

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092121\
 Data File : BN016398.D
 Acq On : 22 Sep 2021 06:01
 Operator : CG/JU
 Sample : M3781-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB01-20210915

Quant Time: Sep 22 06:43:06 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)

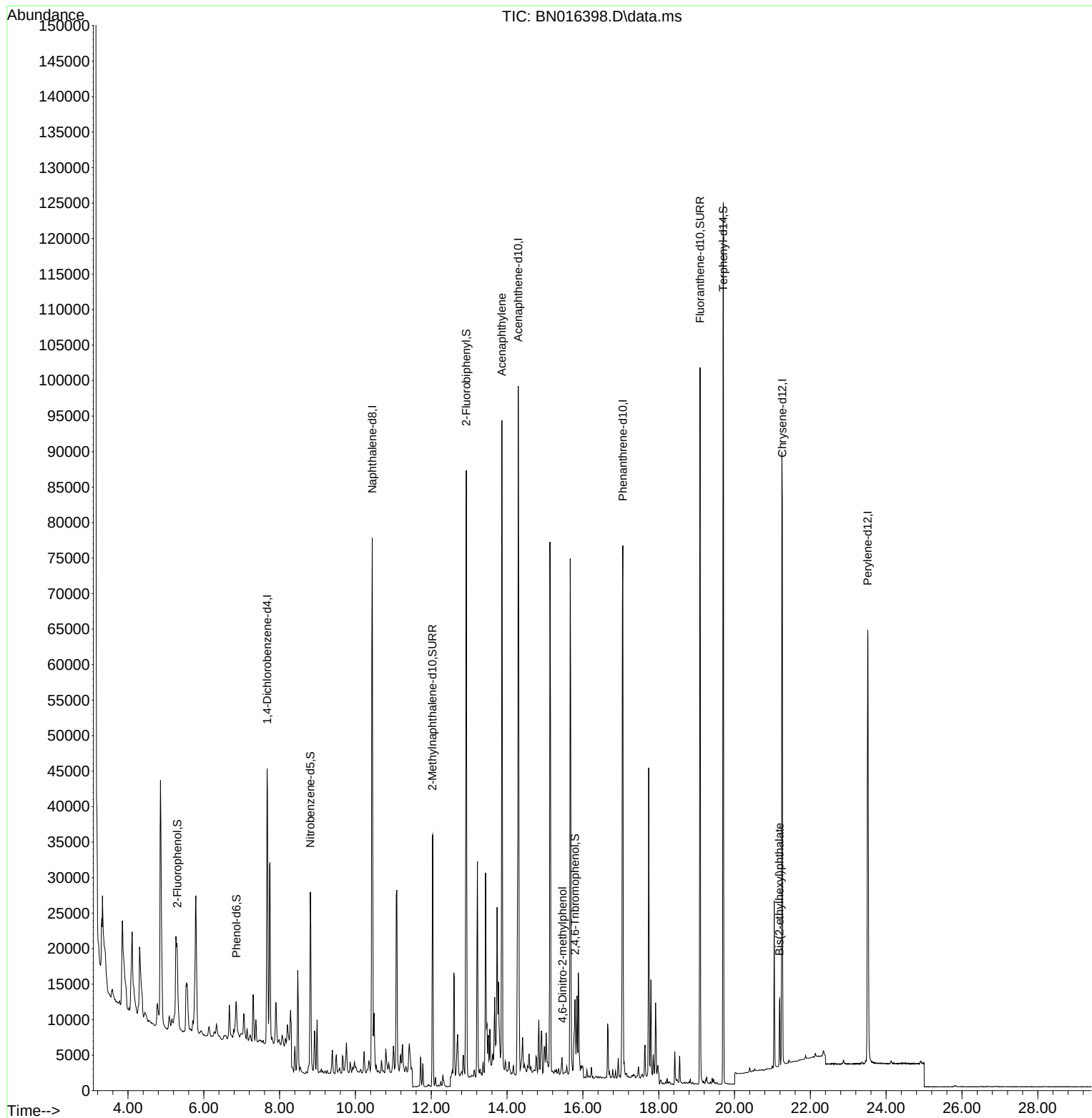
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	23321	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	103097	0.400	ng	0.00
13) Acenaphthene-d10	14.294	164	57533	0.400	ng	-0.01
19) Phenanthrene-d10	17.054	188	112079	0.400	ng	# 0.00
29) Chrysene-d12	21.259	240	91163	0.400	ng	# 0.00
35) Perylene-d12	23.515	264	81174	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	7249	0.124	ng	0.02
5) Phenol-d6	6.859	99	4792	0.068	ng	0.00
8) Nitrobenzene-d5	8.810	82	20451	0.334	ng	0.00
11) 2-Methylnaphthalene-d10	12.034	152	48074	0.296	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	6844	0.405	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	72048	0.320	ng	0.00
27) Fluoranthene-d10	19.093	212	116708	0.360	ng	0.00
31) Terphenyl-d14	19.703	244	126459	0.599	ng	0.00
Target Compounds						
16) Acenaphthylene	13.863	152	7623	0.028	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.461	198	45	0.154	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.185	149	10259	0.065	ng	98

