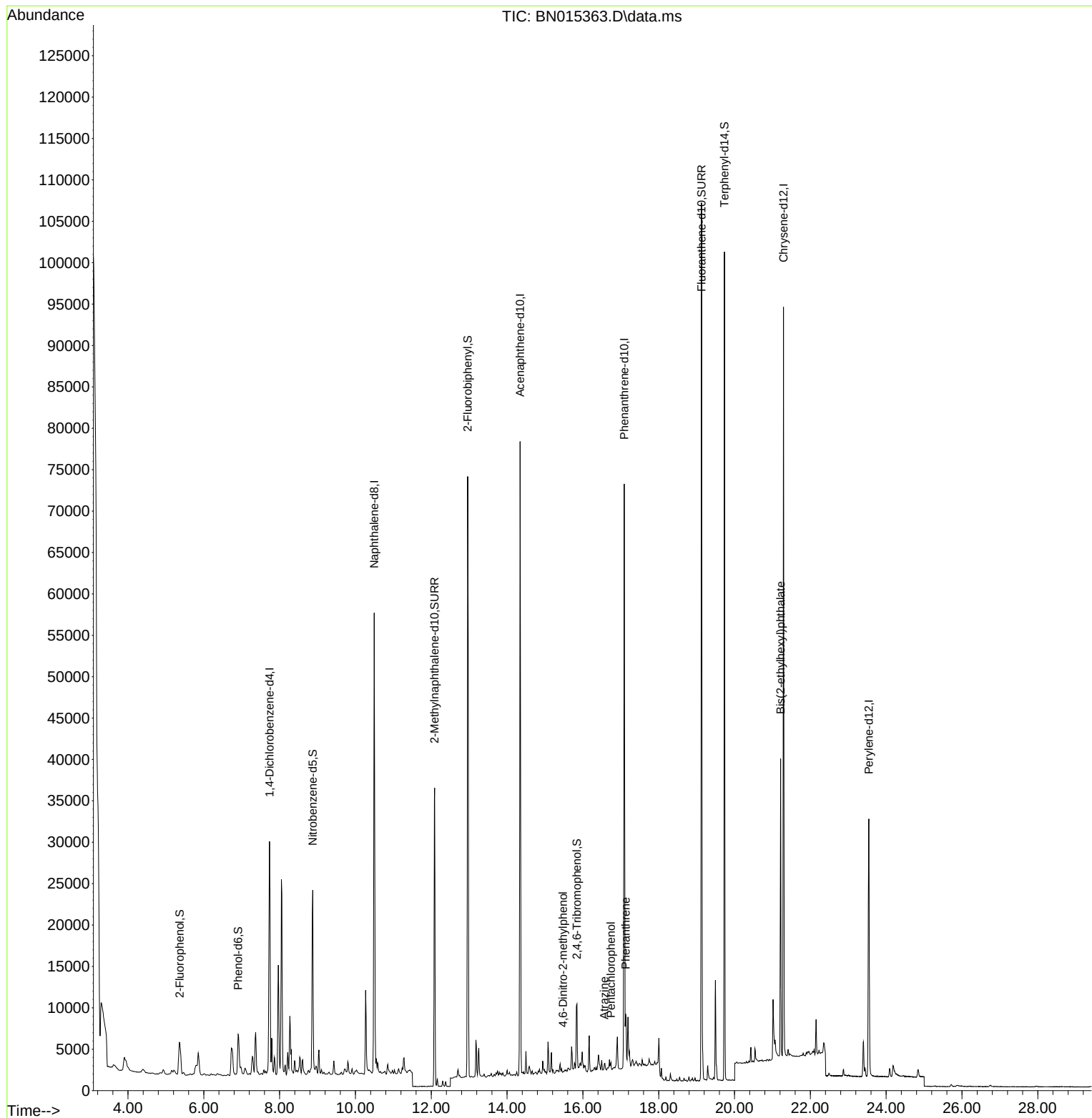
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.735	152	15643	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	72963	0.40	ng	0.00
13) Acenaphthene-d10	14.345	164	42177	0.40	ng	0.00
19) Phenanthrene-d10	17.091	188	87809	0.40	ng	0.00
29) Chrysene-d12	21.291	240	78457	0.40	ng	#-0.01
35) Perylene-d12	23.543	264	41212	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.365	112	7702	0.19	ng	0.00
5) Phenol-d6	6.905	99	5740	0.11	ng	0.00
8) Nitrobenzene-d5	8.873	82	20205	0.49	ng	0.00
11) 2-Methylnaphthalene-d10	12.087	152	48068	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	6768	0.59	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	65460	0.38	ng	0.00
27) Fluoranthene-d10	19.132	212	118954	0.46	ng	0.00
31) Terphenyl-d14	19.733	244	93077	0.51	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.474	198	37	0.21	ng	# 1
23) Atrazine	16.567	200	55	0.17	ng	# 1
24) Pentachlorophenol	16.738	266	632	0.30	ng	# 39
25) Phenanthrene	17.127	178	7362	0.03	ng	96
34) Bis(2-ethylhexyl)phtha...	21.217	149	30151	0.46	ng	# 87

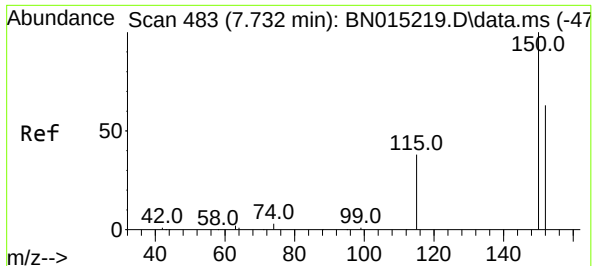
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
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QLast Update : Thu Jul 01 09:06:31 2021
Response via : Initial Calibration

