

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070721\
 Data File : BN015389.D
 Acq On : 08 Jul 2021 02:20
 Operator : CG/JU
 Sample : M2939-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 08 06:45:18 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)

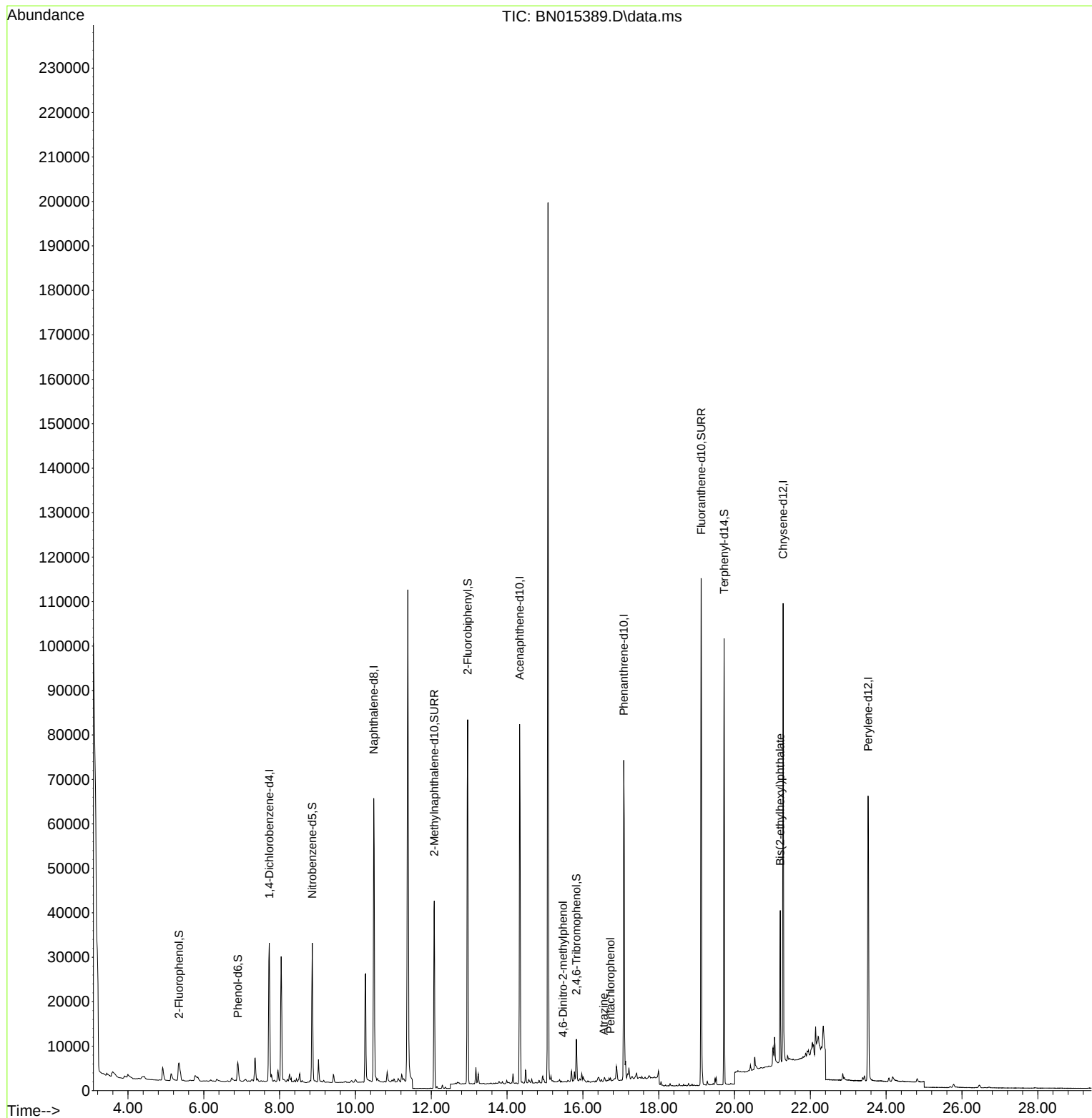
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	19619	0.40	ng	# 0.00
7) Naphthalene-d8	10.483	136	90068	0.40	ng	# 0.00
13) Acenaphthene-d10	14.332	164	49581	0.40	ng	0.00
19) Phenanthrene-d10	17.079	188	101352	0.40	ng	0.00
29) Chrysene-d12	21.281	240	91585	0.40	ng	#-0.01
35) Perylene-d12	23.522	264	86363	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.347	112	7836	0.16	ng	0.00
5) Phenol-d6	6.896	99	5454	0.09	ng	0.00
8) Nitrobenzene-d5	8.861	82	26013	0.52	ng	0.00
11) 2-Methylnaphthalene-d10	12.078	152	56347	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	6837	0.54	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	75962	0.38	ng	0.00
27) Fluoranthene-d10	19.123	212	128607	0.43	ng	0.00
31) Terphenyl-d14	19.723	244	99005	0.46	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.474	198	18	0.20	ng	# 1
23) Atrazine	16.555	200	124	0.17	ng	# 6
24) Pentachlorophenol	16.726	266	503	0.28	ng	# 46
34) Bis(2-ethylhexyl)phtha...	21.206	149	29012	0.41	ng	# 88

