

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082922\
 Data File : BN021425.D
 Acq On : 29 Aug 2022 16:53
 Operator : CG/JU
 Sample : PB147305BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB147305BL

Quant Time: Aug 30 01:14:40 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 29 16:30:43 2022
 Response via : Initial Calibration

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

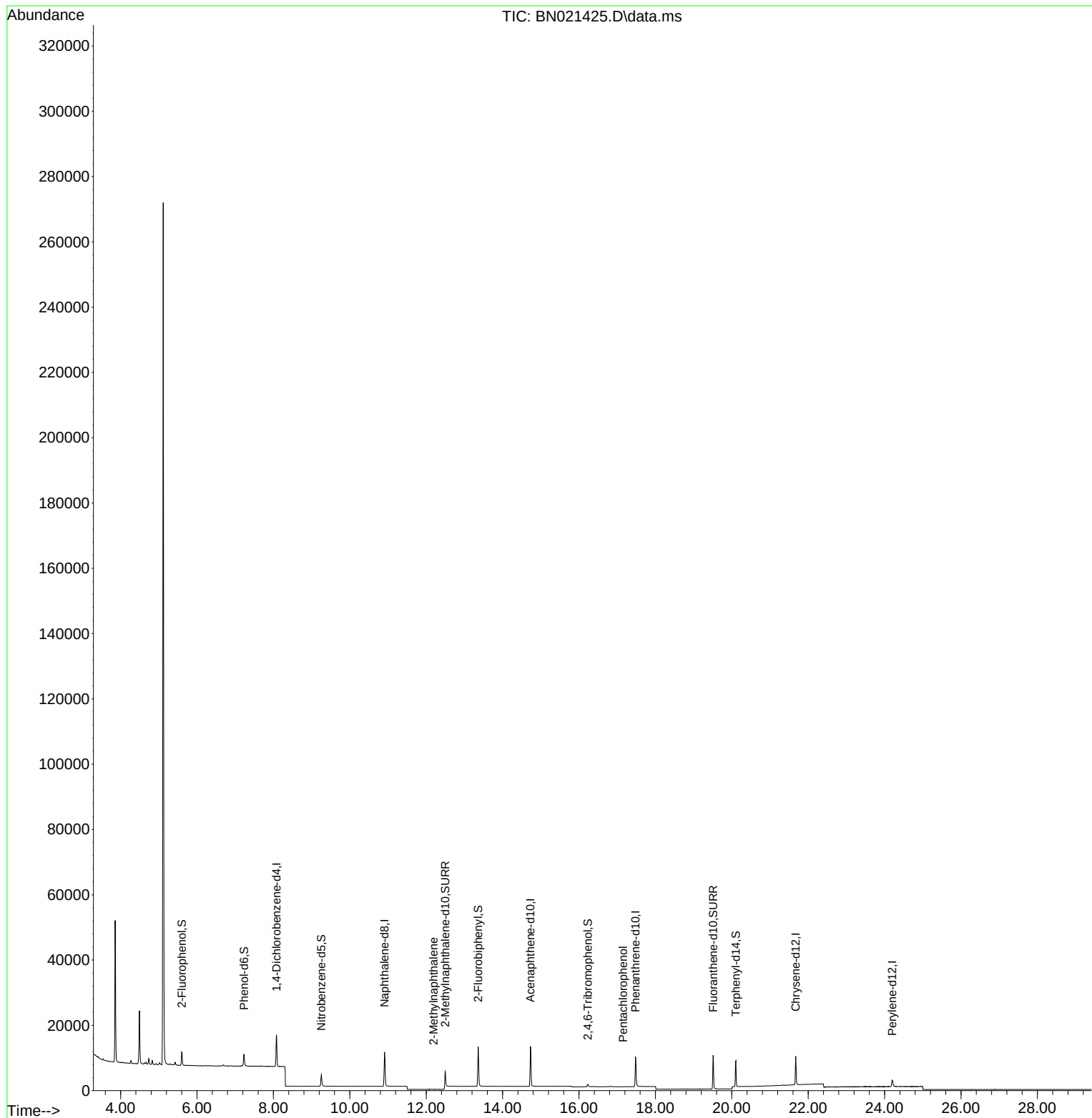
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	4959	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	14842	0.400	ng	0.00
13) Acenaphthene-d10	14.728	164	7318	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	14356	0.400	ng	0.00
29) Chrysene-d12	21.673	240	8315	0.400	ng	# 0.00
35) Perylene-d12	24.200	264	3451	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.606	112	3603	0.371	ng	0.00
5) Phenol-d6	7.231	99	4160	0.336	ng	0.00
8) Nitrobenzene-d5	9.254	82	3261	0.325	ng	0.00
11) 2-Methylnaphthalene-d10	12.497	152	10763	0.322	ng	0.00
14) 2,4,6-Tribromophenol	16.229	330	566	0.236	ng	0.01
15) 2-Fluorobiphenyl	13.360	172	11304	0.353	ng	0.00
27) Fluoranthene-d10	19.514	212	12205	0.331	ng	0.00
31) Terphenyl-d14	20.106	244	7854	0.420	ng	0.00
Target Compounds						
12) 2-Methylnaphthalene	12.195	142	3	0.127	ng	# 1
24) Pentachlorophenol	17.152	266	13	0.206	ng	93

