

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
 Data File : BN016763.D
 Acq On : 06 Oct 2021 04:29
 Operator : CG/JU
 Sample : M3915-17
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE109D3-20210922

Quant Time: Oct 06 06:57:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 04 17:52:33 2021
 Response via : Initial Calibration

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

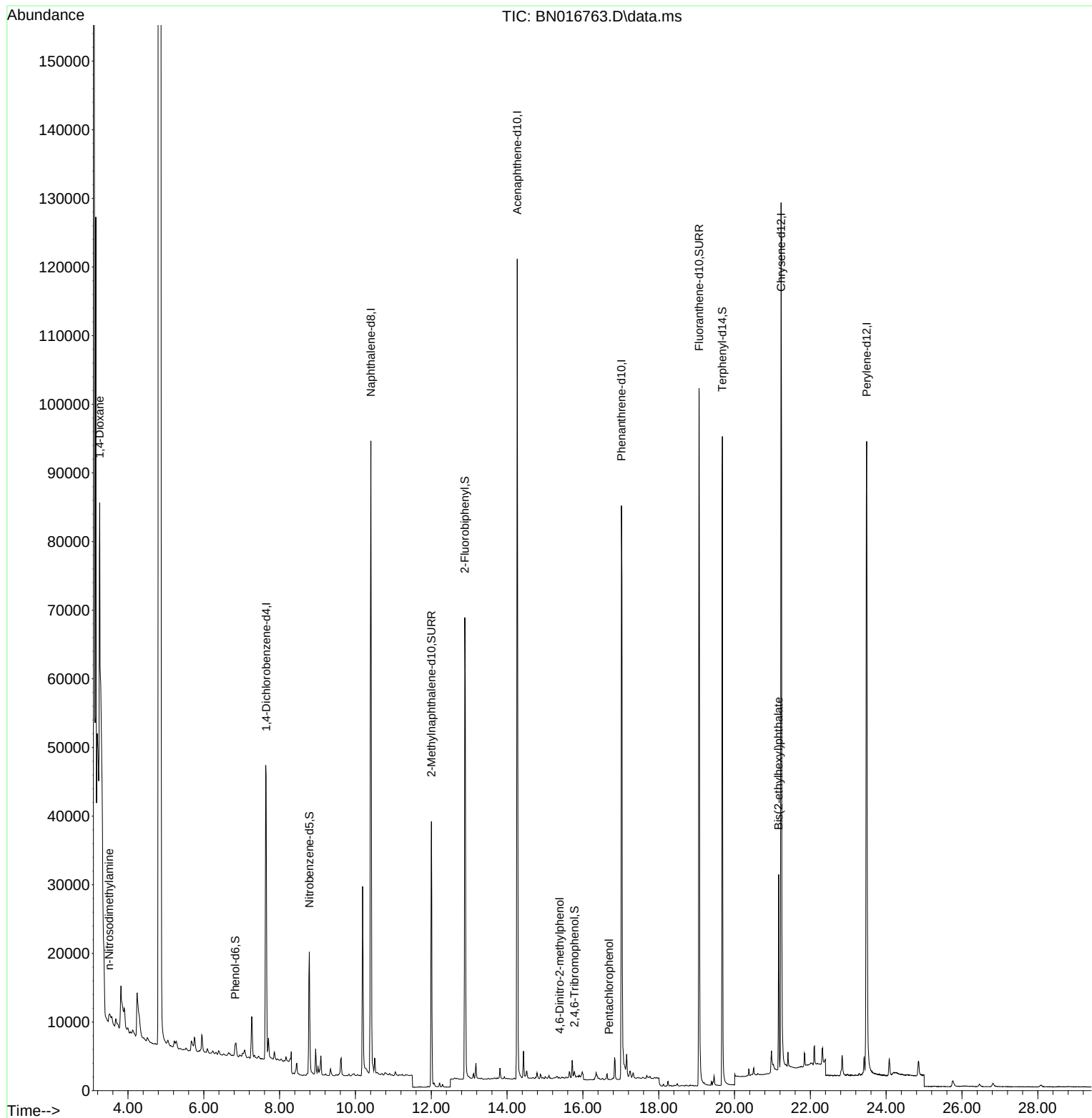
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	27275	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	124814	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	67005	0.400	ng	0.00
19) Phenanthrene-d10	17.018	188	133545	0.400	ng	#-0.01
29) Chrysene-d12	21.227	240	129131	0.400	ng	#-0.01
35) Perylene-d12	23.484	264	130342	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	1342	0.019	ng	0.02
5) Phenol-d6	6.831	99	1799	0.023	ng	0.00
8) Nitrobenzene-d5	8.784	82	17346	0.198	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	53098	0.286	ng	0.00
14) 2,4,6-Tribromophenol	15.779	330	980	0.142	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	66846	0.249	ng	-0.01
27) Fluoranthene-d10	19.068	212	125104	0.342	ng	0.00
31) Terphenyl-d14	19.678	244	98333	0.340	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.253	88	35826	2.814	ng	# 59
3) n-Nitrosodimethylamine	3.502	42	1042	0.051	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.385	198	3	0.266	ng	# 1
24) Pentachlorophenol	16.689	266	28	0.339	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.164	149	24047	0.099	ng	100

