

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070721\
 Data File : BN015387.D
 Acq On : 08 Jul 2021 01:07
 Operator : CG/JU
 Sample : M2939-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 08 06:45:03 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)

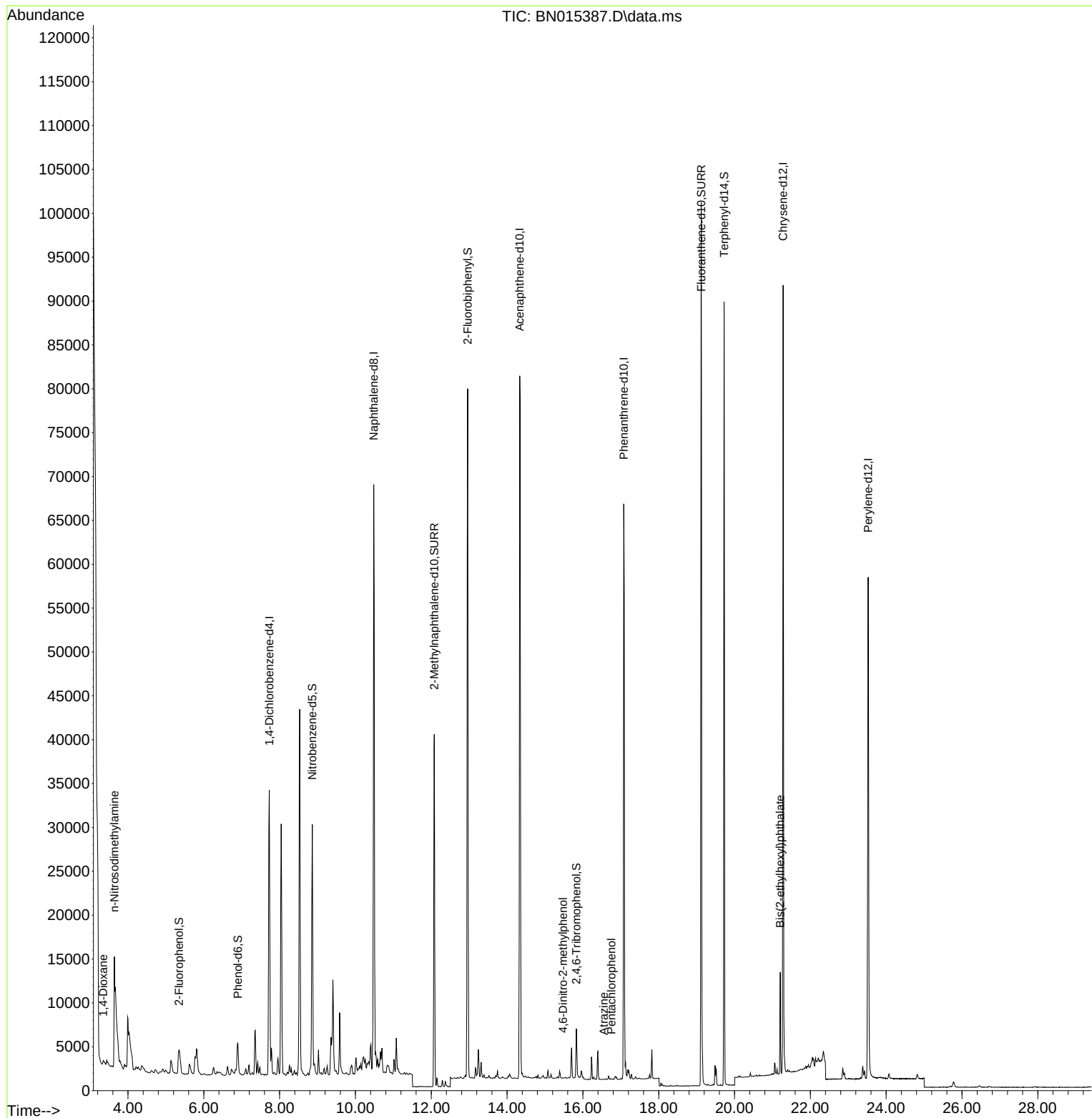
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	20311	0.40	ng	# 0.00
7) Naphthalene-d8	10.483	136	92109	0.40	ng	# 0.00
13) Acenaphthene-d10	14.332	164	49117	0.40	ng	0.00
19) Phenanthrene-d10	17.078	188	94843	0.40	ng	0.00
29) Chrysene-d12	21.280	240	80047	0.40	ng	#-0.01
35) Perylene-d12	23.525	264	74419	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.346	112	4875	0.09	ng	0.00
5) Phenol-d6	6.895	99	3994	0.06	ng	0.00
8) Nitrobenzene-d5	8.860	82	24382	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	12.078	152	54517	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	4152	0.42	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	72670	0.36	ng	0.00
27) Fluoranthene-d10	19.122	212	111813	0.40	ng	0.00
31) Terphenyl-d14	19.723	244	87480	0.47	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.345	88	698	0.07	ng	# 38
3) n-Nitrosodimethylamine	3.641	42	1951	0.11	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.474	198	43	0.22	ng	# 55
23) Atrazine	16.555	200	14	0.17	ng	# 8
24) Pentachlorophenol	16.750	266	47	0.25	ng	93
34) Bis(2-ethylhexyl)phtha...	21.206	149	9601	0.25	ng	# 86

