

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101321\
 Data File : BN016919.D
 Acq On : 13 Oct 2021 04:24
 Operator : CG/JU
 Sample : M4154-05 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-32

Quant Time: Oct 13 06:20:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 13 02:19:57 2021
 Response via : Initial Calibration

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

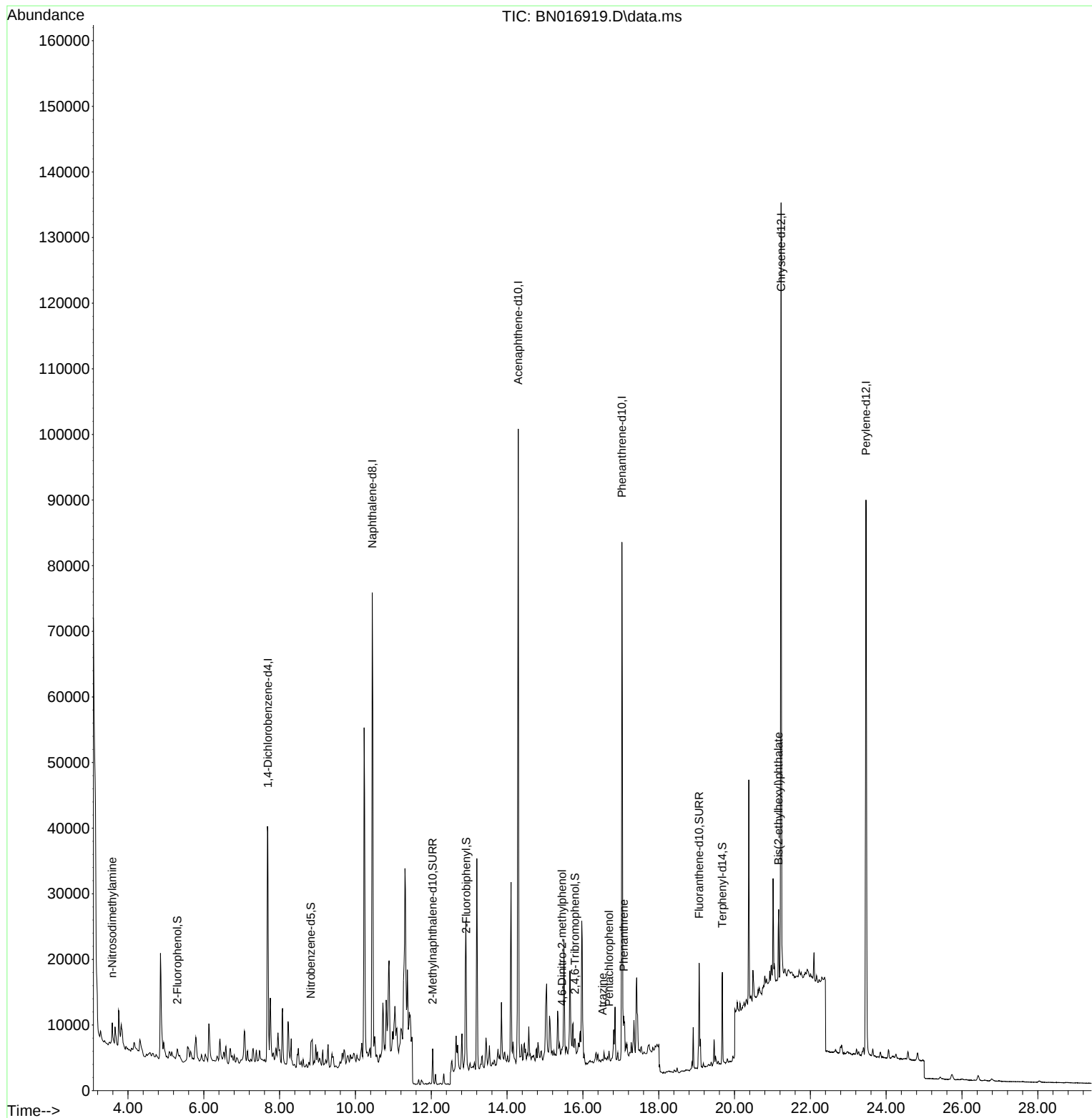
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	21826	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	98615	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	54983	0.400	ng	0.00
19) Phenanthrene-d10	17.030	188	106034	0.400	ng	#-0.01
29) Chrysene-d12	21.227	240	106765	0.400	ng	# 0.00
35) Perylene-d12	23.467	264	112705	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	1531	0.031	ng	0.00
5) Phenol-d6	6.868	99	987	0.018	ng	0.00
8) Nitrobenzene-d5	8.822	82	3540	0.056	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	7291	0.053	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	1816	0.073	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	10176	0.049	ng	0.00
27) Fluoranthene-d10	19.068	212	17292	0.065	ng	0.00
31) Terphenyl-d14	19.678	244	13808	0.059	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.585	42	419	0.025	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.449	198	151	0.205	ng	# 1
23) Atrazine	16.519	200	265	0.094	ng	# 4
24) Pentachlorophenol	16.689	266	674	0.217	ng	98
25) Phenanthrene	17.078	178	6488	0.022	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.164	149	10116	0.241	ng	100

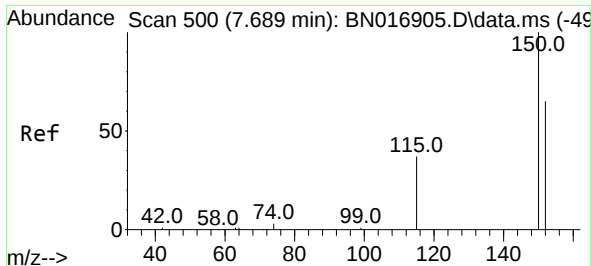
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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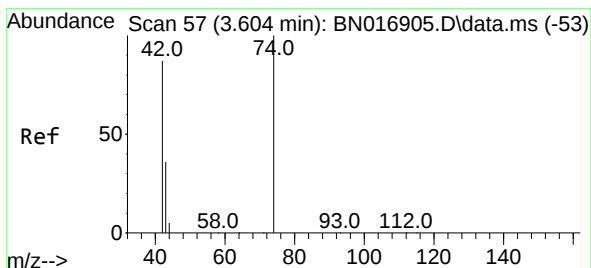
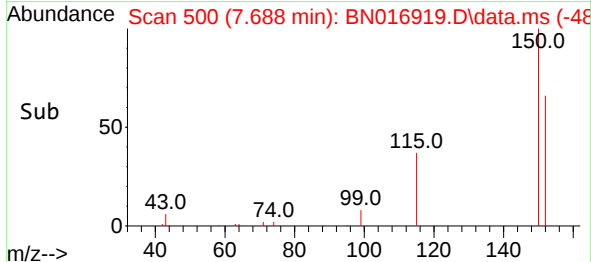
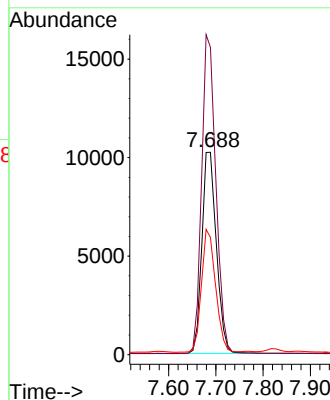
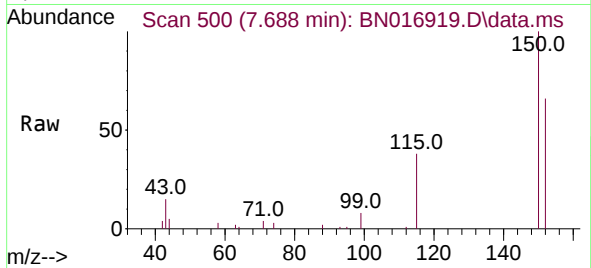




