

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121321\
 Data File : BN017965.D
 Acq On : 13 Dec 2021 10:44
 Operator : CG/JU
 Sample : PB141193BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 14 03:40:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 00:01:30 2021
 Response via : Initial Calibration

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

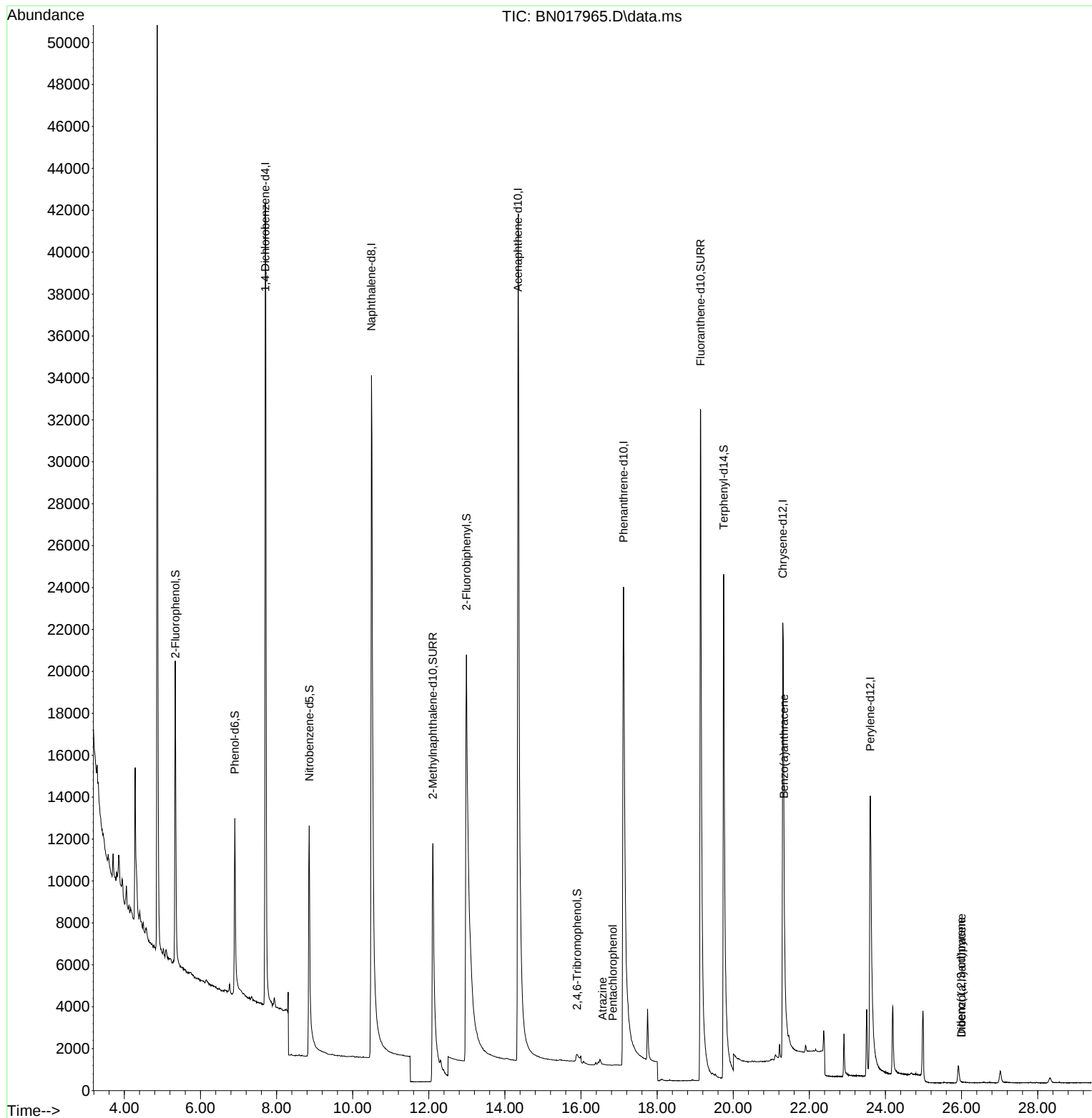
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	24480	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	84825	0.400	ng	# 0.00
13) Acenaphthene-d10	14.347	164	48901	0.400	ng	0.01
19) Phenanthrene-d10	17.117	188	86905	0.400	ng	0.02
29) Chrysene-d12	21.303	240	49763	0.400	ng	# 0.01
35) Perylene-d12	23.602	264	35461	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.345	112	13894	0.275	ng	0.02
5) Phenol-d6	6.903	99	9523	0.190	ng	0.00
8) Nitrobenzene-d5	8.859	82	14892	0.269	ng	0.00
11) 2-Methylnaphthalene-d10	12.107	152	38936	0.261	ng	0.02
14) 2,4,6-Tribromophenol	15.895	330	759	0.361	ng	0.05
15) 2-Fluorobiphenyl	12.989	172	39501	0.230	ng	0.03
27) Fluoranthene-d10	19.144	212	85990	0.305	ng	0.01
31) Terphenyl-d14	19.750	244	59335	0.484	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.489	198	3	Below Cal		Qvalue 88
23) Atrazine	16.569	200	10	0.092 ng	#	4
24) Pentachlorophenol	16.837	266	15	0.093 ng	#	17
32) Benzo(a)anthracene	21.335	228	443	0.053 ng	#	34
36) Indeno(1,2,3-cd)pyrene	25.988	276	2	0.089 ng	#	1
40) Dibenzo(a,h)anthracene	26.002	278	5	0.101 ng	#	1