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

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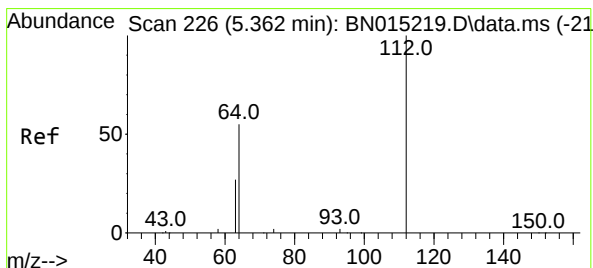
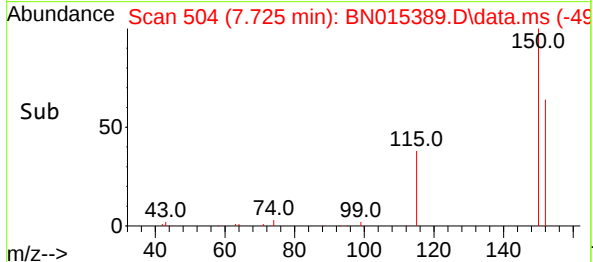
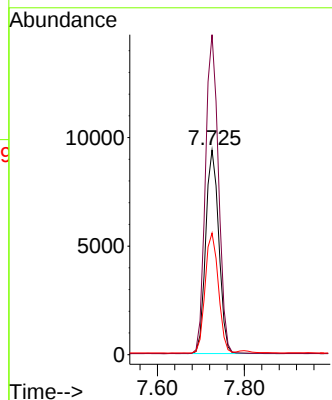
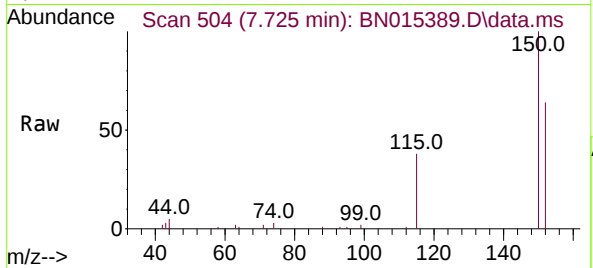




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.725 min Scan# 504
 Delta R.T. 0.000 min
 Lab File: BN015389.D
 Acq: 08 Jul 2021 02:20

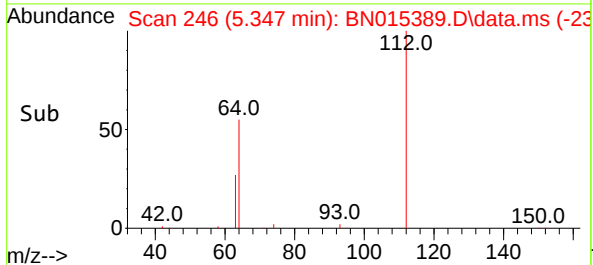
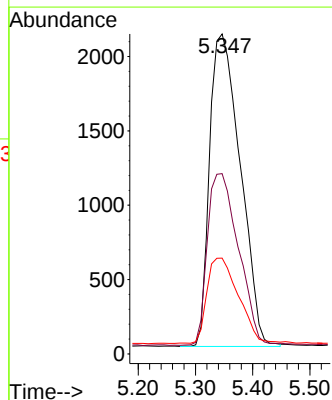
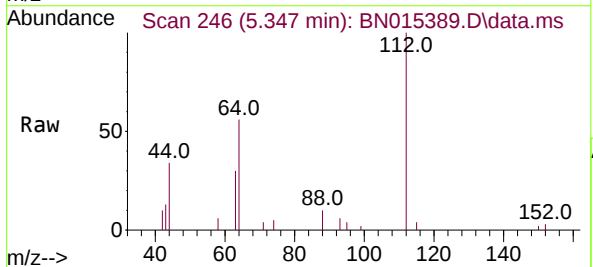
Instrument :
 BNA_N
 ClientSampled :

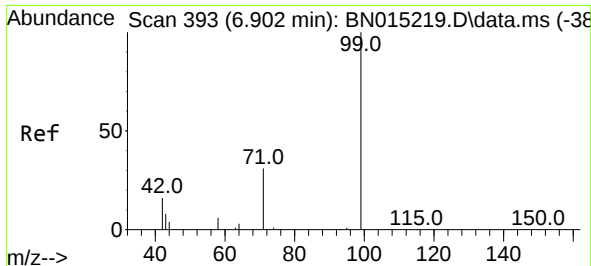
Tgt Ion:152 Resp: 19619
 Ion Ratio Lower Upper
 152 100
 150 156.4 119.0 178.6
 115 59.5 62.2 93.4#



#4
 2-Fluorophenol
 Concen: 0.16 ng
 RT: 5.347 min Scan# 246
 Delta R.T. 0.009 min
 Lab File: BN015389.D
 Acq: 08 Jul 2021 02:20

Tgt Ion:112 Resp: 7836
 Ion Ratio Lower Upper
 112 100
 64 55.6 39.0 58.6
 63 27.9 20.6 30.8

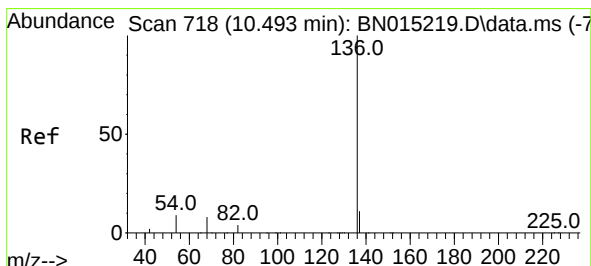
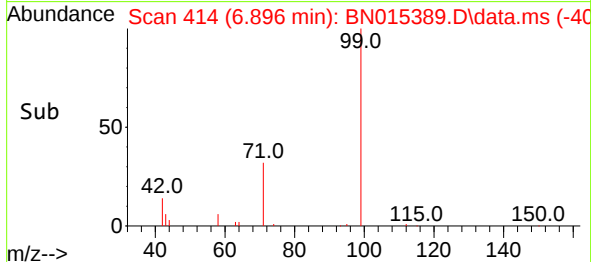
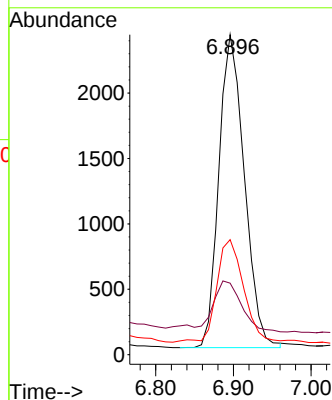
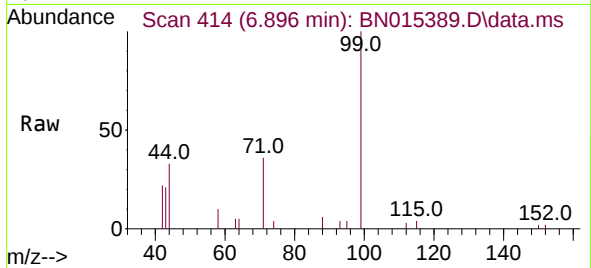




