

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021624\
 Data File : BN029835.D
 Acq On : 16 Feb 2024 20:12
 Operator : MA/JU
 Sample : P1376-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-195-GW-725-727

Quant Time: Feb 16 23:58:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 23:52:05 2024
 Response via : Initial Calibration

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

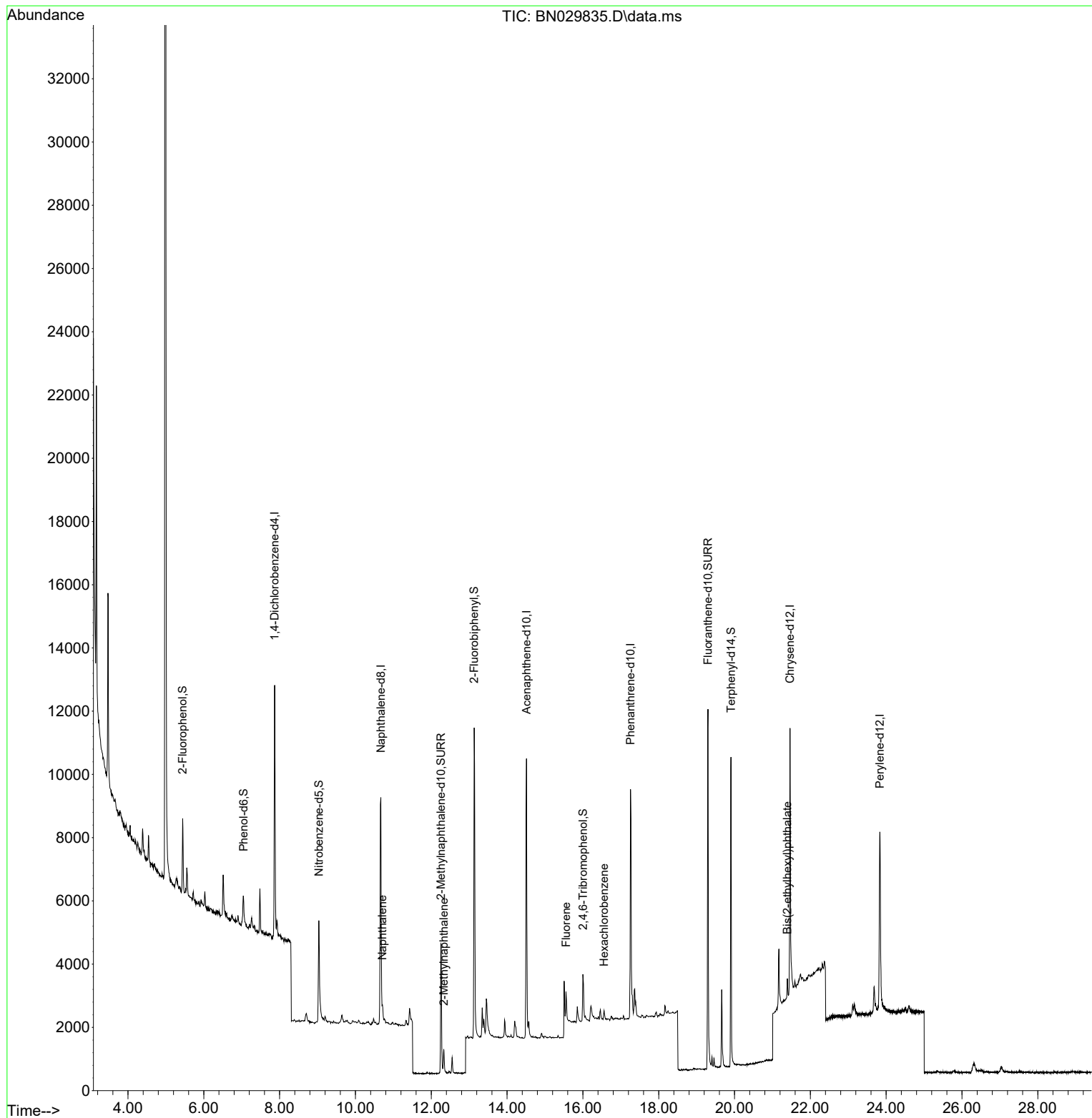
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	4067	0.400	ng	0.00
7) Naphthalene-d8	10.669	136	11280	0.400	ng	0.00
13) Acenaphthene-d10	14.511	164	5574	0.400	ng	0.00
19) Phenanthrene-d10	17.255	188	11444	0.400	ng	# 0.00
29) Chrysene-d12	21.465	240	9275	0.400	ng	# 0.00
35) Perylene-d12	23.835	264	9184	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.442	112	1883	0.193	ng	0.00
5) Phenol-d6	7.046	99	1273	0.113	ng	0.00
8) Nitrobenzene-d5	9.035	82	3457	0.368	ng	0.00
11) 2-Methylnaphthalene-d10	12.257	152	6163	0.401	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	960	0.537	ng	0.00
15) 2-Fluorobiphenyl	13.132	172	9837	0.411	ng	0.00
27) Fluoranthene-d10	19.299	212	13640	0.492	ng	0.00
31) Terphenyl-d14	19.907	244	10253	0.445	ng	0.00
Target Compounds						
9) Naphthalene	10.712	128	684	0.021	ng	# 66
12) 2-Methylnaphthalene	12.333	142	513	0.027	ng	# 83
18) Fluorene	15.555	166	544	0.024	ng	99
22) Hexachlorobenzene	16.560	284	176	0.021	ng	97
34) Bis(2-ethylhexyl)phtha...	21.394	149	775	0.036	ng	# 94

