

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092221\
 Data File : BN016408.D
 Acq On : 22 Sep 2021 12:23
 Operator : CG/JU
 Sample : M3781-11DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20210916DL

Quant Time: Sep 22 12:54:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 21 13:21:55 2021
 Response via : Initial Calibration

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

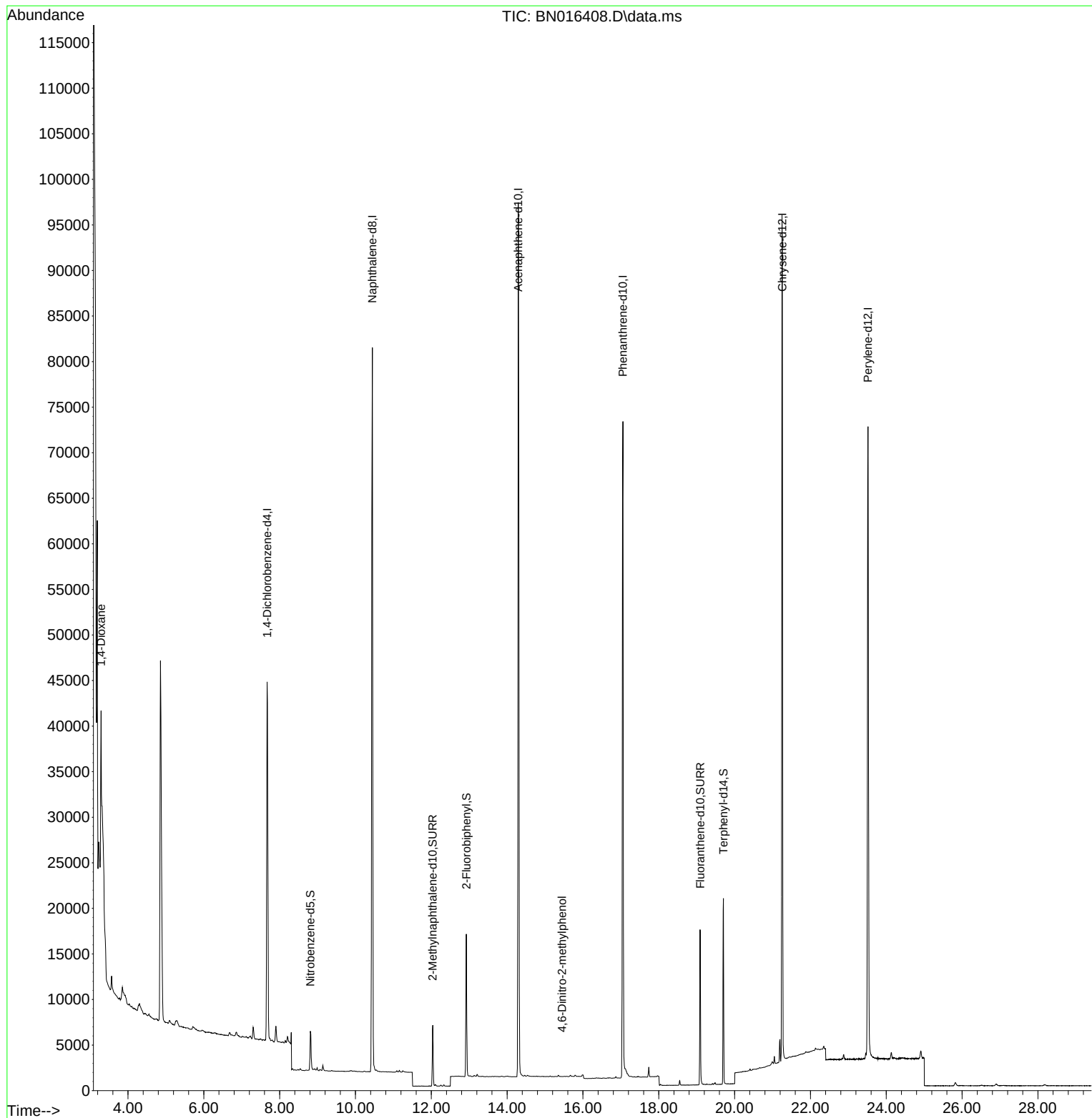
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	24605	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	108036	0.400	ng	0.00
13) Acenaphthene-d10	14.294	164	57481	0.400	ng	-0.01
19) Phenanthrene-d10	17.054	188	112638	0.400	ng	# 0.00
29) Chrysene-d12	21.259	240	99907	0.400	ng	# 0.00
35) Perylene-d12	23.519	264	92218	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	553	0.009	ng	0.02
5) Phenol-d6	6.859	99	458	0.006	ng	0.00
8) Nitrobenzene-d5	8.810	82	3887	0.061	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	9127	0.054	ng	0.00
14) 2,4,6-Tribromophenol	15.804	330	113	0.007	ng	0.01
15) 2-Fluorobiphenyl	12.924	172	13423	0.060	ng	0.00
27) Fluoranthene-d10	19.093	212	20144	0.062	ng	0.00
31) Terphenyl-d14	19.703	244	20373	0.088	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.290	88	11544	1.128	ng	# 86
20) 4,6-Dinitro-2-methylph...	15.449	198	15	0.148	ng	# 1

