

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092221\
 Data File : BN016405.D
 Acq On : 22 Sep 2021 10:15
 Operator : CG/JU
 Sample : PB139215BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB139215BL

Quant Time: Sep 22 11:11:30 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)

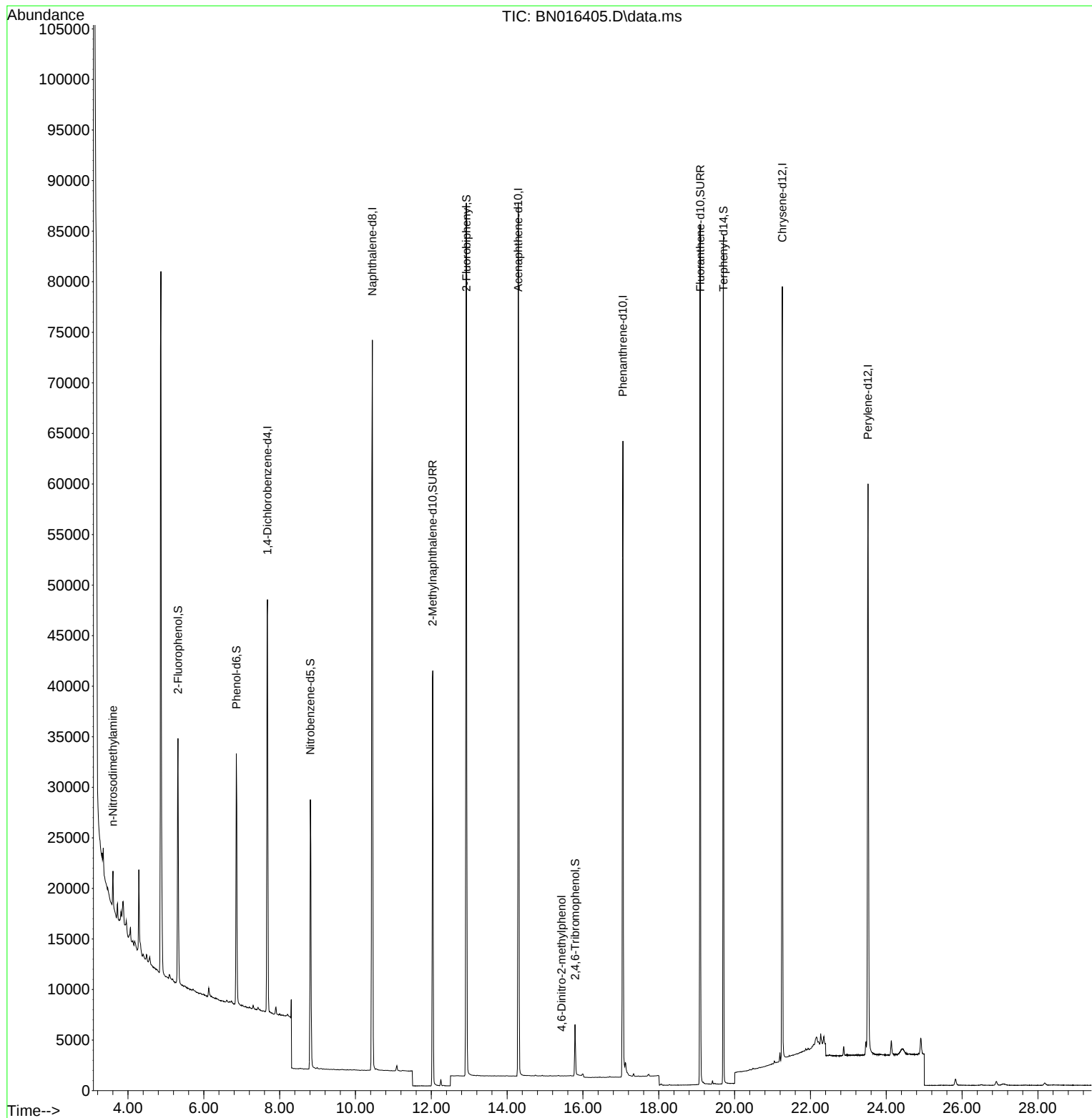
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.679	152	22770	0.400	ng	0.00
7) Naphthalene-d8	10.444	136	99918	0.400	ng	0.00
13) Acenaphthene-d10	14.294	164	50880	0.400	ng	-0.01
19) Phenanthrene-d10	17.054	188	95677	0.400	ng	# 0.00
29) Chrysene-d12	21.259	240	80401	0.400	ng	# 0.00
35) Perylene-d12	23.518	264	74571	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.318	112	20628	0.361	ng	0.04
5) Phenol-d6	6.858	99	22610	0.326	ng	0.00
8) Nitrobenzene-d5	8.809	82	21616	0.364	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	56104	0.356	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	3731	0.250	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	73871	0.371	ng	0.00
27) Fluoranthene-d10	19.092	212	101819	0.368	ng	0.00
31) Terphenyl-d14	19.703	244	82523	0.443	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.603	42	644	0.030	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.436	198	6	0.147	ng	# 1