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

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BP-VPB-195-GW-725-727

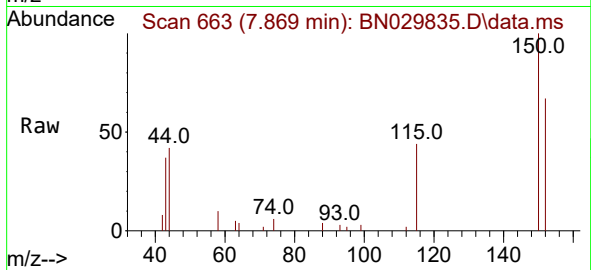
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 23:52:05 2024
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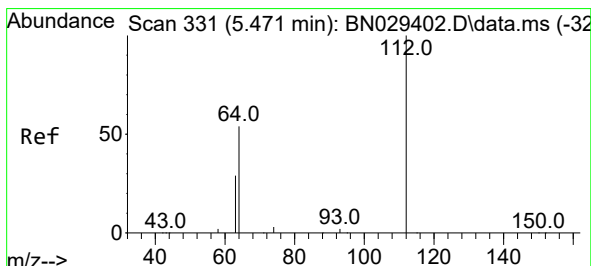
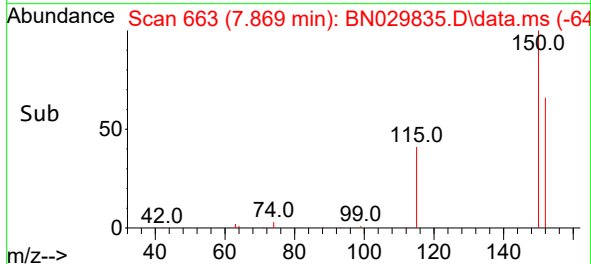
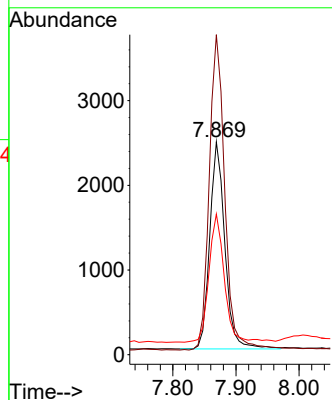


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.869 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN029835.D
Acq: 16 Feb 2024 20:12

Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-725-727

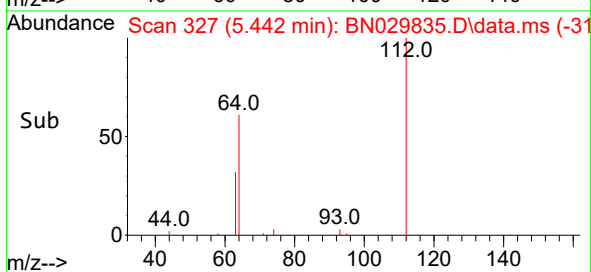
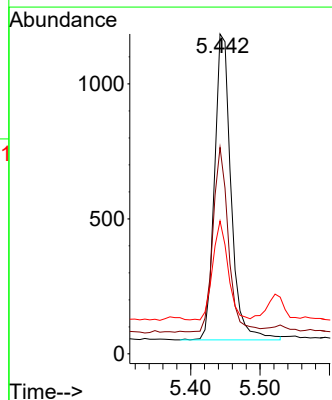
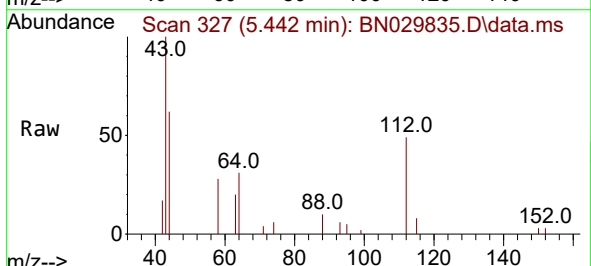


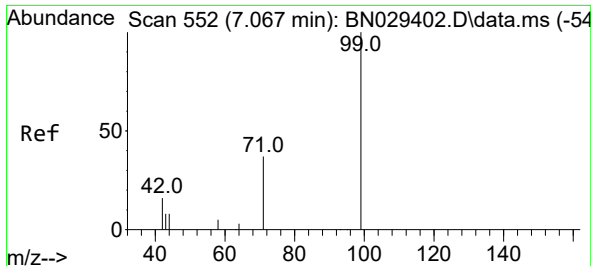
Tgt Ion:152 Resp: 4067
Ion Ratio Lower Upper
152 100
150 150.3 123.0 184.4
115 66.1 51.4 77.0



#4
2-Fluorophenol
Concen: 0.193 ng
RT: 5.442 min Scan# 327
Delta R.T. 0.000 min
Lab File: BN029835.D
Acq: 16 Feb 2024 20:12