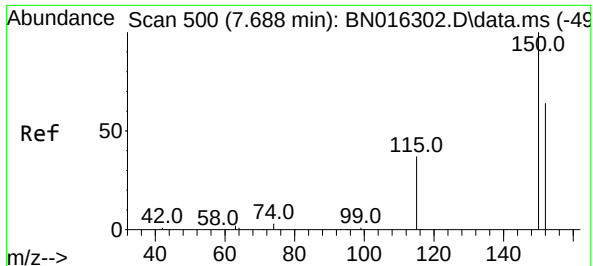
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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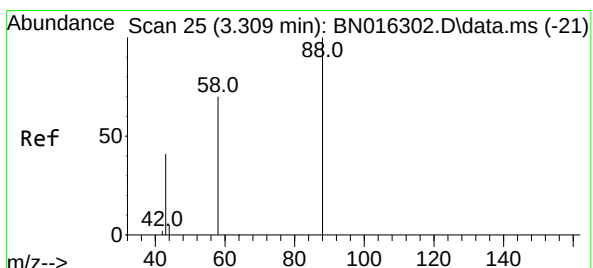
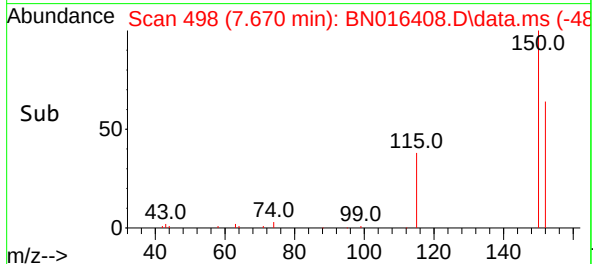
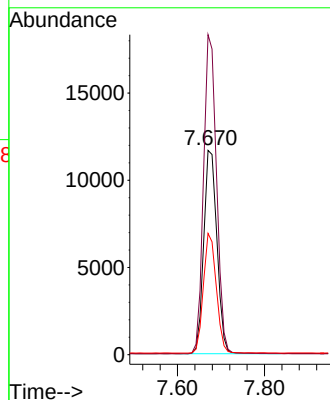
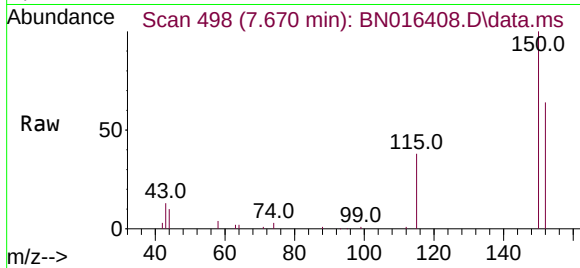




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.670 min Scan# 498
 Delta R.T. 0.000 min
 Lab File: BN016408.D
 Acq: 22 Sep 2021 12:23

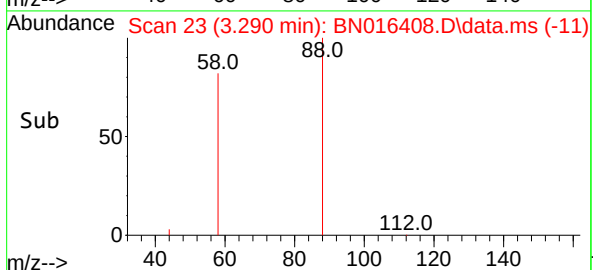
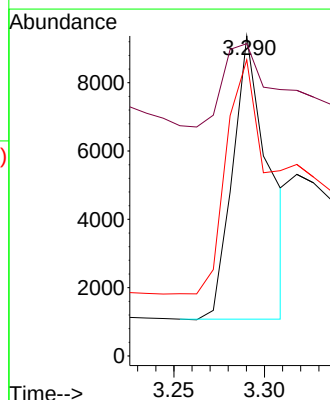
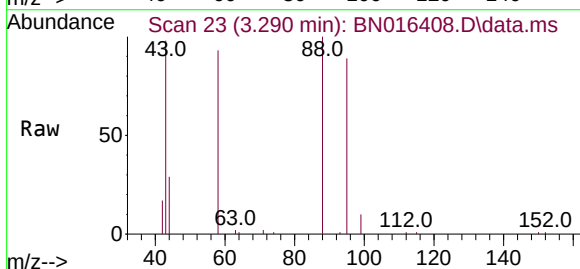
Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20210916DL

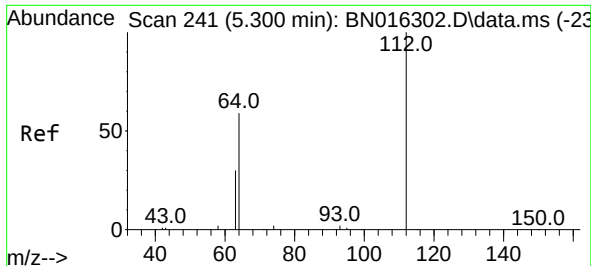
Tgt Ion:152 Resp: 24605
 Ion Ratio Lower Upper
 152 100
 150 156.6 125.6 188.4
 115 59.4 50.2 75.2



#2
 1,4-Dioxane
 Concen: 1.128 ng
 RT: 3.290 min Scan# 23
 Delta R.T. 0.010 min
 Lab File: BN016408.D
 Acq: 22 Sep 2021 12:23