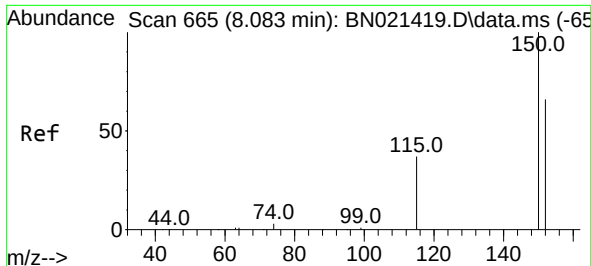
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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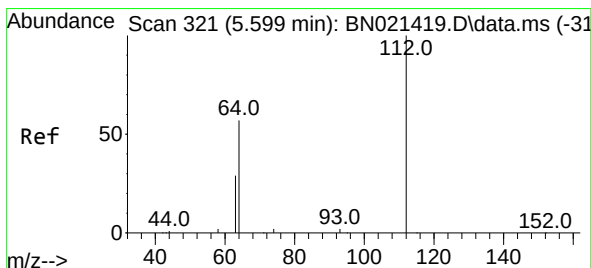
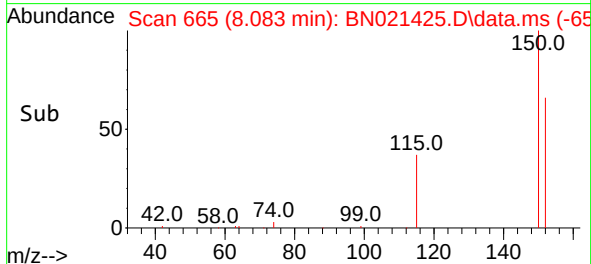
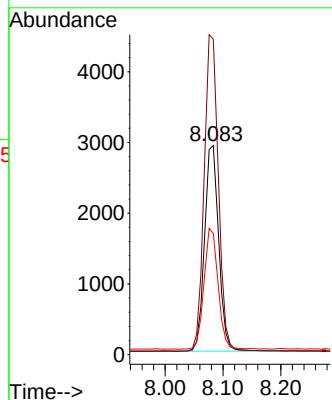
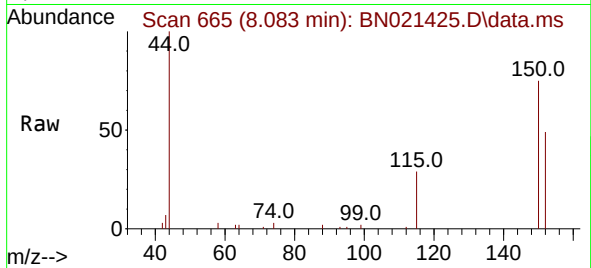




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.083 min Scan# 665
 Delta R.T. 0.000 min
 Lab File: BN021425.D
 Acq: 29 Aug 2022 16:53

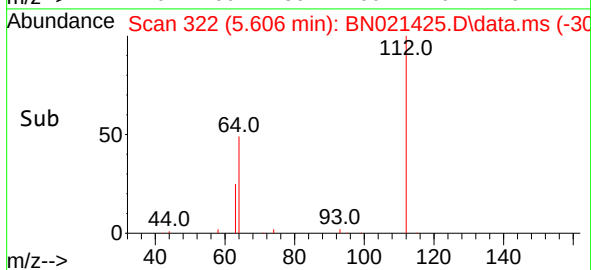
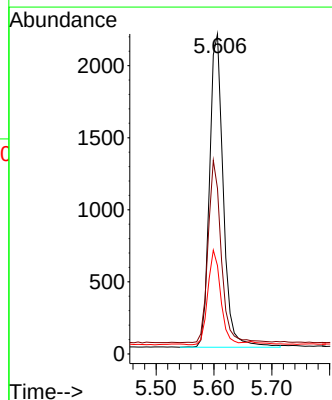
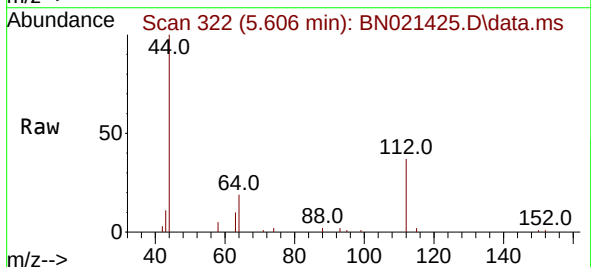
Instrument :
 BNA_N
 ClientSampleId :
 PB147305BL

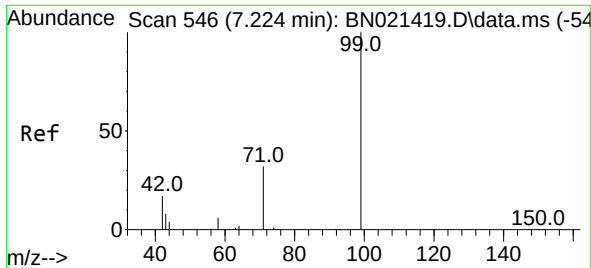
Tgt Ion:152 Resp: 4959
 Ion Ratio Lower Upper
 152 100
 150 150.8 121.4 182.0
 115 58.0 48.6 72.8



#4
 2-Fluorophenol
 Concen: 0.371 ng
 RT: 5.606 min Scan# 322
 Delta R.T. 0.007 min
 Lab File: BN021425.D
 Acq: 29 Aug 2022 16:53

