

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070721\
 Data File : BN015367.D
 Acq On : 07 Jul 2021 11:04
 Operator : CG/JU
 Sample : PB137445BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB137445BL

Quant Time: Jul 07 11:36:50 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 07 11:11:38 2021
 Response via : Initial Calibration

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

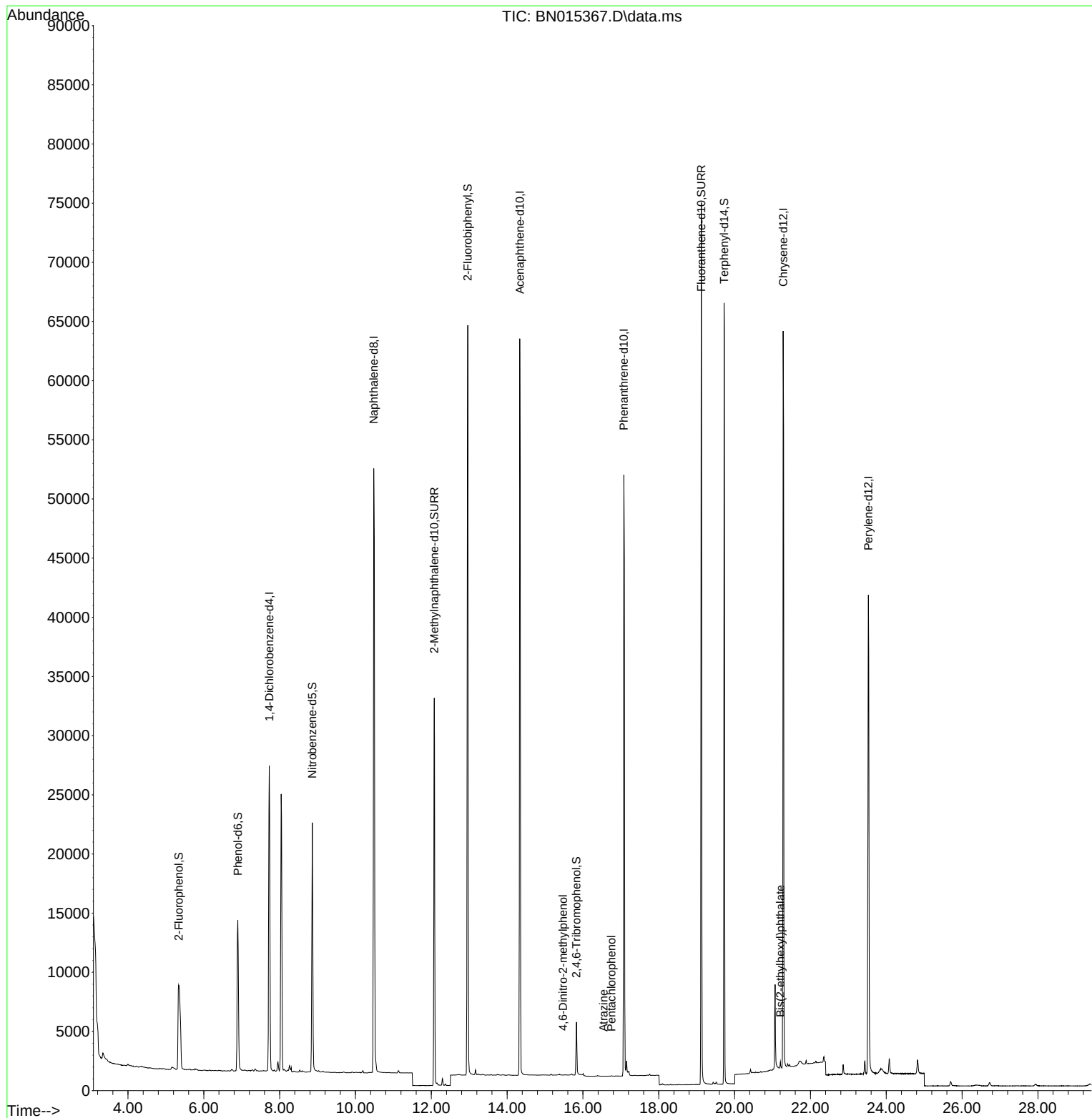
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.726	152	17211	0.400	ng	# 0.00
7) Naphthalene-d8	10.483	136	75332	0.400	ng	# 0.00
13) Acenaphthene-d10	14.332	164	38744	0.400	ng	0.00
19) Phenanthrene-d10	17.079	188	74345	0.400	ng	0.00
29) Chrysene-d12	21.281	240	62628	0.400	ng	#-0.01
35) Perylene-d12	23.529	264	53969	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.337	112	15514	0.354	ng	0.00
5) Phenol-d6	6.896	99	18098	0.328	ng	0.00
8) Nitrobenzene-d5	8.861	82	18591	0.441	ng	0.00
11) 2-Methylnaphthalene-d10	12.078	152	44404	0.356	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	3523	0.431	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	59063	0.375	ng	0.00
27) Fluoranthene-d10	19.123	212	80751	0.368	ng	0.00
31) Terphenyl-d14	19.728	244	64600	0.441	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.474	198	5	0.195	ng	# 11
23) Atrazine	16.543	200	7	0.173	ng	# 12
24) Pentachlorophenol	16.750	266	27	0.245	ng	# 62
34) Bis(2-ethylhexyl)phtha...	21.206	149	510	0.151	ng	91

