

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070721\
 Data File : BN015399.D
 Acq On : 08 Jul 2021 08:21
 Operator : CG/JU
 Sample : SP5615
 Misc : 8270 SIM SURROGATE
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 08 08:51:06 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)

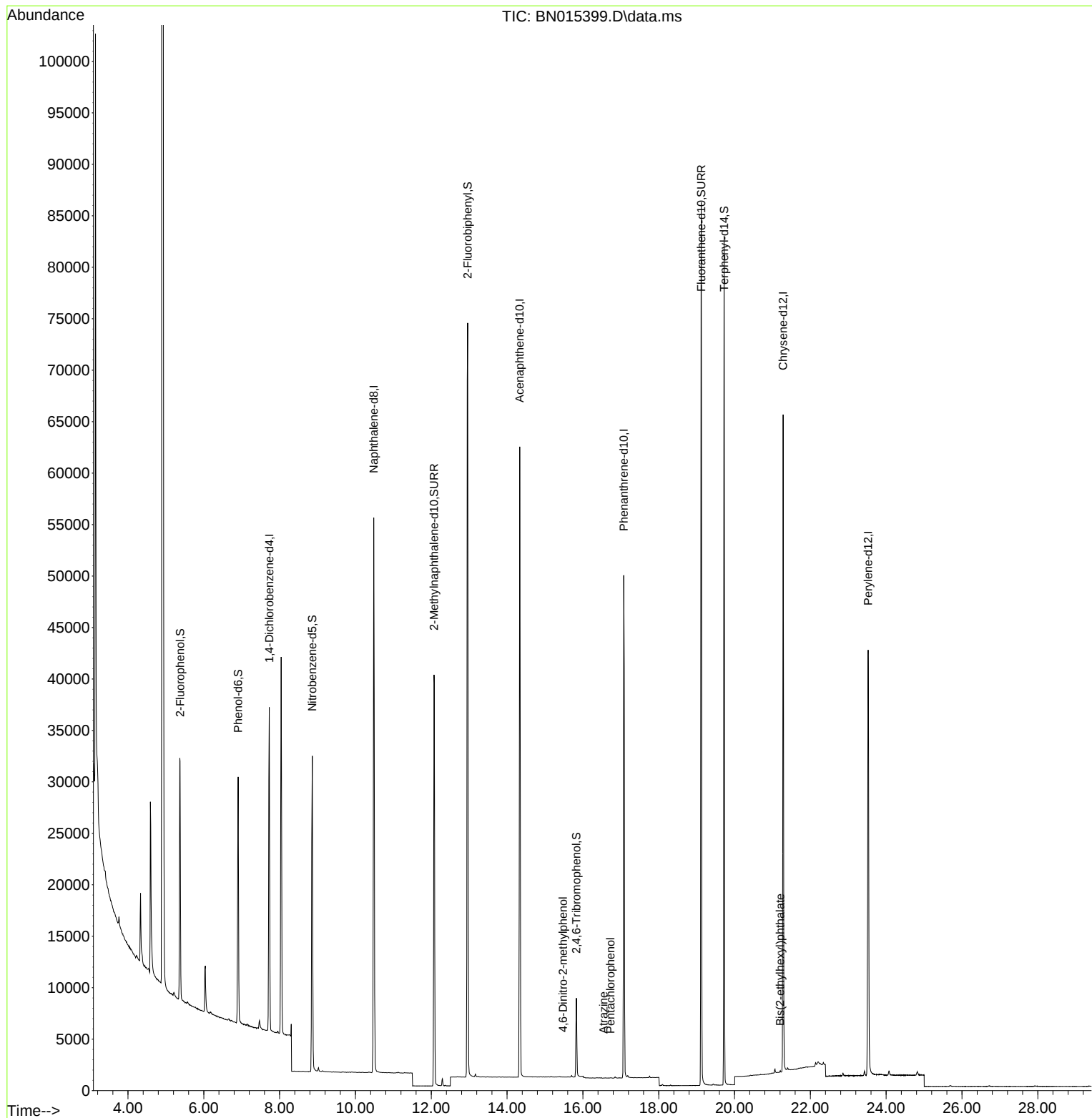
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	15846	0.40	ng	# 0.00
7) Naphthalene-d8	10.482	136	72254	0.40	ng	0.00
13) Acenaphthene-d10	14.332	164	36872	0.40	ng	0.00
19) Phenanthrene-d10	17.078	188	70669	0.40	ng	0.00
29) Chrysene-d12	21.280	240	58518	0.40	ng	#-0.01
35) Perylene-d12	23.525	264	55954	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.374	112	20697	0.51	ng	0.04
5) Phenol-d6	6.904	99	23457	0.46	ng	0.00
8) Nitrobenzene-d5	8.860	82	25975	0.64	ng	0.00
11) 2-Methylnaphthalene-d10	12.074	152	54671	0.46	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	6019	0.60	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	73586	0.49	ng	0.00
27) Fluoranthene-d10	19.122	212	95719	0.46	ng	0.00
31) Terphenyl-d14	19.723	244	77079	0.56	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.474	198	10	0.20	ng	# 8
23) Atrazine	16.543	200	4	0.17	ng	# 11
24) Pentachlorophenol	16.725	266	26	0.25	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.206	149	184	0.15	ng	# 86

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

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Quant Time: Jul 08 08:51:06 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