Tgt Ion:112 Resp: 3603
 Ion Ratio Lower Upper
 112 100
 64 55.4 43.5 65.3
 63 28.4 22.6 34.0

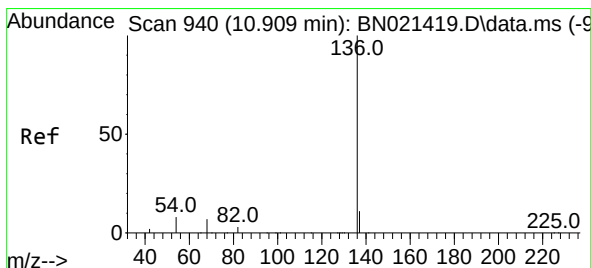
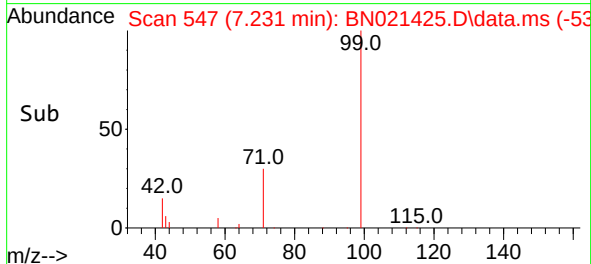
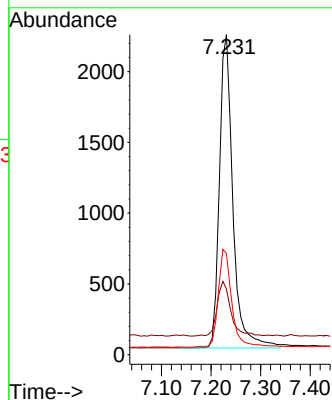
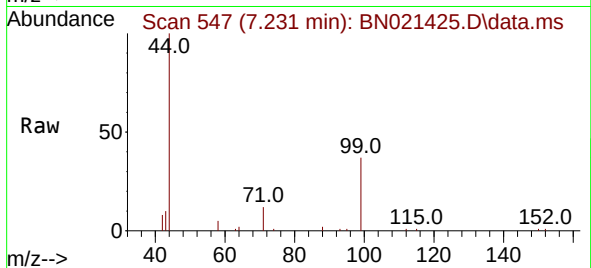




#5
Phenol-d6
Concen: 0.336 ng
RT: 7.231 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN021425.D
Acq: 29 Aug 2022 16:53

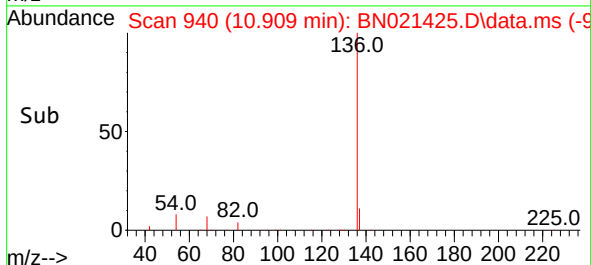
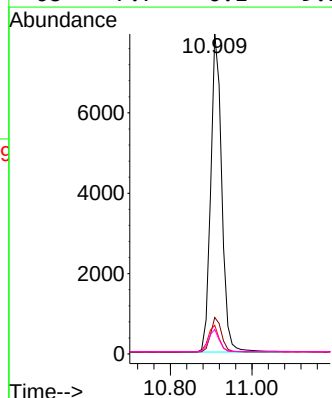
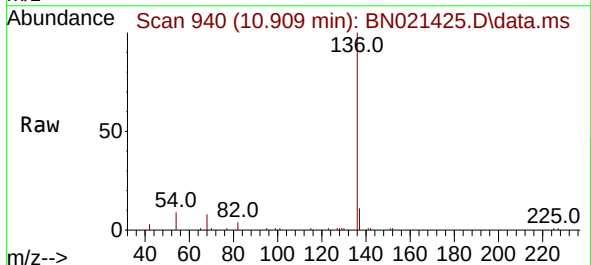
Instrument :
BNA_N
ClientSampleId :
PB147305BL

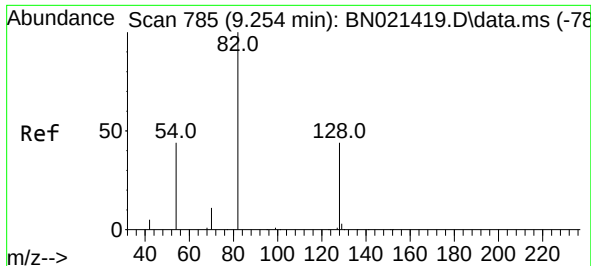
Tgt Ion: 99 Resp: 4160
Ion Ratio Lower Upper
99 100
42 17.8 15.5 23.3
71 31.5 24.2 36.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 940
Delta R.T. -0.000 min
Lab File: BN021425.D
Acq: 29 Aug 2022 16:53

Tgt Ion: 136 Resp: 14842
Ion Ratio Lower Upper
136 100
137 11.4 9.3 13.9
54 8.9 6.9 10.3
68 7.7 6.1 9.1