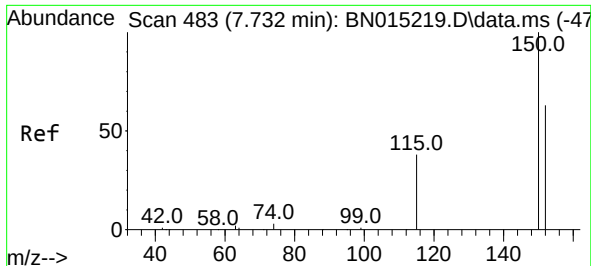
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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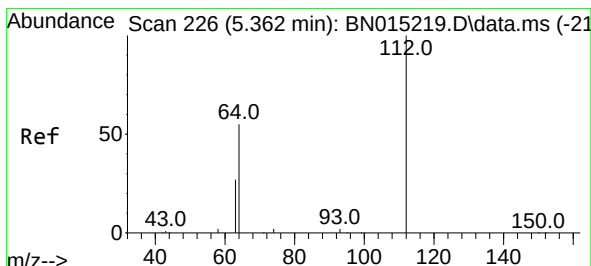
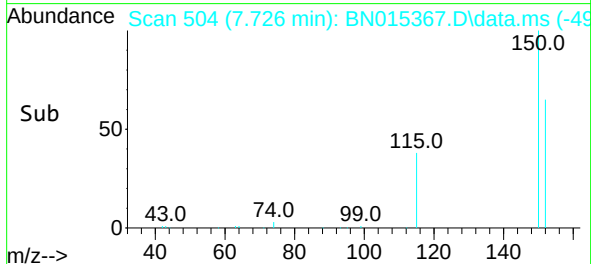
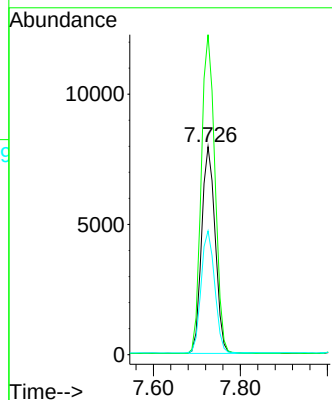
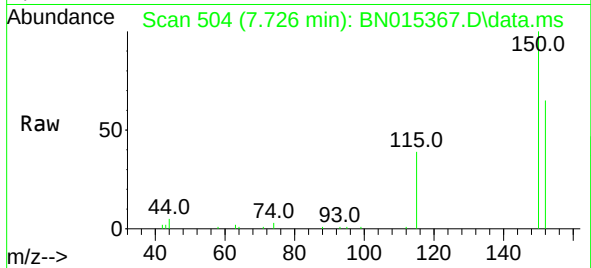




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.726 min Scan# 504
 Delta R.T. 0.001 min
 Lab File: BN015367.D
 Acq: 07 Jul 2021 11:04

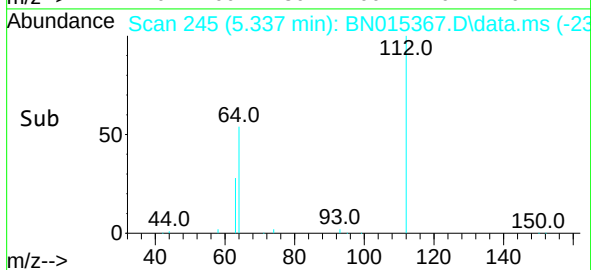
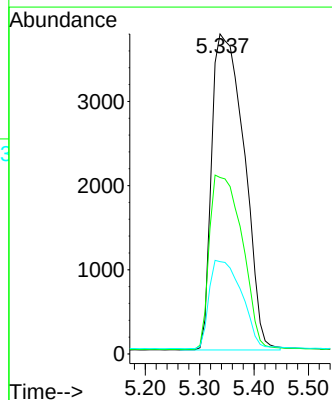
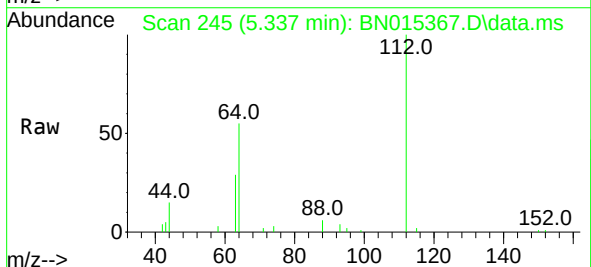
Instrument :
 BNA_N
 ClientSampleId :
 PB137445BL

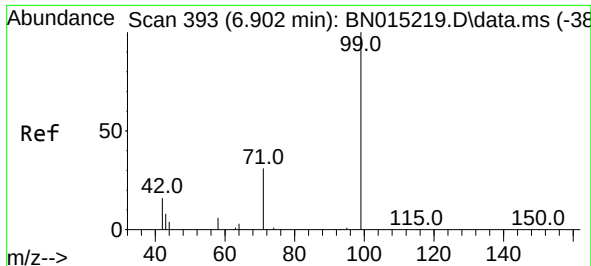
Tgt Ion:152 Resp: 17211
 Ion Ratio Lower Upper
 152 100
 150 153.9 119.0 178.6
 115 59.5 62.2 93.4#



#4
 2-Fluorophenol
 Concen: 0.354 ng
 RT: 5.337 min Scan# 245
 Delta R.T. 0.000 min
 Lab File: BN015367.D
 Acq: 07 Jul 2021 11:04

Tgt Ion:112 Resp: 15514
 Ion Ratio Lower Upper
 112 100
 64 55.6 39.0 58.6
 63 28.0 20.6 30.8

