

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070721\
 Data File : BN015395.D
 Acq On : 08 Jul 2021 05:57
 Operator : CG/JU
 Sample : M2953-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 08 06:57:13 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)

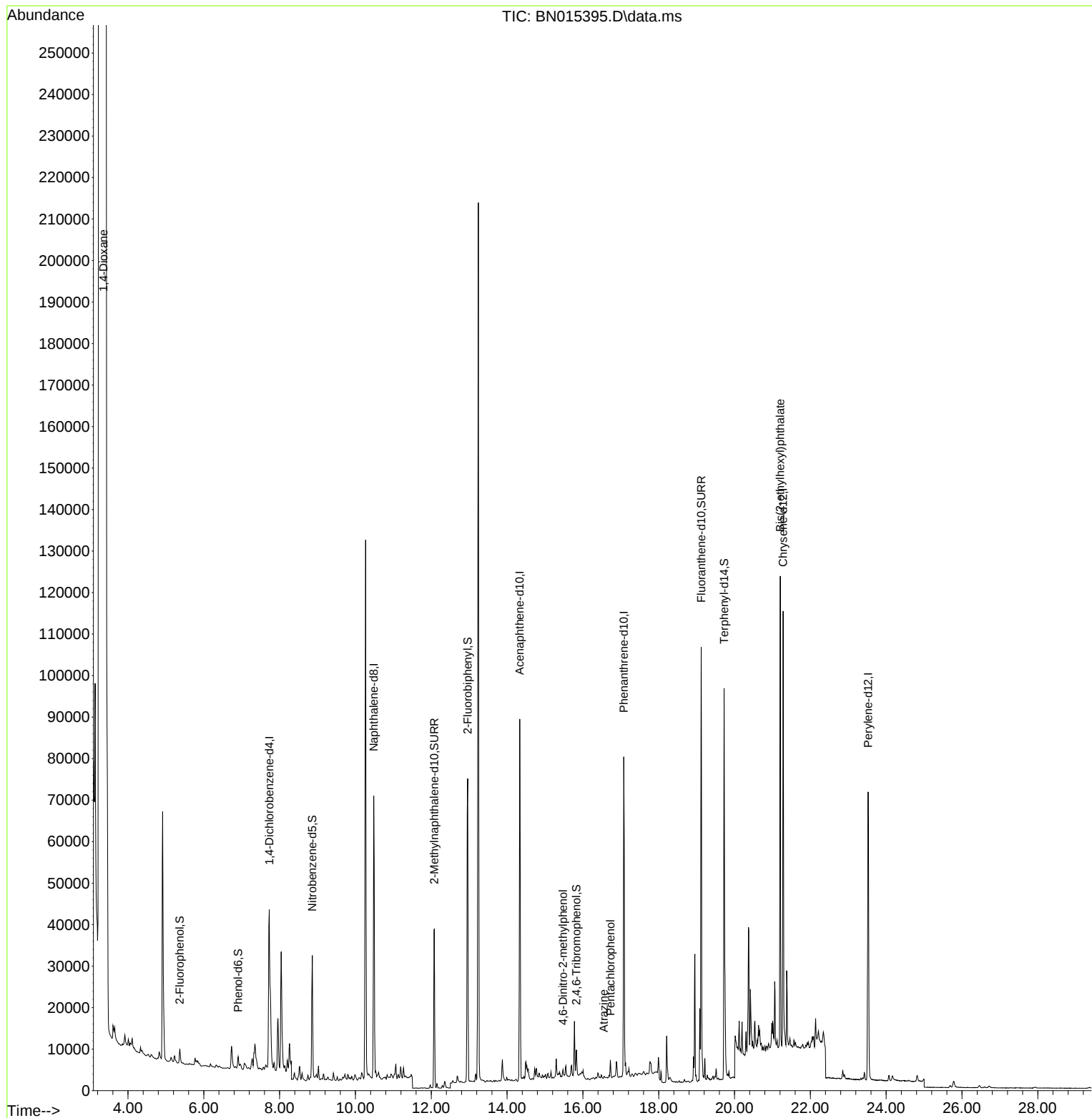
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	20215	0.40	ng	# 0.00
7) Naphthalene-d8	10.483	136	92616	0.40	ng	# 0.00
13) Acenaphthene-d10	14.332	164	52262	0.40	ng	0.00
19) Phenanthrene-d10	17.078	188	104897	0.40	ng	0.00
29) Chrysene-d12	21.280	240	94086	0.40	ng	#-0.01
35) Perylene-d12	23.525	264	92458	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.365	112	3606	0.07	ng	0.03
5) Phenol-d6	6.905	99	2452	0.04	ng	0.00
8) Nitrobenzene-d5	8.860	82	24900	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	12.078	152	51553	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	4347	0.41	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	69412	0.33	ng	0.00
27) Fluoranthene-d10	19.122	212	112352	0.36	ng	0.00
31) Terphenyl-d14	19.723	244	87783	0.40	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.355	88	544291	57.43	ng	# 66
20) 4,6-Dinitro-2-methylph...	15.474	198	24	0.20	ng	# 1
23) Atrazine	16.555	200	72	0.17	ng	# 1
24) Pentachlorophenol	16.725	266	2882	0.47	ng	# 35
34) Bis(2-ethylhexyl)phtha...	21.206	149	94657	0.92	ng	# 87

