

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070721\
 Data File : BN015388.D
 Acq On : 08 Jul 2021 01:44
 Operator : CG/JU
 Sample : M2939-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 08 06:45:09 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)

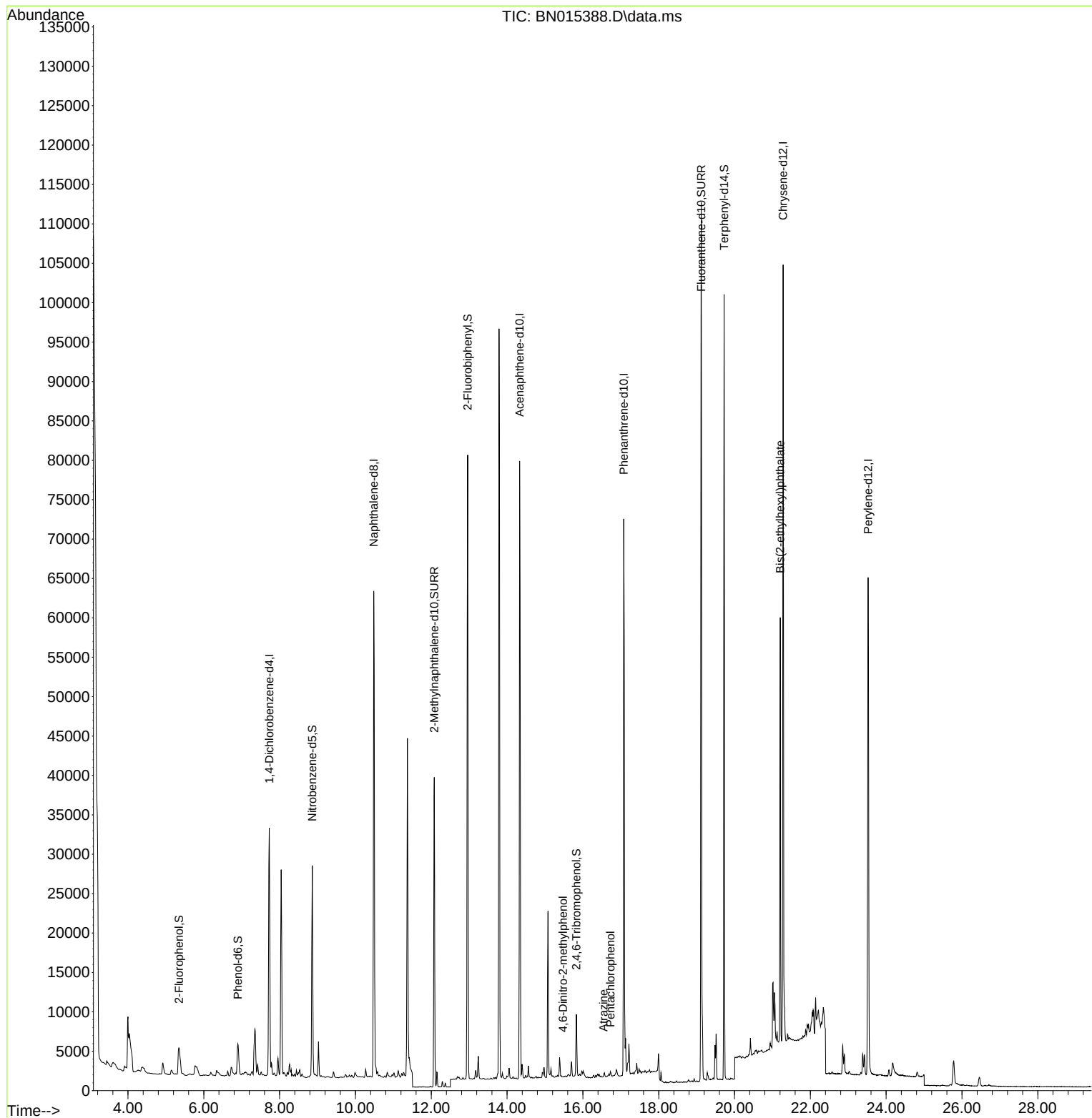
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	19776	0.40	ng	# 0.00
7) Naphthalene-d8	10.483	136	88190	0.40	ng	# 0.00
13) Acenaphthene-d10	14.332	164	48135	0.40	ng	0.00
19) Phenanthrene-d10	17.078	188	97877	0.40	ng	0.00
29) Chrysene-d12	21.280	240	89192	0.40	ng	#-0.01
35) Perylene-d12	23.522	264	84042	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.346	112	6896	0.14	ng	0.00
5) Phenol-d6	6.895	99	4842	0.08	ng	0.00
8) Nitrobenzene-d5	8.860	82	22666	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.078	152	52134	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	5801	0.50	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	70989	0.36	ng	0.00
27) Fluoranthene-d10	19.122	212	124967	0.43	ng	0.00
31) Terphenyl-d14	19.723	244	97189	0.47	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.474	198	15	0.20	ng	# 11
23) Atrazine	16.543	200	148	0.18	ng	# 54
24) Pentachlorophenol	16.725	266	567	0.29	ng	# 61
34) Bis(2-ethylhexyl)phtha...	21.206	149	44426	0.55	ng	# 87