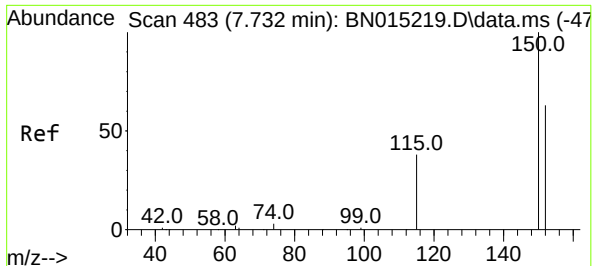
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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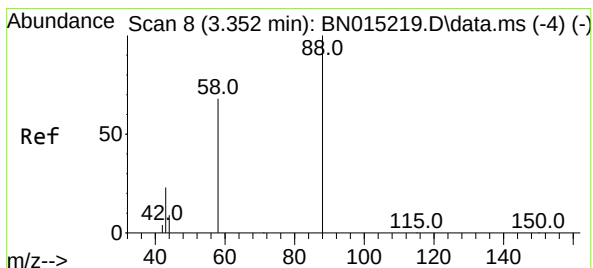
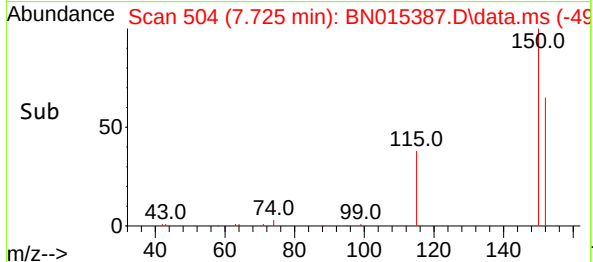
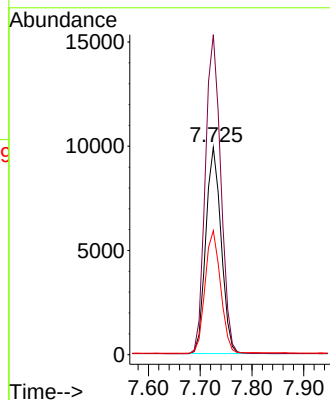
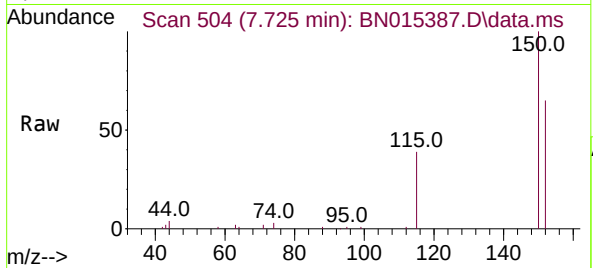




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.725 min Scan# 504
 Delta R.T. 0.000 min
 Lab File: BN015387.D
 Acq: 08 Jul 2021 01:07

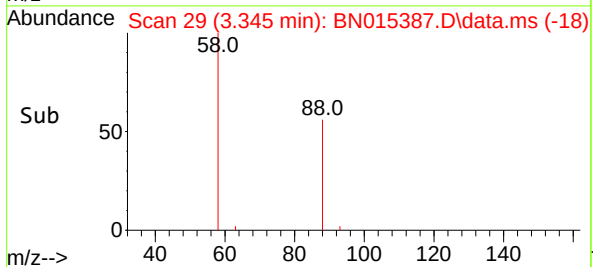
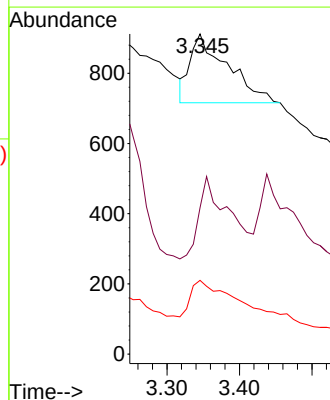
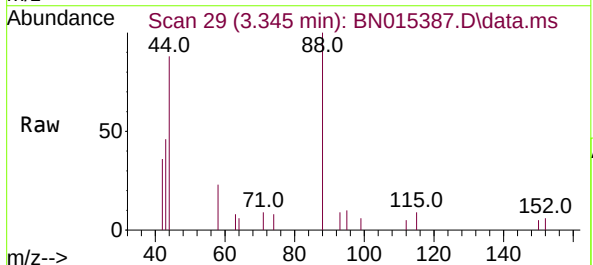
Instrument :
 BNA_N
 ClientSampled :

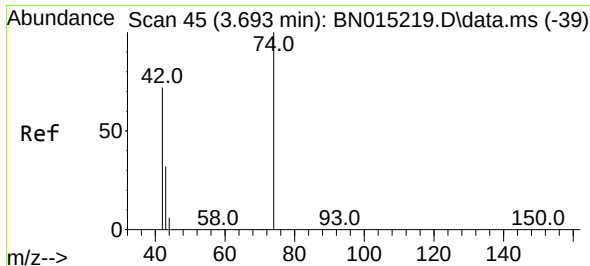
Tgt Ion: 152 Resp: 20311
 Ion Ratio Lower Upper
 152 100
 150 154.3 119.0 178.6
 115 59.8 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 0.07 ng
 RT: 3.345 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: BN015387.D
 Acq: 08 Jul 2021 01:07

Tgt Ion: 88 Resp: 698
 Ion Ratio Lower Upper
 88 100
 43 99.9 12.9 19.3#
 58 58.6 38.1 57.1#

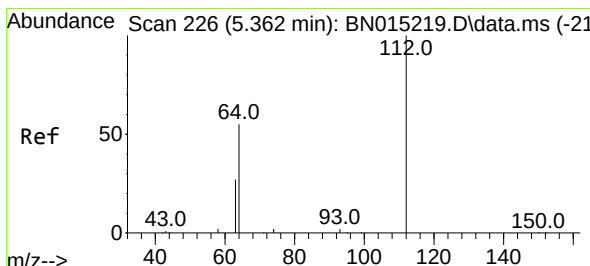
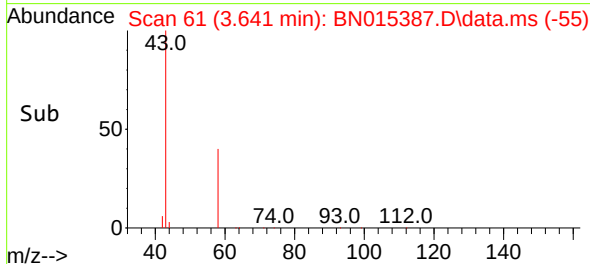
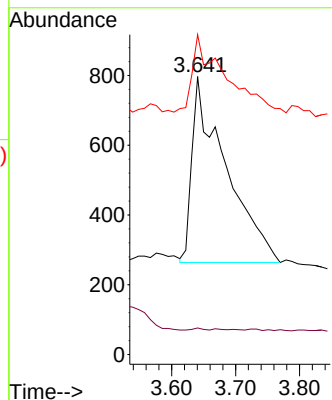
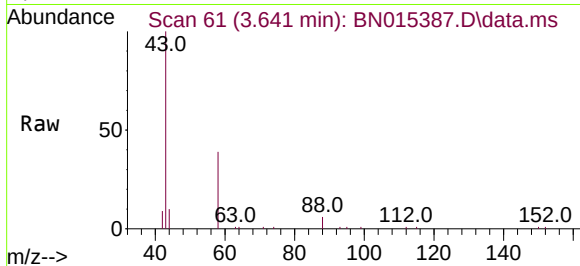




#3
n-Nitrosodimethylamine
Concen: 0.11 ng
RT: 3.641 min Scan# 61
Delta R.T. -0.046 min
Lab File: BN015387.D
Acq: 08 Jul 2021 01:07