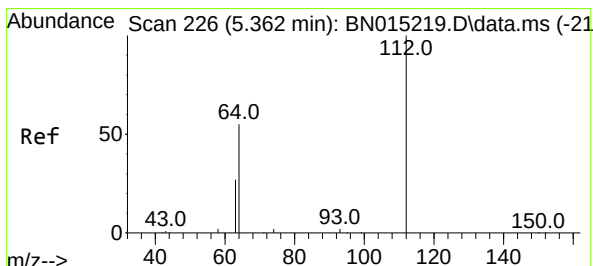
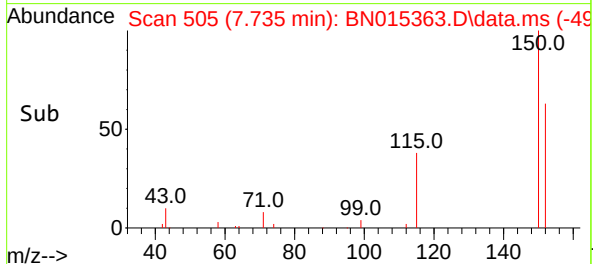
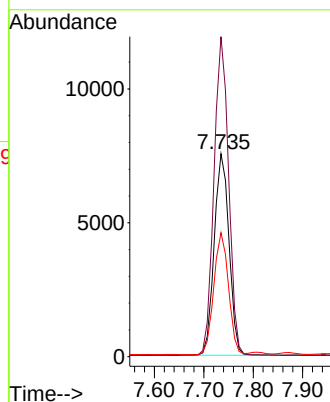
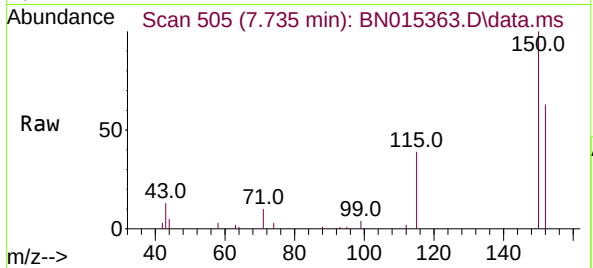




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.735 min Scan# 505
 Delta R.T. 0.003 min
 Lab File: BN015363.D
 Acq: 07 Jul 2021 07:14

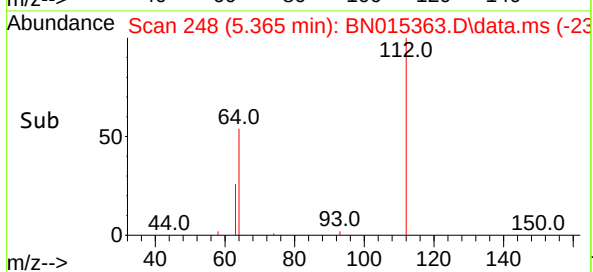
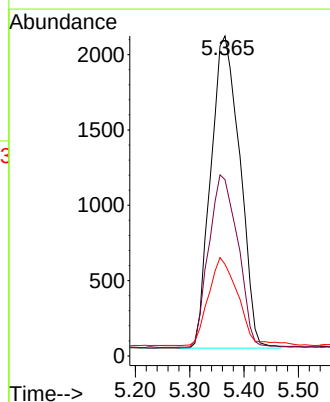
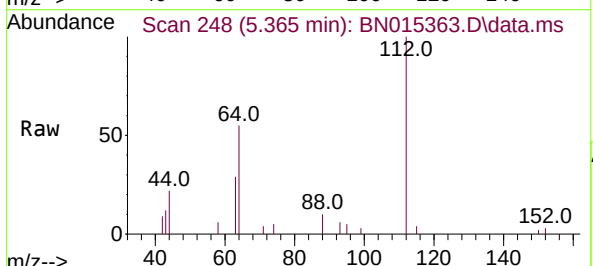
Instrument :
 BNA_N
 ClientSampled :

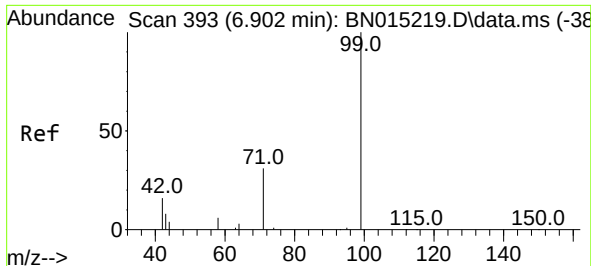
Tgt Ion:152 Resp: 15643
 Ion Ratio Lower Upper
 152 100
 150 157.8 119.0 178.6
 115 61.2 62.2 93.4#



#4
 2-Fluorophenol
 Concen: 0.19 ng
 RT: 5.365 min Scan# 248
 Delta R.T. 0.003 min
 Lab File: BN015363.D
 Acq: 07 Jul 2021 07:14

Tgt Ion:112 Resp: 7702
 Ion Ratio Lower Upper
 112 100
 64 55.3 39.0 58.6
 63 28.3 20.6 30.8

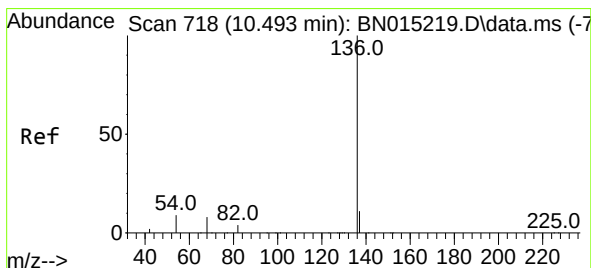
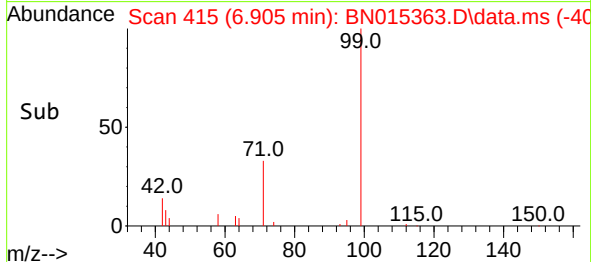
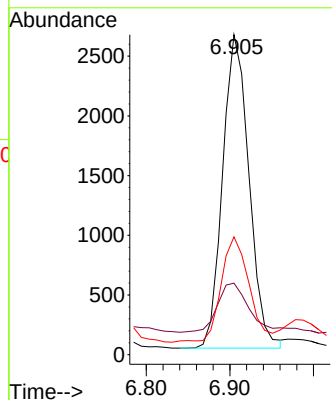
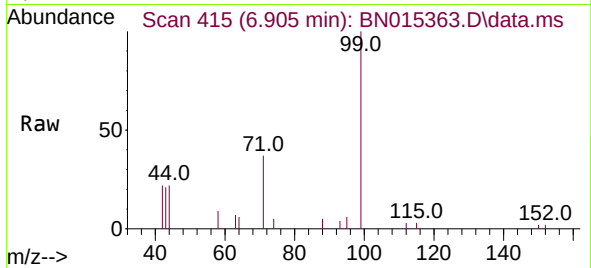




