

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN123021\
 Data File : BN018298.D
 Acq On : 30 Dec 2021 16:10
 Operator : CG/JU
 Sample : M5212-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB122121

Quant Time: Dec 31 08:22:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 29 16:08:47 2021
 Response via : Initial Calibration

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

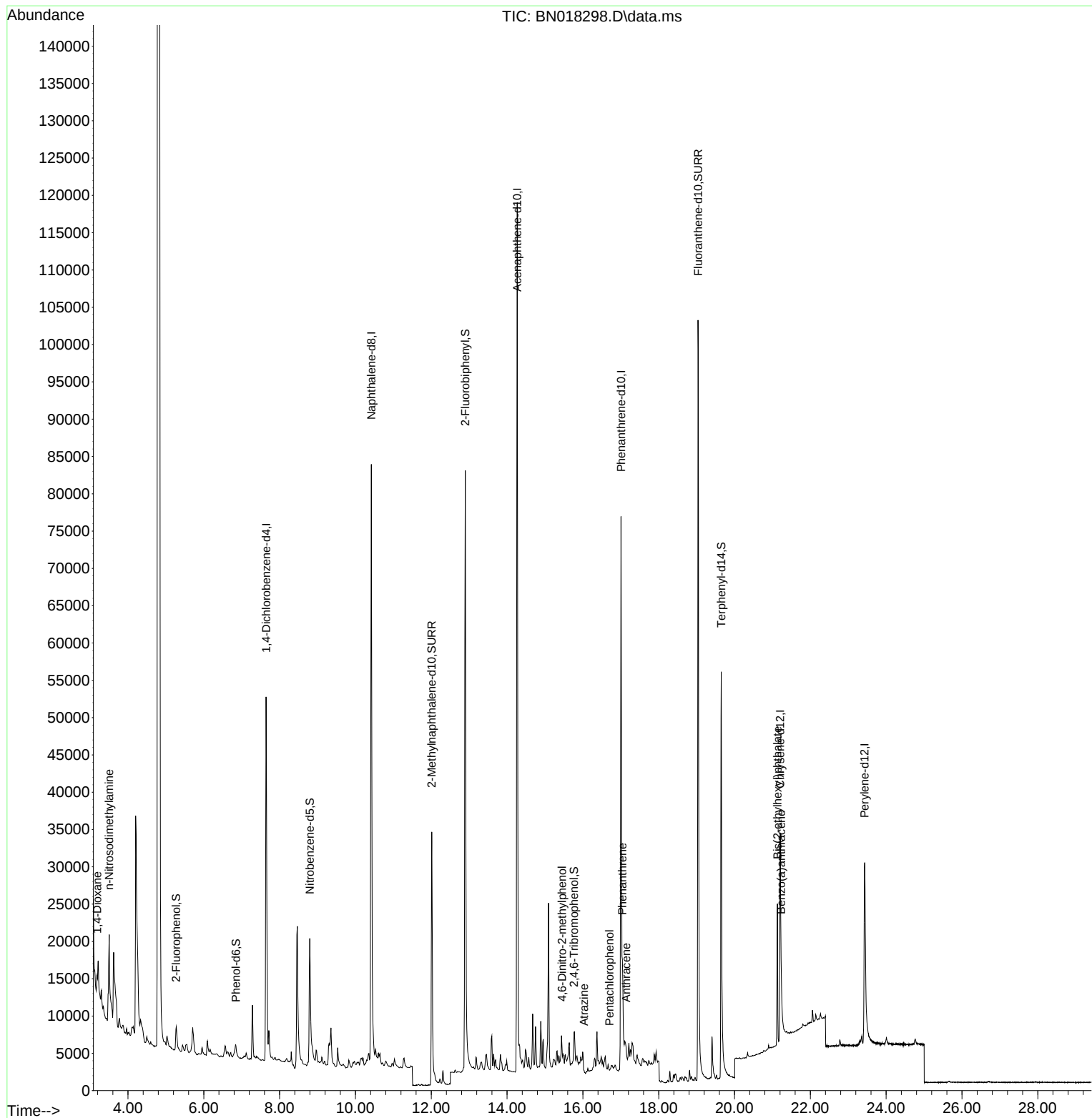
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	31898	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	122318	0.400	ng	0.00
13) Acenaphthene-d10	14.268	164	74692	0.400	ng	0.00
19) Phenanthrene-d10	17.005	188	122111	0.400	ng	0.00
29) Chrysene-d12	21.206	240	49655	0.400	ng	0.00
35) Perylene-d12	23.433	264	49222	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.272	112	4003	0.063	ng	0.03
5) Phenol-d6	6.849	99	2066	0.033	ng	0.02
8) Nitrobenzene-d5	8.797	82	23331	0.394	ng	0.01
11) 2-Methylnaphthalene-d10	12.011	152	59438	0.289	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	3110	0.382	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	87236	0.309	ng	0.00
27) Fluoranthene-d10	19.038	212	147290	0.379	ng	0.00
31) Terphenyl-d14	19.648	244	82814	0.656	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.189	88	889	0.049	ng	# 36
3) n-Nitrosodimethylamine	3.502	42	1277	0.049	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.448	198	18	0.210	ng	# 1
23) Atrazine	16.032	200	307	0.140	ng	# 1
24) Pentachlorophenol	16.701	266	65	0.183	ng	# 58
25) Phenanthrene	17.042	178	12783	0.040	ng	97
26) Anthracene	17.139	178	380	0.044	ng	# 61
32) Benzo(a)anthracene	21.227	228	609	0.060	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.132	149	18814	0.304	ng	99

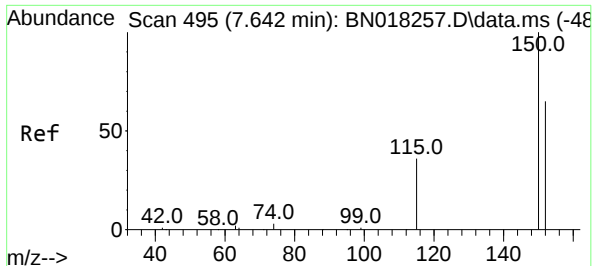
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN123021\
Data File : BN018298.D
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BNA_N
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Quant Time: Dec 31 08:22:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 16:08:47 2021
Response via : Initial Calibration

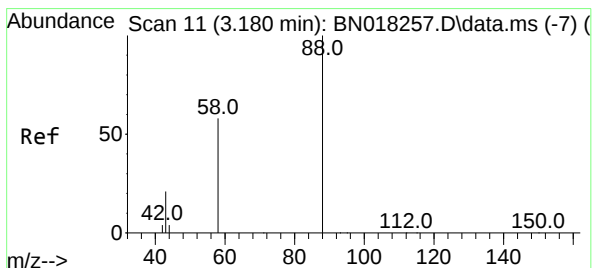
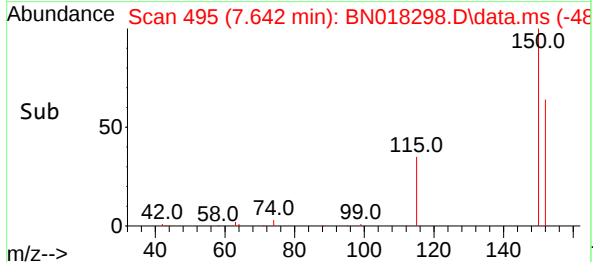
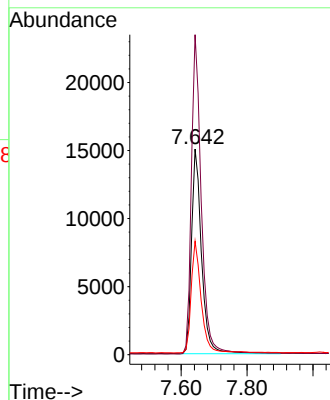
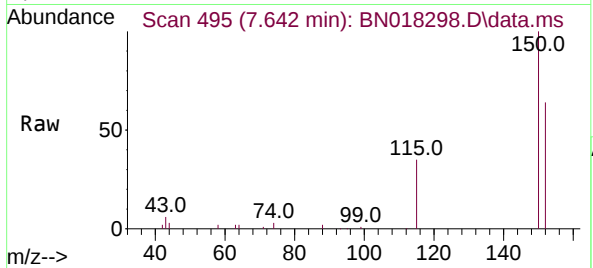




