

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062921\
 Data File : BN015212.D
 Acq On : 30 Jun 2021 07:10
 Operator : CG/JU
 Sample : M2783-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP03-20210617

Quant Time: Jun 30 08:37:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 29 19:13:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

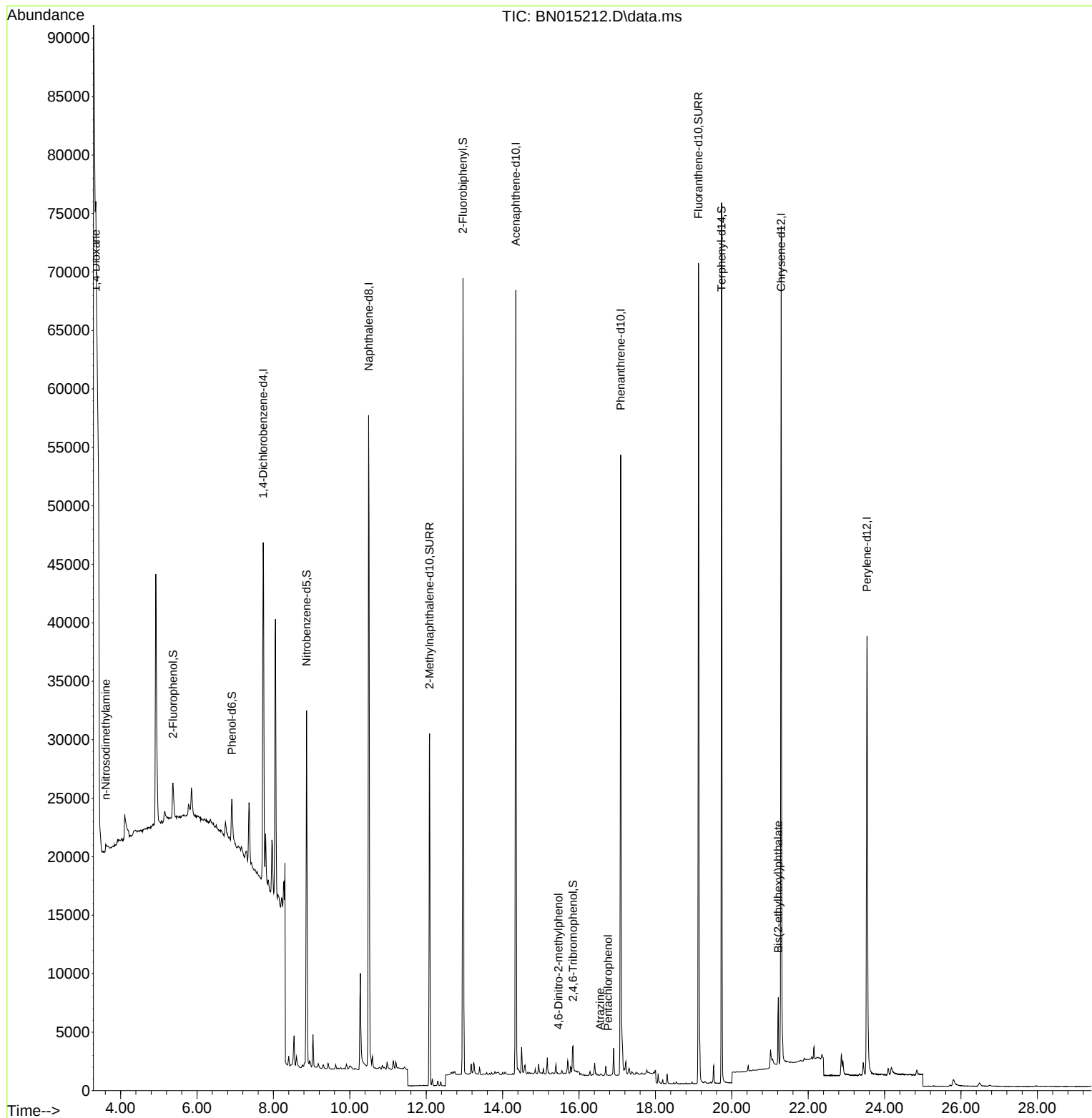
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	16854	0.40	ng	# 0.00
7) Naphthalene-d8	10.493	136	77411	0.40	ng	#-0.01
13) Acenaphthene-d10	14.346	164	35526	0.40	ng	0.00
19) Phenanthrene-d10	17.091	188	72031	0.40	ng	0.00
29) Chrysene-d12	21.292	240	66430	0.40	ng	#-0.01
35) Perylene-d12	23.540	264	53229	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.371	112	3894	0.11	ng	0.03
5) Phenol-d6	6.911	99	3655	0.07	ng	0.00
8) Nitrobenzene-d5	8.870	82	25353	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.088	152	40267	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	2372	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.963	172	60360	0.41	ng	-0.01
27) Fluoranthene-d10	19.128	212	78881	0.36	ng	0.00
31) Terphenyl-d14	19.734	244	69891	0.48	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	13635	2.79	ng	# 75
3) n-Nitrosodimethylamine	3.610	42	358	0.04	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.462	198	6	0.19	ng	# 5
23) Atrazine	16.556	200	36	0.17	ng	# 37
24) Pentachlorophenol	16.763	266	15	0.24	ng	# 40
34) Bis(2-ethylhexyl)phtha...	21.218	149	5671	0.31	ng	# 84