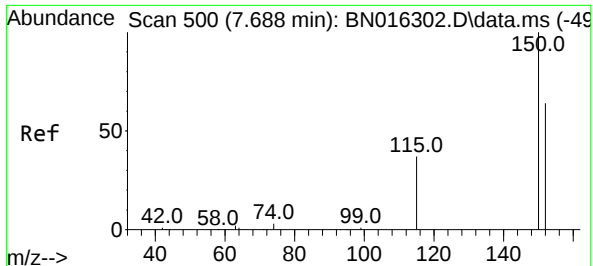
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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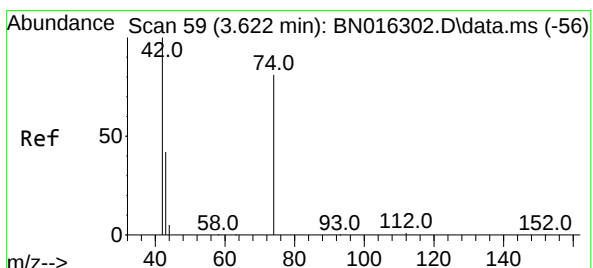
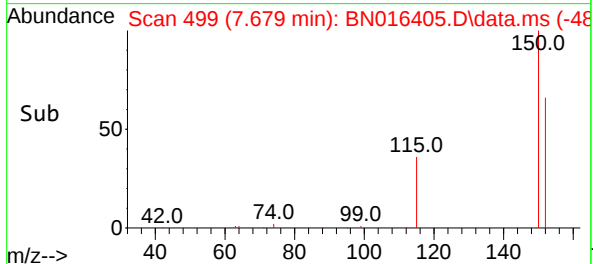
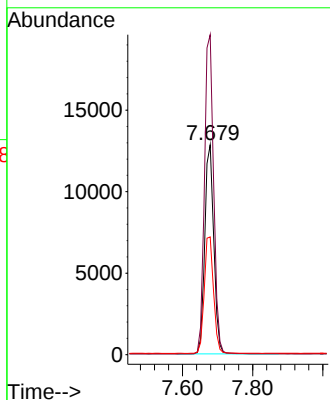
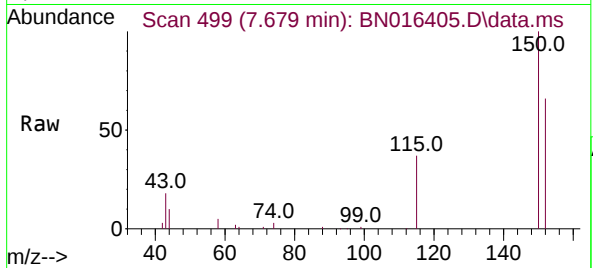




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.679 min Scan# 499
Delta R.T. 0.009 min
Lab File: BN016405.D
Acq: 22 Sep 2021 10:15

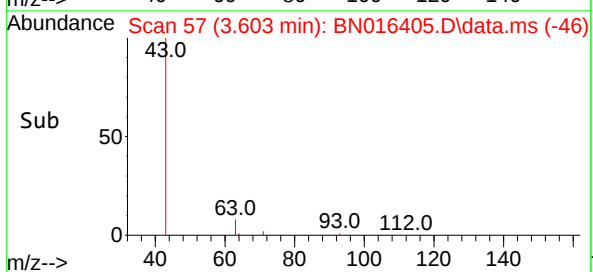
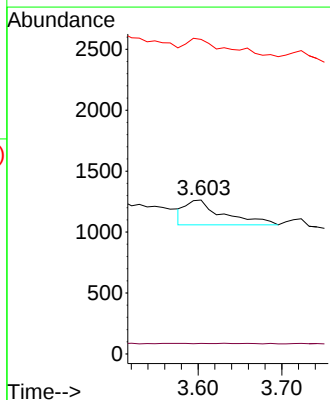
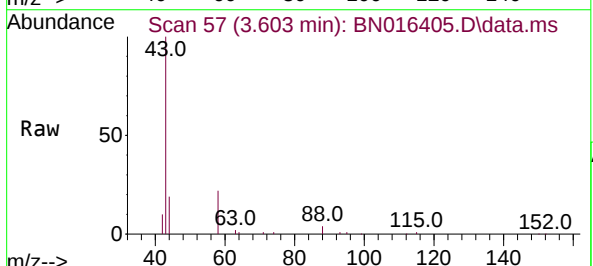
Instrument :
BNA_N
ClientSampleId :
PB139215BL

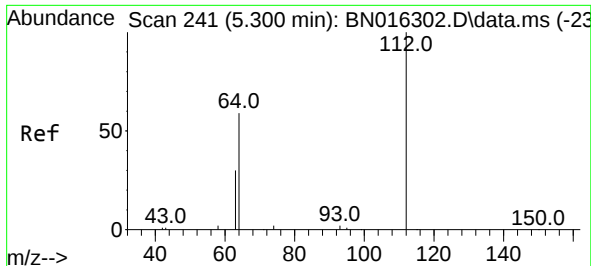
Tgt Ion: 152 Resp: 22770
Ion Ratio Lower Upper
152 100
150 152.4 125.6 188.4
115 56.1 50.2 75.2



#3
n-Nitrosodimethylamine
Concen: 0.030 ng
RT: 3.603 min Scan# 57
Delta R.T. 0.000 min
Lab File: BN016405.D
Acq: 22 Sep 2021 10:15

Tgt Ion: 42 Resp: 644
Ion Ratio Lower Upper
42 100
74 0.8 113.6 170.4#
44 75.2 0.0 0.0#