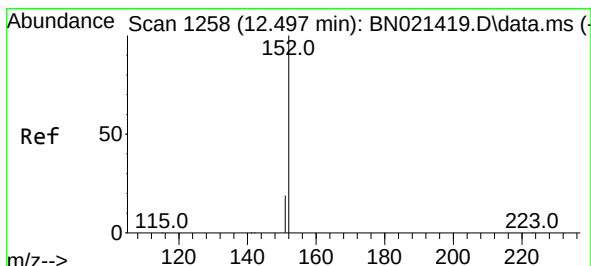
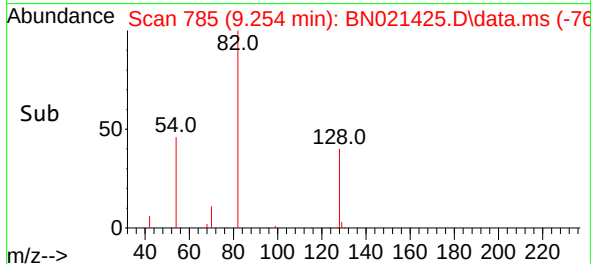
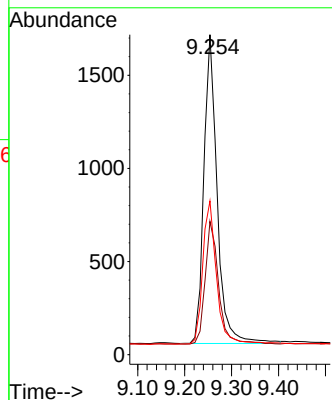
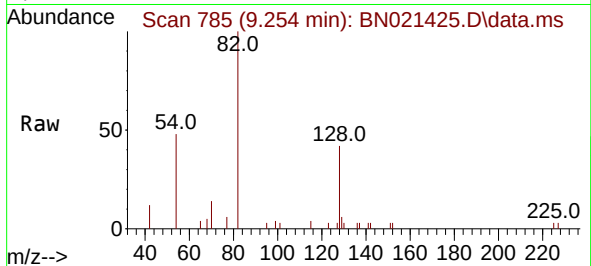




#8
 Nitrobenzene-d5
 Concen: 0.325 ng
 RT: 9.254 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: BN021425.D
 Acq: 29 Aug 2022 16:53

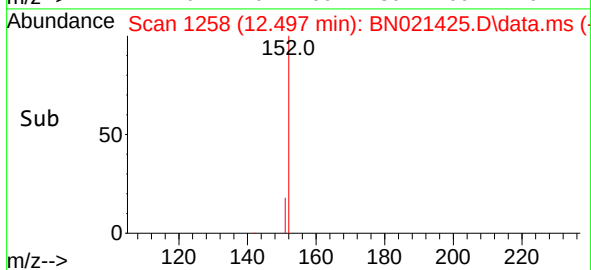
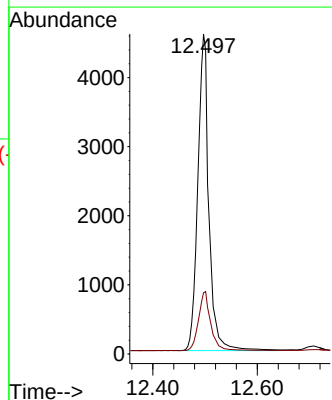
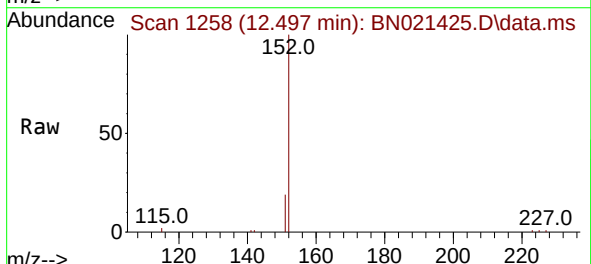
Instrument :
 BNA_N
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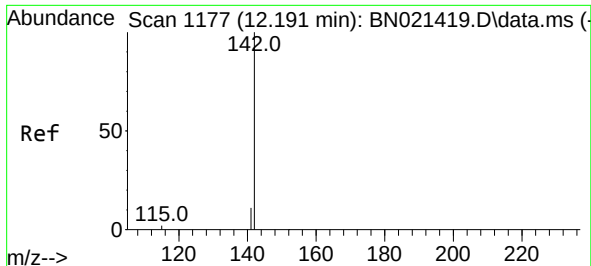
Tgt Ion: 82 Resp: 3261
 Ion Ratio Lower Upper
 82 100
 128 41.6 30.9 46.3
 54 48.0 42.7 64.1



#11
 2-Methylnaphthalene-d10
 Concen: 0.322 ng
 RT: 12.497 min Scan# 1258
 Delta R.T. 0.000 min
 Lab File: BN021425.D
 Acq: 29 Aug 2022 16:53