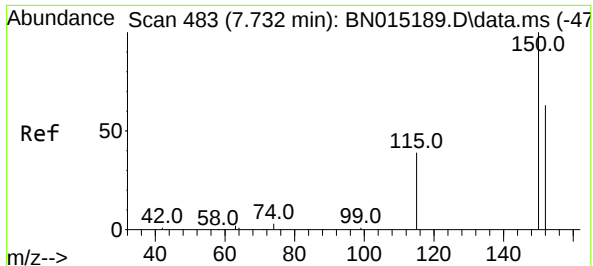
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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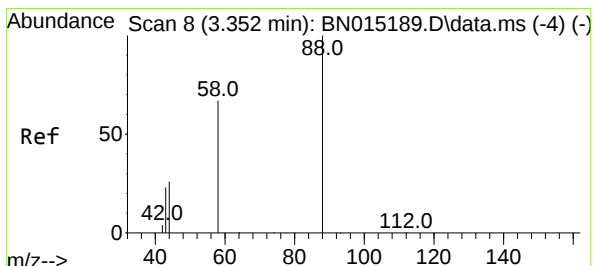
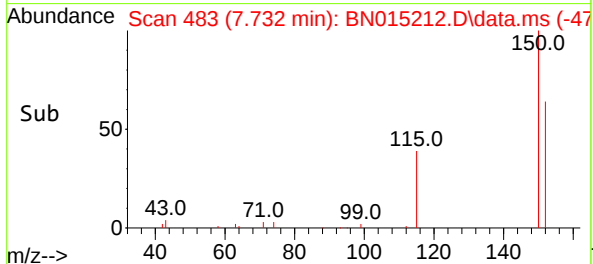
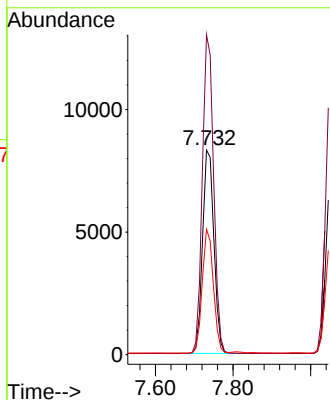
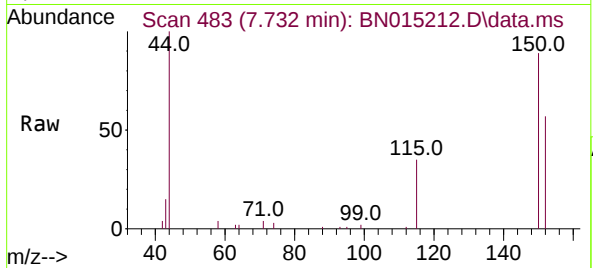




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.732 min Scan# 483
 Delta R.T. -0.000 min
 Lab File: BN015212.D
 Acq: 30 Jun 2021 07:10

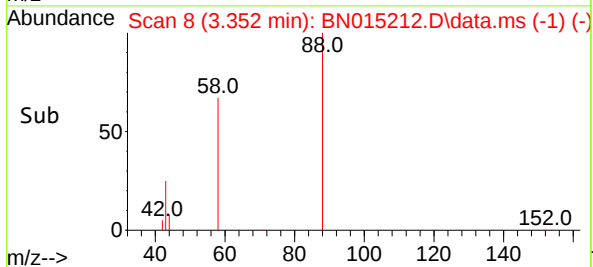
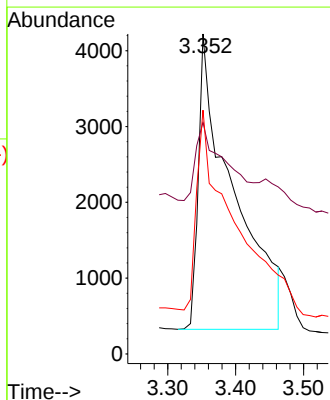
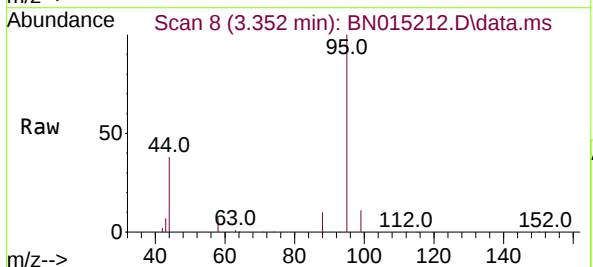
Instrument :
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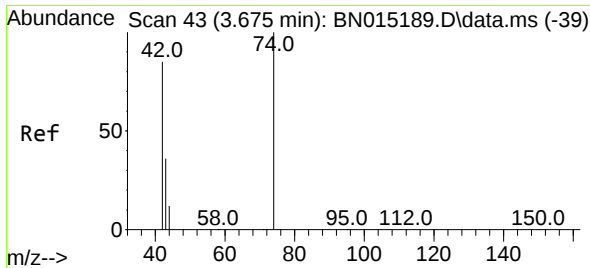
Tgt Ion:152 Resp: 16854
 Ion Ratio Lower Upper
 152 100
 150 156.4 119.0 178.6
 115 61.3 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 2.79 ng
 RT: 3.352 min Scan# 8
 Delta R.T. -0.000 min
 Lab File: BN015212.D
 Acq: 30 Jun 2021 07:10

Tgt Ion: 88 Resp: 13635
 Ion Ratio Lower Upper
 88 100
 43 22.0 12.9 19.3#
 58 67.1 38.1 57.1#

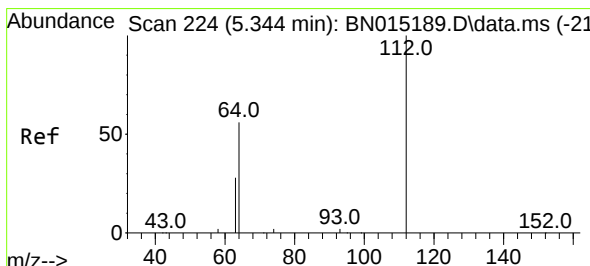
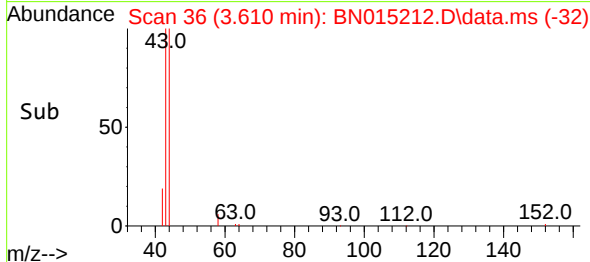
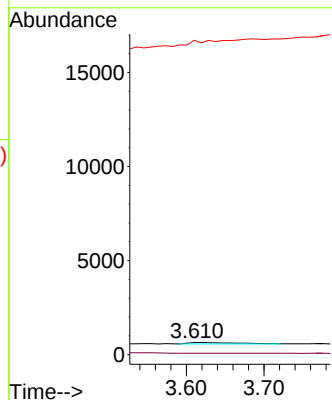
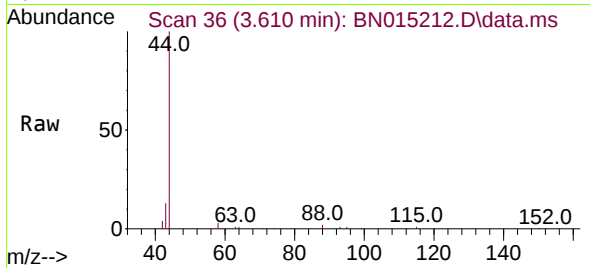




#3
n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 3.610 min Scan# 36
Delta R.T. -0.065 min
Lab File: BN015212.D
Acq: 30 Jun 2021 07:10