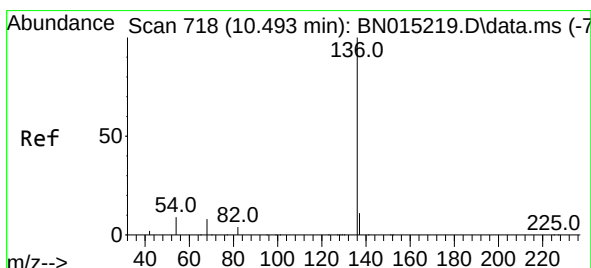
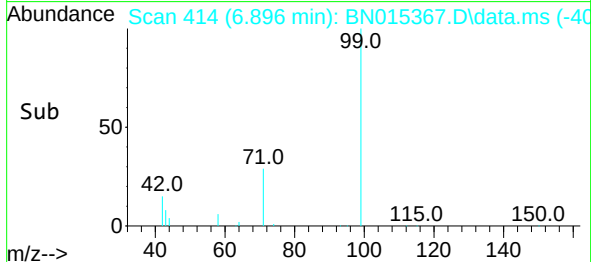
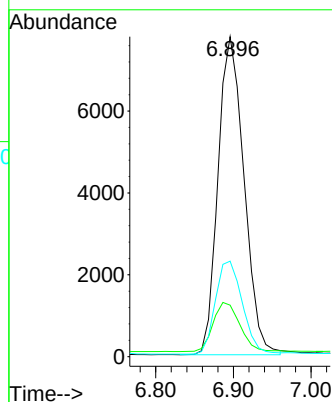
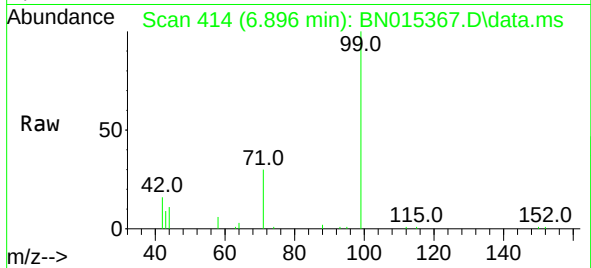




#5
Phenol-d6
Concen: 0.328 ng
RT: 6.896 min Scan# 414
Delta R.T. 0.000 min
Lab File: BN015367.D
Acq: 07 Jul 2021 11:04

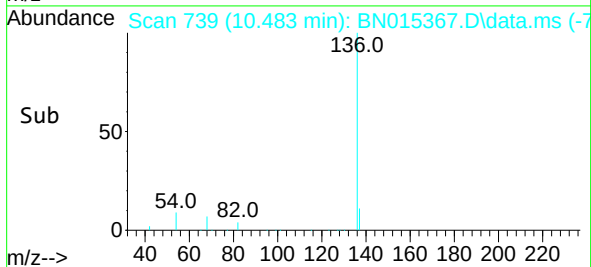
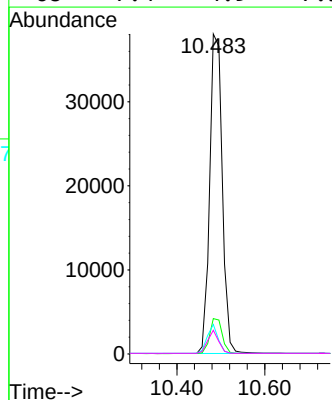
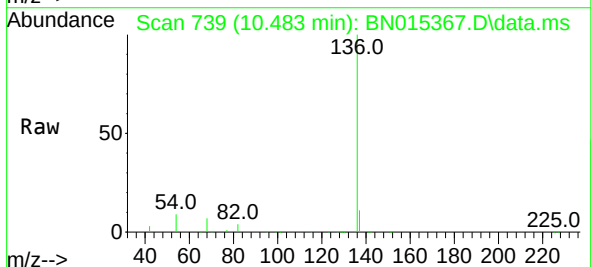
Instrument :
BNA_N
ClientSampleId :
PB137445BL

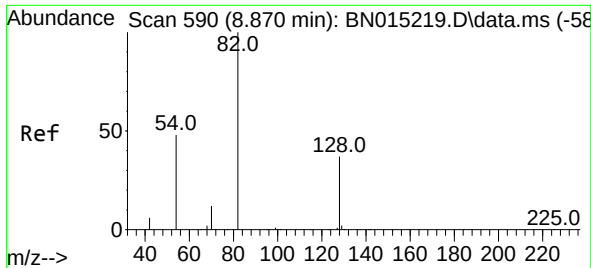
Tgt Ion: 99 Resp: 18098
Ion Ratio Lower Upper
99 100
42 15.8 8.9 13.3#
71 30.3 35.6 53.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.483 min Scan# 739
Delta R.T. 0.000 min
Lab File: BN015367.D
Acq: 07 Jul 2021 11:04

Tgt Ion: 136 Resp: 75332
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.8
54 9.2 5.4 8.2#
68 7.4 4.9 7.3#

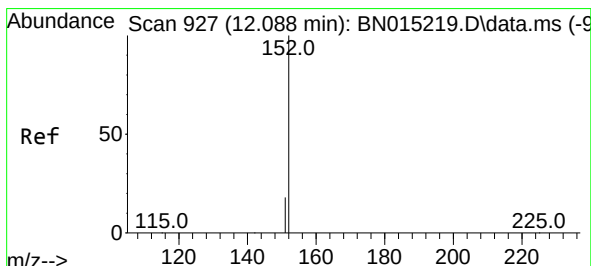
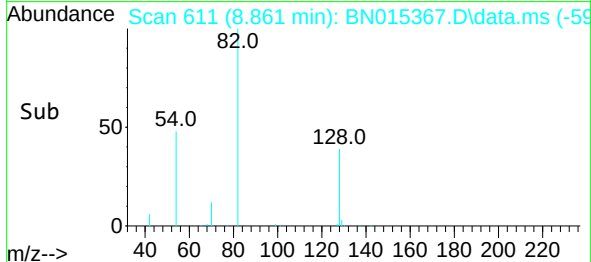
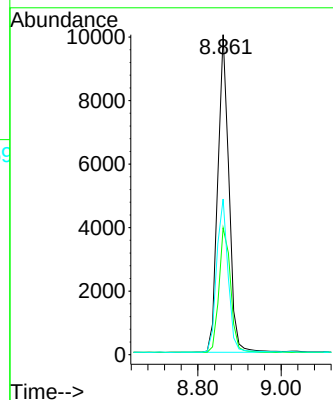
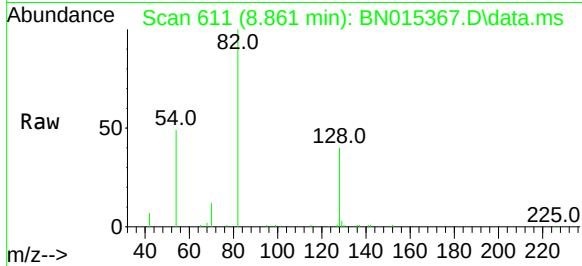