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN018298.D
 Acq: 30 Dec 2021 16:10

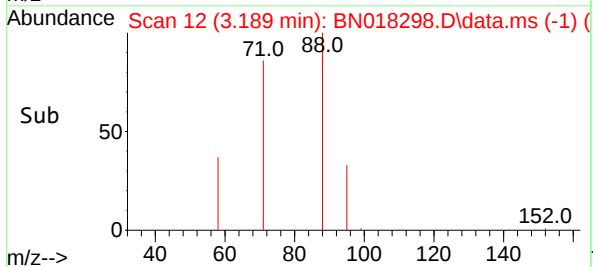
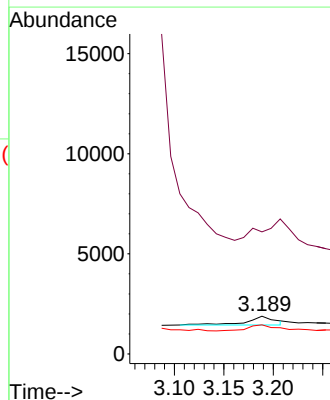
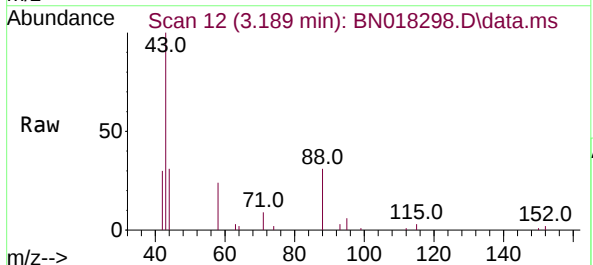
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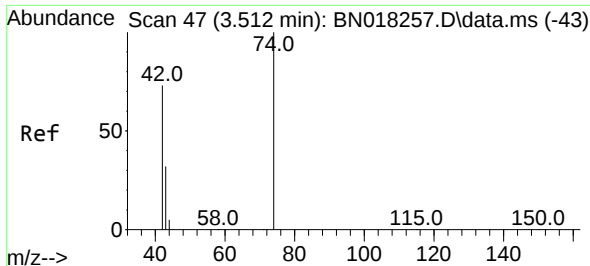
Tgt Ion:152 Resp: 31898
 Ion Ratio Lower Upper
 152 100
 150 155.6 121.7 182.5
 115 55.2 43.8 65.8



#2
 1,4-Dioxane
 Concen: 0.049 ng
 RT: 3.189 min Scan# 12
 Delta R.T. 0.009 min
 Lab File: BN018298.D
 Acq: 30 Dec 2021 16:10

Tgt Ion: 88 Resp: 889
 Ion Ratio Lower Upper
 88 100
 43 0.0 69.7 104.5#
 58 64.3 83.8 125.8#

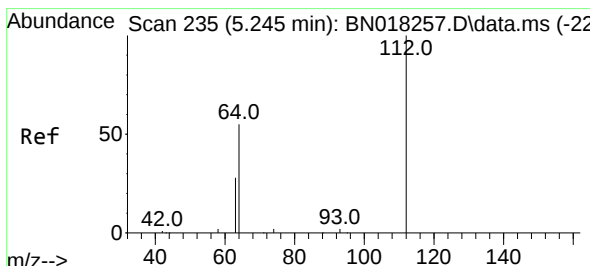
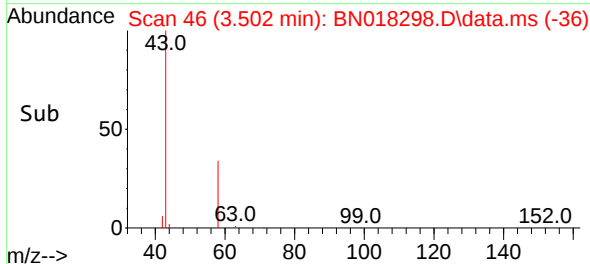
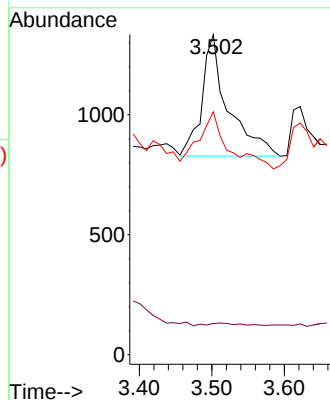
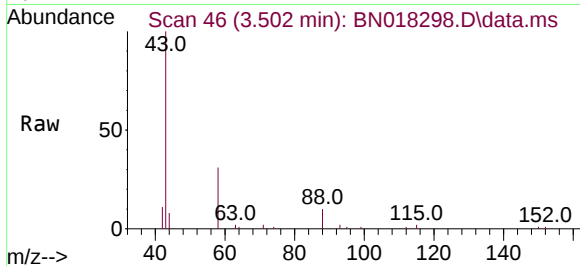




#3
 n-Nitrosodimethylamine
 Concen: 0.049 ng
 RT: 3.502 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: BN018298.D
 Acq: 30 Dec 2021 16:10

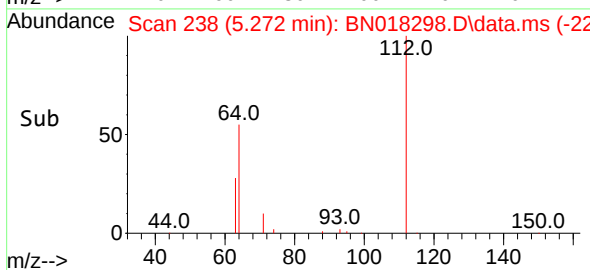
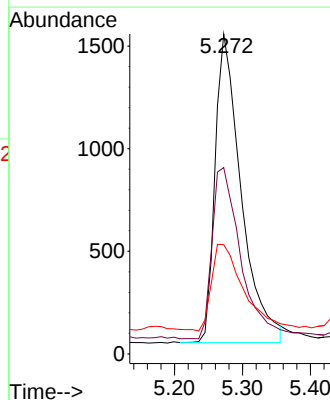
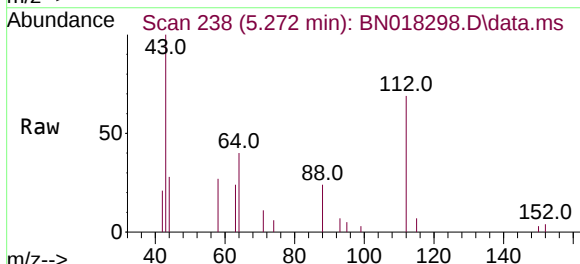
Instrument :
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 ClientSampleId :
 FB122121