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

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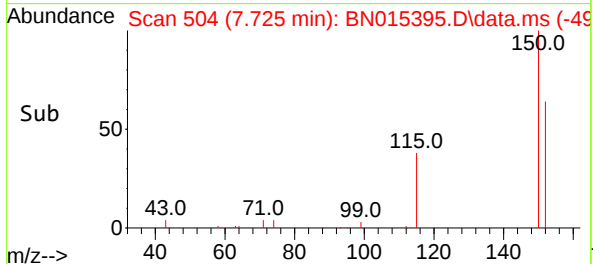
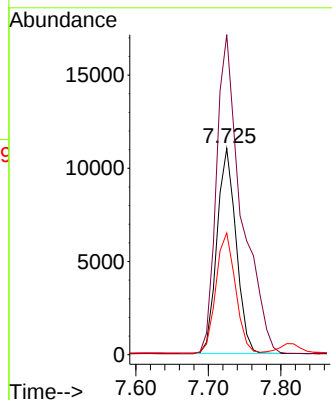
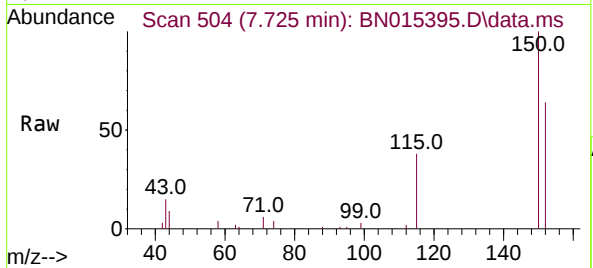




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.725 min Scan# 504
 Delta R.T. 0.000 min
 Lab File: BN015395.D
 Acq: 08 Jul 2021 05:57

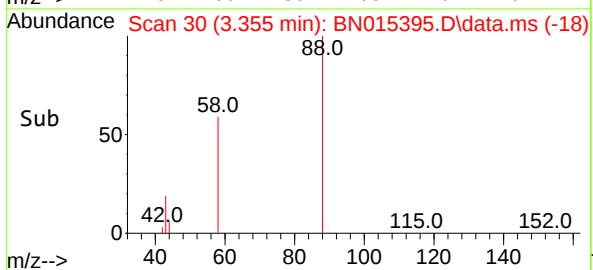
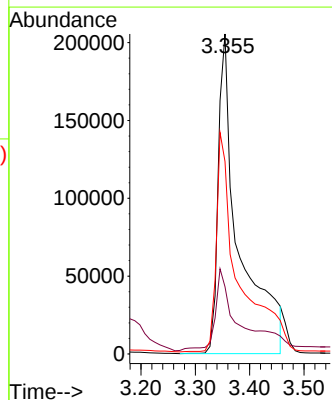
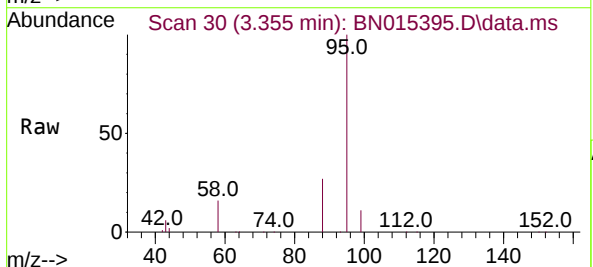
Instrument :
 BNA_N
 ClientSampled :

Tgt Ion:152 Resp: 20215
 Ion Ratio Lower Upper
 152 100
 150 155.2 119.0 178.6
 115 59.1 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 57.43 ng
 RT: 3.355 min Scan# 30
 Delta R.T. 0.009 min
 Lab File: BN015395.D
 Acq: 08 Jul 2021 05:57

Tgt Ion: 88 Resp: 544291
 Ion Ratio Lower Upper
 88 100
 43 29.0 12.9 19.3#
 58 71.2 38.1 57.1#

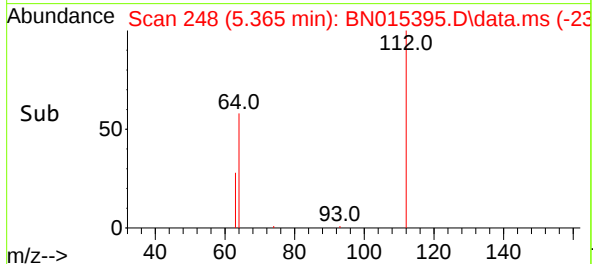
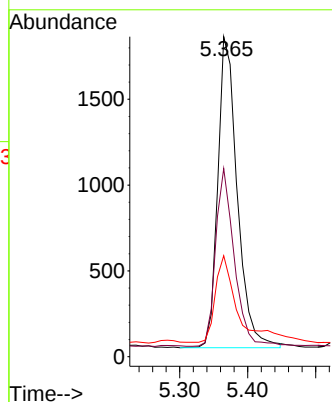
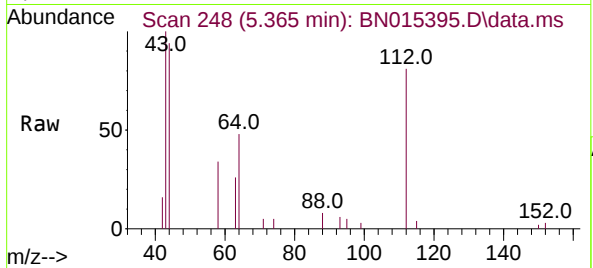




#4
2-Fluorophenol
Concen: 0.07 ng
RT: 5.365 min Scan# 248
Delta R.T. 0.028 min
Lab File: BN015395.D
Acq: 08 Jul 2021 05:57