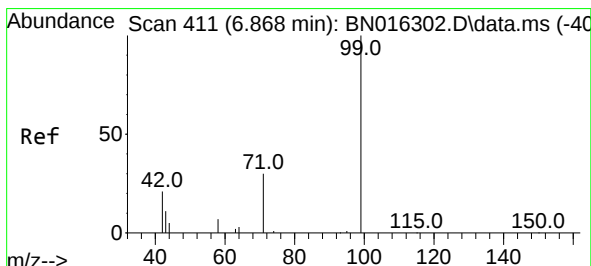
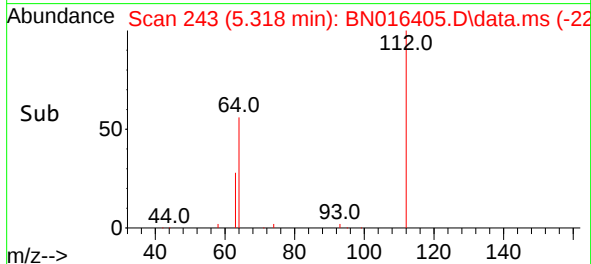
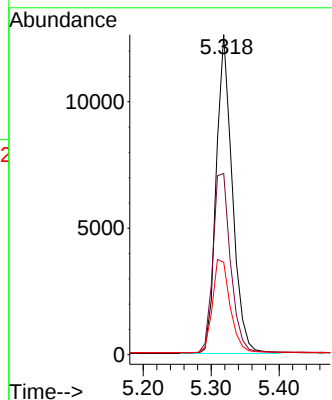
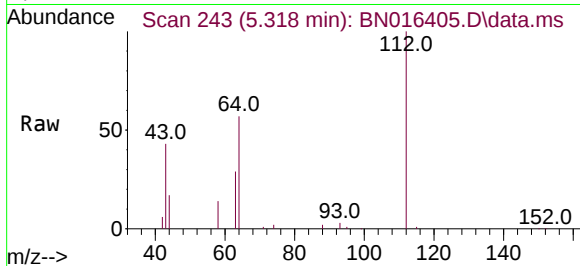




#4
2-Fluorophenol
Concen: 0.361 ng
RT: 5.318 min Scan# 243
Delta R.T. 0.037 min
Lab File: BN016405.D
Acq: 22 Sep 2021 10:15

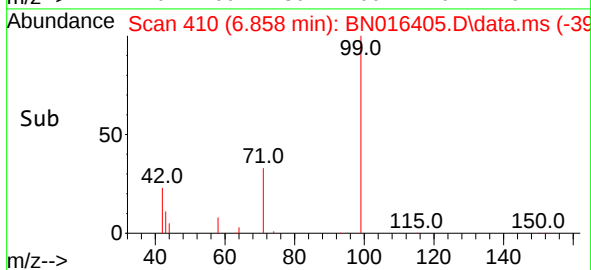
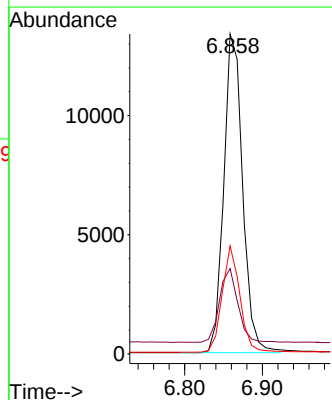
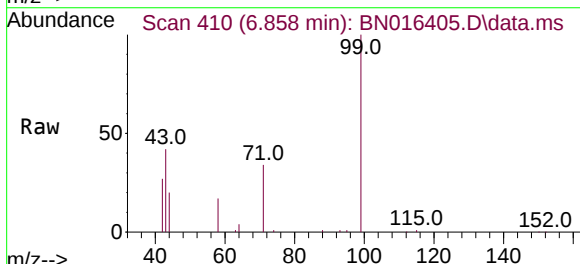
Instrument :
BNA_N
ClientSampleId :
PB139215BL

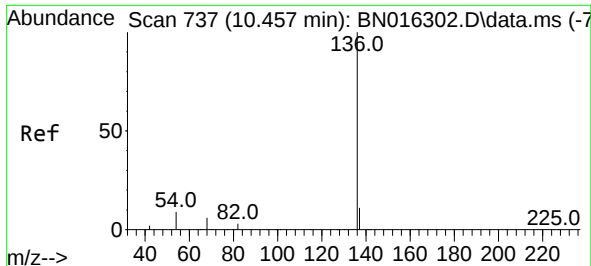
Tgt Ion:112 Resp: 20628
Ion Ratio Lower Upper
112 100
64 62.1 47.3 70.9
63 32.4 23.4 35.0



#5
Phenol-d6
Concen: 0.326 ng
RT: 6.858 min Scan# 410
Delta R.T. 0.009 min
Lab File: BN016405.D
Acq: 22 Sep 2021 10:15

Tgt Ion: 99 Resp: 22610
Ion Ratio Lower Upper
99 100
42 22.6 14.0 21.0#
71 31.3 23.8 35.6