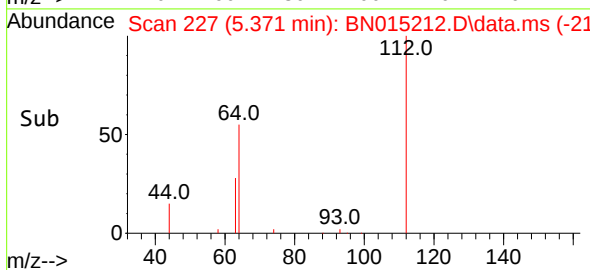
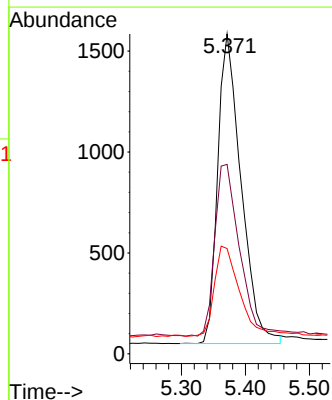
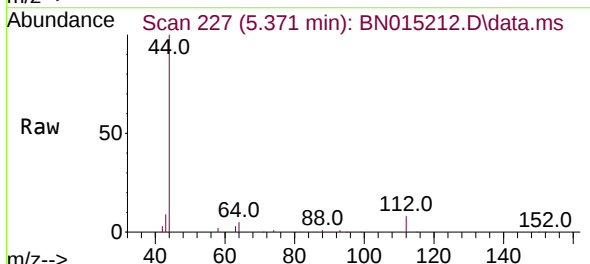
Instrument :
BNA_N
ClientSampleId :
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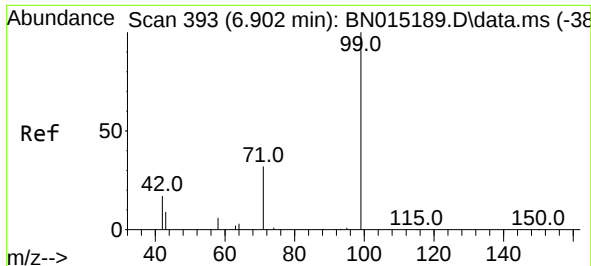
Tgt Ion: 42 Resp: 358
Ion Ratio Lower Upper
42 100
74 6.7 149.5 224.3#
44 0.0 4.2 6.2#



#4
2-Fluorophenol
Concen: 0.11 ng
RT: 5.371 min Scan# 227
Delta R.T. 0.028 min
Lab File: BN015212.D
Acq: 30 Jun 2021 07:10

Tgt Ion: 112 Resp: 3894
Ion Ratio Lower Upper
112 100
64 58.6 39.0 58.6
63 31.3 20.6 30.8#

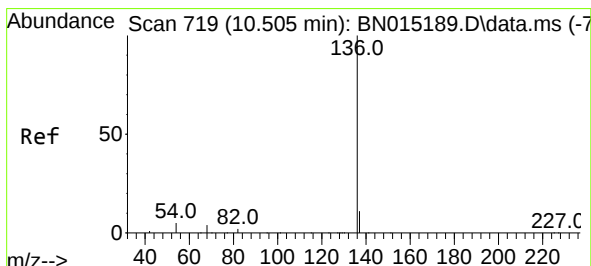
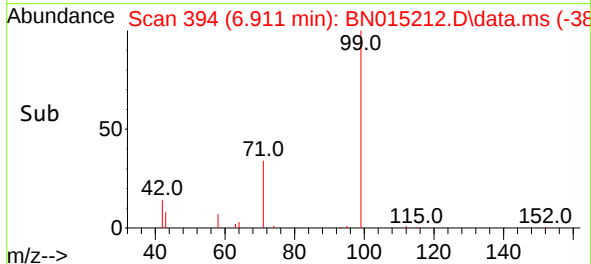
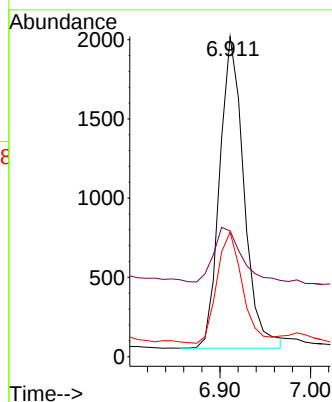
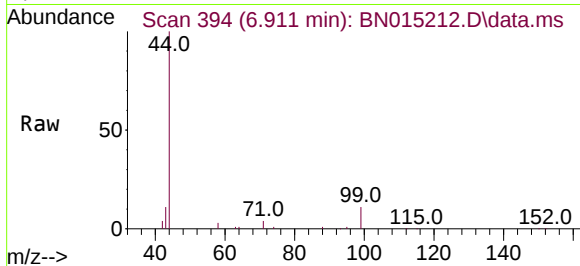




#5
Phenol-d6
Concen: 0.07 ng
RT: 6.911 min Scan# 394
Delta R.T. 0.009 min
Lab File: BN015212.D
Acq: 30 Jun 2021 07:10

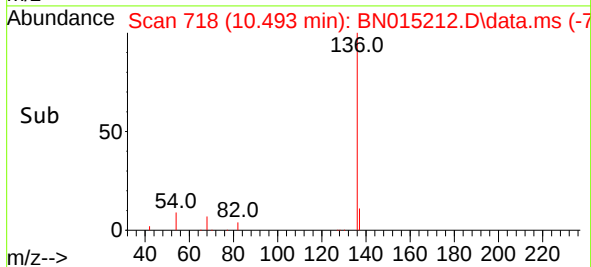
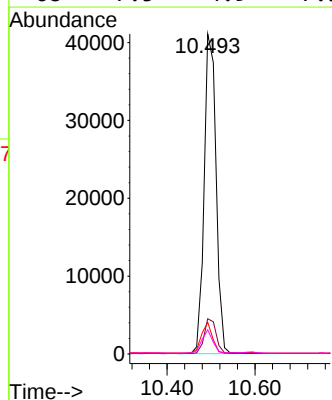
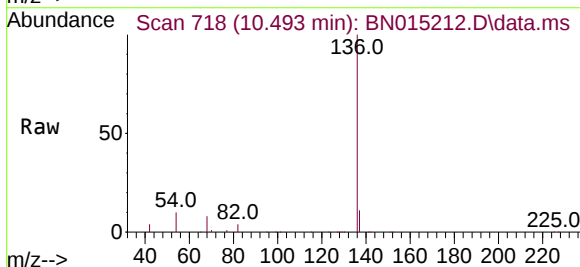
Instrument :
BNA_N
ClientSampleId :
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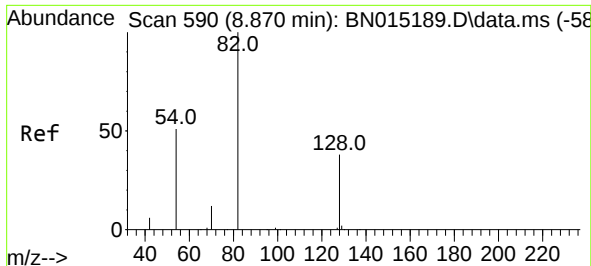
Tgt Ion: 99 Resp: 3655
Ion Ratio Lower Upper
99 100
42 19.8 8.9 13.3#
71 37.5 35.6 53.4