Tgt Ion:112 Resp: 1883
Ion Ratio Lower Upper
112 100
64 55.9 47.2 70.8
63 29.7 25.8 38.6

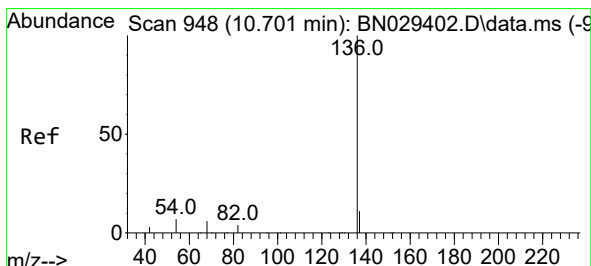
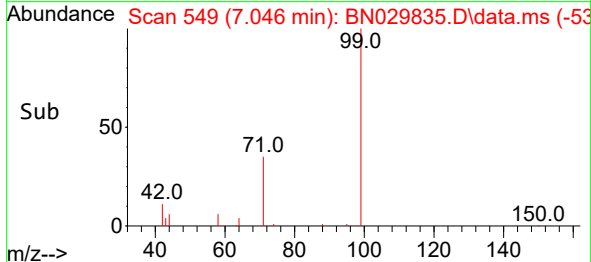
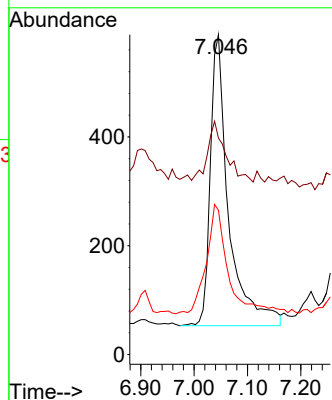
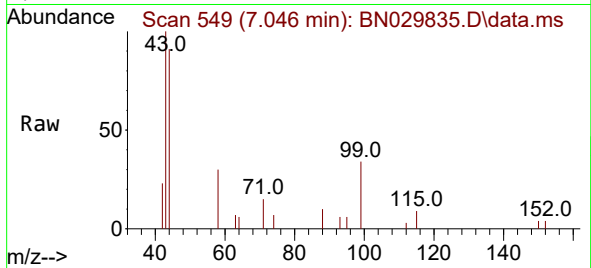




#5
Phenol-d6
Concen: 0.113 ng
RT: 7.046 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN029835.D
Acq: 16 Feb 2024 20:12

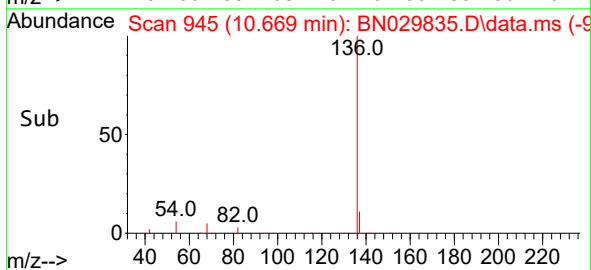
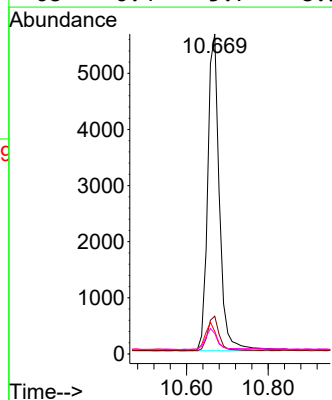
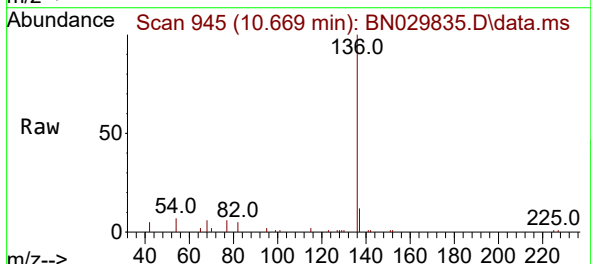
Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-725-727

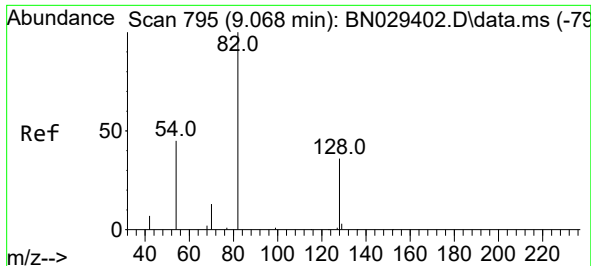
Tgt Ion: 99 Resp: 1273
Ion Ratio Lower Upper
99 100
42 21.6 16.9 25.3
71 44.2 30.0 45.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.669 min Scan# 945
Delta R.T. 0.000 min
Lab File: BN029835.D
Acq: 16 Feb 2024 20:12

Tgt Ion: 136 Resp: 11280
Ion Ratio Lower Upper
136 100
137 11.8 9.7 14.5
54 7.0 6.6 10.0
68 6.4 5.7 8.5

