

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070721\
 Data File : BN015386.D
 Acq On : 08 Jul 2021 00:31
 Operator : CG/JU
 Sample : PB137492BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 08 06:44:54 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)

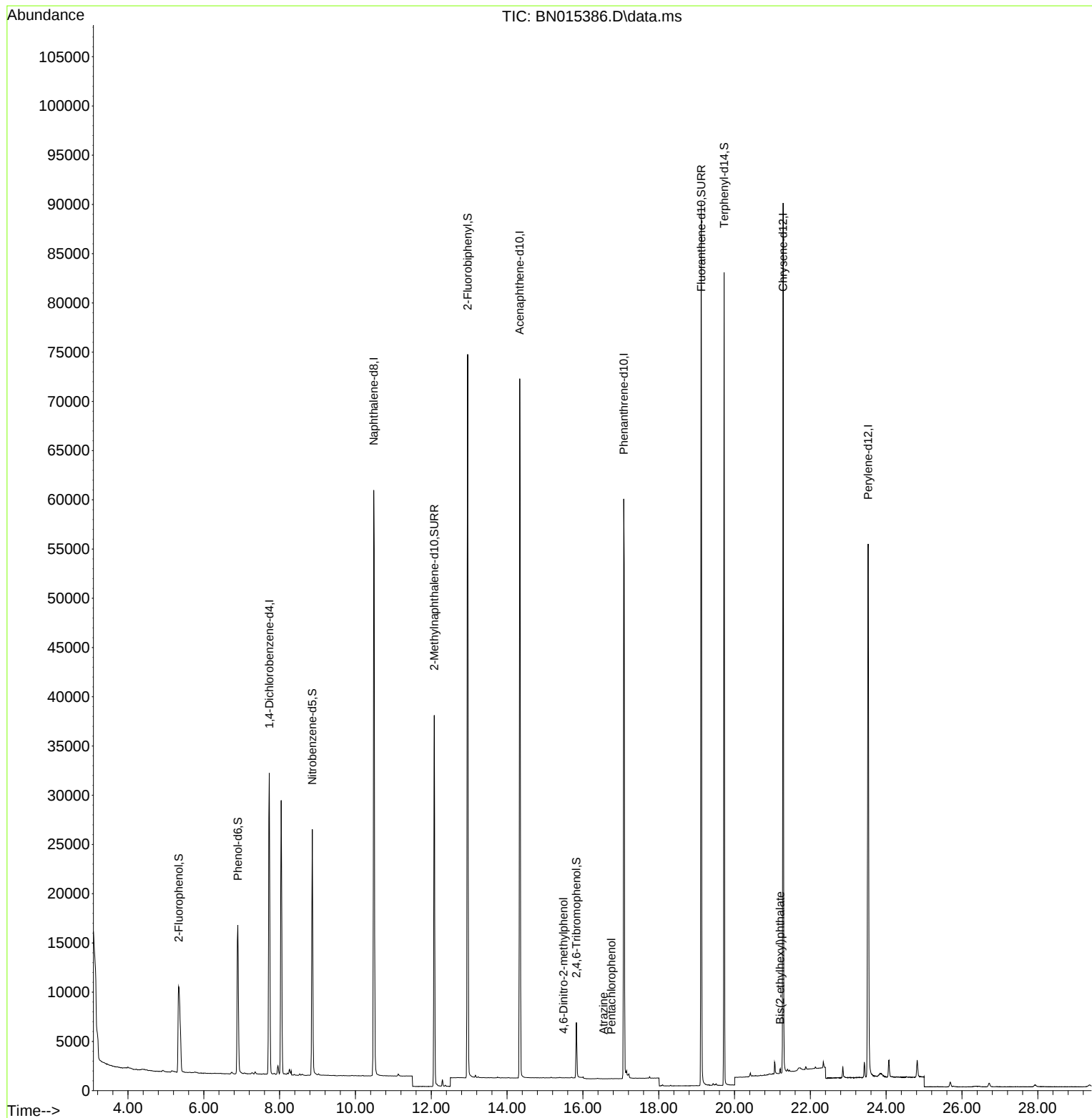
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	19742	0.40	ng	# 0.00
7) Naphthalene-d8	10.483	136	87879	0.40	ng	# 0.00
13) Acenaphthene-d10	14.332	164	45046	0.40	ng	0.00
19) Phenanthrene-d10	17.078	188	87804	0.40	ng	# 0.00
29) Chrysene-d12	21.280	240	77521	0.40	ng	#-0.01
35) Perylene-d12	23.525	264	74149	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.337	112	17494	0.35	ng	0.00
5) Phenol-d6	6.895	99	20652	0.33	ng	0.00
8) Nitrobenzene-d5	8.860	82	21790	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.078	152	51214	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	4311	0.44	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	67805	0.37	ng	0.00
27) Fluoranthene-d10	19.122	212	97888	0.38	ng	0.00
31) Terphenyl-d14	19.723	244	78947	0.44	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.487	198	7	0.20	ng	# 14
23) Atrazine	16.543	200	4	0.17	ng	# 10
24) Pentachlorophenol	16.750	266	17	0.24	ng	# 40
34) Bis(2-ethylhexyl)phtha...	21.206	149	508	0.15	ng	97