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

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Misc :
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BNA_N
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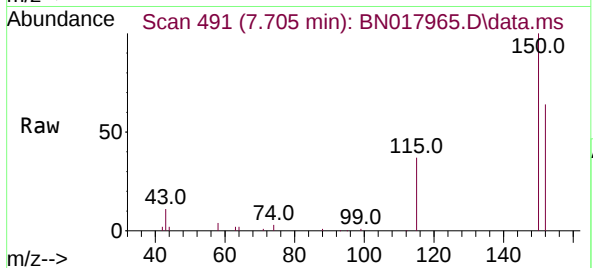
Quant Time: Dec 14 03:40:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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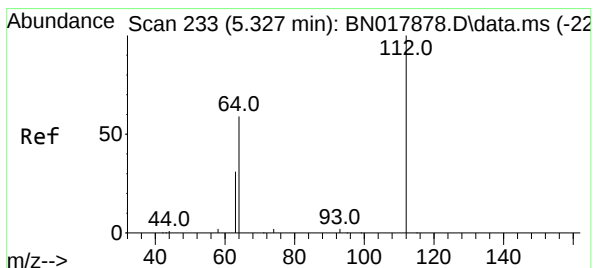
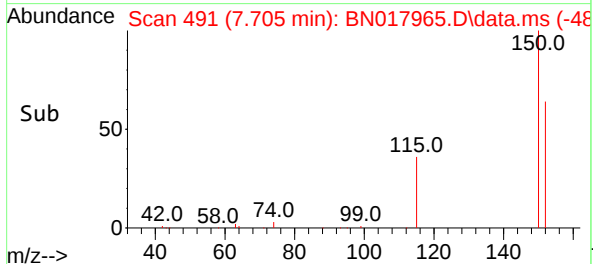
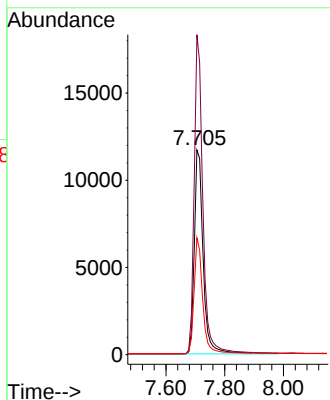


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.705 min Scan# 491
Delta R.T. -0.010 min
Lab File: BN017965.D
Acq: 13 Dec 2021 10:44

Instrument :
BNA_N
ClientSampleId :

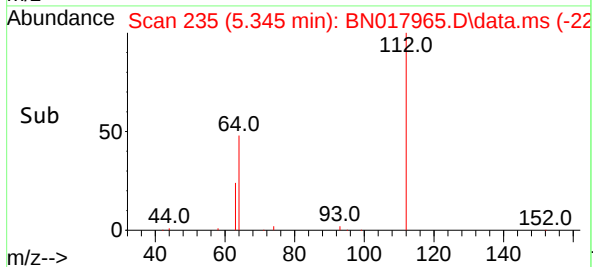
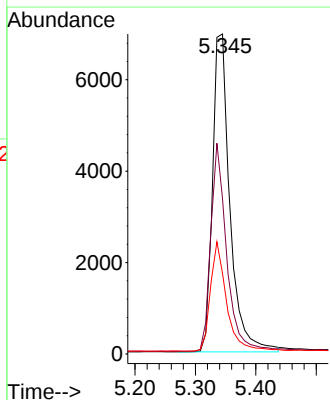
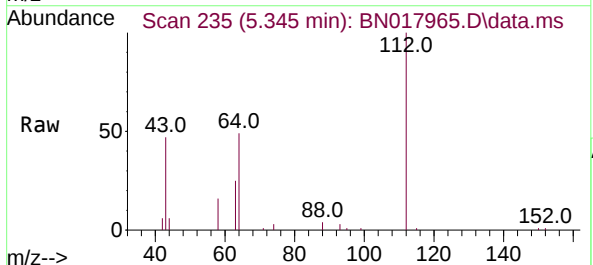


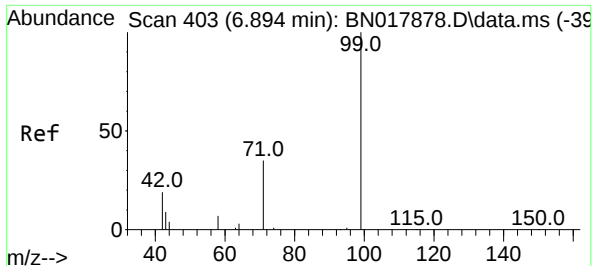
Tgt Ion:152 Resp: 24480
Ion Ratio Lower Upper
152 100
150 156.4 121.9 182.9
115 57.1 44.1 66.1



#4
2-Fluorophenol
Concen: 0.275 ng
RT: 5.345 min Scan# 235
Delta R.T. 0.018 min
Lab File: BN017965.D
Acq: 13 Dec 2021 10:44

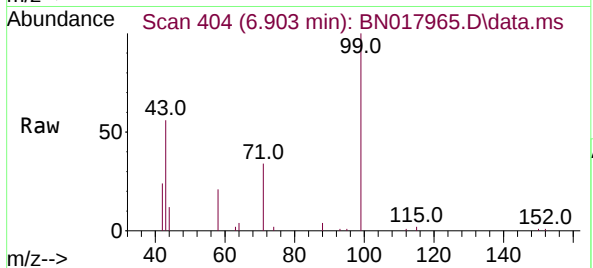
Tgt Ion:112 Resp: 13894
Ion Ratio Lower Upper
112 100
64 60.1 49.0 73.4
63 31.9 26.2 39.2



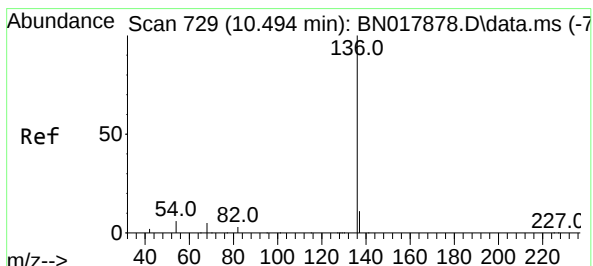
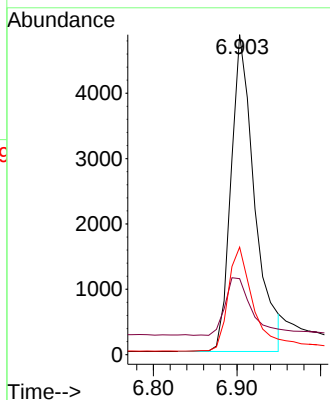
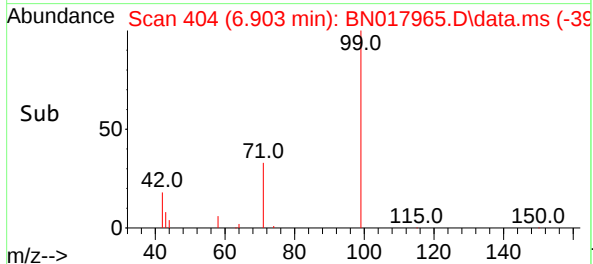


#5
Phenol-d6
Concen: 0.190 ng
RT: 6.903 min Scan# 403
Delta R.T. 0.009 min
Lab File: BN017965.D
Acq: 13 Dec 2021 10:44

Instrument :
BNA_N
ClientSampleId :