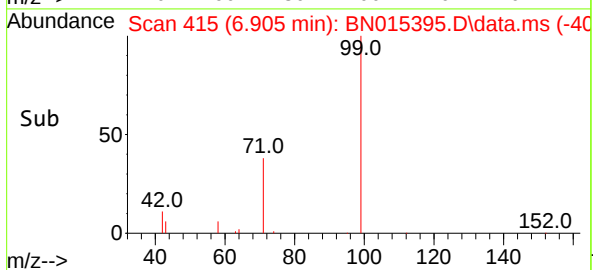
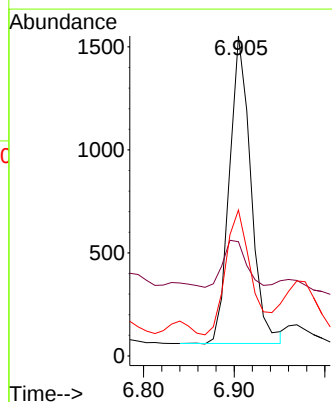
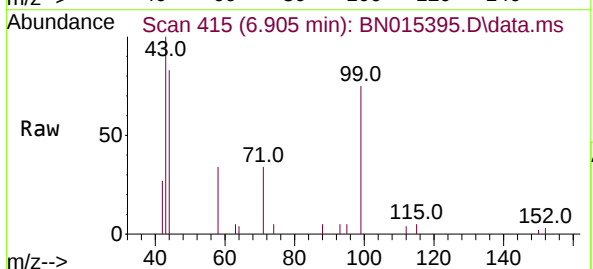
Instrument :
BNA_N
ClientSampled :

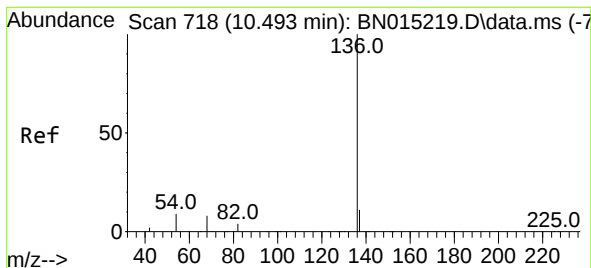
Tgt Ion:112 Resp: 3606
Ion Ratio Lower Upper
112 100
64 54.3 39.0 58.6
63 31.0 20.6 30.8#



#5
Phenol-d6
Concen: 0.04 ng
RT: 6.905 min Scan# 415
Delta R.T. 0.009 min
Lab File: BN015395.D
Acq: 08 Jul 2021 05:57

Tgt Ion: 99 Resp: 2452
Ion Ratio Lower Upper
99 100
42 16.2 8.9 13.3#
71 49.0 35.6 53.4





#7

Naphthalene-d8

Concen: 0.40 ng

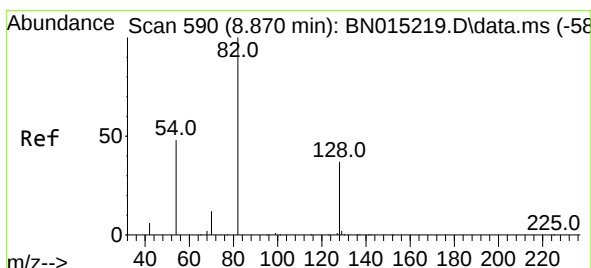
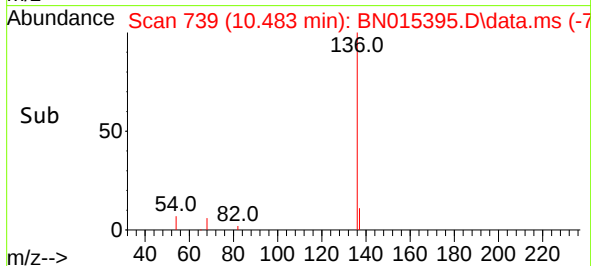
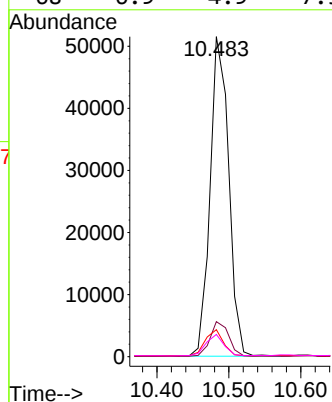
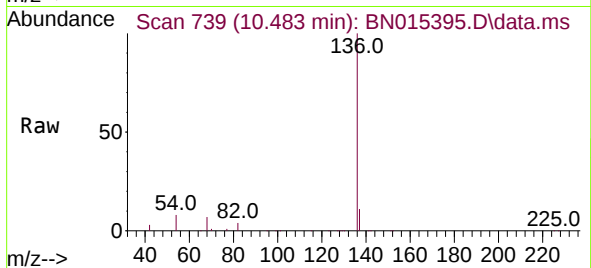
RT: 10.483 min Scan# 739

Delta R.T. -0.000 min

Lab File: BN015395.D

Acq: 08 Jul 2021 05:57

Tgt Ion:	136	Resp:	92616
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.8
54	8.5	5.4	8.2#
68	6.9	4.9	7.3



#8

Nitrobenzene-d5

Concen: 0.48 ng

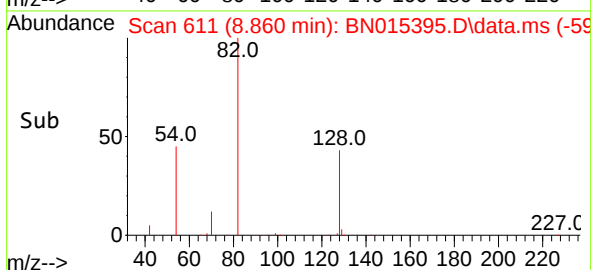
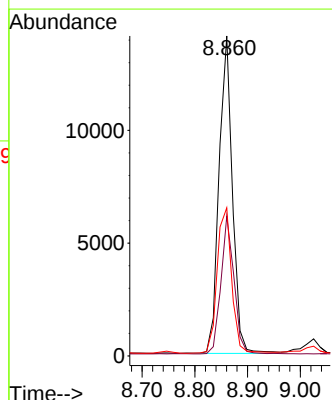
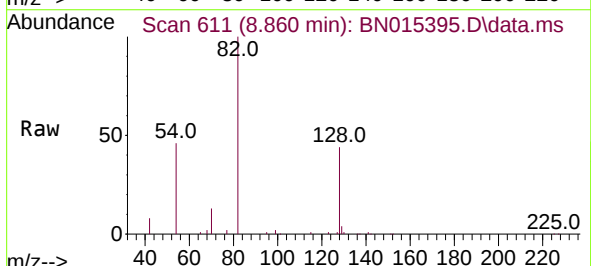
RT: 8.860 min Scan# 611