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

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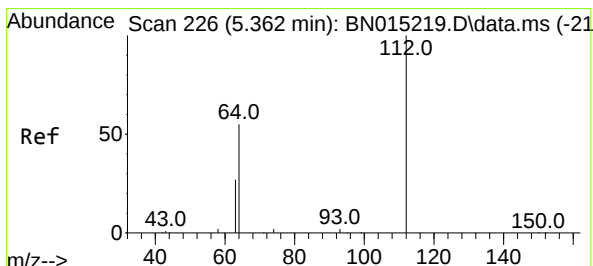
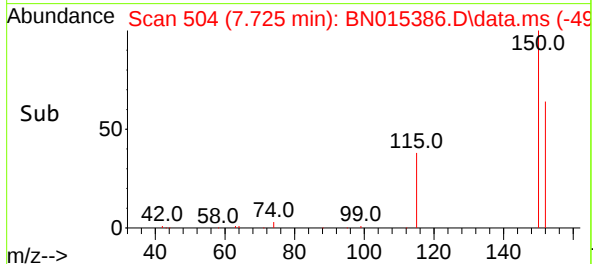
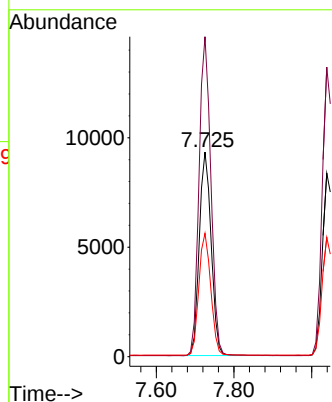
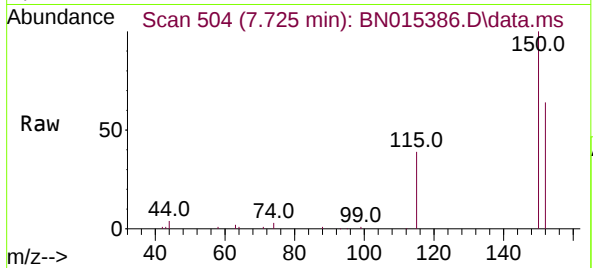




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.725 min Scan# 504
Delta R.T. 0.000 min
Lab File: BN015386.D
Acq: 08 Jul 2021 00:31

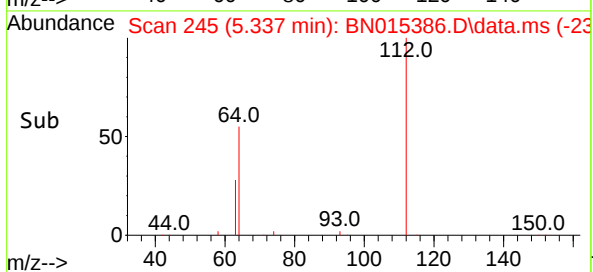
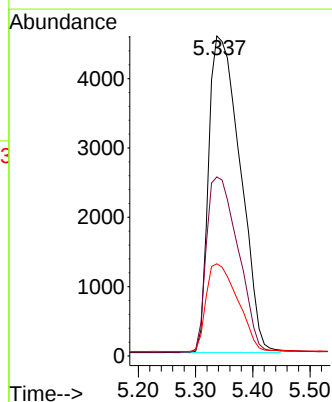
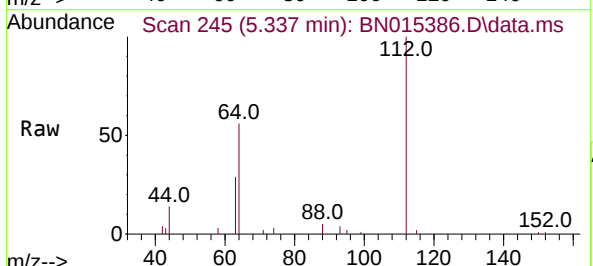
Instrument :
BNA_N
ClientSampled :

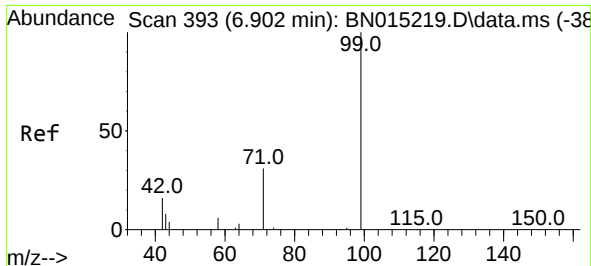
Tgt Ion:152 Resp: 19742
Ion Ratio Lower Upper
152 100
150 156.3 119.0 178.6
115 60.2 62.2 93.4#



#4
2-Fluorophenol
Concen: 0.35 ng
RT: 5.337 min Scan# 245
Delta R.T. -0.000 min
Lab File: BN015386.D
Acq: 08 Jul 2021 00:31

Tgt Ion:112 Resp: 17494
Ion Ratio Lower Upper
112 100
64 55.5 39.0 58.6
63 27.6 20.6 30.8

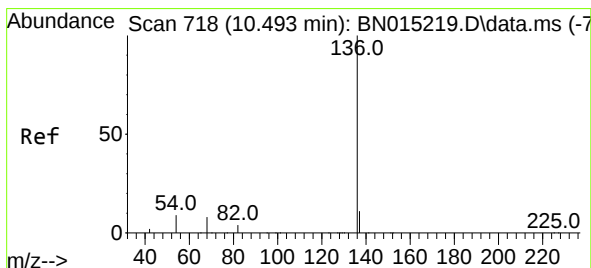
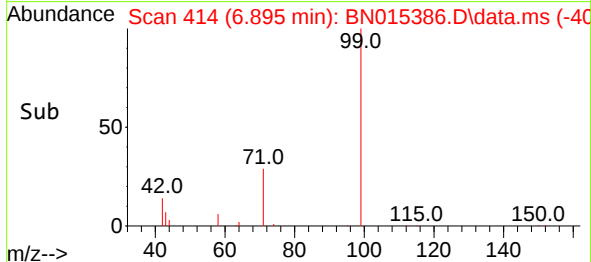
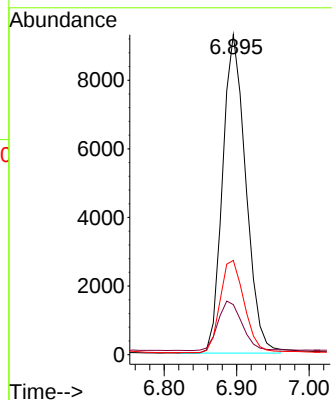
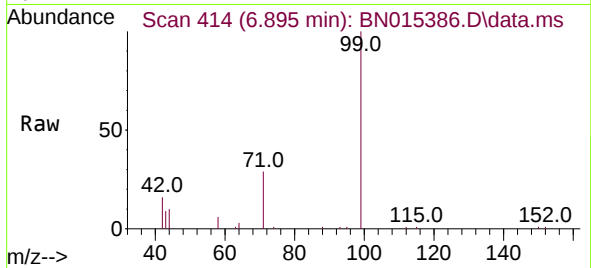