Tgt Ion: 88 Resp: 11544
 Ion Ratio Lower Upper
 88 100
 43 40.3 20.3 30.5#
 58 95.8 69.9 104.9

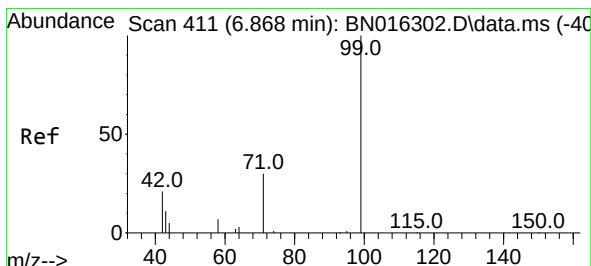
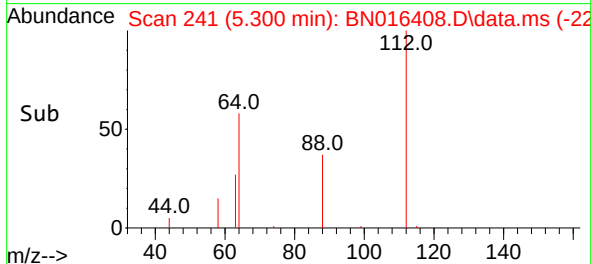
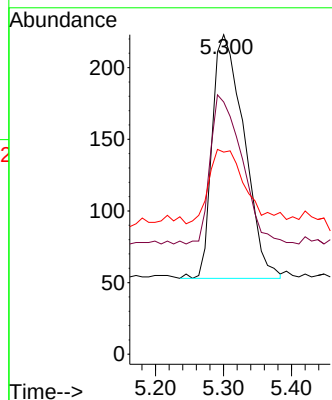
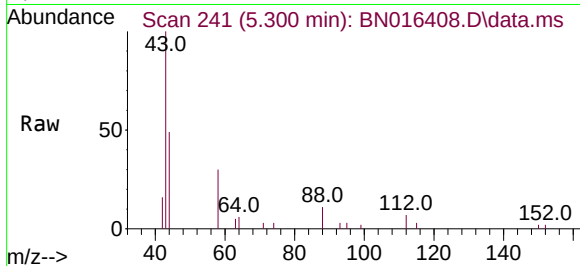




#4
2-Fluorophenol
Concen: 0.009 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016408.D
Acq: 22 Sep 2021 12:23

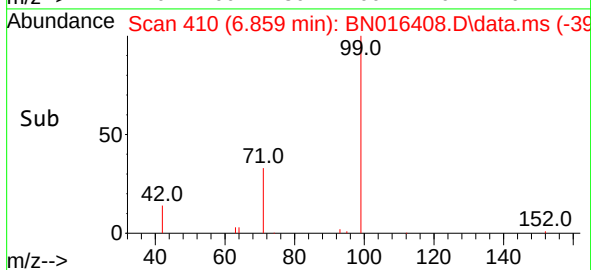
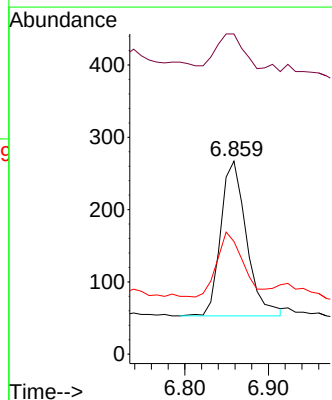
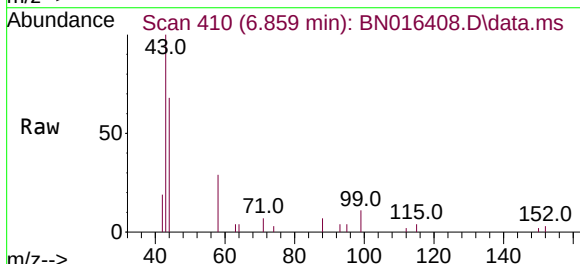
Instrument :
BNA_N
ClientSampleId :
RE134D2-20210916DL

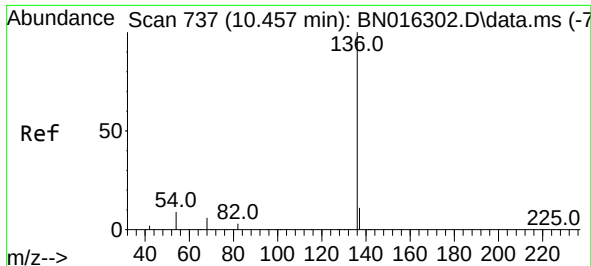
Tgt Ion: 112 Resp: 553
Ion Ratio Lower Upper
112 100
64 60.8 47.3 70.9
63 35.4 23.4 35.0#



#5
Phenol-d6
Concen: 0.006 ng
RT: 6.859 min Scan# 410
Delta R.T. 0.010 min
Lab File: BN016408.D
Acq: 22 Sep 2021 12:23

Tgt Ion: 99 Resp: 458
Ion Ratio Lower Upper
99 100
42 22.1 14.0 21.0#
71 42.6 23.8 35.6#