#5
Phenol-d6
Concen: 0.09 ng
RT: 6.896 min Scan# 414
Delta R.T. 0.000 min
Lab File: BN015389.D
Acq: 08 Jul 2021 02:20

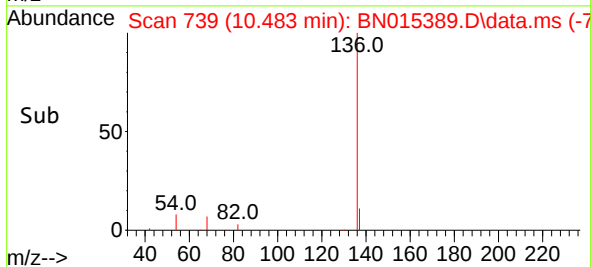
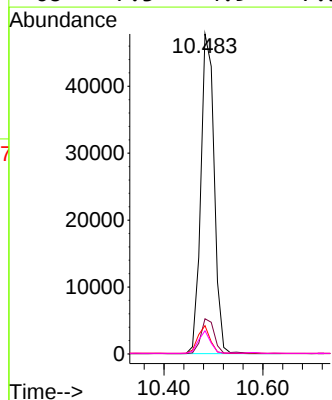
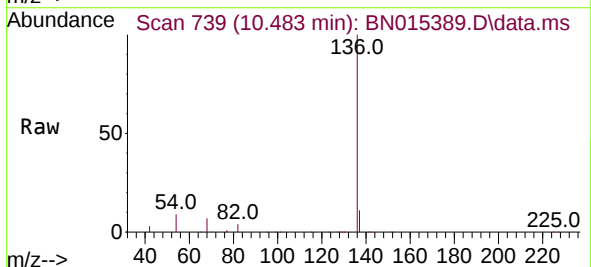
Instrument :
BNA_N
ClientSampled :

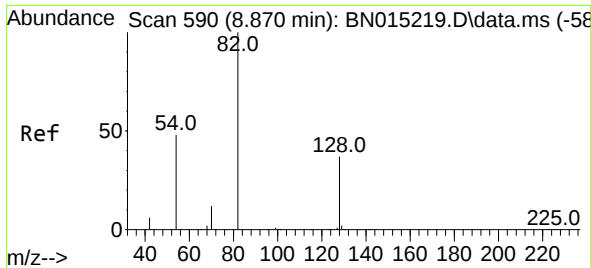
Tgt Ion: 99 Resp: 5454
Ion Ratio Lower Upper
99 100
42 19.5 8.9 13.3#
71 34.3 35.6 53.4#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.483 min Scan# 739
Delta R.T. 0.000 min
Lab File: BN015389.D
Acq: 08 Jul 2021 02:20

Tgt Ion: 136 Resp: 90068
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.8
54 8.9 5.4 8.2#
68 7.3 4.9 7.3

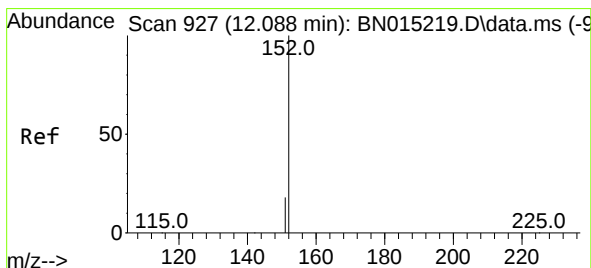
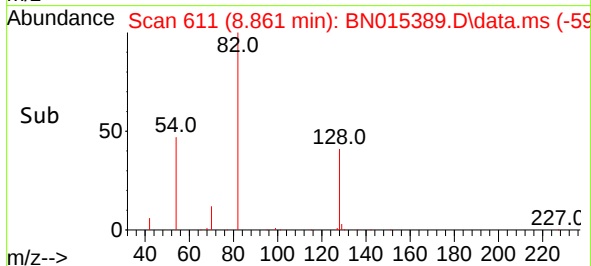
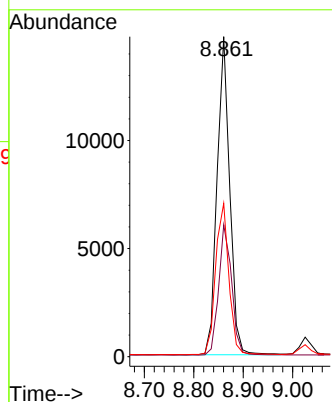
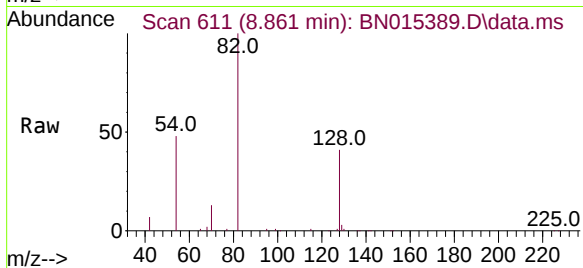




#8
Nitrobenzene-d5
Concen: 0.52 ng
RT: 8.861 min Scan# 611
Delta R.T. 0.000 min
Lab File: BN015389.D
Acq: 08 Jul 2021 02:20