#5
Phenol-d6
Concen: 0.11 ng
RT: 6.905 min Scan# 415
Delta R.T. 0.003 min
Lab File: BN015363.D
Acq: 07 Jul 2021 07:14

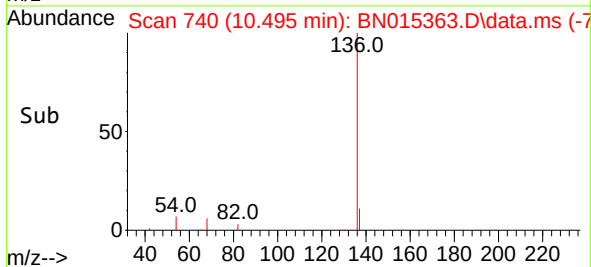
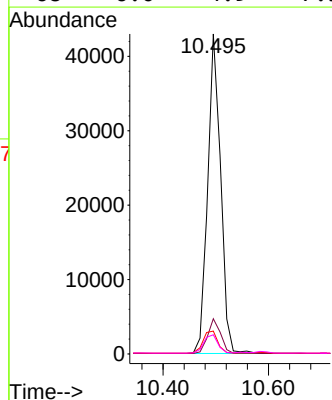
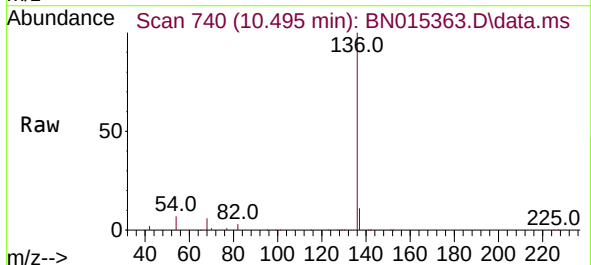
Instrument :
BNA_N
ClientSampled :

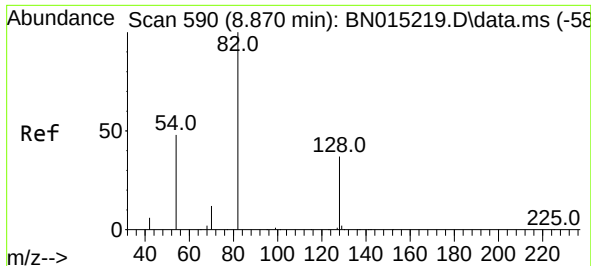
Tgt Ion: 99 Resp: 5740
Ion Ratio Lower Upper
99 100
42 18.9 8.9 13.3#
71 35.7 35.6 53.4



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015363.D
Acq: 07 Jul 2021 07:14

Tgt Ion: 136 Resp: 72963
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.8
54 7.2 5.4 8.2
68 6.0 4.9 7.3

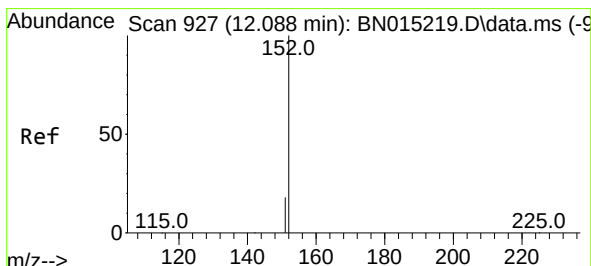
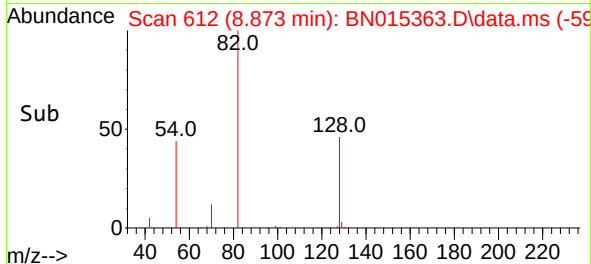
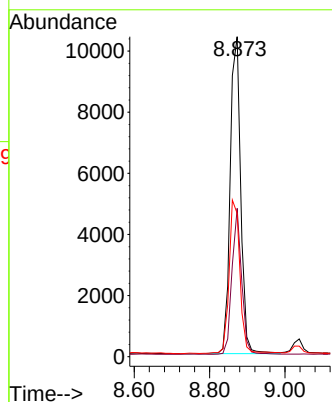
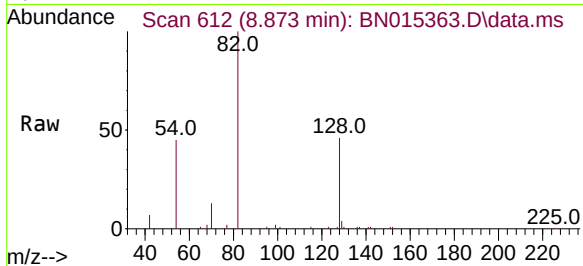




#8
Nitrobenzene-d5
Concen: 0.49 ng
RT: 8.873 min Scan# 612
Delta R.T. 0.003 min
Lab File: BN015363.D
Acq: 07 Jul 2021 07:14

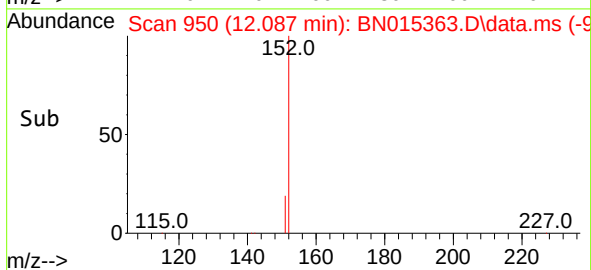
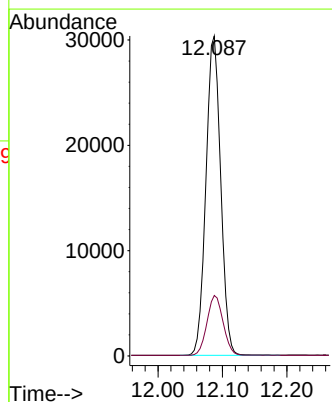
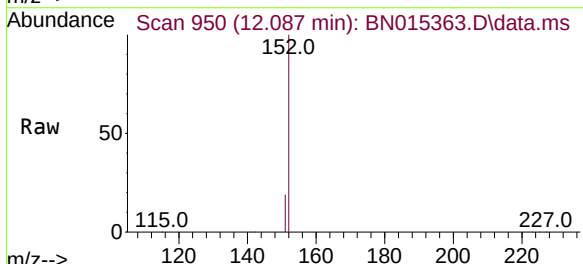
Instrument :
BNA_N
ClientSampleId :