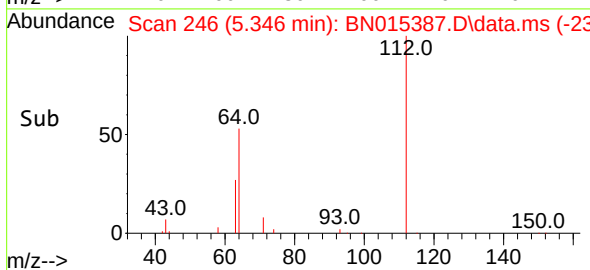
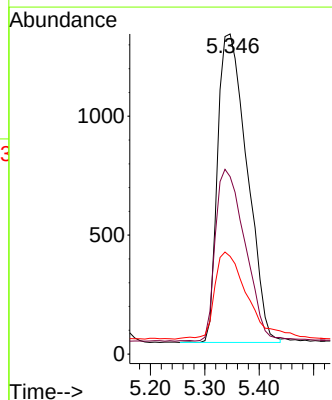
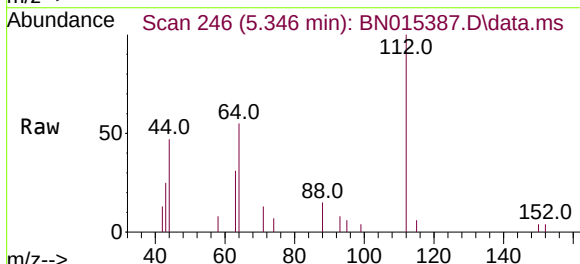
Instrument :
BNA_N
ClientSampled :

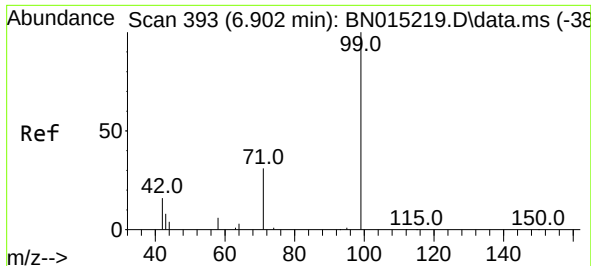
Tgt Ion: 42 Resp: 1951
Ion Ratio Lower Upper
42 100
74 0.3 149.5 224.3#
44 40.6 4.2 6.2#



#4
2-Fluorophenol
Concen: 0.09 ng
RT: 5.346 min Scan# 246
Delta R.T. 0.009 min
Lab File: BN015387.D
Acq: 08 Jul 2021 01:07

Tgt Ion: 112 Resp: 4875
Ion Ratio Lower Upper
112 100
64 55.9 39.0 58.6
63 30.1 20.6 30.8

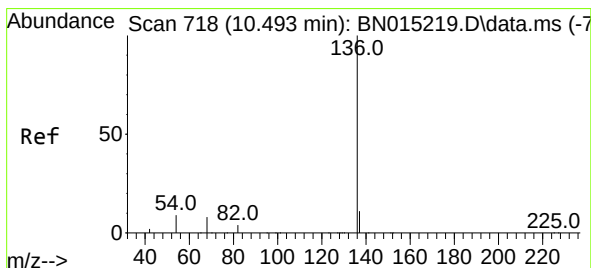
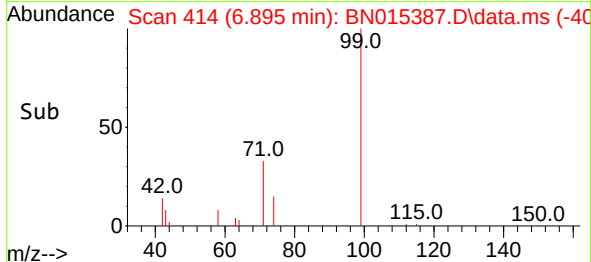
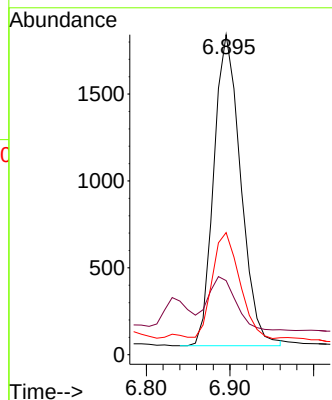
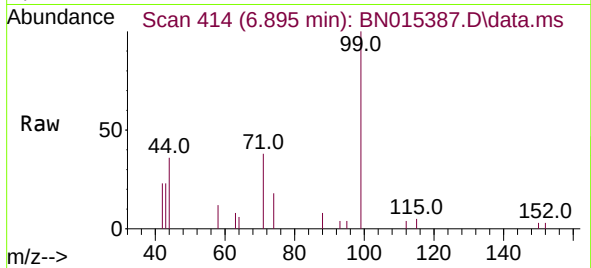




#5
Phenol-d6
Concen: 0.06 ng
RT: 6.895 min Scan# 414
Delta R.T. -0.000 min
Lab File: BN015387.D
Acq: 08 Jul 2021 01:07

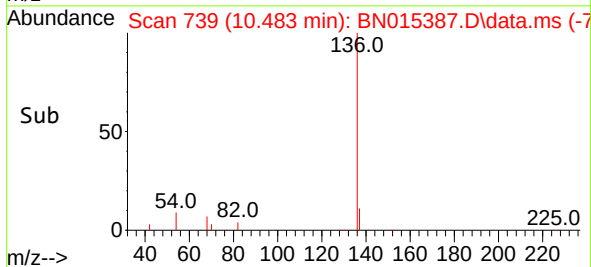
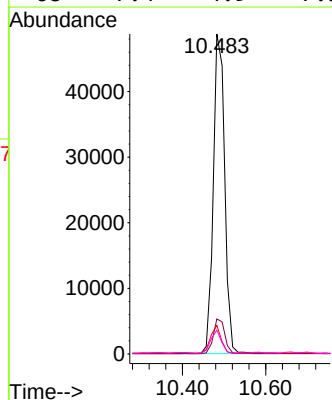
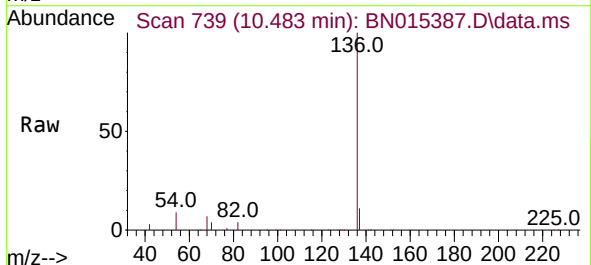
Instrument :
BNA_N
ClientSampleId :

