

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090222\
 Data File : BN021569.D
 Acq On : 02 Sep 2022 19:52
 Operator : CG/JU
 Sample : N4357-07DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20220823DL

Quant Time: Sep 03 03:09:24 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 00:53:31 2022
 Response via : Initial Calibration

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

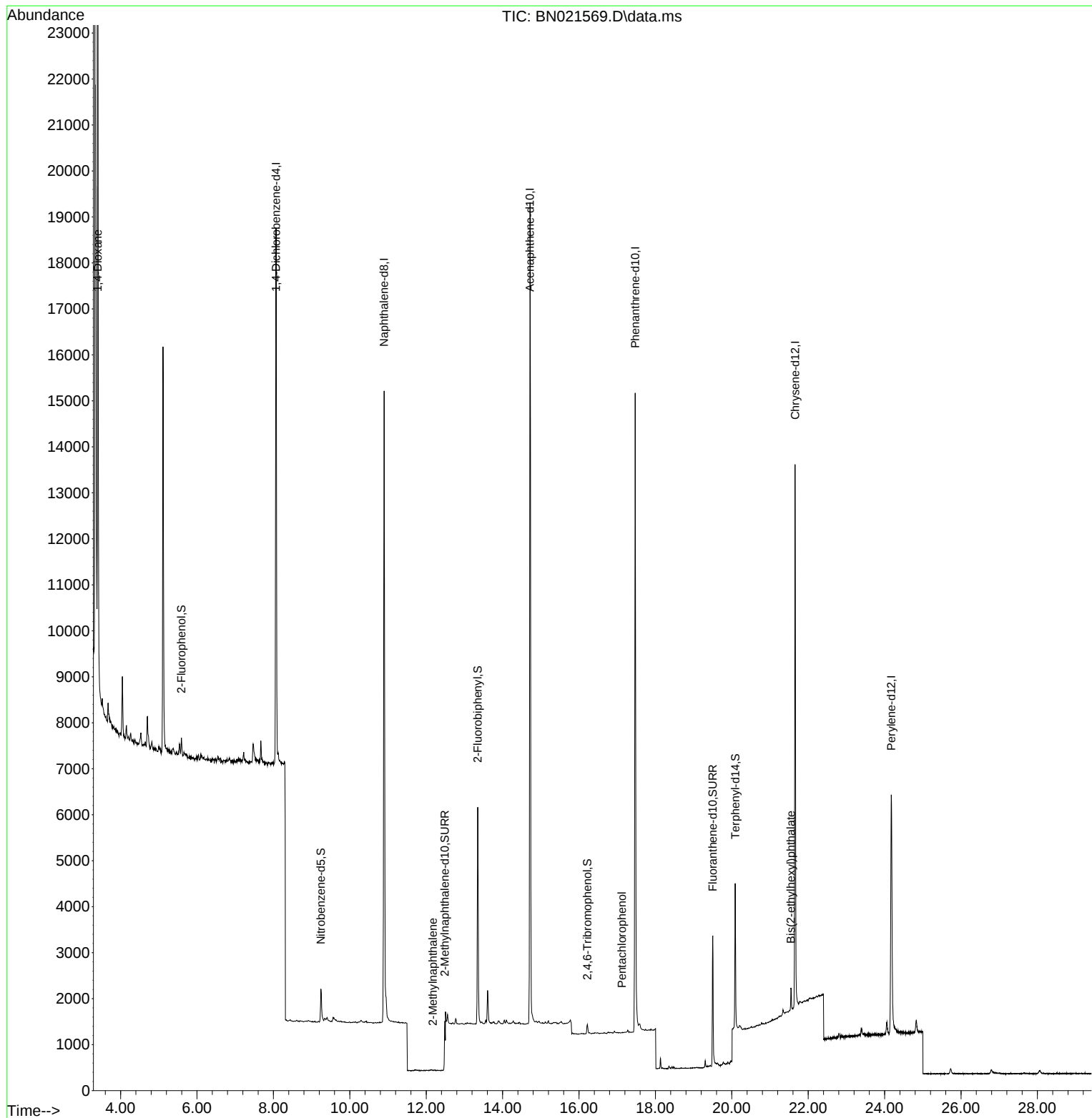
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	5840	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	18665	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	10461	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	20516	0.400	ng	0.00
29) Chrysene-d12	21.655	240	11307	0.400	ng	# 0.00
35) Perylene-d12	24.173	264	8634	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	351	0.031	ng	0.00
5) Phenol-d6	7.224	99	261	0.018	ng	0.00
8) Nitrobenzene-d5	9.243	82	746	0.059	ng	0.00
11) 2-Methylnaphthalene-d10	12.490	152	2566	0.061	ng	0.00
14) 2,4,6-Tribromophenol	16.219	330	158	0.046	ng	0.00
15) 2-Fluorobiphenyl	13.349	172	4258	0.093	ng	0.00
27) Fluoranthene-d10	19.501	212	3395	0.064	ng	0.00
31) Terphenyl-d14	20.088	244	2737	0.108	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	9876	1.352	ng	# 89
12) 2-Methylnaphthalene	12.172	142	2	0.127	ng	# 1
24) Pentachlorophenol	17.121	266	14	0.205	ng	98
34) Bis(2-ethylhexyl)phtha...	21.548	149	596	0.038	ng	# 88