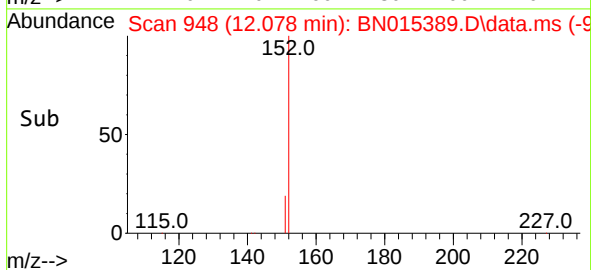
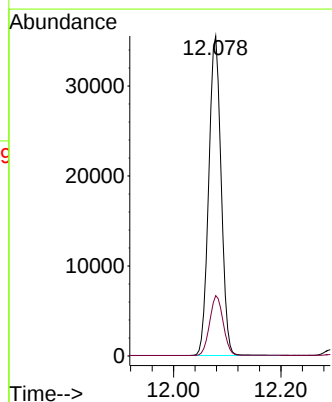
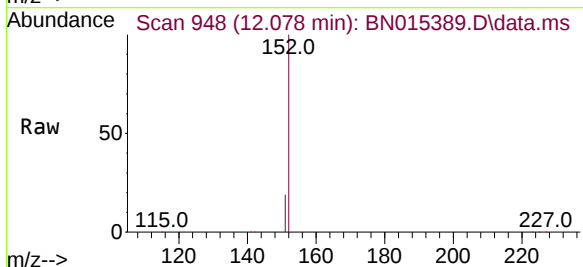
Instrument :
BNA_N
ClientSampleId :

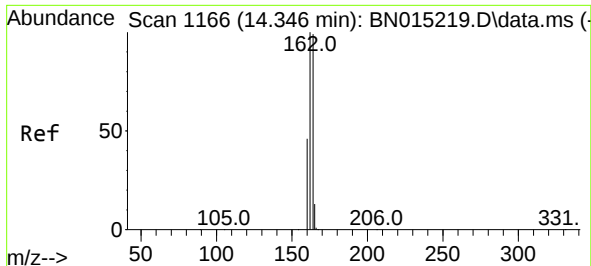
Tgt Ion: 82 Resp: 26013
Ion Ratio Lower Upper
82 100
128 41.2 31.6 47.4
54 47.9 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.38 ng
RT: 12.078 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN015389.D
Acq: 08 Jul 2021 02:20

Tgt Ion: 152 Resp: 56347
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1

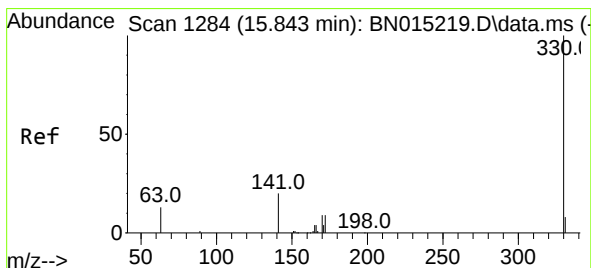
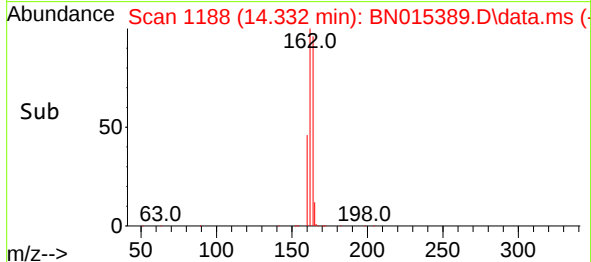
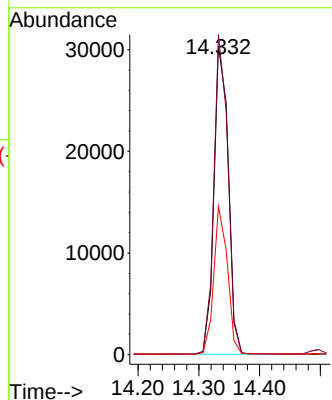
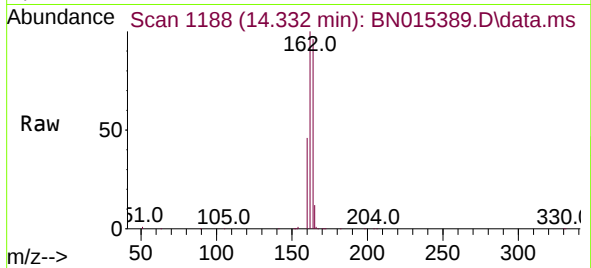




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN015389.D
Acq: 08 Jul 2021 02:20

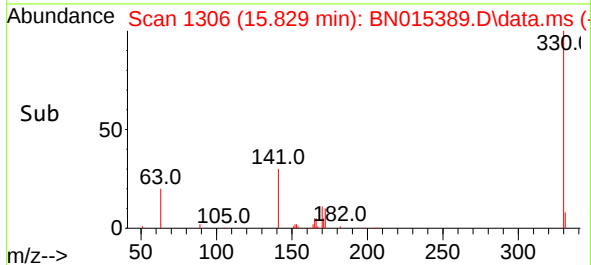
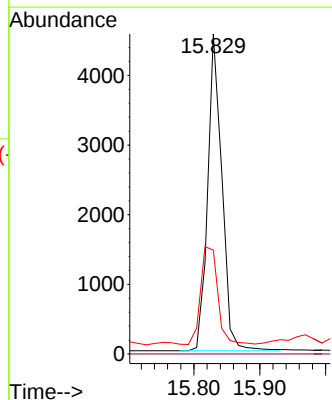
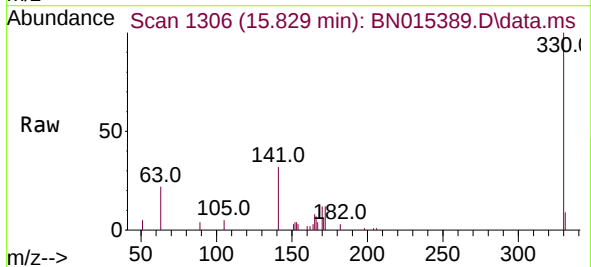
Instrument :
BNA_N
ClientSampleId :