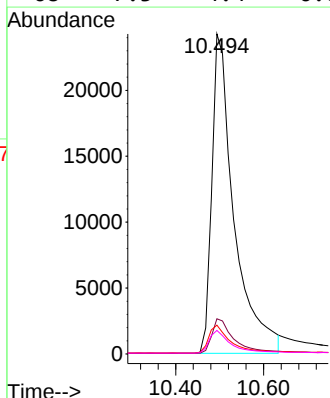
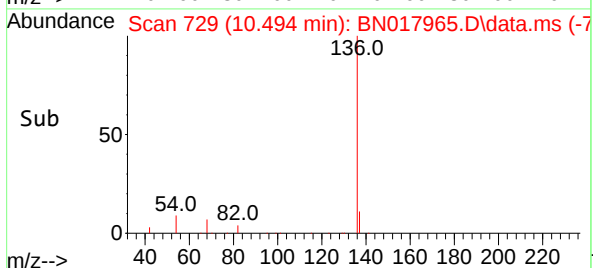
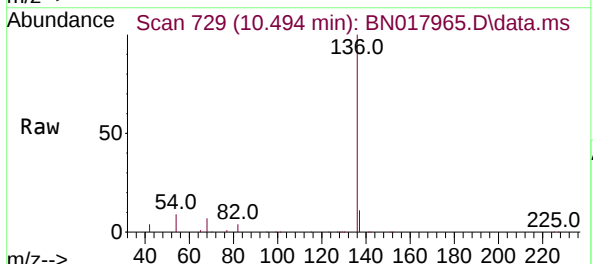


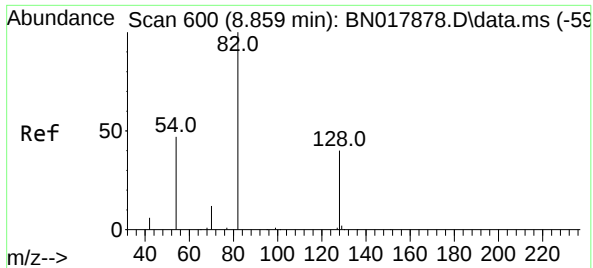
Tgt Ion: 99 Resp: 9523
Ion Ratio Lower Upper
99 100
42 20.0 17.0 25.4
71 34.1 28.0 42.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017965.D
Acq: 13 Dec 2021 10:44

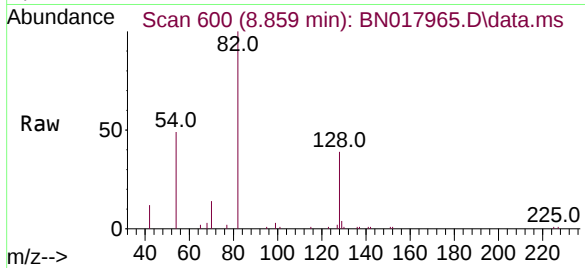
Tgt Ion: 136 Resp: 84825
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.0 5.1 7.7#
68 7.3 4.4 6.6#



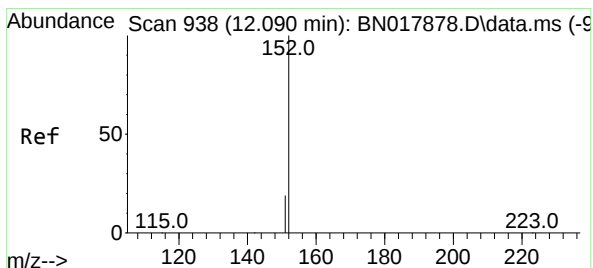
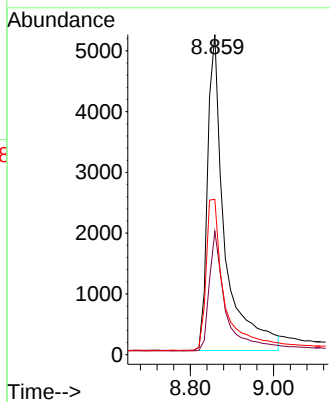
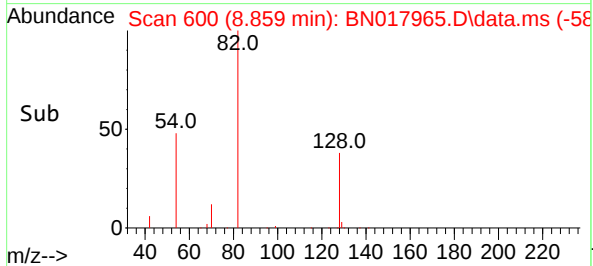


#8
Nitrobenzene-d5
Concen: 0.269 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017965.D
Acq: 13 Dec 2021 10:44

Instrument :
BNA_N
ClientSampleId :

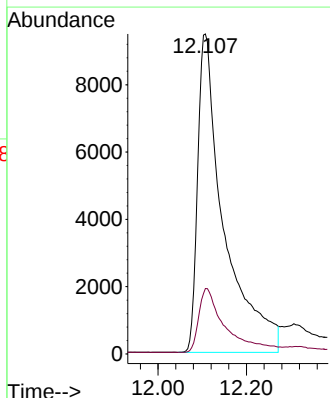
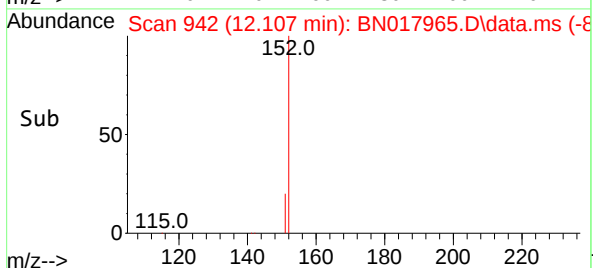
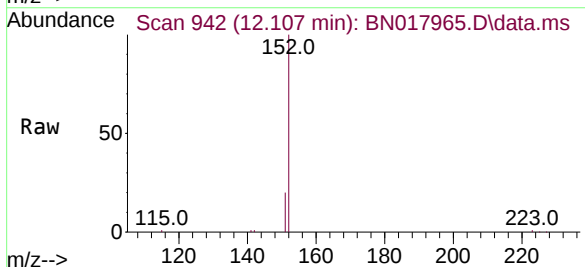


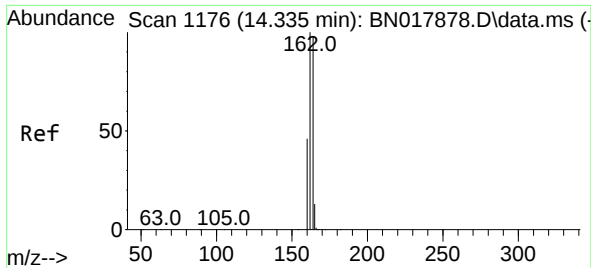
Tgt Ion: 82 Resp: 14892
Ion Ratio Lower Upper
82 100
128 38.5 32.2 48.4
54 48.6 37.6 56.4