Delta R.T. -0.000 min

Lab File: BN015395.D

Acq: 08 Jul 2021 05:57

Tgt Ion:	82	Resp:	24900
Ion	Ratio	Lower	Upper
82	100		
128	43.7	31.6	47.4
54	46.3	29.0	43.4#

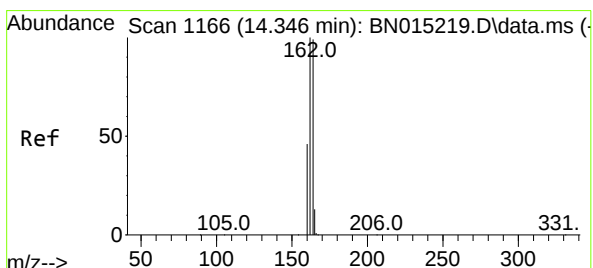
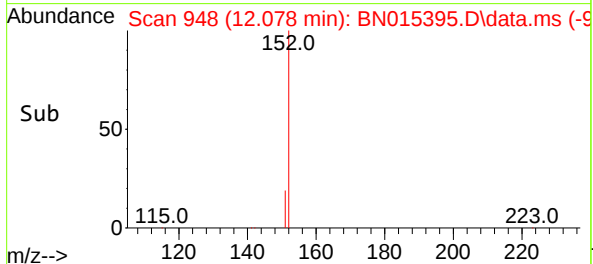
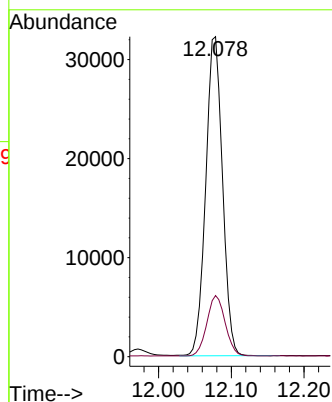
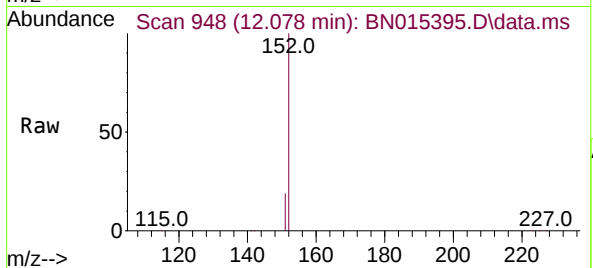




#11
2-Methylnaphthalene-d10
Concen: 0.34 ng
RT: 12.078 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN015395.D
Acq: 08 Jul 2021 05:57

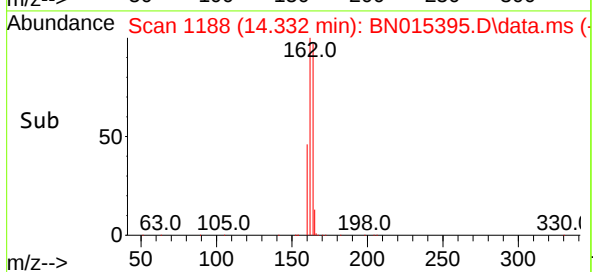
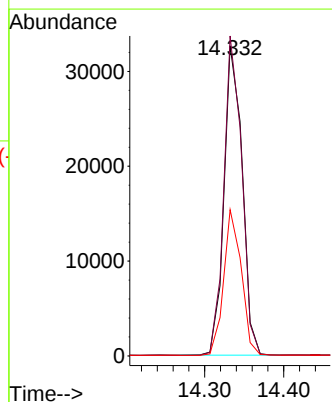
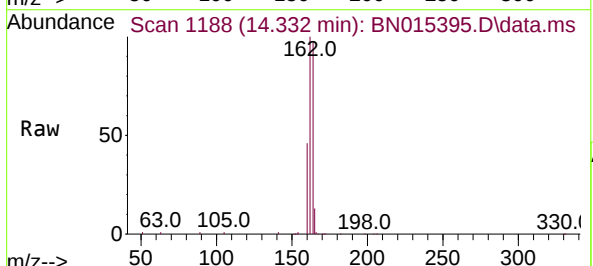
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 51553
Ion Ratio Lower Upper
152 100
151 20.7 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: BN015395.D
Acq: 08 Jul 2021 05:57

Tgt Ion:164 Resp: 52262
Ion Ratio Lower Upper
164 100
162 103.2 83.8 125.6
160 47.1 37.4 56.0

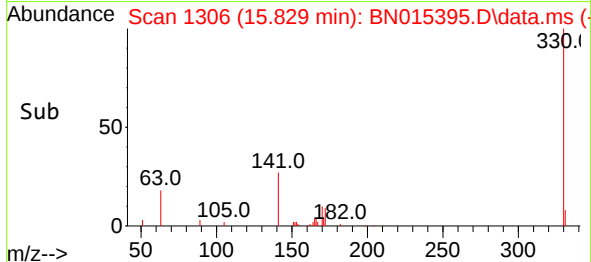
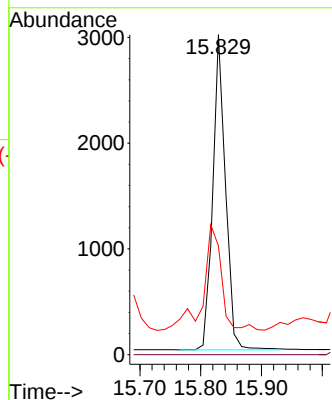
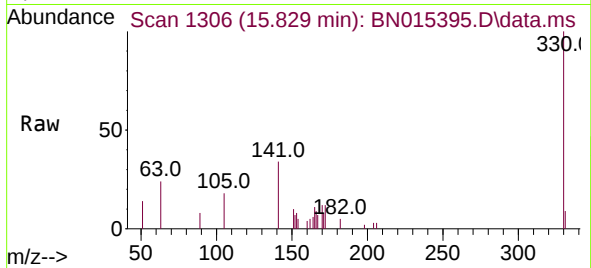