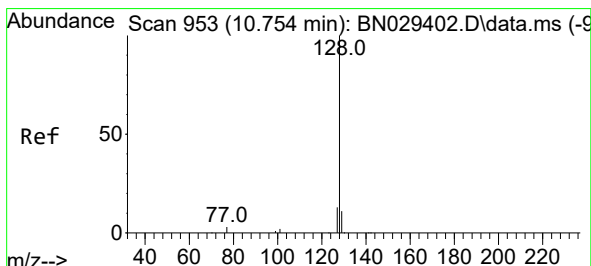
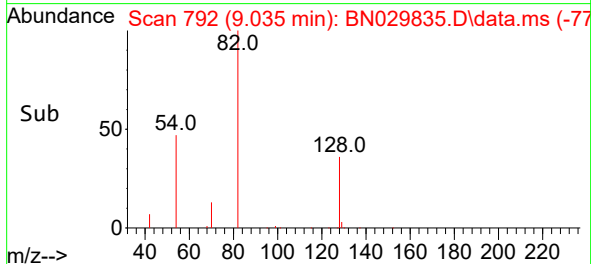
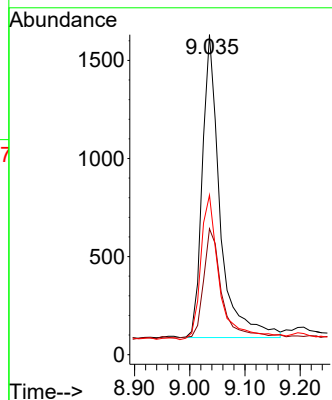
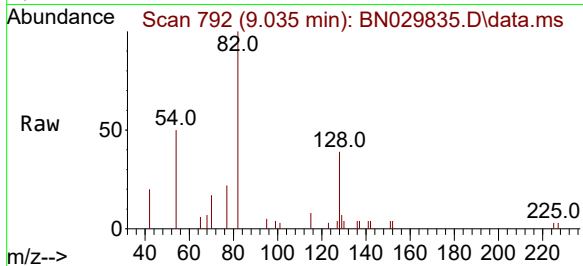




#8
Nitrobenzene-d5
Concen: 0.368 ng
RT: 9.035 min Scan# 791
Delta R.T. 0.000 min
Lab File: BN029835.D
Acq: 16 Feb 2024 20:12

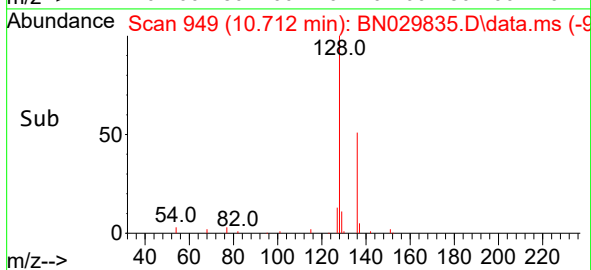
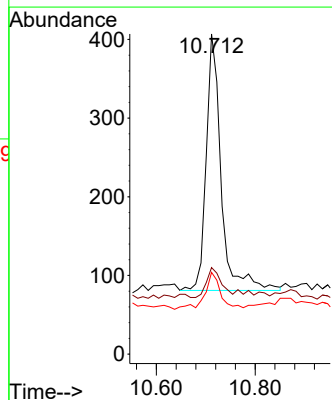
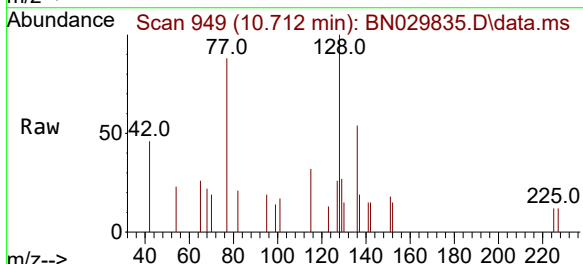
Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-725-727

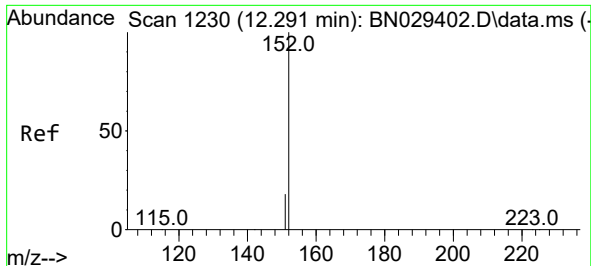
Tgt Ion: 82 Resp: 3457
Ion Ratio Lower Upper
82 100
128 39.4 31.6 47.4
54 49.8 38.2 57.4



#9
Naphthalene
Concen: 0.021 ng
RT: 10.712 min Scan# 949
Delta R.T. 0.000 min
Lab File: BN029835.D
Acq: 16 Feb 2024 20:12

Tgt Ion: 128 Resp: 684
Ion Ratio Lower Upper
128 100
129 27.0 9.5 14.3#
127 25.6 10.8 16.2#