#11
2-Methylnaphthalene-d10
Concen: 0.261 ng
RT: 12.107 min Scan# 942
Delta R.T. 0.018 min
Lab File: BN017965.D
Acq: 13 Dec 2021 10:44

Tgt Ion: 152 Resp: 38936
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6

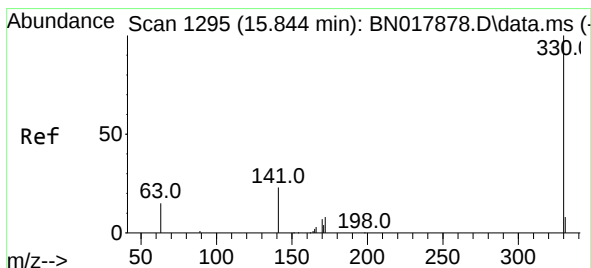
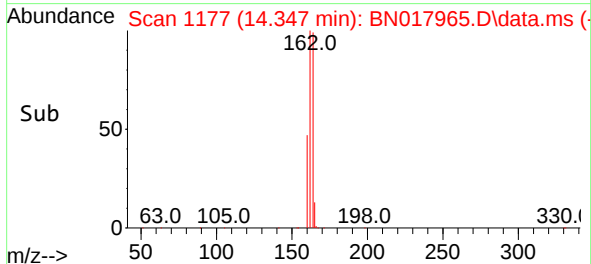
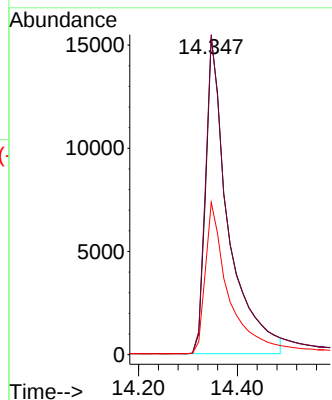
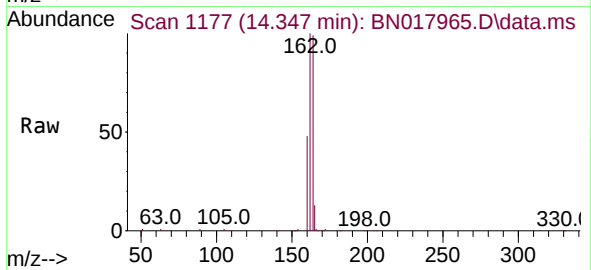




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.347 min Scan# 1177
 Delta R.T. 0.012 min
 Lab File: BN017965.D
 Acq: 13 Dec 2021 10:44

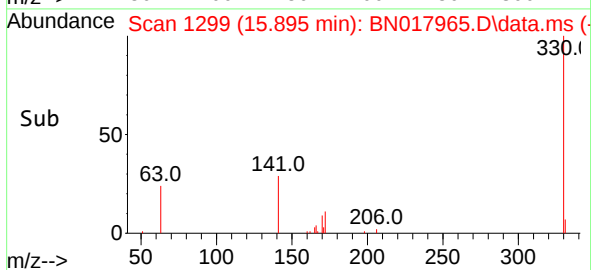
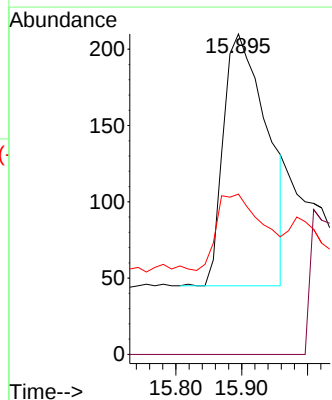
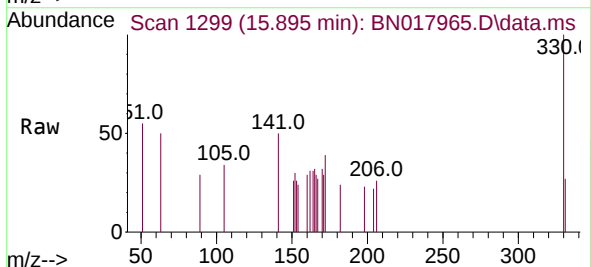
Instrument :
 BNA_N
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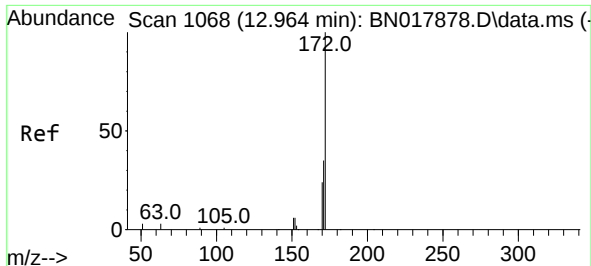
Tgt Ion:164 Resp: 48901
 Ion Ratio Lower Upper
 164 100
 162 100.9 82.1 123.1
 160 48.1 38.2 57.2



#14
 2,4,6-Tribromophenol
 Concen: 0.361 ng
 RT: 15.895 min Scan# 1299
 Delta R.T. 0.051 min
 Lab File: BN017965.D
 Acq: 13 Dec 2021 10:44

Tgt Ion:330 Resp: 759
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 32.5 19.7 29.5#

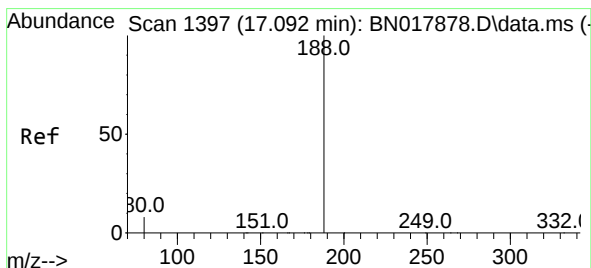
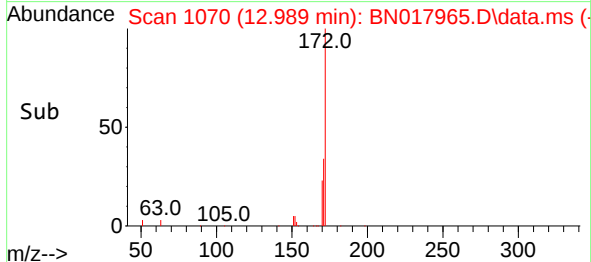
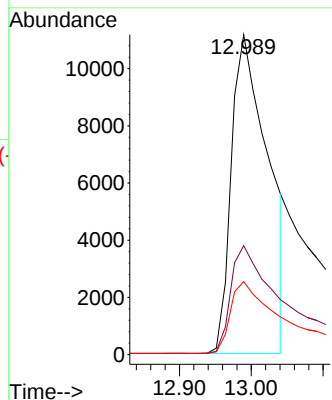
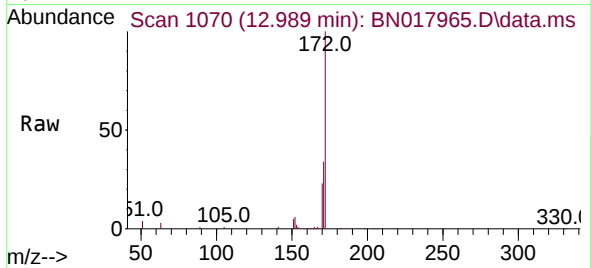