#14
2,4,6-Tribromophenol
Concen: 0.41 ng
RT: 15.829 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BN015395.D
Acq: 08 Jul 2021 05:57

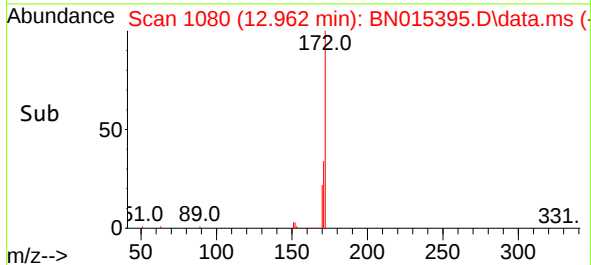
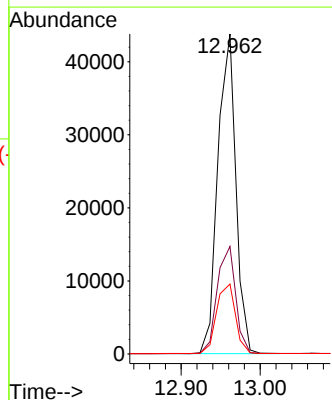
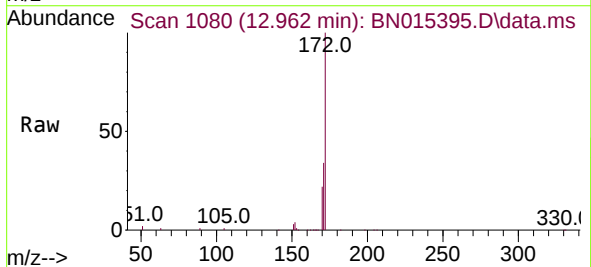
Instrument :
BNA_N
ClientSampled :

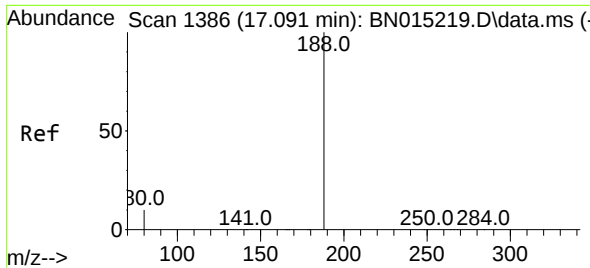
Tgt Ion: 330 Resp: 4347
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 46.4 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.000 min
Lab File: BN015395.D
Acq: 08 Jul 2021 05:57

Tgt Ion: 172 Resp: 69412
Ion Ratio Lower Upper
172 100
171 33.6 30.6 45.8
170 21.8 20.2 30.4

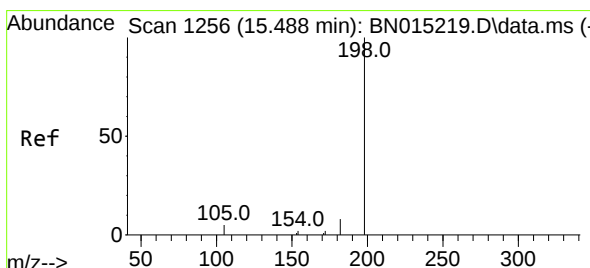
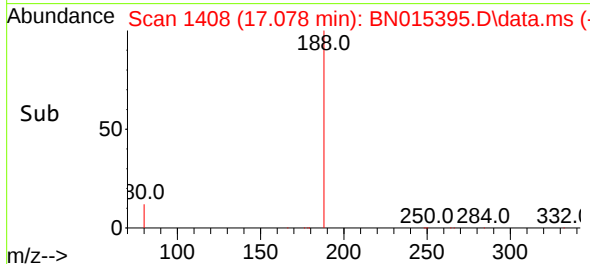
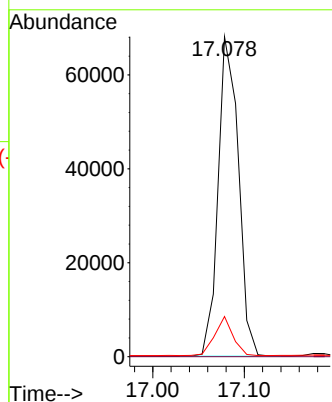
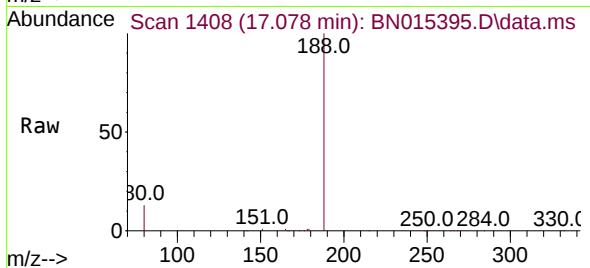




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.078 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BN015395.D
Acq: 08 Jul 2021 05:57