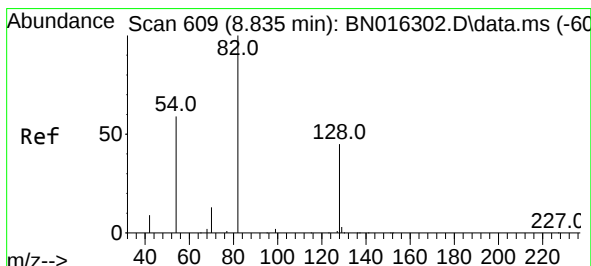
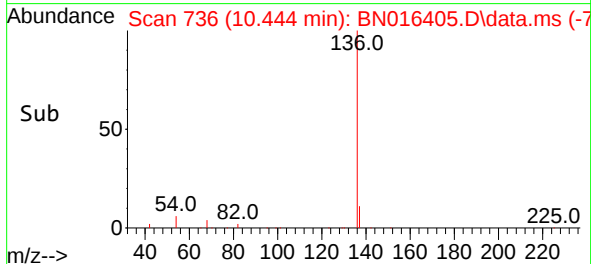
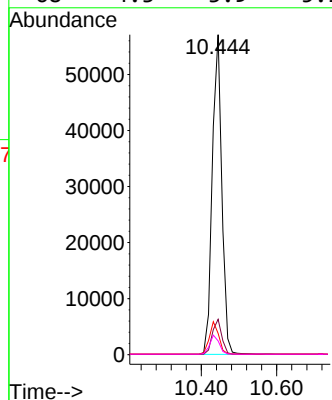
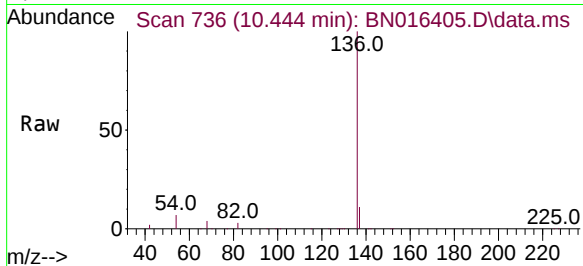




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.444 min Scan# 736
Delta R.T. 0.000 min
Lab File: BN016405.D
Acq: 22 Sep 2021 10:15

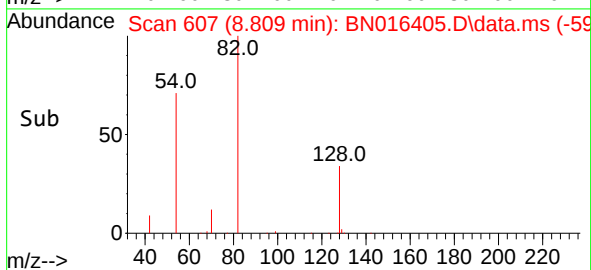
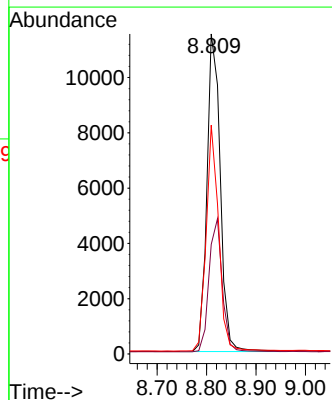
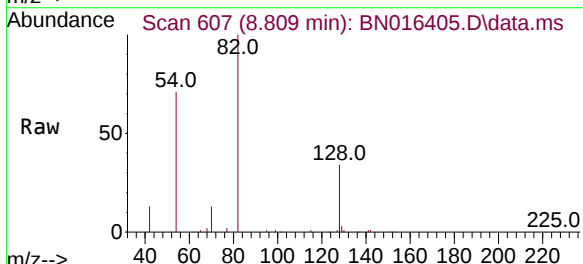
Instrument :
BNA_N
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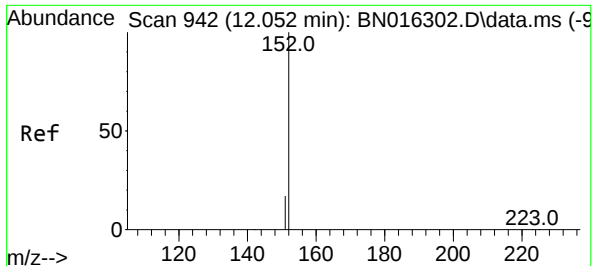
Tgt Ion:136	Resp:	99918
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	6.7	5.3 7.9
68	4.3	3.9 5.9



#8
Nitrobenzene-d5
Concen: 0.364 ng
RT: 8.809 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016405.D
Acq: 22 Sep 2021 10:15

Tgt Ion: 82	Resp:	21616
Ion Ratio	Lower	Upper
82	100	
128	34.3	31.7 47.5
54	71.5	46.4 69.6#