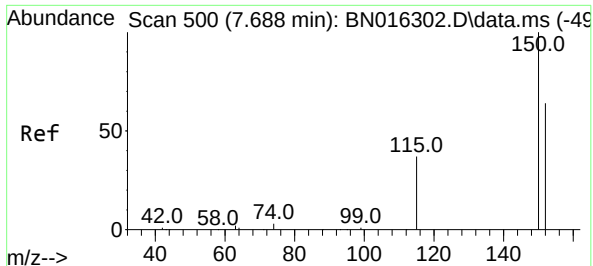
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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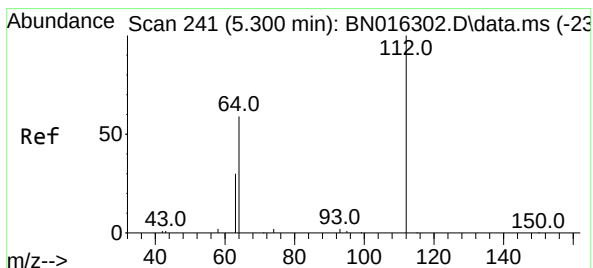
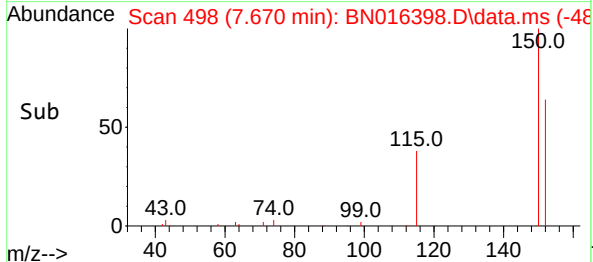
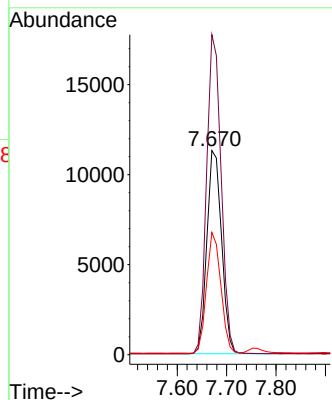
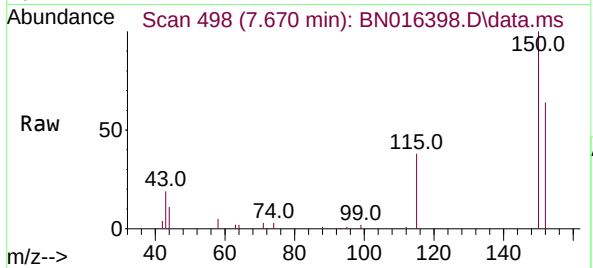




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.670 min Scan# 498
 Delta R.T. -0.000 min
 Lab File: BN016398.D
 Acq: 22 Sep 2021 06:01

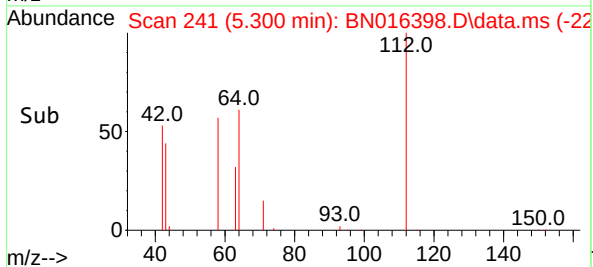
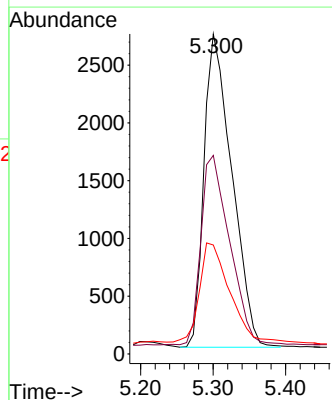
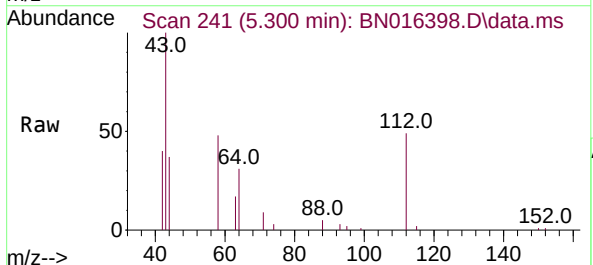
Instrument :
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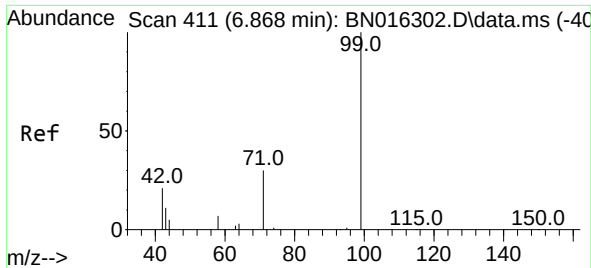
Tgt Ion:152 Resp: 23321
 Ion Ratio Lower Upper
 152 100
 150 156.8 125.6 188.4
 115 59.9 50.2 75.2



#4
 2-Fluorophenol
 Concen: 0.124 ng
 RT: 5.300 min Scan# 241
 Delta R.T. 0.019 min
 Lab File: BN016398.D
 Acq: 22 Sep 2021 06:01

Tgt Ion:112 Resp: 7249
 Ion Ratio Lower Upper
 112 100
 64 62.2 47.3 70.9
 63 33.7 23.4 35.0