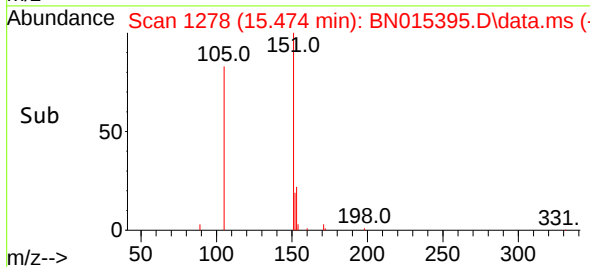
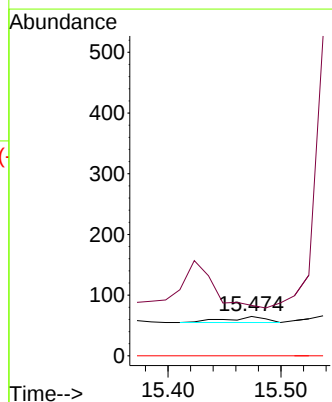
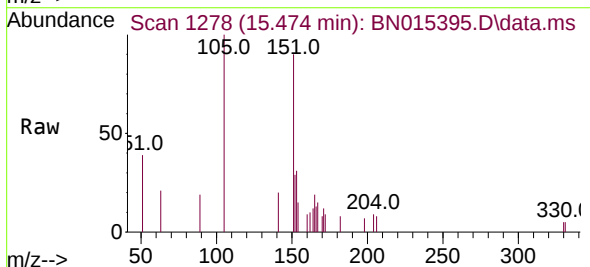
Instrument :
BNA_N
ClientSampleId :

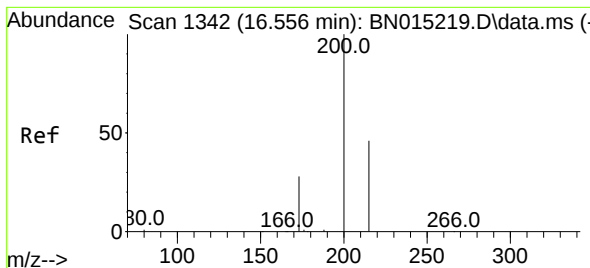
Tgt Ion:188 Resp: 104897
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.6 9.0 13.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.20 ng
RT: 15.474 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BN015395.D
Acq: 08 Jul 2021 05:57

Tgt Ion:198 Resp: 24
Ion Ratio Lower Upper
198 100
182 127.7 34.5 51.7#
77 0.0 0.0 0.0





#23

Atrazine

Concen: 0.17 ng

RT: 16.555 min Scan# 1365

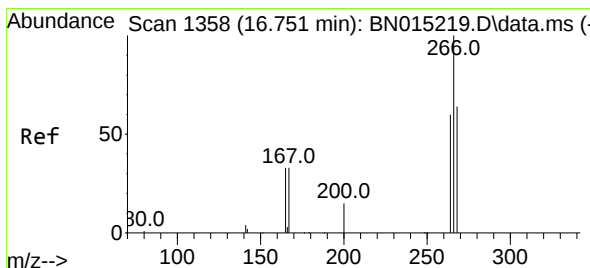
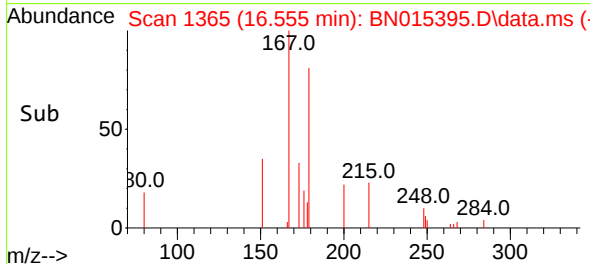
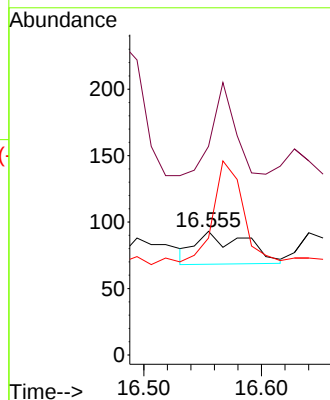
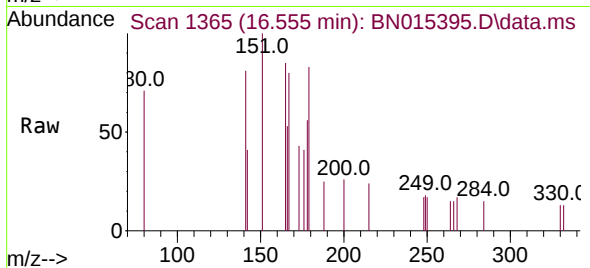
Delta R.T. 0.012 min

Lab File: BN015395.D

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Tgt Ion:	200	Resp:	72
Ion Ratio	Lower	Upper	
200	100		
173	168.8	21.7	32.5#
215	94.6	43.1	64.7#

Instrument :
BNA_N
ClientSampleId :



#24

Pentachlorophenol

Concen: 0.47 ng

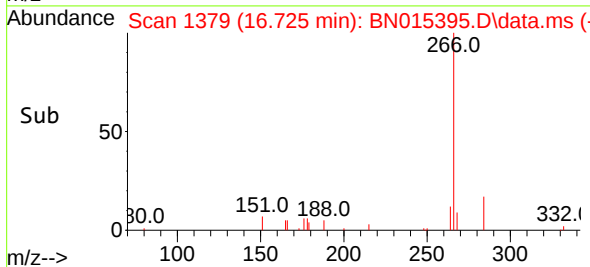
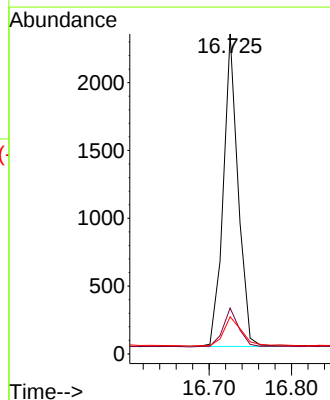
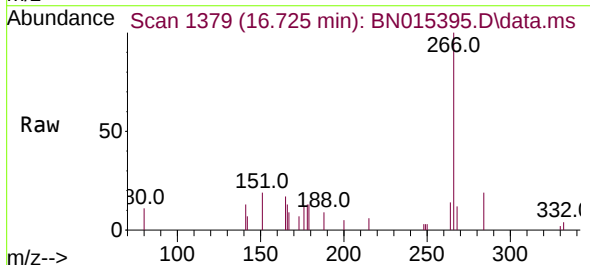
RT: 16.725 min Scan# 1379