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

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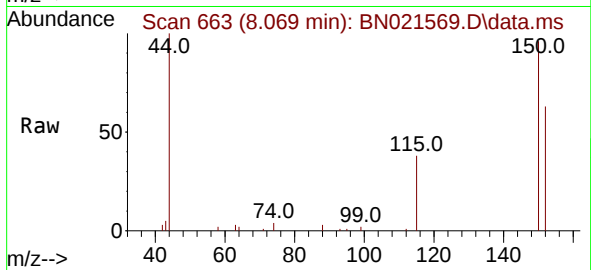
Quant Time: Sep 03 03:09:24 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 00:53:31 2022
Response via : Initial Calibration



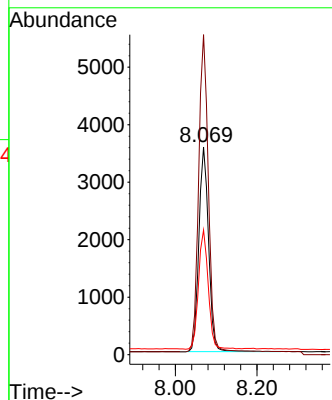
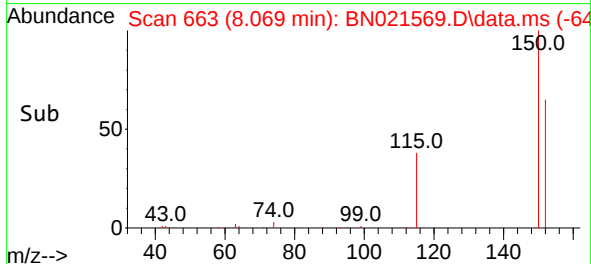


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.069 min Scan# 6
 Delta R.T. -0.000 min
 Lab File: BN021569.D
 Acq: 02 Sep 2022 19:52

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20220823DL

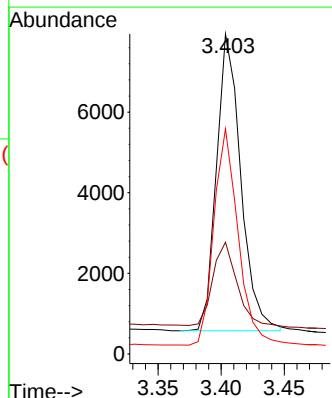
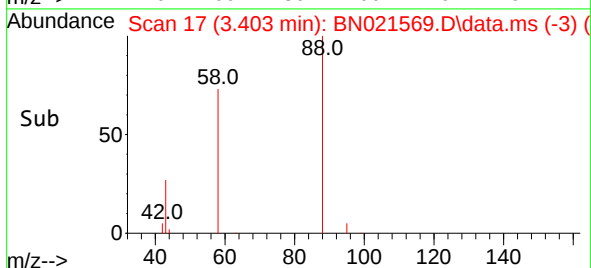
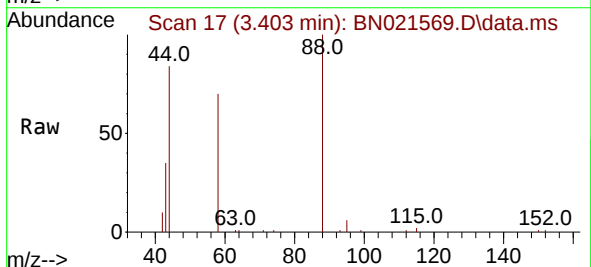


Tgt Ion:152 Resp: 5840
 Ion Ratio Lower Upper
 152 100
 150 154.1 121.4 182.0
 115 60.0 48.6 72.8



#2
 1,4-Dioxane
 Concen: 1.352 ng
 RT: 3.403 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: BN021569.D
 Acq: 02 Sep 2022 19:52

Tgt Ion: 88 Resp: 9876
 Ion Ratio Lower Upper
 88 100
 43 27.8 35.8 53.8#
 58 72.4 57.1 85.7





#4

2-Fluorophenol

Concen: 0.031 ng

RT: 5.592 min Scan# 321

Delta R.T. 0.000 min

Lab File: BN021569.D

Acq: 02 Sep 2022 19:52

Instrument :

BNA_N

ClientSampleId :

RE134D3-20220823DL

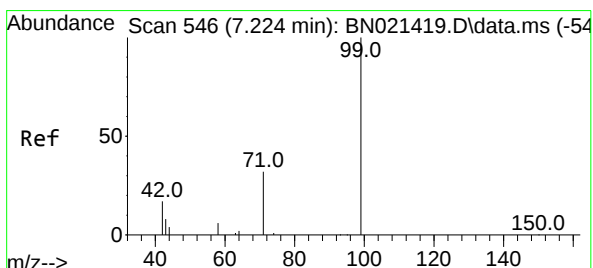
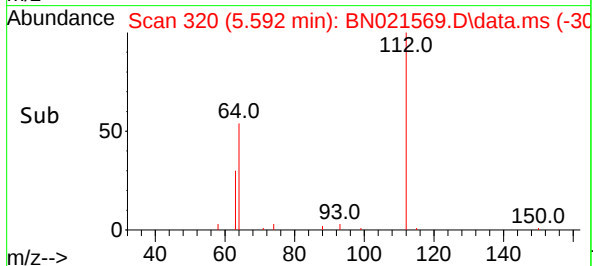
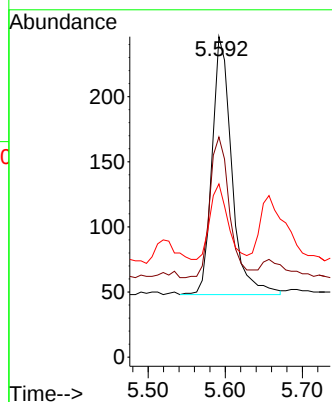
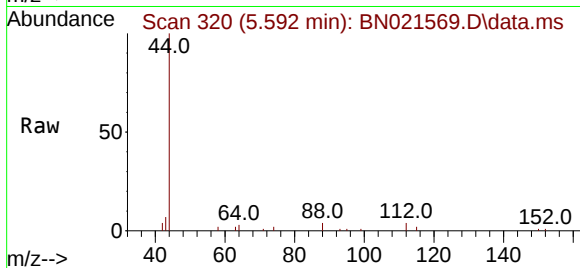
Tgt Ion:112 Resp: 351