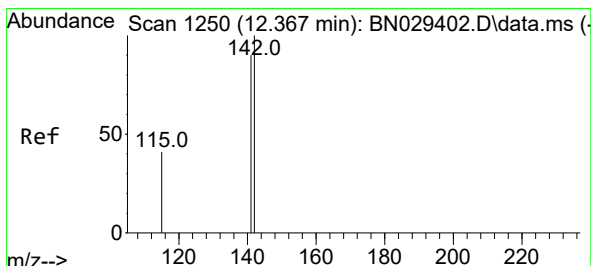
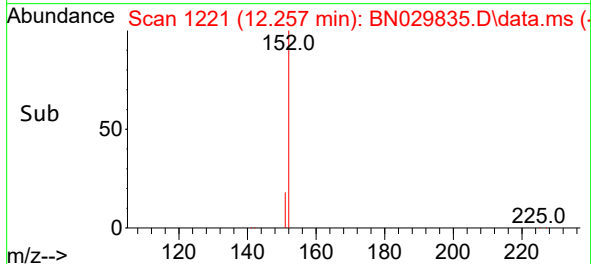
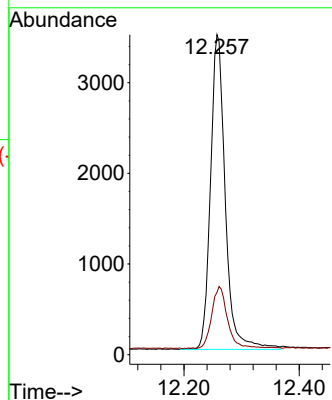
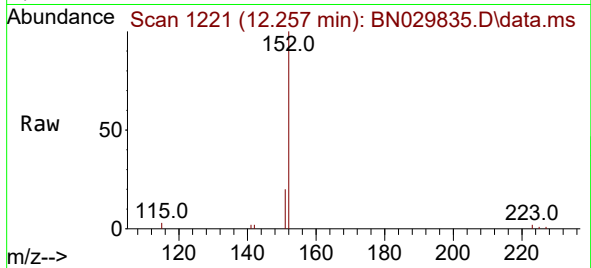




#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 12.257 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN029835.D
Acq: 16 Feb 2024 20:12

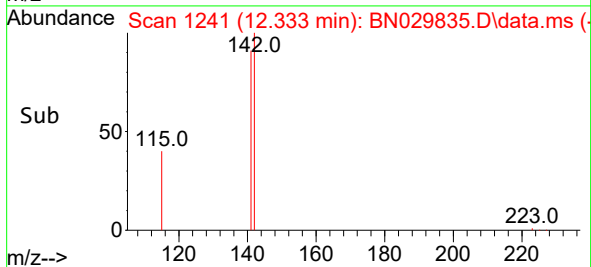
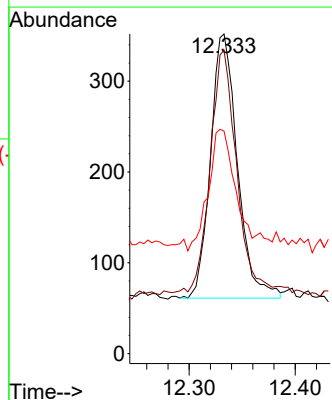
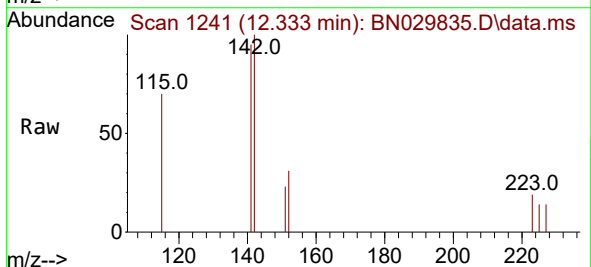
Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-725-727

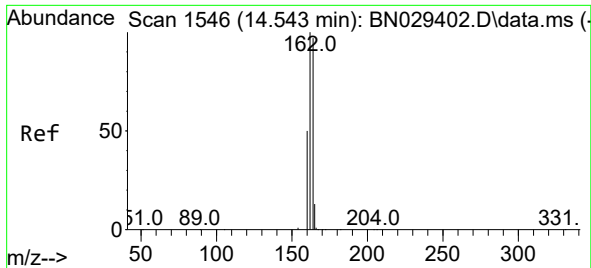
Tgt Ion:152 Resp: 6163
Ion Ratio Lower Upper
152 100
151 21.0 17.1 25.7



#12
2-Methylnaphthalene
Concen: 0.027 ng
RT: 12.333 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BN029835.D
Acq: 16 Feb 2024 20:12

Tgt Ion:142 Resp: 513
Ion Ratio Lower Upper
142 100
141 94.9 71.9 107.9
115 69.6 33.9 50.9#