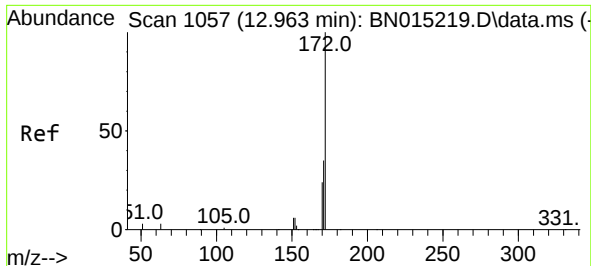
Tgt Ion:164 Resp: 49581
Ion Ratio Lower Upper
164 100
162 103.6 83.8 125.6
160 48.0 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.54 ng
RT: 15.829 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BN015389.D
Acq: 08 Jul 2021 02:20

Tgt Ion:330 Resp: 6837
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.9 22.4 33.6#

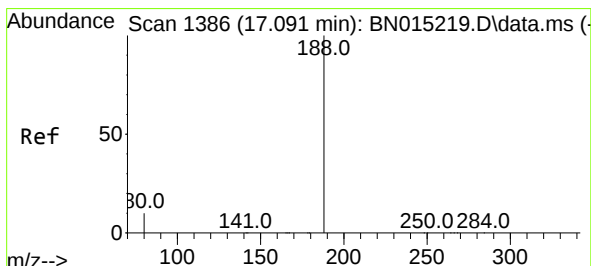
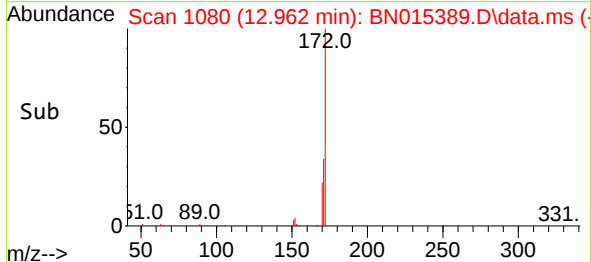
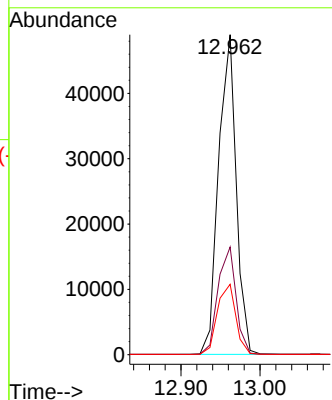
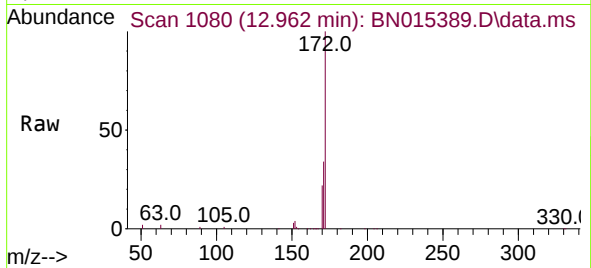




#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 12.962 min Scan# 1080
Delta R.T. 0.000 min
Lab File: BN015389.D
Acq: 08 Jul 2021 02:20

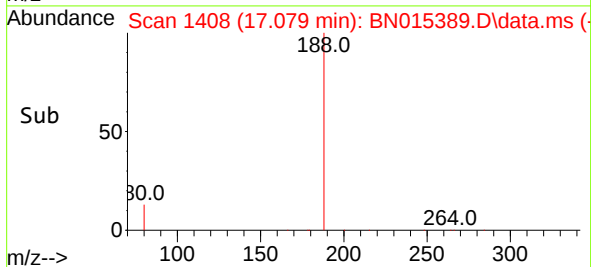
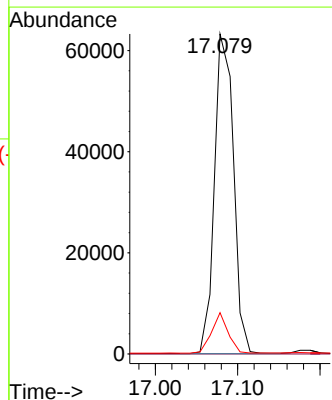
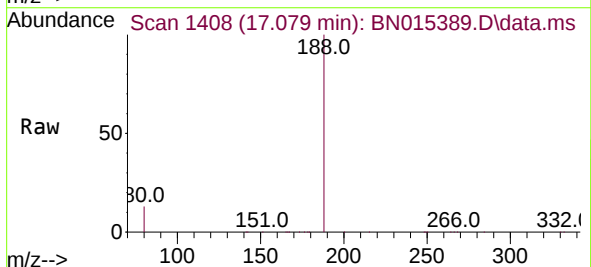
Instrument :
BNA_N
ClientSampled :

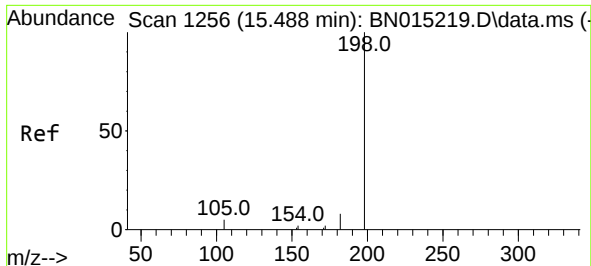
Tgt Ion:172 Resp: 75962
Ion Ratio Lower Upper
172 100
171 33.7 30.6 45.8
170 22.0 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.079 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BN015389.D
Acq: 08 Jul 2021 02:20