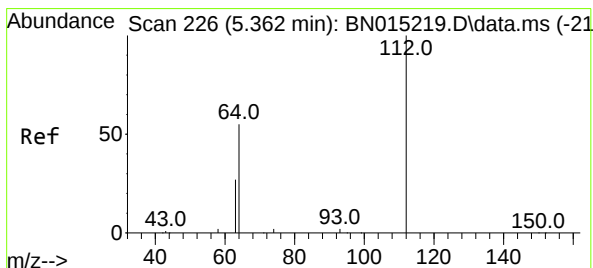
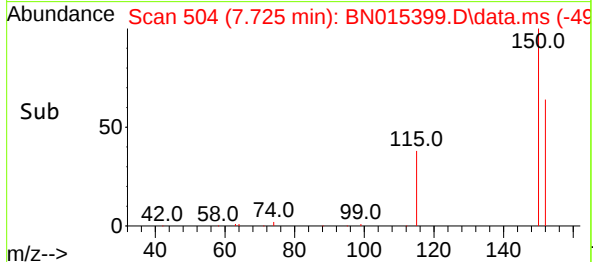
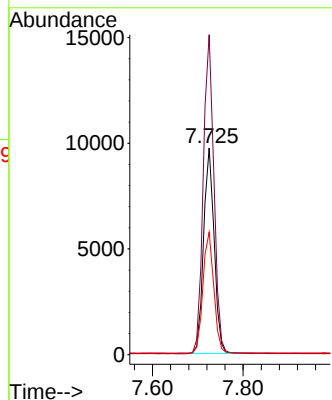
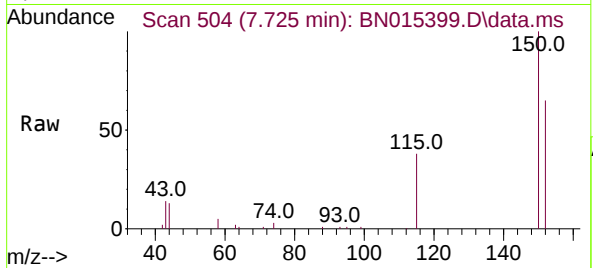




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.725 min Scan# 504
 Delta R.T. 0.000 min
 Lab File: BN015399.D
 Acq: 08 Jul 2021 08:21

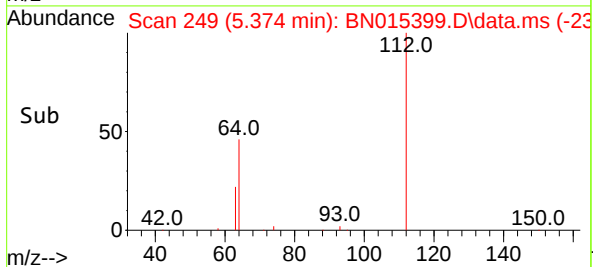
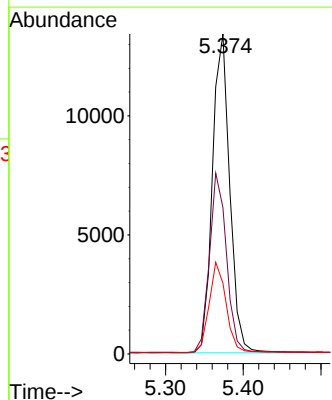
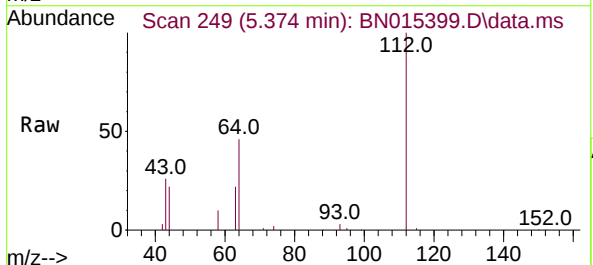
Instrument :
 BNA_N
 ClientSampleId :

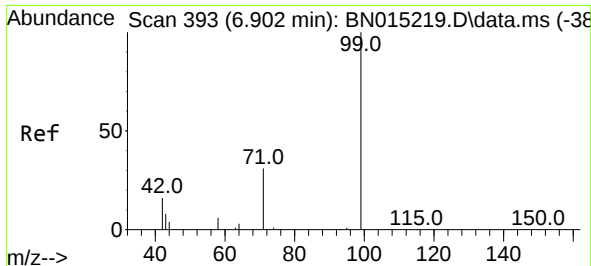
Tgt Ion:152 Resp: 15846
 Ion Ratio Lower Upper
 152 100
 150 154.7 119.0 178.6
 115 59.3 62.2 93.4#



#4
 2-Fluorophenol
 Concen: 0.51 ng
 RT: 5.374 min Scan# 249
 Delta R.T. 0.037 min
 Lab File: BN015399.D
 Acq: 08 Jul 2021 08:21

Tgt Ion:112 Resp: 20697
 Ion Ratio Lower Upper
 112 100
 64 55.6 39.0 58.6
 63 27.5 20.6 30.8

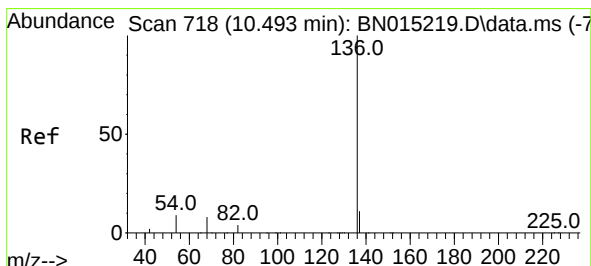
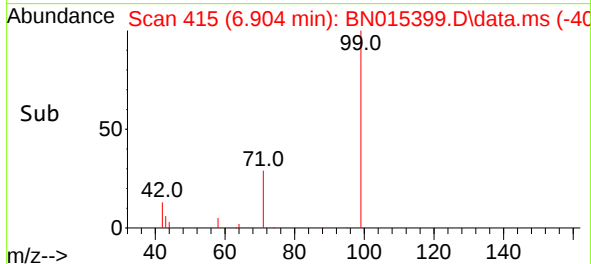
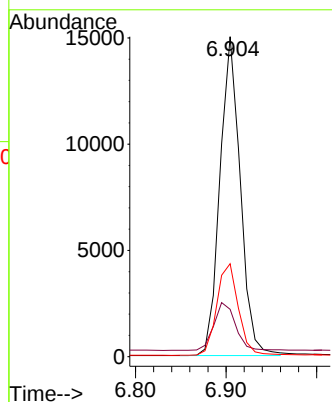
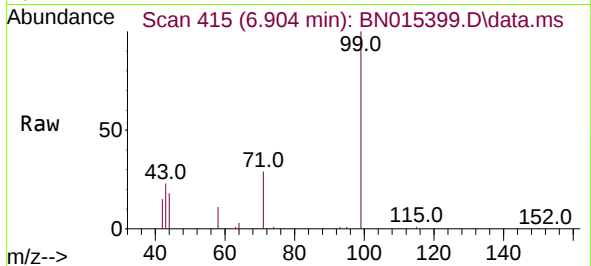