#15
2-Fluorobiphenyl
Concen: 0.230 ng
RT: 12.989 min Scan# 1068
Delta R.T. 0.025 min
Lab File: BN017965.D
Acq: 13 Dec 2021 10:44

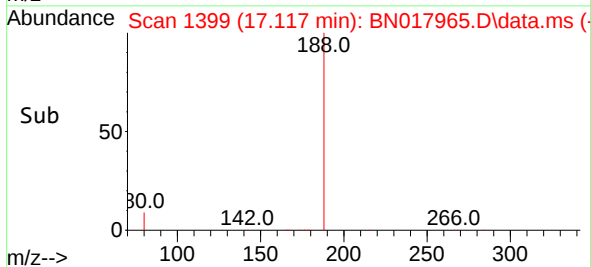
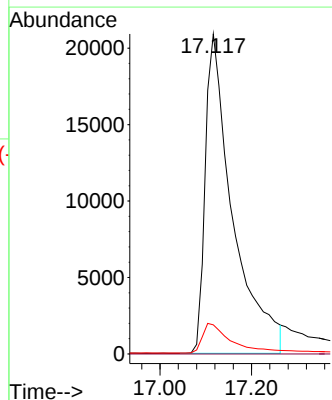
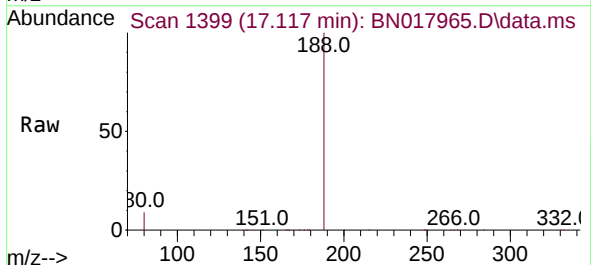
Instrument :
BNA_N
ClientSampleId :

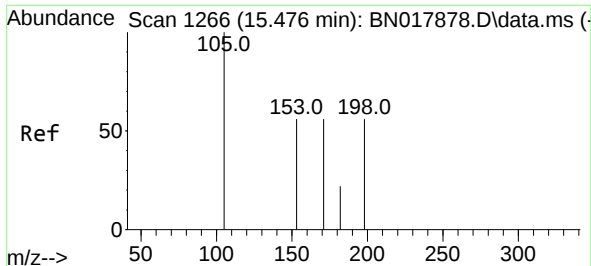
Tgt Ion:172 Resp: 39501
Ion Ratio Lower Upper
172 100
171 34.0 28.3 42.5
170 22.9 19.1 28.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.117 min Scan# 1399
Delta R.T. 0.024 min
Lab File: BN017965.D
Acq: 13 Dec 2021 10:44

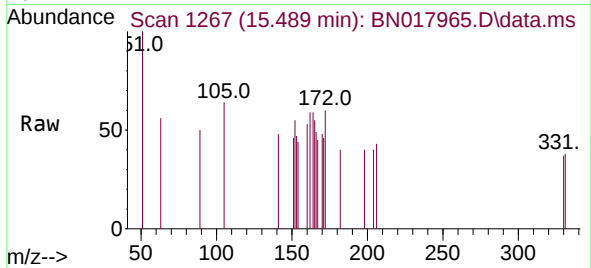
Tgt Ion:188 Resp: 86905
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.1 6.2 9.2



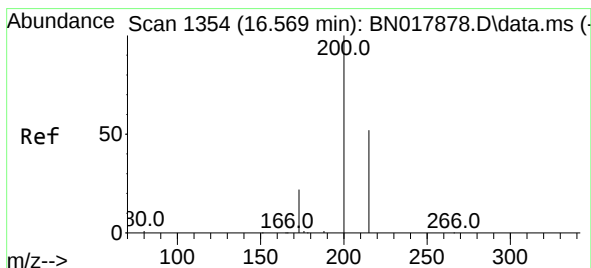
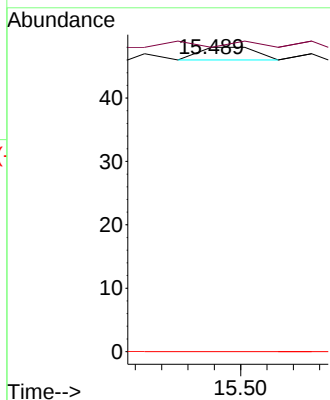
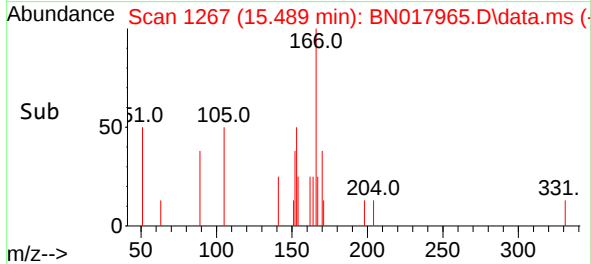


#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.489 min Scan# 1266
Delta R.T. 0.013 min
Lab File: BN017965.D
Acq: 13 Dec 2021 10:44

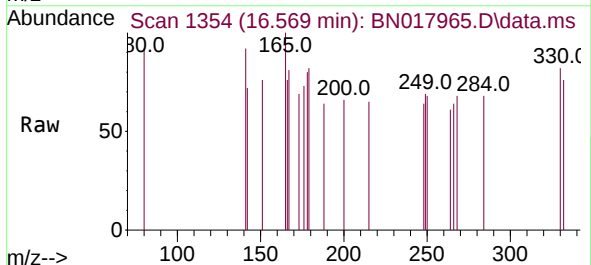
Instrument :
BNA_N
ClientSampleId :