Ion Ratio Lower Upper

112 100

64 53.8 43.5 65.3

63 26.2 22.6 34.0



#5

Phenol-d6

Concen: 0.018 ng

RT: 7.224 min Scan# 546

Delta R.T. 0.007 min

Lab File: BN021569.D

Acq: 02 Sep 2022 19:52

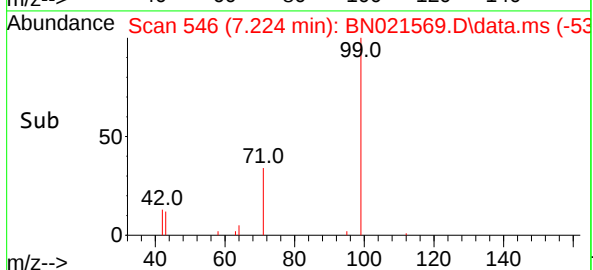
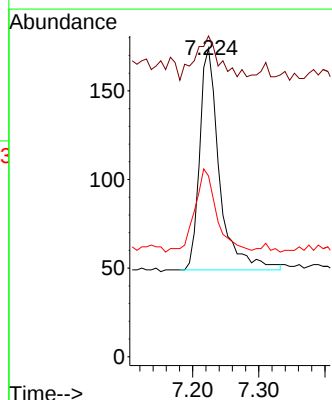
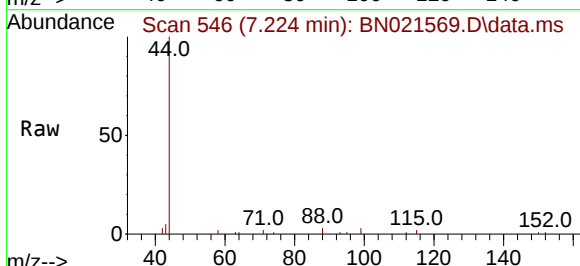
Tgt Ion: 99 Resp: 261

Ion Ratio Lower Upper

99 100

42 25.7 15.5 23.3#

71 41.8 24.2 36.2#

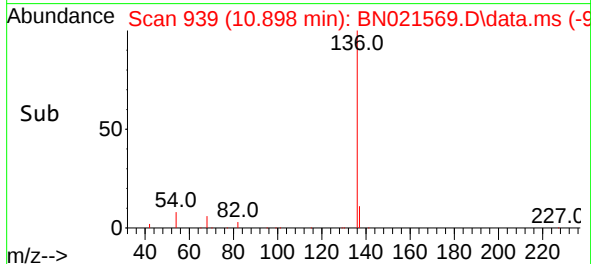
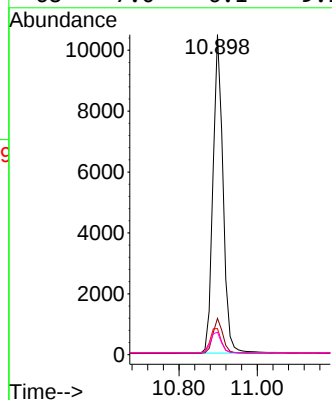
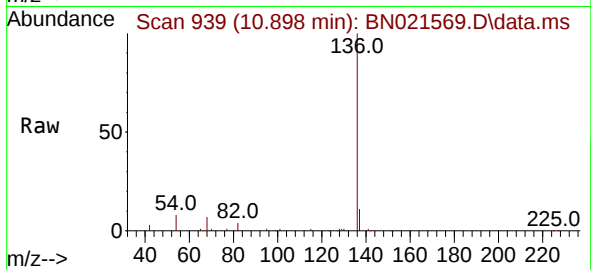




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN021569.D
Acq: 02 Sep 2022 19:52

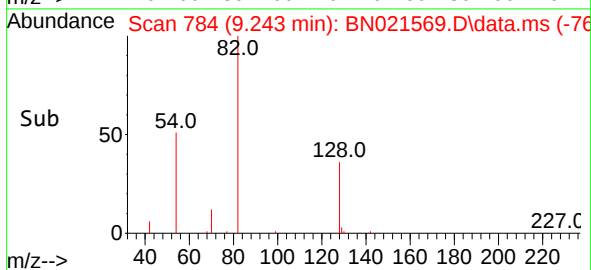
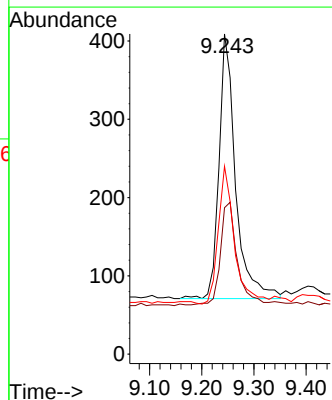
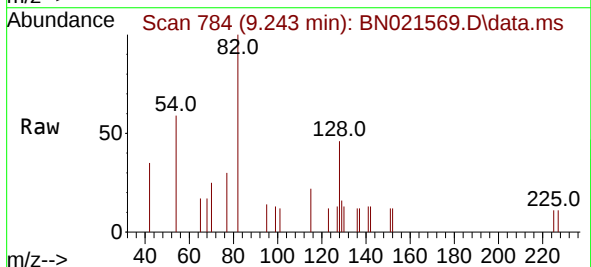
Instrument :
BNA_N
ClientSampleId :
RE134D3-20220823DL