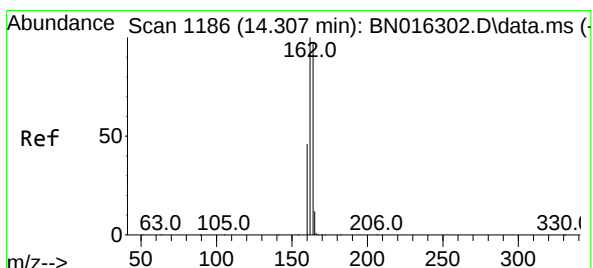
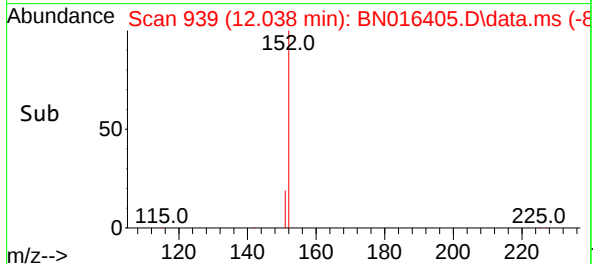
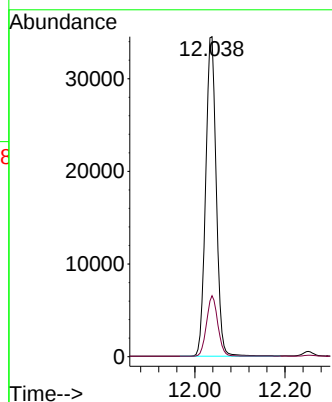
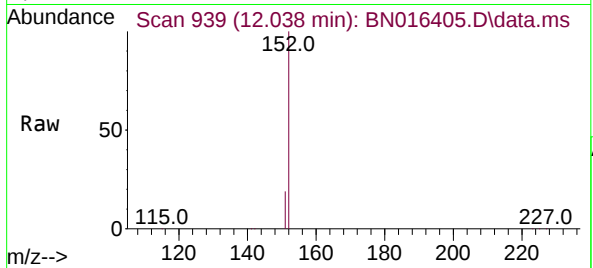




#11
2-Methylnaphthalene-d10
Concen: 0.356 ng
RT: 12.038 min Scan# 939
Delta R.T. 0.000 min
Lab File: BN016405.D
Acq: 22 Sep 2021 10:15

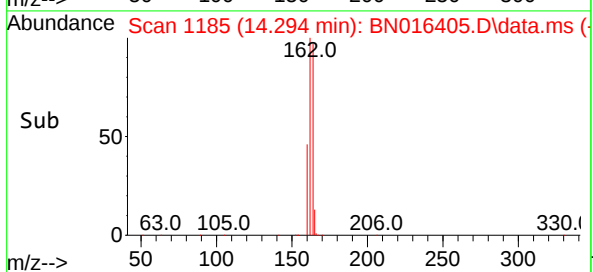
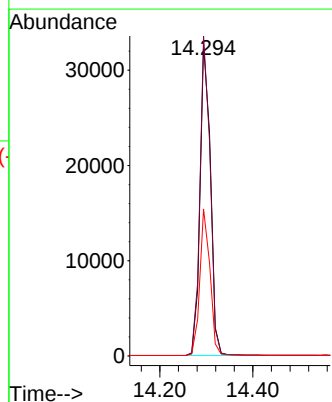
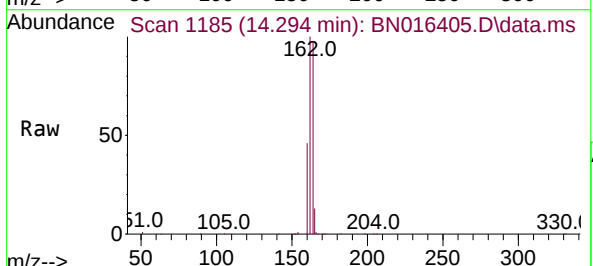
Instrument :
BNA_N
ClientSampleId :
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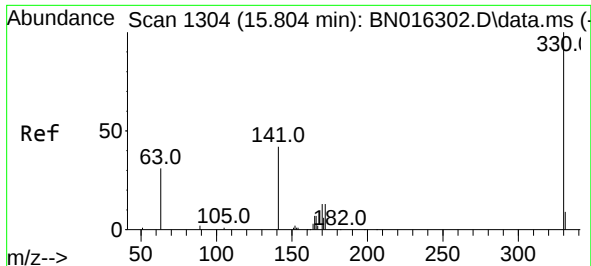
Tgt Ion:152 Resp: 56104
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.013 min
Lab File: BN016405.D
Acq: 22 Sep 2021 10:15

Tgt Ion:164 Resp: 50880
Ion Ratio Lower Upper
164 100
162 102.7 79.0 118.4
160 47.2 34.1 51.1

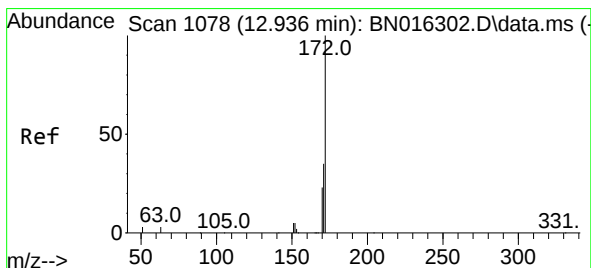
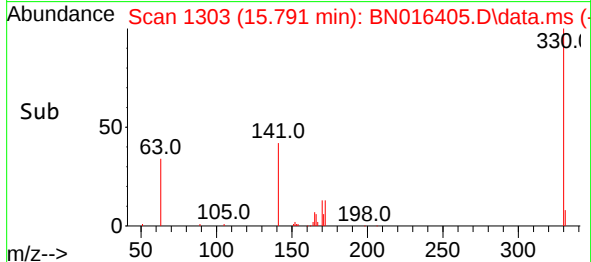
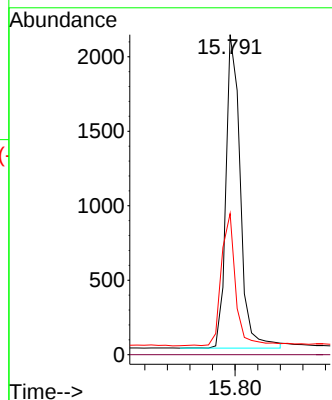
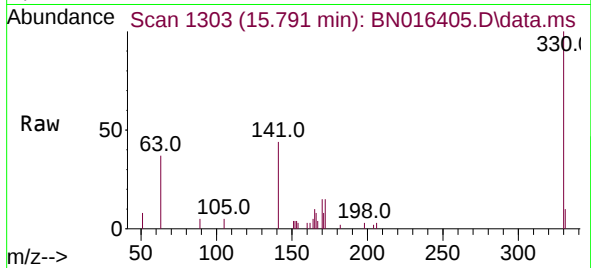