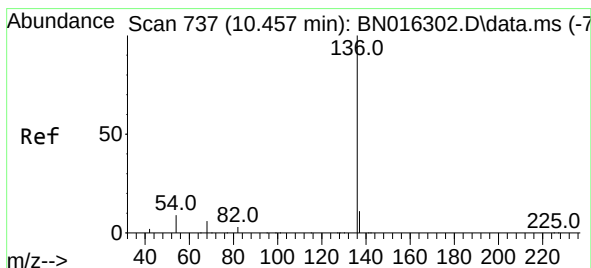
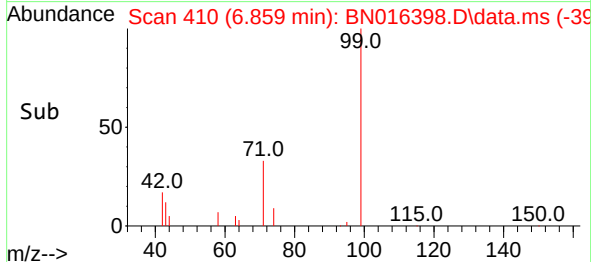
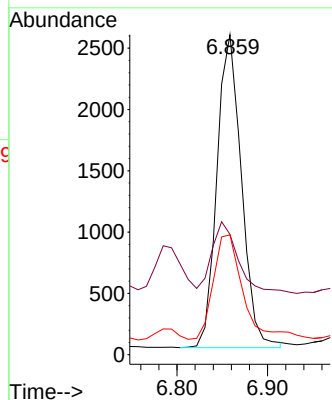
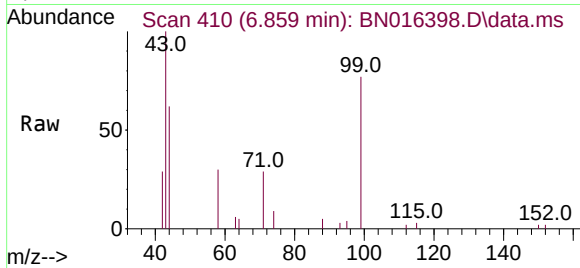




#5
Phenol-d6
Concen: 0.068 ng
RT: 6.859 min Scan# 410
Delta R.T. 0.009 min
Lab File: BN016398.D
Acq: 22 Sep 2021 06:01

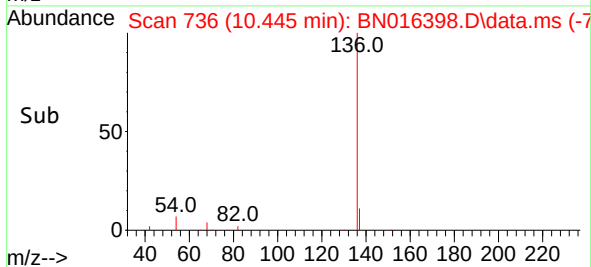
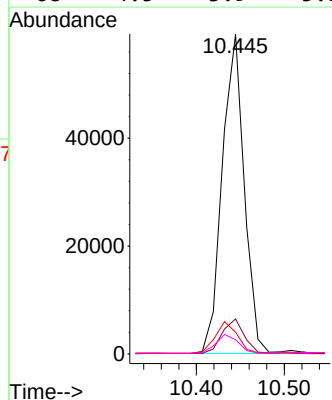
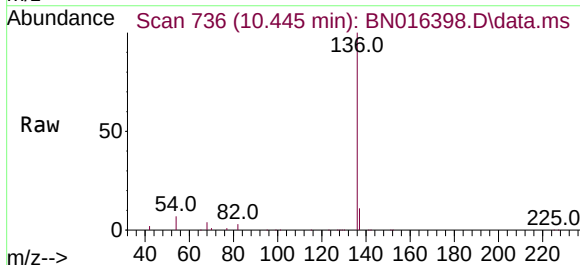
Instrument :
BNA_N
ClientSampleId :
FB01-20210915

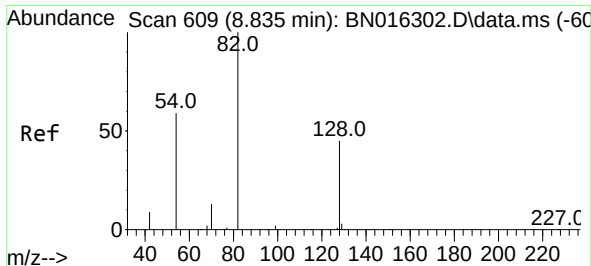
Tgt Ion: 99 Resp: 4792
Ion Ratio Lower Upper
99 100
42 21.5 14.0 21.0#
71 38.6 23.8 35.6#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 736
Delta R.T. 0.000 min
Lab File: BN016398.D
Acq: 22 Sep 2021 06:01

Tgt Ion: 136 Resp: 103097
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.8 5.3 7.9
68 4.5 3.9 5.9

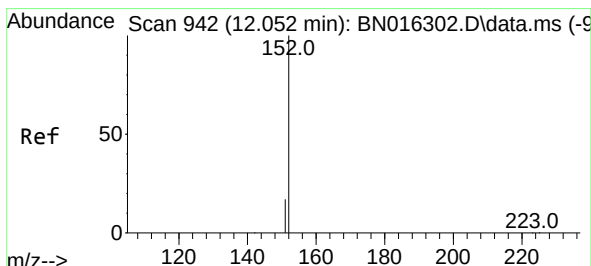
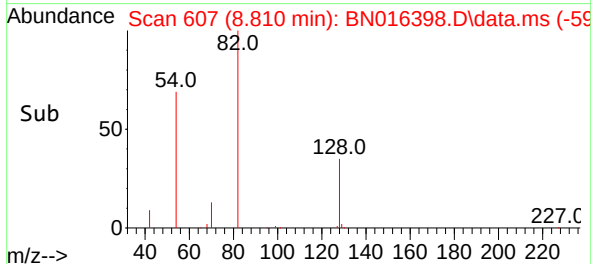
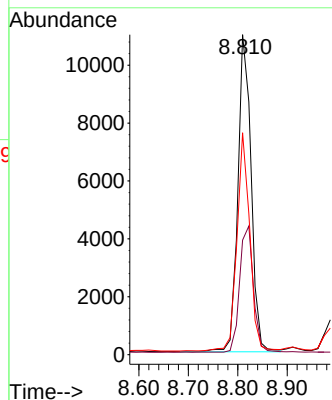
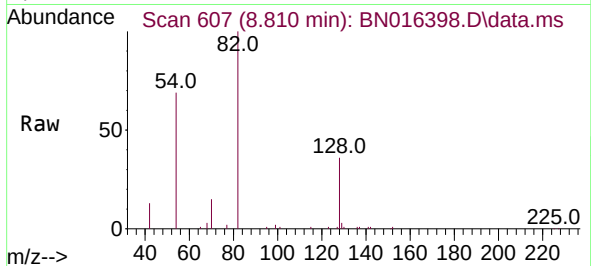