Tgt Ion: 152 Resp: 10763
 Ion Ratio Lower Upper
 152 100
 151 18.1 14.5 21.7

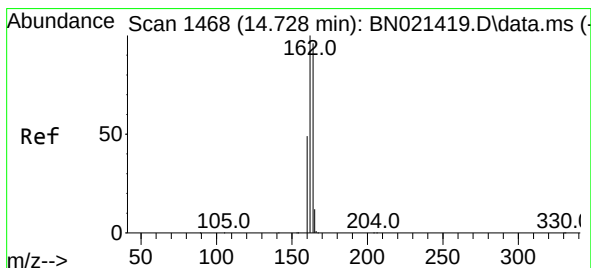
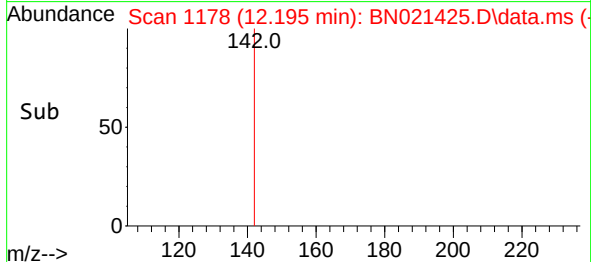
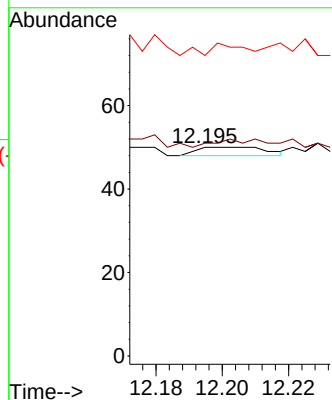
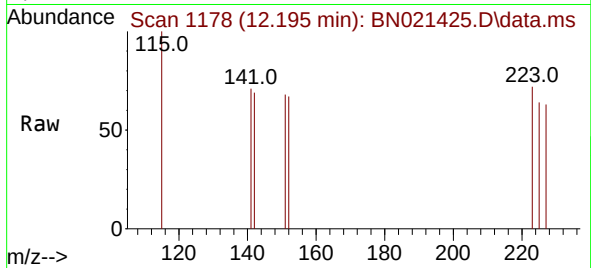




#12
2-Methylnaphthalene
Concen: 0.127 ng
RT: 12.195 min Scan# 1178
Delta R.T. 0.004 min
Lab File: BN021425.D
Acq: 29 Aug 2022 16:53

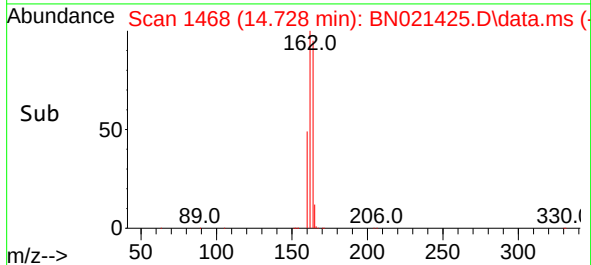
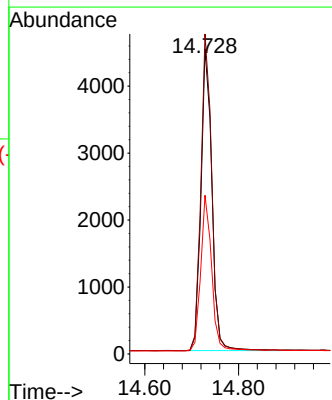
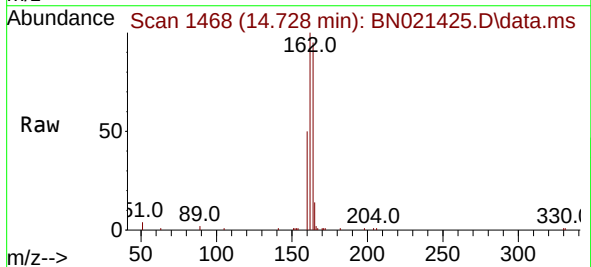
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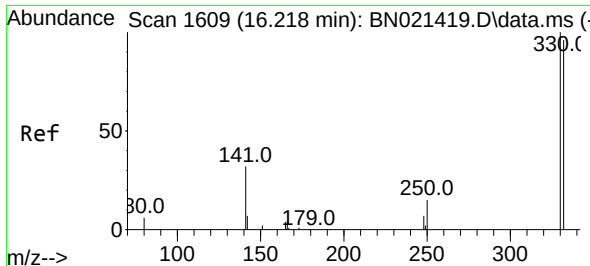
Tgt Ion:142 Resp: 3
Ion Ratio Lower Upper
142 100
141 102.0 12.2 18.2#
115 144.0 7.9 11.9#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.728 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BN021425.D
Acq: 29 Aug 2022 16:53

Tgt Ion:164 Resp: 7318
Ion Ratio Lower Upper
164 100
162 104.8 82.2 123.4
160 52.0 39.5 59.3

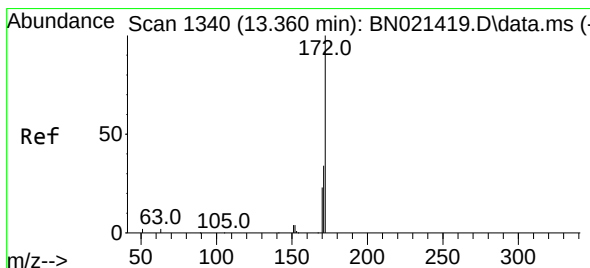
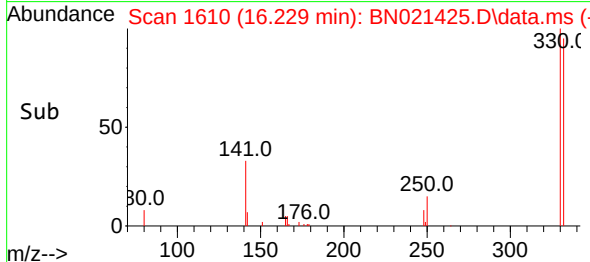
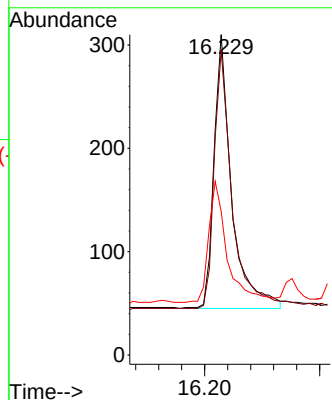
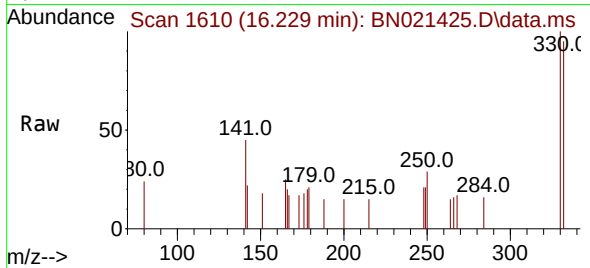