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.493 min Scan# 718
Delta R.T. -0.013 min
Lab File: BN015212.D
Acq: 30 Jun 2021 07:10

Tgt Ion: 136 Resp: 77411
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.8
54 9.9 5.4 8.2#
68 7.5 4.9 7.3#

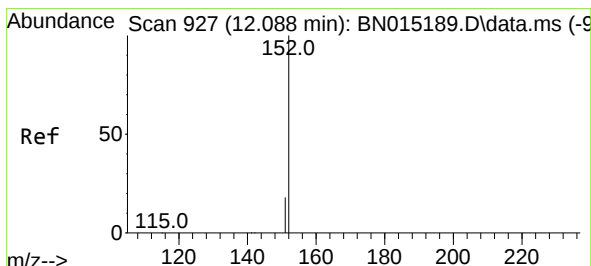
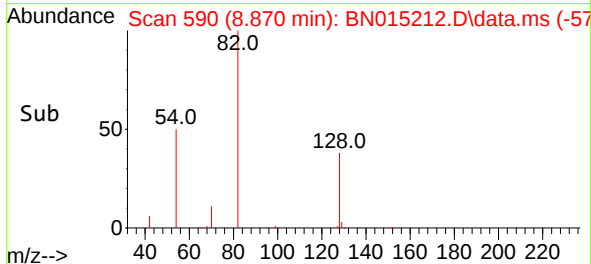
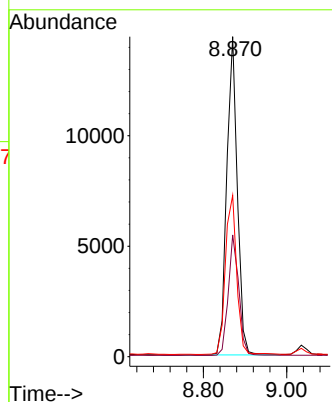
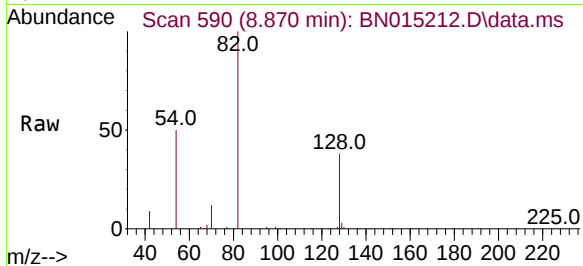




#8
Nitrobenzene-d5
Concen: 0.36 ng
RT: 8.870 min Scan# 590
Delta R.T. -0.000 min
Lab File: BN015212.D
Acq: 30 Jun 2021 07:10

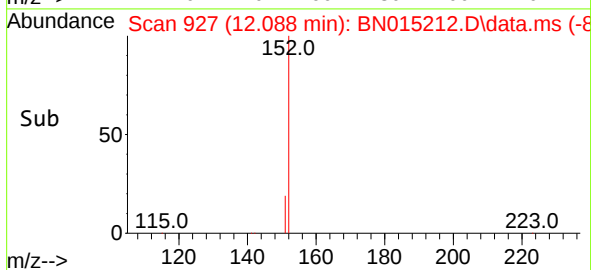
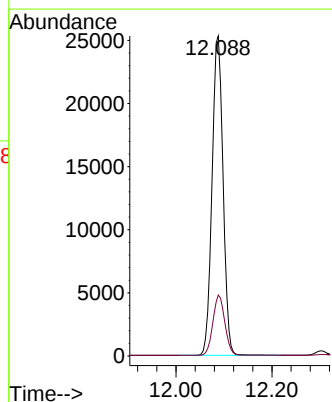
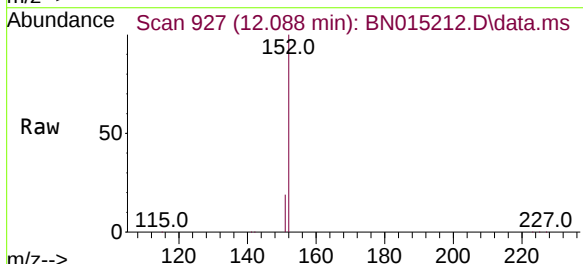
Instrument :
BNA_N
ClientSampleId :
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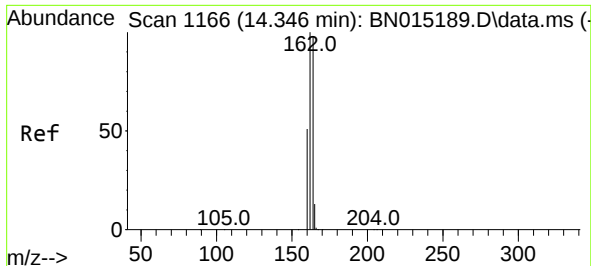
Tgt Ion: 82 Resp: 25353
Ion Ratio Lower Upper
82 100
128 38.1 31.6 47.4
54 50.4 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.088 min Scan# 927
Delta R.T. -0.000 min
Lab File: BN015212.D
Acq: 30 Jun 2021 07:10