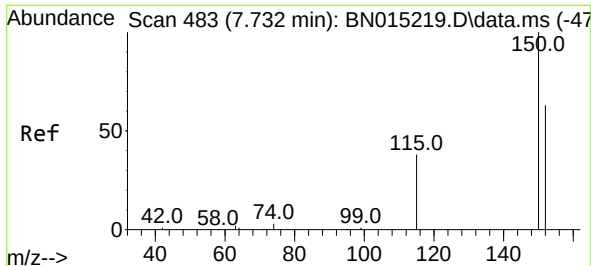
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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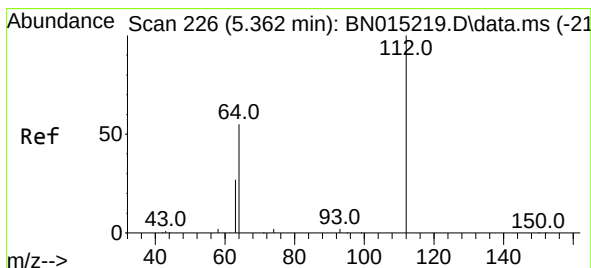
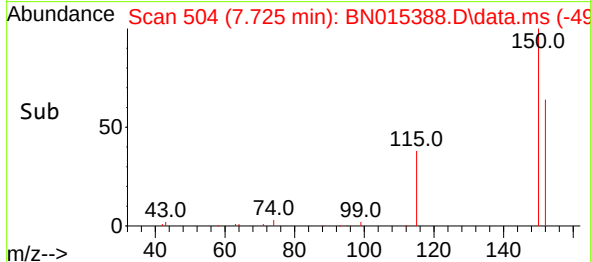
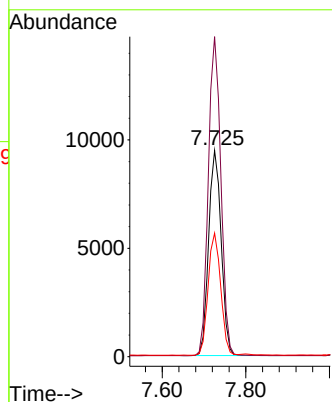
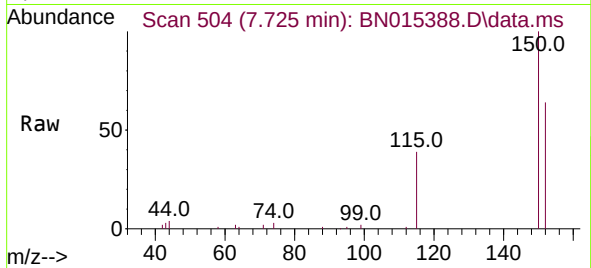




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.725 min Scan# 504
Delta R.T. 0.000 min
Lab File: BN015388.D
Acq: 08 Jul 2021 01:44

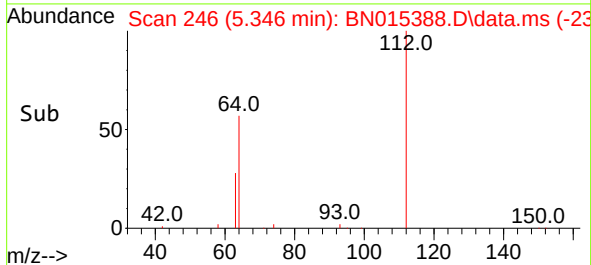
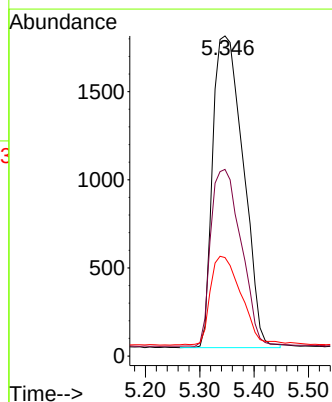
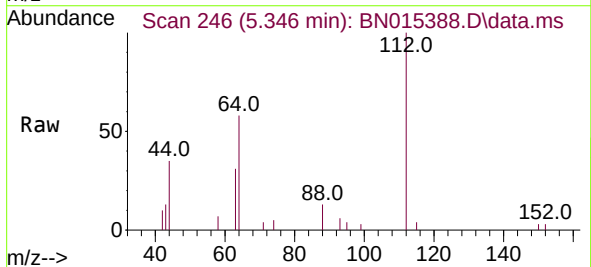
Instrument :
BNA_N
ClientSampled :

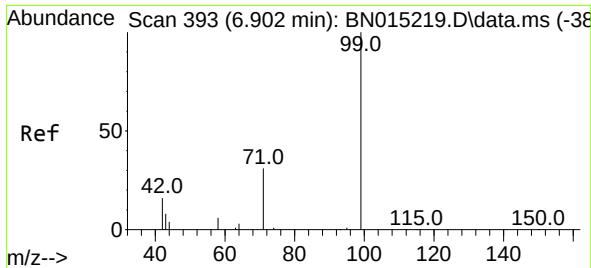
Tgt Ion:152 Resp: 19776
Ion Ratio Lower Upper
152 100
150 155.1 119.0 178.6
115 59.9 62.2 93.4#



#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.346 min Scan# 246
Delta R.T. 0.009 min
Lab File: BN015388.D
Acq: 08 Jul 2021 01:44

Tgt Ion:112 Resp: 6896
Ion Ratio Lower Upper
112 100
64 56.4 39.0 58.6
63 28.5 20.6 30.8

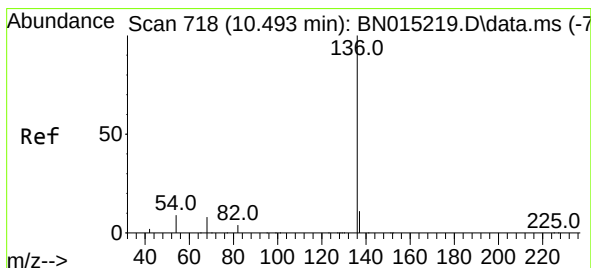
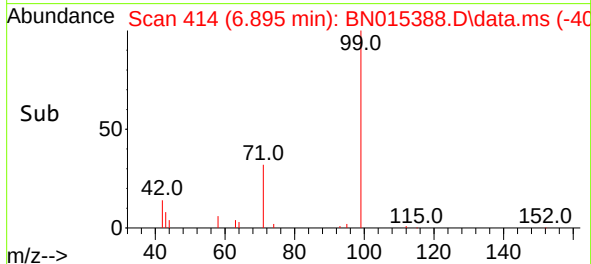
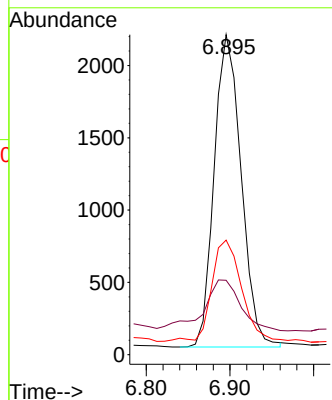
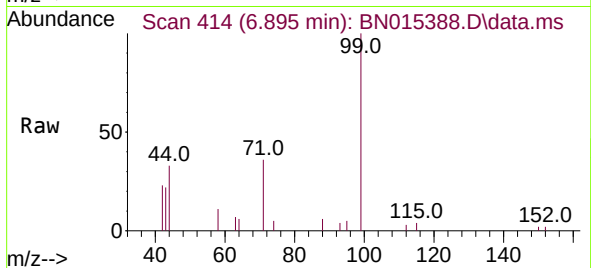