Tgt Ion:188 Resp: 101352
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.9 9.0 13.4

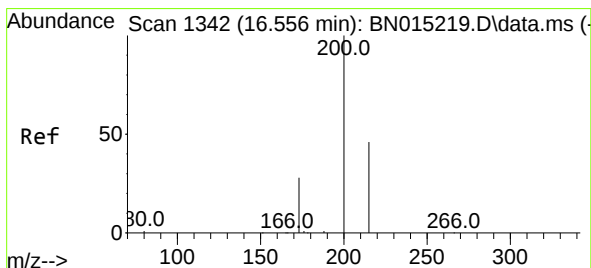
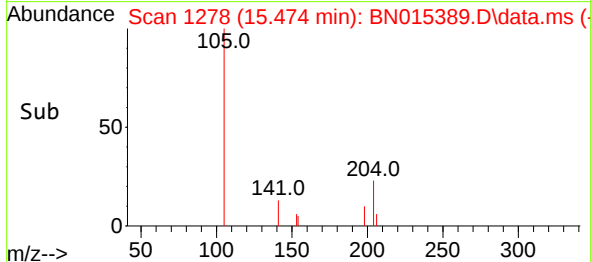
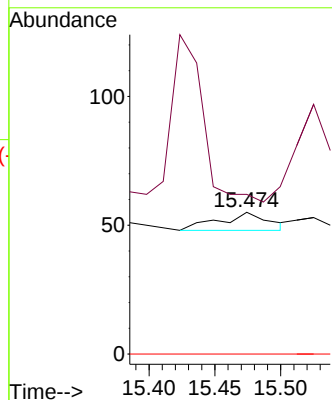
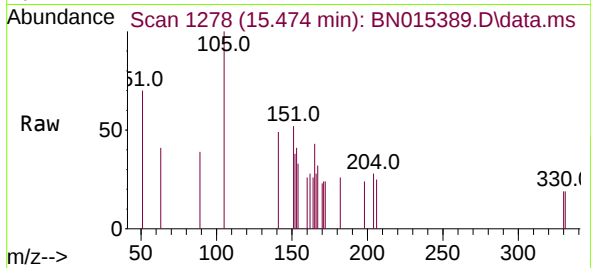




#20
4,6-Dinitro-2-methylphenol
Concen: 0.20 ng
RT: 15.474 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BN015389.D
Acq: 08 Jul 2021 02:20

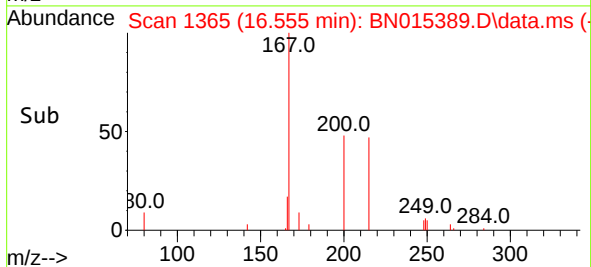
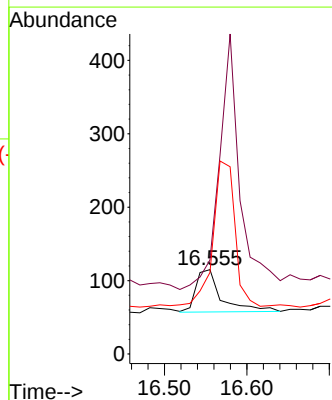
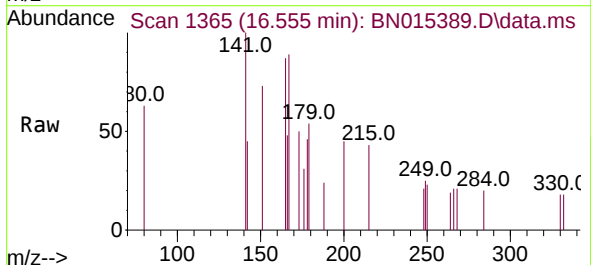
Instrument :
BNA_N
ClientSampled :

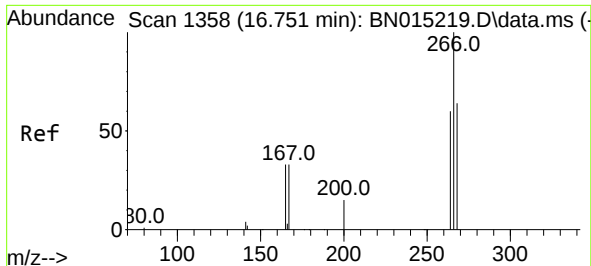
Tgt Ion:198 Resp: 18
Ion Ratio Lower Upper
198 100
182 112.7 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.17 ng
RT: 16.555 min Scan# 1365
Delta R.T. 0.012 min
Lab File: BN015389.D
Acq: 08 Jul 2021 02:20

Tgt Ion:200 Resp: 124
Ion Ratio Lower Upper
200 100
173 111.3 21.7 32.5#
215 96.5 43.1 64.7#