Tgt Ion:	136	Resp:	18665
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.3	13.9
54	8.2	6.9	10.3
68	7.0	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.059 ng
RT: 9.243 min Scan# 784
Delta R.T. 0.000 min
Lab File: BN021569.D
Acq: 02 Sep 2022 19:52

Tgt Ion:	82	Resp:	746
Ion Ratio	Lower	Upper	
82	100		
128	45.7	30.9	46.3
54	58.7	42.7	64.1





#11

2-Methylnaphthalene-d10

Concen: 0.061 ng

RT: 12.490 min Scan# 1172

Delta R.T. 0.004 min

Lab File: BN021569.D

Acq: 02 Sep 2022 19:52

Instrument :

BNA_N

ClientSampleId :

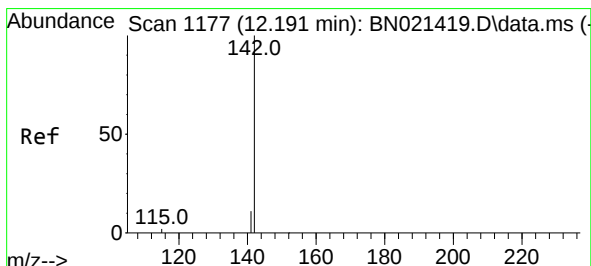
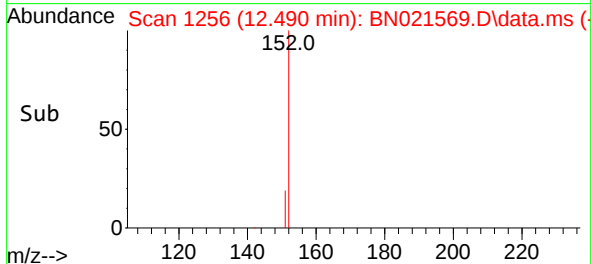
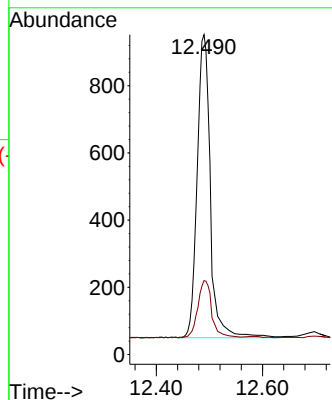
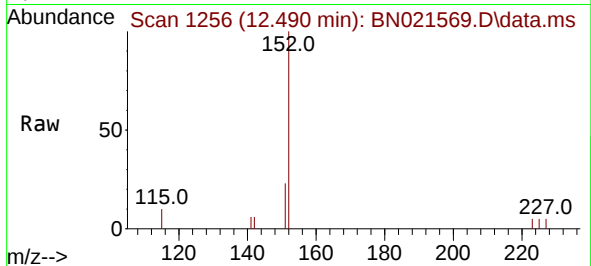
RE134D3-20220823DL

Tgt Ion:152 Resp: 2566

Ion Ratio Lower Upper

152 100

151 15.6 14.5 21.7



#12

2-Methylnaphthalene

Concen: 0.127 ng

RT: 12.172 min Scan# 1172

Delta R.T. -0.011 min

Lab File: BN021569.D

Acq: 02 Sep 2022 19:52

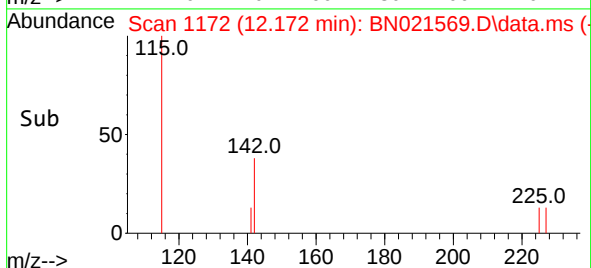
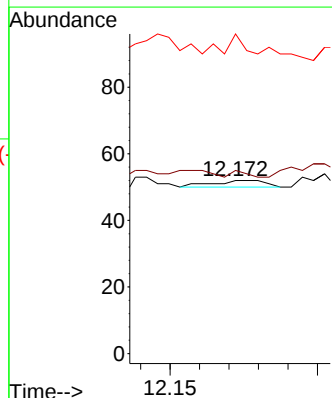
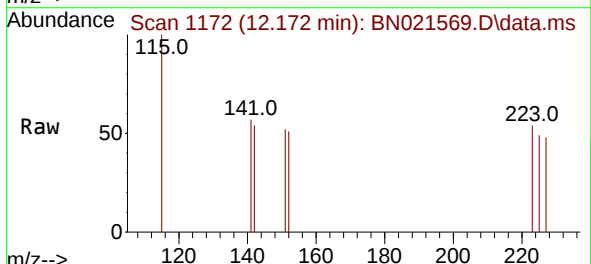
Tgt Ion:142 Resp: 2