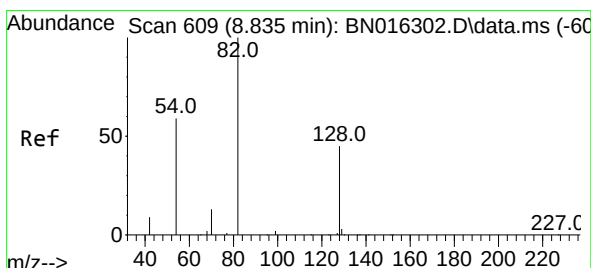
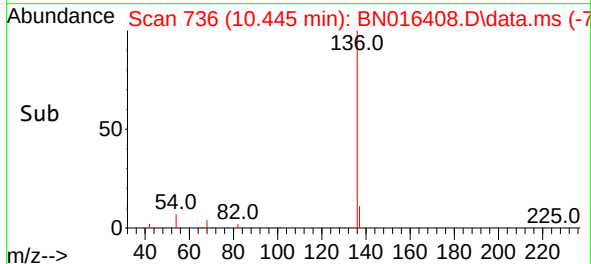
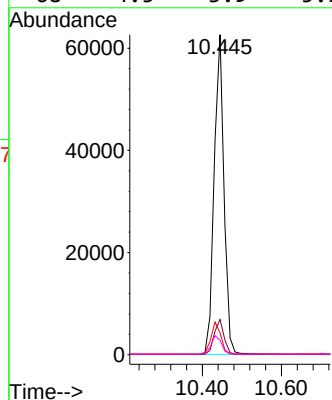
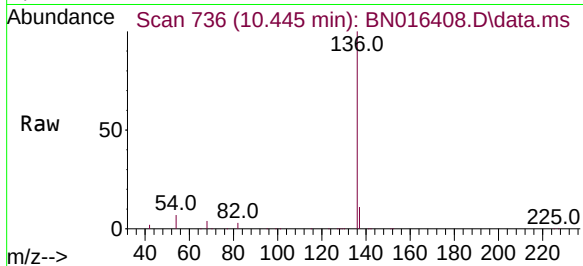




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 736
Delta R.T. 0.000 min
Lab File: BN016408.D
Acq: 22 Sep 2021 12:23

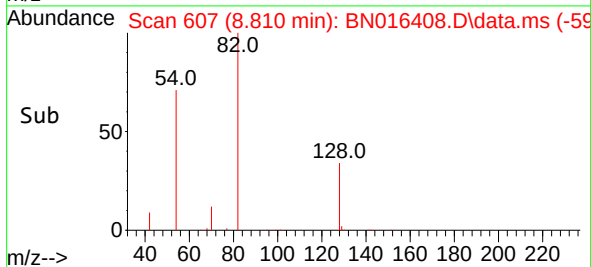
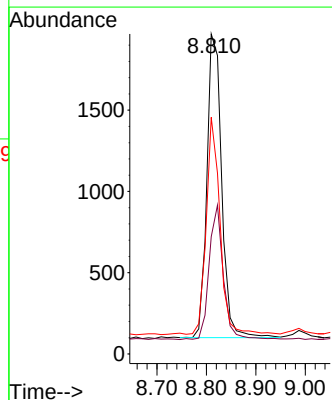
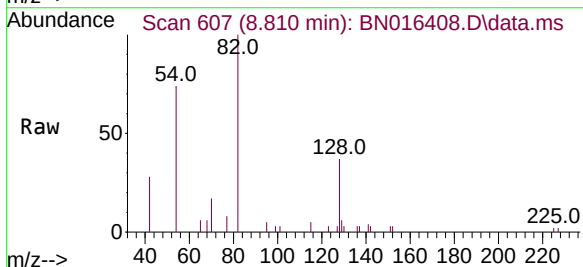
Instrument :
BNA_N
ClientSampleId :
RE134D2-20210916DL

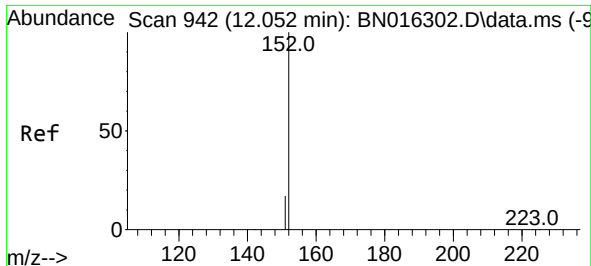
Tgt Ion:	136	Resp:	108036
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	6.8	5.3	7.9
68	4.5	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.061 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016408.D
Acq: 22 Sep 2021 12:23

Tgt Ion:	82	Resp:	3887
Ion Ratio	Lower	Upper	
82	100		
128	36.7	31.7	47.5
54	73.9	46.4	69.6#