#14
2,4,6-Tribromophenol
Concen: 0.236 ng
RT: 16.229 min Scan# 1610
Delta R.T. 0.011 min
Lab File: BN021425.D
Acq: 29 Aug 2022 16:53

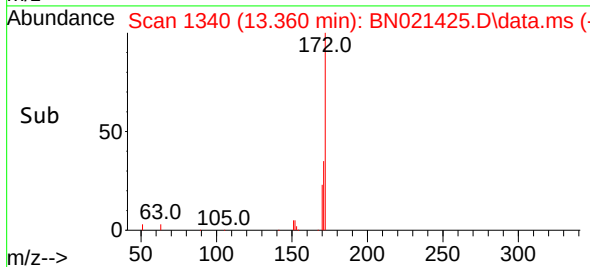
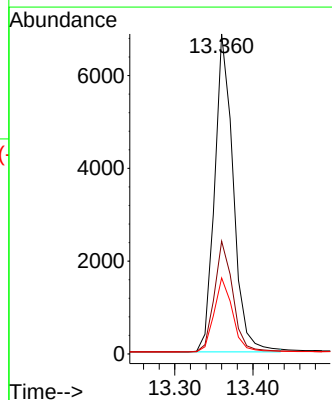
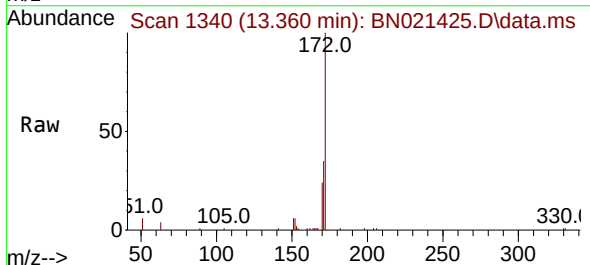
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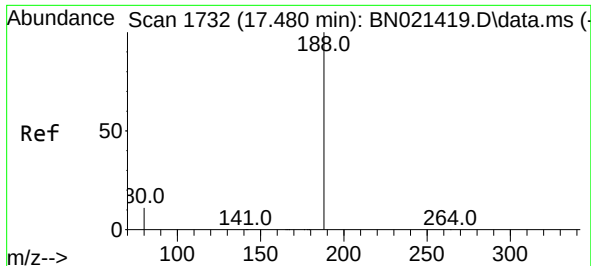
Tgt Ion:330 Resp: 566
Ion Ratio Lower Upper
330 100
332 95.6 79.3 118.9
141 45.9 37.1 55.7



#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 13.360 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BN021425.D
Acq: 29 Aug 2022 16:53

Tgt Ion:172 Resp: 11304
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.6
170 23.8 18.6 28.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.480 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN021425.D

Acq: 29 Aug 2022 16:53

Instrument :

BNA_N

ClientSampleId :

PB147305BL

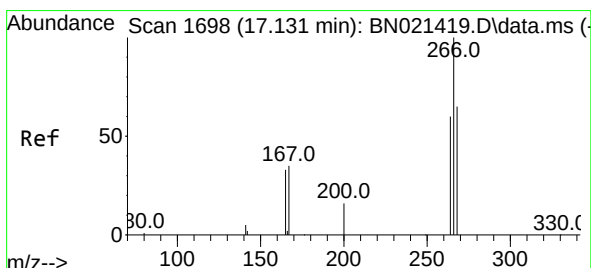
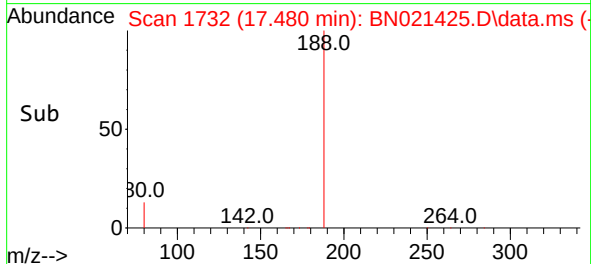
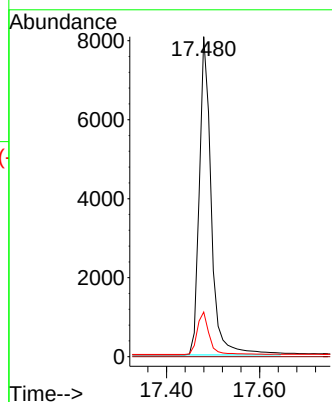
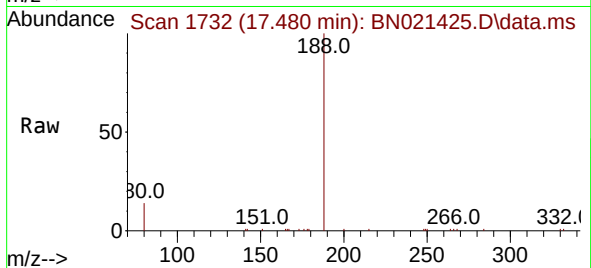
Tgt Ion:188 Resp: 14356