#5
Phenol-d6
Concen: 0.46 ng
RT: 6.904 min Scan# 415
Delta R.T. 0.009 min
Lab File: BN015399.D
Acq: 08 Jul 2021 08:21

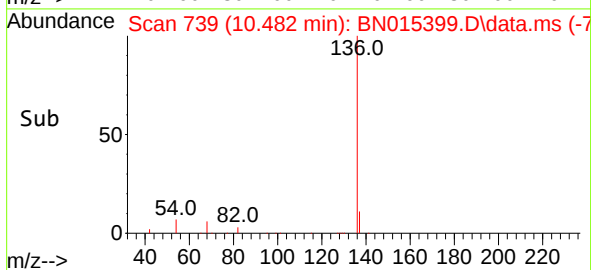
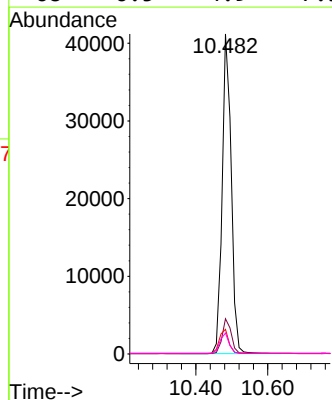
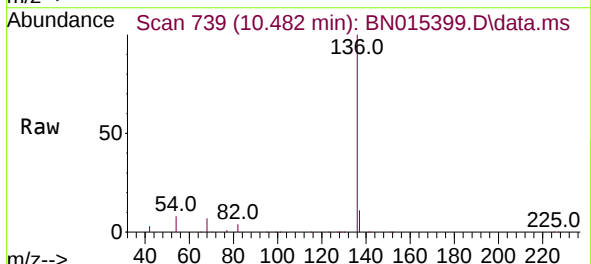
Instrument :
BNA_N
ClientSampled :

Tgt Ion: 99 Resp: 23457
Ion Ratio Lower Upper
99 100
42 15.9 8.9 13.3#
71 30.4 35.6 53.4#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.482 min Scan# 739
Delta R.T. -0.000 min
Lab File: BN015399.D
Acq: 08 Jul 2021 08:21

Tgt Ion: 136 Resp: 72254
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.8
54 7.7 5.4 8.2
68 6.5 4.9 7.3

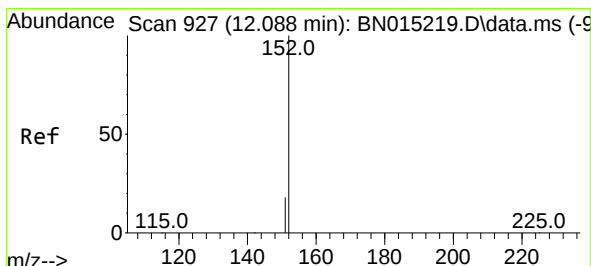
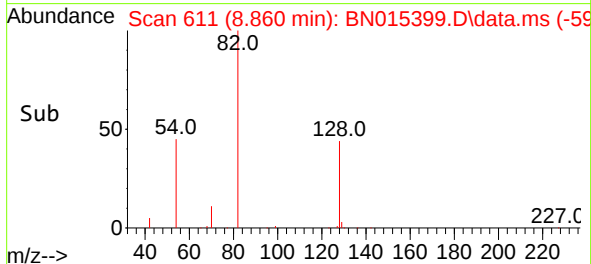
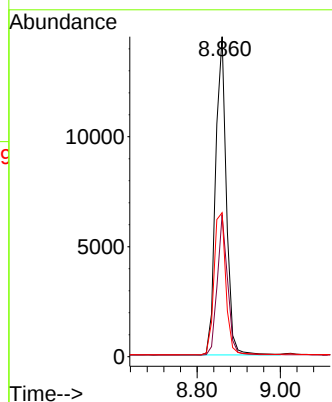
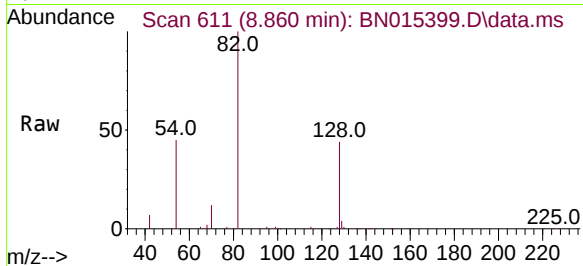




#8
Nitrobenzene-d5
Concen: 0.64 ng
RT: 8.860 min Scan# 611
Delta R.T. -0.000 min
Lab File: BN015399.D
Acq: 08 Jul 2021 08:21