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.688 min Scan# 500
Delta R.T. -0.001 min
Lab File: BN016919.D
Acq: 13 Oct 2021 04:24

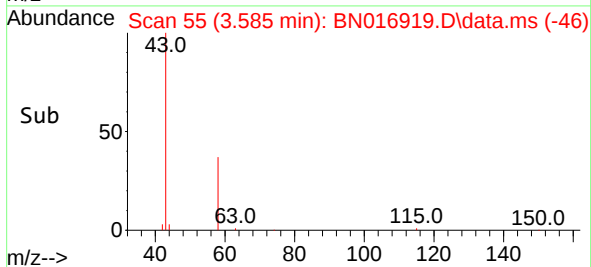
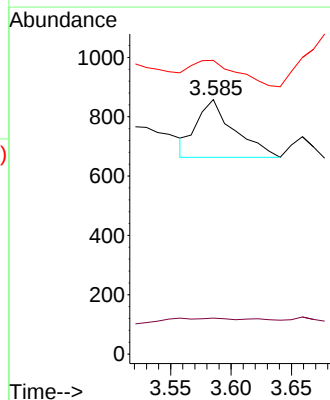
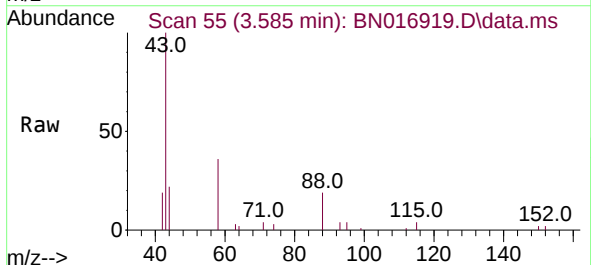
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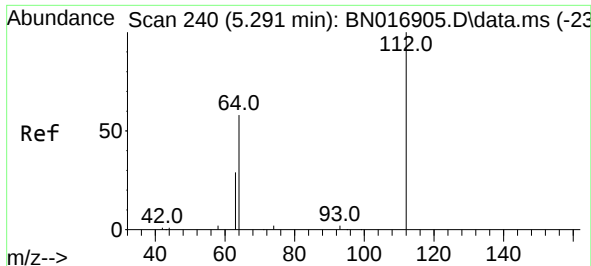
Tgt Ion:152 Resp: 21826
Ion Ratio Lower Upper
152 100
150 151.9 122.6 183.8
115 58.0 46.1 69.1



#3
n-Nitrosodimethylamine
Concen: 0.025 ng
RT: 3.585 min Scan# 55
Delta R.T. -0.019 min
Lab File: BN016919.D
Acq: 13 Oct 2021 04:24

Tgt Ion: 42 Resp: 419
Ion Ratio Lower Upper
42 100
74 0.0 114.4 171.6#
44 56.1 5.7 8.5#

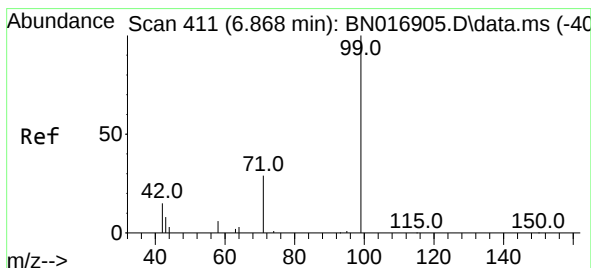
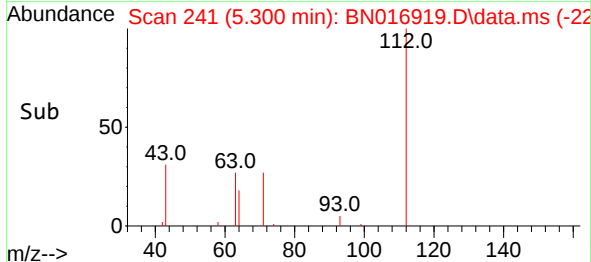
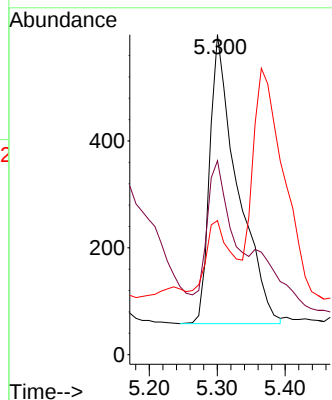
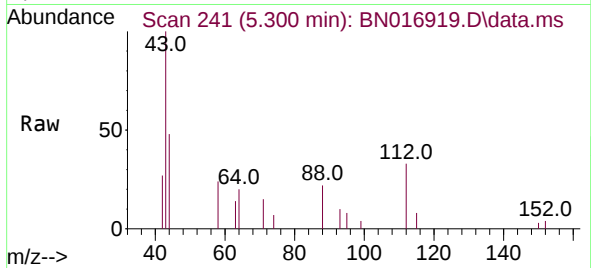




#4
2-Fluorophenol
Concen: 0.031 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.009 min
Lab File: BN016919.D
Acq: 13 Oct 2021 04:24