#5
Phenol-d6
Concen: 0.33 ng
RT: 6.895 min Scan# 414
Delta R.T. -0.000 min
Lab File: BN015386.D
Acq: 08 Jul 2021 00:31

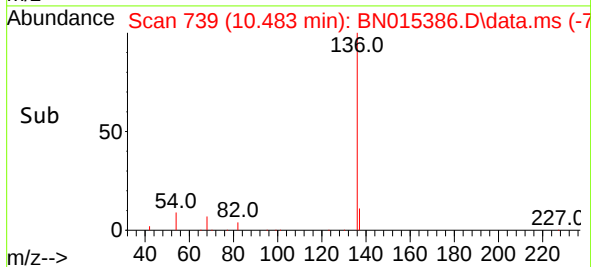
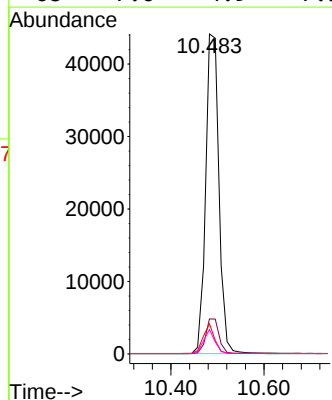
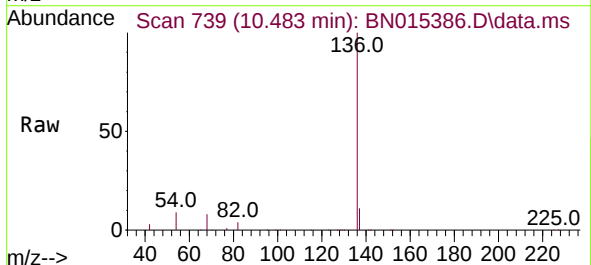
Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 20652
Ion Ratio Lower Upper
99 100
42 16.0 8.9 13.3#
71 30.2 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: BN015386.D
Acq: 08 Jul 2021 00:31

Tgt Ion: 136 Resp: 87879
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.8
54 9.4 5.4 8.2#
68 7.6 4.9 7.3#

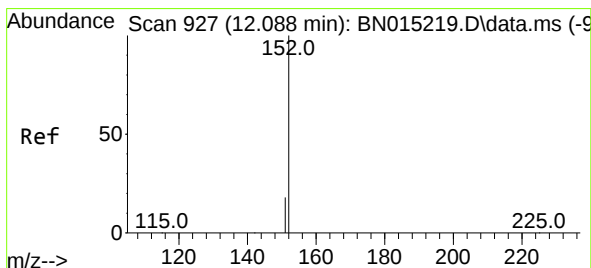
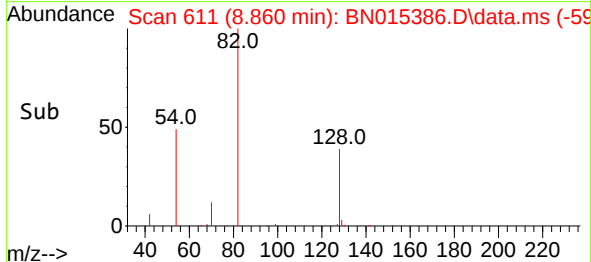
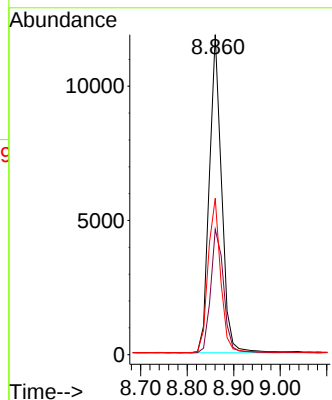
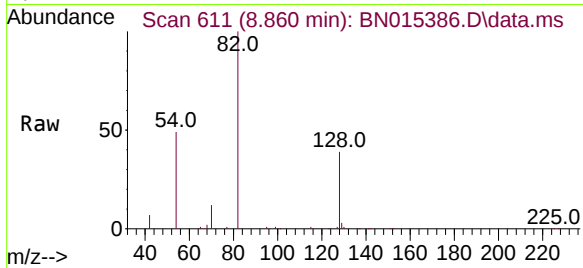




#8
Nitrobenzene-d5
Concen: 0.44 ng
RT: 8.860 min Scan# 611
Delta R.T. -0.000 min
Lab File: BN015386.D
Acq: 08 Jul 2021 00:31