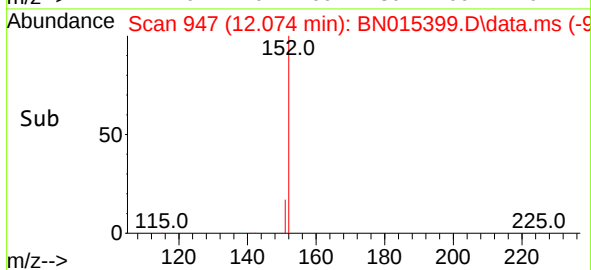
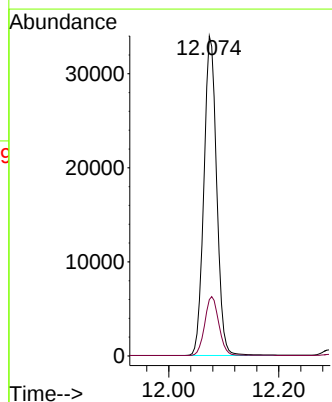
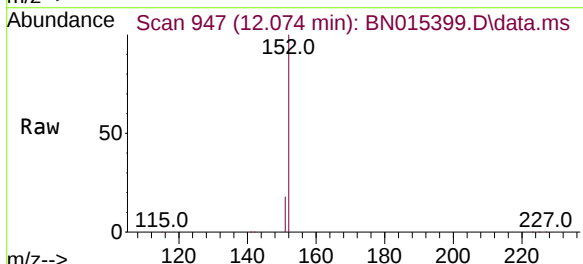
Instrument :
BNA_N
ClientSampleId :

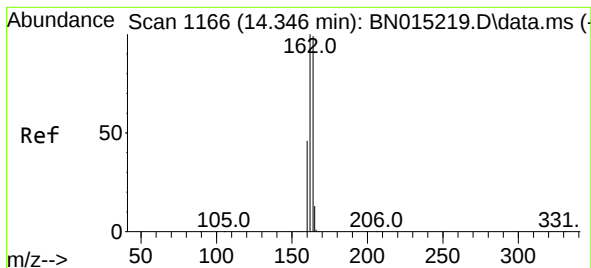
Tgt Ion: 82 Resp: 25975
Ion Ratio Lower Upper
82 100
128 44.4 31.6 47.4
54 45.0 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.46 ng
RT: 12.074 min Scan# 947
Delta R.T. -0.005 min
Lab File: BN015399.D
Acq: 08 Jul 2021 08:21

Tgt Ion: 152 Resp: 54671
Ion Ratio Lower Upper
152 100
151 20.4 16.7 25.1

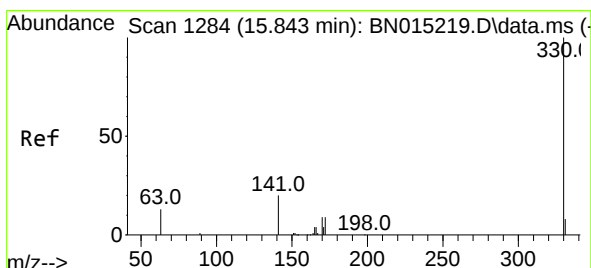
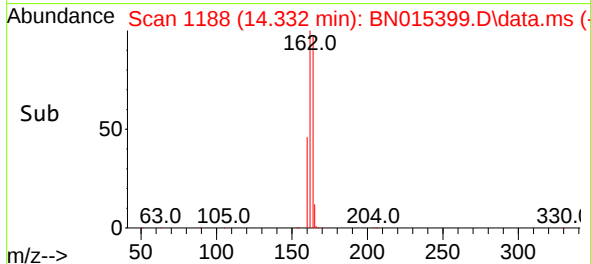
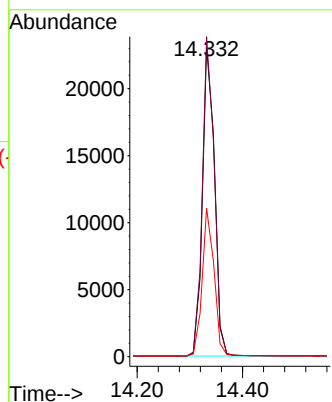
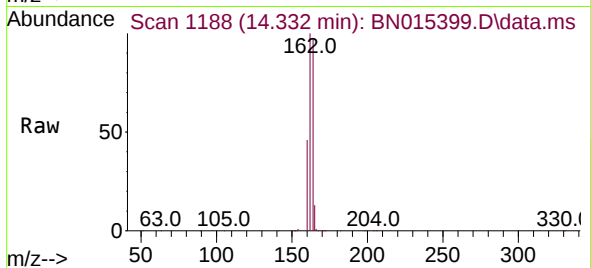




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.332 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BN015399.D
Acq: 08 Jul 2021 08:21

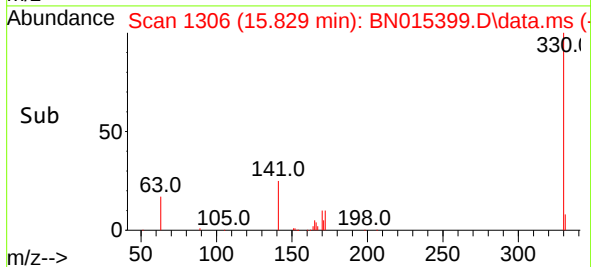
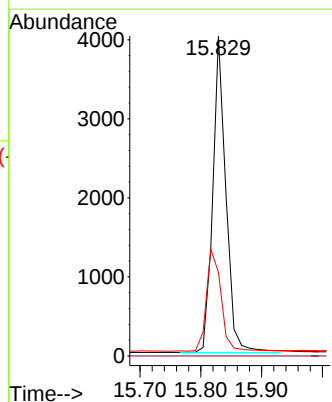
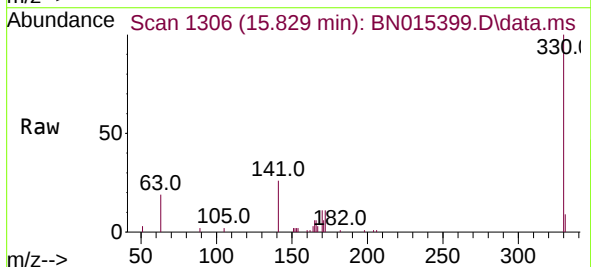
Instrument :
BNA_N
ClientSampled :