#8
Nitrobenzene-d5
Concen: 0.334 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016398.D
Acq: 22 Sep 2021 06:01

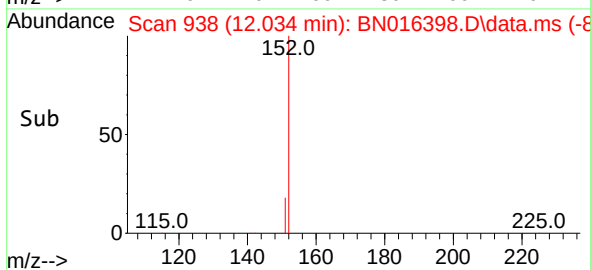
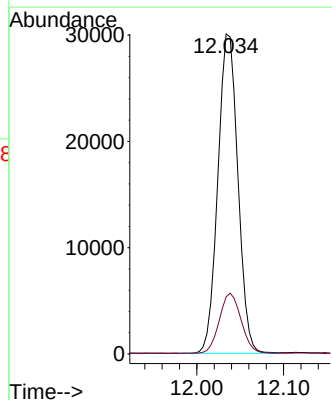
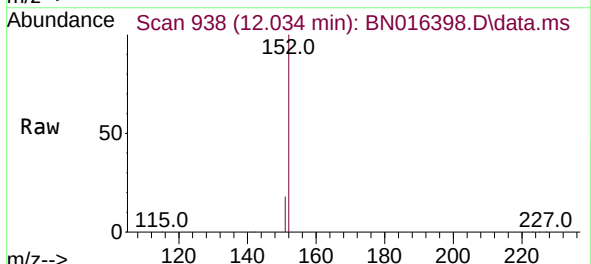
Instrument :
BNA_N
ClientSampleId :
FB01-20210915

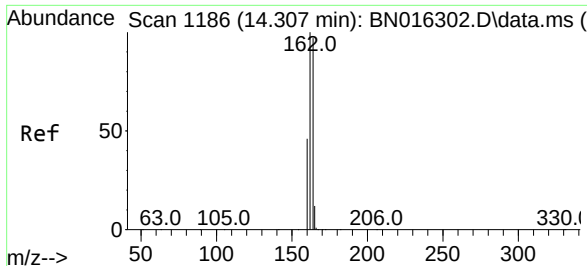
Tgt Ion: 82 Resp: 20451
Ion Ratio Lower Upper
82 100
128 35.8 31.7 47.5
54 69.4 46.4 69.6



#11
2-Methylnaphthalene-d10
Concen: 0.296 ng
RT: 12.034 min Scan# 938
Delta R.T. -0.004 min
Lab File: BN016398.D
Acq: 22 Sep 2021 06:01

Tgt Ion: 152 Resp: 48074
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1

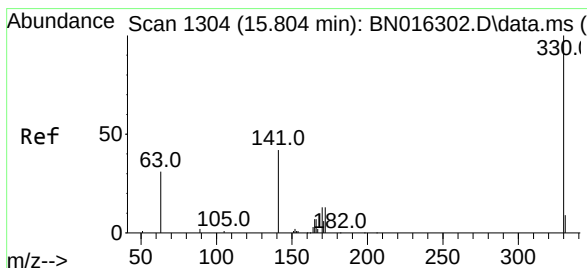
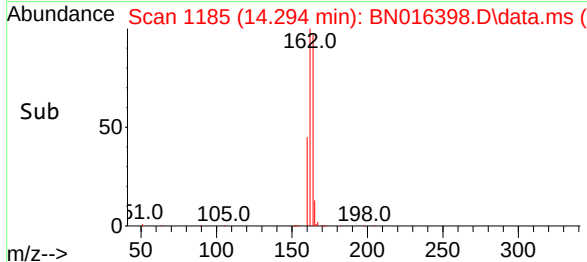
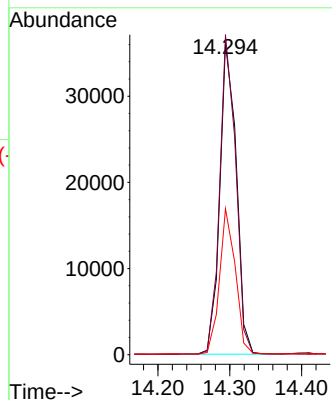
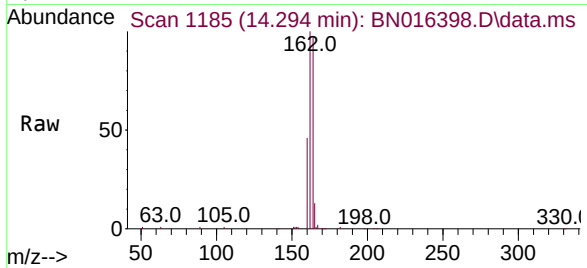