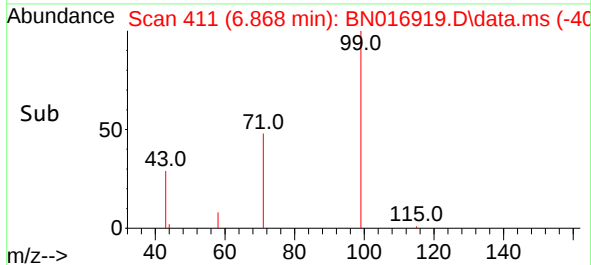
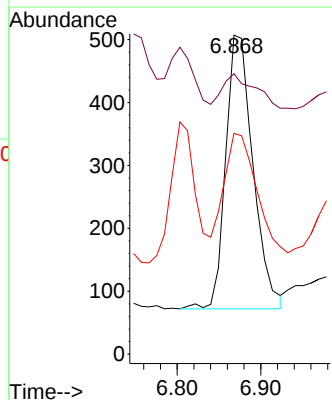
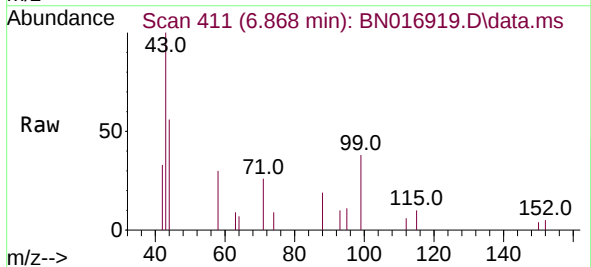
Instrument :
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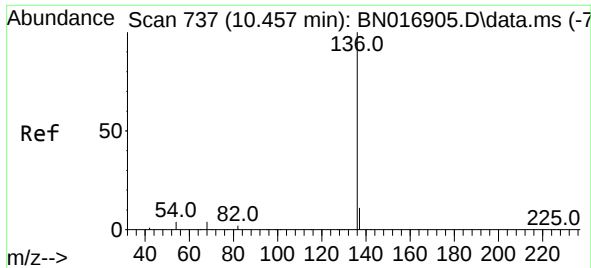
Tgt Ion:112 Resp: 1531
Ion Ratio Lower Upper
112 100
64 40.5 45.0 67.4#
63 22.1 22.6 33.8#



#5
Phenol-d6
Concen: 0.018 ng
RT: 6.868 min Scan# 411
Delta R.T. -0.000 min
Lab File: BN016919.D
Acq: 13 Oct 2021 04:24

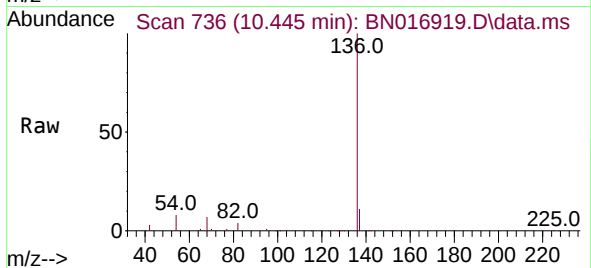
Tgt Ion: 99 Resp: 987
Ion Ratio Lower Upper
99 100
42 14.5 14.2 21.4
71 50.7 24.5 36.7#



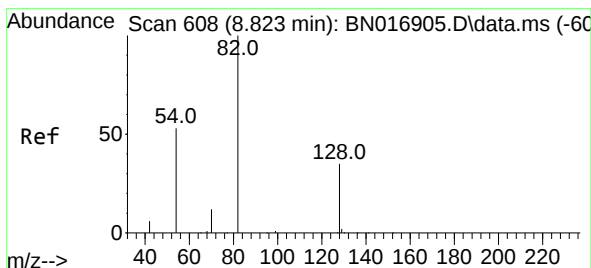
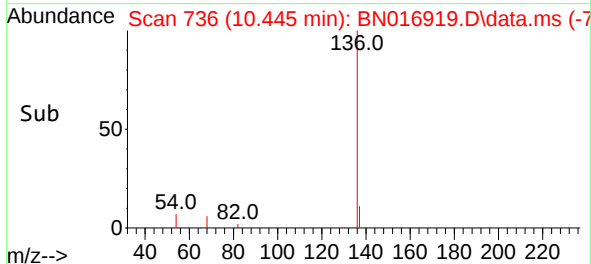
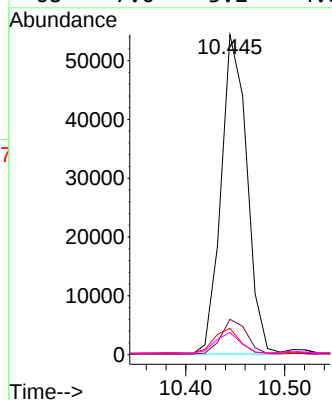


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 736
Delta R.T. -0.012 min
Lab File: BN016919.D
Acq: 13 Oct 2021 04:24

Instrument :
BNA_N
ClientSampleId :
SW-CB-32

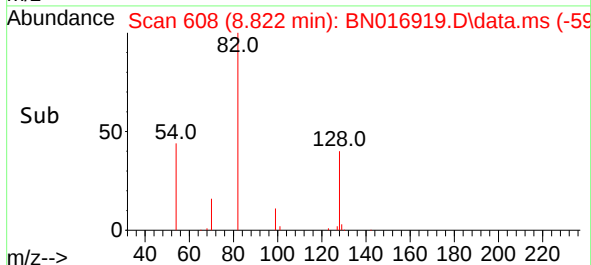
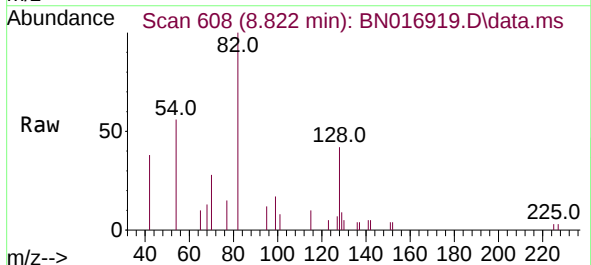
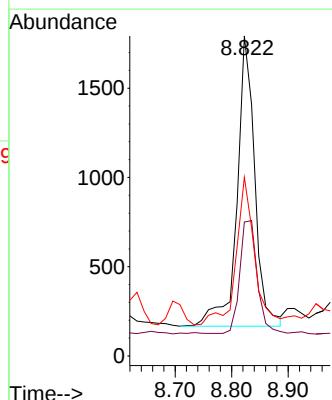