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.9 9.5 14.3



#24

Pentachlorophenol

Concen: 0.206 ng

RT: 17.152 min Scan# 1700

Delta R.T. 0.021 min

Lab File: BN021425.D

Acq: 29 Aug 2022 16:53

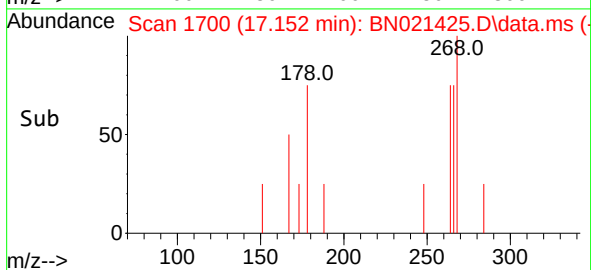
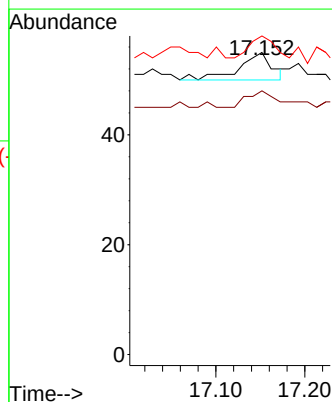
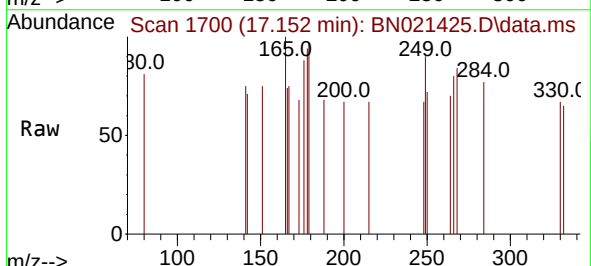
Tgt Ion:266 Resp: 13

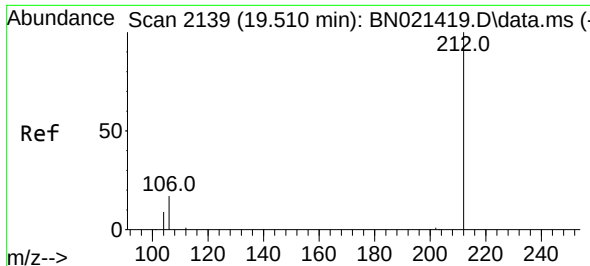
Ion Ratio Lower Upper

266 100

264 61.5 49.0 73.6

268 53.8 50.9 76.3

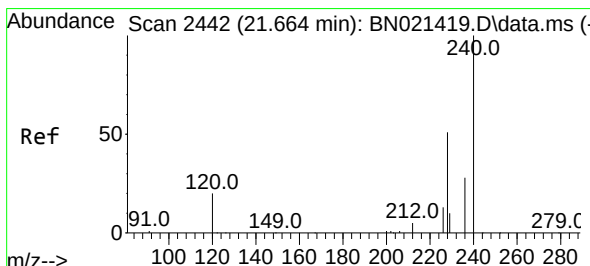
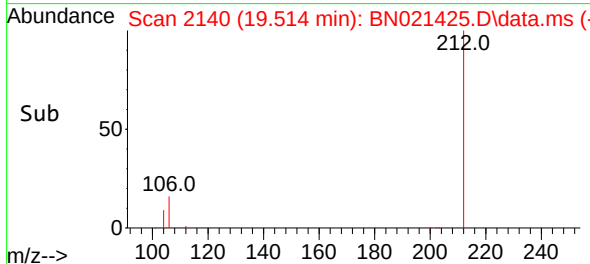
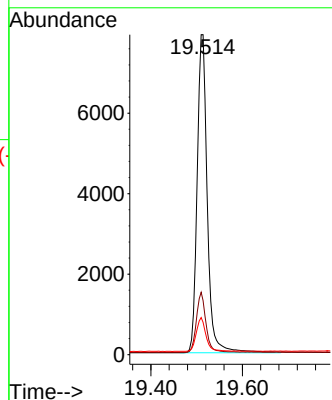
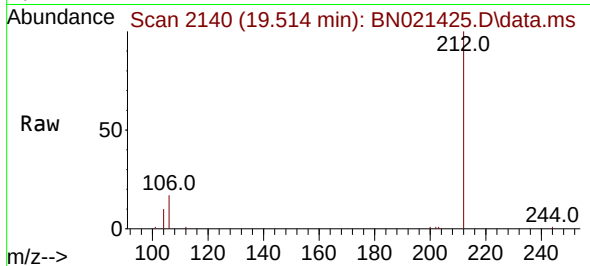




#27
Fluoranthene-d10
Concen: 0.331 ng
RT: 19.514 min Scan# 2139
Delta R.T. 0.004 min
Lab File: BN021425.D
Acq: 29 Aug 2022 16:53