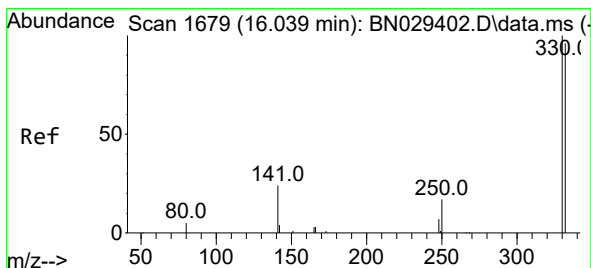
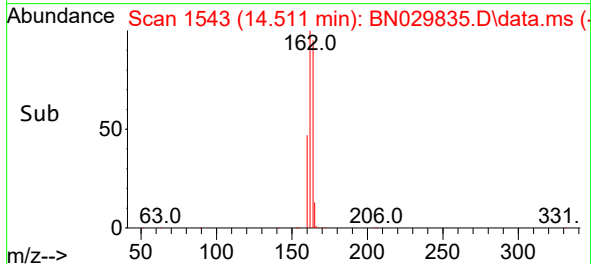
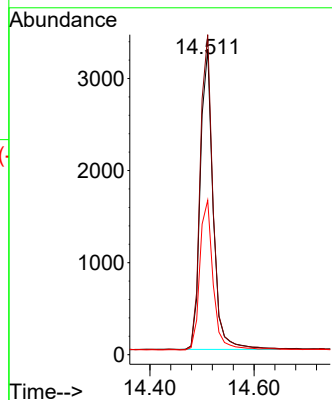
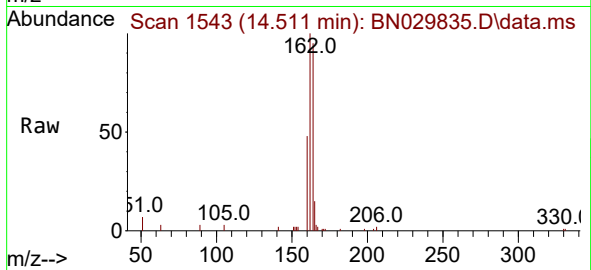




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.511 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BN029835.D
Acq: 16 Feb 2024 20:12

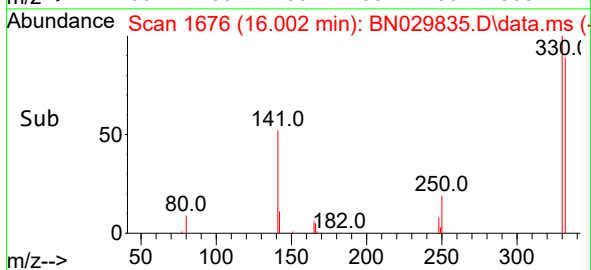
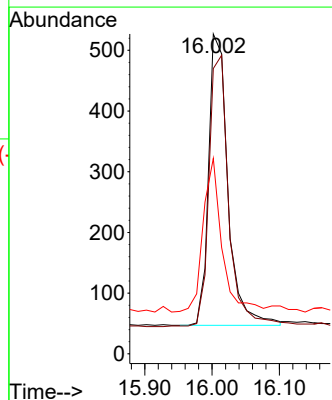
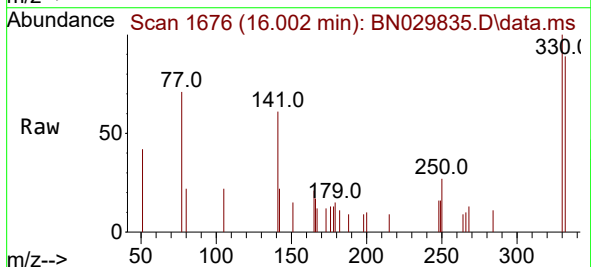
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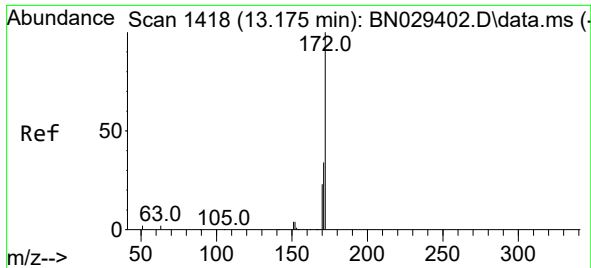
Tgt Ion:164 Resp: 5574
Ion Ratio Lower Upper
164 100
162 104.8 82.6 123.8
160 50.6 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.537 ng
RT: 16.002 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BN029835.D
Acq: 16 Feb 2024 20:12

Tgt Ion:330 Resp: 960
Ion Ratio Lower Upper
330 100
332 95.0 76.0 114.0
141 51.8 43.4 65.2