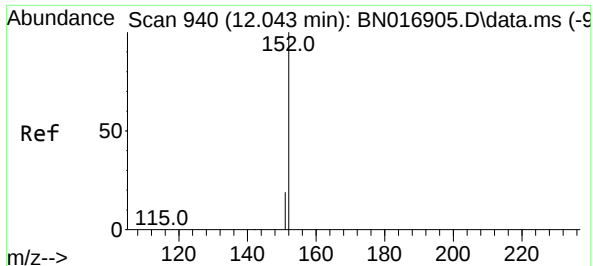
Tgt Ion:	136	Resp:	98615
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.2	3.7	5.5#
68	7.0	3.2	4.8#



#8
Nitrobenzene-d5
Concen: 0.056 ng
RT: 8.822 min Scan# 608
Delta R.T. -0.000 min
Lab File: BN016919.D
Acq: 13 Oct 2021 04:24

Tgt Ion:	82	Resp:	3540
Ion	Ratio	Lower	Upper
82	100		
128	41.8	28.3	42.5
54	55.8	43.0	64.4

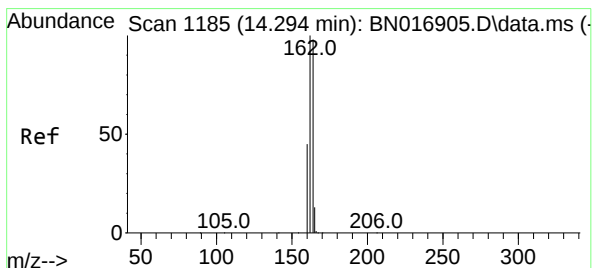
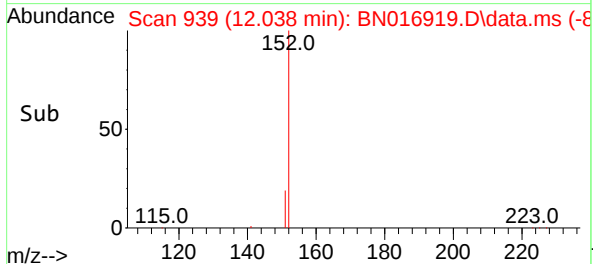
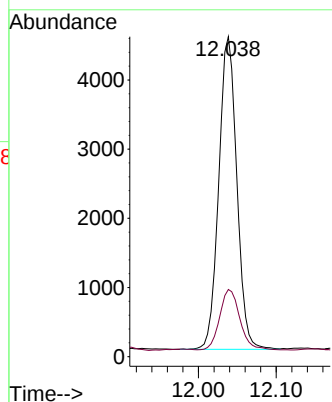
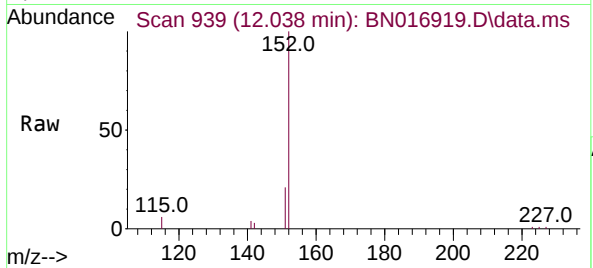




#11
2-Methylnaphthalene-d10
Concen: 0.053 ng
RT: 12.038 min Scan# 939
Delta R.T. -0.005 min
Lab File: BN016919.D
Acq: 13 Oct 2021 04:24

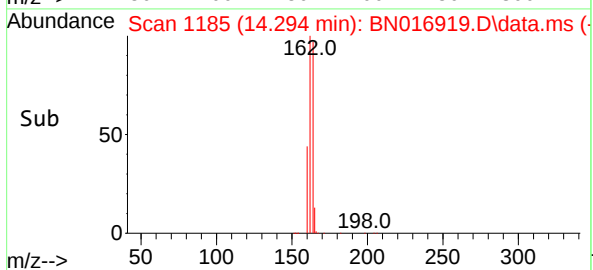
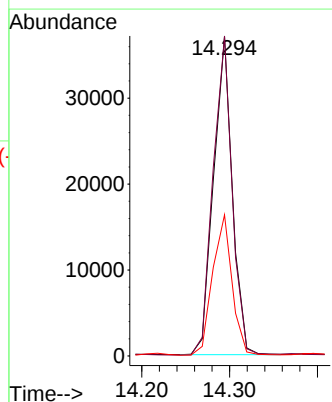
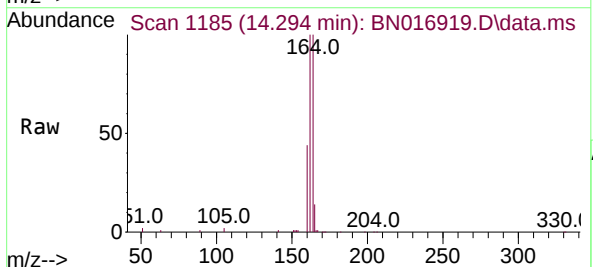
Instrument :
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ClientSampleId :
SW-CB-32

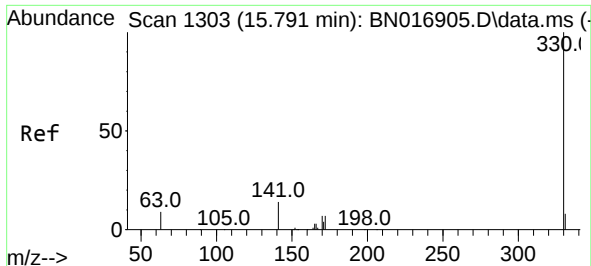
Tgt Ion:152 Resp: 7291
Ion Ratio Lower Upper
152 100
151 22.0 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016919.D
Acq: 13 Oct 2021 04:24

Tgt Ion:164 Resp: 54983
Ion Ratio Lower Upper
164 100
162 100.0 81.4 122.0
160 44.1 37.0 55.4