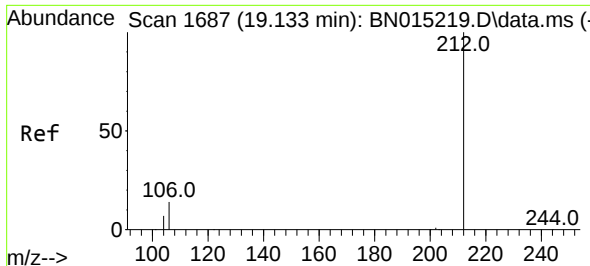
Delta R.T. -0.012 min

Lab File: BN015395.D

Acq: 08 Jul 2021 05:57

Tgt Ion:	266	Resp:	2882
Ion Ratio	Lower	Upper	
266	100		
264	13.7	51.0	76.4#
268	12.0	50.6	76.0#

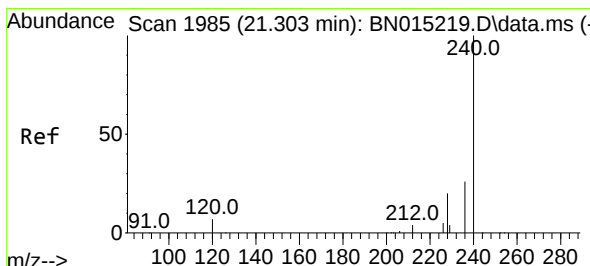
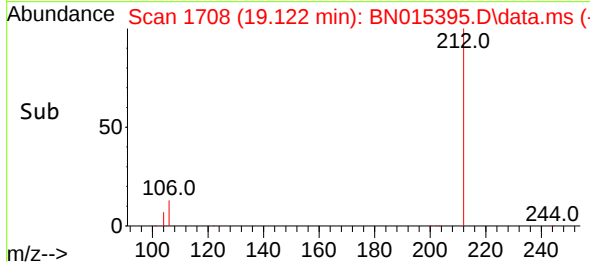
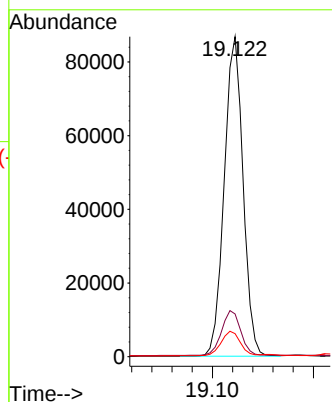
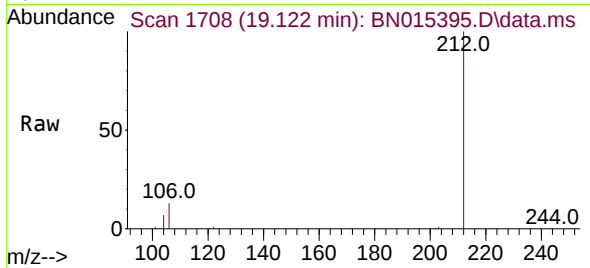




#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 19.122 min Scan# 1708
Delta R.T. -0.000 min
Lab File: BN015395.D
Acq: 08 Jul 2021 05:57

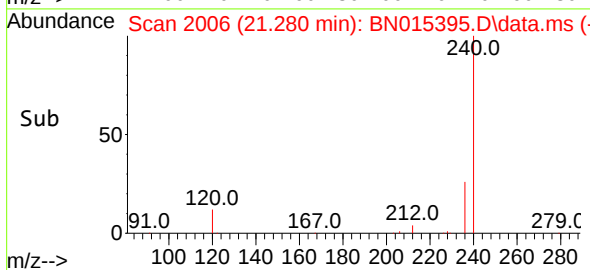
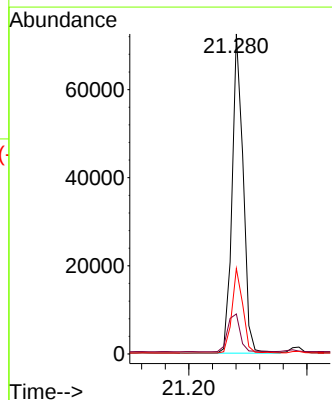
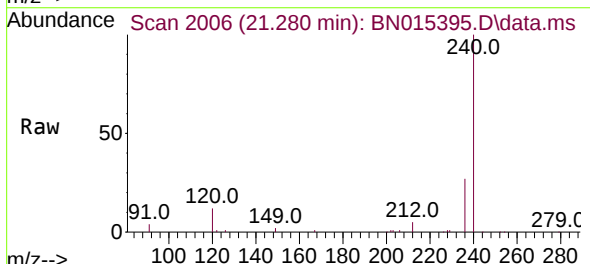
Instrument :
BNA_N
ClientSampleId :

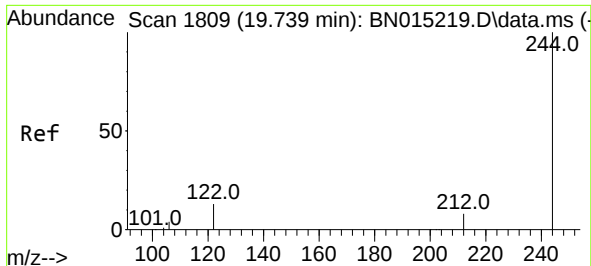
Tgt Ion:212 Resp: 112352
Ion Ratio Lower Upper
212 100
106 14.6 7.0 10.6#
104 8.0 4.1 6.1#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.280 min Scan# 2006
Delta R.T. -0.011 min
Lab File: BN015395.D
Acq: 08 Jul 2021 05:57