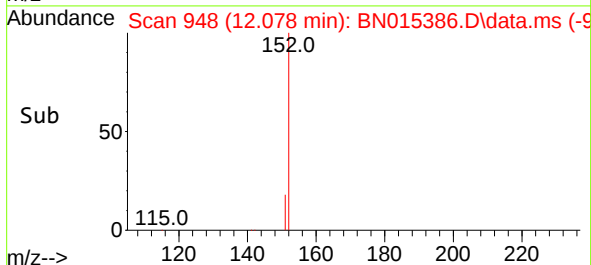
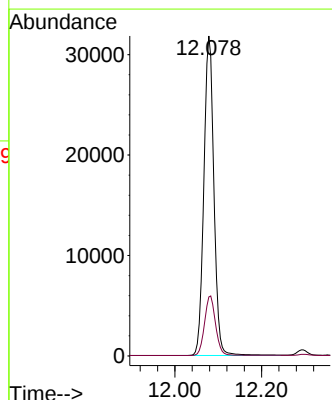
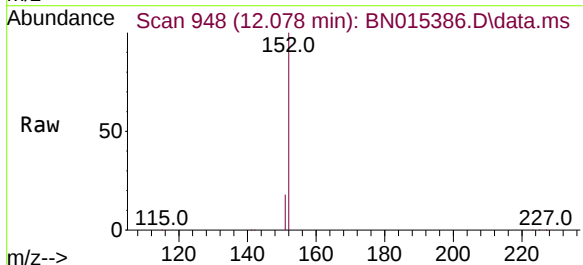
Instrument :
BNA_N
ClientSampleId :

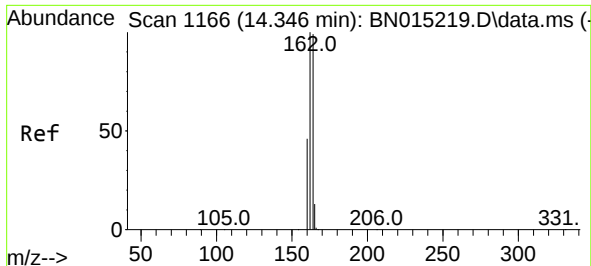
Tgt Ion: 82 Resp: 21790
Ion Ratio Lower Upper
82 100
128 39.2 31.6 47.4
54 48.8 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.35 ng
RT: 12.078 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN015386.D
Acq: 08 Jul 2021 00:31

Tgt Ion: 152 Resp: 51214
Ion Ratio Lower Upper
152 100
151 20.4 16.7 25.1

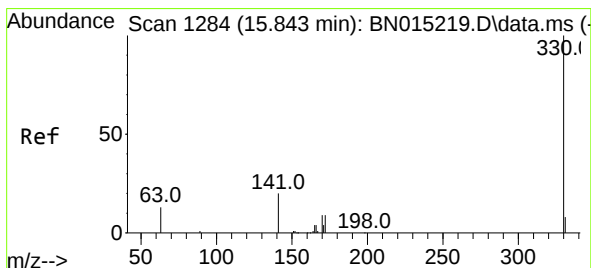
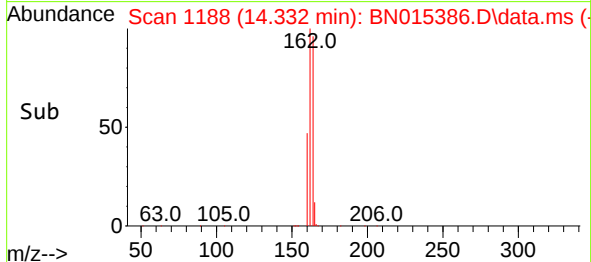
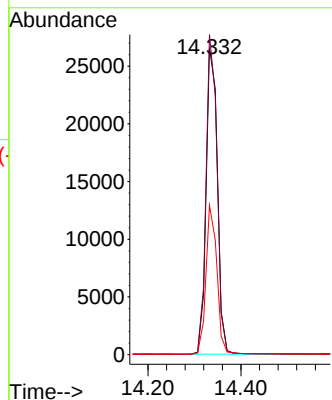
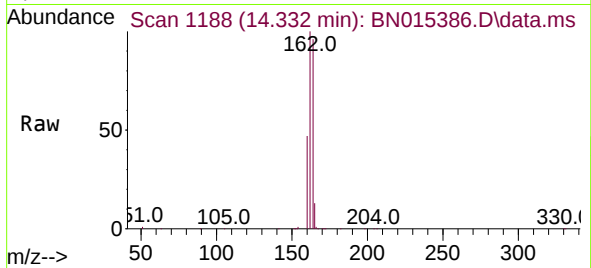




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.332 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BN015386.D
Acq: 08 Jul 2021 00:31

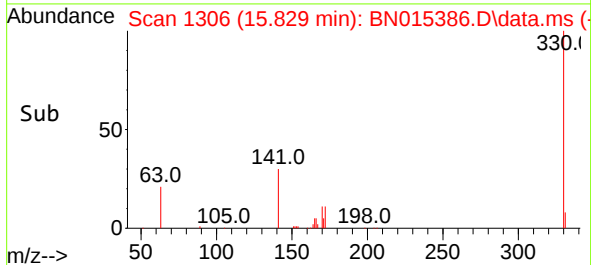
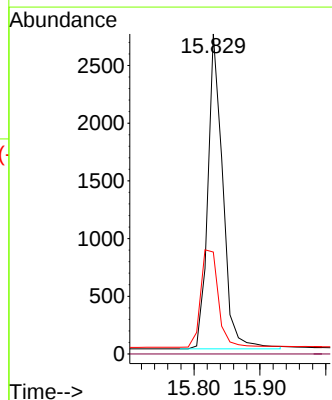
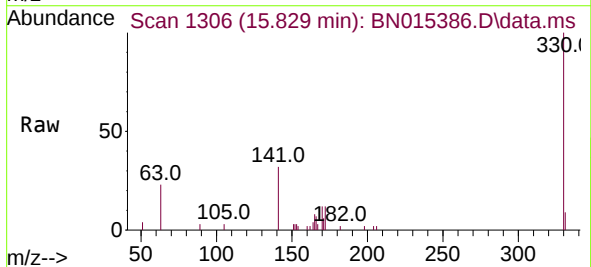
Instrument :
BNA_N
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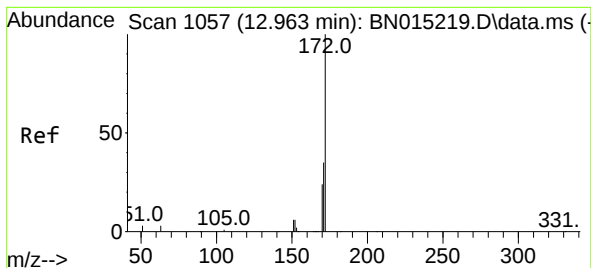
Tgt Ion:164 Resp: 45046
Ion Ratio Lower Upper
164 100
162 104.2 83.8 125.6
160 48.6 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.44 ng
RT: 15.829 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BN015386.D
Acq: 08 Jul 2021 00:31