#14
2,4,6-Tribromophenol
Concen: 0.250 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016405.D
Acq: 22 Sep 2021 10:15

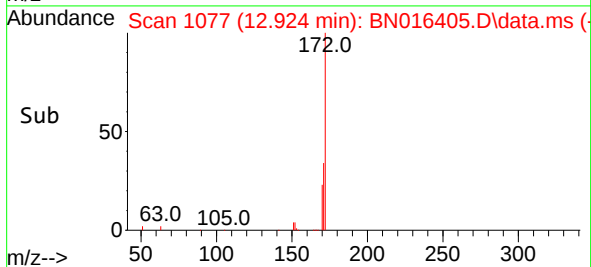
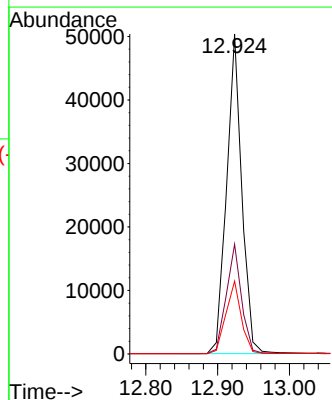
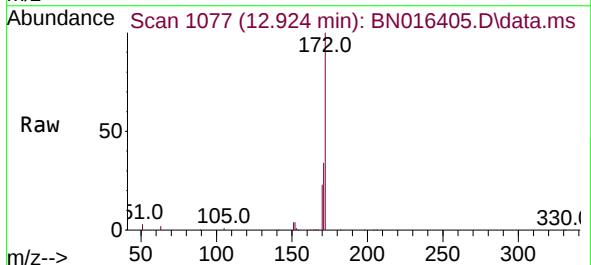
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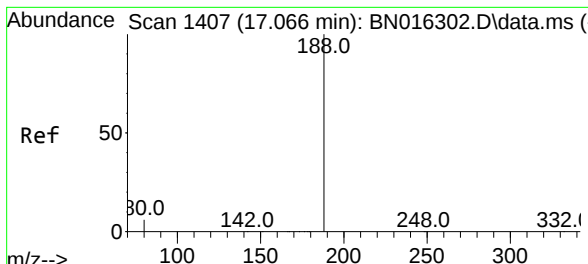
Tgt Ion:330 Resp: 3731
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 41.9 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 12.924 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BN016405.D
Acq: 22 Sep 2021 10:15

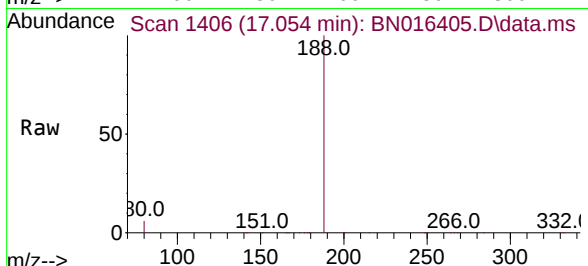
Tgt Ion:172 Resp: 73871
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.6
170 22.7 18.2 27.2



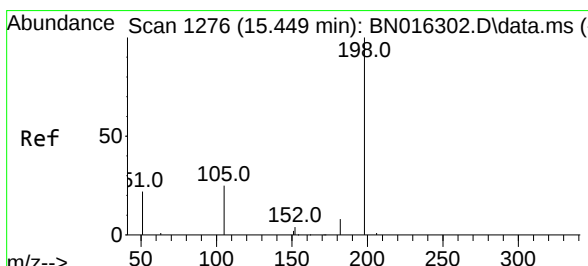
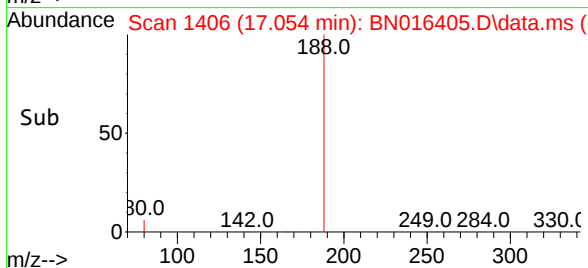
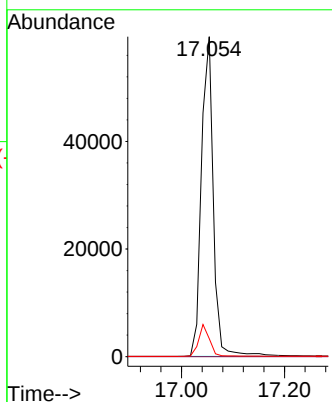