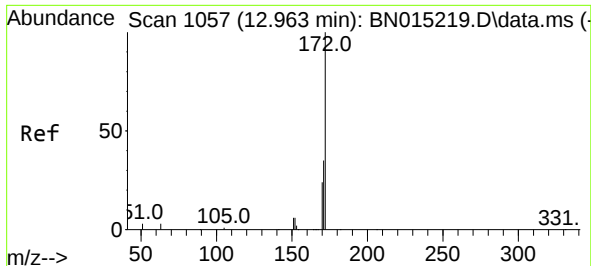
Tgt Ion:164 Resp: 36872
Ion Ratio Lower Upper
164 100
162 103.3 83.8 125.6
160 47.9 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.60 ng
RT: 15.829 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BN015399.D
Acq: 08 Jul 2021 08:21

Tgt Ion:330 Resp: 6019
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.9 22.4 33.6#

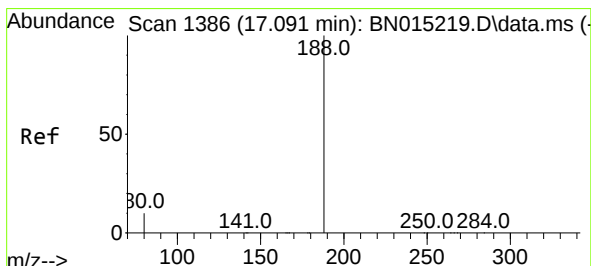
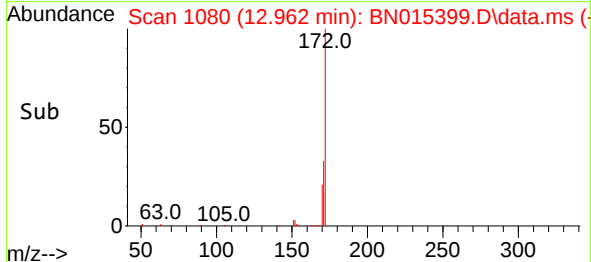
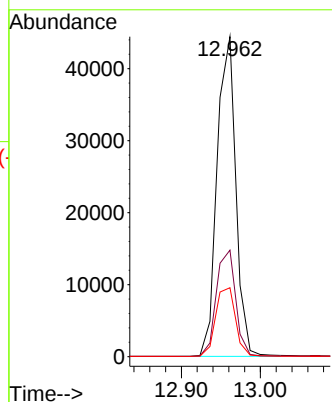
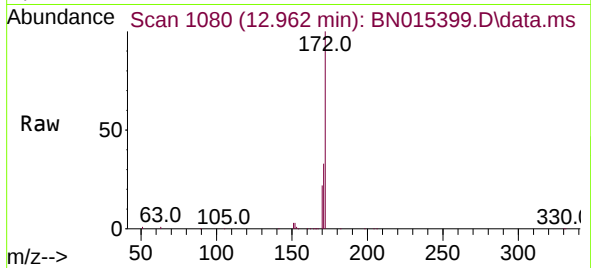




#15
2-Fluorobiphenyl
Concen: 0.49 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.000 min
Lab File: BN015399.D
Acq: 08 Jul 2021 08:21

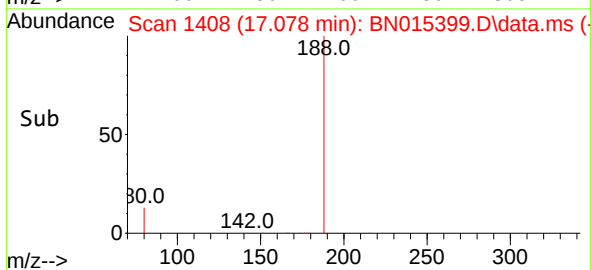
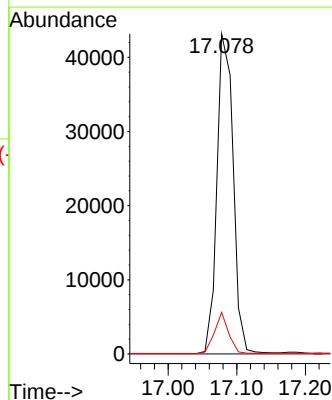
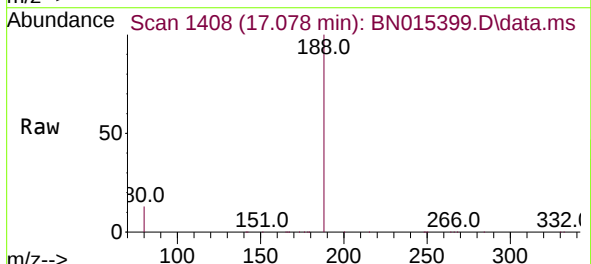
Instrument :
BNA_N
ClientSampleId :

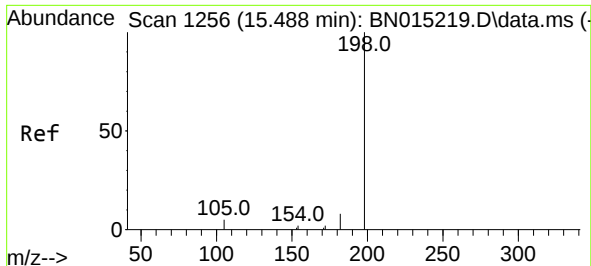
Tgt Ion:172	Resp:	73586
Ion Ratio	Lower	Upper
172	100	
171	33.3	30.6 45.8
170	21.5	20.2 30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.078 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BN015399.D
Acq: 08 Jul 2021 08:21