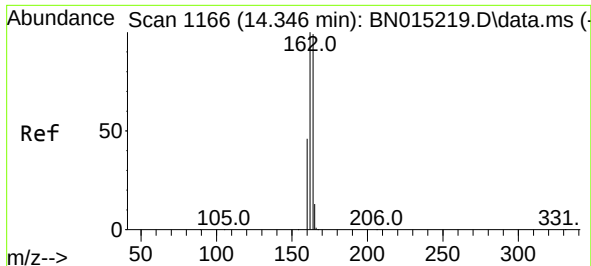
Tgt Ion: 82 Resp: 20205
Ion Ratio Lower Upper
82 100
128 46.3 31.6 47.4
54 44.7 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.40 ng
RT: 12.087 min Scan# 950
Delta R.T. -0.001 min
Lab File: BN015363.D
Acq: 07 Jul 2021 07:14

Tgt Ion: 152 Resp: 48068
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1

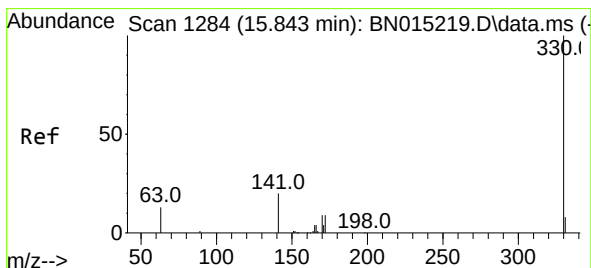
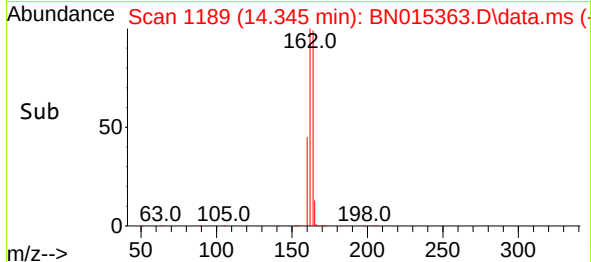
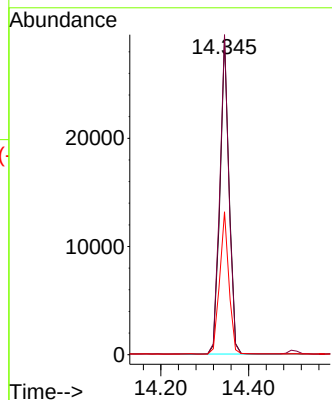
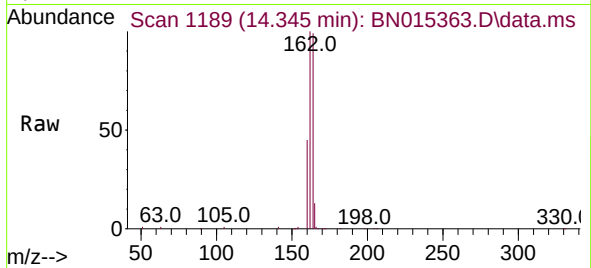




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.001 min
Lab File: BN015363.D
Acq: 07 Jul 2021 07:14

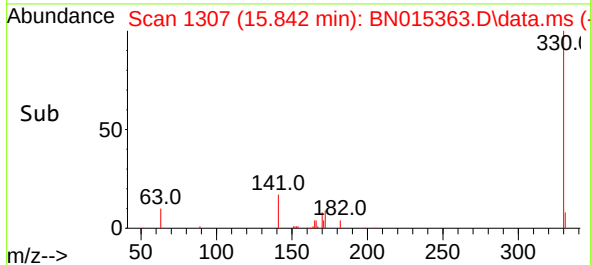
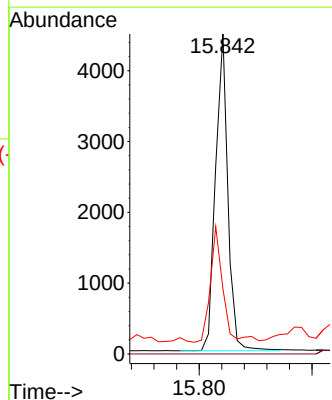
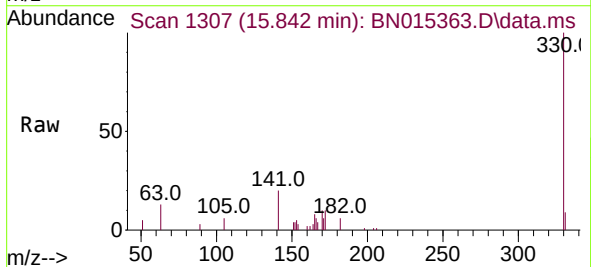
Instrument :
BNA_N
ClientSampleId :

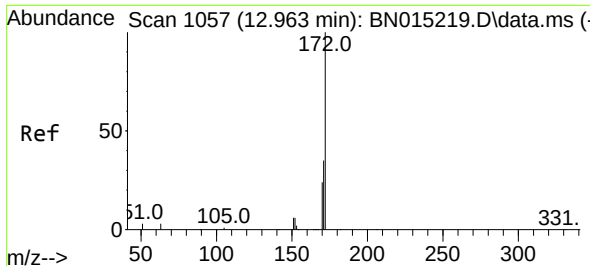
Tgt Ion:164 Resp: 42177
Ion Ratio Lower Upper
164 100
162 100.9 83.8 125.6
160 45.1 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.59 ng
RT: 15.842 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BN015363.D
Acq: 07 Jul 2021 07:14

Tgt Ion:330 Resp: 6768
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.4 22.4 33.6#