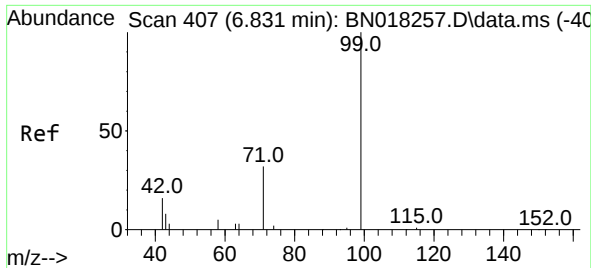
Tgt Ion: 42 Resp: 1277
 Ion Ratio Lower Upper
 42 100
 74 1.7 108.6 163.0#
 44 53.4 5.8 8.8#



#4
 2-Fluorophenol
 Concen: 0.063 ng
 RT: 5.272 min Scan# 238
 Delta R.T. 0.027 min
 Lab File: BN018298.D
 Acq: 30 Dec 2021 16:10

Tgt Ion: 112 Resp: 4003
 Ion Ratio Lower Upper
 112 100
 64 60.2 48.0 72.0
 63 33.2 25.3 37.9

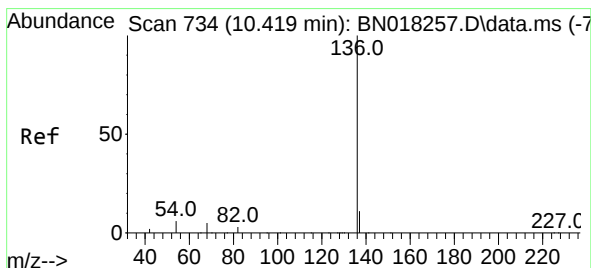
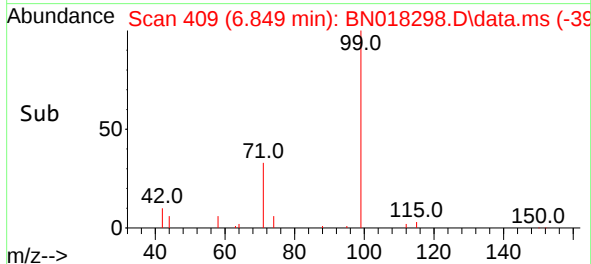
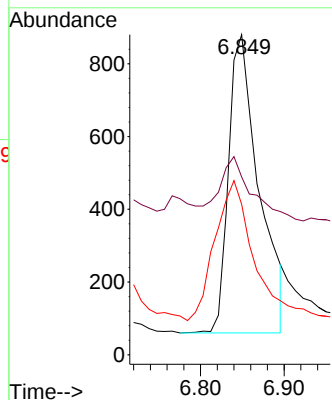
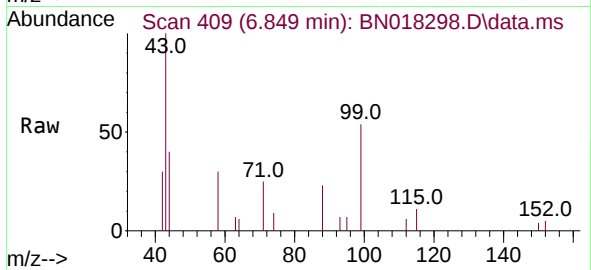




#5
Phenol-d6
Concen: 0.033 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.018 min
Lab File: BN018298.D
Acq: 30 Dec 2021 16:10

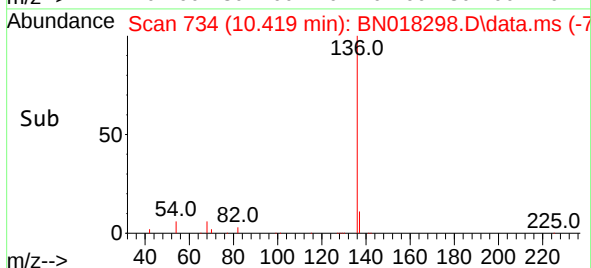
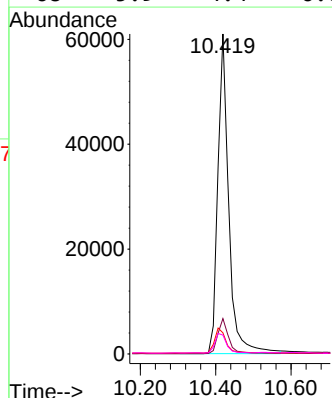
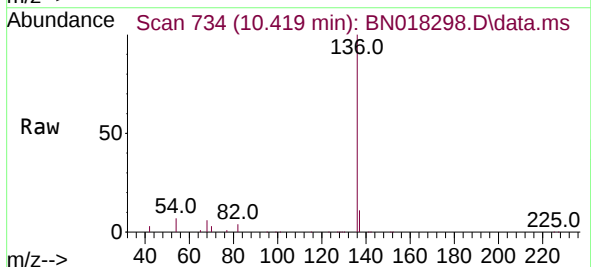
Instrument :
BNA_N
ClientSampleId :
FB122121

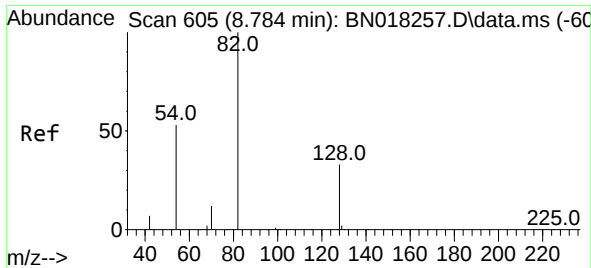
Tgt Ion: 99 Resp: 2066
Ion Ratio Lower Upper
99 100
42 15.3 16.3 24.5#
71 57.4 26.8 40.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 734
Delta R.T. 0.000 min
Lab File: BN018298.D
Acq: 30 Dec 2021 16:10

Tgt Ion: 136 Resp: 122318
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.6 5.0 7.6
68 5.9 4.4 6.6

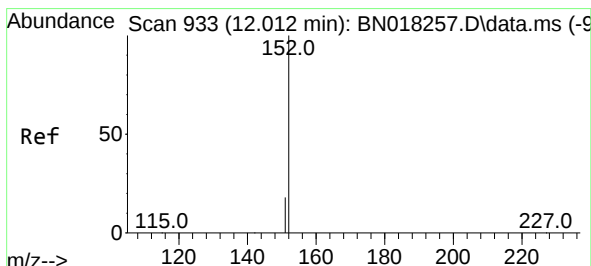
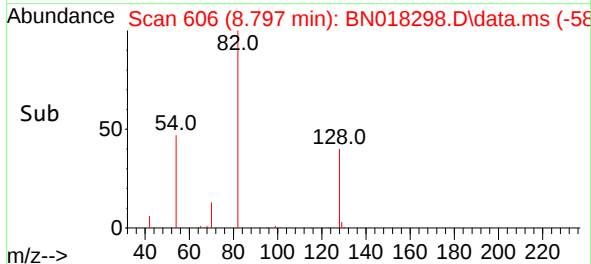
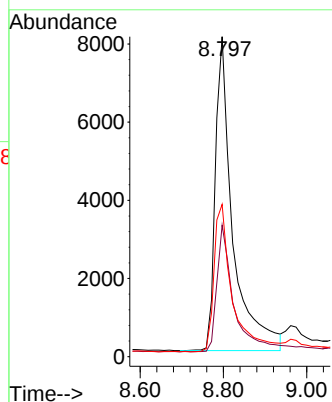
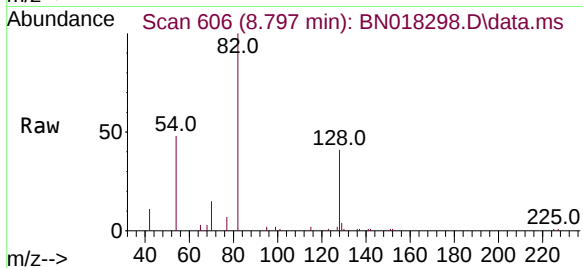