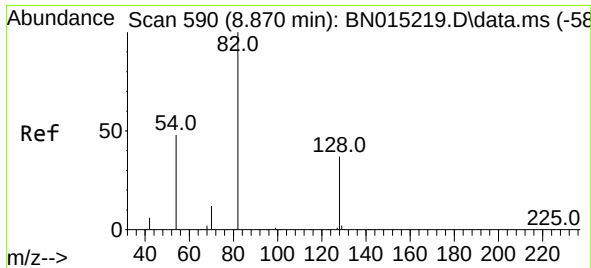
Tgt Ion: 99 Resp: 3994
Ion Ratio Lower Upper
99 100
42 17.5 8.9 13.3#
71 34.7 35.6 53.4#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.483 min Scan# 739
Delta R.T. -0.000 min
Lab File: BN015387.D
Acq: 08 Jul 2021 01:07

Tgt Ion: 136 Resp: 92109
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.8
54 8.9 5.4 8.2#
68 7.4 4.9 7.3#

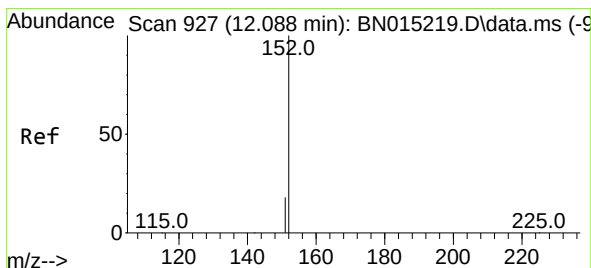
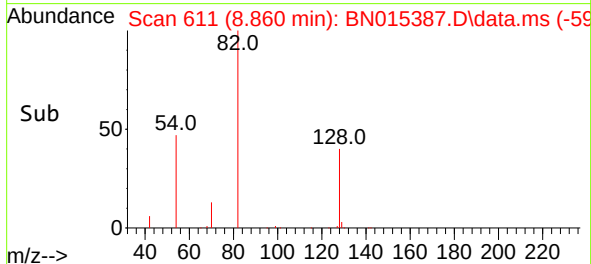
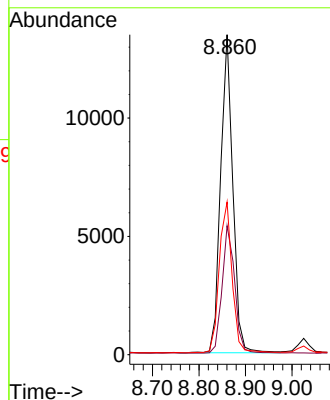
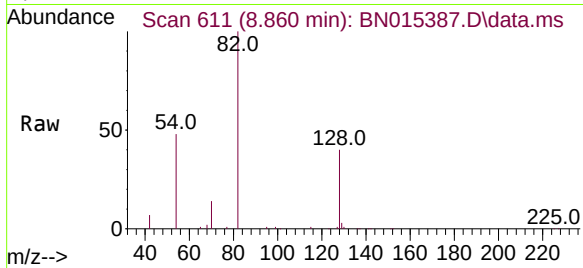




#8
Nitrobenzene-d5
Concen: 0.47 ng
RT: 8.860 min Scan# 611
Delta R.T. -0.000 min
Lab File: BN015387.D
Acq: 08 Jul 2021 01:07

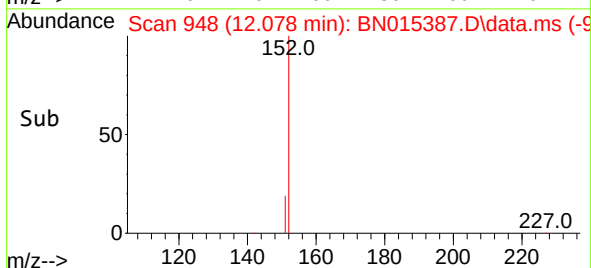
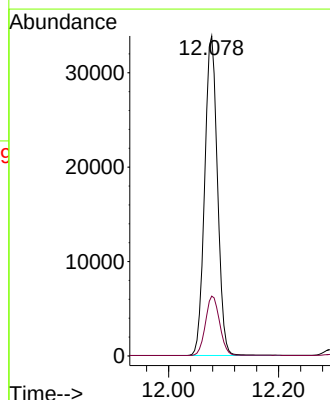
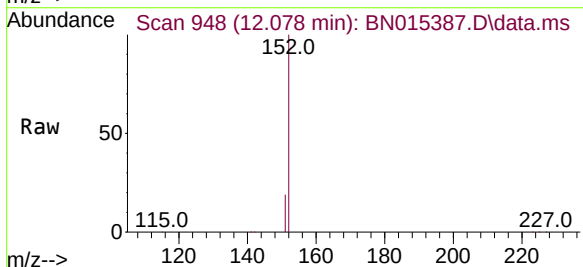
Instrument :
BNA_N
ClientSampleId :

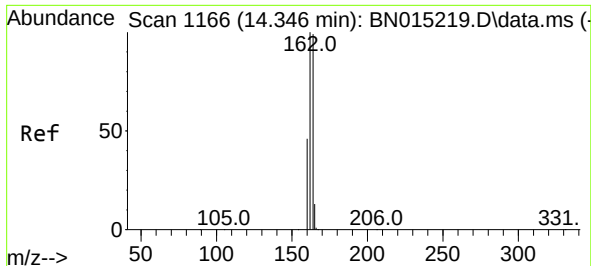
Tgt Ion: 82 Resp: 24382
Ion Ratio Lower Upper
82 100
128 40.3 31.6 47.4
54 47.7 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.36 ng
RT: 12.078 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN015387.D
Acq: 08 Jul 2021 01:07