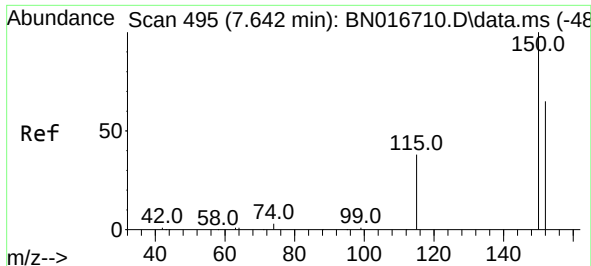
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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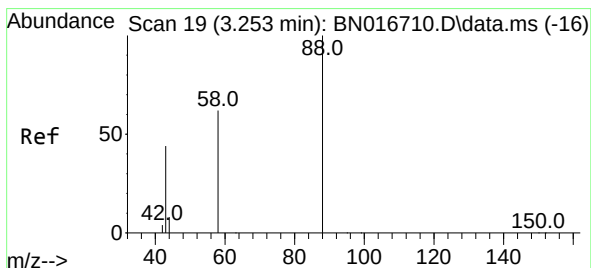
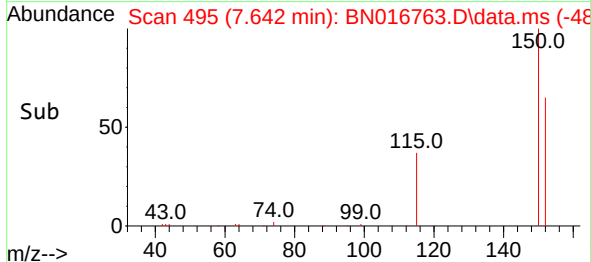
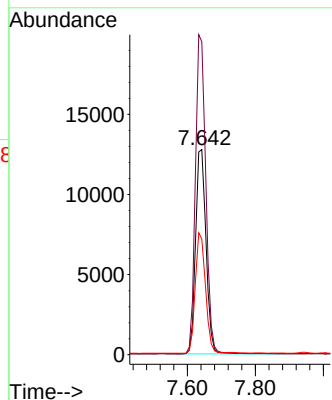
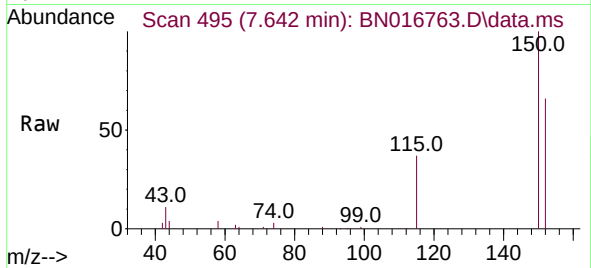




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016763.D
 Acq: 06 Oct 2021 04:29

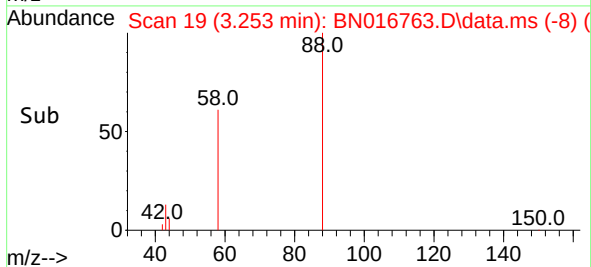
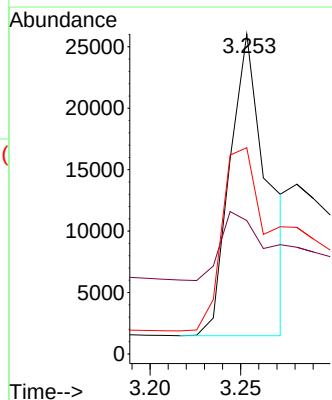
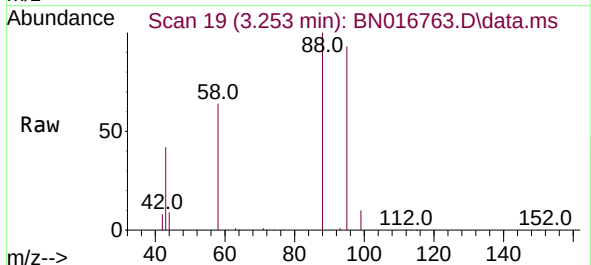
Instrument :
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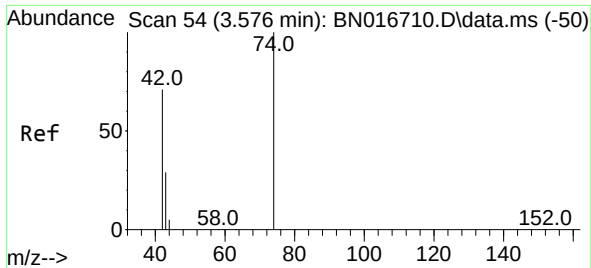
Tgt Ion:152 Resp: 27275
 Ion Ratio Lower Upper
 152 100
 150 152.6 123.3 184.9
 115 56.4 47.0 70.6



#2
 1,4-Dioxane
 Concen: 2.814 ng
 RT: 3.253 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: BN016763.D
 Acq: 06 Oct 2021 04:29

Tgt Ion: 88 Resp: 35826
 Ion Ratio Lower Upper
 88 100
 43 21.8 61.7 92.5#
 58 61.4 62.2 93.2#

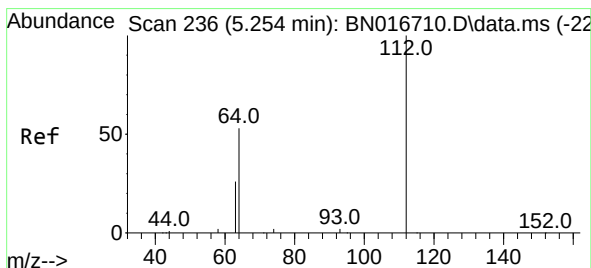
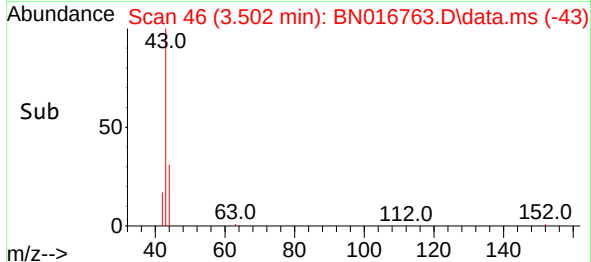
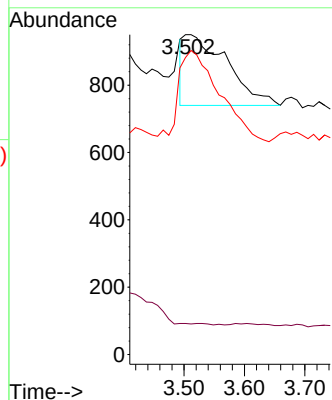
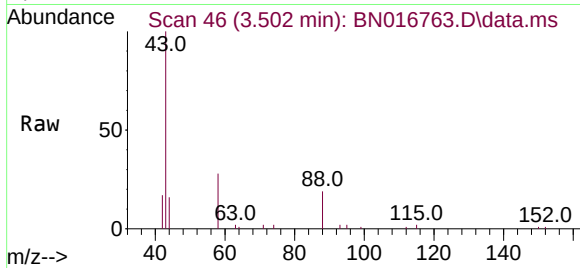