Tgt Ion:188	Resp:	70669
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	13.0	9.0 13.4

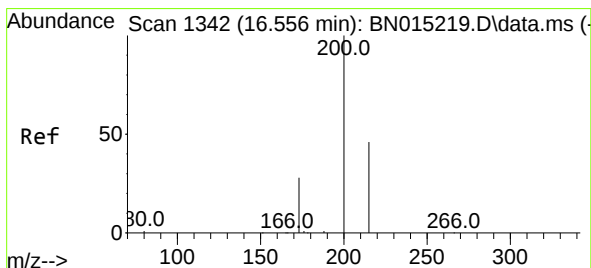
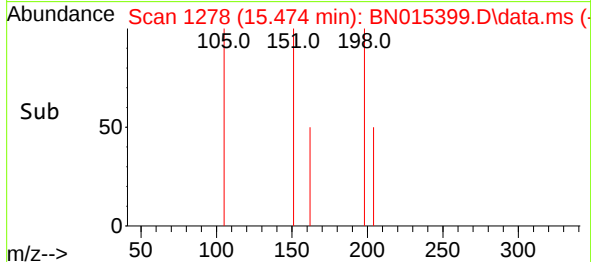
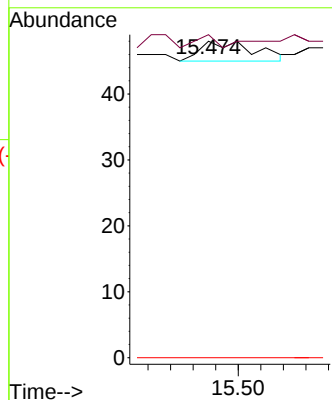
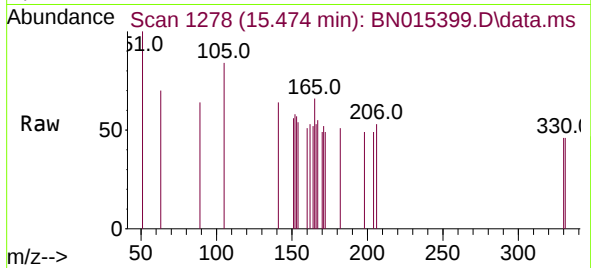




#20
4,6-Dinitro-2-methylphenol
Concen: 0.20 ng
RT: 15.474 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BN015399.D
Acq: 08 Jul 2021 08:21

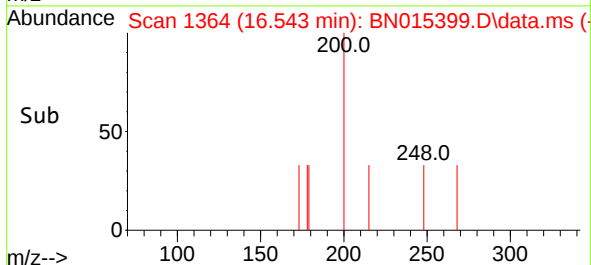
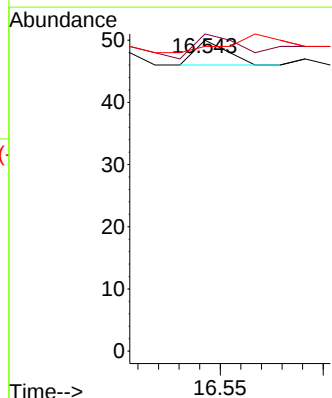
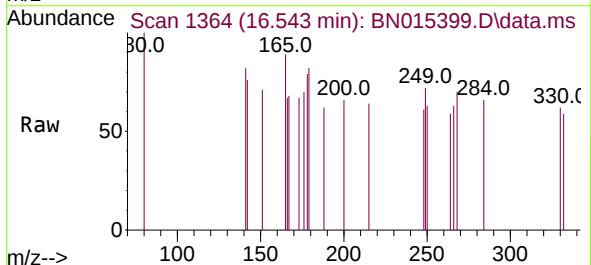
Instrument :
BNA_N
ClientSampled :

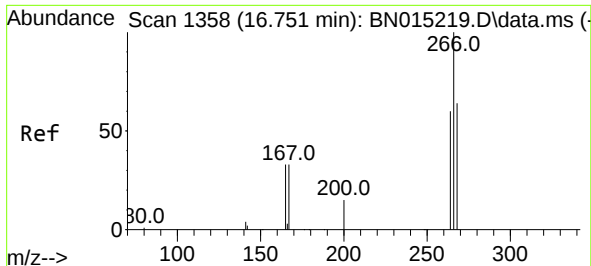
Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
182 102.1 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.17 ng
RT: 16.543 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BN015399.D
Acq: 08 Jul 2021 08:21

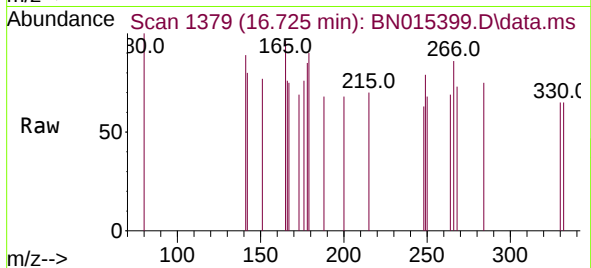
Tgt Ion:200 Resp: 4
Ion Ratio Lower Upper
200 100
173 102.0 21.7 32.5#
215 98.0 43.1 64.7#