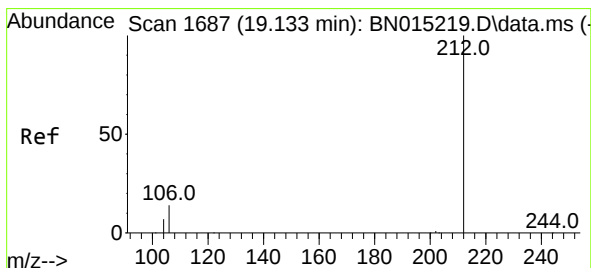
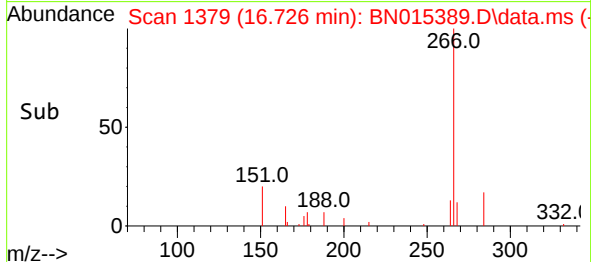
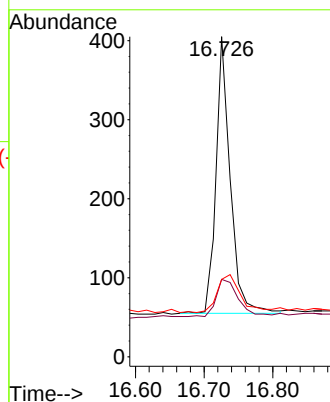
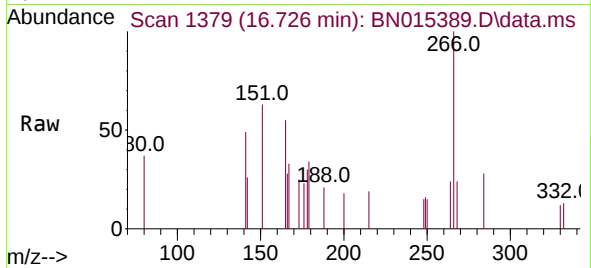




#24
 Pentachlorophenol
 Concen: 0.28 ng
 RT: 16.726 min Scan# 1379
 Delta R.T. -0.012 min
 Lab File: BN015389.D
 Acq: 08 Jul 2021 02:20

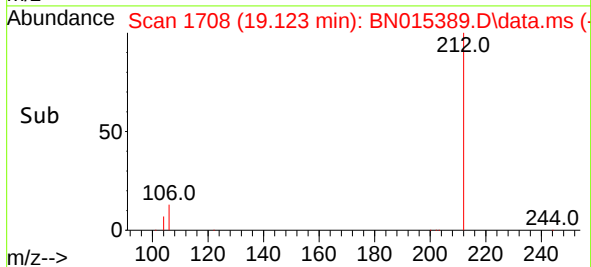
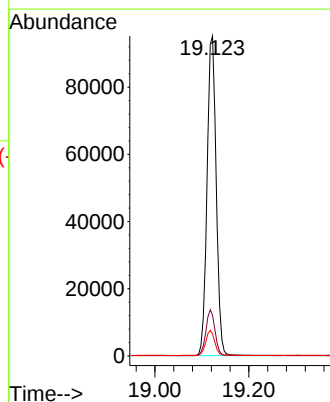
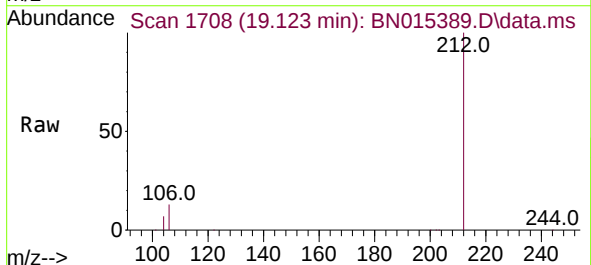
Instrument :
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 ClientSampleId :

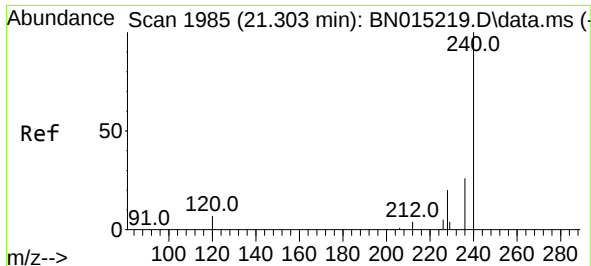
Tgt Ion:266	Resp:	503
Ion Ratio	Lower	Upper
266	100	
264	20.7	51.0 76.4#
268	22.5	50.6 76.0#



#27
 Fluoranthene-d10
 Concen: 0.43 ng
 RT: 19.123 min Scan# 1708
 Delta R.T. 0.000 min
 Lab File: BN015389.D
 Acq: 08 Jul 2021 02:20

Tgt Ion:212	Resp:	128607
Ion Ratio	Lower	Upper
212	100	
106	14.0	7.0 10.6#
104	7.9	4.1 6.1#

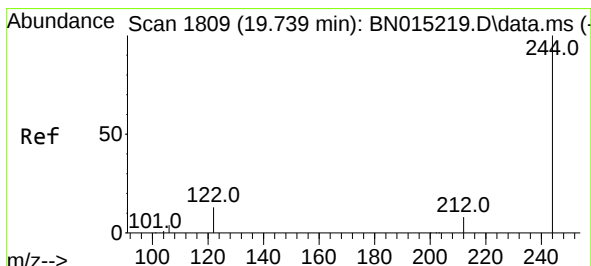
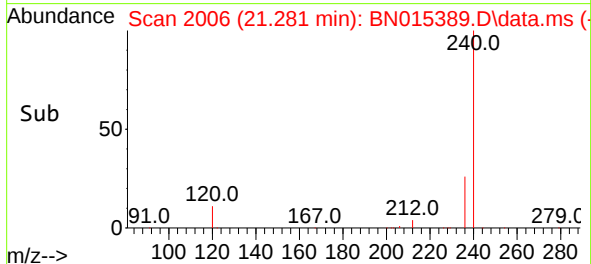
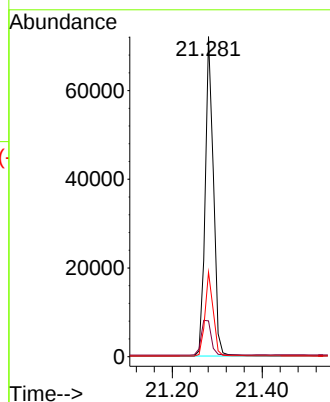
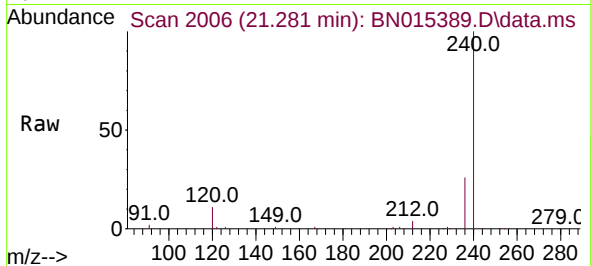