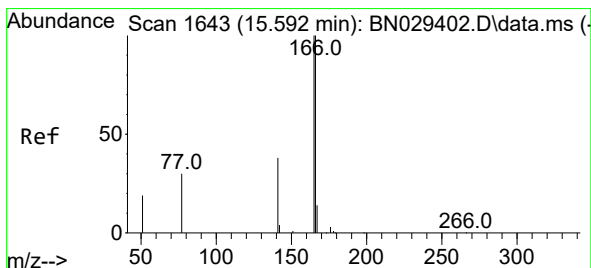
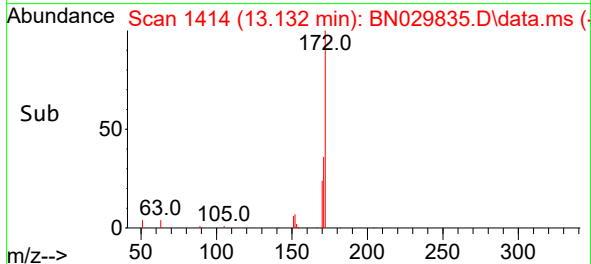
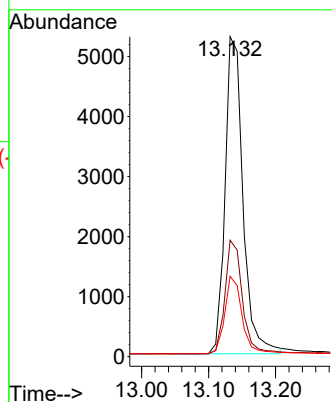
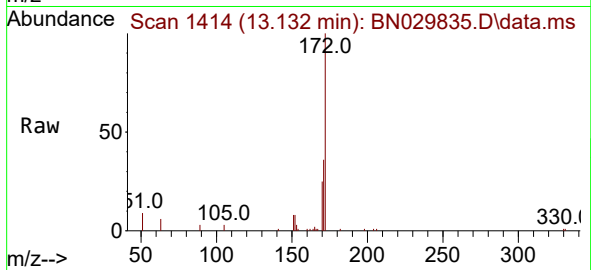




#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 13.132 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BN029835.D
Acq: 16 Feb 2024 20:12

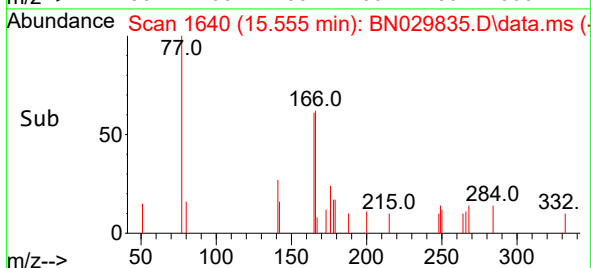
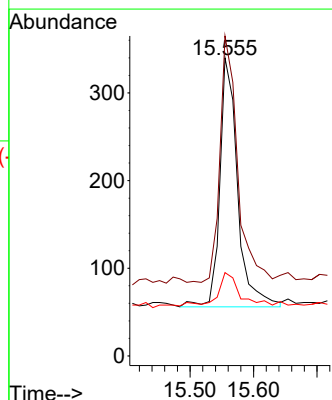
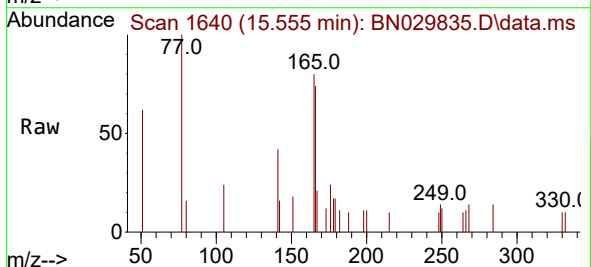
Instrument :
BNA_N
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BP-VPB-195-GW-725-727

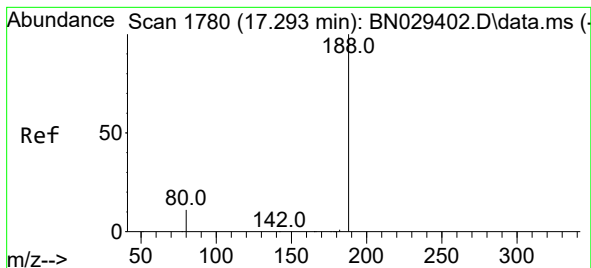
Tgt Ion:172 Resp: 9837
Ion Ratio Lower Upper
172 100
171 36.4 28.0 42.0
170 25.1 18.7 28.1



#18
Fluorene
Concen: 0.024 ng
RT: 15.555 min Scan# 1640
Delta R.T. 0.000 min
Lab File: BN029835.D
Acq: 16 Feb 2024 20:12

Tgt Ion:166 Resp: 544
Ion Ratio Lower Upper
166 100
165 100.7 79.9 119.9
167 16.0 11.3 16.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN029835.D

Acq: 16 Feb 2024 20:12

Instrument :

BNA_N

ClientSampleId :

BP-VPB-195-GW-725-727

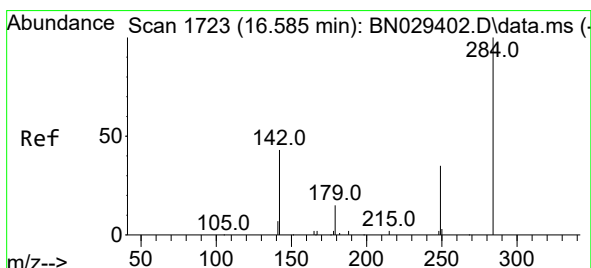
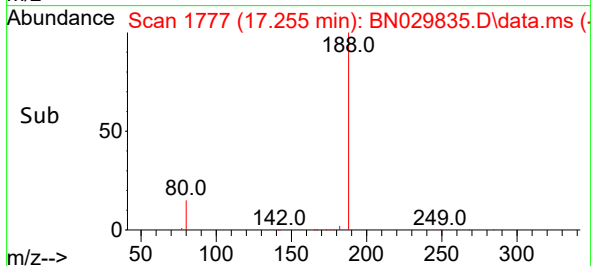
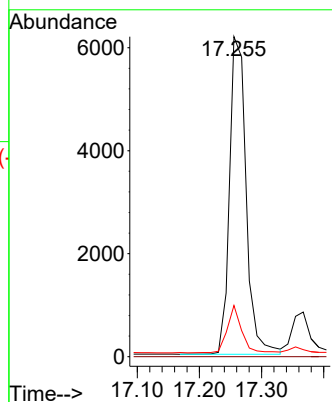
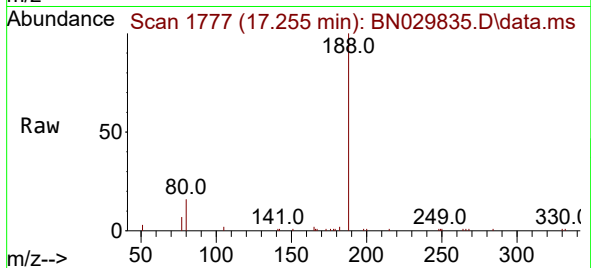
Tgt Ion:188 Resp: 11444