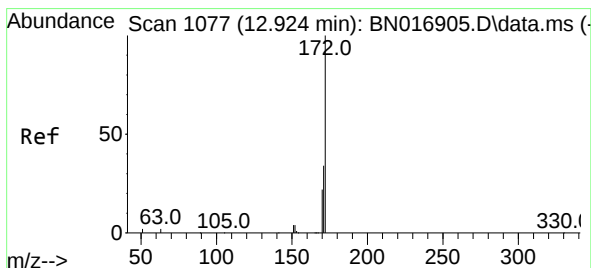
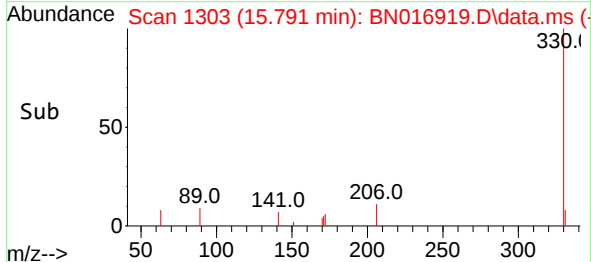
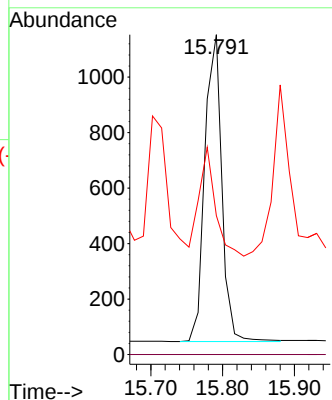
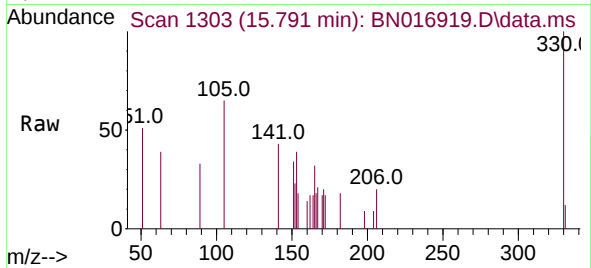




#14
 2,4,6-Tribromophenol
 Concen: 0.073 ng
 RT: 15.791 min Scan# 1303
 Delta R.T. 0.000 min
 Lab File: BN016919.D
 Acq: 13 Oct 2021 04:24

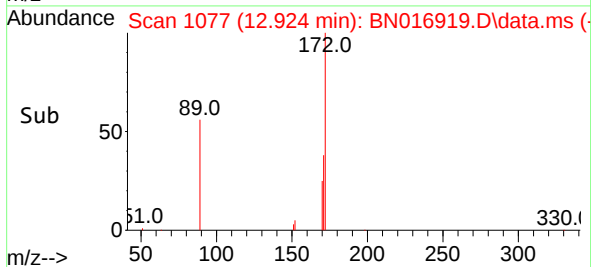
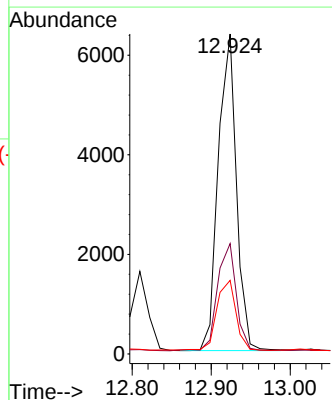
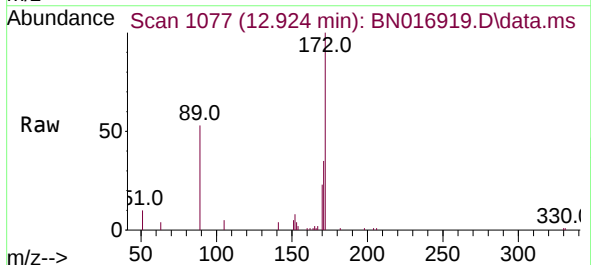
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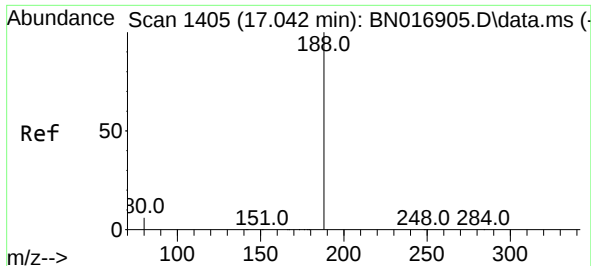
Tgt Ion:	330	Resp:	1816
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	33.6	24.4	36.6



#15
 2-Fluorobiphenyl
 Concen: 0.049 ng
 RT: 12.924 min Scan# 1077
 Delta R.T. -0.000 min
 Lab File: BN016919.D
 Acq: 13 Oct 2021 04:24

Tgt Ion:	172	Resp:	10176
Ion Ratio	Lower	Upper	
172	100		
171	34.5	27.4	41.0
170	23.0	18.1	27.1

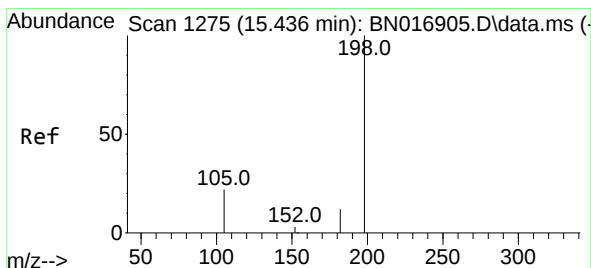
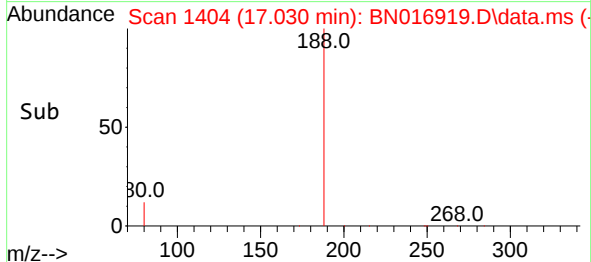
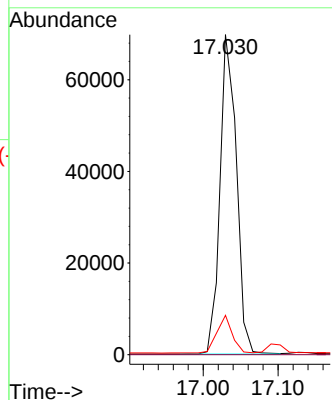
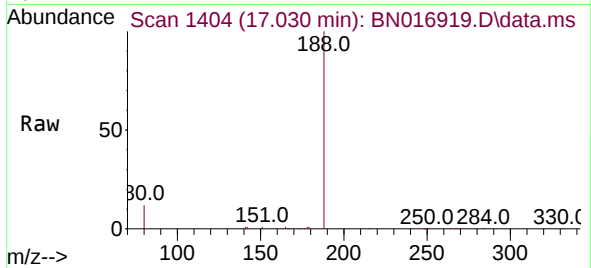




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BN016919.D
Acq: 13 Oct 2021 04:24