#8
Nitrobenzene-d5
Concen: 0.394 ng
RT: 8.797 min Scan# 605
Delta R.T. 0.013 min
Lab File: BN018298.D
Acq: 30 Dec 2021 16:10

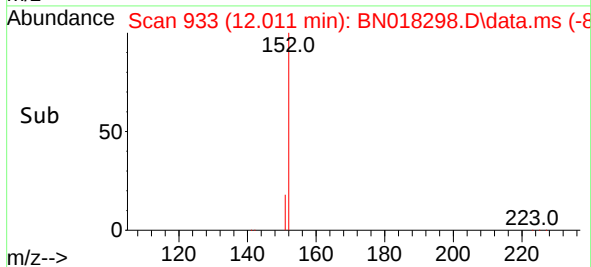
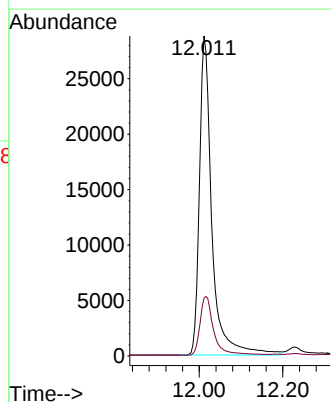
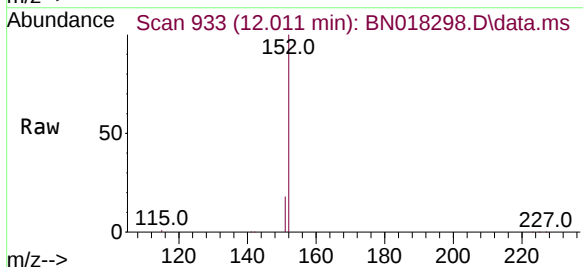
Instrument :
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ClientSampleId :
FB122121

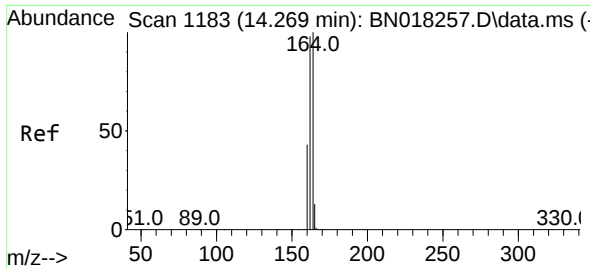
Tgt Ion: 82 Resp: 23331
Ion Ratio Lower Upper
82 100
128 41.1 33.7 50.5
54 47.6 36.6 55.0



#11
2-Methylnaphthalene-d10
Concen: 0.289 ng
RT: 12.011 min Scan# 933
Delta R.T. -0.000 min
Lab File: BN018298.D
Acq: 30 Dec 2021 16:10

Tgt Ion: 152 Resp: 59438
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2

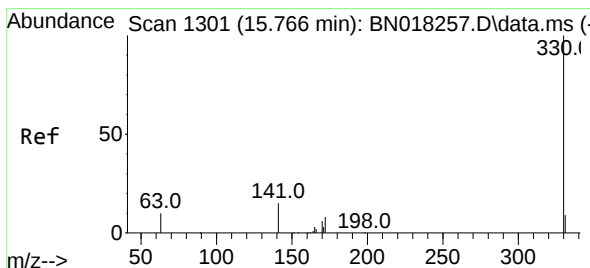
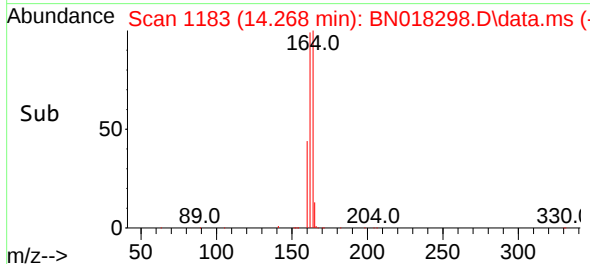
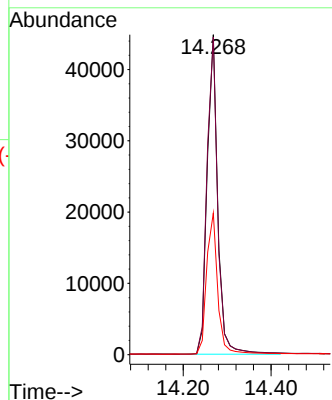
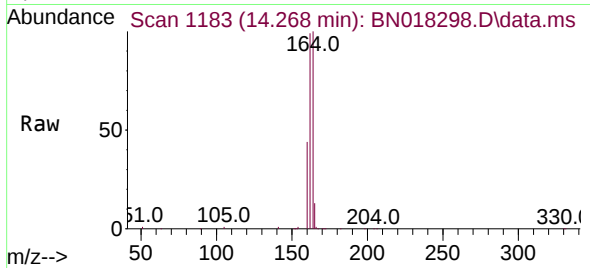




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.268 min Scan# 1183
 Delta R.T. -0.001 min
 Lab File: BN018298.D
 Acq: 30 Dec 2021 16:10

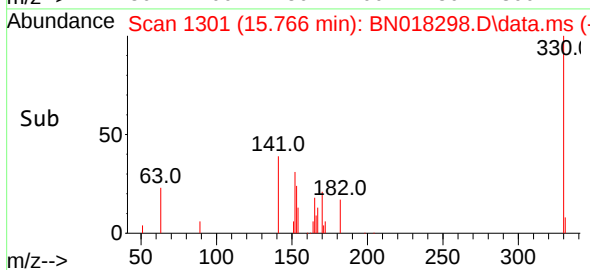
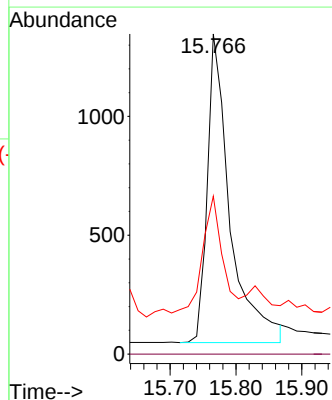
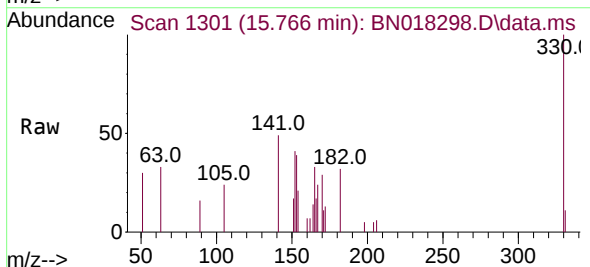
Instrument :
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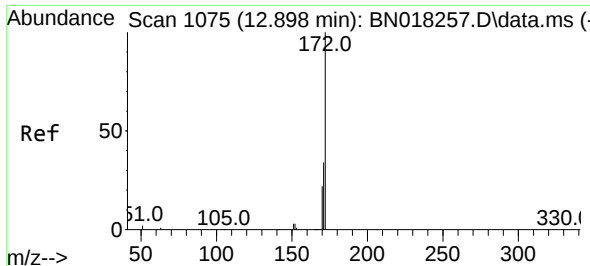
Tgt Ion:164 Resp: 74692
 Ion Ratio Lower Upper
 164 100
 162 99.3 80.2 120.2
 160 44.3 36.9 55.3