#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.054 min Scan# 1406
 Delta R.T. 0.000 min
 Lab File: BN016405.D
 Acq: 22 Sep 2021 10:15

Instrument :
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 ClientSampleId :
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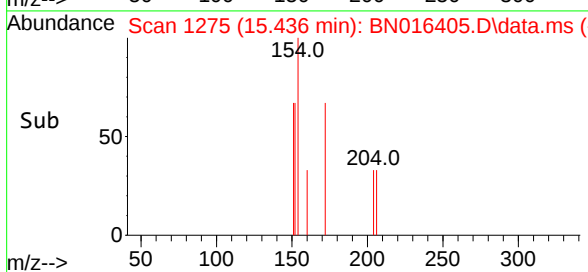
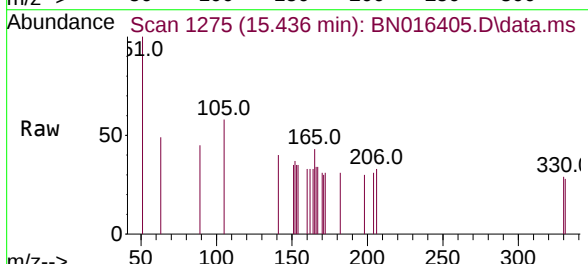
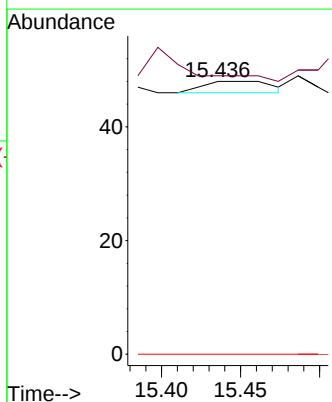


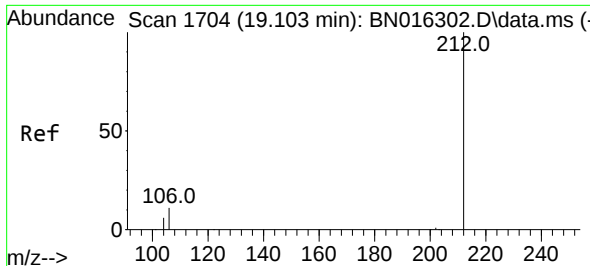
Tgt Ion:	188	Resp:	95677
Ion Ratio	100	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.7	7.0	10.6#



#20
 4,6-Dinitro-2-methylphenol
 Concen: 0.147 ng
 RT: 15.436 min Scan# 1275
 Delta R.T. 0.000 min
 Lab File: BN016405.D
 Acq: 22 Sep 2021 10:15

Tgt Ion:	198	Resp:	6
Ion Ratio	100	Lower	Upper
198	100		
182	102.1	26.6	39.8#
77	0.0	0.0	0.0

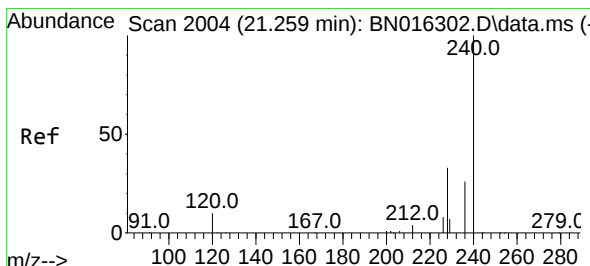
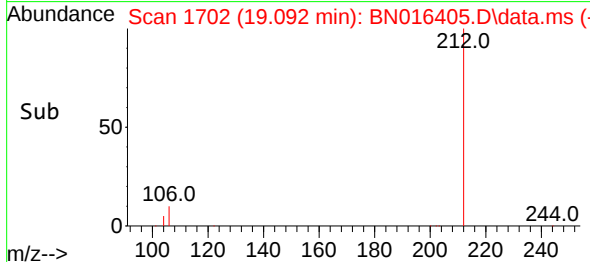
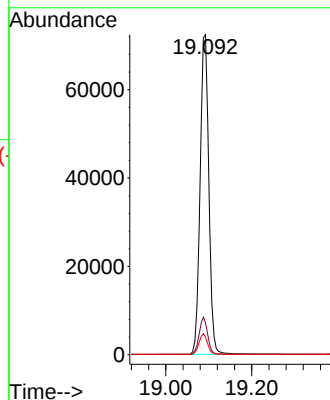
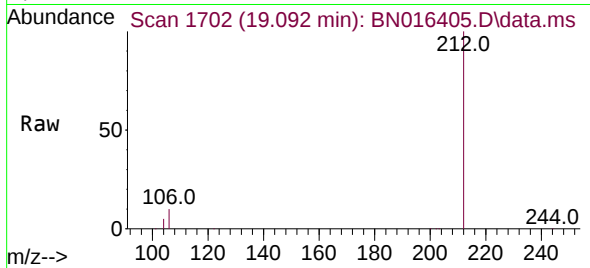




#27
Fluoranthene-d10
Concen: 0.368 ng
RT: 19.092 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN016405.D
Acq: 22 Sep 2021 10:15