#5
Phenol-d6
Concen: 0.08 ng
RT: 6.895 min Scan# 414
Delta R.T. 0.000 min
Lab File: BN015388.D
Acq: 08 Jul 2021 01:44

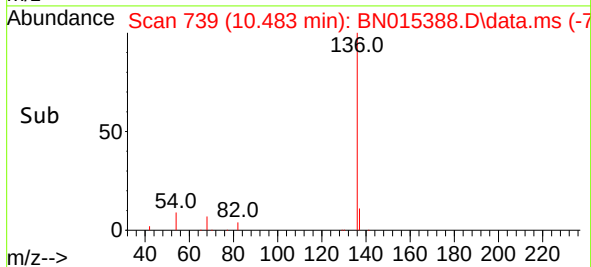
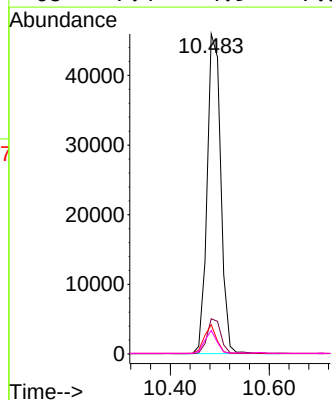
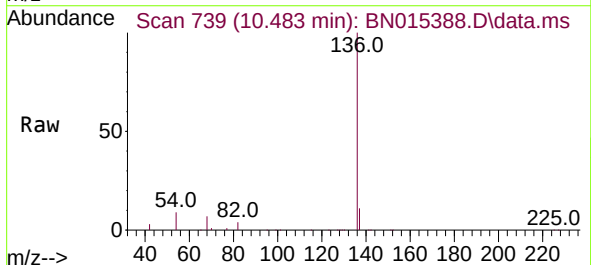
Instrument :
BNA_N
ClientSampled :

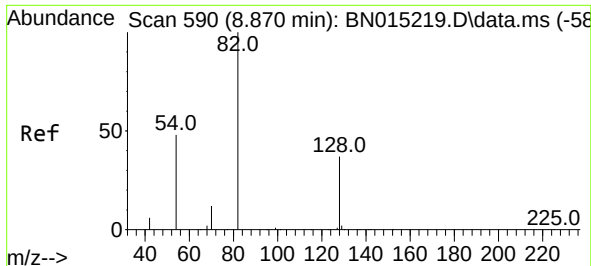
Tgt Ion: 99 Resp: 4842
Ion Ratio Lower Upper
99 100
42 22.1 8.9 13.3#
71 35.7 35.6 53.4



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.483 min Scan# 739
Delta R.T. 0.000 min
Lab File: BN015388.D
Acq: 08 Jul 2021 01:44

Tgt Ion: 136 Resp: 88190
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.8
54 9.1 5.4 8.2#
68 7.4 4.9 7.3#

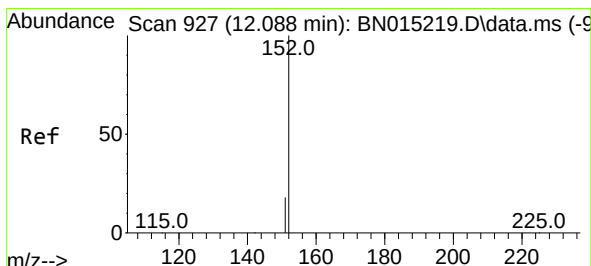
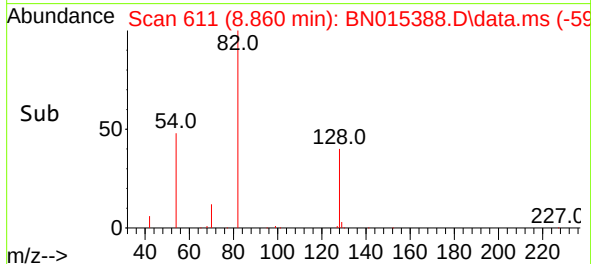
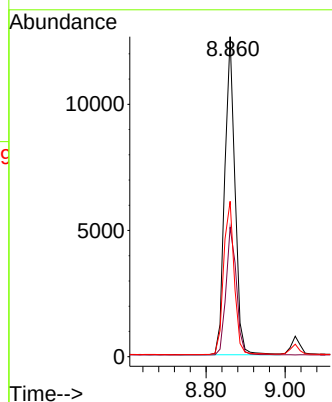
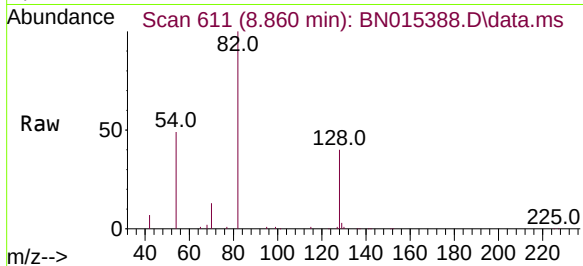