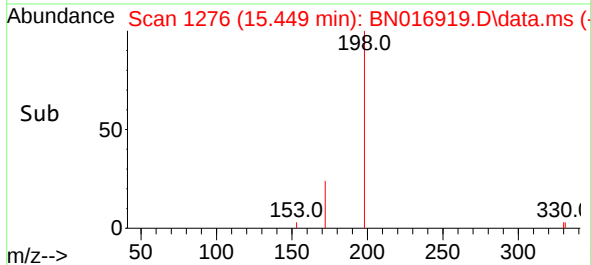
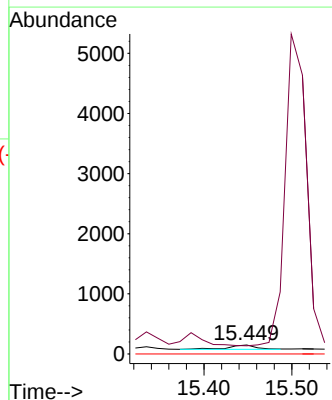
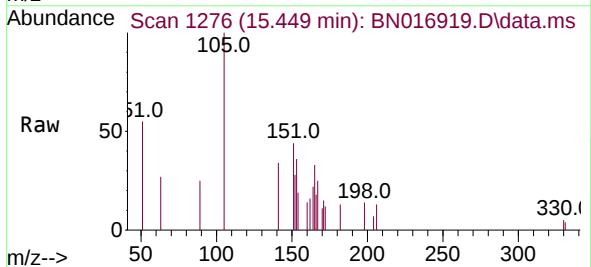
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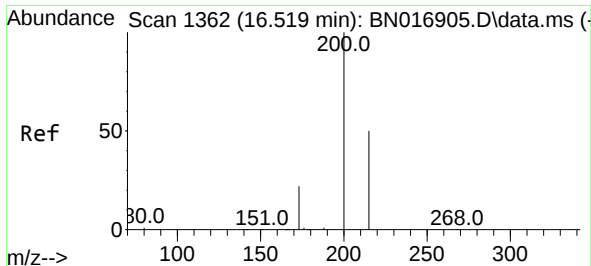
Tgt Ion:188 Resp: 106034
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.3 4.9 7.3#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.205 ng
RT: 15.449 min Scan# 1276
Delta R.T. 0.013 min
Lab File: BN016919.D
Acq: 13 Oct 2021 04:24

Tgt Ion:198 Resp: 151
Ion Ratio Lower Upper
198 100
182 91.9 11.0 16.6#
77 0.0 0.0 0.0

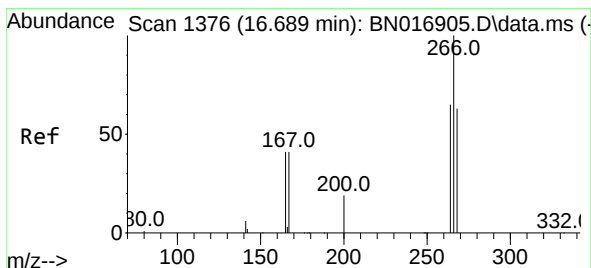
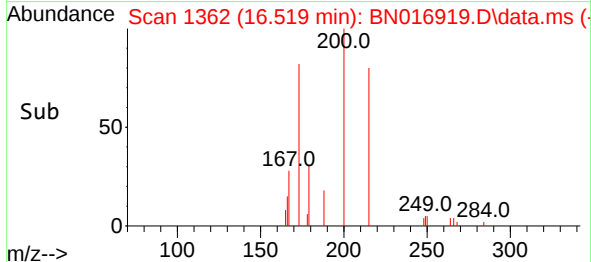
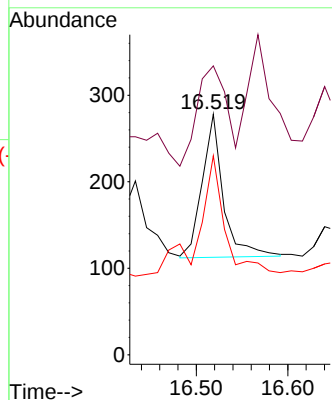
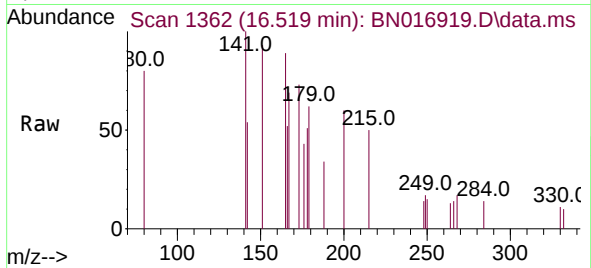




#23
Atrazine
Concen: 0.094 ng
RT: 16.519 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BN016919.D
Acq: 13 Oct 2021 04:24

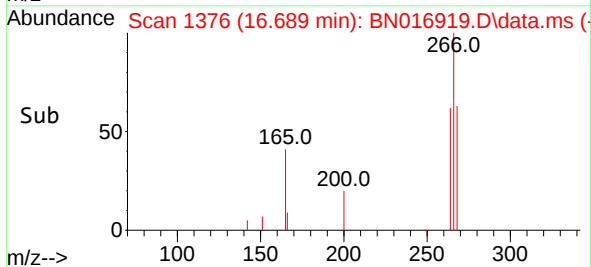
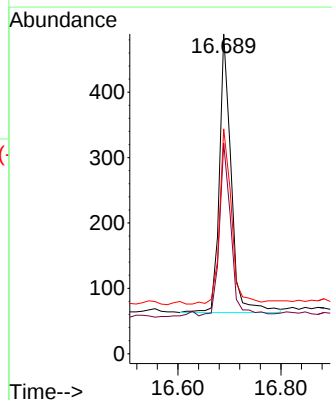
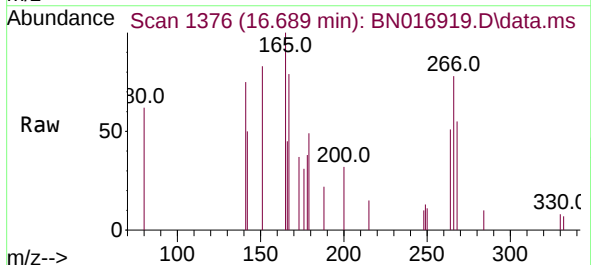
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BNA_N
ClientSampleId :
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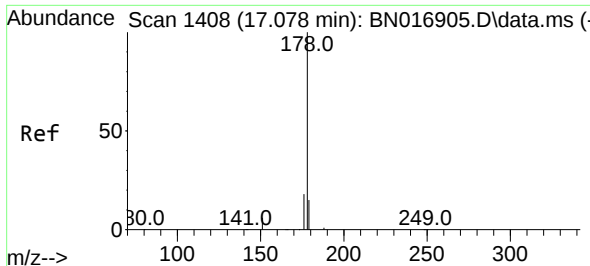
Tgt Ion:200 Resp: 265
Ion Ratio Lower Upper
200 100
173 120.1 18.0 27.0#
215 82.7 40.0 60.0#