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.012 min
Lab File: BN016398.D
Acq: 22 Sep 2021 06:01

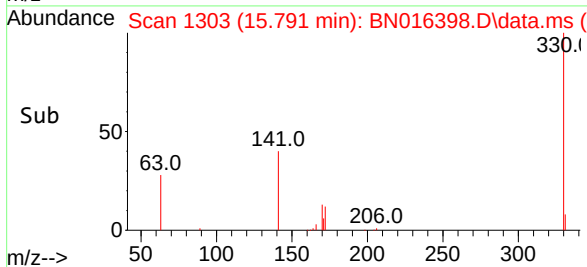
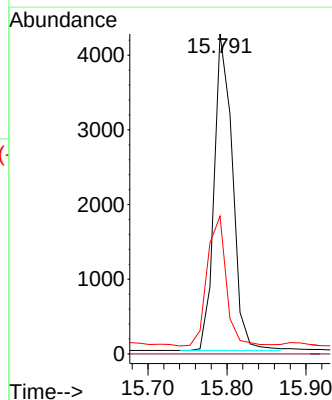
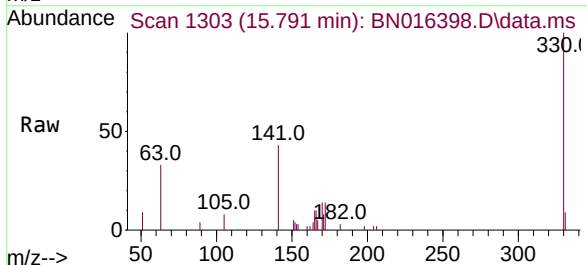
Instrument :
BNA_N
ClientSampleId :
FB01-20210915

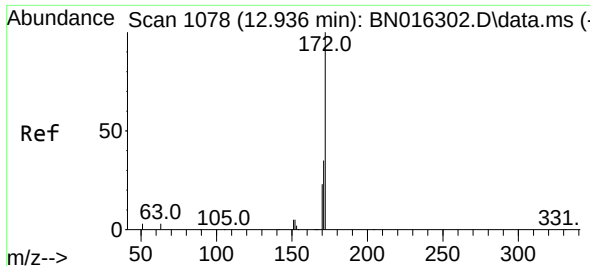
Tgt Ion:164 Resp: 57533
Ion Ratio Lower Upper
164 100
162 102.8 79.0 118.4
160 46.9 34.1 51.1



#14
2,4,6-Tribromophenol
Concen: 0.405 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016398.D
Acq: 22 Sep 2021 06:01

Tgt Ion:330 Resp: 6844
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 42.8 25.0 37.4#

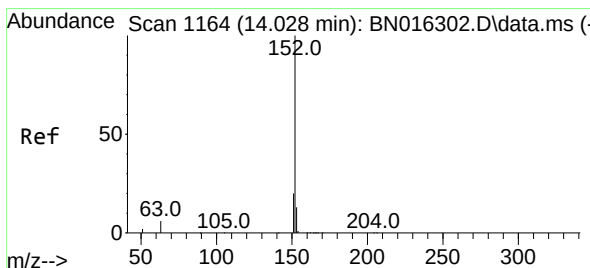
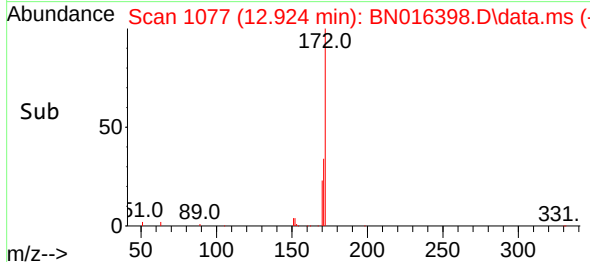
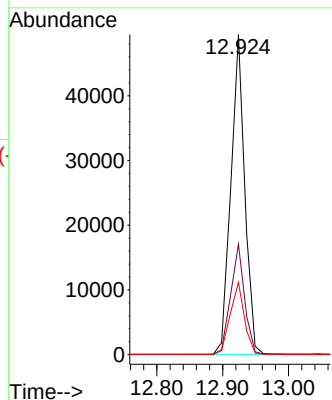
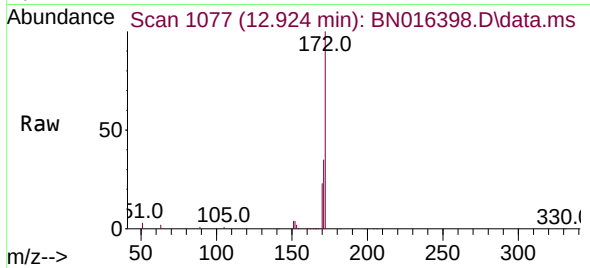




#15
2-Fluorobiphenyl
Concen: 0.320 ng
RT: 12.924 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BN016398.D
Acq: 22 Sep 2021 06:01