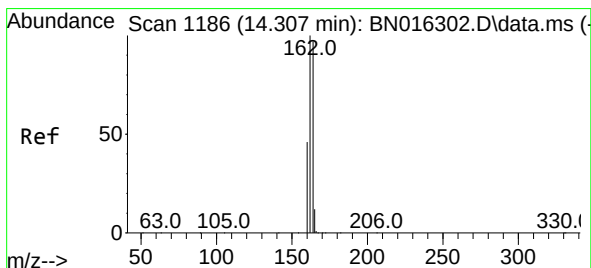
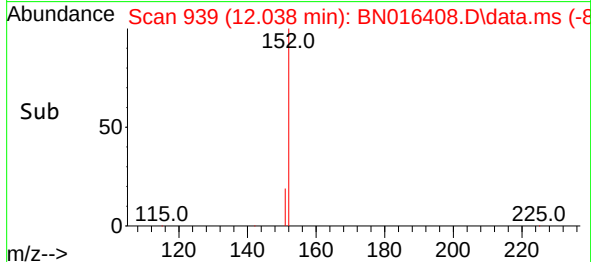
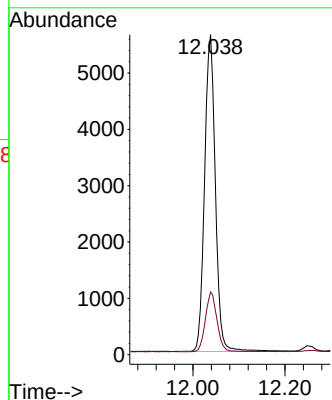
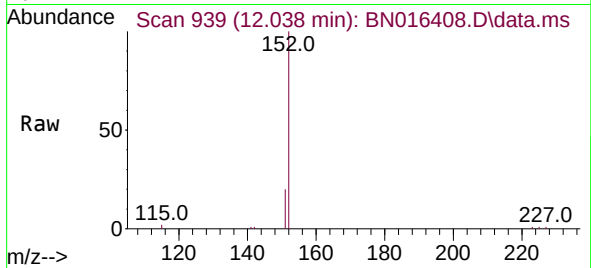




#11
2-Methylnaphthalene-d10
Concen: 0.054 ng
RT: 12.038 min Scan# 939
Delta R.T. 0.000 min
Lab File: BN016408.D
Acq: 22 Sep 2021 12:23

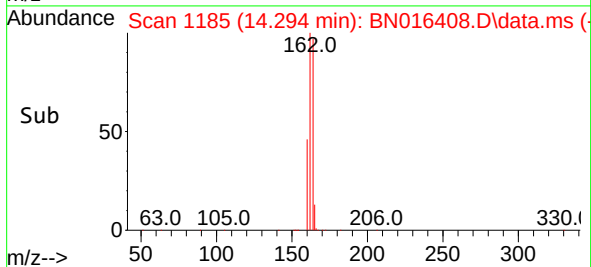
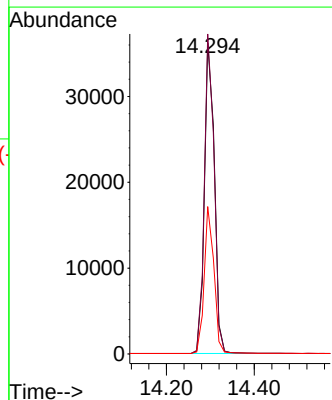
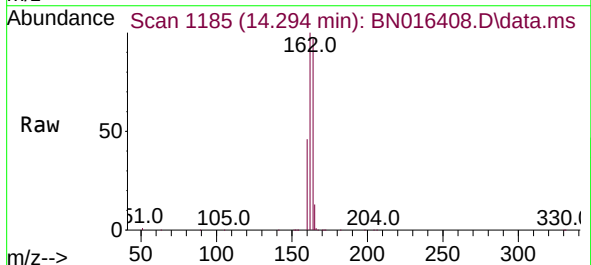
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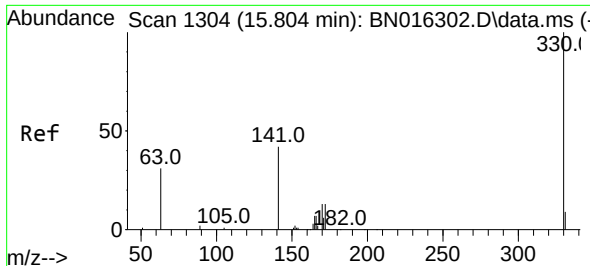
Tgt Ion:152 Resp: 9127
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.012 min
Lab File: BN016408.D
Acq: 22 Sep 2021 12:23

Tgt Ion:164 Resp: 57481
Ion Ratio Lower Upper
164 100
162 102.9 79.0 118.4
160 47.4 34.1 51.1

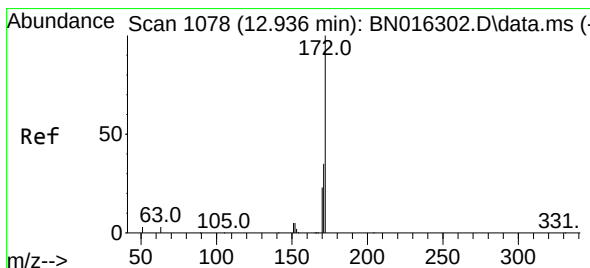
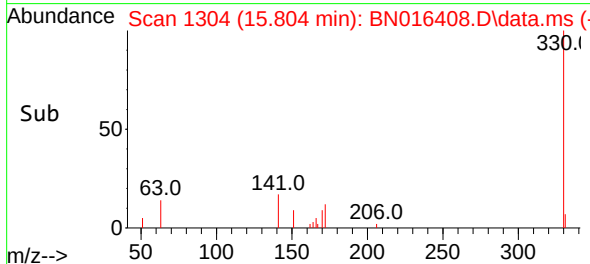
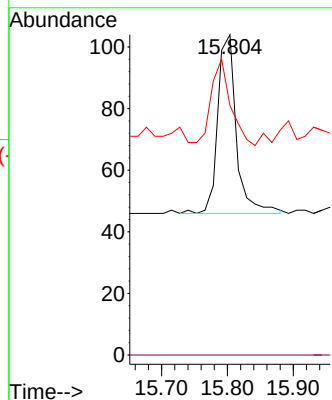
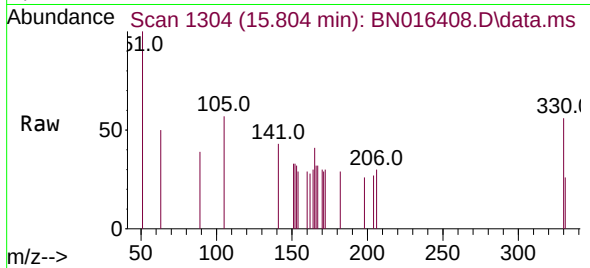