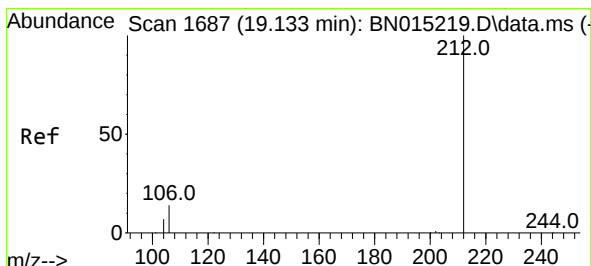
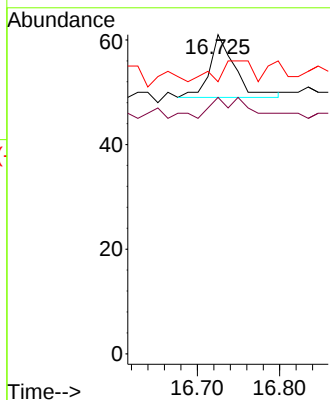
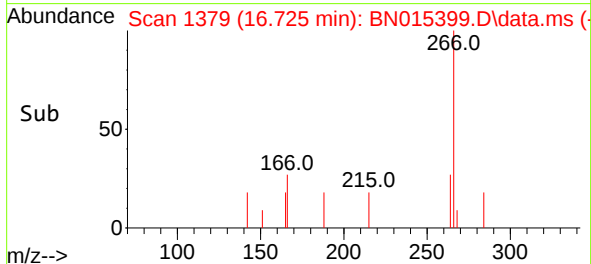


#24
 Pentachlorophenol
 Concen: 0.25 ng
 RT: 16.725 min Scan# 1379
 Delta R.T. -0.012 min
 Lab File: BN015399.D
 Acq: 08 Jul 2021 08:21

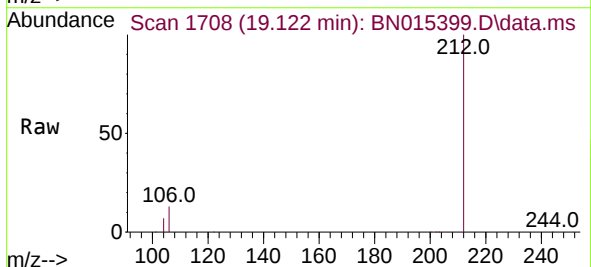
Instrument :
 BNA_N
 ClientSampled :



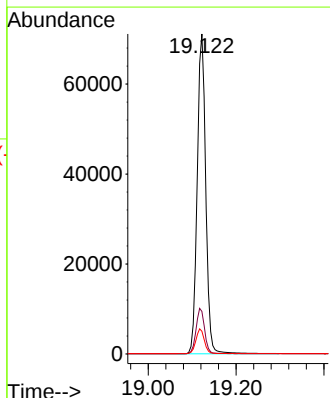
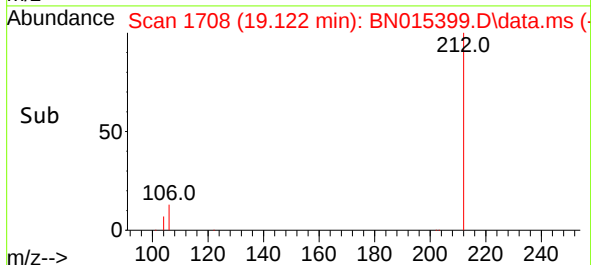
Tgt Ion:	266	Resp:	26
Ion Ratio	Lower	Upper	
266	100		
264	53.8	51.0	76.4
268	42.3	50.6	76.0#

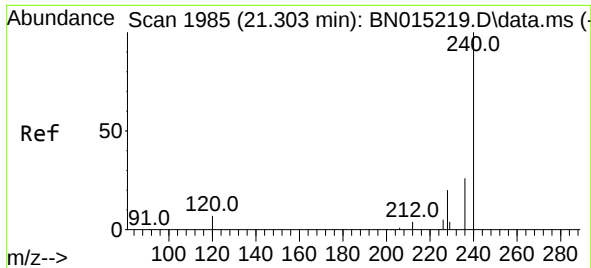


#27
 Fluoranthene-d10
 Concen: 0.46 ng
 RT: 19.122 min Scan# 1708
 Delta R.T. -0.000 min
 Lab File: BN015399.D
 Acq: 08 Jul 2021 08:21



Tgt Ion:	212	Resp:	95719
Ion Ratio	Lower	Upper	
212	100		
106	14.2	7.0	10.6#
104	7.7	4.1	6.1#

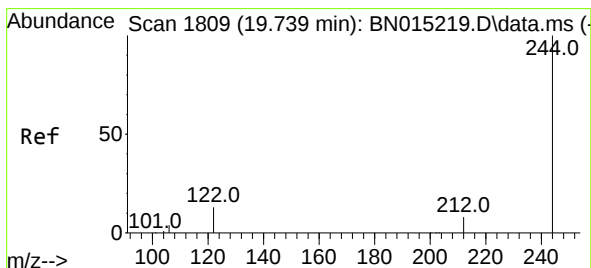
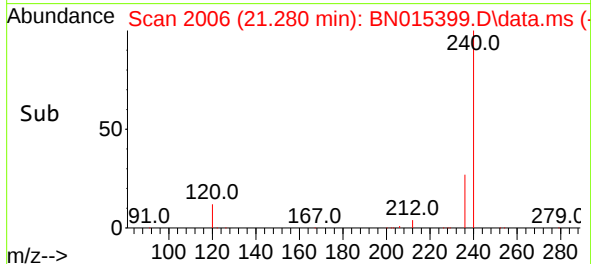
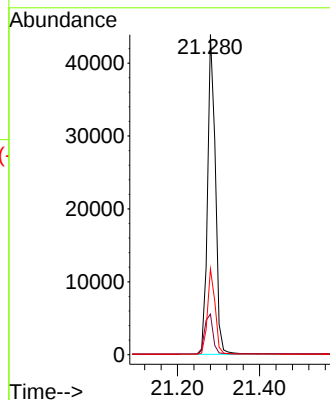
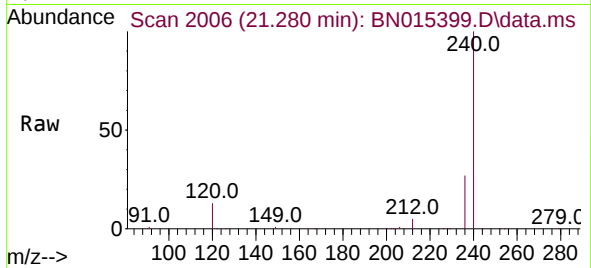