#8
Nitrobenzene-d5
Concen: 0.441 ng
RT: 8.861 min Scan# 611
Delta R.T. 0.000 min
Lab File: BN015367.D
Acq: 07 Jul 2021 11:04

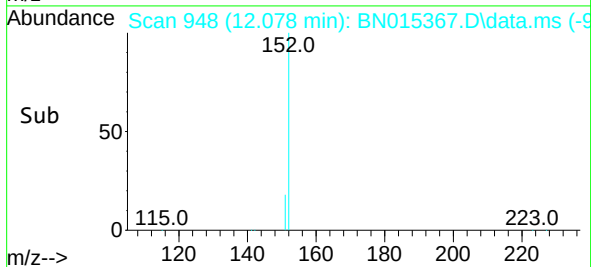
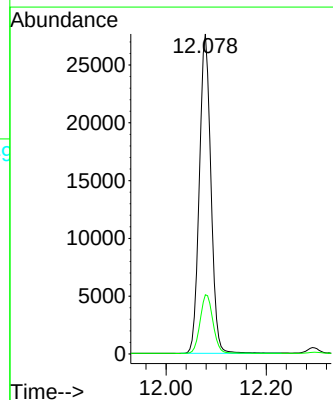
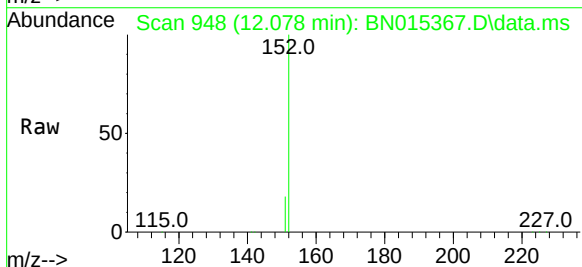
Instrument :
BNA_N
ClientSampleId :
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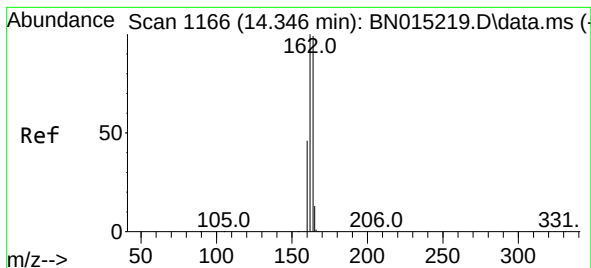
Tgt Ion: 82 Resp: 18591
Ion Ratio Lower Upper
82 100
128 39.7 31.6 47.4
54 48.7 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.356 ng
RT: 12.078 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN015367.D
Acq: 07 Jul 2021 11:04

Tgt Ion: 152 Resp: 44404
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1

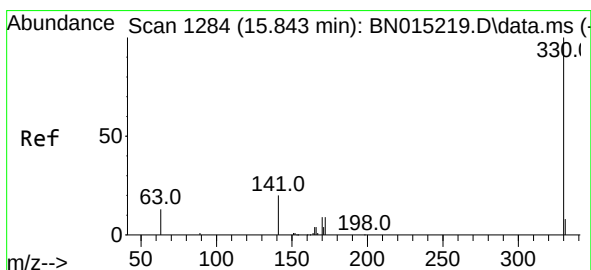
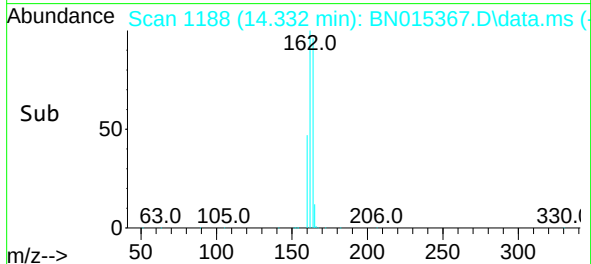
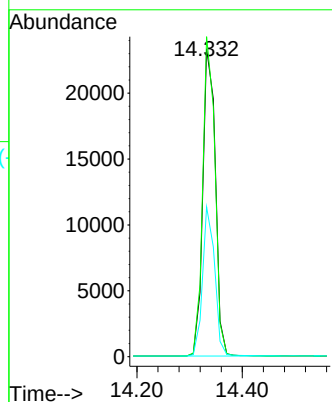
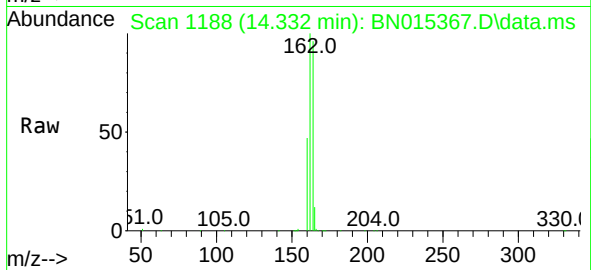




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN015367.D
Acq: 07 Jul 2021 11:04