#14
2,4,6-Tribromophenol
Concen: 0.007 ng
RT: 15.804 min Scan# 1304
Delta R.T. 0.013 min
Lab File: BN016408.D
Acq: 22 Sep 2021 12:23

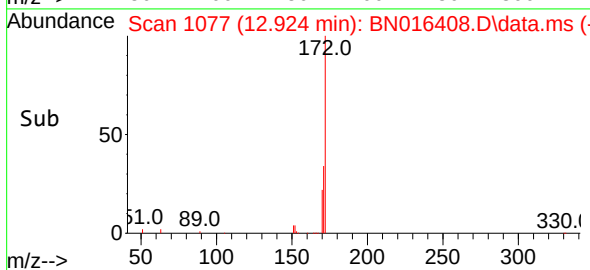
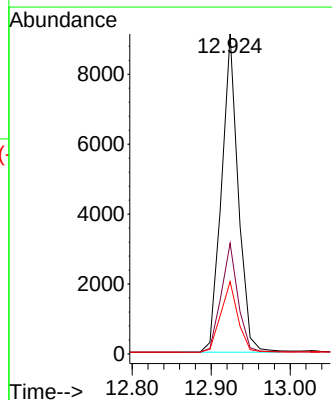
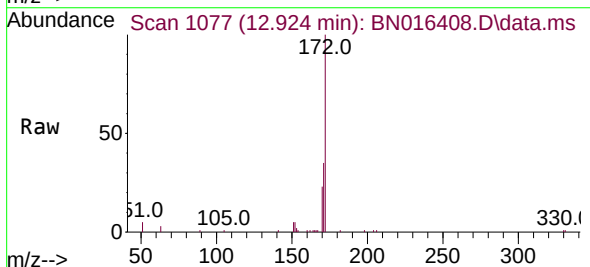
Instrument :
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ClientSampleId :
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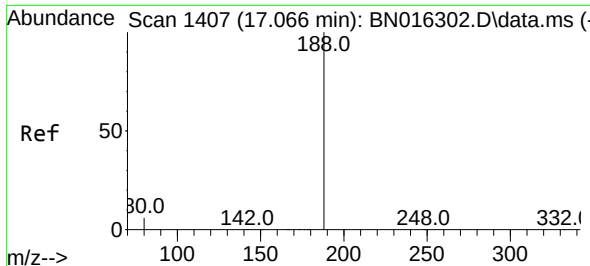
Tgt Ion: 330 Resp: 113
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 50.4 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.060 ng
RT: 12.924 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BN016408.D
Acq: 22 Sep 2021 12:23

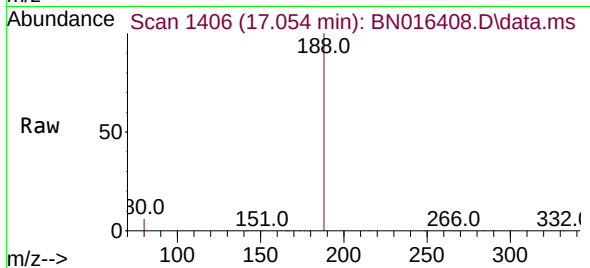
Tgt Ion: 172 Resp: 13423
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 22.6 18.2 27.2



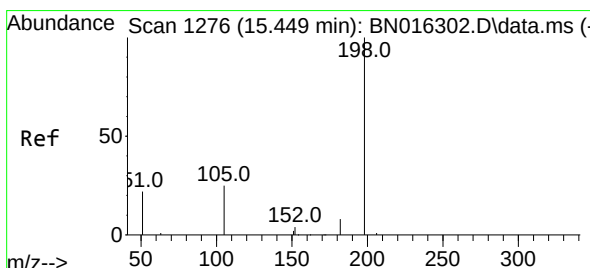
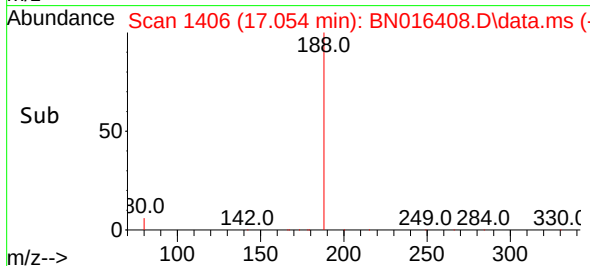
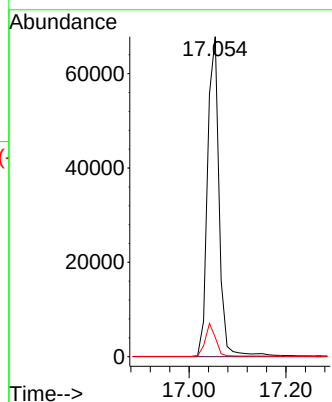