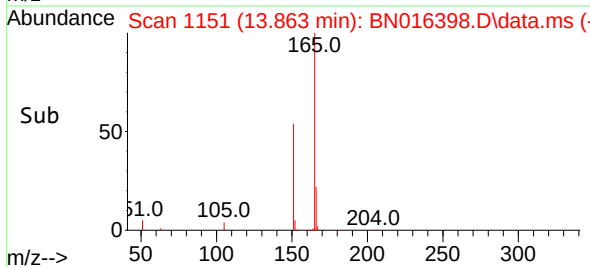
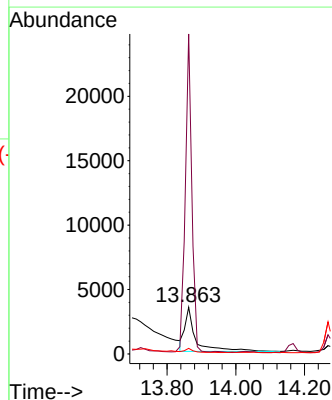
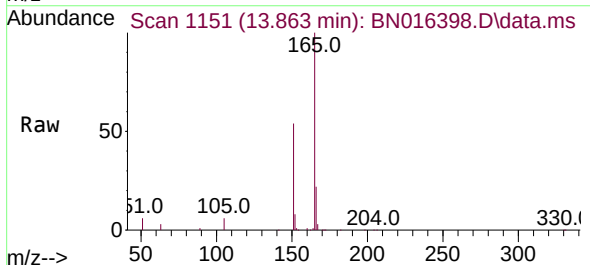
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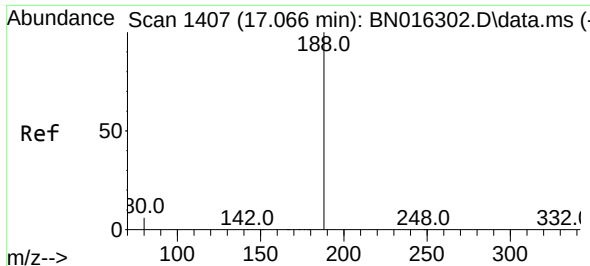
Tgt Ion:172 Resp: 72048
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 22.6 18.2 27.2



#16
Acenaphthylene
Concen: 0.028 ng
RT: 13.863 min Scan# 1151
Delta R.T. -0.152 min
Lab File: BN016398.D
Acq: 22 Sep 2021 06:01

Tgt Ion:152 Resp: 7623
Ion Ratio Lower Upper
152 100
151 422.1 15.2 22.8#
153 7.2 10.5 15.7#

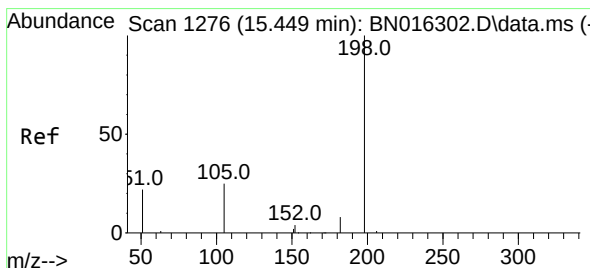
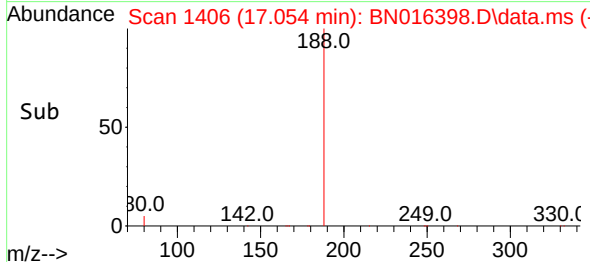
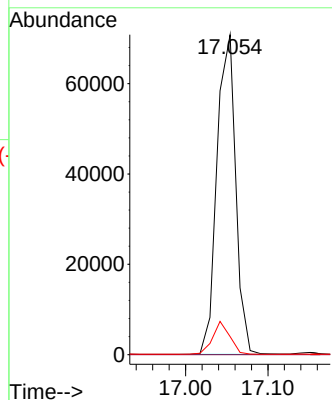
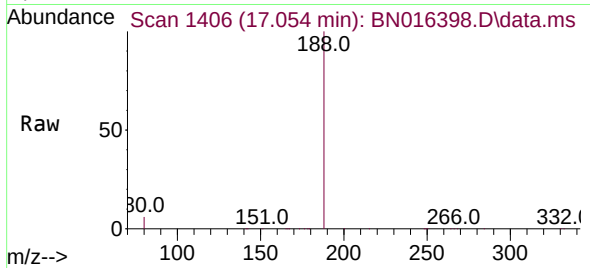




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.054 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BN016398.D
Acq: 22 Sep 2021 06:01

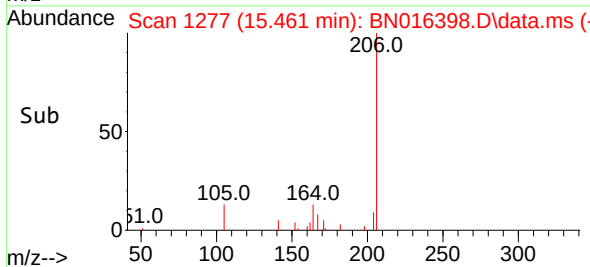
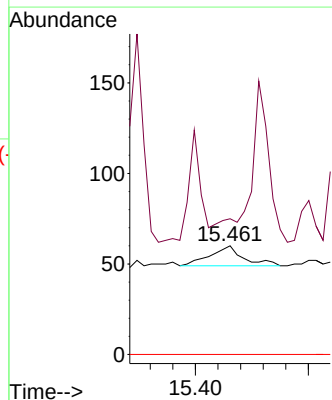
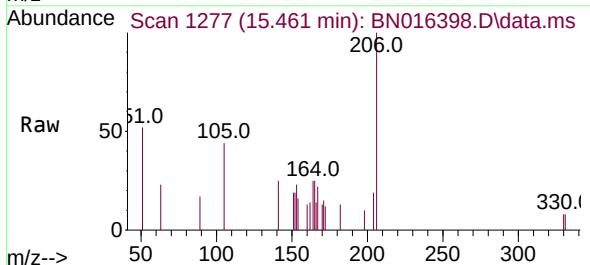
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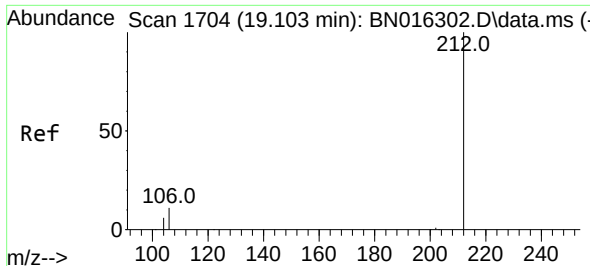
Tgt Ion:188 Resp: 112079
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 5.6 7.0 10.6#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.154 ng
RT: 15.461 min Scan# 1277
Delta R.T. 0.026 min
Lab File: BN016398.D
Acq: 22 Sep 2021 06:01