#3
n-Nitrosodimethylamine
Concen: 0.051 ng
RT: 3.502 min Scan# 46
Delta R.T. -0.073 min
Lab File: BN016763.D
Acq: 06 Oct 2021 04:29

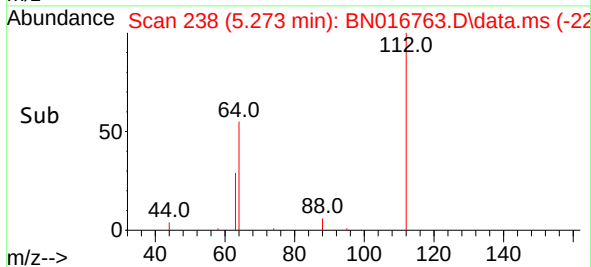
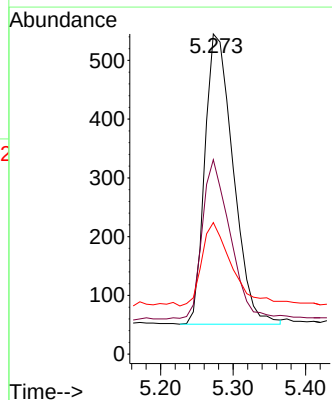
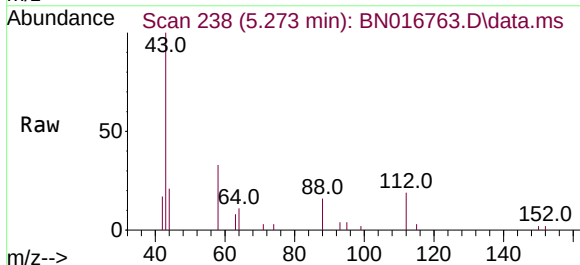
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ClientSampleId :
RE109D3-20210922

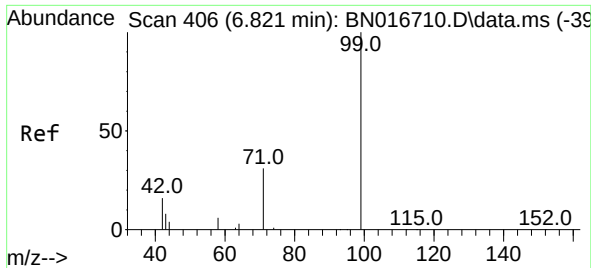
Tgt Ion: 42 Resp: 1042
Ion Ratio Lower Upper
42 100
74 0.0 124.0 186.0#
44 106.2 5.6 8.4#



#4
2-Fluorophenol
Concen: 0.019 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016763.D
Acq: 06 Oct 2021 04:29

Tgt Ion: 112 Resp: 1342
Ion Ratio Lower Upper
112 100
64 53.5 42.9 64.3
63 30.0 21.5 32.3

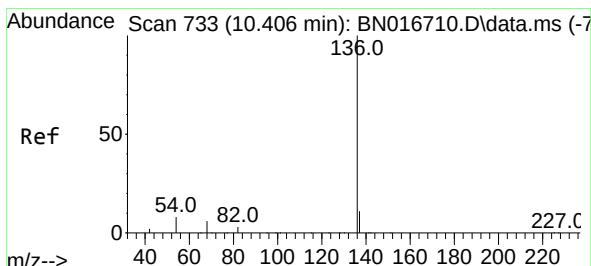
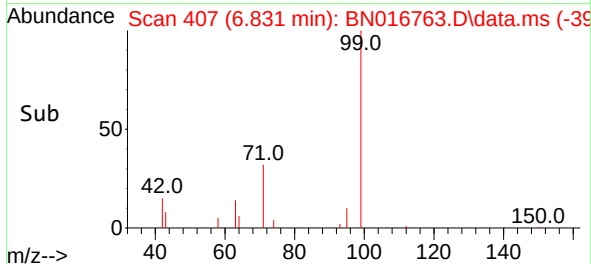
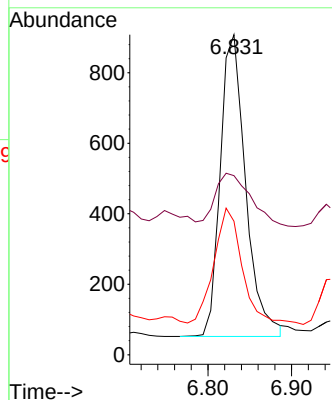
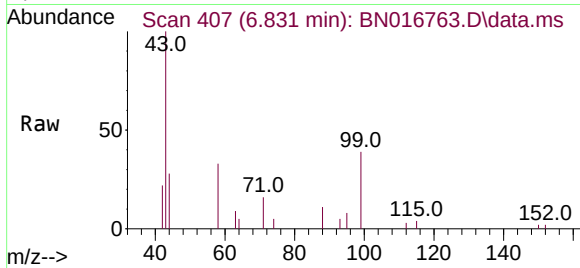




#5
Phenol-d6
Concen: 0.023 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.010 min
Lab File: BN016763.D
Acq: 06 Oct 2021 04:29

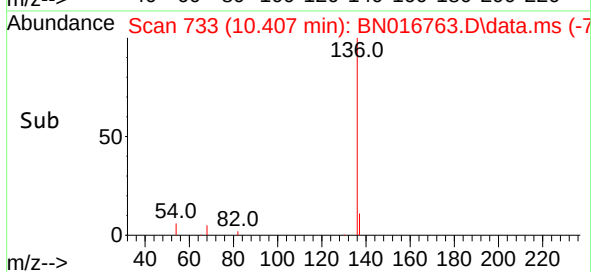
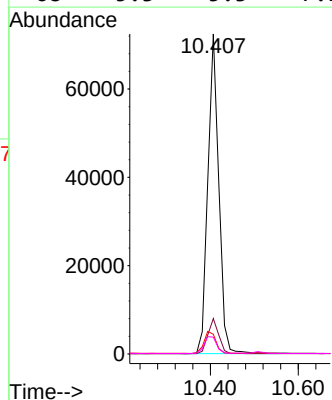
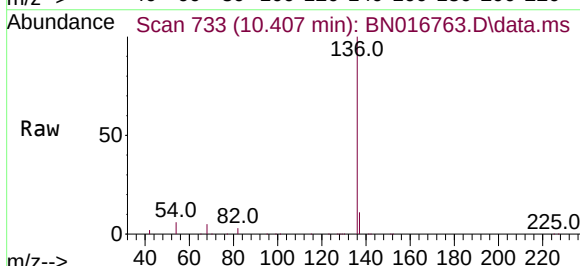
Instrument :
BNA_N
ClientSampleId :
RE109D3-20210922