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.054 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BN016408.D
Acq: 22 Sep 2021 12:23

Instrument :
BNA_N
ClientSampleId :
RE134D2-20210916DL

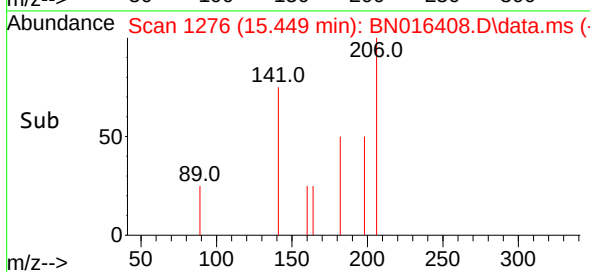
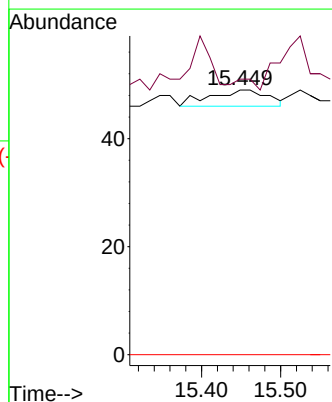
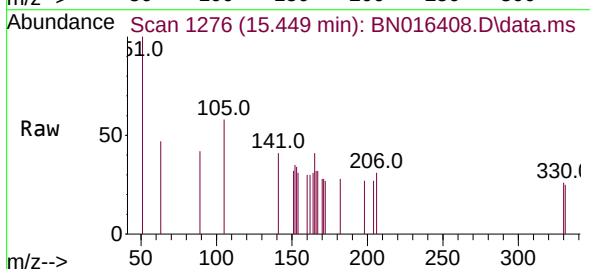


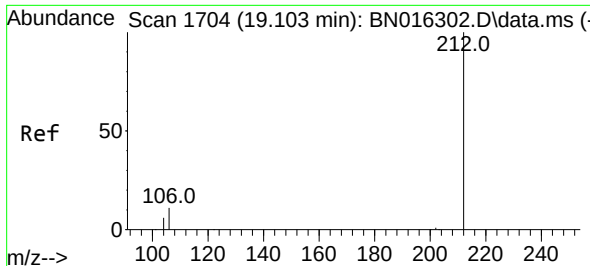
Tgt Ion:188 Resp: 112638
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.0 7.0 10.6#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.449 min Scan# 1276
Delta R.T. 0.013 min
Lab File: BN016408.D
Acq: 22 Sep 2021 12:23

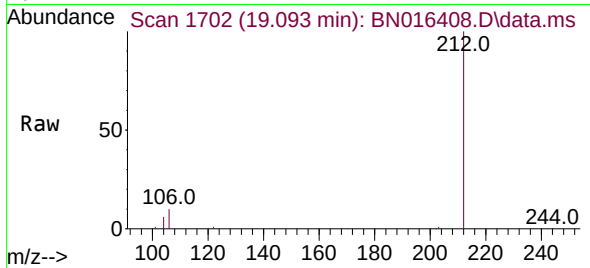
Tgt Ion:198 Resp: 15
Ion Ratio Lower Upper
198 100
182 104.1 26.6 39.8#
77 0.0 0.0 0.0



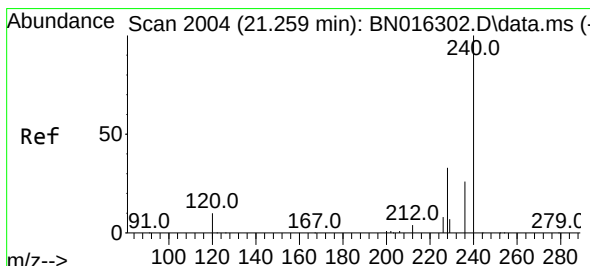
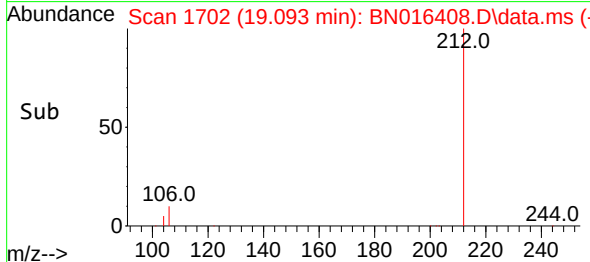
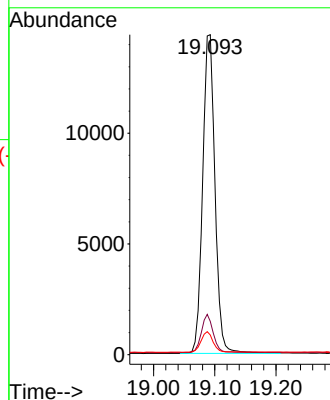


#27
Fluoranthene-d10
Concen: 0.062 ng
RT: 19.093 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN016408.D
Acq: 22 Sep 2021 12:23