#24
Pentachlorophenol
Concen: 0.217 ng
RT: 16.689 min Scan# 1376
Delta R.T. -0.000 min
Lab File: BN016919.D
Acq: 13 Oct 2021 04:24

Tgt Ion:266 Resp: 674
Ion Ratio Lower Upper
266 100
264 60.8 50.5 75.7
268 62.9 51.2 76.8

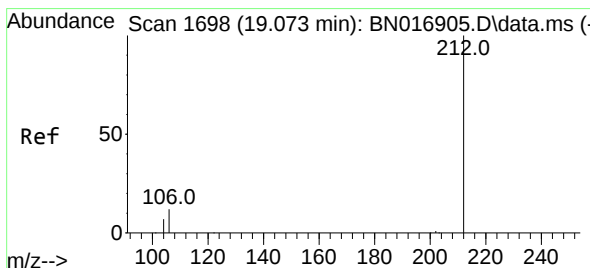
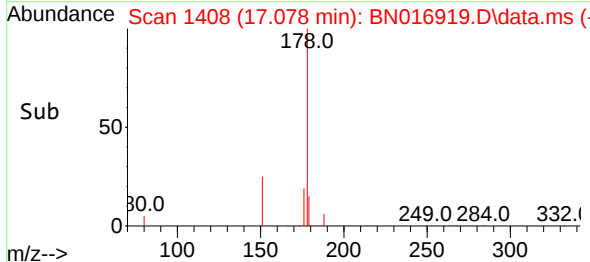
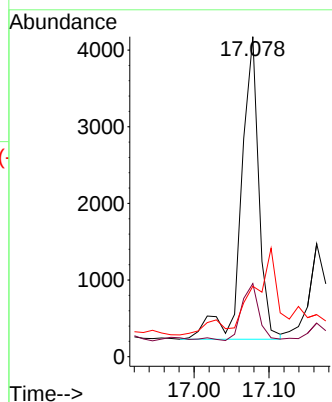
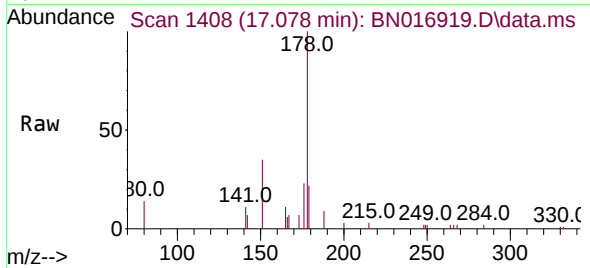




#25
Phenanthrene
Concen: 0.022 ng
RT: 17.078 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BN016919.D
Acq: 13 Oct 2021 04:24

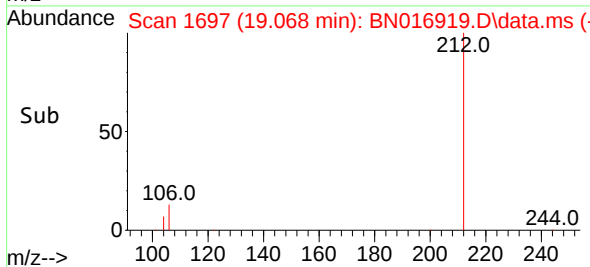
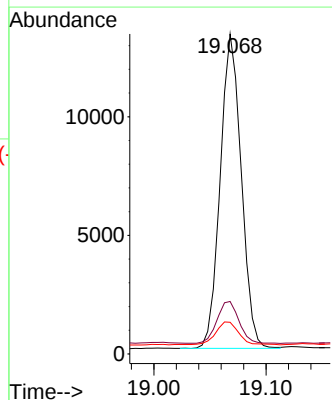
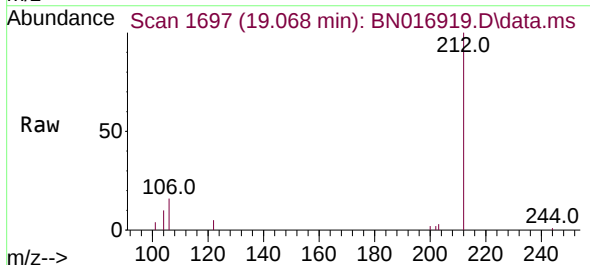
Instrument :
BNA_N
ClientSampleId :
SW-CB-32

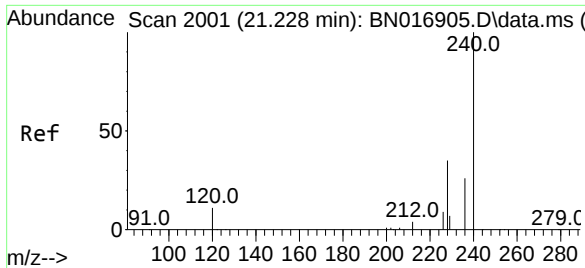
Tgt Ion:178 Resp: 6488
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.4
179 0.0 12.3 18.5#



#27
Fluoranthene-d10
Concen: 0.065 ng
RT: 19.068 min Scan# 1697
Delta R.T. -0.005 min
Lab File: BN016919.D
Acq: 13 Oct 2021 04:24

Tgt Ion:212 Resp: 17292
Ion Ratio Lower Upper
212 100
106 13.9 10.7 16.1
104 8.1 5.8 8.8