Tgt Ion: 152 Resp: 40267
Ion Ratio Lower Upper
152 100
151 20.4 16.7 25.1

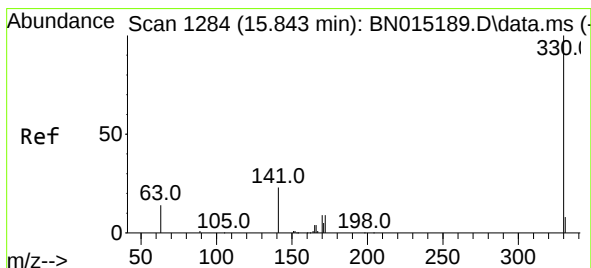
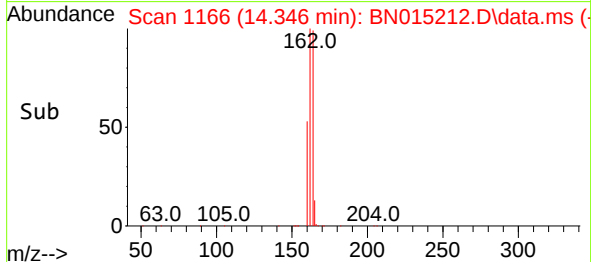
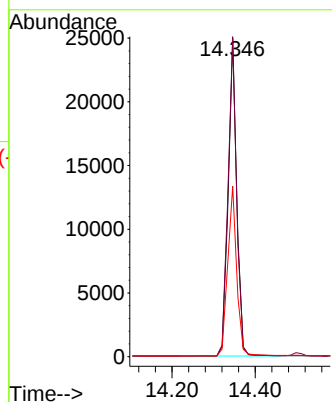
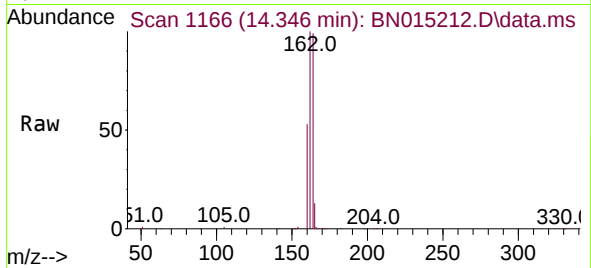




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.346 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BN015212.D
Acq: 30 Jun 2021 07:10

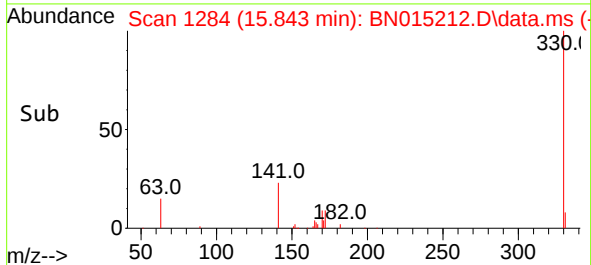
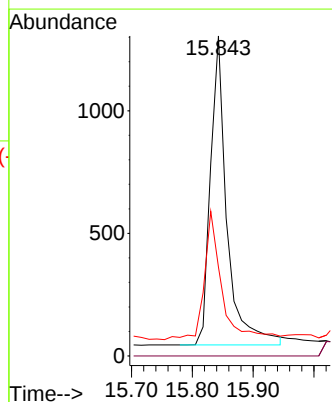
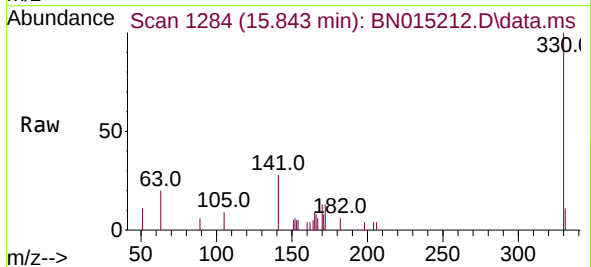
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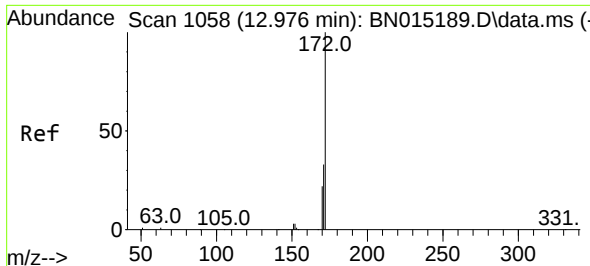
Tgt Ion:164 Resp: 35526
Ion Ratio Lower Upper
164 100
162 100.5 83.8 125.6
160 53.6 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.34 ng
RT: 15.843 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN015212.D
Acq: 30 Jun 2021 07:10

Tgt Ion:330 Resp: 2372
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.5 22.4 33.6#

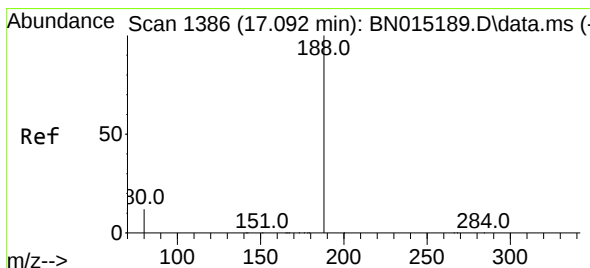
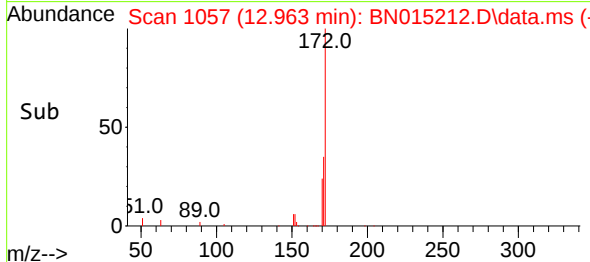
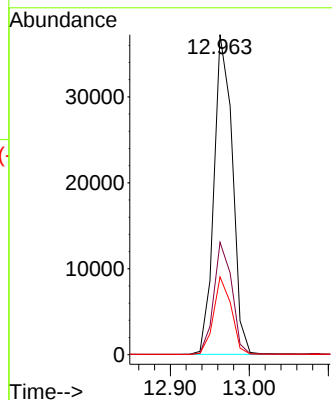
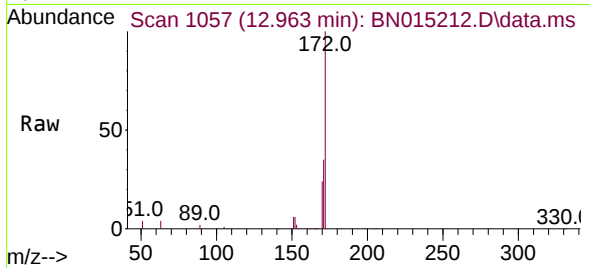




#15
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 12.963 min Scan# 1057
Delta R.T. -0.013 min
Lab File: BN015212.D
Acq: 30 Jun 2021 07:10