Instrument :
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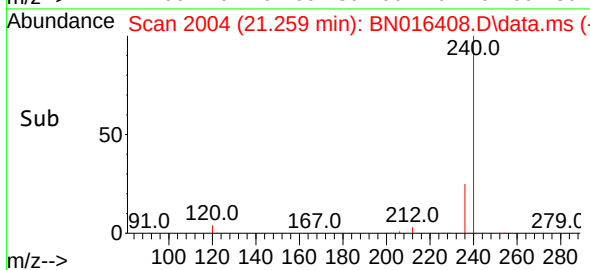
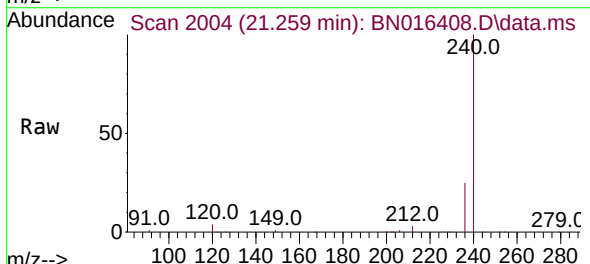
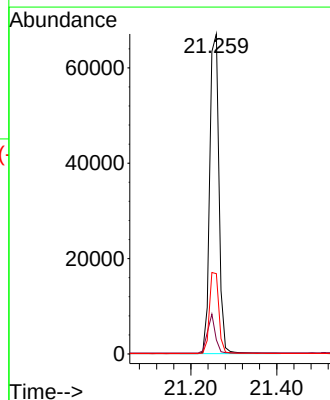


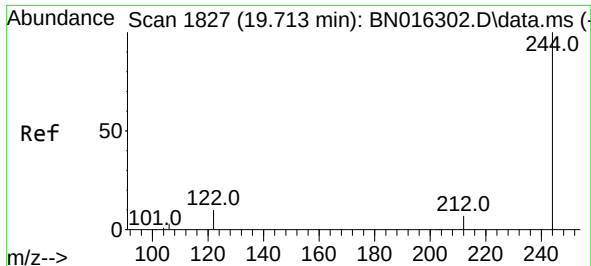
Tgt Ion:212 Resp: 20144
Ion Ratio Lower Upper
212 100
106 11.4 9.8 14.6
104 6.5 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BN016408.D
Acq: 22 Sep 2021 12:23

Tgt Ion:240 Resp: 99907
Ion Ratio Lower Upper
240 100
120 4.4 5.3 7.9#
236 25.1 19.8 29.8

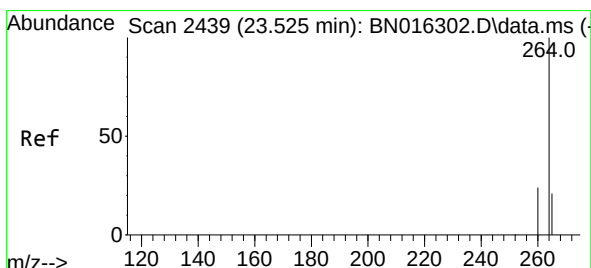
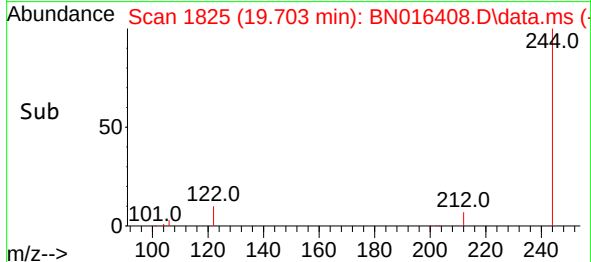
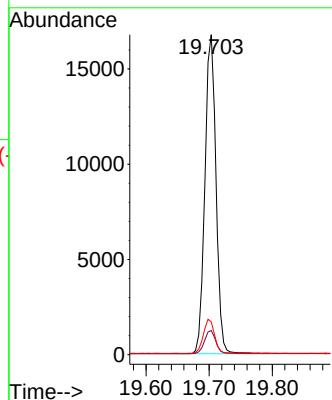
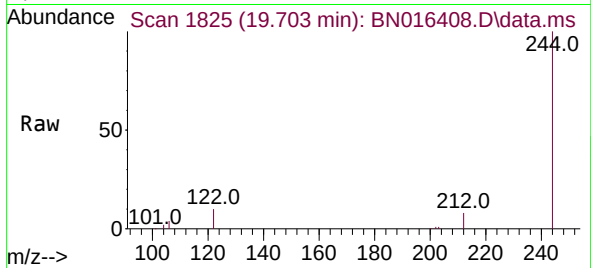




#31
Terphenyl-d14
Concen: 0.088 ng
RT: 19.703 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BN016408.D
Acq: 22 Sep 2021 12:23

Instrument :
BNA_N
ClientSampleId :
RE134D2-20210916DL

Tgt Ion:244 Resp: 20373
Ion Ratio Lower Upper
244 100
212 7.6 5.5 8.3
122 10.3 9.0 13.4



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.519 min Scan# 2437
Delta R.T. -0.003 min
Lab File: BN016408.D
Acq: 22 Sep 2021 12:23

Tgt Ion:264 Resp: 92218
Ion Ratio Lower Upper
264 100
260 24.4 18.9 28.3
265 25.7 23.7 35.5