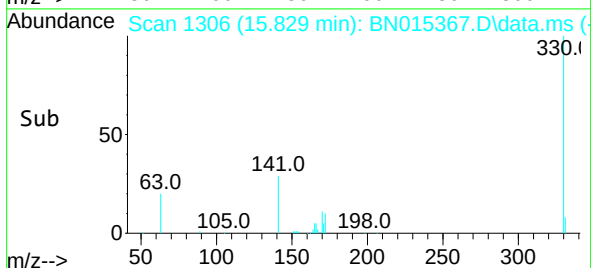
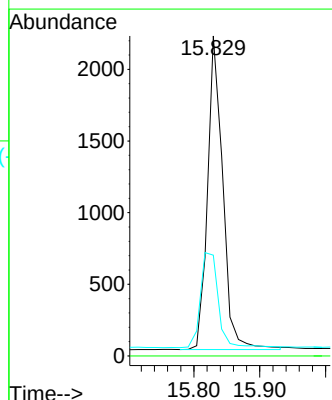
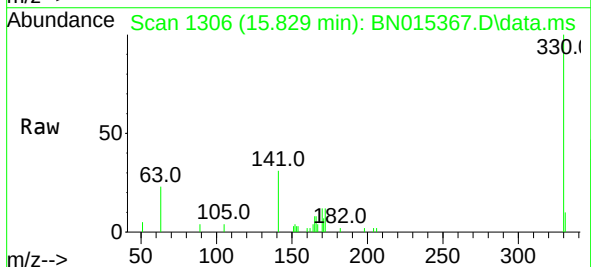
Instrument :
BNA_N
ClientSampleId :
PB137445BL

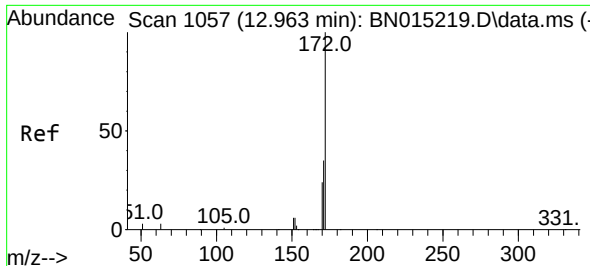
Tgt Ion:164 Resp: 38744
Ion Ratio Lower Upper
164 100
162 103.9 83.8 125.6
160 48.6 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.431 ng
RT: 15.829 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BN015367.D
Acq: 07 Jul 2021 11:04

Tgt Ion:330 Resp: 3523
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.7 22.4 33.6#

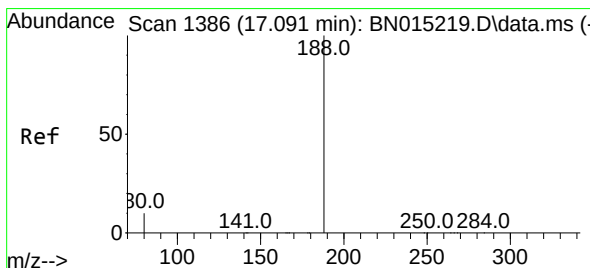
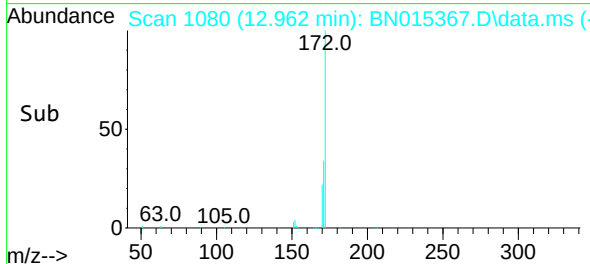
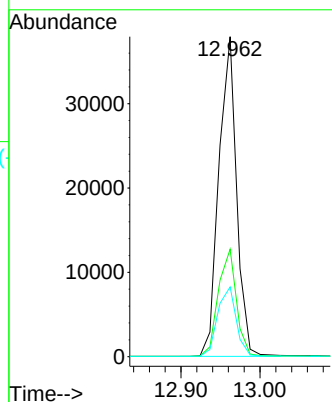
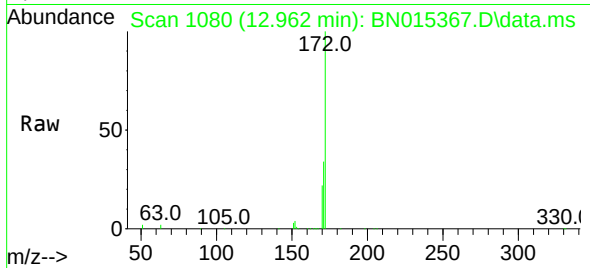




#15
2-Fluorobiphenyl
Concen: 0.375 ng
RT: 12.962 min Scan# 1080
Delta R.T. 0.000 min
Lab File: BN015367.D
Acq: 07 Jul 2021 11:04

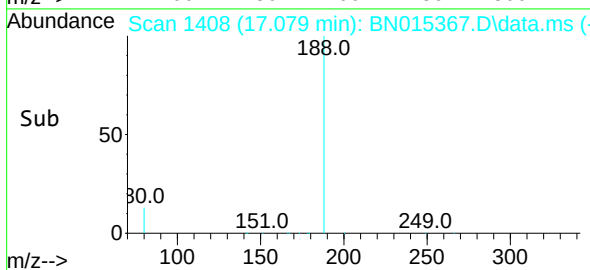
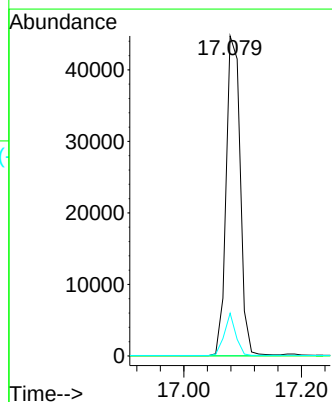
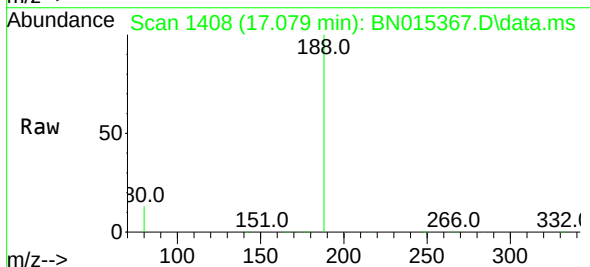
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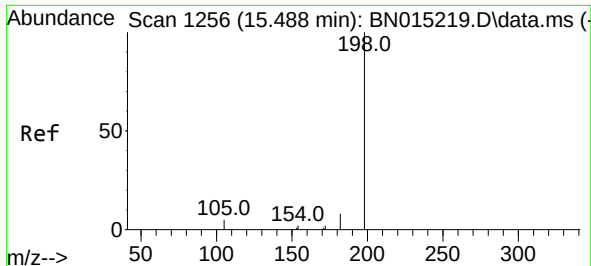
Tgt Ion:172 Resp: 59063
Ion Ratio Lower Upper
172 100
171 33.6 30.6 45.8
170 21.8 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.079 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BN015367.D
Acq: 07 Jul 2021 11:04