#14
 2,4,6-Tribromophenol
 Concen: 0.382 ng
 RT: 15.766 min Scan# 1301
 Delta R.T. -0.000 min
 Lab File: BN018298.D
 Acq: 30 Dec 2021 16:10

Tgt Ion:330 Resp: 3110
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 33.0 21.3 31.9#

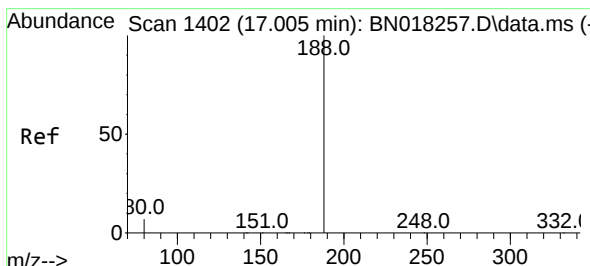
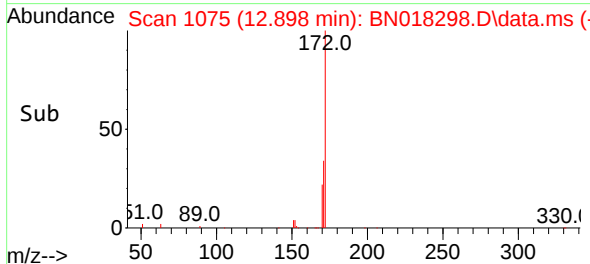
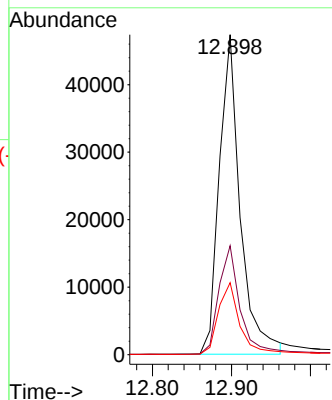
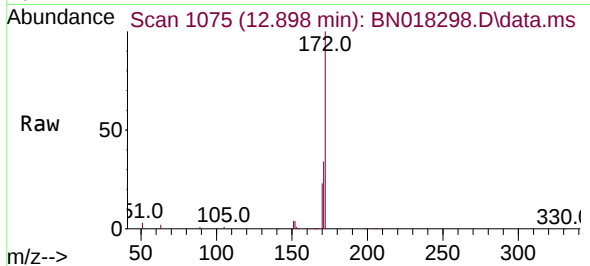




#15
2-Fluorobiphenyl
Concen: 0.309 ng
RT: 12.898 min Scan# 1075
Delta R.T. -0.000 min
Lab File: BN018298.D
Acq: 30 Dec 2021 16:10

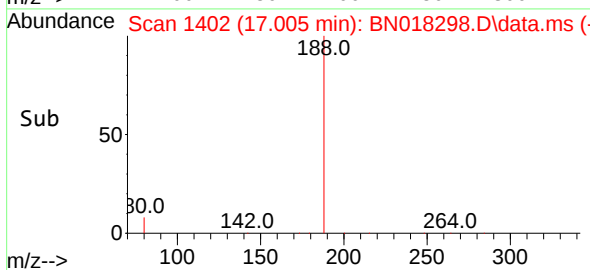
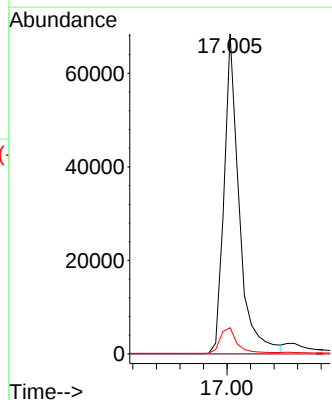
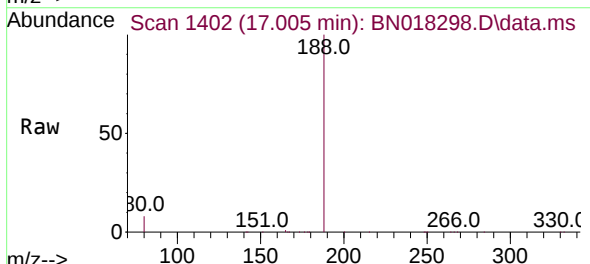
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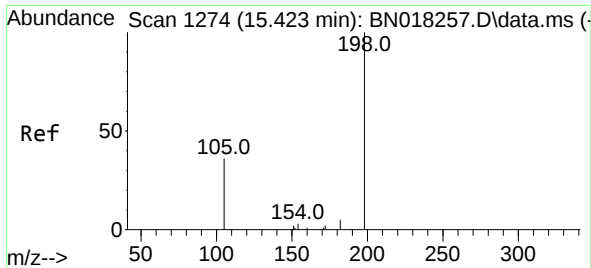
Tgt Ion:172 Resp: 87236
Ion Ratio Lower Upper
172 100
171 34.1 27.4 41.0
170 22.5 18.4 27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.005 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN018298.D
Acq: 30 Dec 2021 16:10

Tgt Ion:188 Resp: 122111
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 7.0 10.4





#20

4,6-Dinitro-2-methylphenol

Concen: 0.210 ng

RT: 15.448 min Scan# 11

Delta R.T. 0.025 min

Lab File: BN018298.D

Acq: 30 Dec 2021 16:10

Instrument :

BNA_N

ClientSampleId :

FB122121

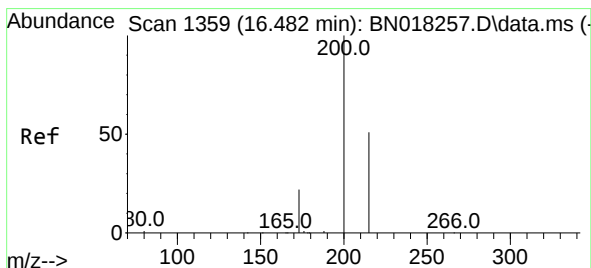
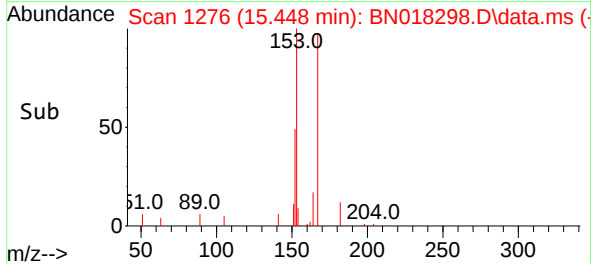
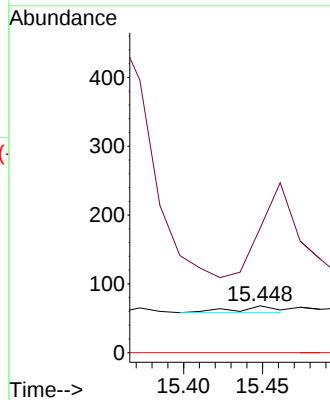
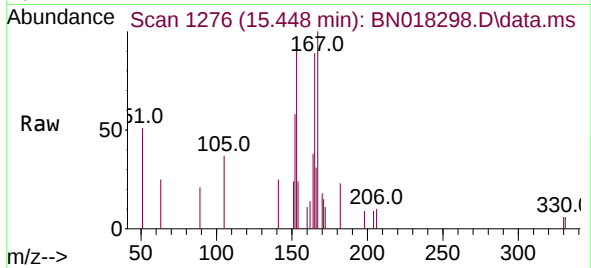
Tgt Ion:198 Resp: 18