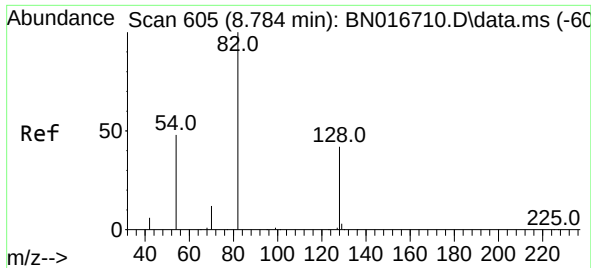
Tgt Ion: 99 Resp: 1799
Ion Ratio Lower Upper
99 100
42 22.5 13.4 20.2#
71 41.3 24.0 36.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016763.D
Acq: 06 Oct 2021 04:29

Tgt Ion: 136 Resp: 124814
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.2 6.5 9.7#
68 5.3 5.3 7.9#

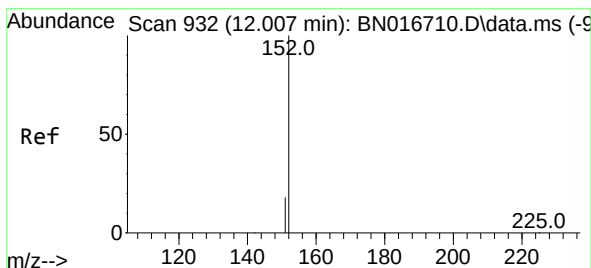
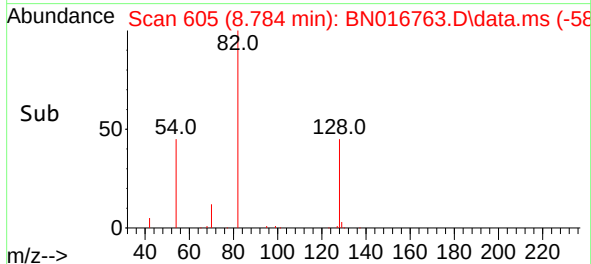
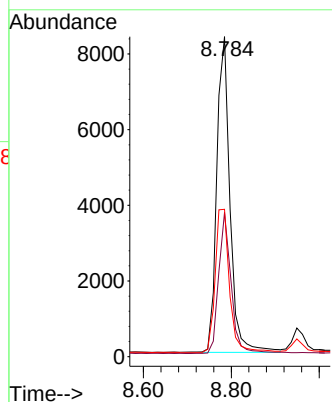
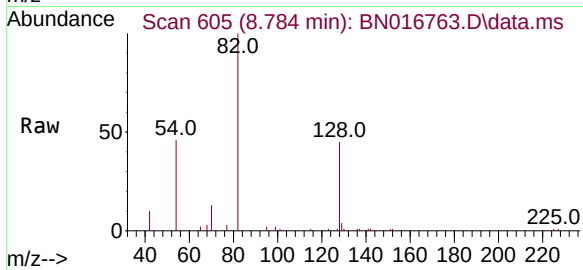




#8
Nitrobenzene-d5
Concen: 0.198 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016763.D
Acq: 06 Oct 2021 04:29

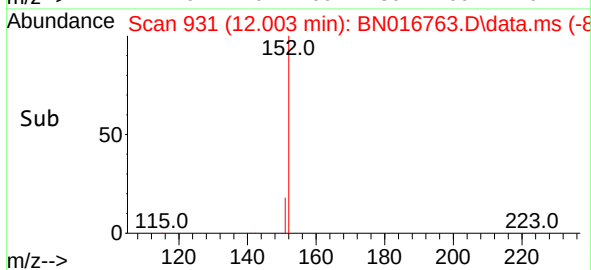
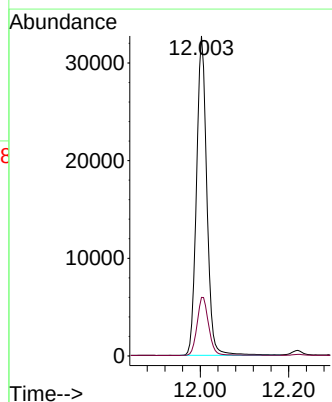
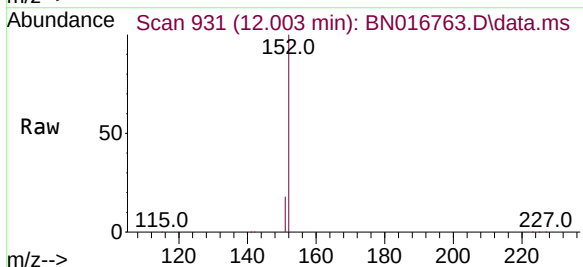
Instrument :
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ClientSampleId :
RE109D3-20210922

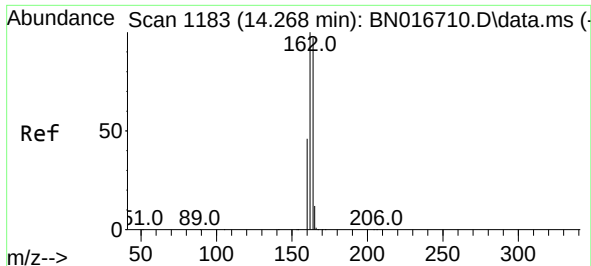
Tgt Ion: 82 Resp: 17346
Ion Ratio Lower Upper
82 100
128 45.1 33.8 50.6
54 46.0 38.5 57.7