Tgt Ion:240 Resp: 94086
Ion Ratio Lower Upper
240 100
120 12.5 4.2 6.4#
236 26.7 21.4 32.2

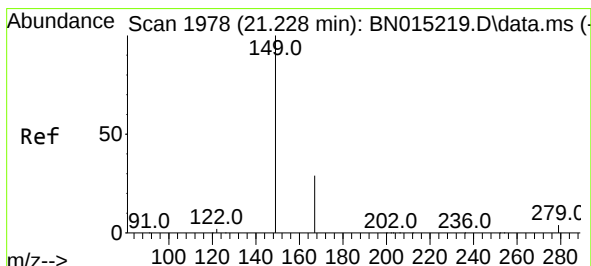
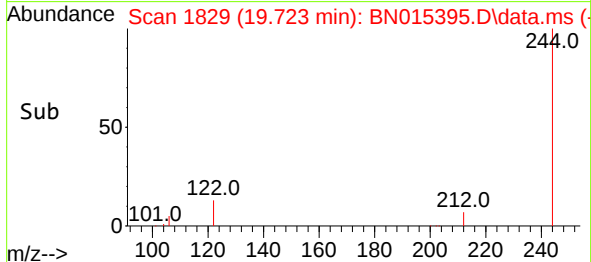
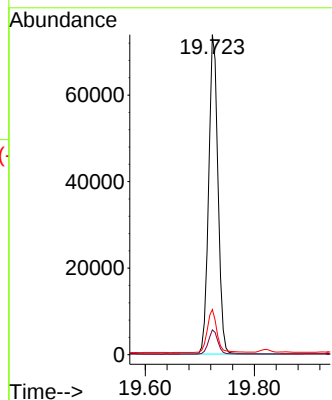
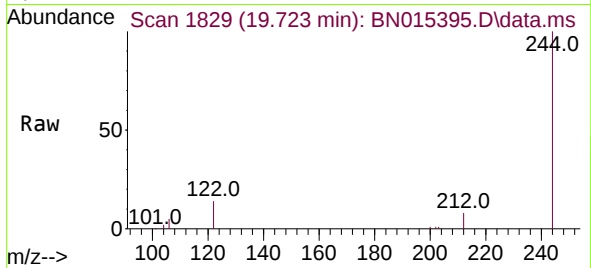




#31
Terphenyl-d14
Concen: 0.40 ng
RT: 19.723 min Scan# 1829
Delta R.T. -0.005 min
Lab File: BN015395.D
Acq: 08 Jul 2021 05:57

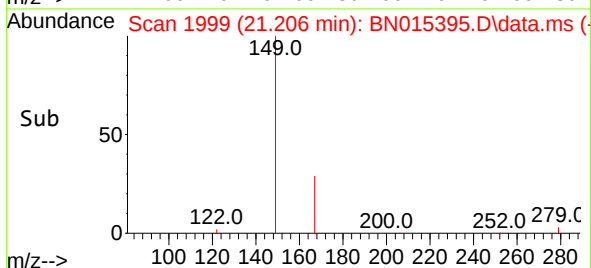
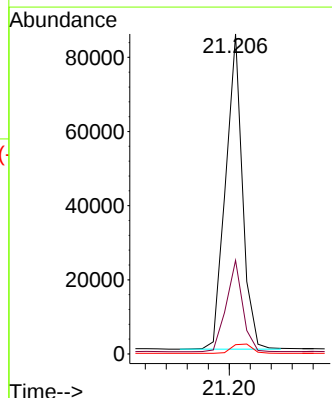
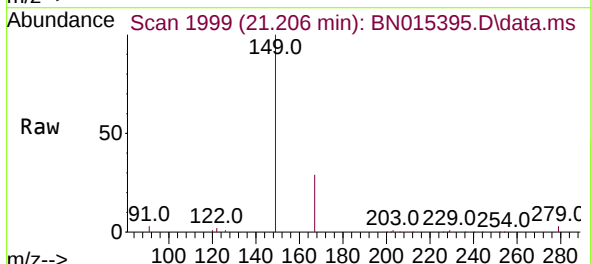
Instrument :
BNA_N
ClientSampleId :

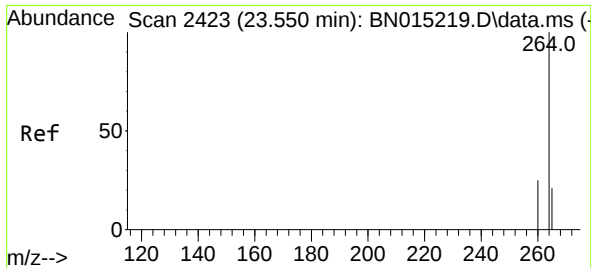
Tgt Ion:244 Resp: 87783
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 14.1 6.2 9.2#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.92 ng
RT: 21.206 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BN015395.D
Acq: 08 Jul 2021 05:57

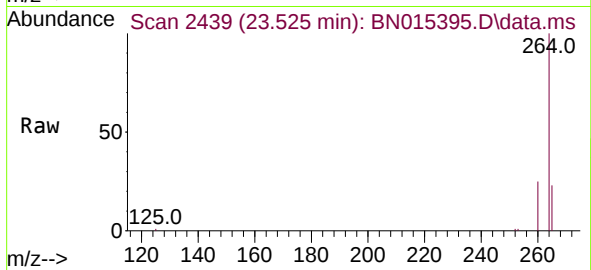
Tgt Ion:149 Resp: 94657
Ion Ratio Lower Upper
149 100
167 28.2 28.9 43.3#
279 3.7 4.9 7.3#





#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.525 min Scan# 2439
 Delta R.T. -0.003 min
 Lab File: BN015395.D
 Acq: 08 Jul 2021 05:57

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:	264	Resp:	92458
Ion Ratio	Lower	Upper	
264	100		
260	24.9	20.6	31.0
265	23.2	21.4	32.2