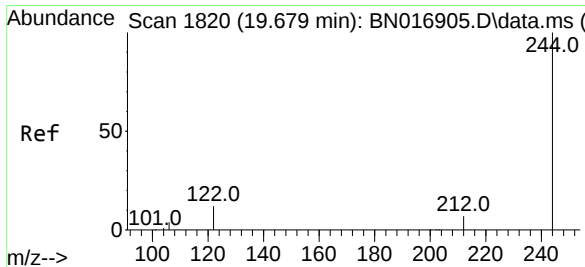
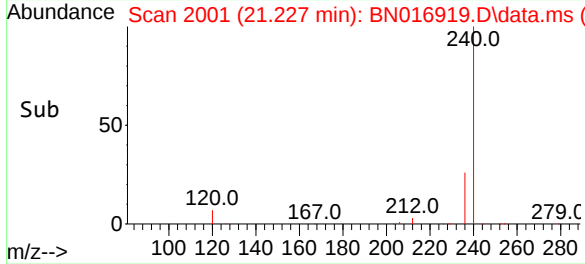
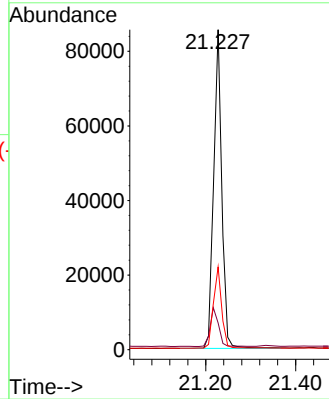
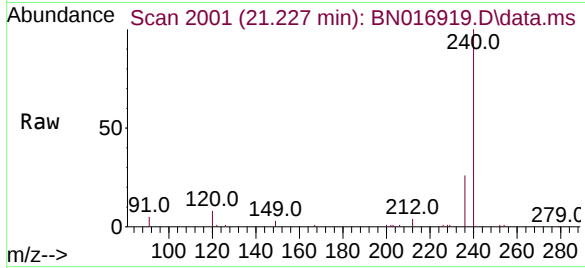




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BN016919.D
Acq: 13 Oct 2021 04:24

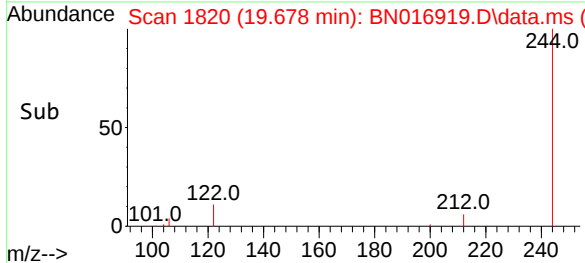
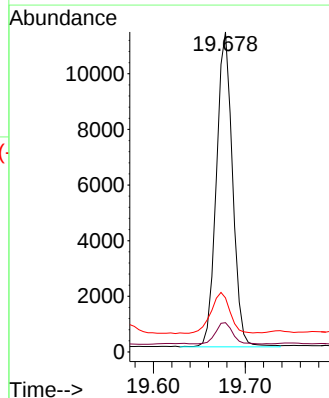
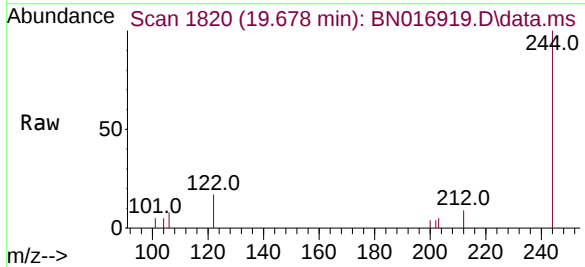
Instrument :
BNA_N
ClientSampleId :
SW-CB-32

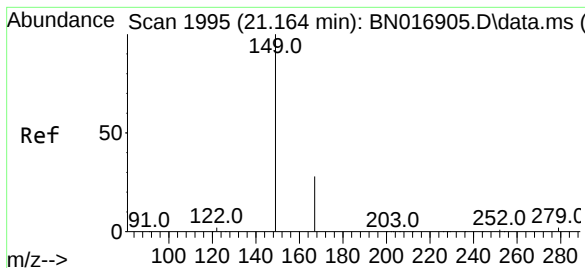
Tgt Ion:240 Resp: 106765
Ion Ratio Lower Upper
240 100
120 8.3 8.6 12.8#
236 25.9 21.0 31.4



#31
Terphenyl-d14
Concen: 0.059 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.000 min
Lab File: BN016919.D
Acq: 13 Oct 2021 04:24

Tgt Ion:244 Resp: 13808
Ion Ratio Lower Upper
244 100
212 9.1 5.7 8.5#
122 16.9 9.8 14.6#

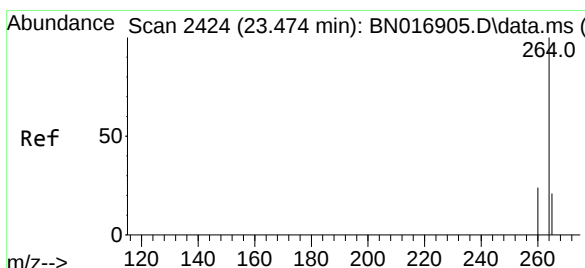
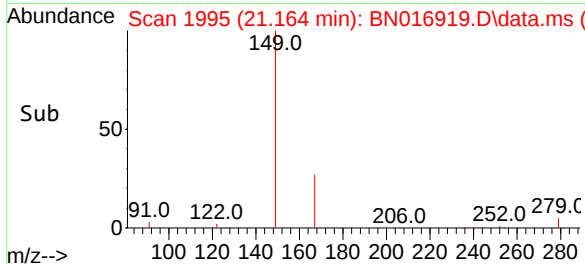
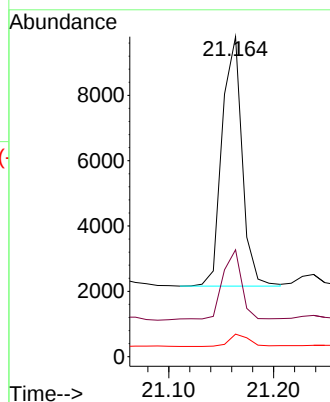
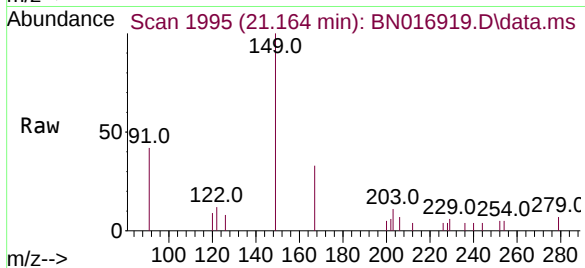




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.241 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN016919.D
Acq: 13 Oct 2021 04:24

Instrument :
BNA_N
ClientSampleId :
SW-CB-32

Tgt Ion:149 Resp: 10116
Ion Ratio Lower Upper
149 100
167 27.7 22.1 33.1
279 5.0 3.4 5.0



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.467 min Scan# 2422
Delta R.T. -0.007 min
Lab File: BN016919.D
Acq: 13 Oct 2021 04:24

Tgt Ion:264 Resp: 112705
Ion Ratio Lower Upper
264 100
260 24.7 19.4 29.2
265 24.1 18.6 27.8