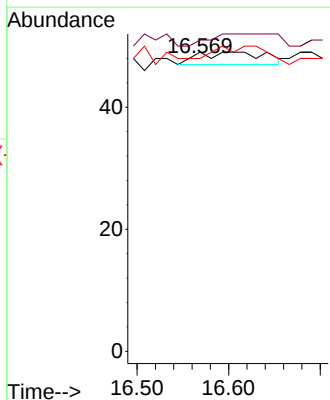
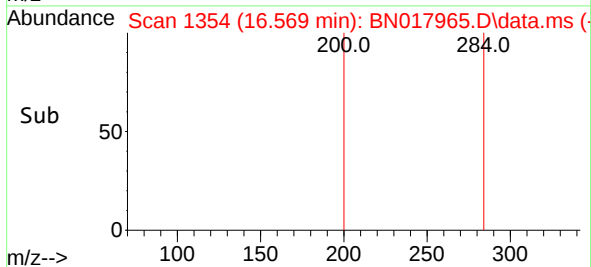
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
182 100.0 70.8 106.2
77 0.0 0.0 0.0

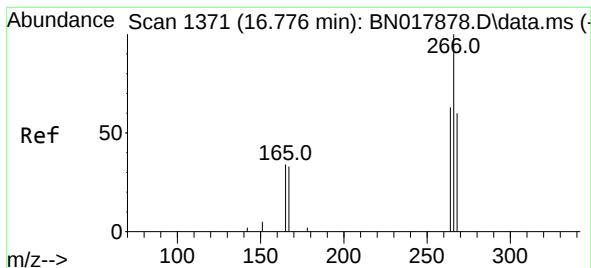


#23
Atrazine
Concen: 0.092 ng
RT: 16.569 min Scan# 1354
Delta R.T. -0.000 min
Lab File: BN017965.D
Acq: 13 Dec 2021 10:44



Tgt Ion:200 Resp: 10
Ion Ratio Lower Upper
200 100
173 104.1 18.2 27.2#
215 98.0 41.8 62.8#





#24

Pentachlorophenol

Concen: 0.093 ng

RT: 16.837 min Scan# 11

Delta R.T. 0.061 min

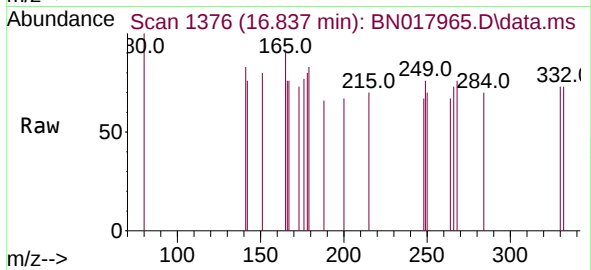
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Instrument :

BNA_N

ClientSampleId :



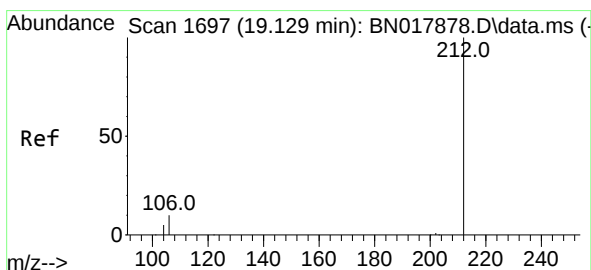
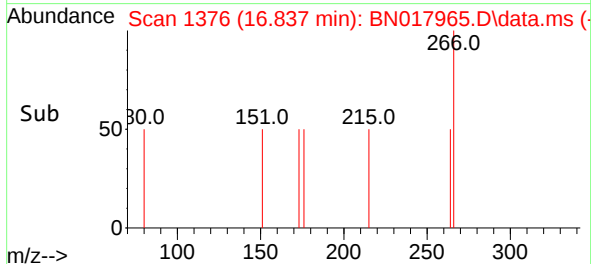
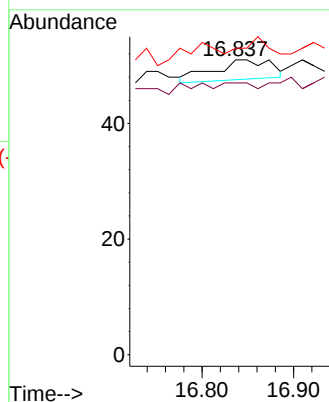
Tgt Ion:266 Resp: 15

Ion Ratio Lower Upper

266 100

264 0.0 50.6 76.0#

268 0.0 53.7 80.5#



#27

Fluoranthene-d10

Concen: 0.305 ng

RT: 19.144 min Scan# 1700

Delta R.T. 0.015 min

Lab File: BN017965.D

Acq: 13 Dec 2021 10:44

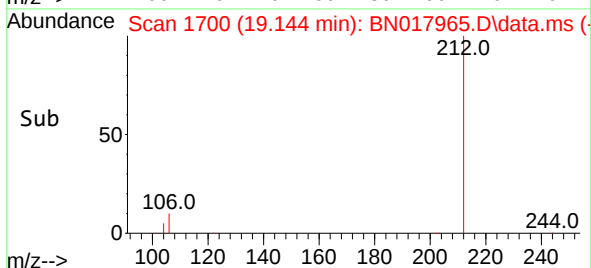
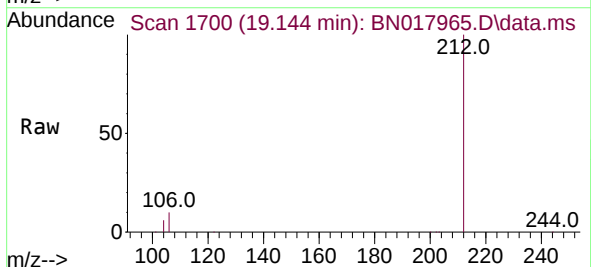
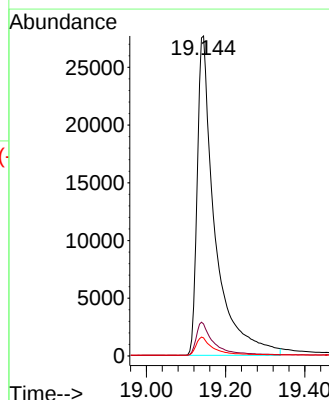
Tgt Ion:212 Resp: 85990

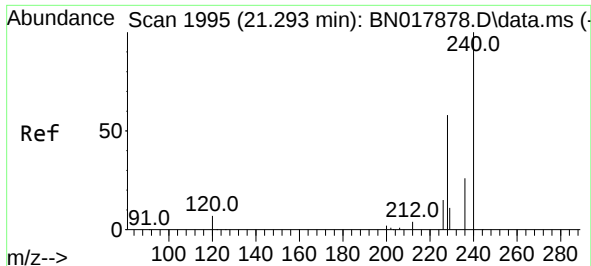
Ion Ratio Lower Upper

212 100

106 10.4 8.3 12.5

104 5.7 4.6 6.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.303 min Scan# 1996