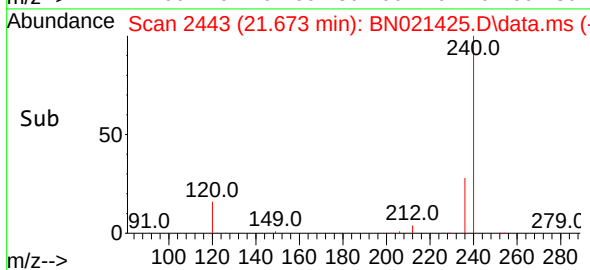
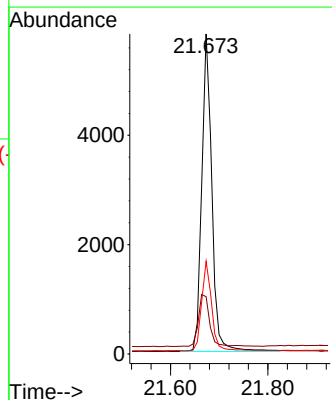
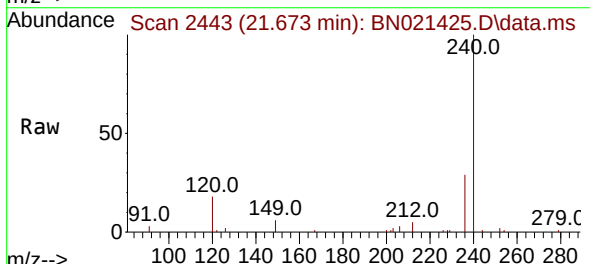
Instrument :
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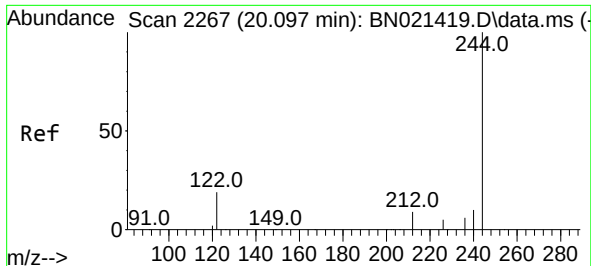
Tgt Ion:212 Resp: 12205
Ion Ratio Lower Upper
212 100
106 17.8 14.2 21.2
104 10.1 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.673 min Scan# 2443
Delta R.T. 0.009 min
Lab File: BN021425.D
Acq: 29 Aug 2022 16:53

Tgt Ion:240 Resp: 8315
Ion Ratio Lower Upper
240 100
120 17.9 10.2 15.4#
236 29.0 22.1 33.1

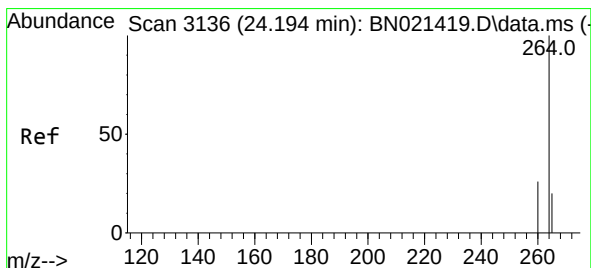
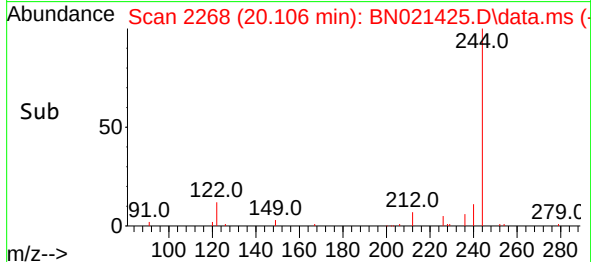
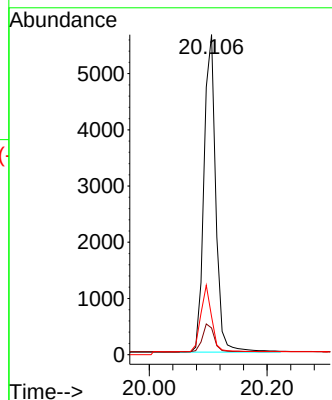
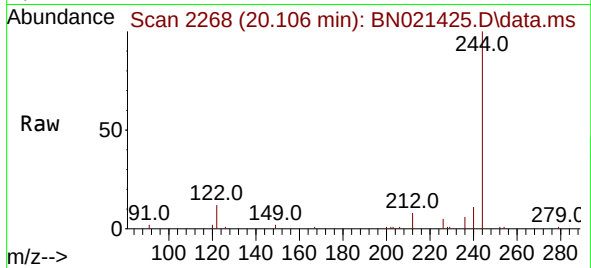




#31
 Terphenyl-d14
 Concen: 0.420 ng
 RT: 20.106 min Scan# 21
 Delta R.T. 0.009 min
 Lab File: BN021425.D
 Acq: 29 Aug 2022 16:53

Instrument :
 BNA_N
 ClientSampleId :
 PB147305BL

Tgt Ion:244 Resp: 7854
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.5 9.7
 122 11.9 9.1 13.7



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.200 min Scan# 3138
 Delta R.T. 0.006 min
 Lab File: BN021425.D
 Acq: 29 Aug 2022 16:53

Tgt Ion:264 Resp: 3451
 Ion Ratio Lower Upper
 264 100
 260 28.9 21.0 31.6
 265 62.6 32.2 48.2#