Ion Ratio Lower Upper

198 100

182 266.2 15.5 23.3#

77 0.0 0.0 0.0



#23

Atrazine

Concen: 0.140 ng

RT: 16.032 min Scan# 1322

Delta R.T. -0.450 min

Lab File: BN018298.D

Acq: 30 Dec 2021 16:10

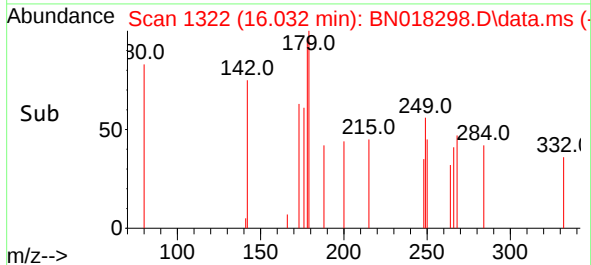
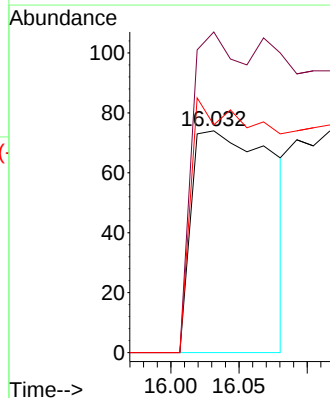
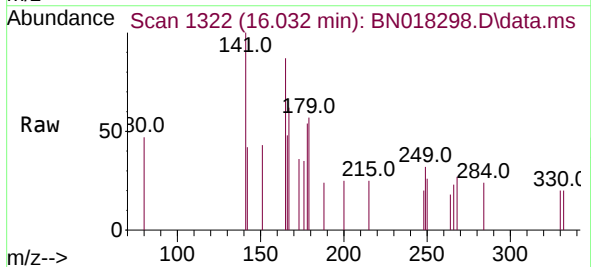
Tgt Ion:200 Resp: 307

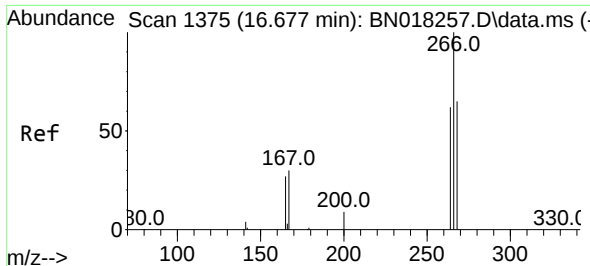
Ion Ratio Lower Upper

200 100

173 144.6 20.3 30.5#

215 102.7 40.4 60.6#

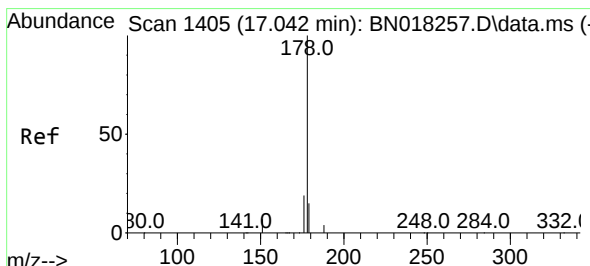
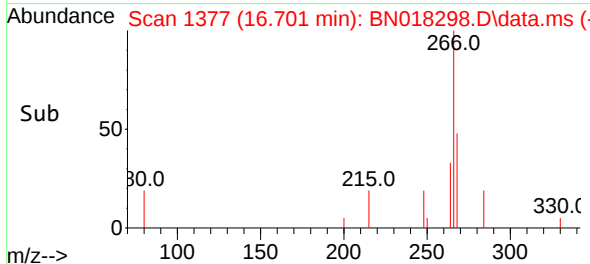
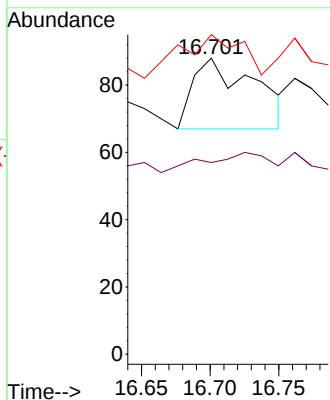
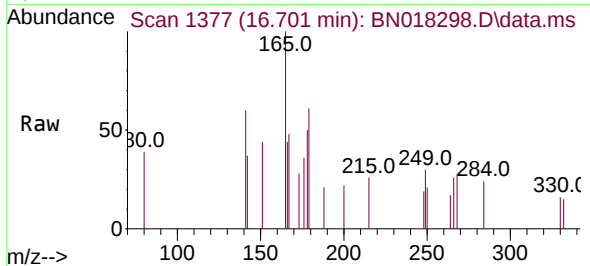




#24
 Pentachlorophenol
 Concen: 0.183 ng
 RT: 16.701 min Scan# 1377
 Delta R.T. 0.024 min
 Lab File: BN018298.D
 Acq: 30 Dec 2021 16:10

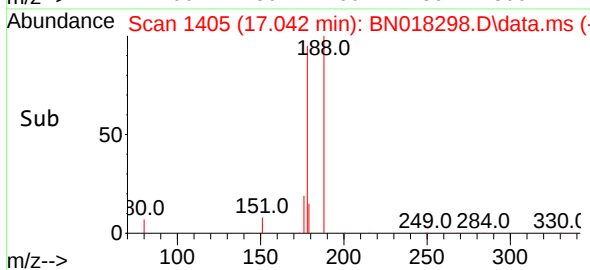
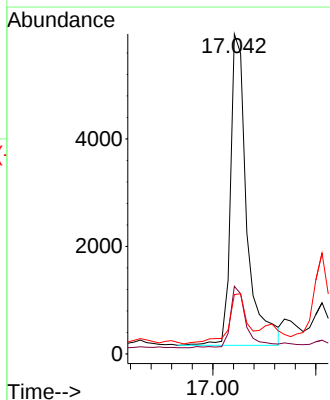
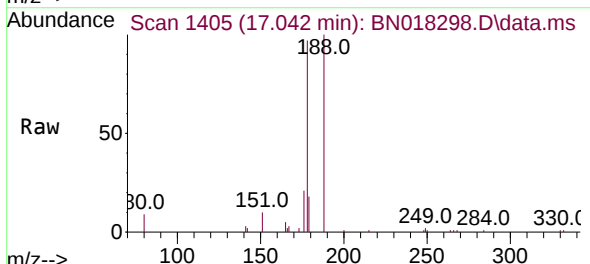
Instrument :
 BNA_N
 ClientSampleId :
 FB122121

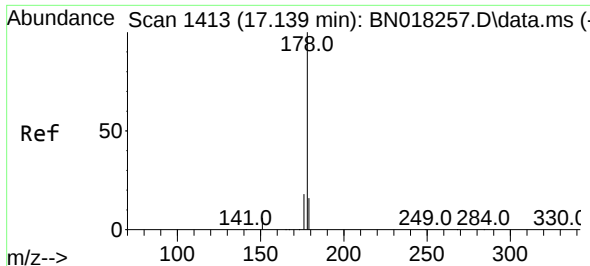
Tgt Ion:266 Resp: 65
 Ion Ratio Lower Upper
 266 100
 264 0.0 49.5 74.3#
 268 60.0 50.6 76.0



#25
 Phenanthrene
 Concen: 0.040 ng
 RT: 17.042 min Scan# 1405
 Delta R.T. -0.000 min
 Lab File: BN018298.D
 Acq: 30 Dec 2021 16:10

Tgt Ion:178 Resp: 12783
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.3 22.9
 179 18.0 12.3 18.5