#11
2-Methylnaphthalene-d10
Concen: 0.286 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016763.D
Acq: 06 Oct 2021 04:29

Tgt Ion: 152 Resp: 53098
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4

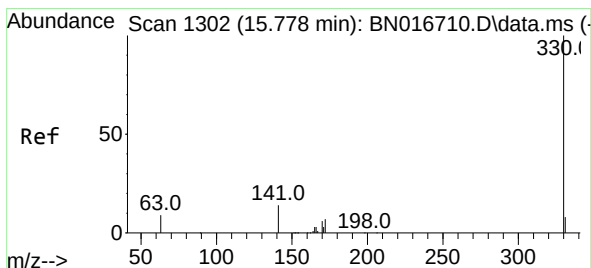
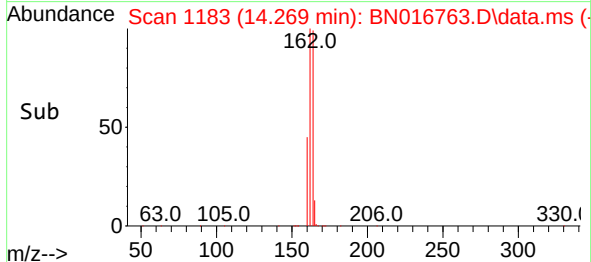
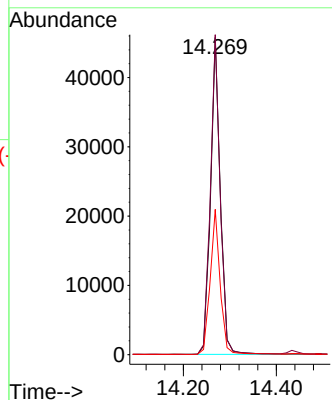
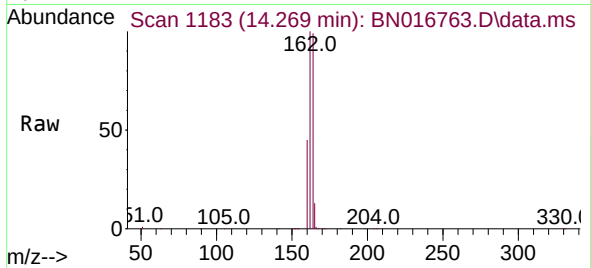




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016763.D
Acq: 06 Oct 2021 04:29

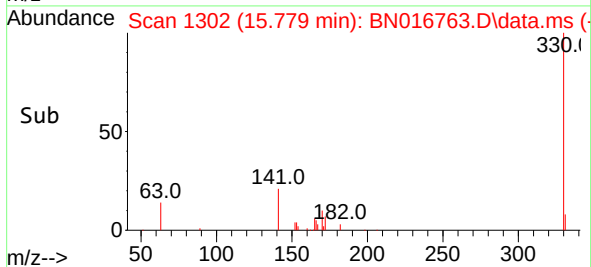
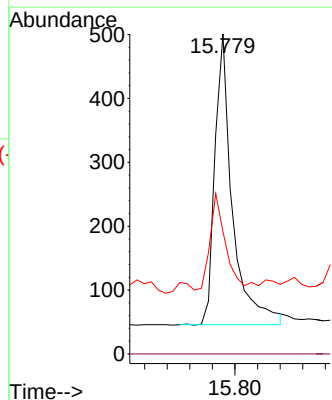
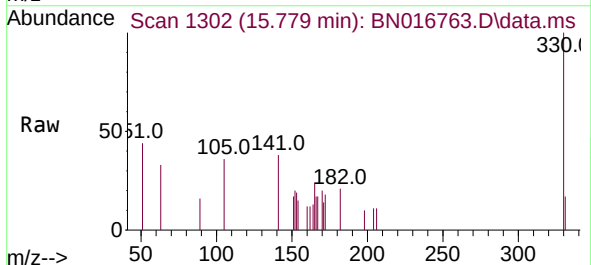
Instrument :
BNA_N
ClientSampleId :
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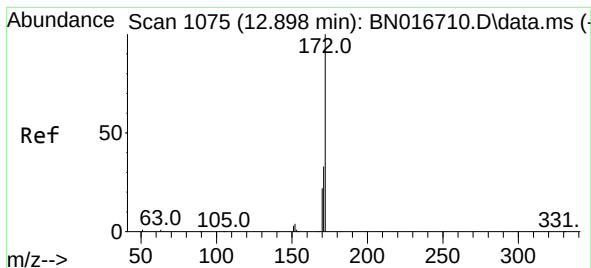
Tgt Ion:164 Resp: 67005
Ion Ratio Lower Upper
164 100
162 100.9 82.6 124.0
160 45.8 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.142 ng
RT: 15.779 min Scan# 1302
Delta R.T. 0.001 min
Lab File: BN016763.D
Acq: 06 Oct 2021 04:29

Tgt Ion:330 Resp: 980
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.3 24.2 36.2

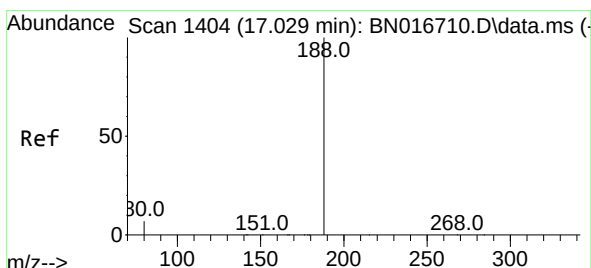
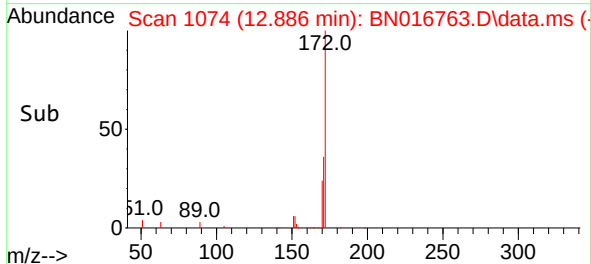
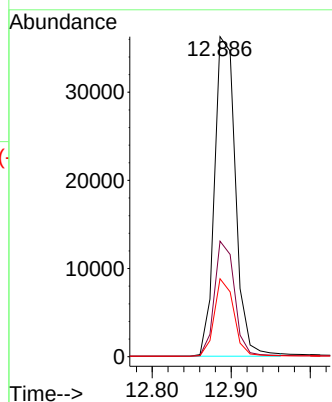
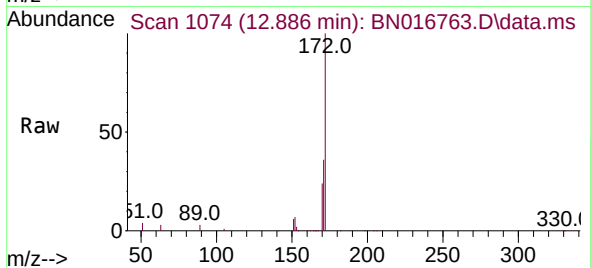