Tgt Ion:188 Resp: 74345
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.4 9.0 13.4

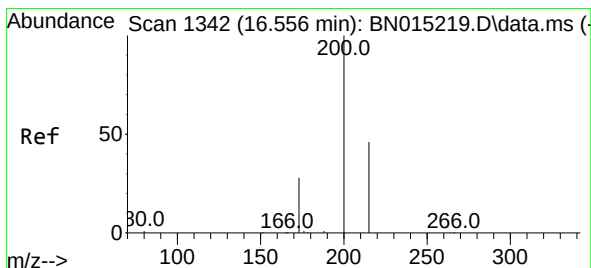
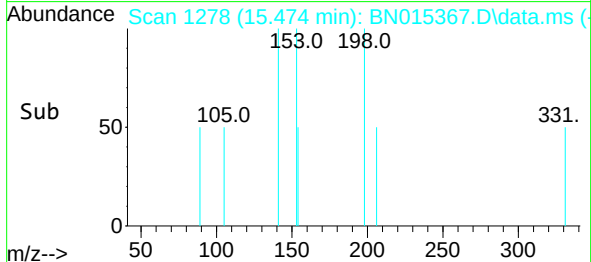
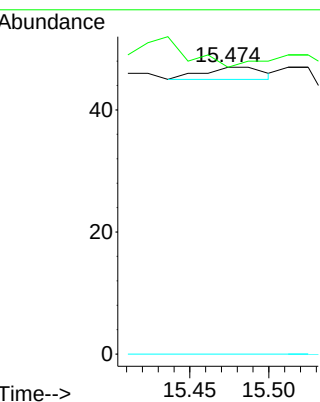
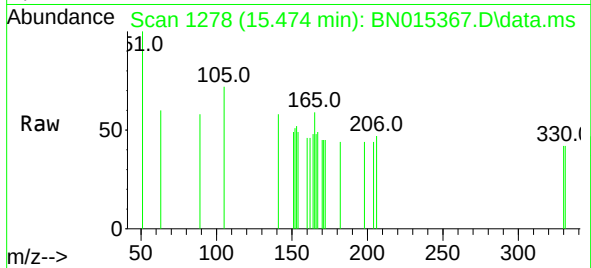




#20
4,6-Dinitro-2-methylphenol
Concen: 0.195 ng
RT: 15.474 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BN015367.D
Acq: 07 Jul 2021 11:04

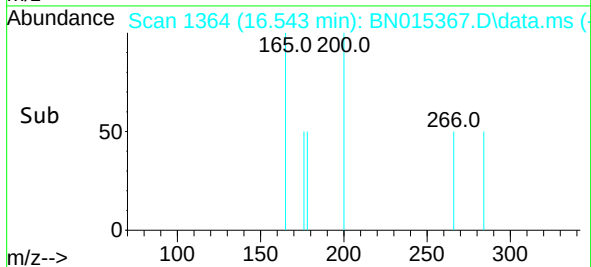
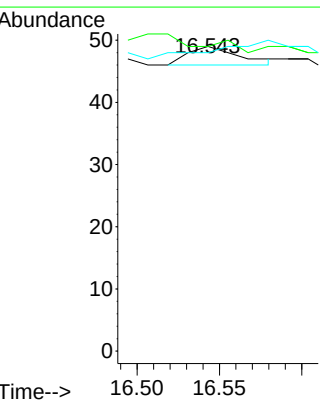
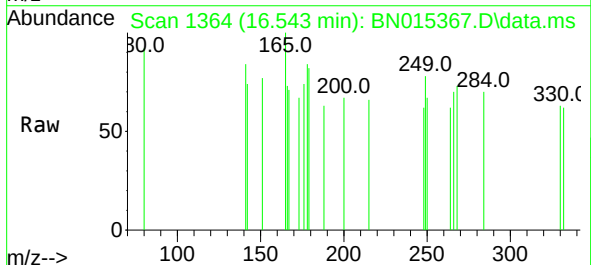
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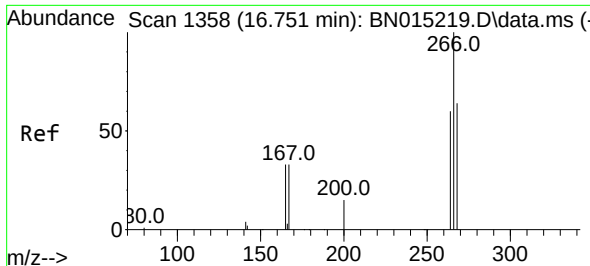
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
182 100.0 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.173 ng
RT: 16.543 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BN015367.D
Acq: 07 Jul 2021 11:04

Tgt Ion:200 Resp: 7
Ion Ratio Lower Upper
200 100
173 100.0 21.7 32.5#
215 98.0 43.1 64.7#