Ion Ratio Lower Upper

142 100

141 105.8 12.2 18.2#

115 184.6 7.9 11.9#

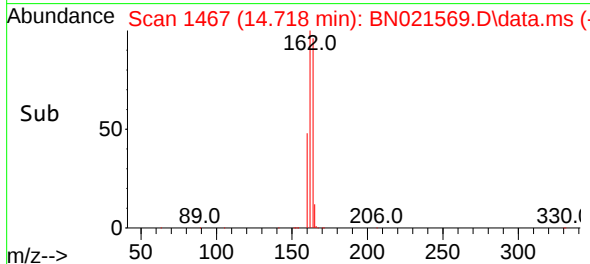
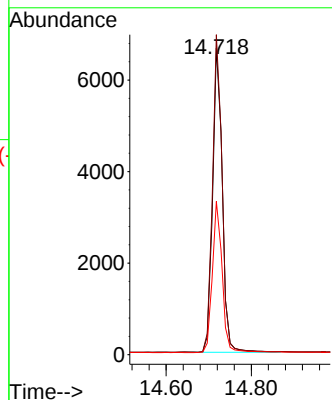
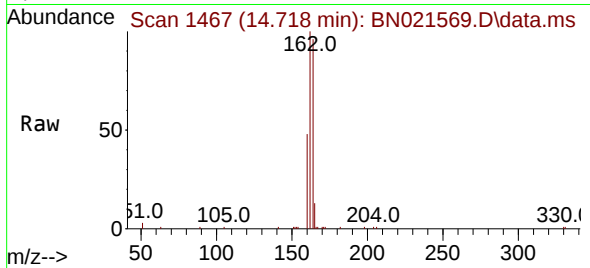




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN021569.D
Acq: 02 Sep 2022 19:52

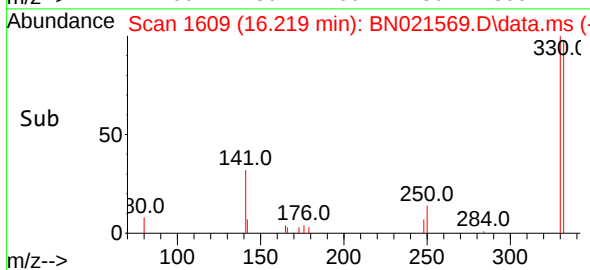
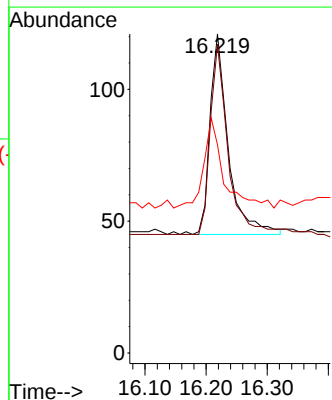
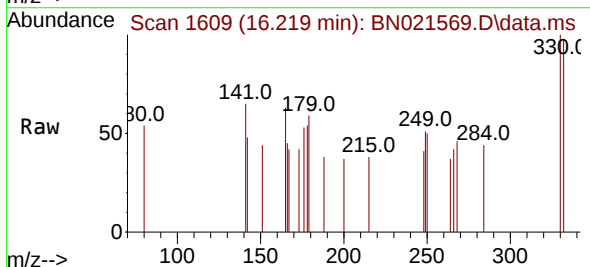
Instrument :
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ClientSampleId :
RE134D3-20220823DL

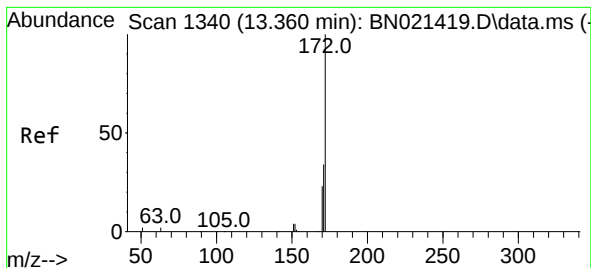
Tgt Ion:164 Resp: 10461
Ion Ratio Lower Upper
164 100
162 104.4 82.2 123.4
160 50.0 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.046 ng
RT: 16.219 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN021569.D
Acq: 02 Sep 2022 19:52

Tgt Ion:330 Resp: 158
Ion Ratio Lower Upper
330 100
332 91.8 79.3 118.9
141 48.1 37.1 55.7





#15

2-Fluorobiphenyl

Concen: 0.093 ng

RT: 13.349 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN021569.D

Acq: 02 Sep 2022 19:52

Instrument :

BNA_N

ClientSampleId :