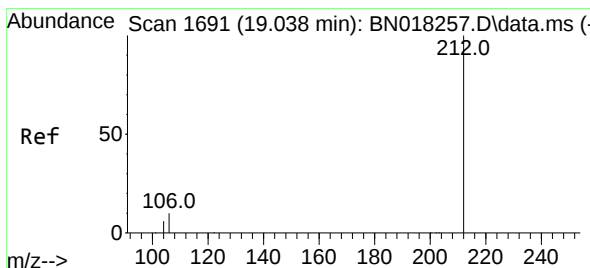
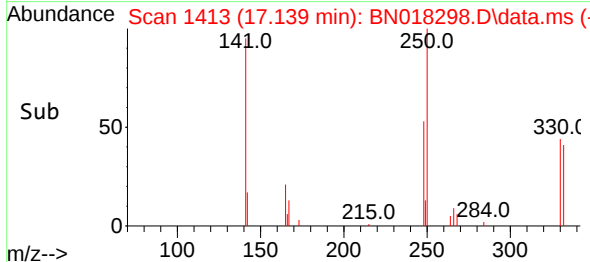
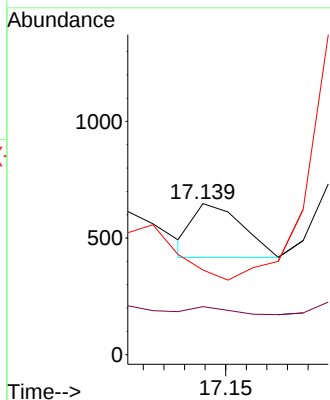
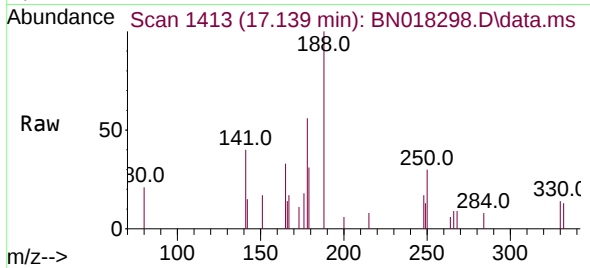




#26
 Anthracene
 Concen: 0.044 ng
 RT: 17.139 min Scan# 1413
 Delta R.T. -0.000 min
 Lab File: BN018298.D
 Acq: 30 Dec 2021 16:10

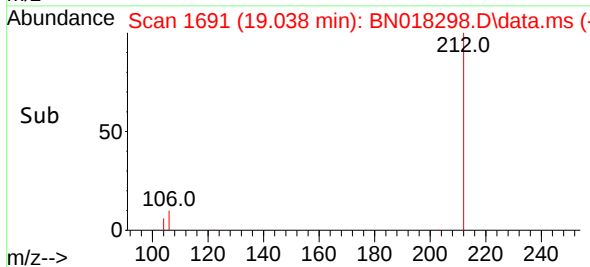
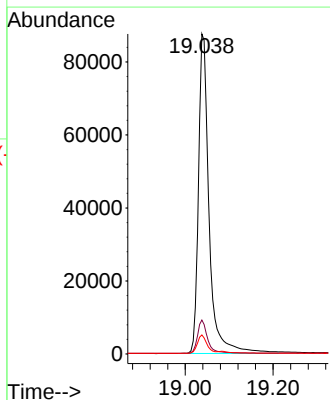
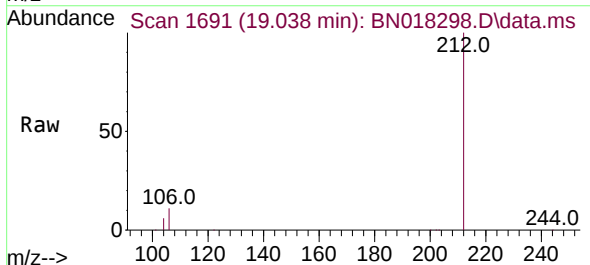
Instrument :
 BNA_N
 ClientSampleId :
 FB122121

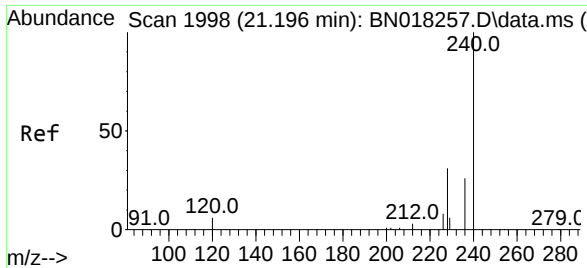
Tgt Ion:178 Resp: 380
 Ion Ratio Lower Upper
 178 100
 176 0.0 14.8 22.2#
 179 0.0 12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.379 ng
 RT: 19.038 min Scan# 1691
 Delta R.T. -0.000 min
 Lab File: BN018298.D
 Acq: 30 Dec 2021 16:10

Tgt Ion:212 Resp: 147290
 Ion Ratio Lower Upper
 212 100
 106 10.1 8.4 12.6
 104 5.2 4.5 6.7

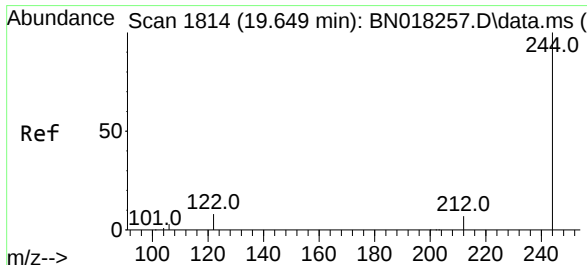
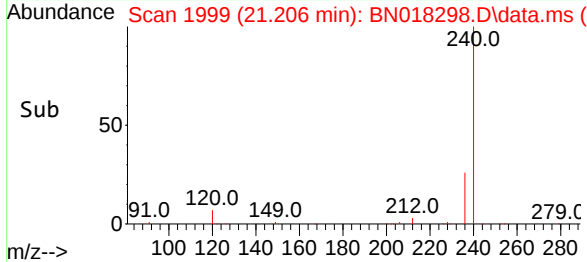
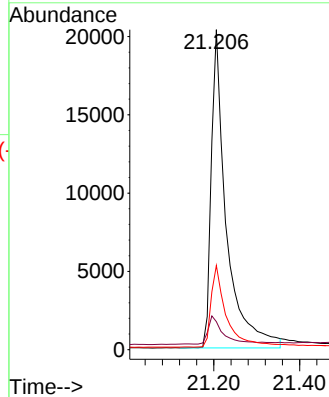
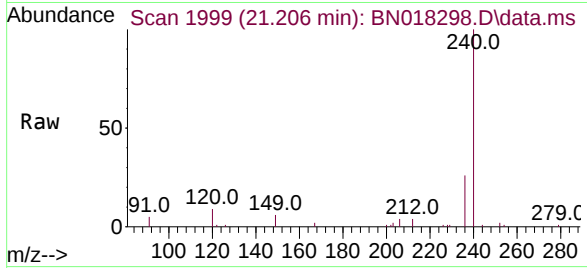




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 1999
Delta R.T. 0.010 min
Lab File: BN018298.D
Acq: 30 Dec 2021 16:10