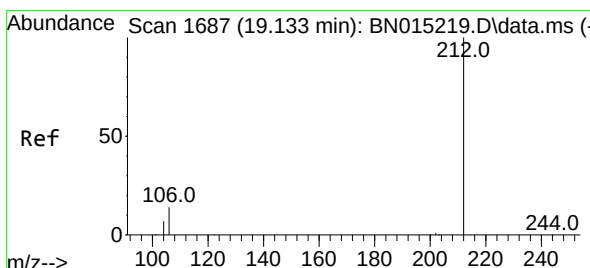
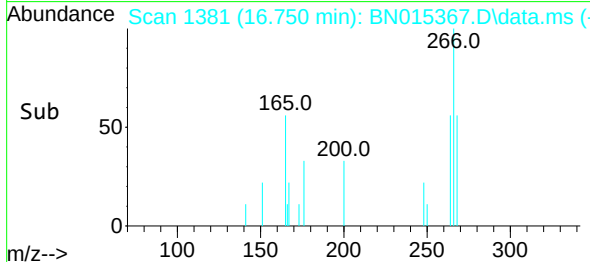
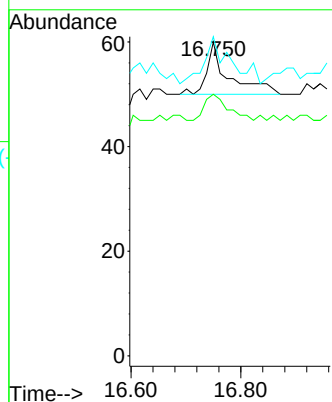
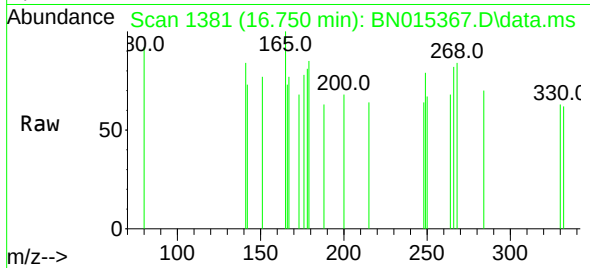




#24
Pentachlorophenol
Concen: 0.245 ng
RT: 16.750 min Scan# 1381
Delta R.T. 0.012 min
Lab File: BN015367.D
Acq: 07 Jul 2021 11:04

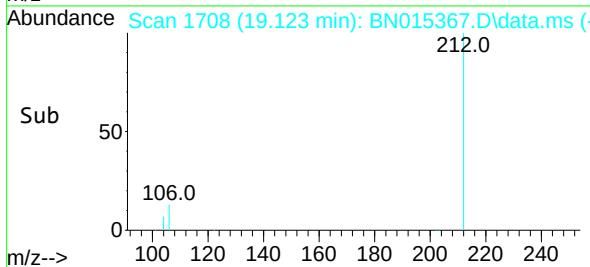
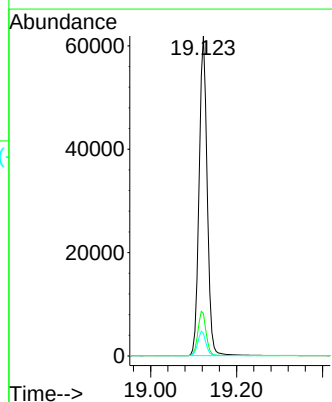
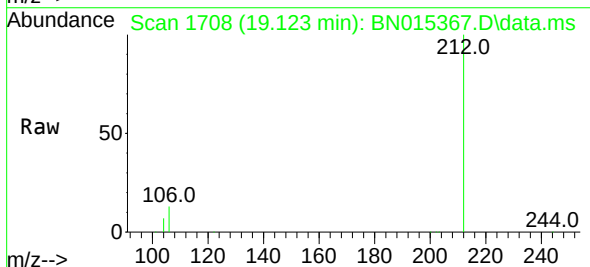
Instrument :
BNA_N
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PB137445BL

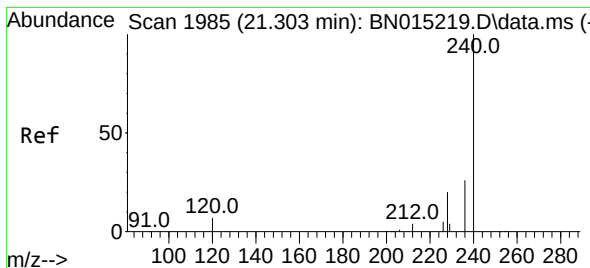
Tgt Ion:	266	Resp:	27
Ion Ratio	Lower	Upper	
266	100		
264	55.6	51.0	76.4
268	114.8	50.6	76.0#



#27
Fluoranthene-d10
Concen: 0.368 ng
RT: 19.123 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BN015367.D
Acq: 07 Jul 2021 11:04

Tgt Ion:	212	Resp:	80751
Ion Ratio	Lower	Upper	
212	100		
106	14.0	7.0	10.6#
104	7.6	4.1	6.1#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.281 min Scan# 2006

Delta R.T. -0.010 min

Lab File: BN015367.D

Acq: 07 Jul 2021 11:04

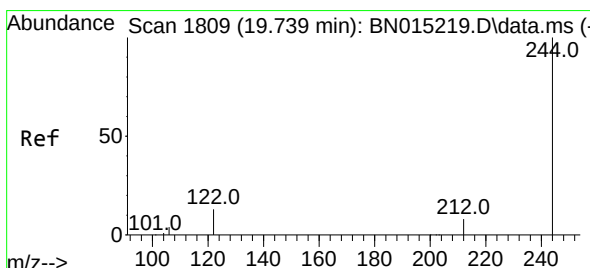
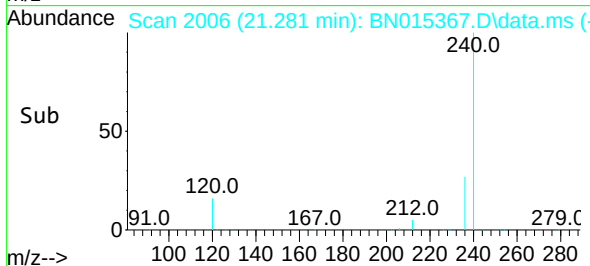
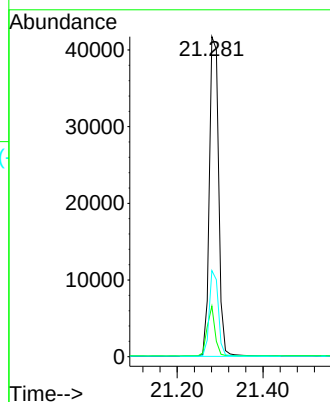
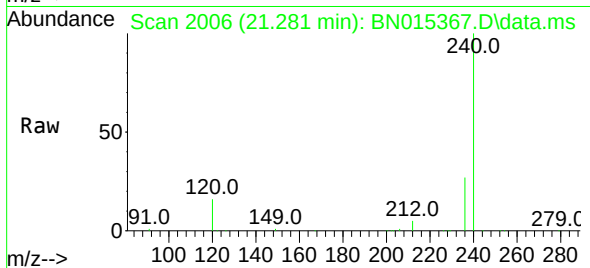
Tgt Ion:240 Resp: 62628