#15
2-Fluorobiphenyl
Concen: 0.249 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016763.D
Acq: 06 Oct 2021 04:29

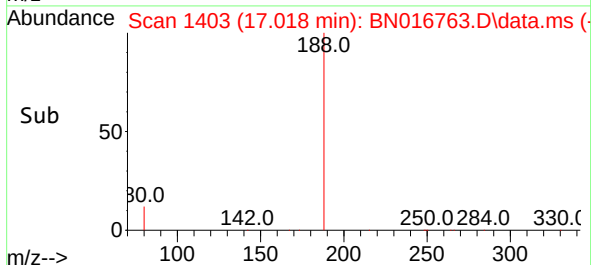
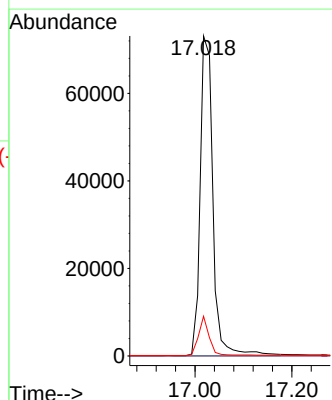
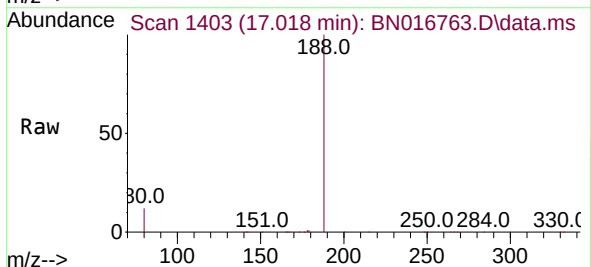
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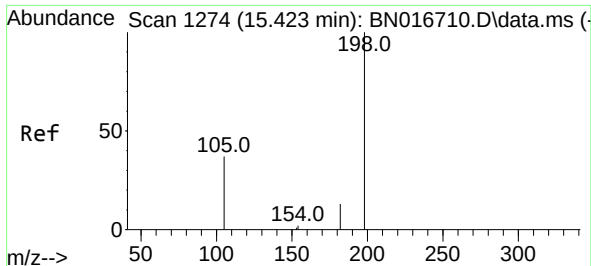
Tgt Ion:172 Resp: 66846
Ion Ratio Lower Upper
172 100
171 36.1 26.9 40.3
170 24.3 17.4 26.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016763.D
Acq: 06 Oct 2021 04:29

Tgt Ion:188 Resp: 133545
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 5.8 8.8#

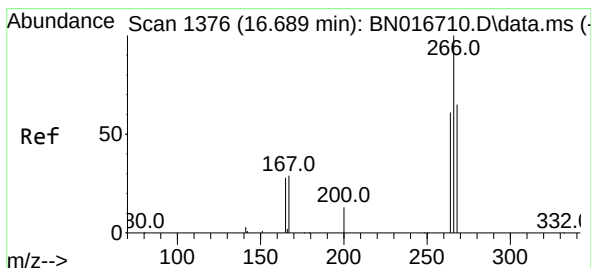
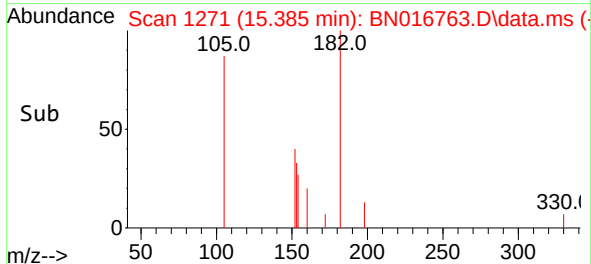
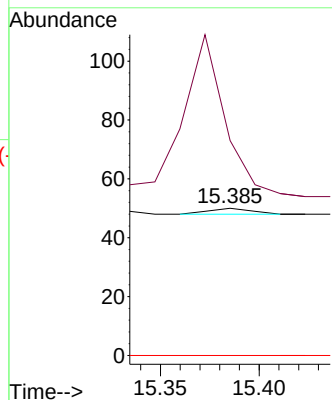
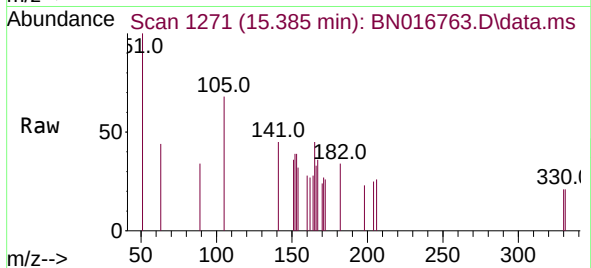




#20
4,6-Dinitro-2-methylphenol
Concen: 0.266 ng
RT: 15.385 min Scan# 1271
Delta R.T. -0.038 min
Lab File: BN016763.D
Acq: 06 Oct 2021 04:29