Tgt Ion:330 Resp: 4311
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.8 22.4 33.6#

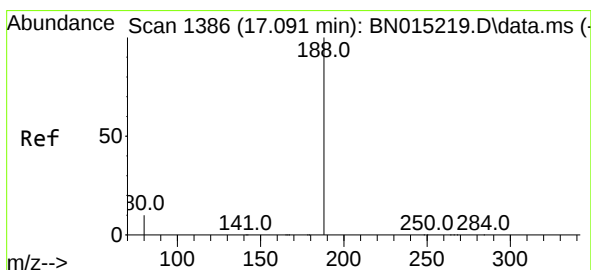
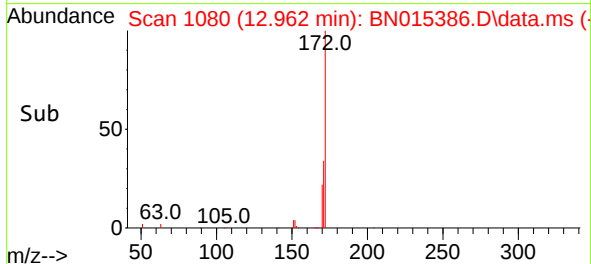
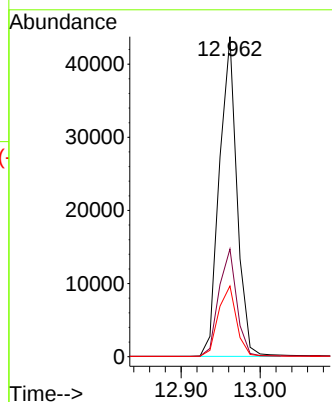
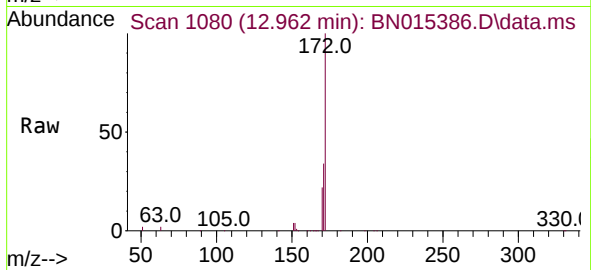




#15
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.000 min
Lab File: BN015386.D
Acq: 08 Jul 2021 00:31

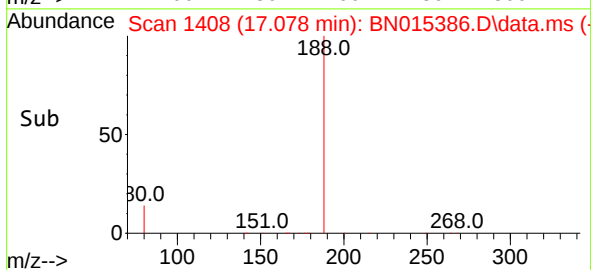
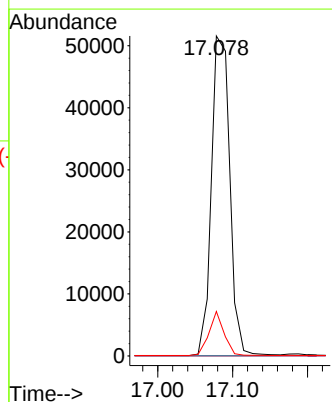
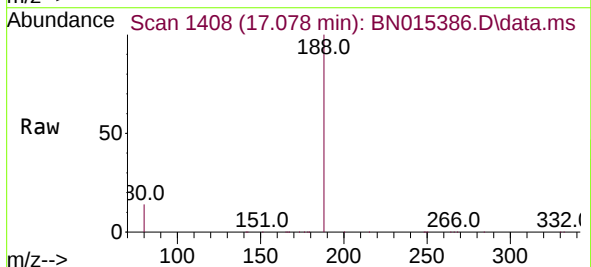
Instrument :
BNA_N
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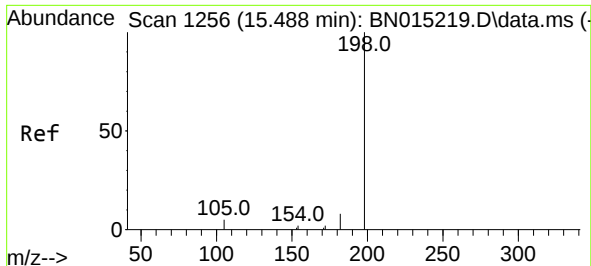
Tgt Ion:172 Resp: 67805
Ion Ratio Lower Upper
172 100
171 33.7 30.6 45.8
170 22.1 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.078 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BN015386.D
Acq: 08 Jul 2021 00:31

Tgt Ion:188 Resp: 87804
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 9.0 13.4#