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.280 min Scan# 2006
Delta R.T. -0.011 min
Lab File: BN015399.D
Acq: 08 Jul 2021 08:21

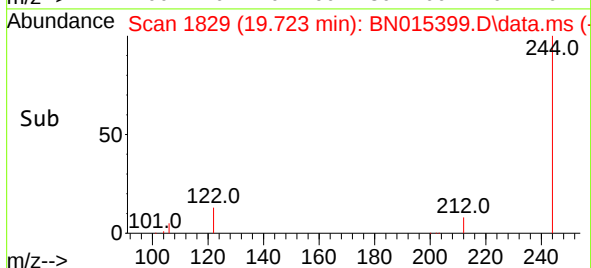
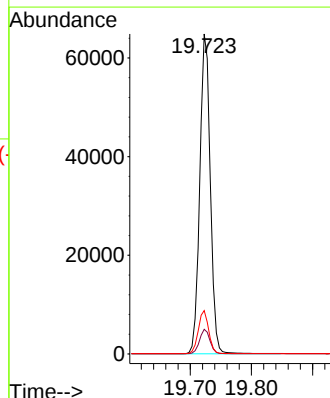
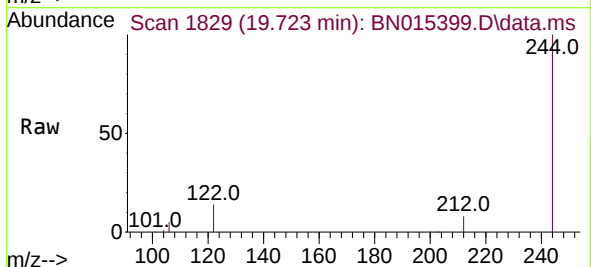
Instrument :
BNA_N
ClientSampled :

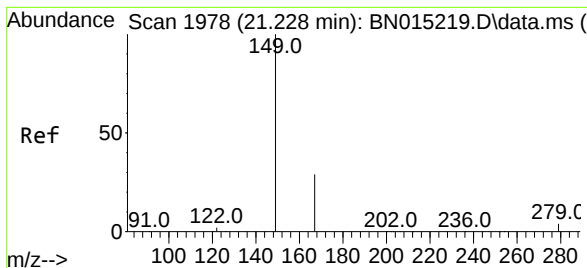
Tgt Ion:240 Resp: 58518
Ion Ratio Lower Upper
240 100
120 12.7 4.2 6.4#
236 26.8 21.4 32.2



#31
Terphenyl-d14
Concen: 0.56 ng
RT: 19.723 min Scan# 1829
Delta R.T. -0.005 min
Lab File: BN015399.D
Acq: 08 Jul 2021 08:21

Tgt Ion:244 Resp: 77079
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 13.5 6.2 9.2#

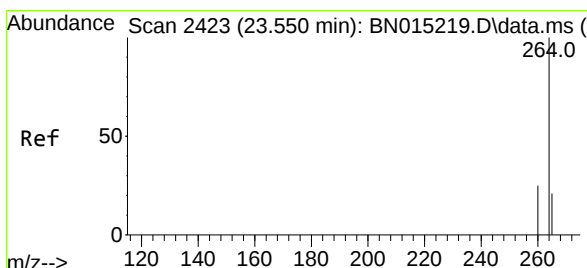
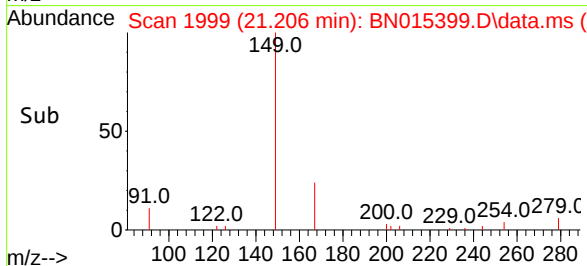
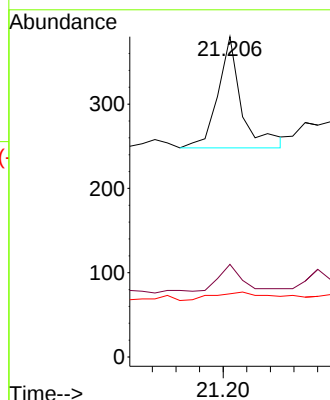
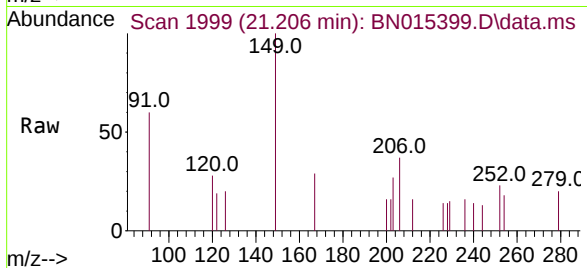




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.15 ng
RT: 21.206 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BN015399.D
Acq: 08 Jul 2021 08:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 184
Ion Ratio Lower Upper
149 100
167 29.9 28.9 43.3
279 16.8 4.9 7.3#



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.525 min Scan# 2439
Delta R.T. -0.004 min
Lab File: BN015399.D
Acq: 08 Jul 2021 08:21

Tgt Ion:264 Resp: 55954
Ion Ratio Lower Upper
264 100
260 25.1 20.6 31.0
265 23.6 21.4 32.2