RE134D3-20220823DL

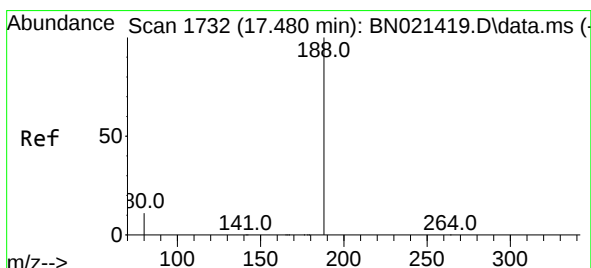
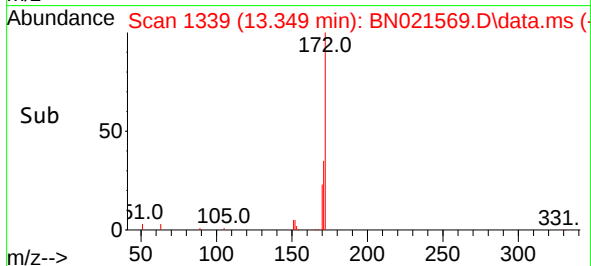
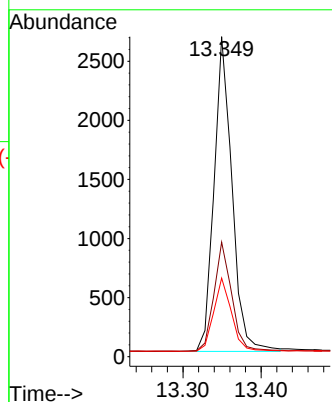
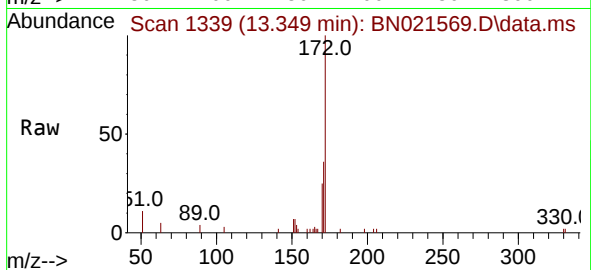
Tgt Ion:172 Resp: 4258

Ion Ratio Lower Upper

172 100

171 35.8 27.8 41.6

170 24.6 18.6 28.0



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.470 min Scan# 1731

Delta R.T. 0.000 min

Lab File: BN021569.D

Acq: 02 Sep 2022 19:52

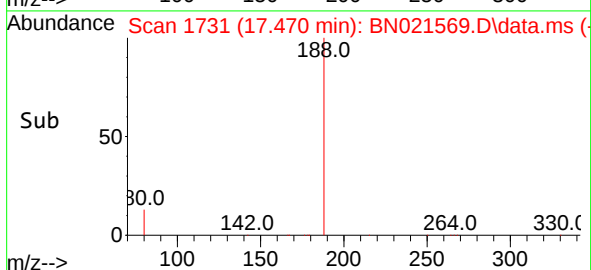
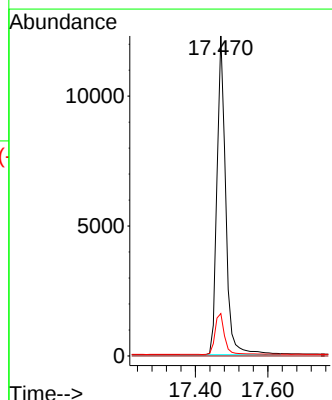
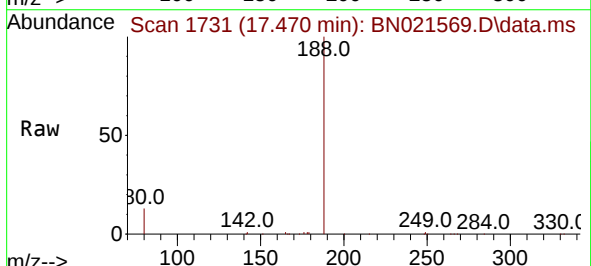
Tgt Ion:188 Resp: 20516

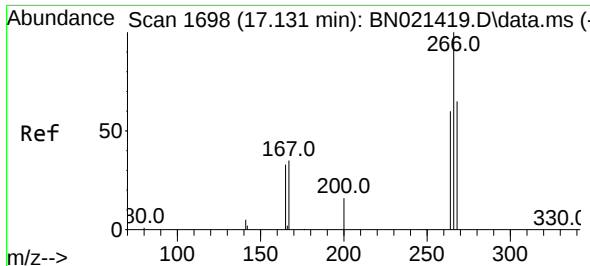
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.2 9.5 14.3

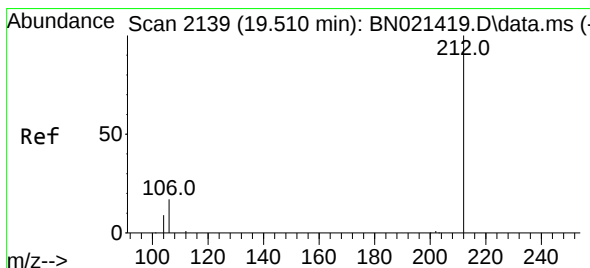
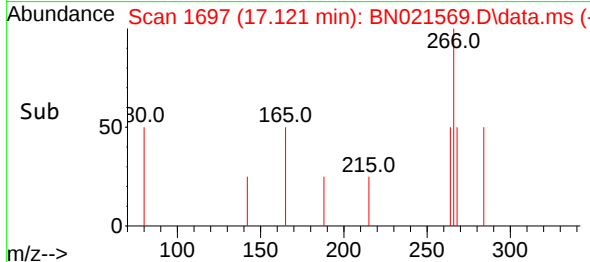
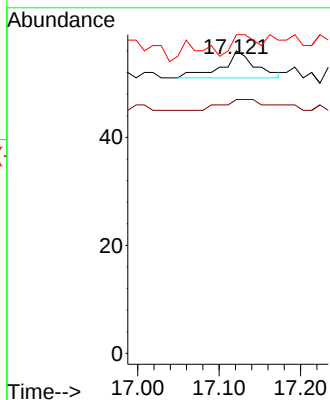
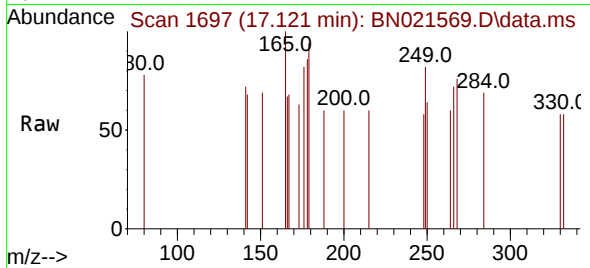