Tgt Ion: 152 Resp: 54517
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1

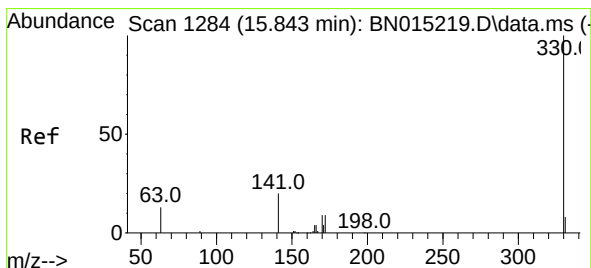
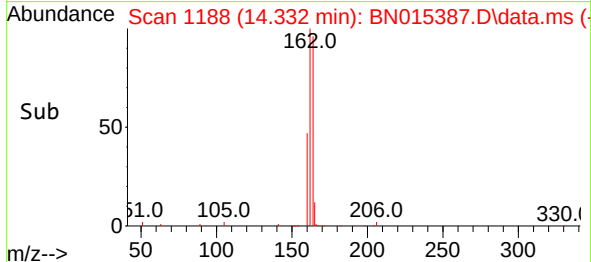
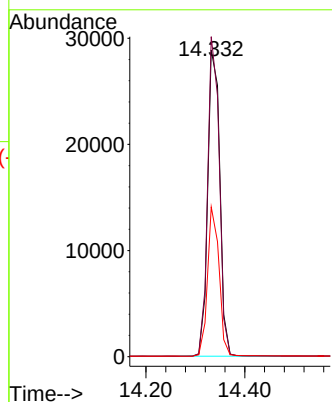
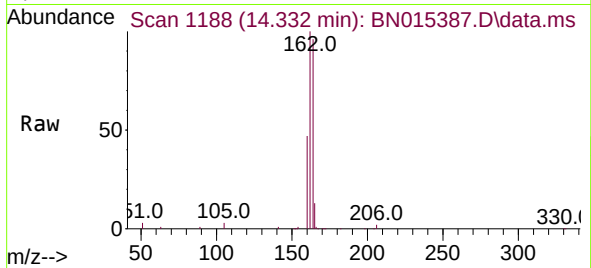




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.332 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BN015387.D
Acq: 08 Jul 2021 01:07

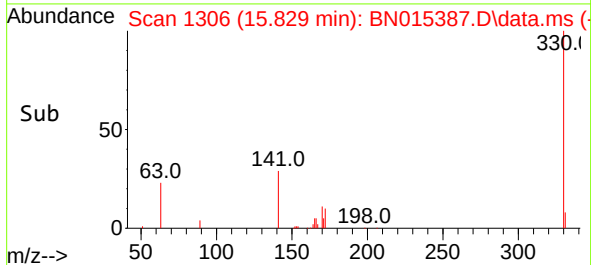
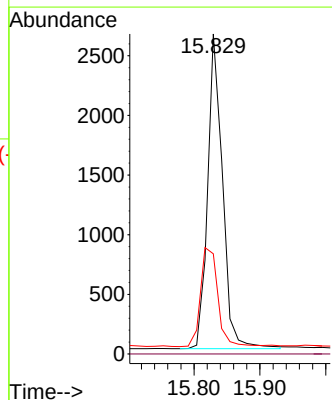
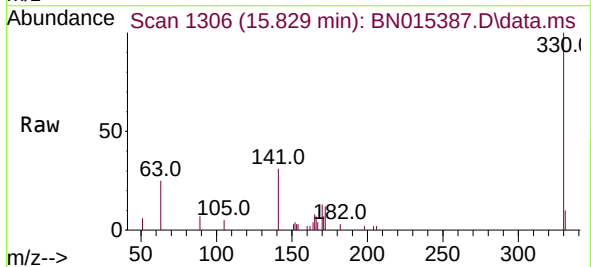
Instrument :
BNA_N
ClientSampleId :

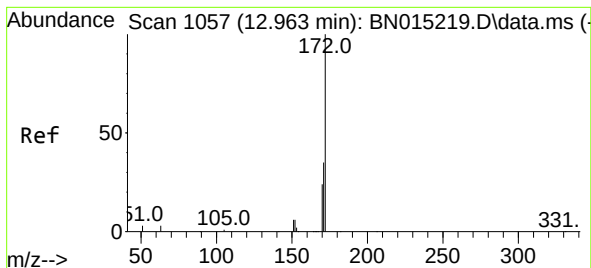
Tgt Ion:164 Resp: 49117
Ion Ratio Lower Upper
164 100
162 104.3 83.8 125.6
160 48.8 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.42 ng
RT: 15.829 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BN015387.D
Acq: 08 Jul 2021 01:07

Tgt Ion:330 Resp: 4152
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.0 22.4 33.6#

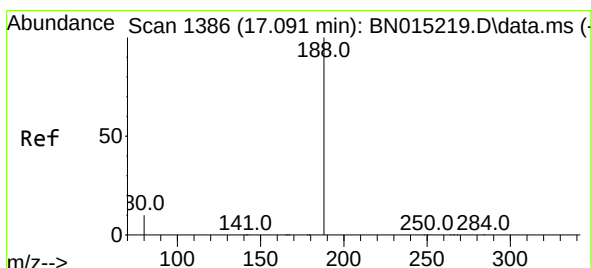
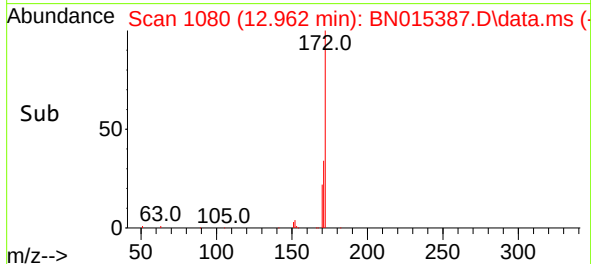
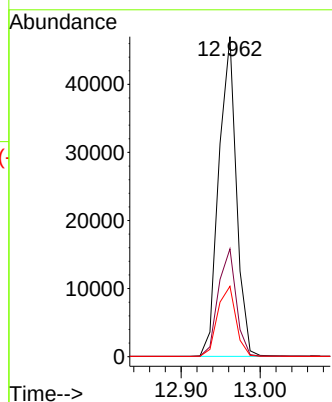
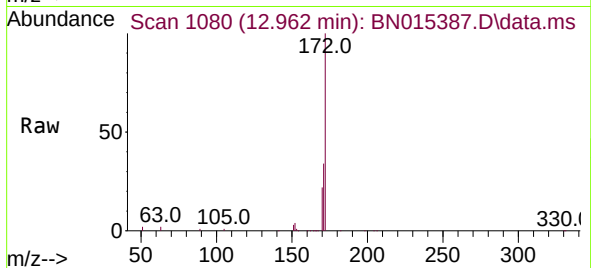




#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.000 min
Lab File: BN015387.D
Acq: 08 Jul 2021 01:07