#8
Nitrobenzene-d5
Concen: 0.46 ng
RT: 8.860 min Scan# 611
Delta R.T. 0.000 min
Lab File: BN015388.D
Acq: 08 Jul 2021 01:44

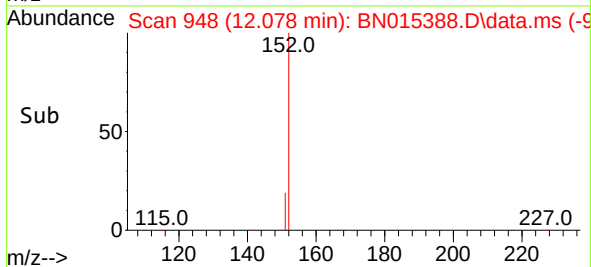
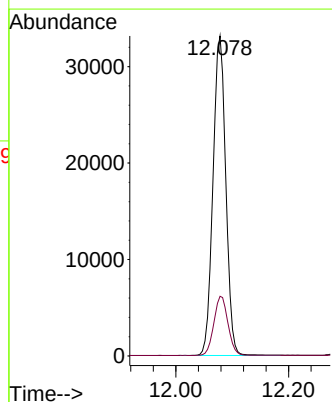
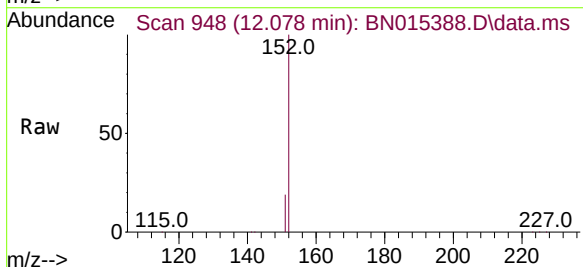
Instrument :
BNA_N
ClientSampled :

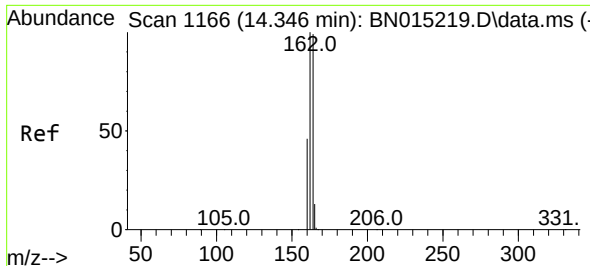
Tgt Ion: 82 Resp: 22666
Ion Ratio Lower Upper
82 100
128 40.4 31.6 47.4
54 48.5 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.36 ng
RT: 12.078 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN015388.D
Acq: 08 Jul 2021 01:44

Tgt Ion: 152 Resp: 52134
Ion Ratio Lower Upper
152 100
151 20.3 16.7 25.1

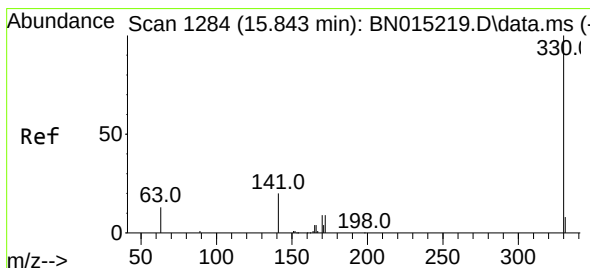
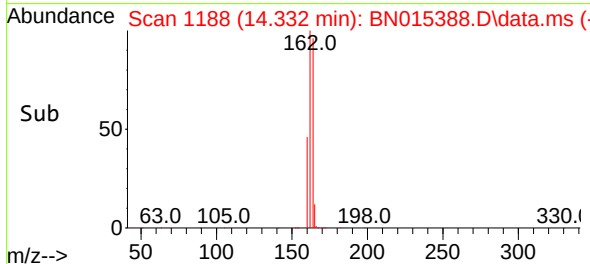
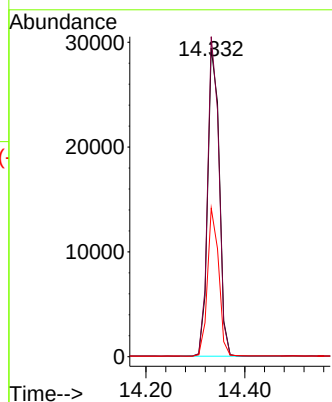
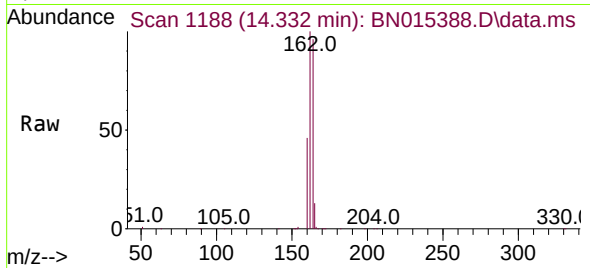




#13
 Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.332 min Scan# 1188
 Delta R.T. 0.000 min
 Lab File: BN015388.D
 Acq: 08 Jul 2021 01:44

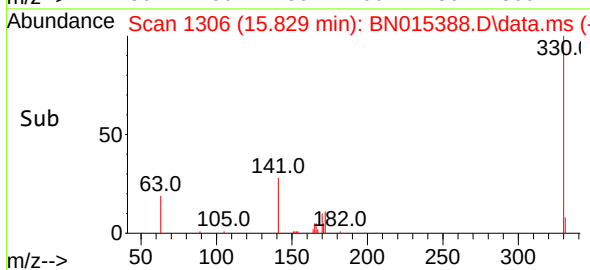
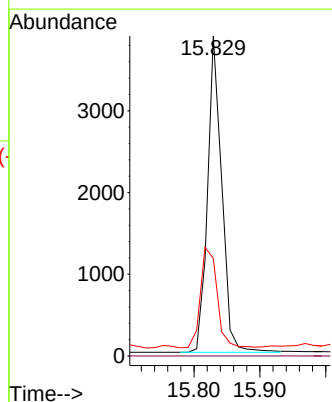
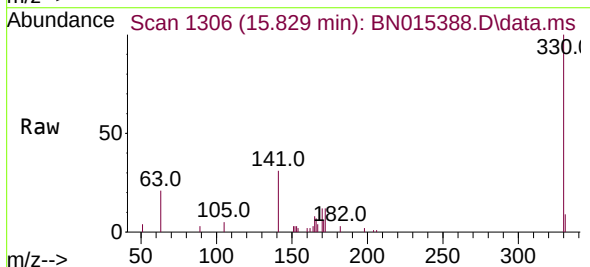
Instrument :
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 ClientSampled :