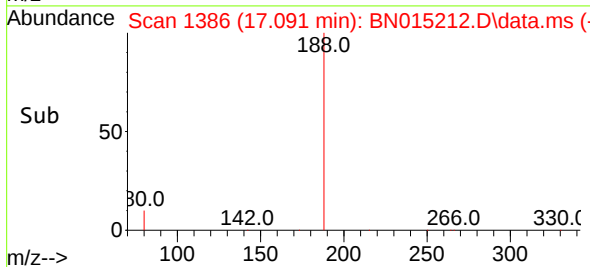
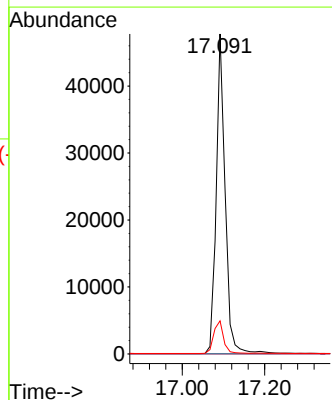
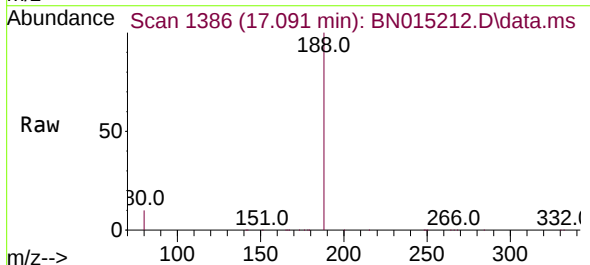
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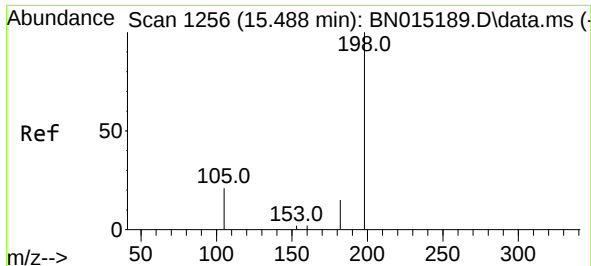
Tgt Ion:172	Resp:	60360
Ion Ratio	Lower	Upper
172	100	
171	35.1	30.6 45.8
170	24.3	20.2 30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.091 min Scan# 1386
Delta R.T. -0.001 min
Lab File: BN015212.D
Acq: 30 Jun 2021 07:10

Tgt Ion:188	Resp:	72031
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	10.3	9.0 13.4

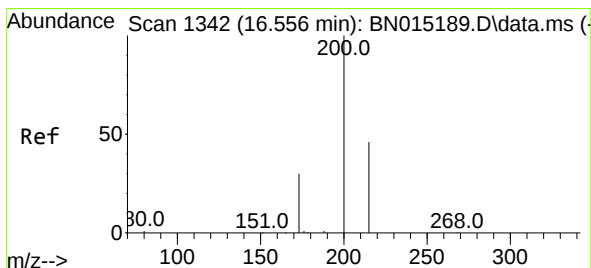
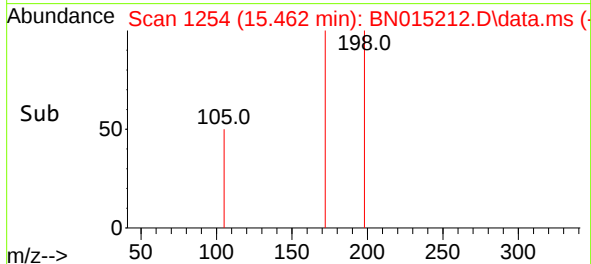
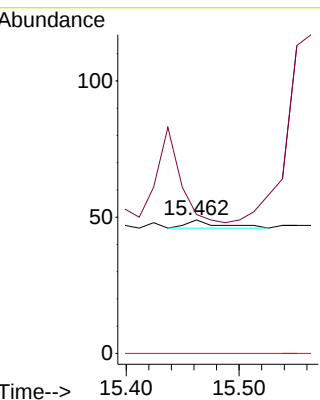
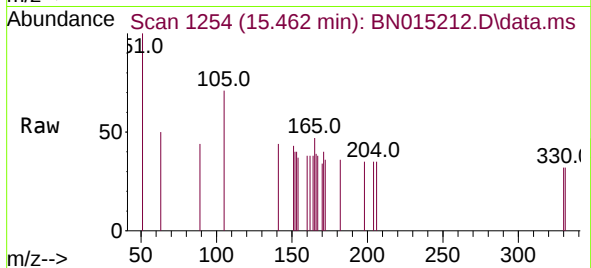




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.462 min Scan# 1254
Delta R.T. -0.026 min
Lab File: BN015212.D
Acq: 30 Jun 2021 07:10

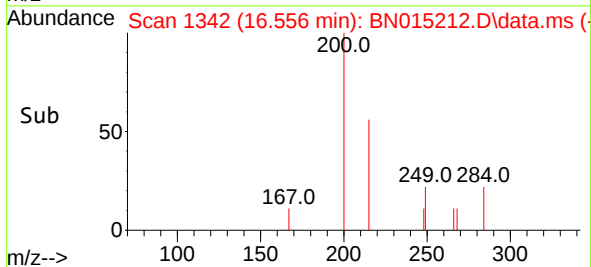
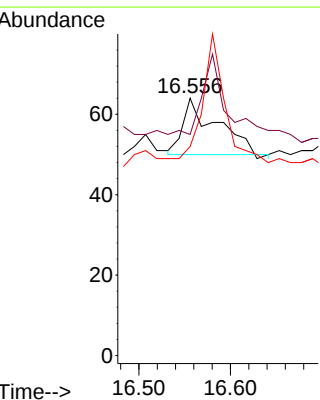
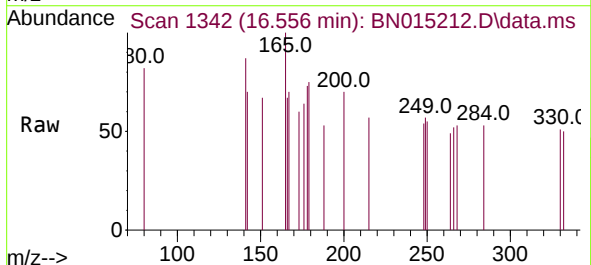
Instrument :
BNA_N
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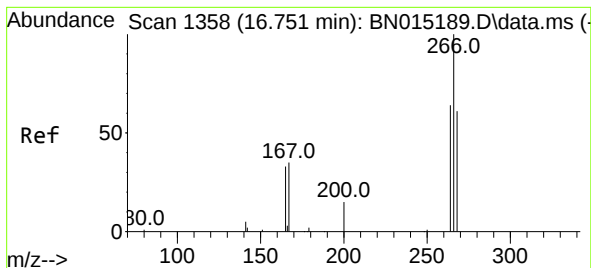
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
182 104.1 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.17 ng
RT: 16.556 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BN015212.D
Acq: 30 Jun 2021 07:10