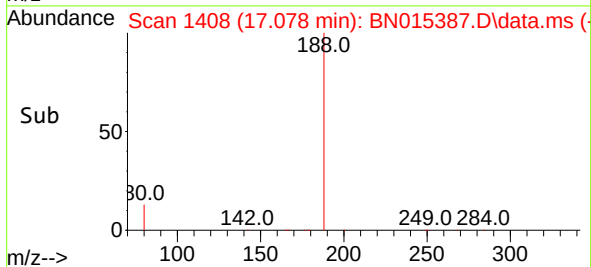
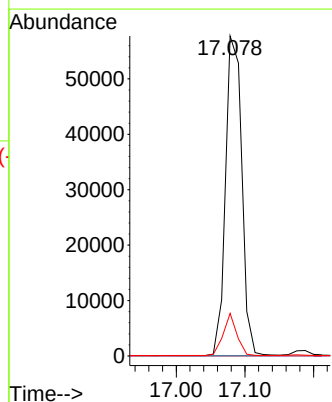
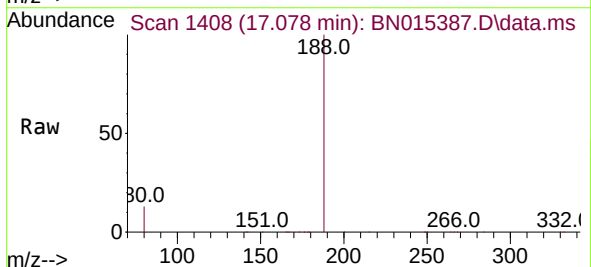
Instrument :
BNA_N
ClientSampleId :

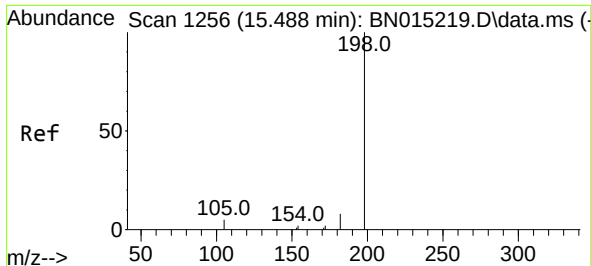
Tgt Ion:172 Resp: 72670
Ion Ratio Lower Upper
172 100
171 33.7 30.6 45.8
170 22.0 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.078 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BN015387.D
Acq: 08 Jul 2021 01:07

Tgt Ion:188 Resp: 94843
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.3 9.0 13.4

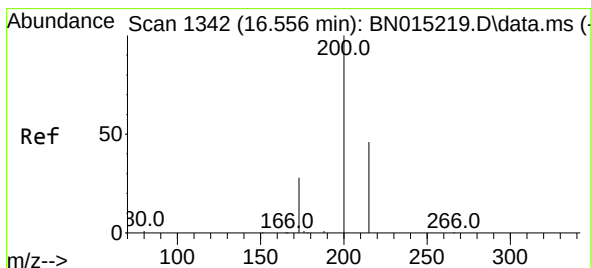
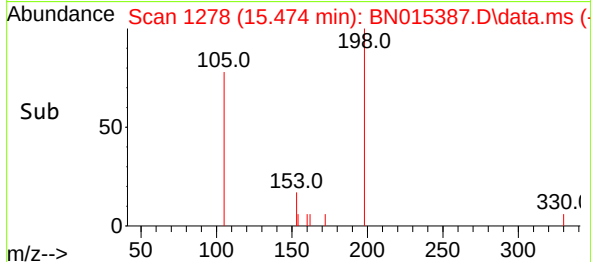
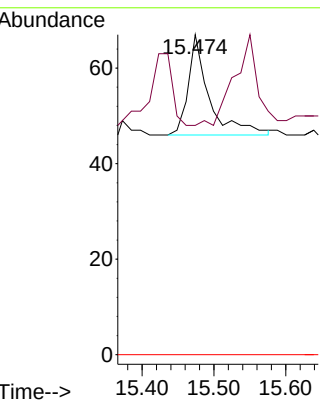
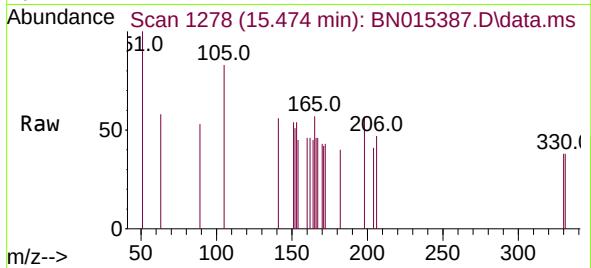




#20
4,6-Dinitro-2-methylphenol
Concen: 0.22 ng
RT: 15.474 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BN015387.D
Acq: 08 Jul 2021 01:07

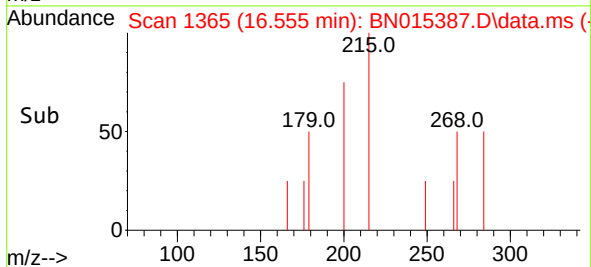
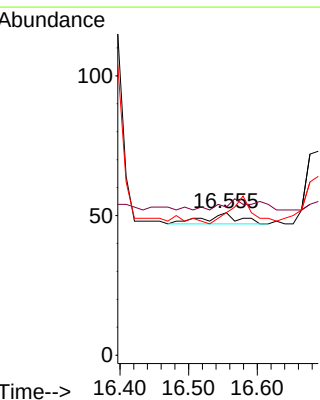
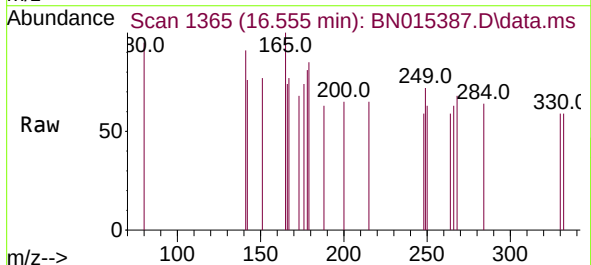
Instrument :
BNA_N
ClientSampleId :