Delta R.T. 0.010 min

Lab File: BN017965.D

Acq: 13 Dec 2021 10:44

Instrument :

BNA_N

ClientSampleId :

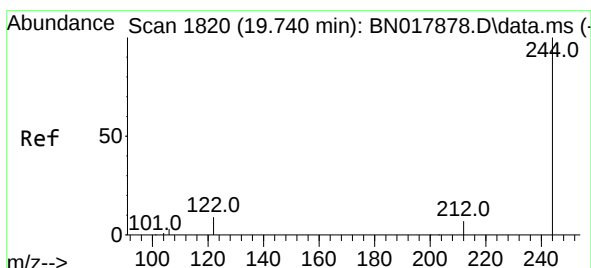
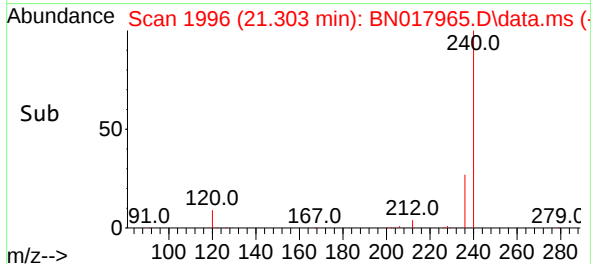
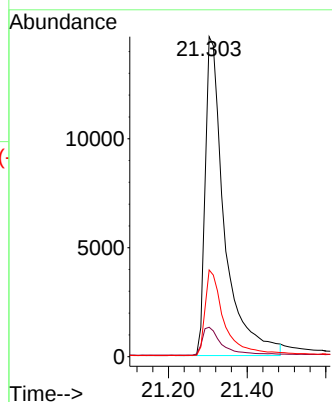
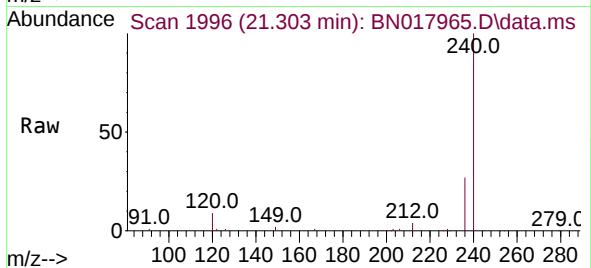
Tgt Ion:240 Resp: 49763

Ion Ratio Lower Upper

240 100

120 9.2 5.8 8.8#

236 27.1 21.0 31.6



#31

Terphenyl-d14

Concen: 0.484 ng

RT: 19.750 min Scan# 1822

Delta R.T. 0.010 min

Lab File: BN017965.D

Acq: 13 Dec 2021 10:44

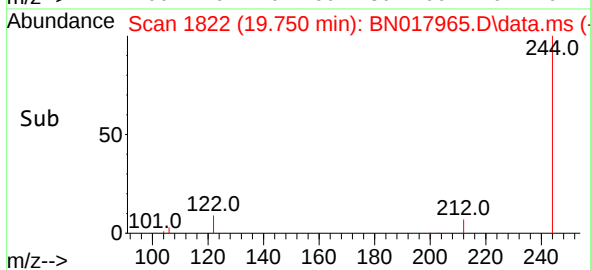
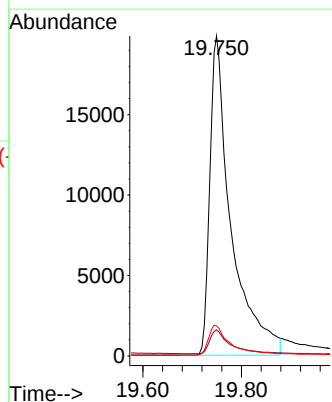
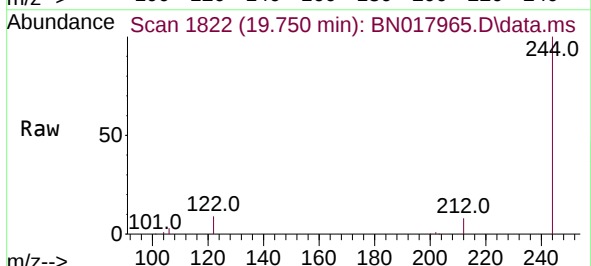
Tgt Ion:244 Resp: 59335

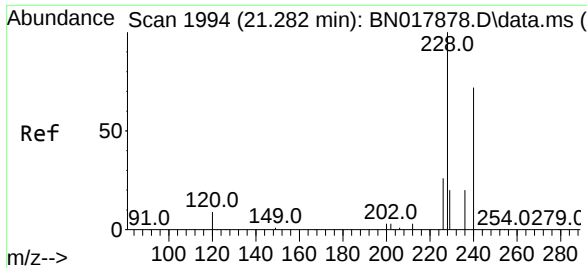
Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

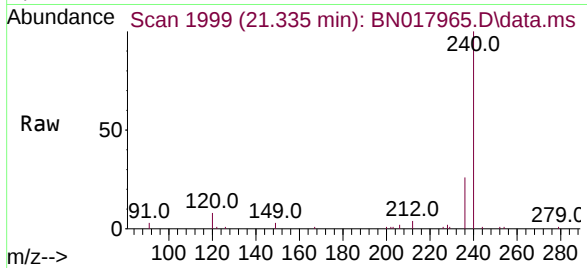
122 9.4 7.5 11.3



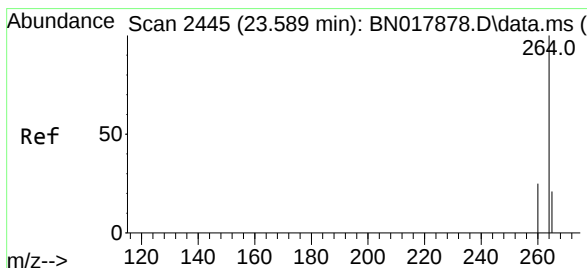
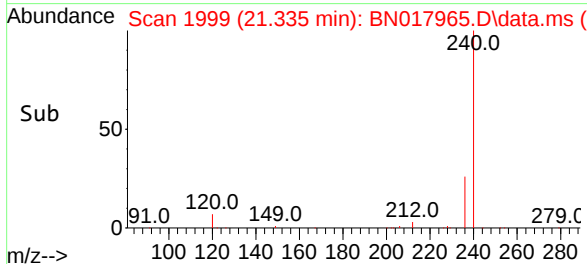
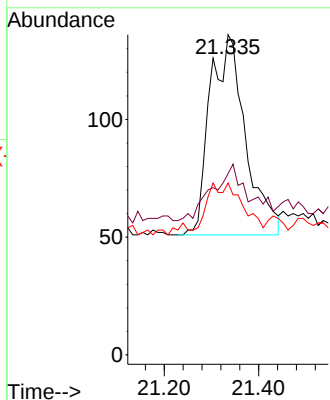