#24
 Pentachlorophenol
 Concen: 0.205 ng
 RT: 17.121 min Scan# 1697
 Delta R.T. 0.000 min
 Lab File: BN021569.D
 Acq: 02 Sep 2022 19:52

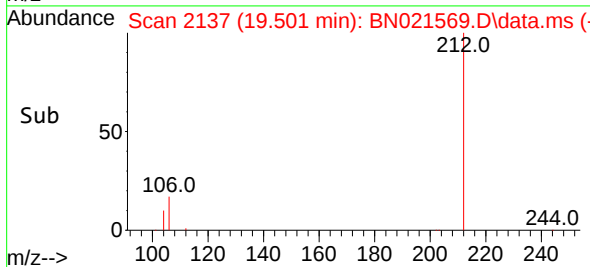
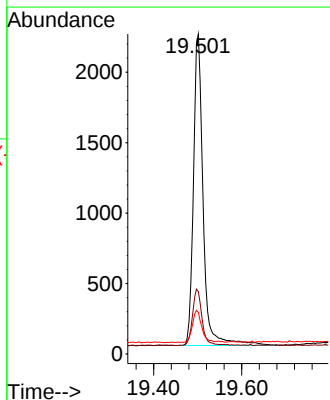
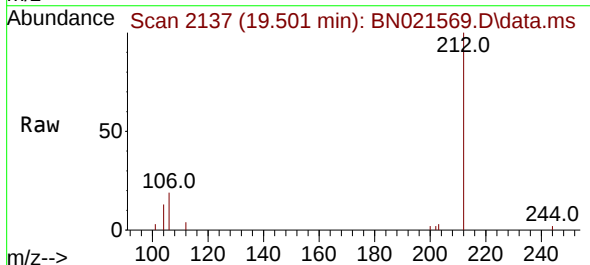
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 RE134D3-20220823DL

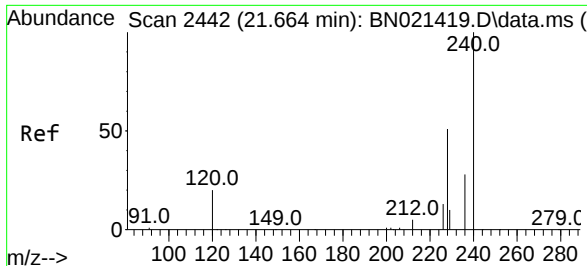
Tgt Ion:266 Resp: 14
 Ion Ratio Lower Upper
 266 100
 264 64.3 49.0 73.6
 268 64.3 50.9 76.3



#27
 Fluoranthene-d10
 Concen: 0.064 ng
 RT: 19.501 min Scan# 2137
 Delta R.T. 0.000 min
 Lab File: BN021569.D
 Acq: 02 Sep 2022 19:52

Tgt Ion:212 Resp: 3395
 Ion Ratio Lower Upper
 212 100
 106 17.9 14.2 21.2
 104 9.8 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.655 min Scan# 2441

Delta R.T. -0.009 min

Lab File: BN021569.D

Acq: 02 Sep 2022 19:52

Instrument :

BNA_N

ClientSampleId :

RE134D3-20220823DL

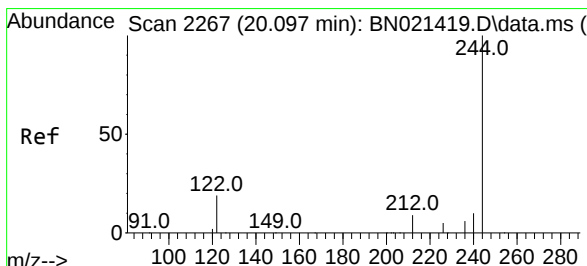
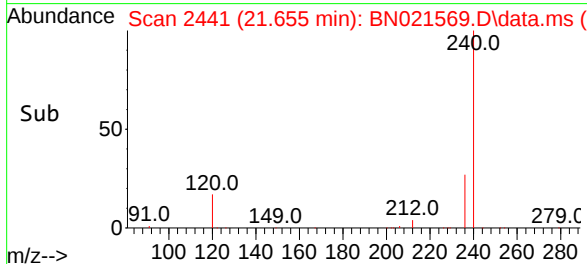
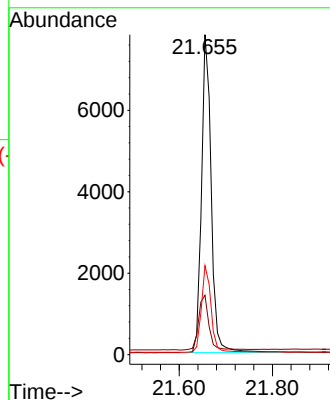
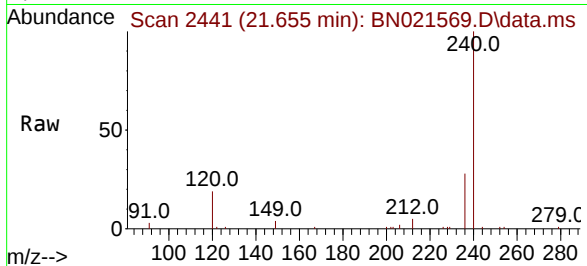
Tgt Ion:240 Resp: 11307