Tgt Ion:200 Resp: 36
Ion Ratio Lower Upper
200 100
173 85.9 21.7 32.5#
215 81.3 43.1 64.7#

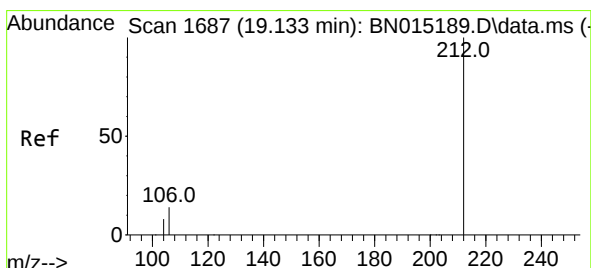
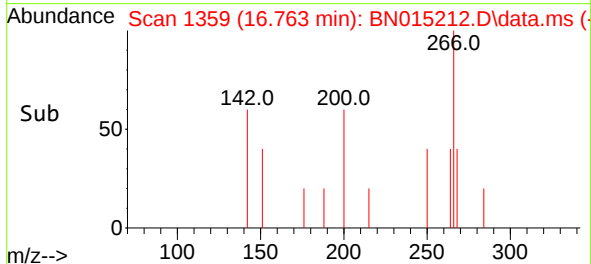
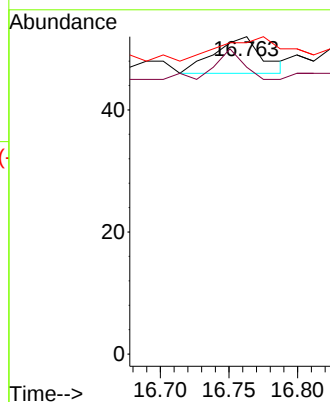
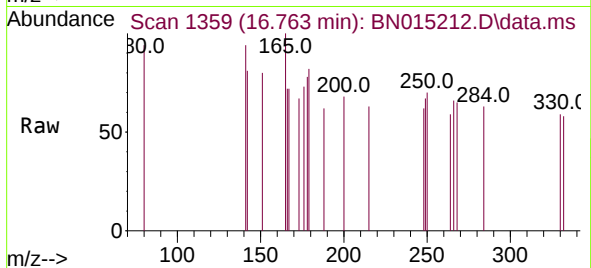




#24
Pentachlorophenol
Concen: 0.24 ng
RT: 16.763 min Scan# 1359
Delta R.T. 0.012 min
Lab File: BN015212.D
Acq: 30 Jun 2021 07:10

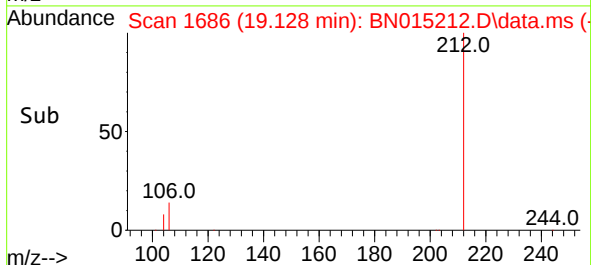
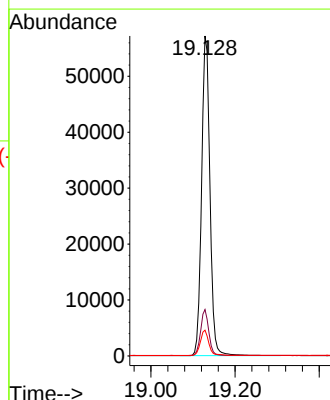
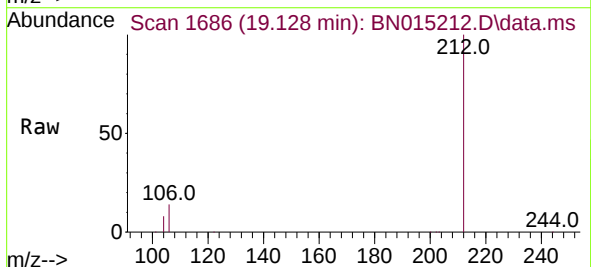
Instrument :
BNA_N
ClientSampleId :
DUP03-20210617

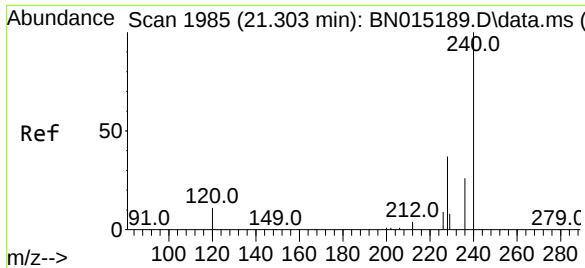
Tgt Ion:	266	Resp:	15
Ion Ratio	Lower	Upper	
266	100		
264	0.0	51.0	76.4#
268	93.3	50.6	76.0#



#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 19.128 min Scan# 1686
Delta R.T. -0.005 min
Lab File: BN015212.D
Acq: 30 Jun 2021 07:10

Tgt Ion:	212	Resp:	78881
Ion Ratio	Lower	Upper	
212	100		
106	14.1	7.0	10.6#
104	8.0	4.1	6.1#

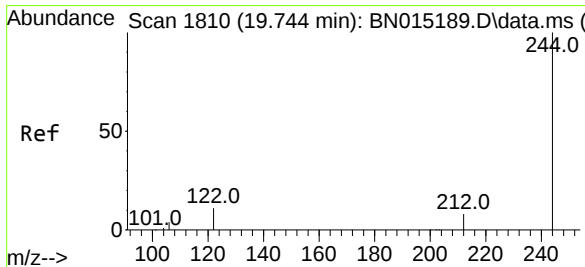
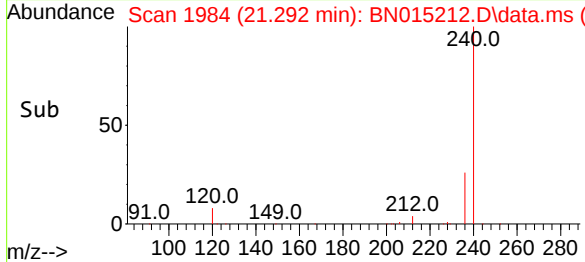
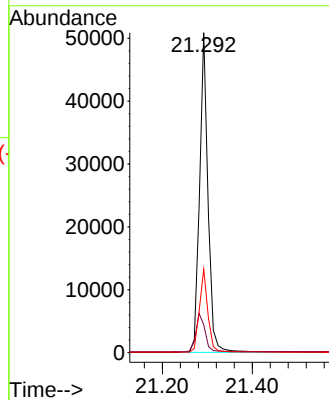
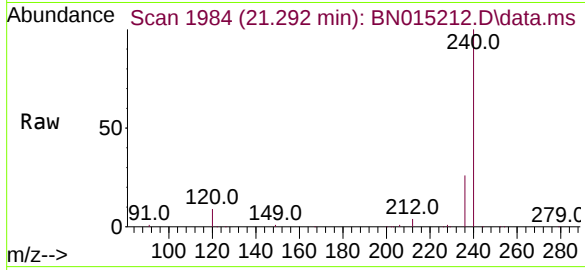