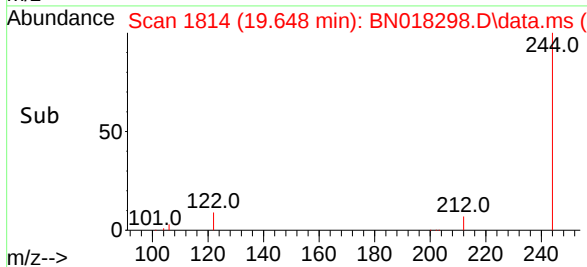
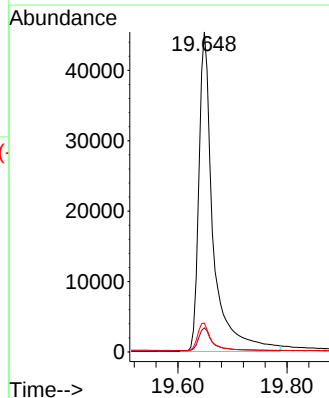
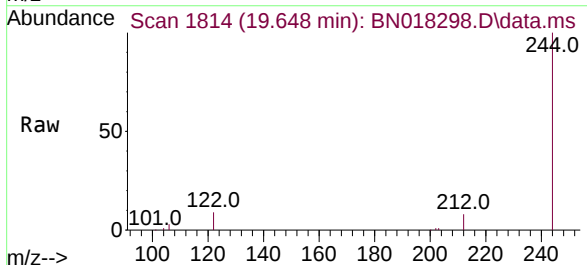
Instrument :
BNA_N
ClientSampleId :
FB122121

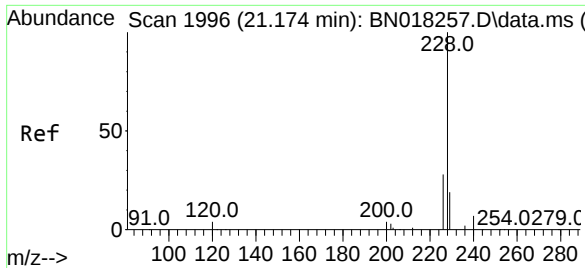
Tgt Ion:240 Resp: 49655
Ion Ratio Lower Upper
240 100
120 8.7 6.0 9.0
236 26.3 21.4 32.2



#31
Terphenyl-d14
Concen: 0.656 ng
RT: 19.648 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BN018298.D
Acq: 30 Dec 2021 16:10

Tgt Ion:244 Resp: 82814
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 9.0 7.9 11.9

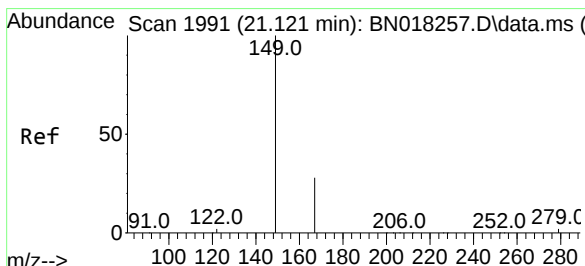
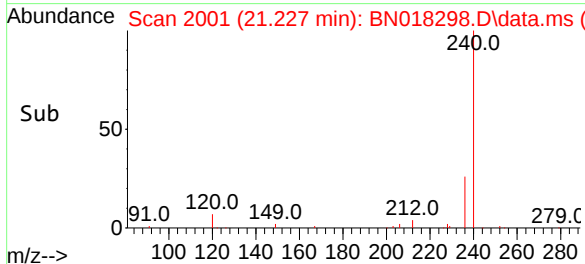
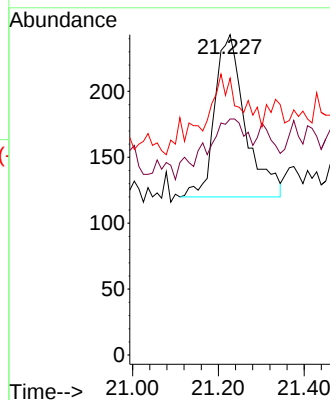
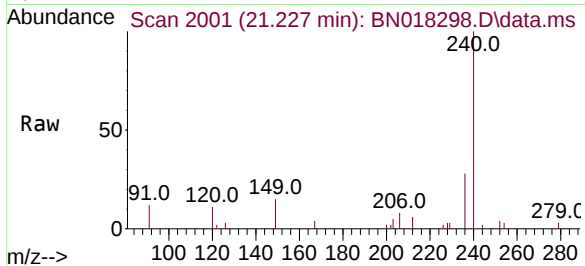




#32
Benzo(a)anthracene
Concen: 0.060 ng
RT: 21.227 min Scan# 2001
Delta R.T. 0.053 min
Lab File: BN018298.D
Acq: 30 Dec 2021 16:10

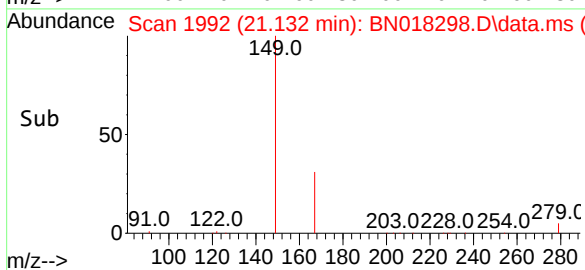
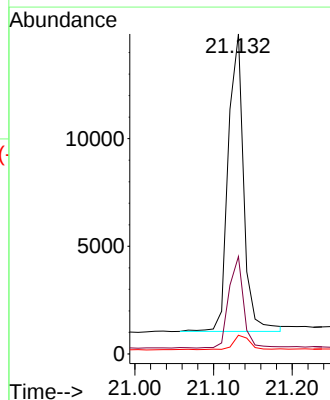
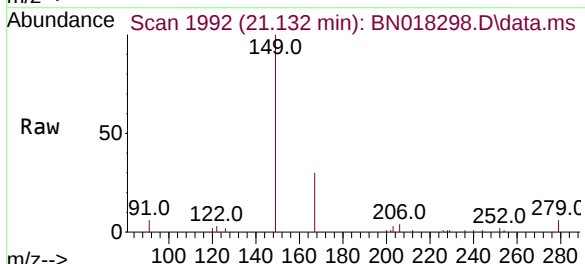
Instrument :
BNA_N
ClientSampleId :
FB122121

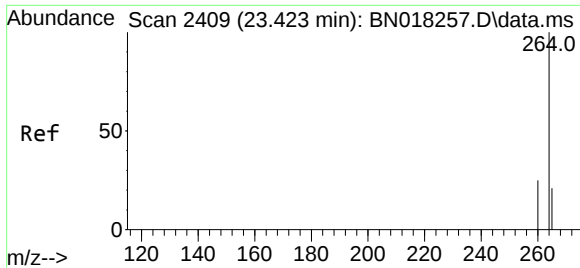
Tgt Ion: 228 Resp: 609
Ion Ratio Lower Upper
228 100
226 73.7 21.3 31.9#
229 86.4 15.9 23.9#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.304 ng
RT: 21.132 min Scan# 1992
Delta R.T. 0.010 min
Lab File: BN018298.D
Acq: 30 Dec 2021 16:10

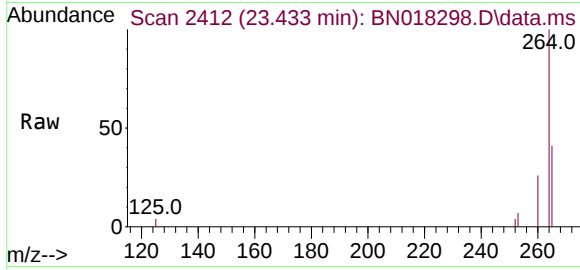
Tgt Ion: 149 Resp: 18814
Ion Ratio Lower Upper
149 100
167 29.1 23.7 35.5
279 5.1 3.6 5.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.433 min Scan# 24
 Delta R.T. 0.010 min
 Lab File: BN018298.D
 Acq: 30 Dec 2021 16:10

Instrument :
 BNA_N
 ClientSampleId :
 FB122121



Tgt Ion:264 Resp: 49222
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.2 30.4
 265 41.0 18.2 27.2#