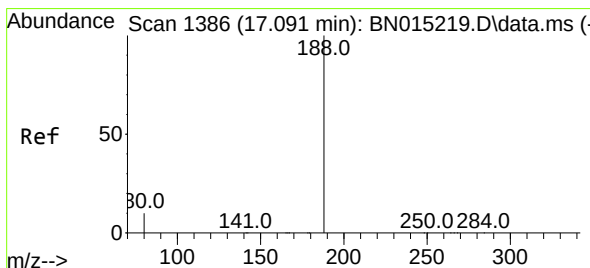
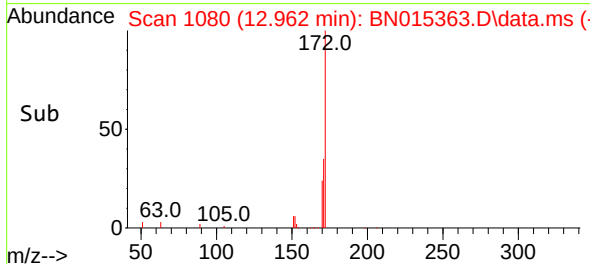
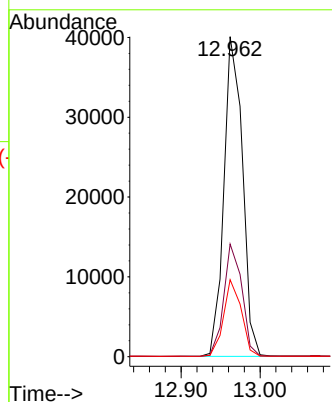
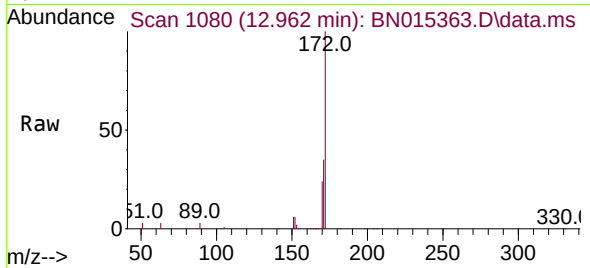




#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015363.D
Acq: 07 Jul 2021 07:14

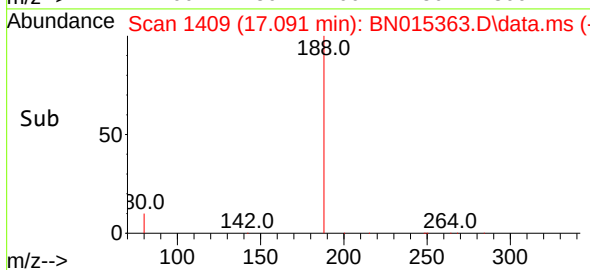
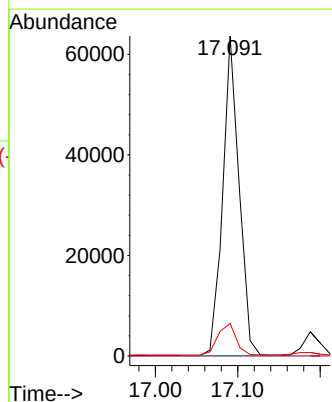
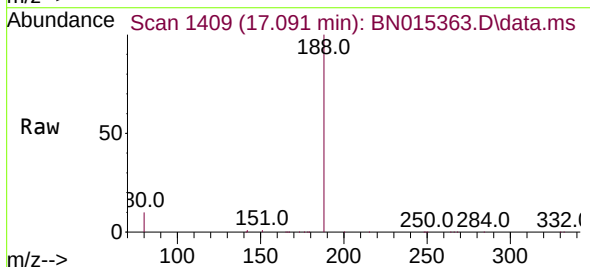
Instrument :
BNA_N
ClientSampled :

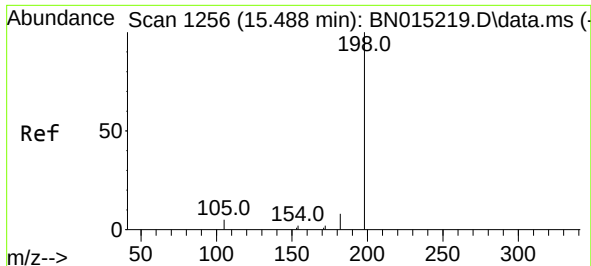
Tgt Ion:172 Resp: 65460
Ion Ratio Lower Upper
172 100
171 35.2 30.6 45.8
170 24.0 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.091 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BN015363.D
Acq: 07 Jul 2021 07:14

Tgt Ion:188 Resp: 87809
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 9.0 13.4

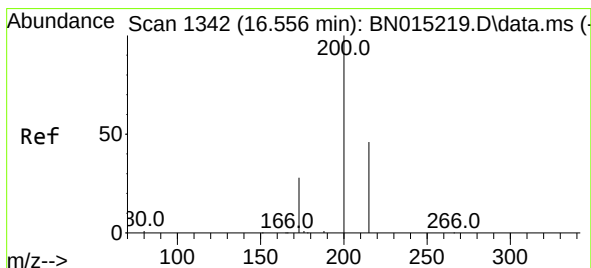
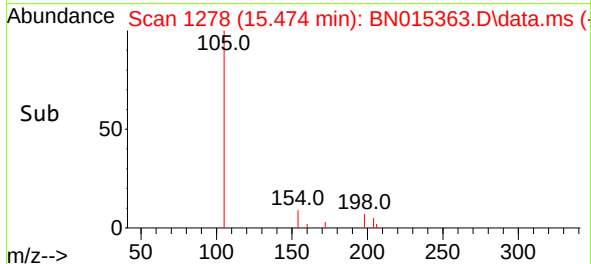
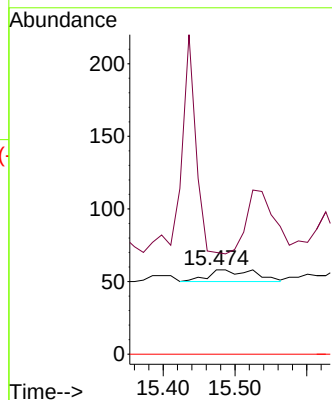
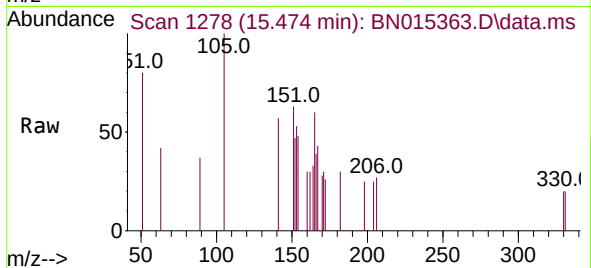