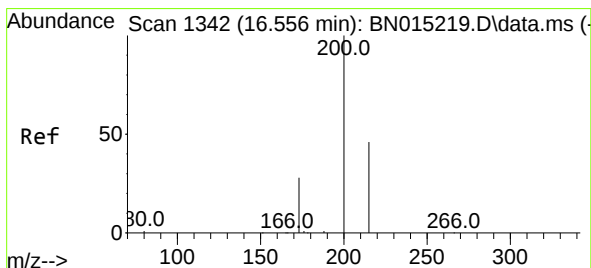
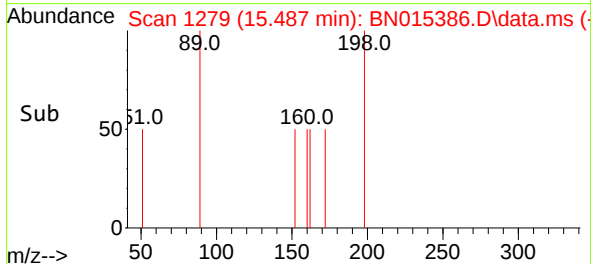
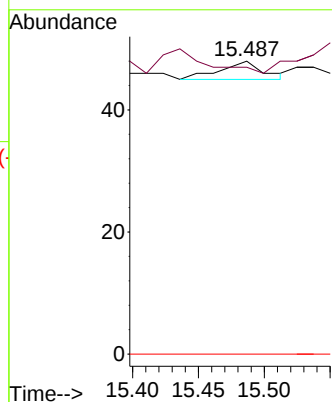
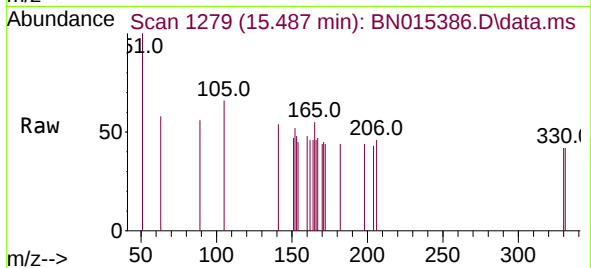




#20
4,6-Dinitro-2-methylphenol
Concen: 0.20 ng
RT: 15.487 min Scan# 1279
Delta R.T. 0.013 min
Lab File: BN015386.D
Acq: 08 Jul 2021 00:31

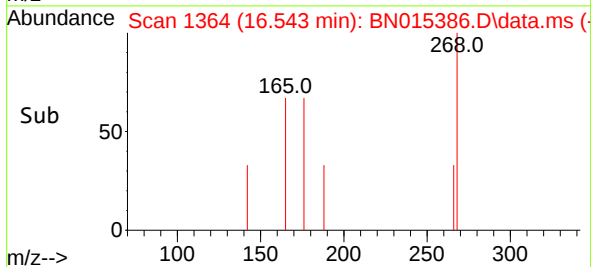
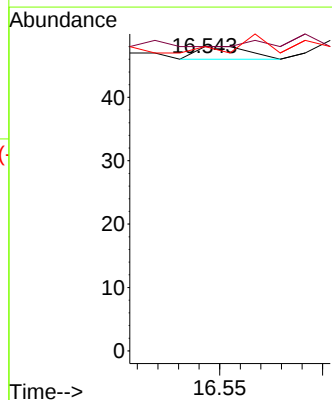
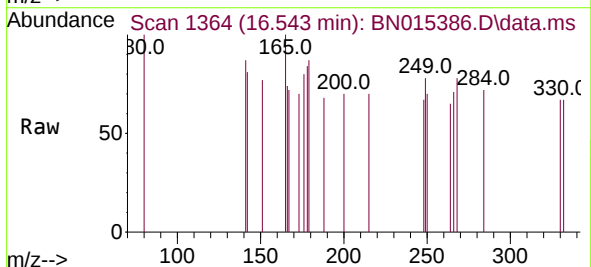
Instrument :
BNA_N
ClientSampled :

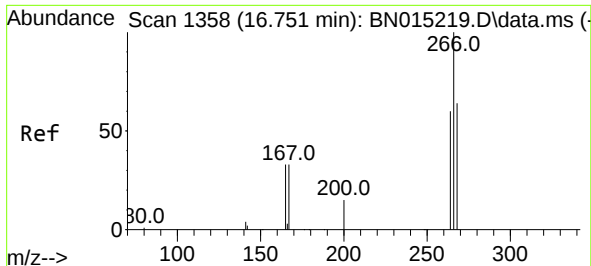
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
182 97.9 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.17 ng
RT: 16.543 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BN015386.D
Acq: 08 Jul 2021 00:31

Tgt Ion:200 Resp: 4
Ion Ratio Lower Upper
200 100
173 100.0 21.7 32.5#
215 100.0 43.1 64.7#