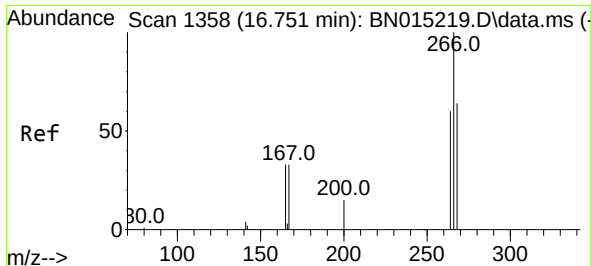
Tgt Ion:198 Resp: 43
Ion Ratio Lower Upper
198 100
182 71.6 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.17 ng
RT: 16.555 min Scan# 1365
Delta R.T. 0.012 min
Lab File: BN015387.D
Acq: 08 Jul 2021 01:07

Tgt Ion:200 Resp: 14
Ion Ratio Lower Upper
200 100
173 103.9 21.7 32.5#
215 100.0 43.1 64.7#

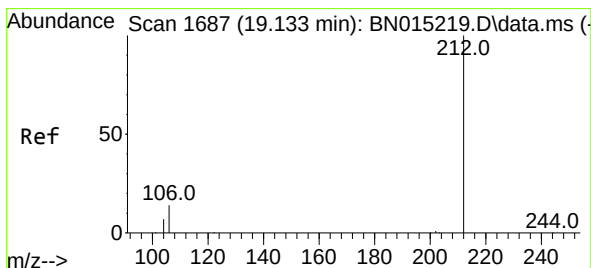
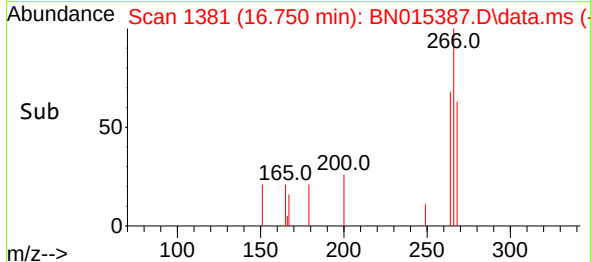
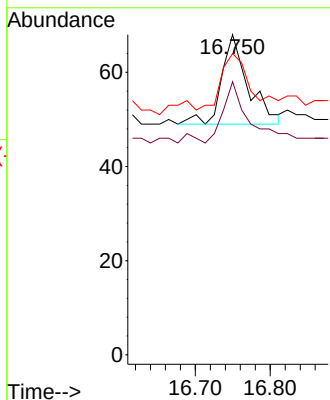
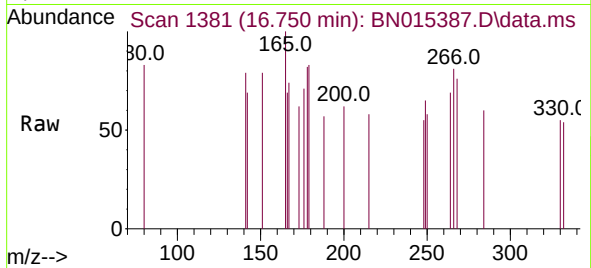




#24
Pentachlorophenol
Concen: 0.25 ng
RT: 16.750 min Scan# 1381
Delta R.T. 0.012 min
Lab File: BN015387.D
Acq: 08 Jul 2021 01:07

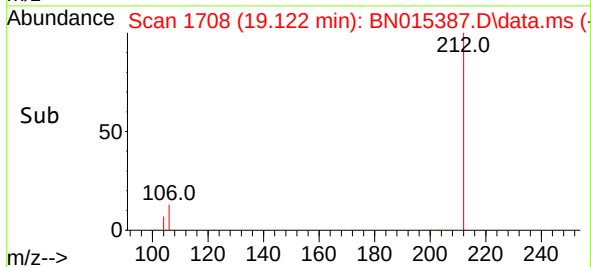
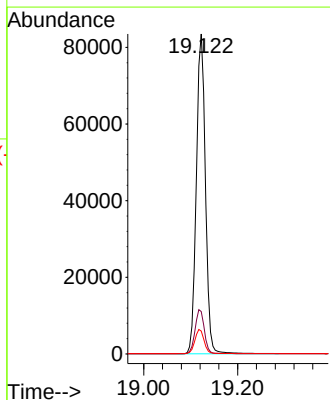
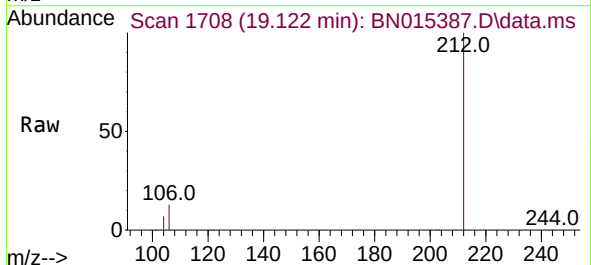
Instrument :
BNA_N
ClientSampleId :

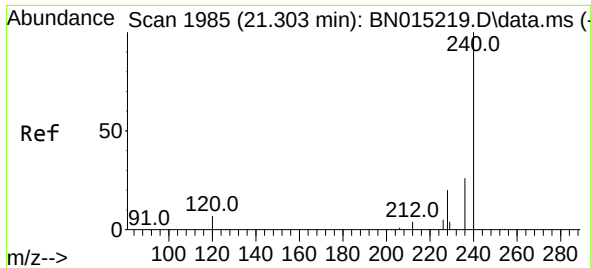
Tgt Ion:266 Resp: 47
Ion Ratio Lower Upper
266 100
264 70.2 51.0 76.4
268 68.1 50.6 76.0



#27
Fluoranthene-d10
Concen: 0.40 ng
RT: 19.122 min Scan# 1708
Delta R.T. -0.000 min
Lab File: BN015387.D
Acq: 08 Jul 2021 01:07

Tgt Ion:212 Resp: 111813
Ion Ratio Lower Upper
212 100
106 14.1 7.0 10.6#
104 7.7 4.1 6.1#