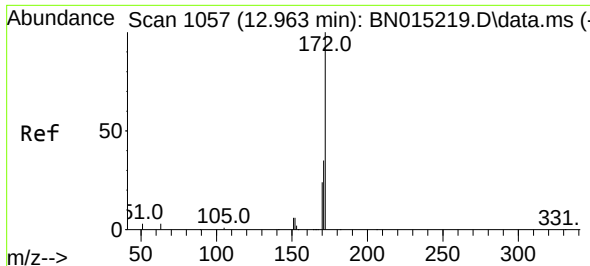
Tgt Ion:164 Resp: 48135
 Ion Ratio Lower Upper
 164 100
 162 103.7 83.8 125.6
 160 48.1 37.4 56.0



#14
 2,4,6-Tribromophenol
 Concen: 0.50 ng
 RT: 15.829 min Scan# 1306
 Delta R.T. 0.000 min
 Lab File: BN015388.D
 Acq: 08 Jul 2021 01:44

Tgt Ion:330 Resp: 5801
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 37.1 22.4 33.6#

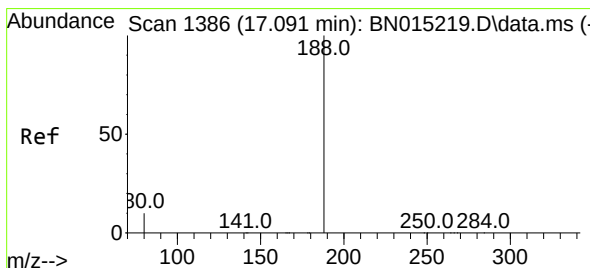
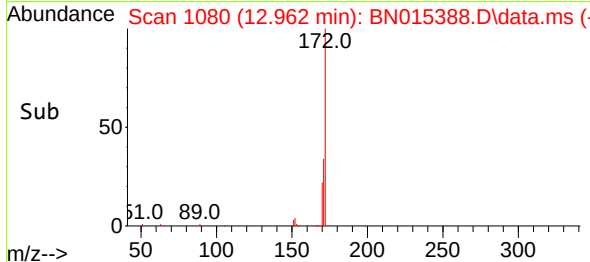
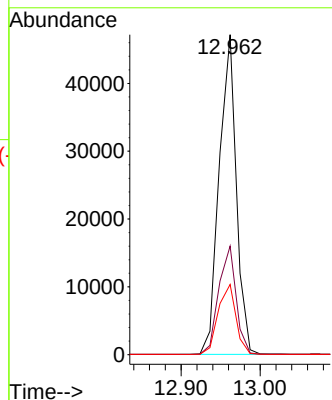
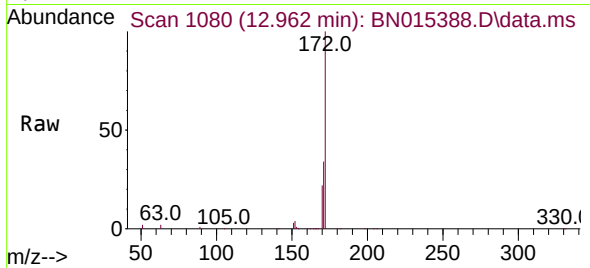




#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 12.962 min Scan# 1080
Delta R.T. 0.000 min
Lab File: BN015388.D
Acq: 08 Jul 2021 01:44

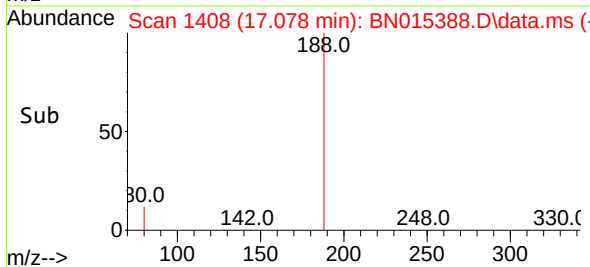
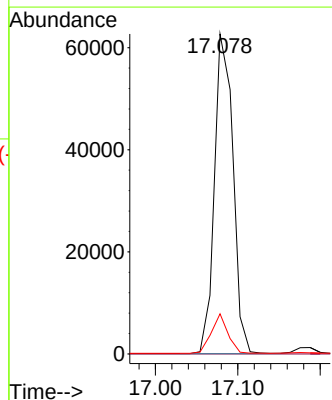
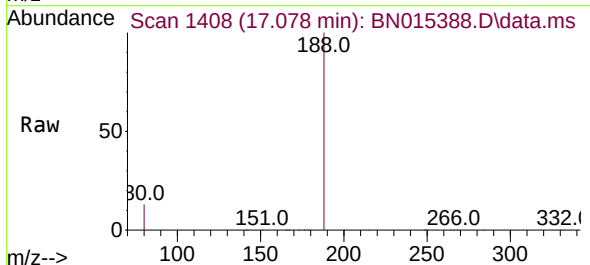
Instrument :
BNA_N
ClientSampleId :