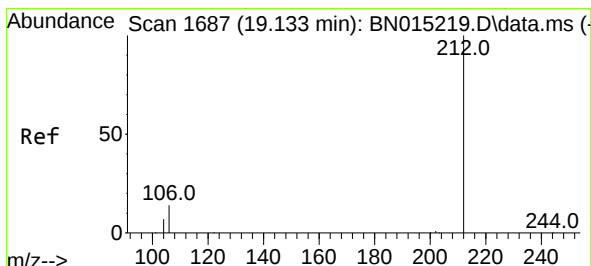
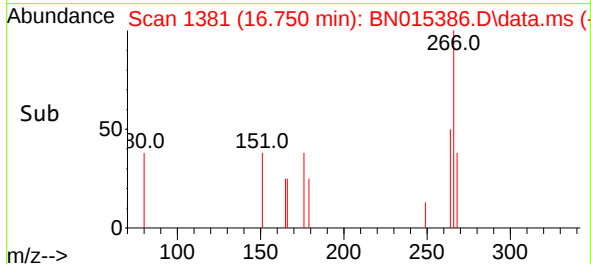
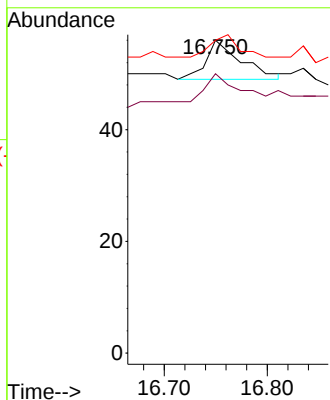
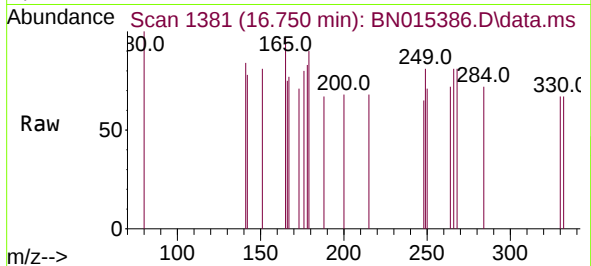




#24
Pentachlorophenol
Concen: 0.24 ng
RT: 16.750 min Scan# 1381
Delta R.T. 0.012 min
Lab File: BN015386.D
Acq: 08 Jul 2021 00:31

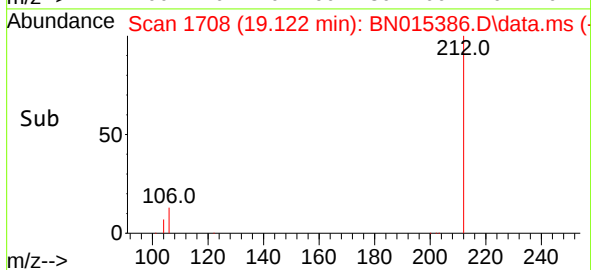
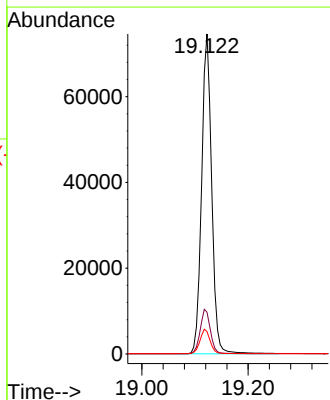
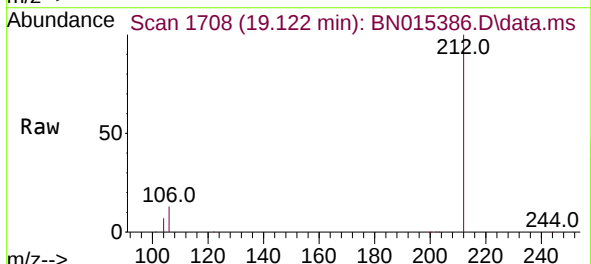
Instrument :
BNA_N
ClientSampled :

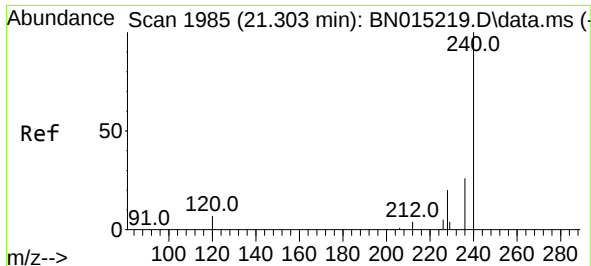
Tgt Ion:266 Resp: 17
Ion Ratio Lower Upper
266 100
264 94.1 51.0 76.4#
268 0.0 50.6 76.0#



#27
Fluoranthene-d10
Concen: 0.38 ng
RT: 19.122 min Scan# 1708
Delta R.T. -0.000 min
Lab File: BN015386.D
Acq: 08 Jul 2021 00:31

Tgt Ion:212 Resp: 97888
Ion Ratio Lower Upper
212 100
106 14.1 7.0 10.6#
104 7.7 4.1 6.1#

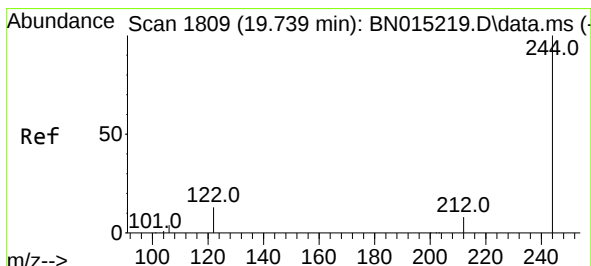
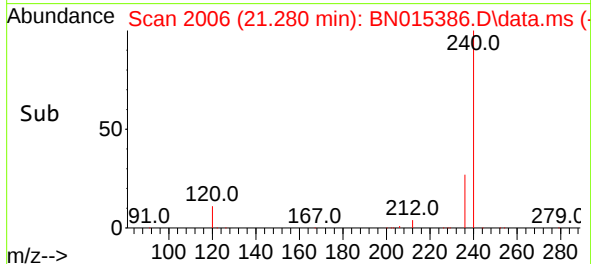
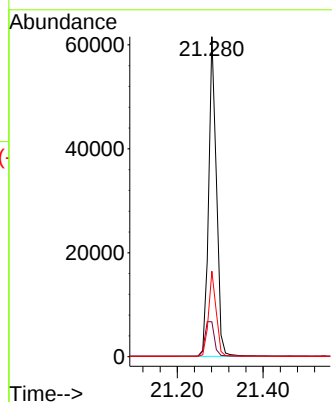
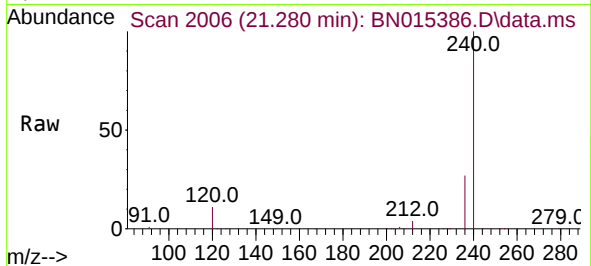