#32
Benzo(a)anthracene
Concen: 0.053 ng
RT: 21.335 min Scan# 1999
Delta R.T. 0.053 min
Lab File: BN017965.D
Acq: 13 Dec 2021 10:44

Instrument :
BNA_N
ClientSampleId :

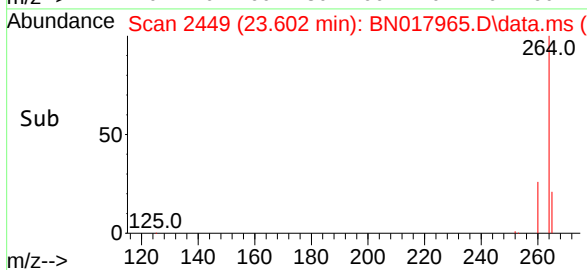
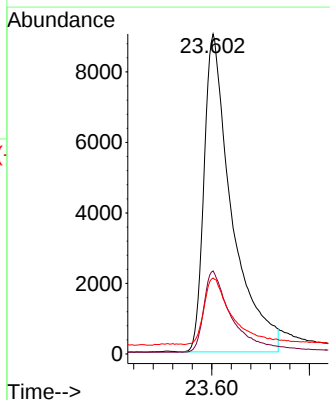
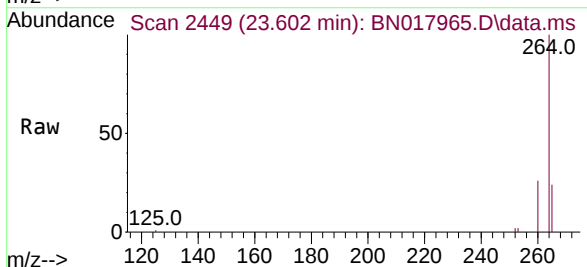


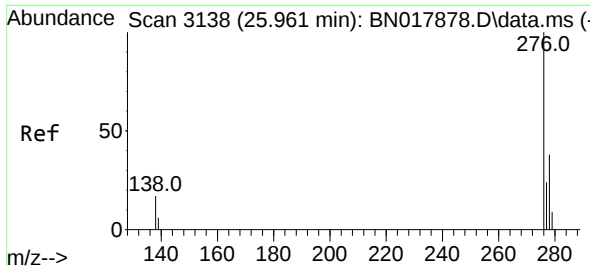
Tgt Ion:228 Resp: 443
Ion Ratio Lower Upper
228 100
226 56.6 21.0 31.4#
229 53.7 15.8 23.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.602 min Scan# 2449
Delta R.T. 0.013 min
Lab File: BN017965.D
Acq: 13 Dec 2021 10:44

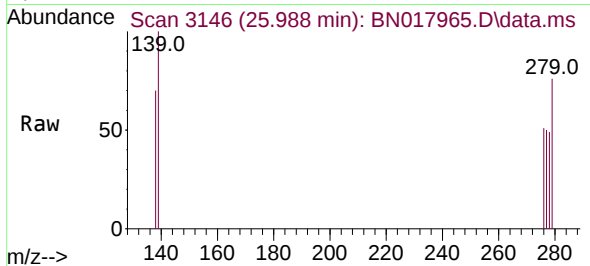
Tgt Ion:264 Resp: 35461
Ion Ratio Lower Upper
264 100
260 25.9 20.2 30.4
265 23.8 18.2 27.4



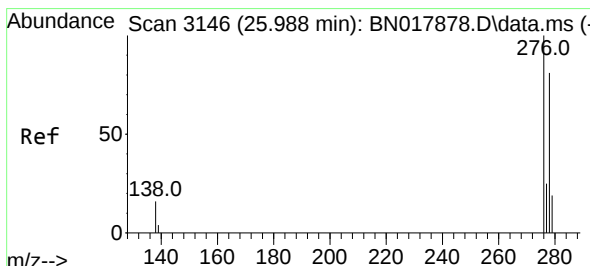
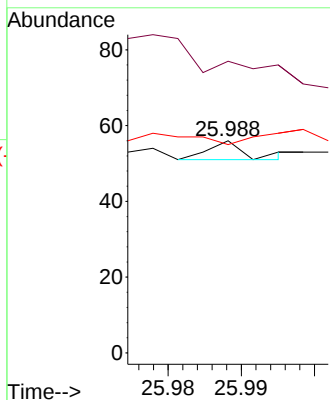
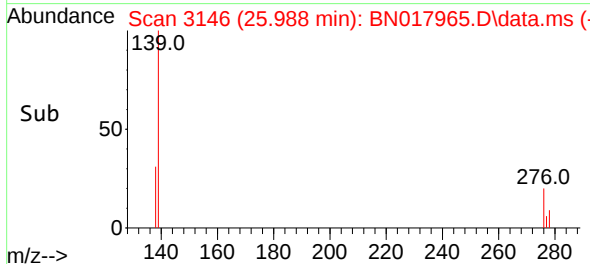


#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.089 ng
 RT: 25.988 min Scan# 3138
 Delta R.T. 0.027 min
 Lab File: BN017965.D
 Acq: 13 Dec 2021 10:44

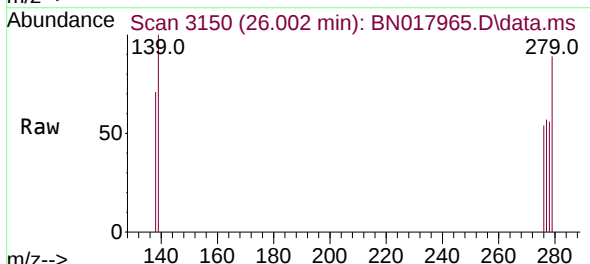
Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:276 Resp: 2
 Ion Ratio Lower Upper
 276 100
 138 0.0 15.2 22.8#
 277 100.0 19.8 29.6#



#40
 Dibenzo(a,h)anthracene
 Concen: 0.101 ng
 RT: 26.002 min Scan# 3150
 Delta R.T. 0.014 min
 Lab File: BN017965.D
 Acq: 13 Dec 2021 10:44



Tgt Ion:278 Resp: 5
 Ion Ratio Lower Upper
 278 100
 139 180.0 12.0 18.0#
 279 160.0 20.8 31.2#