#20
4,6-Dinitro-2-methylphenol
Concen: 0.21 ng
RT: 15.474 min Scan# 1278
Delta R.T. -0.014 min
Lab File: BN015363.D
Acq: 07 Jul 2021 07:14

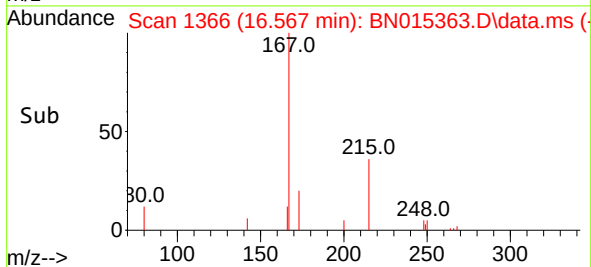
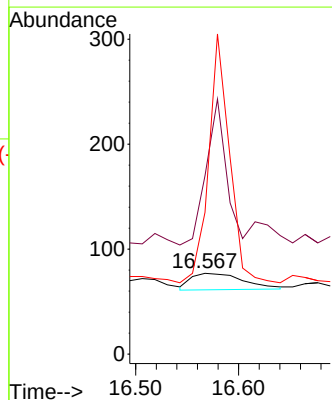
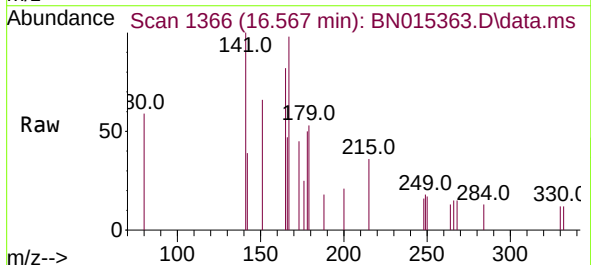
Instrument :
BNA_N
ClientSampleId :

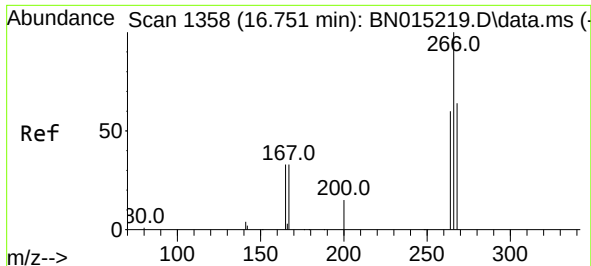
Tgt Ion:198 Resp: 37
Ion Ratio Lower Upper
198 100
182 120.7 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.17 ng
RT: 16.567 min Scan# 1366
Delta R.T. 0.011 min
Lab File: BN015363.D
Acq: 07 Jul 2021 07:14

Tgt Ion:200 Resp: 55
Ion Ratio Lower Upper
200 100
173 220.8 21.7 32.5#
215 175.3 43.1 64.7#

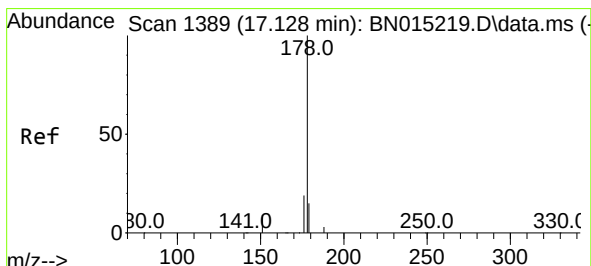
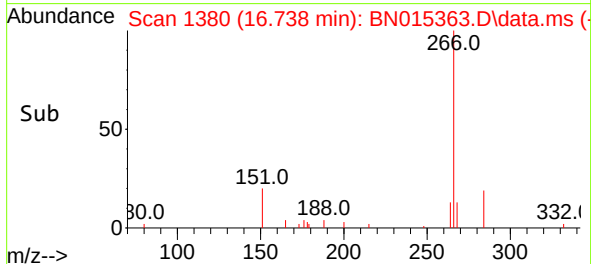
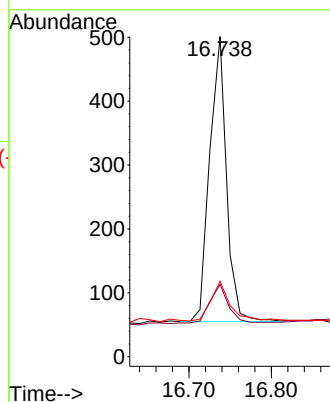
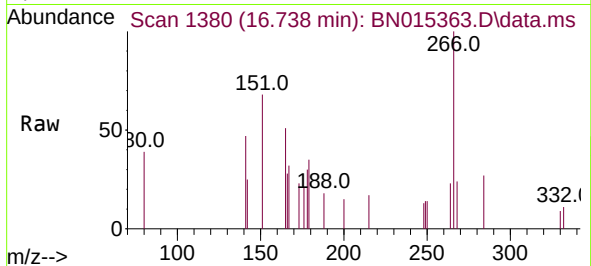




#24
Pentachlorophenol
Concen: 0.30 ng
RT: 16.738 min Scan# 1380
Delta R.T. -0.013 min
Lab File: BN015363.D
Acq: 07 Jul 2021 07:14