Ion Ratio Lower Upper

240 100

120 15.8 4.2 6.4#

236 26.9 21.4 32.2



#31

Terphenyl-d14

Concen: 0.441 ng

RT: 19.728 min Scan# 1830

Delta R.T. 0.000 min

Lab File: BN015367.D

Acq: 07 Jul 2021 11:04

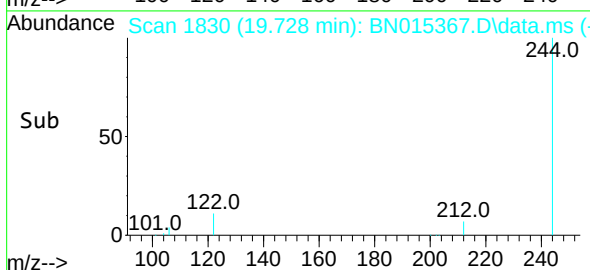
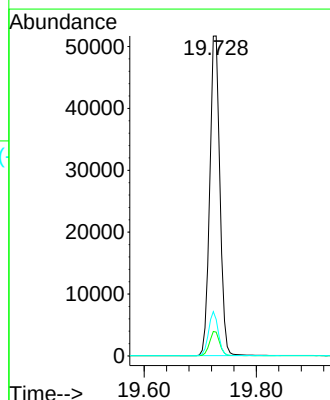
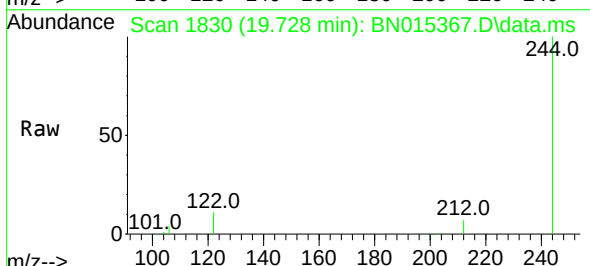
Tgt Ion:244 Resp: 64600

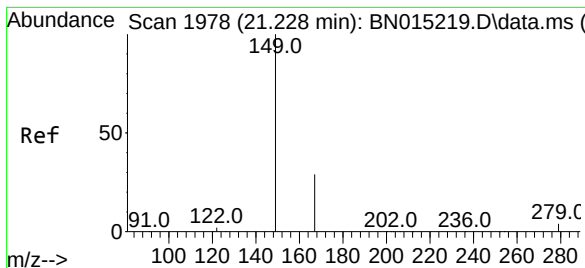
Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

122 11.4 6.2 9.2#

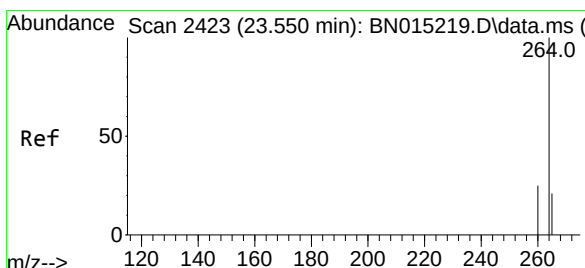
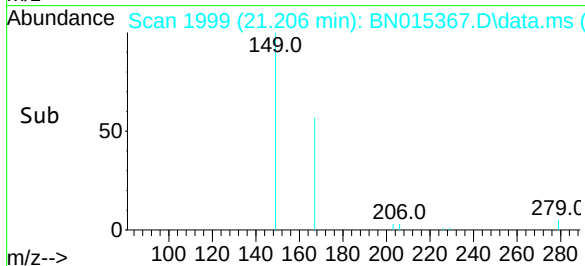
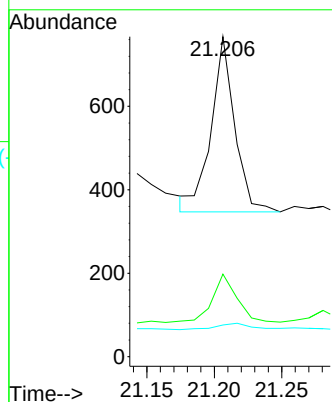
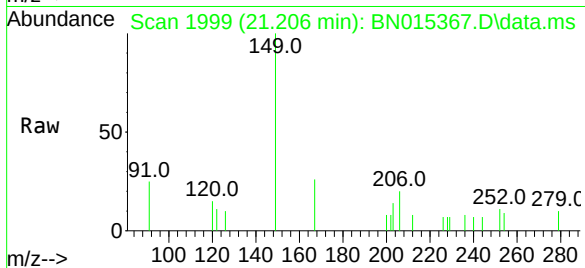




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.151 ng
 RT: 21.206 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: BN015367.D
 Acq: 07 Jul 2021 11:04

Instrument :
 BNA_N
 ClientSampleId :
 PB137445BL

Tgt Ion:149 Resp: 510
 Ion Ratio Lower Upper
 149 100
 167 30.6 28.9 43.3
 279 4.9 4.9 7.3



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.529 min Scan# 2440
 Delta R.T. 0.000 min
 Lab File: BN015367.D
 Acq: 07 Jul 2021 11:04

Tgt Ion:264 Resp: 53969
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.6 31.0
 265 23.5 21.4 32.2