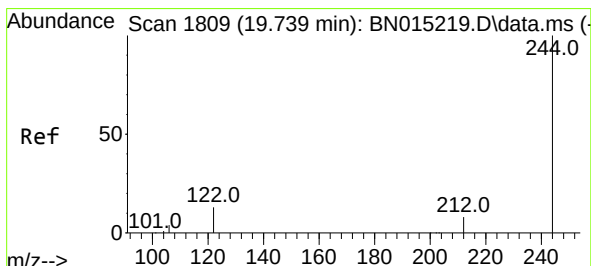
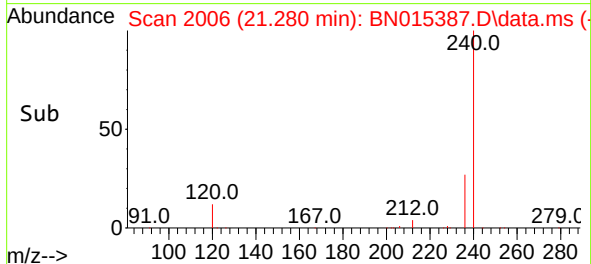
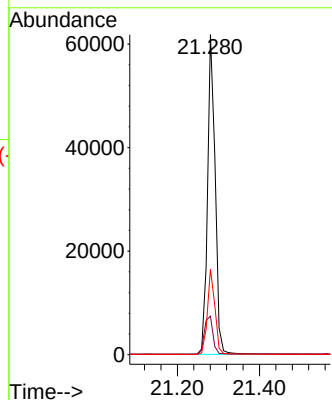
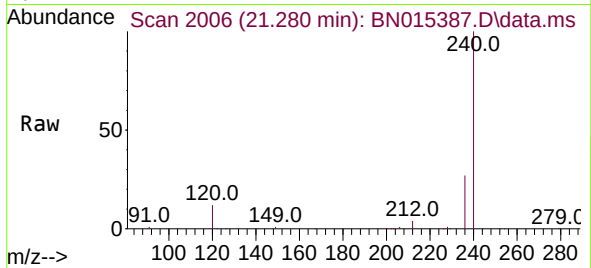




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.280 min Scan# 2006
Delta R.T. -0.011 min
Lab File: BN015387.D
Acq: 08 Jul 2021 01:07

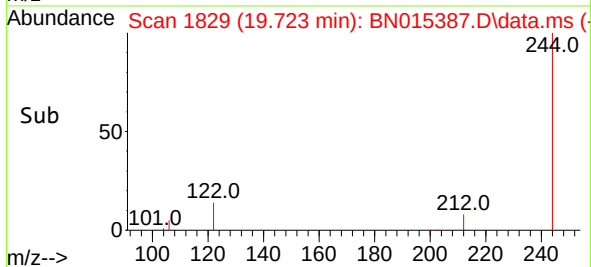
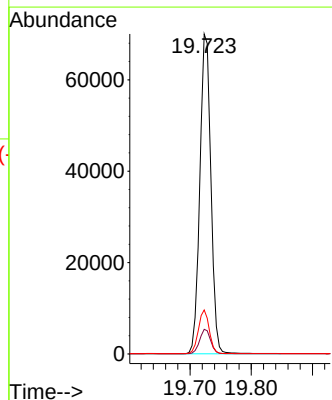
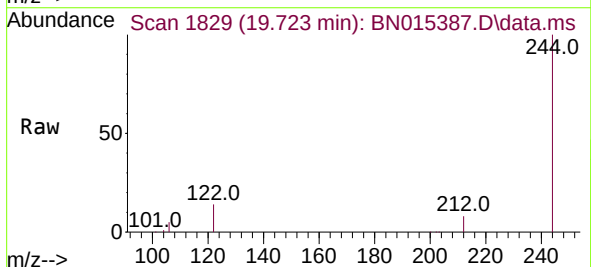
Instrument :
BNA_N
ClientSampleId :

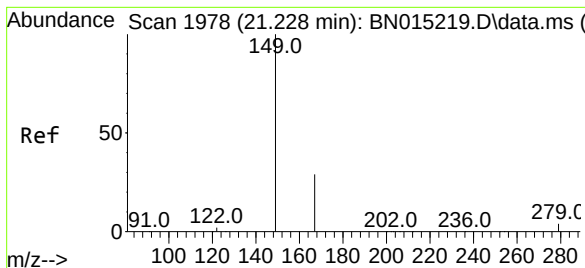
Tgt Ion:240 Resp: 80047
Ion Ratio Lower Upper
240 100
120 12.1 4.2 6.4#
236 26.8 21.4 32.2



#31
Terphenyl-d14
Concen: 0.47 ng
RT: 19.723 min Scan# 1829
Delta R.T. -0.005 min
Lab File: BN015387.D
Acq: 08 Jul 2021 01:07

Tgt Ion:244 Resp: 87480
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 13.7 6.2 9.2#

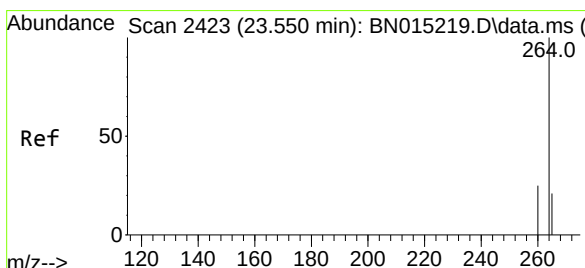
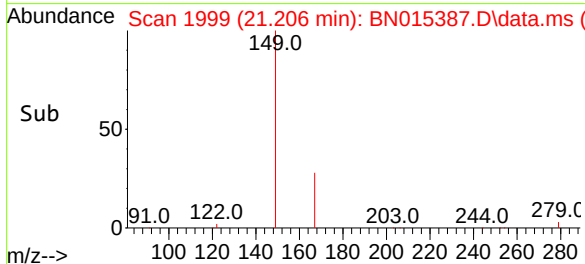
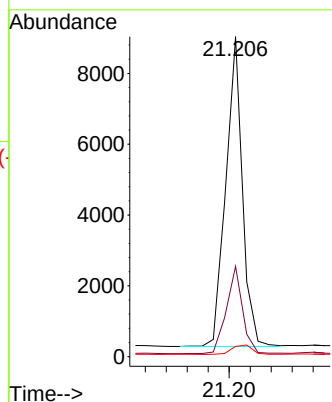
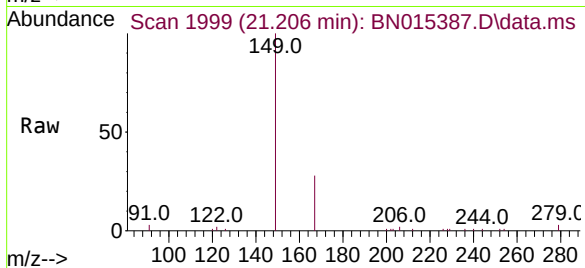




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.25 ng
 RT: 21.206 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: BN015387.D
 Acq: 08 Jul 2021 01:07

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149	Resp:	9601
Ion Ratio	Lower	Upper
149	100	
167	27.5	28.9 43.3#
279	3.6	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: BN015387.D
 Acq: 08 Jul 2021 01:07

Tgt Ion:264	Resp:	74419
Ion Ratio	Lower	Upper
264	100	
260	24.6	20.6 31.0
265	22.7	21.4 32.2