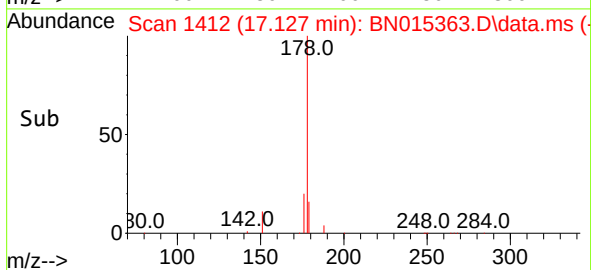
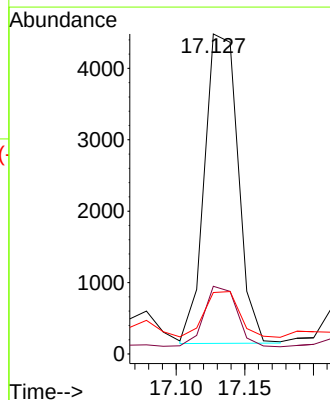
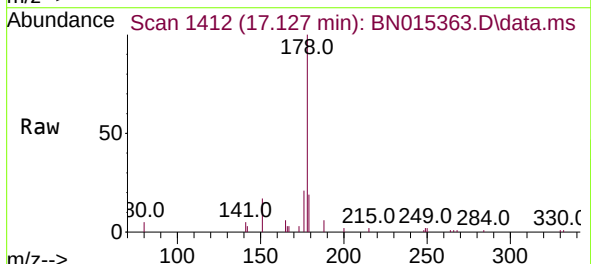
Instrument :
BNA_N
ClientSampleId :

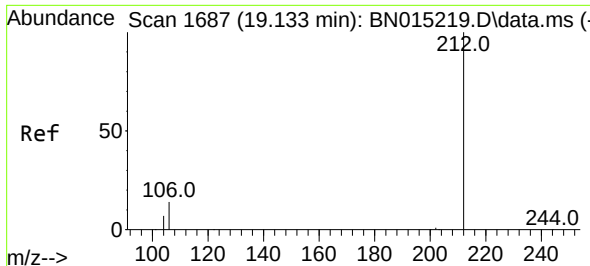
Tgt Ion:	266	Resp:	632
Ion Ratio	Lower	Upper	
266	100		
264	15.7	51.0	76.4#
268	16.3	50.6	76.0#



#25
Phenanthrene
Concen: 0.03 ng
RT: 17.127 min Scan# 1412
Delta R.T. -0.001 min
Lab File: BN015363.D
Acq: 07 Jul 2021 07:14

Tgt Ion:	178	Resp:	7362
Ion Ratio	Lower	Upper	
178	100		
176	21.0	15.6	23.4
179	16.8	12.1	18.1

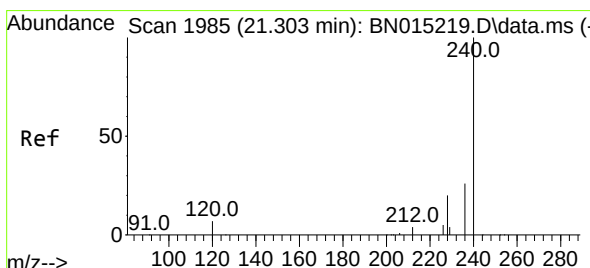
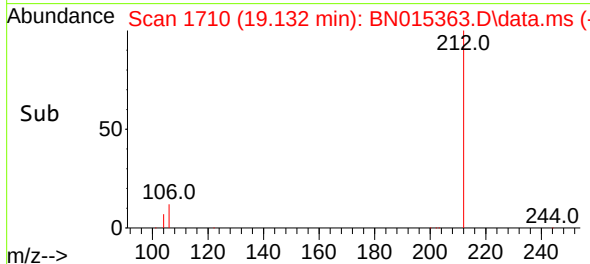
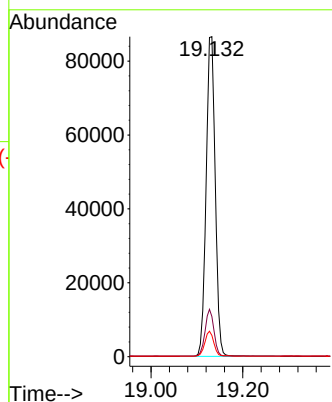
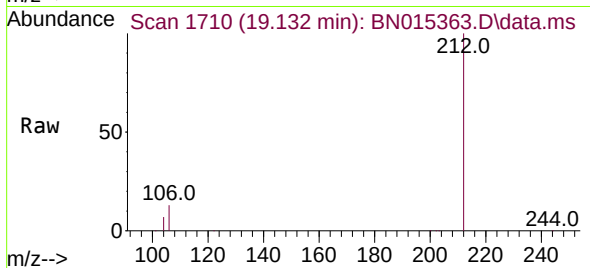




#27
Fluoranthene-d10
Concen: 0.46 ng
RT: 19.132 min Scan# 1710
Delta R.T. -0.001 min
Lab File: BN015363.D
Acq: 07 Jul 2021 07:14

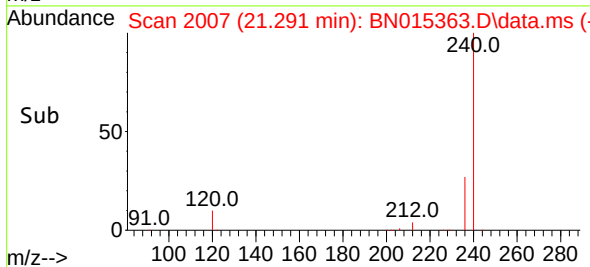
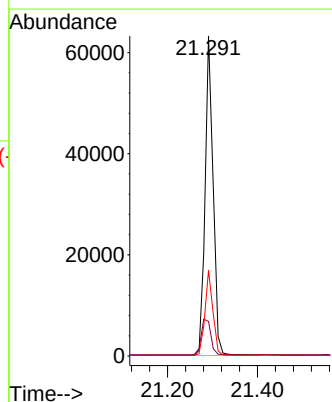
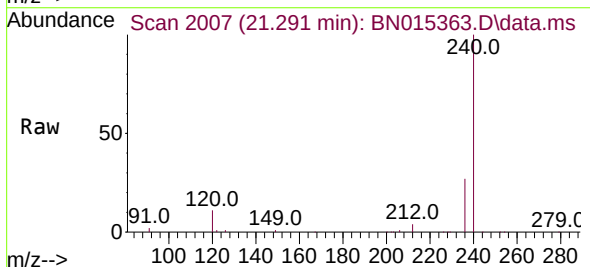
Instrument :
BNA_N
ClientSampleId :