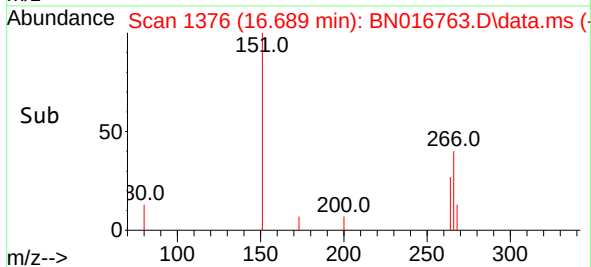
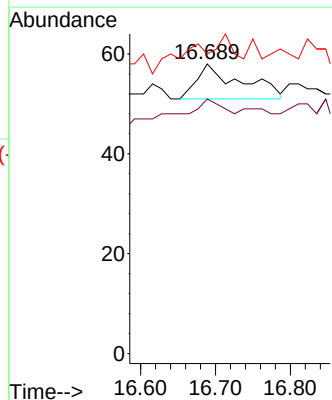
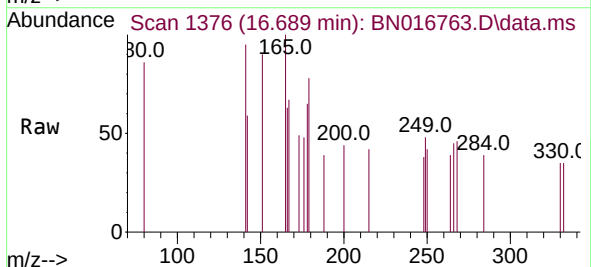
Instrument :
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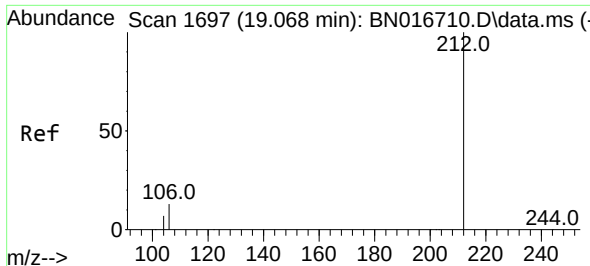
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
182 146.0 26.2 39.2#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.339 ng
RT: 16.689 min Scan# 1376
Delta R.T. -0.000 min
Lab File: BN016763.D
Acq: 06 Oct 2021 04:29

Tgt Ion:266 Resp: 28
Ion Ratio Lower Upper
266 100
264 42.9 49.3 73.9#
268 64.3 51.8 77.8

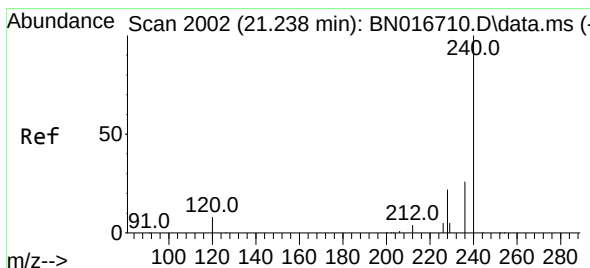
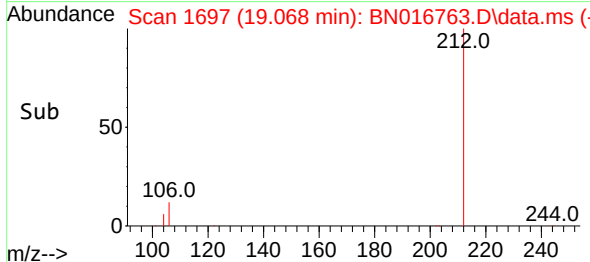
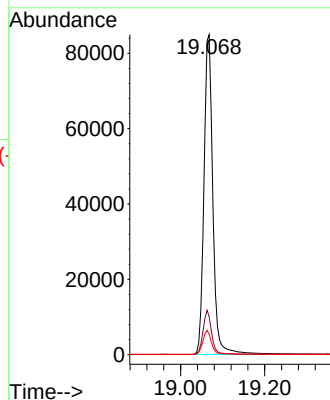
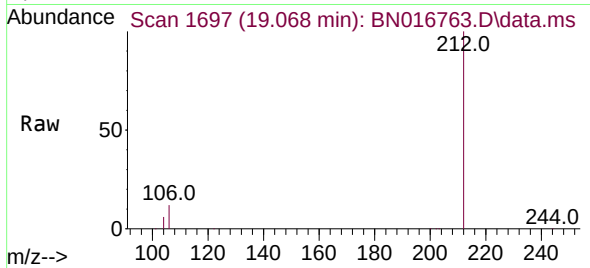




#27
Fluoranthene-d10
Concen: 0.342 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016763.D
Acq: 06 Oct 2021 04:29

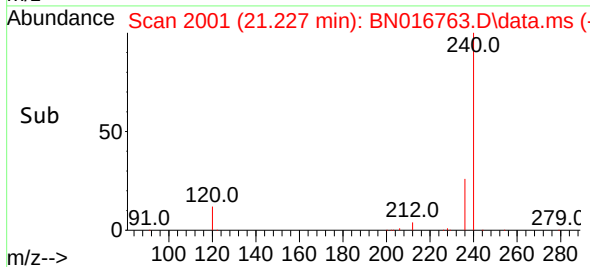
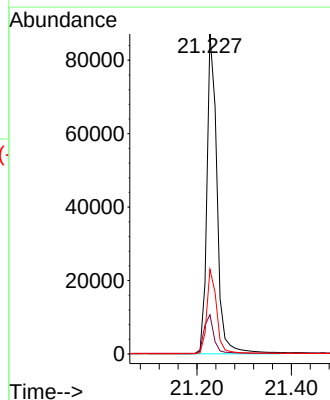
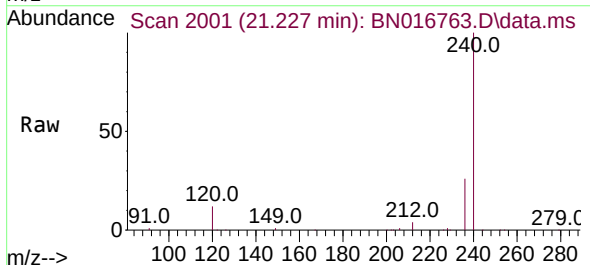
Instrument :
BNA_N
ClientSampleId :
RE109D3-20210922