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.292 min Scan# 1984
Delta R.T. -0.011 min
Lab File: BN015212.D
Acq: 30 Jun 2021 07:10

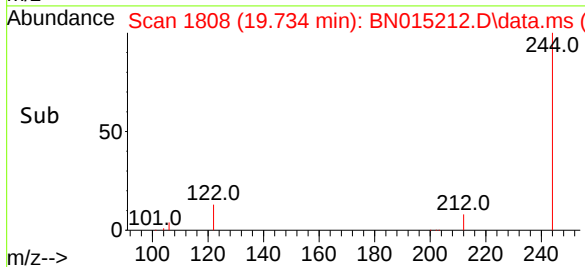
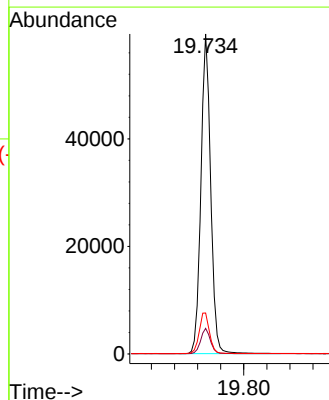
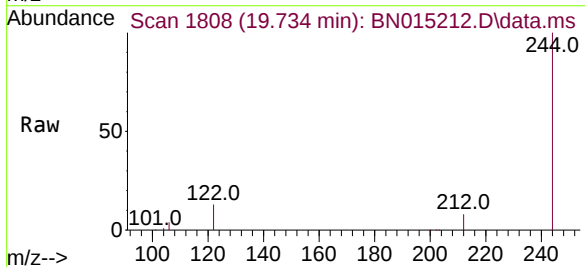
Instrument :
BNA_N
ClientSampleId :
DUP03-20210617

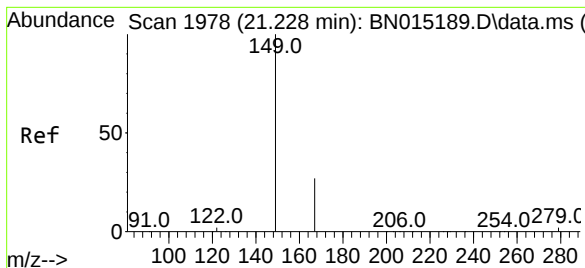
Tgt Ion:240 Resp: 66430
Ion Ratio Lower Upper
240 100
120 8.7 4.2 6.4#
236 26.1 21.4 32.2



#31
Terphenyl-d14
Concen: 0.48 ng
RT: 19.734 min Scan# 1808
Delta R.T. -0.010 min
Lab File: BN015212.D
Acq: 30 Jun 2021 07:10

Tgt Ion:244 Resp: 69891
Ion Ratio Lower Upper
244 100
212 8.0 6.3 9.5
122 12.8 6.2 9.2#

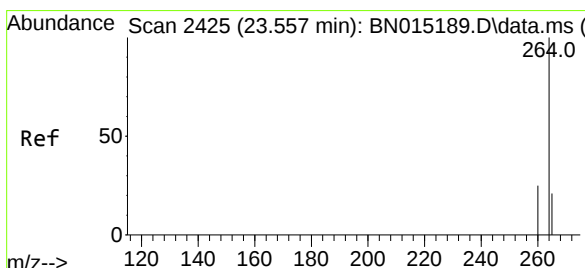
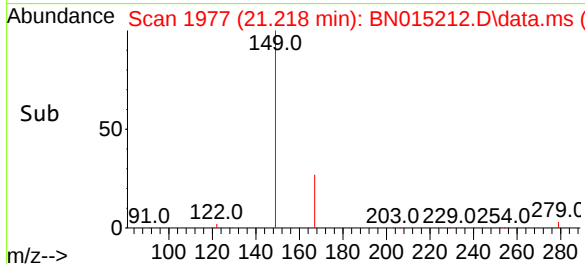
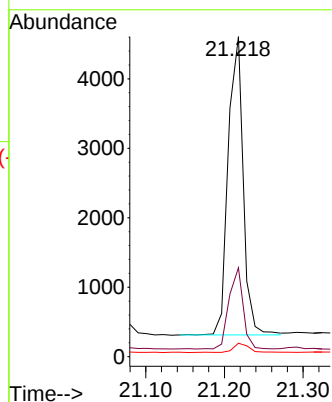
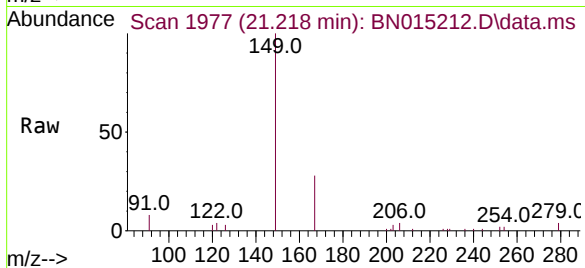




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.31 ng
RT: 21.218 min Scan# 1977
Delta R.T. -0.010 min
Lab File: BN015212.D
Acq: 30 Jun 2021 07:10

Instrument :
BNA_N
ClientSampleId :
DUP03-20210617

Tgt Ion:149 Resp: 5671
Ion Ratio Lower Upper
149 100
167 25.7 28.9 43.3#
279 3.2 4.9 7.3#



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.540 min Scan# 2420
Delta R.T. -0.017 min
Lab File: BN015212.D
Acq: 30 Jun 2021 07:10

Tgt Ion:264 Resp: 53229
Ion Ratio Lower Upper
264 100
260 25.0 20.6 31.0
265 23.3 21.4 32.2