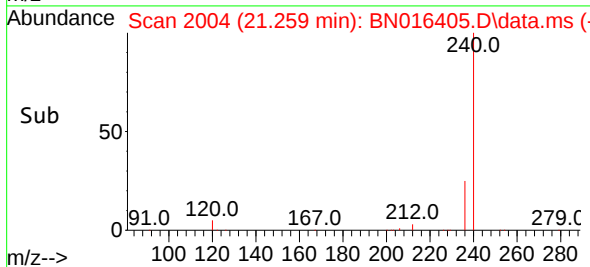
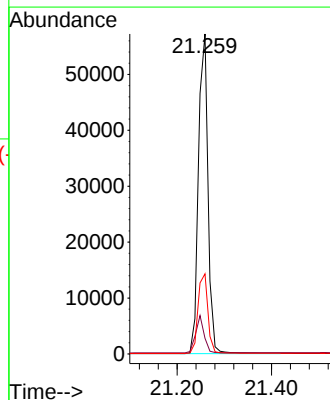
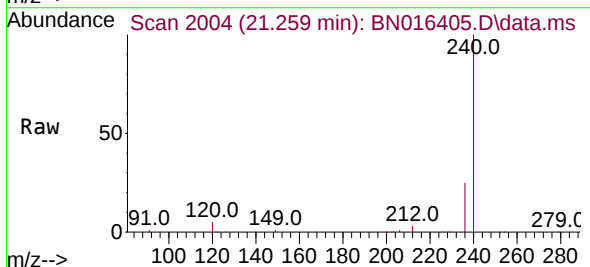
Instrument :
BNA_N
ClientSampleId :
PB139215BL

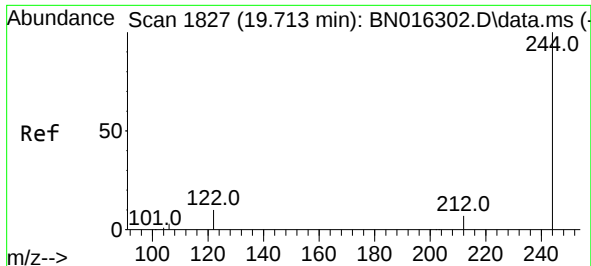
Tgt Ion:212 Resp: 101819
Ion Ratio Lower Upper
212 100
106 11.3 9.8 14.6
104 6.2 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BN016405.D
Acq: 22 Sep 2021 10:15

Tgt Ion:240 Resp: 80401
Ion Ratio Lower Upper
240 100
120 4.9 5.3 7.9#
236 25.0 19.8 29.8

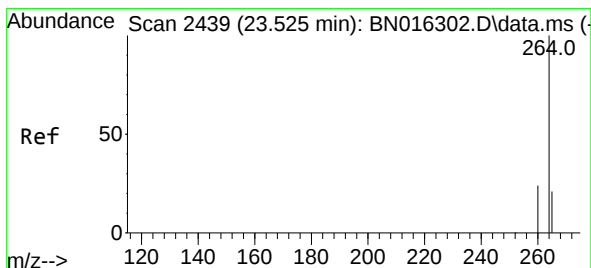
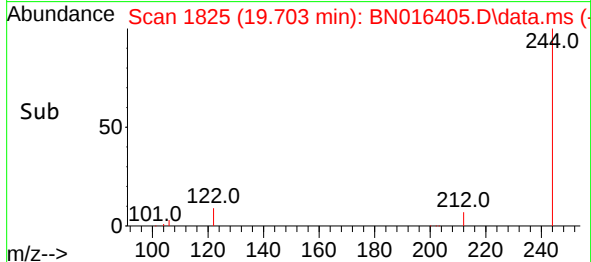
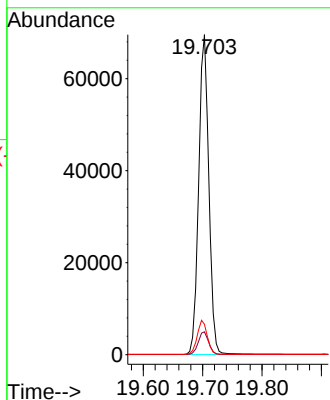
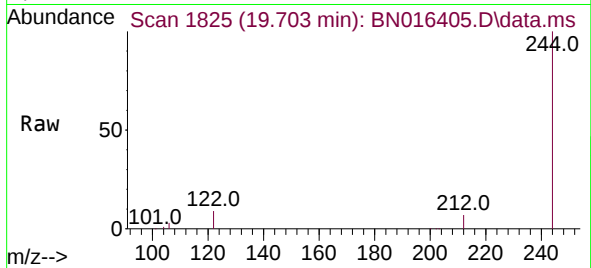




#31
Terphenyl-d14
Concen: 0.443 ng
RT: 19.703 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BN016405.D
Acq: 22 Sep 2021 10:15

Instrument :
BNA_N
ClientSampleId :
PB139215BL

Tgt Ion:244 Resp: 82523
Ion Ratio Lower Upper
244 100
212 7.1 5.5 8.3
122 9.5 9.0 13.4



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.518 min Scan# 2437
Delta R.T. -0.003 min
Lab File: BN016405.D
Acq: 22 Sep 2021 10:15

Tgt Ion:264 Resp: 74571
Ion Ratio Lower Upper
264 100
260 24.5 18.9 28.3
265 26.7 23.7 35.5