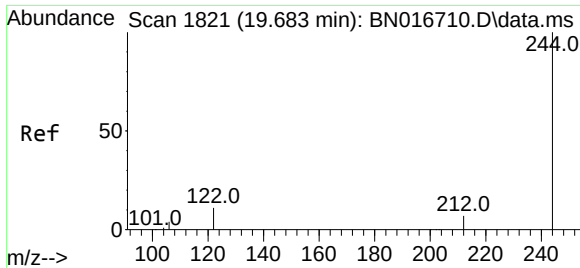
Tgt Ion:212 Resp: 125104
Ion Ratio Lower Upper
212 100
106 13.2 10.6 16.0
104 7.3 5.8 8.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.010 min
Lab File: BN016763.D
Acq: 06 Oct 2021 04:29

Tgt Ion:240 Resp: 129131
Ion Ratio Lower Upper
240 100
120 12.2 6.6 10.0#
236 26.5 20.7 31.1

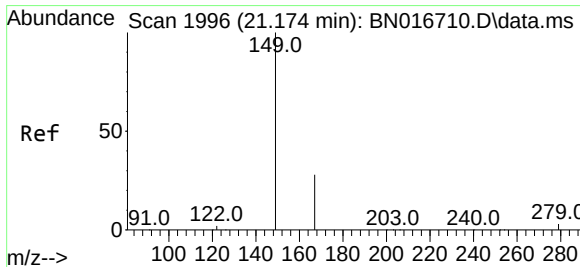
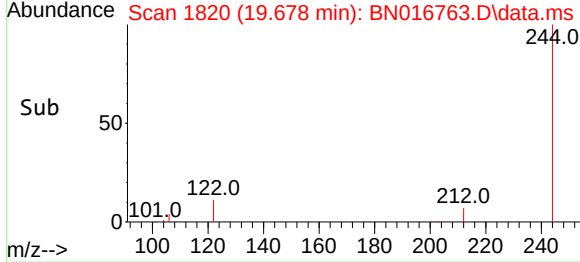
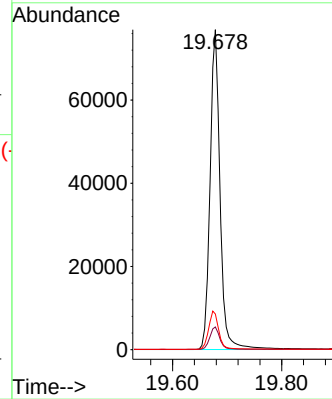
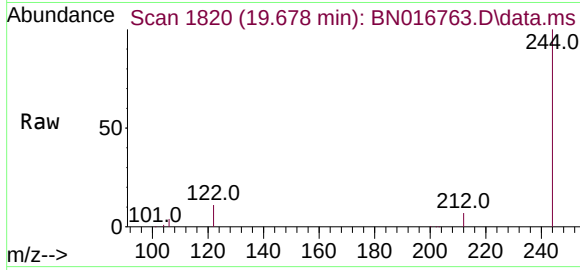




#31
Terphenyl-d14
Concen: 0.340 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.005 min
Lab File: BN016763.D
Acq: 06 Oct 2021 04:29

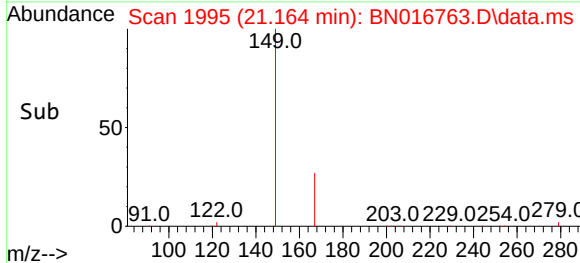
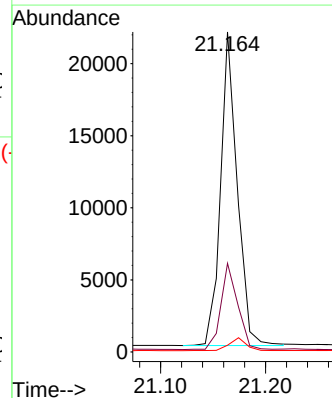
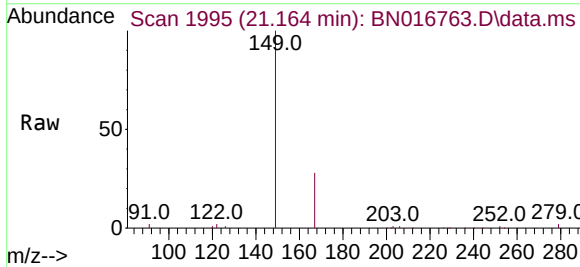
Instrument :
BNA_N
ClientSampleId :
RE109D3-20210922

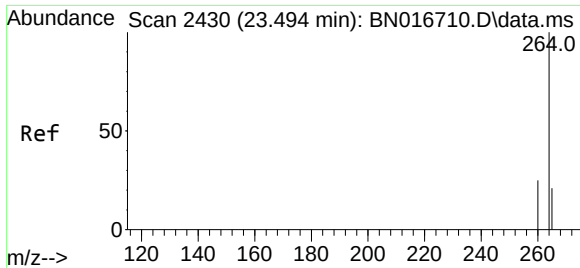
Tgt Ion:244	Resp:	98333
Ion Ratio	Lower	Upper
244	100	
212	7.1	5.8 8.6
122	11.1	8.9 13.3



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.099 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.010 min
Lab File: BN016763.D
Acq: 06 Oct 2021 04:29

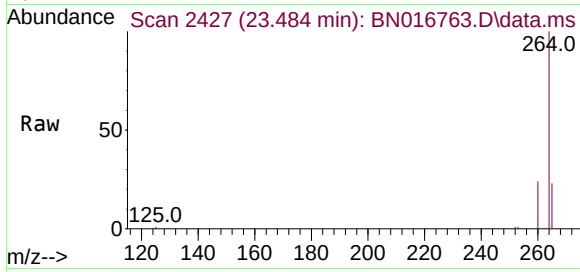
Tgt Ion:149	Resp:	24047
Ion Ratio	Lower	Upper
149	100	
167	27.6	22.2 33.4
279	4.2	3.4 5.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.484 min Scan# 2427
 Delta R.T. -0.010 min
 Lab File: BN016763.D
 Acq: 06 Oct 2021 04:29

Instrument :
 BNA_N
 ClientSampleId :
 RE109D3-20210922



Tgt Ion:264 Resp: 130342

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.6
265	22.7	20.3	30.5