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.281 min Scan# 2006
Delta R.T. -0.010 min
Lab File: BN015389.D
Acq: 08 Jul 2021 02:20

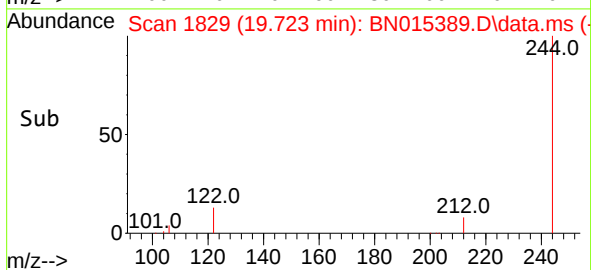
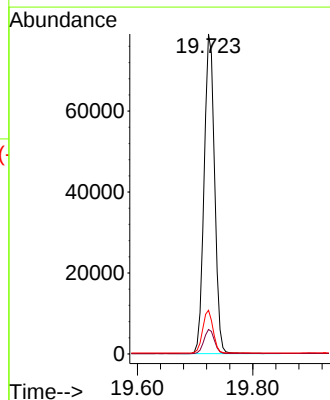
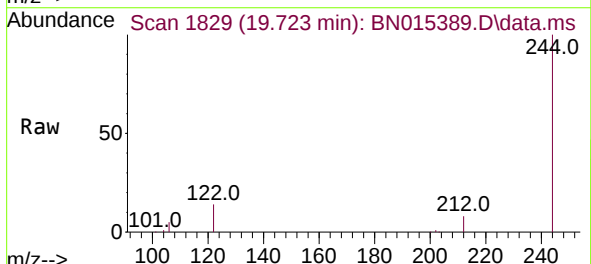
Instrument :
BNA_N
ClientSampleId :

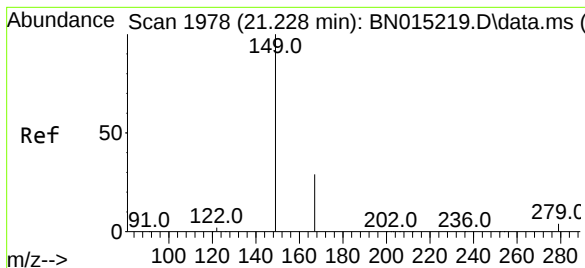
Tgt Ion:240 Resp: 91585
Ion Ratio Lower Upper
240 100
120 11.2 4.2 6.4#
236 26.4 21.4 32.2



#31
Terphenyl-d14
Concen: 0.46 ng
RT: 19.723 min Scan# 1829
Delta R.T. -0.005 min
Lab File: BN015389.D
Acq: 08 Jul 2021 02:20

Tgt Ion:244 Resp: 99005
Ion Ratio Lower Upper
244 100
212 7.6 6.3 9.5
122 13.7 6.2 9.2#

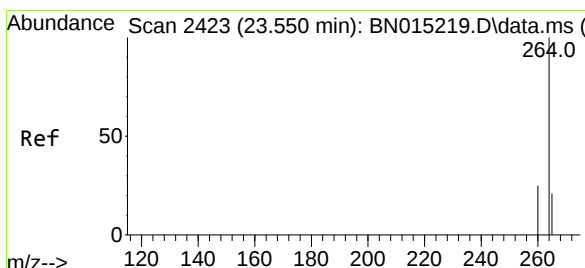
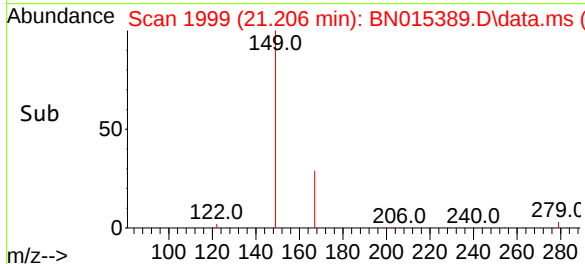
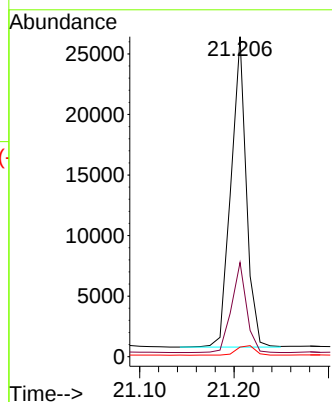
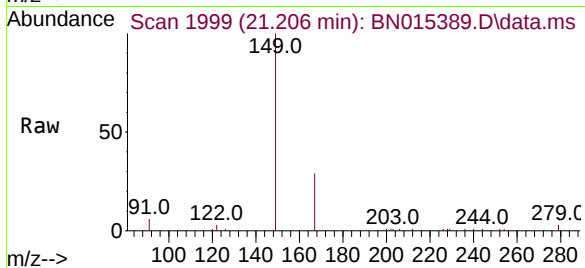




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.41 ng
 RT: 21.206 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: BN015389.D
 Acq: 08 Jul 2021 02:20

Instrument :
 BNA_N
 ClientSampled :

Tgt Ion:149 Resp: 29012
 Ion Ratio Lower Upper
 149 100
 167 28.3 28.9 43.3#
 279 3.7 4.9 7.3#



#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.522 min Scan# 2438
 Delta R.T. -0.007 min
 Lab File: BN015389.D
 Acq: 08 Jul 2021 02:20

Tgt Ion:264 Resp: 86363
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.6 31.0
 265 22.6 21.4 32.2