Tgt Ion:198 Resp: 45
Ion Ratio Lower Upper
198 100
182 125.0 26.6 39.8#
77 0.0 0.0 0.0

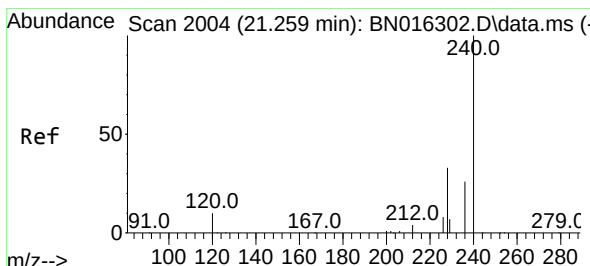
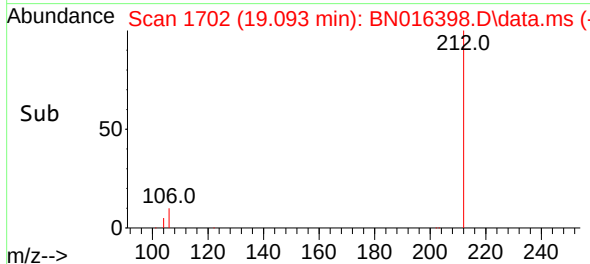
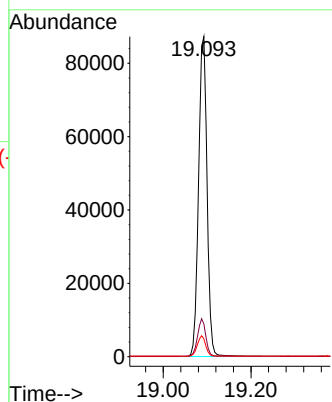
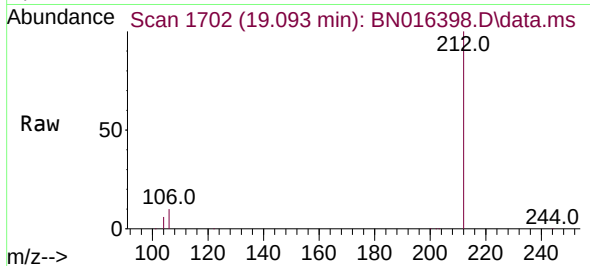




#27
Fluoranthene-d10
Concen: 0.360 ng
RT: 19.093 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN016398.D
Acq: 22 Sep 2021 06:01

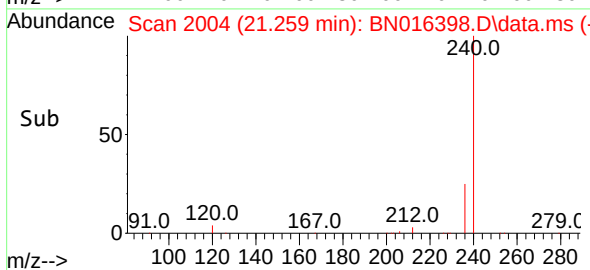
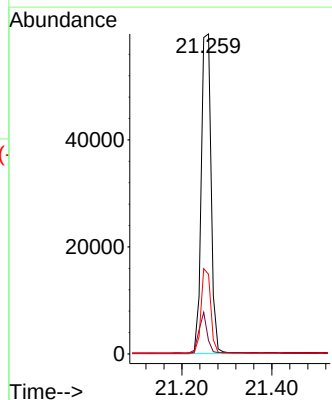
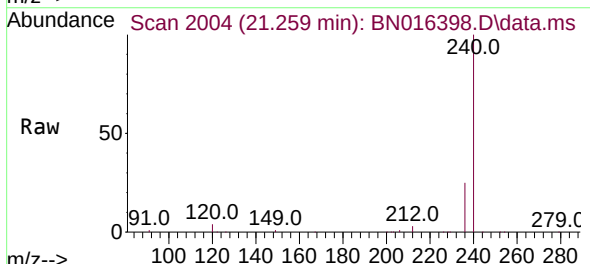
Instrument :
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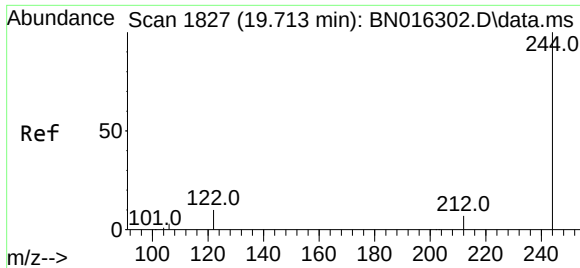
Tgt Ion:212 Resp: 116708
Ion Ratio Lower Upper
212 100
106 11.3 9.8 14.6
104 6.2 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BN016398.D
Acq: 22 Sep 2021 06:01