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.280 min Scan# 2006
Delta R.T. -0.011 min
Lab File: BN015386.D
Acq: 08 Jul 2021 00:31

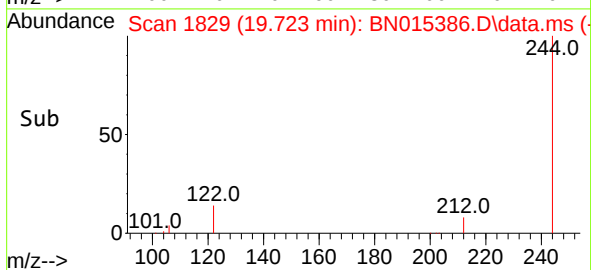
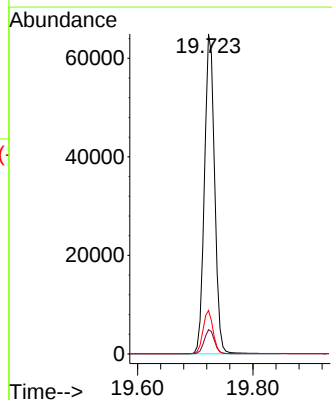
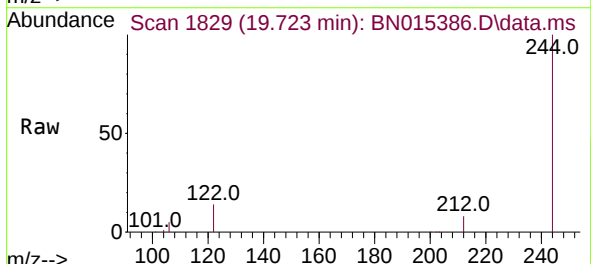
Instrument :
BNA_N
ClientSampled :

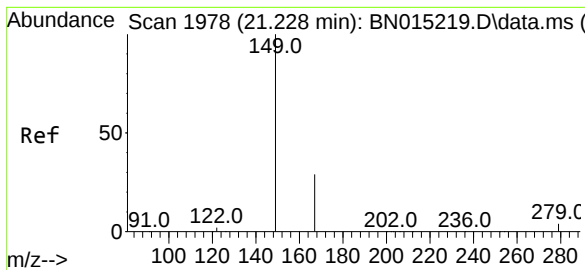
Tgt Ion:240 Resp: 77521
Ion Ratio Lower Upper
240 100
120 10.9 4.2 6.4#
236 26.7 21.4 32.2



#31
Terphenyl-d14
Concen: 0.44 ng
RT: 19.723 min Scan# 1829
Delta R.T. -0.005 min
Lab File: BN015386.D
Acq: 08 Jul 2021 00:31

Tgt Ion:244 Resp: 78947
Ion Ratio Lower Upper
244 100
212 7.6 6.3 9.5
122 13.6 6.2 9.2#

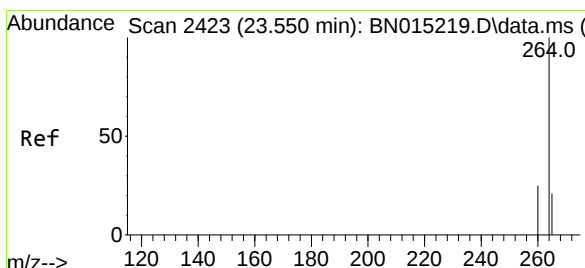
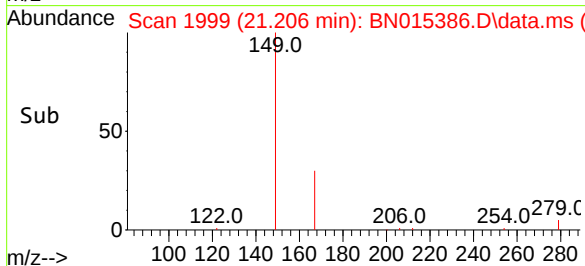
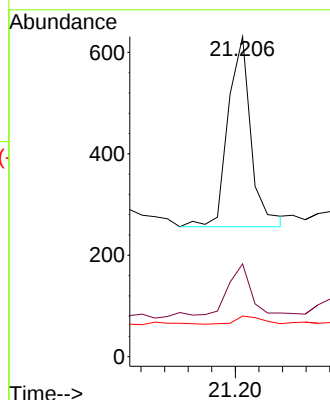
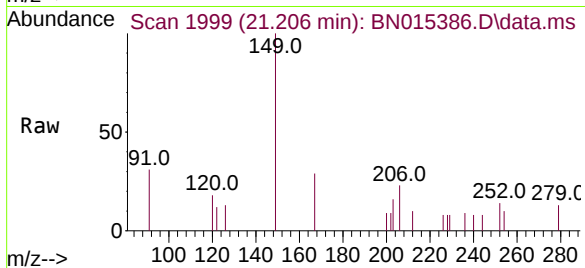




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.15 ng
 RT: 21.206 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: BN015386.D
 Acq: 08 Jul 2021 00:31

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149	Resp:	508
Ion	Ratio	Lower Upper
149	100	
167	34.6	28.9 43.3
279	4.9	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: BN015386.D
 Acq: 08 Jul 2021 00:31

Tgt Ion:264	Resp:	74149
Ion	Ratio	Lower Upper
264	100	
260	24.8	20.6 31.0
265	22.7	21.4 32.2