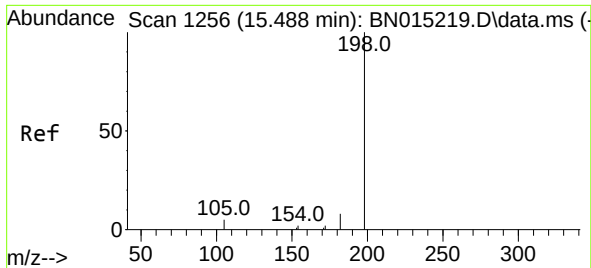
Tgt Ion:172 Resp: 70989
Ion Ratio Lower Upper
172 100
171 33.9 30.6 45.8
170 22.0 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.078 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BN015388.D
Acq: 08 Jul 2021 01:44

Tgt Ion:188 Resp: 97877
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 9.0 13.4

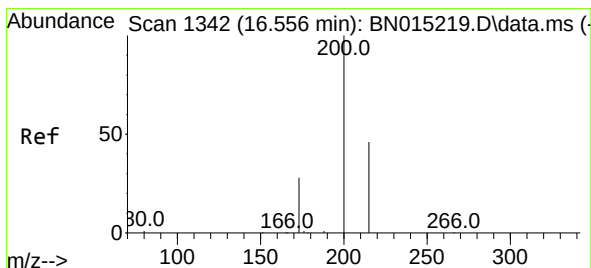
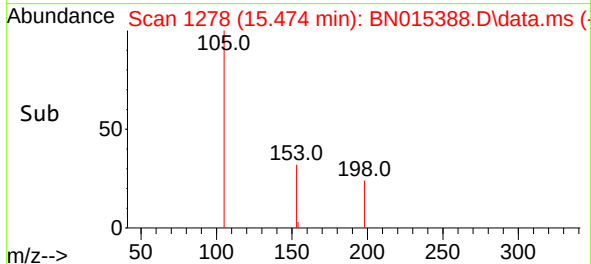
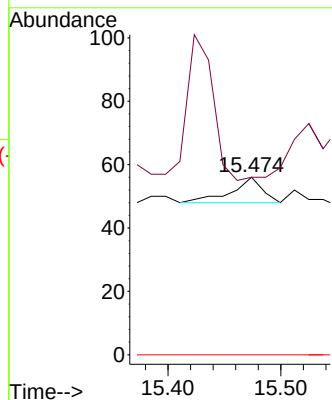
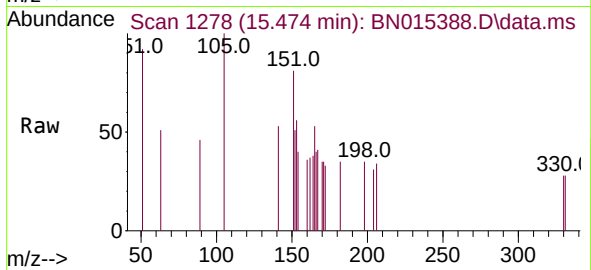




#20
4,6-Dinitro-2-methylphenol
Concen: 0.20 ng
RT: 15.474 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BN015388.D
Acq: 08 Jul 2021 01:44

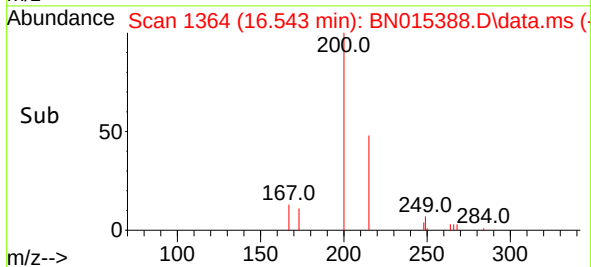
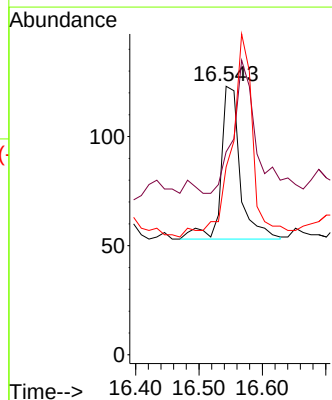
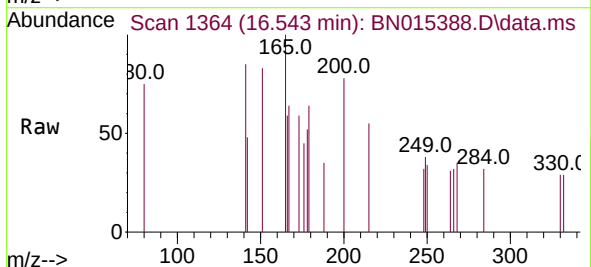
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BNA_N
ClientSampled :

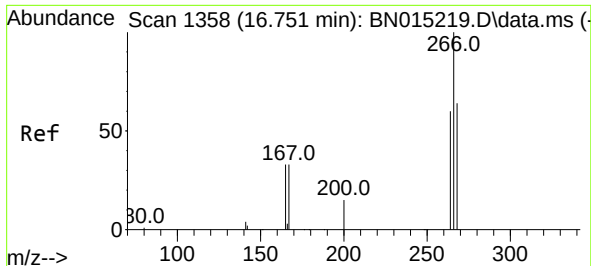
Tgt Ion:198 Resp: 15
Ion Ratio Lower Upper
198 100
182 100.0 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.18 ng
RT: 16.543 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BN015388.D
Acq: 08 Jul 2021 01:44

Tgt Ion:200 Resp: 148
Ion Ratio Lower Upper
200 100
173 75.6 21.7 32.5#
215 69.9 43.1 64.7#