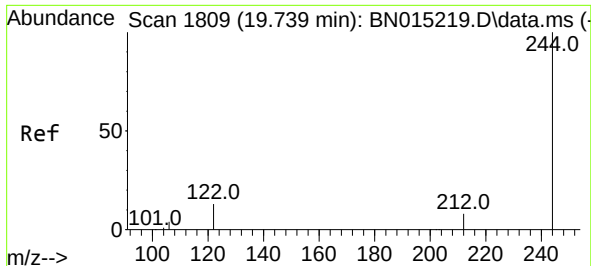
Tgt Ion:212 Resp: 118954
Ion Ratio Lower Upper
212 100
106 14.1 7.0 10.6#
104 7.7 4.1 6.1#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015363.D
Acq: 07 Jul 2021 07:14

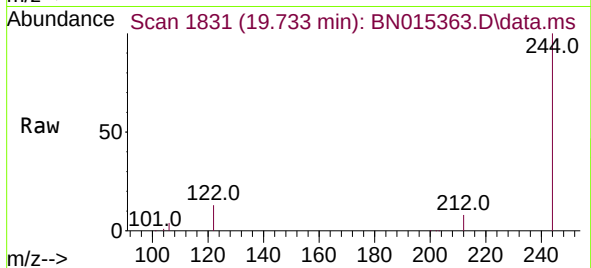
Tgt Ion:240 Resp: 78457
Ion Ratio Lower Upper
240 100
120 10.8 4.2 6.4#
236 26.8 21.4 32.2



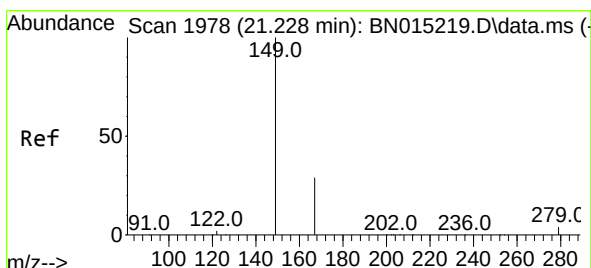
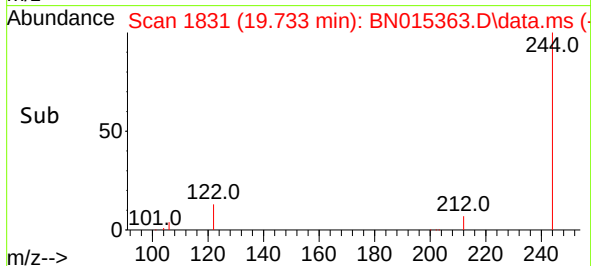
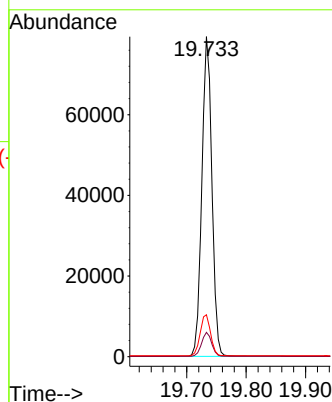


#31
Terphenyl-d14
Concen: 0.51 ng
RT: 19.733 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BN015363.D
Acq: 07 Jul 2021 07:14

Instrument :
BNA_N
ClientSampleId :

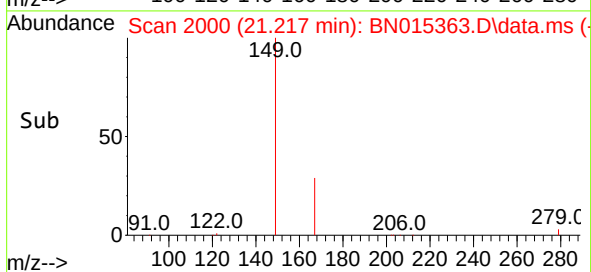
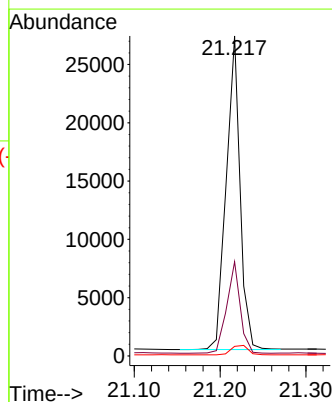
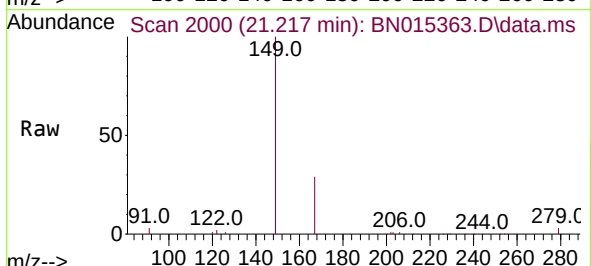


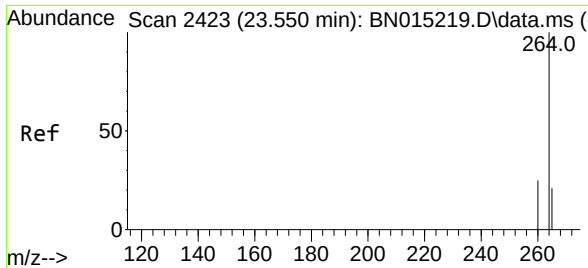
Tgt Ion:244 Resp: 93077
Ion Ratio Lower Upper
244 100
212 7.6 6.3 9.5
122 13.1 6.2 9.2#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.46 ng
RT: 21.217 min Scan# 2000
Delta R.T. -0.011 min
Lab File: BN015363.D
Acq: 07 Jul 2021 07:14

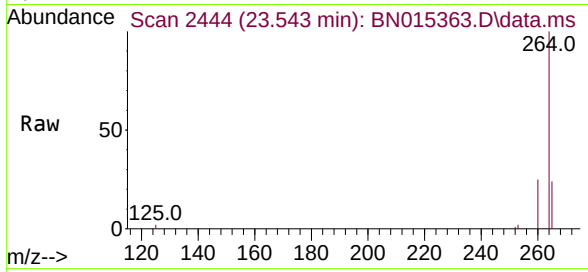
Tgt Ion:149 Resp: 30151
Ion Ratio Lower Upper
149 100
167 28.2 28.9 43.3#
279 3.7 4.9 7.3#





#35
Perylene-d12
Concen: 0.40 ng
RT: 23.543 min Scan# 2444
Delta R.T. -0.007 min
Lab File: BN015363.D
Acq: 07 Jul 2021 07:14

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:264 Resp: 41212

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.6	31.0
265	24.2	21.4	32.2