Tgt Ion:240 Resp: 91163
Ion Ratio Lower Upper
240 100
120 4.2 5.3 7.9#
236 24.9 19.8 29.8

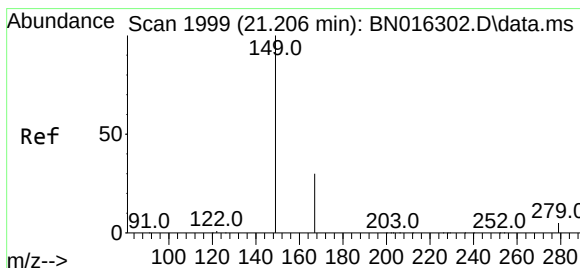
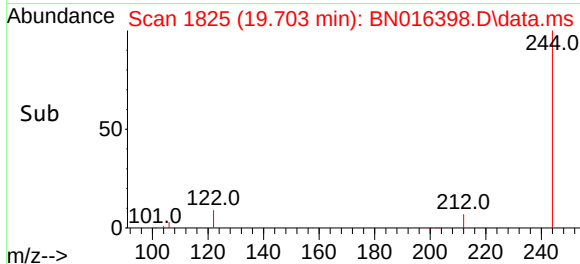
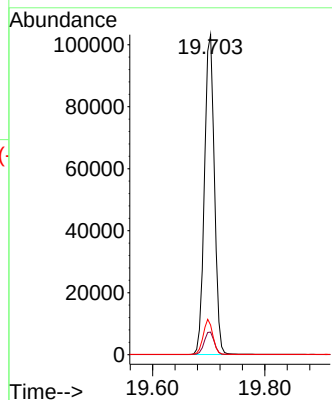
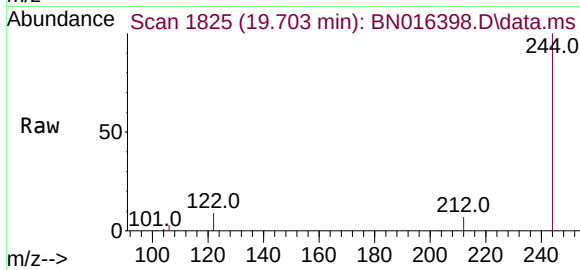




#31
 Terphenyl-d14
 Concen: 0.599 ng
 RT: 19.703 min Scan# 1825
 Delta R.T. 0.000 min
 Lab File: BN016398.D
 Acq: 22 Sep 2021 06:01

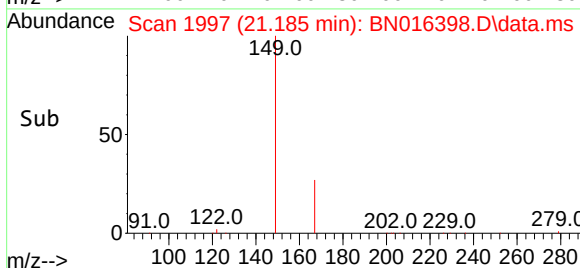
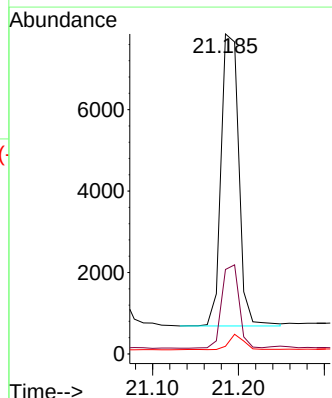
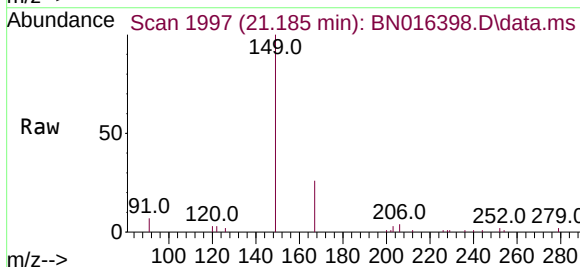
Instrument :
 BNA_N
 ClientSampleId :
 FB01-20210915

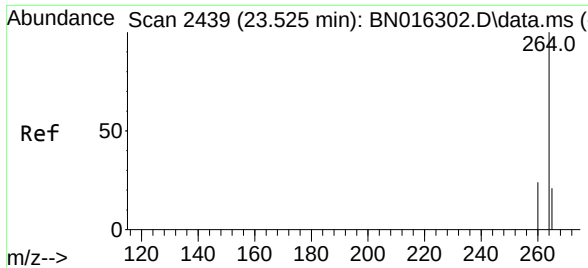
Tgt Ion:244	Resp:	126459
Ion Ratio	Lower	Upper
244	100	
212	7.1	5.5 8.3
122	9.3	9.0 13.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.065 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. -0.010 min
 Lab File: BN016398.D
 Acq: 22 Sep 2021 06:01

Tgt Ion:149	Resp:	10259
Ion Ratio	Lower	Upper
149	100	
167	27.9	23.4 35.0
279	4.4	3.9 5.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.515 min Scan# 2436
 Delta R.T. -0.007 min
 Lab File: BN016398.D
 Acq: 22 Sep 2021 06:01

Instrument :
 BNA_N
 ClientSampleId :
 FB01-20210915

Tgt Ion:264	Resp:	81174
Ion Ratio	Lower	Upper
264	100	
260	24.4	18.9 28.3
265	26.6	23.7 35.5