Ion Ratio Lower Upper

240 100

120 18.5 10.2 15.4#

236 27.8 22.1 33.1



#31

Terphenyl-d14

Concen: 0.108 ng

RT: 20.088 min Scan# 2266

Delta R.T. -0.009 min

Lab File: BN021569.D

Acq: 02 Sep 2022 19:52

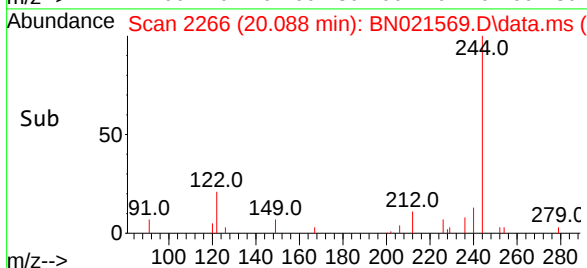
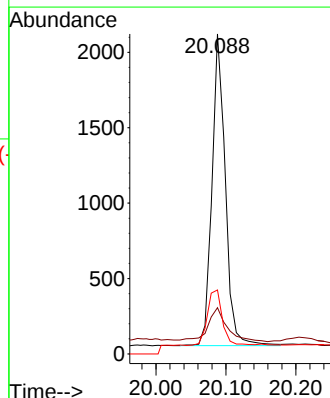
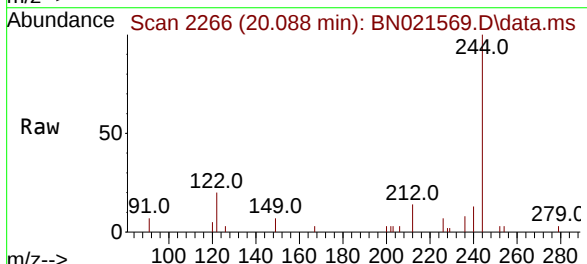
Tgt Ion:244 Resp: 2737

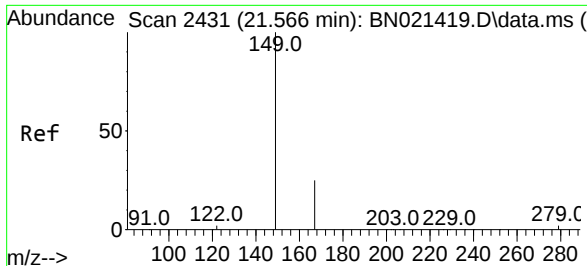
Ion Ratio Lower Upper

244 100

212 14.4 6.5 9.7#

122 20.0 9.1 13.7#

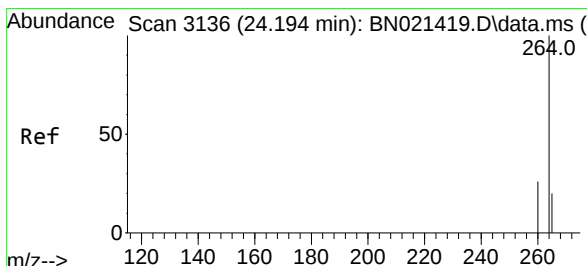
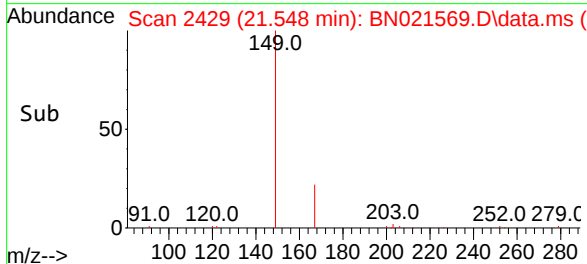
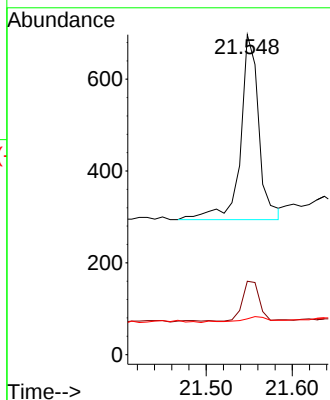
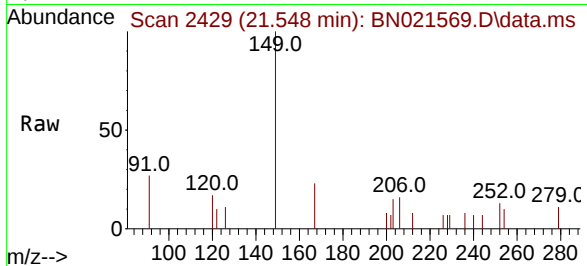




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.038 ng
RT: 21.548 min Scan# 2431
Delta R.T. -0.009 min
Lab File: BN021569.D
Acq: 02 Sep 2022 19:52

Instrument :
BNA_N
ClientSampleId :
RE134D3-20220823DL

Tgt Ion:149 Resp: 596
Ion Ratio Lower Upper
149 100
167 20.1 21.4 32.0#
279 5.0 2.2 3.2#



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.173 min Scan# 3129
Delta R.T. -0.012 min
Lab File: BN021569.D
Acq: 02 Sep 2022 19:52

Tgt Ion:264 Resp: 8634
Ion Ratio Lower Upper
264 100
260 26.3 21.0 31.6
265 37.4 32.2 48.2