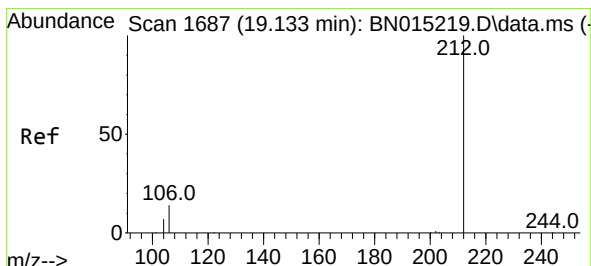
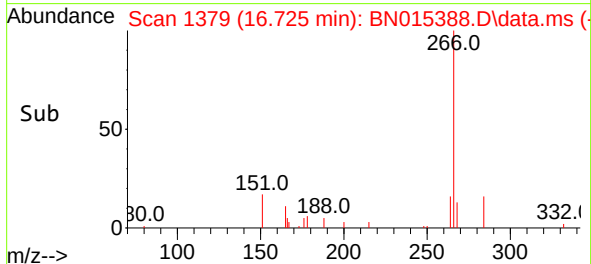
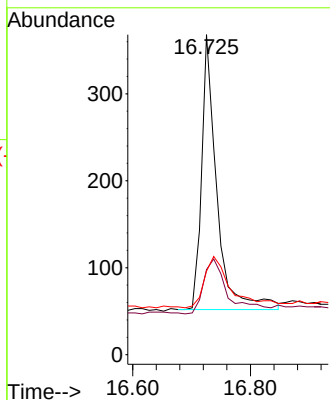
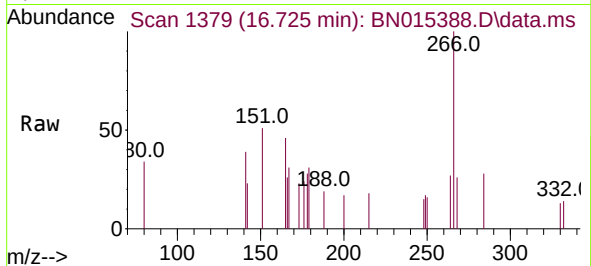




#24
Pentachlorophenol
Concen: 0.29 ng
RT: 16.725 min Scan# 1379
Delta R.T. -0.012 min
Lab File: BN015388.D
Acq: 08 Jul 2021 01:44

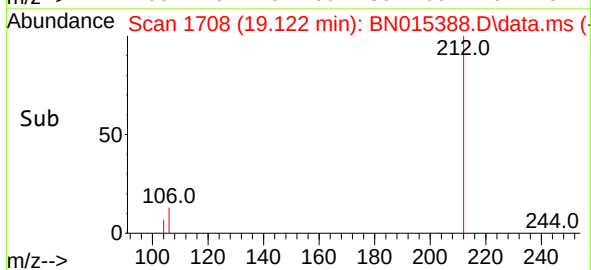
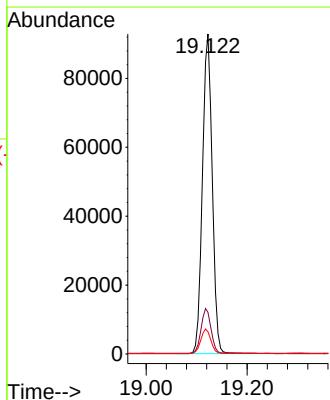
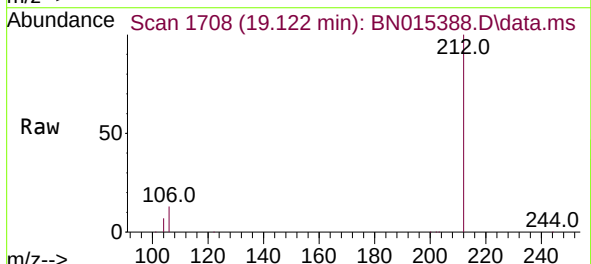
Instrument :
BNA_N
ClientSampleId :

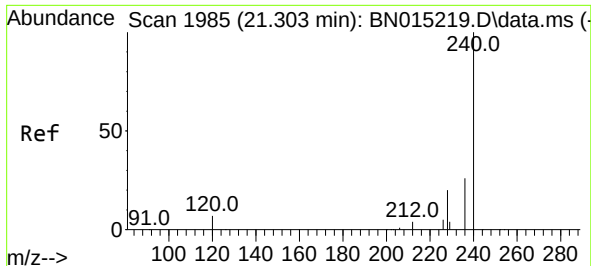
Tgt Ion:266 Resp: 567
Ion Ratio Lower Upper
266 100
264 33.2 51.0 76.4#
268 33.2 50.6 76.0#



#27
Fluoranthene-d10
Concen: 0.43 ng
RT: 19.122 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BN015388.D
Acq: 08 Jul 2021 01:44

Tgt Ion:212 Resp: 124967
Ion Ratio Lower Upper
212 100
106 14.1 7.0 10.6#
104 7.9 4.1 6.1#

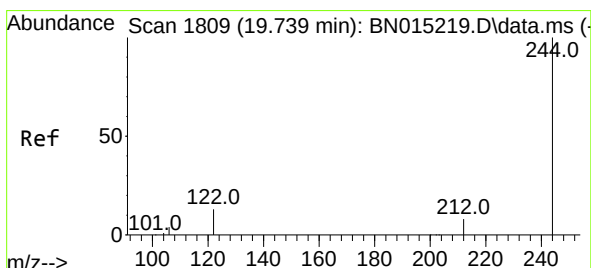
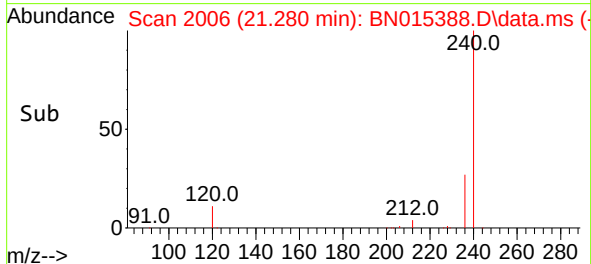
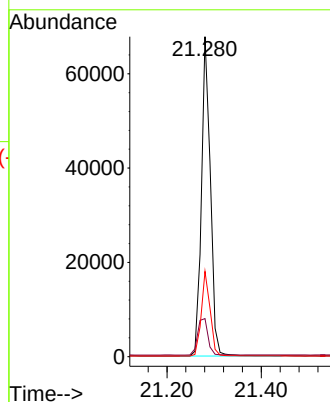
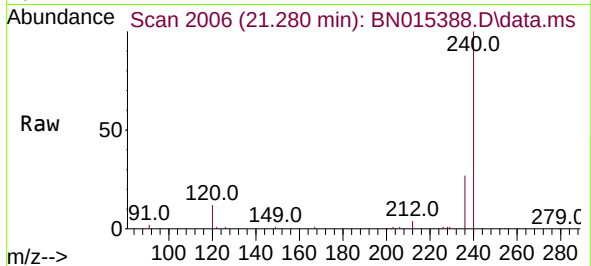




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.280 min Scan# 2006
Delta R.T. -0.011 min
Lab File: BN015388.D
Acq: 08 Jul 2021 01:44

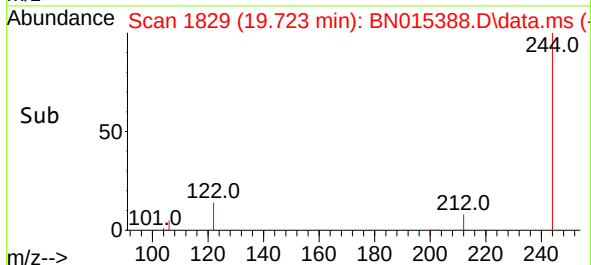
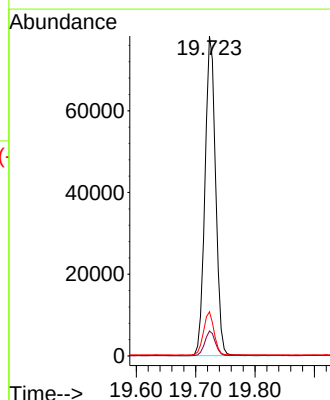
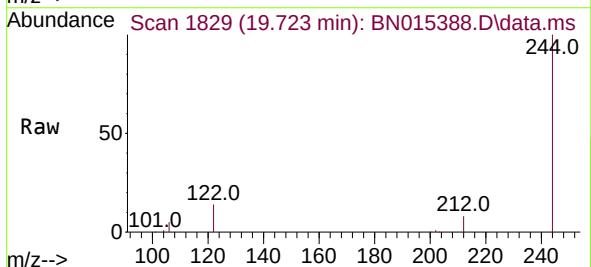
Instrument :
BNA_N
ClientSampled :

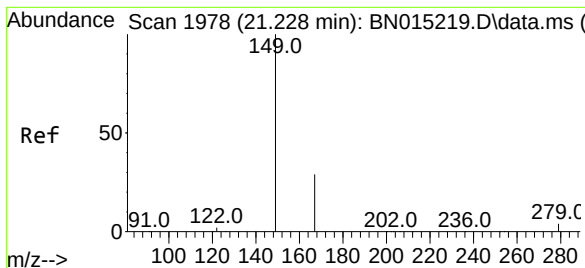
Tgt Ion:240 Resp: 89192
Ion Ratio Lower Upper
240 100
120 11.9 4.2 6.4#
236 26.7 21.4 32.2



#31
Terphenyl-d14
Concen: 0.47 ng
RT: 19.723 min Scan# 1829
Delta R.T. -0.005 min
Lab File: BN015388.D
Acq: 08 Jul 2021 01:44

Tgt Ion:244 Resp: 97189
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 13.8 6.2 9.2#

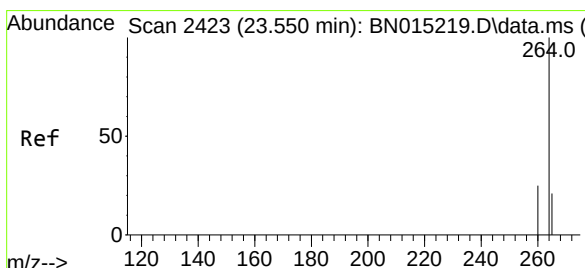
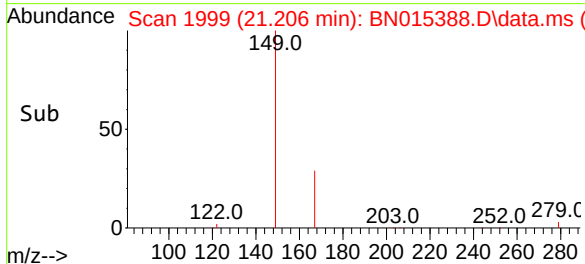
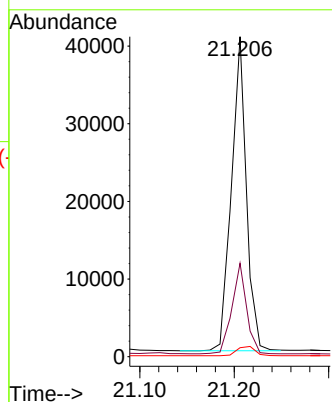
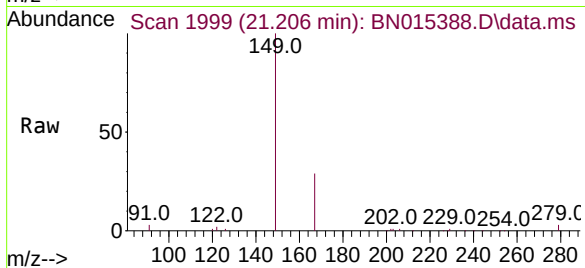




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.55 ng
RT: 21.206 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BN015388.D
Acq: 08 Jul 2021 01:44

Instrument :
BNA_N
ClientSampled :

Tgt Ion:149 Resp: 44426
Ion Ratio Lower Upper
149 100
167 28.2 28.9 43.3#
279 3.6 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: BN015388.D
Acq: 08 Jul 2021 01:44

Tgt Ion:264 Resp: 84042
Ion Ratio Lower Upper
264 100
260 24.8 20.6 31.0
265 22.6 21.4 32.2