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 16.0 10.0 15.0#



#22

Hexachlorobenzene

Concen: 0.021 ng

RT: 16.560 min Scan# 1721

Delta R.T. 0.000 min

Lab File: BN029835.D

Acq: 16 Feb 2024 20:12

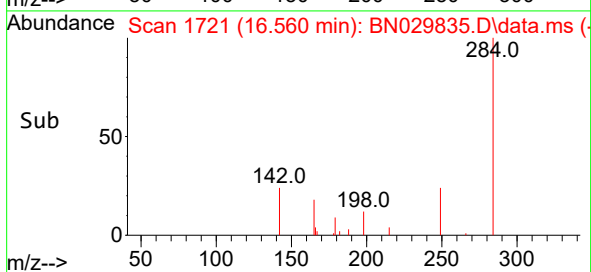
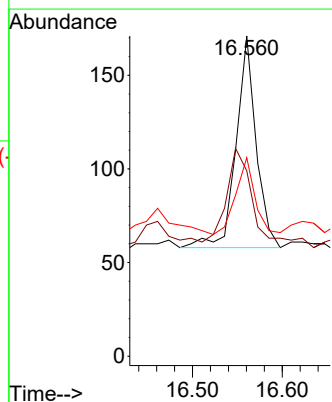
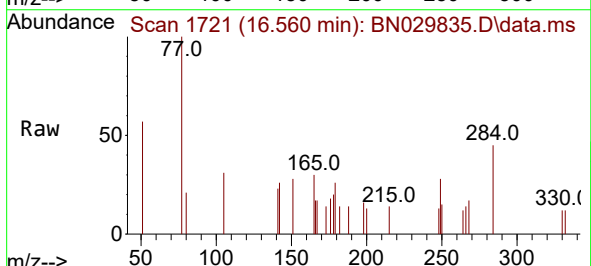
Tgt Ion:284 Resp: 176

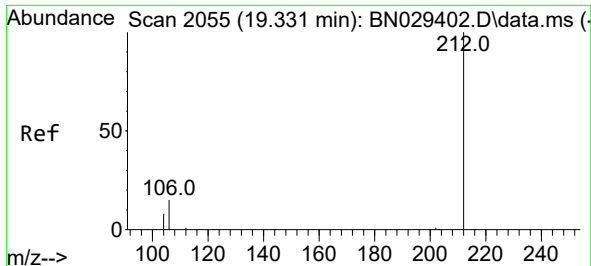
Ion Ratio Lower Upper

284 100

142 52.3 39.4 59.2

249 34.7 26.9 40.3

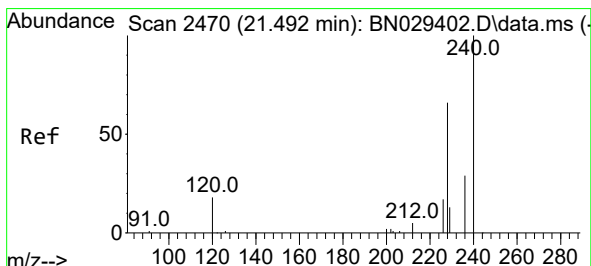
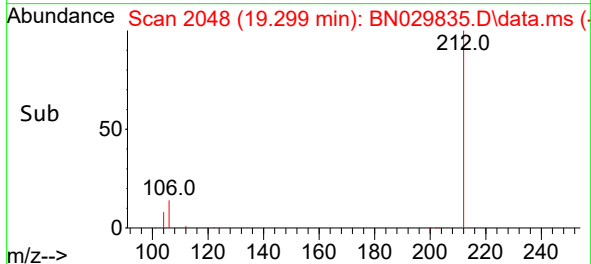
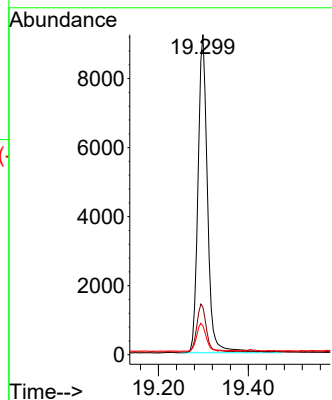
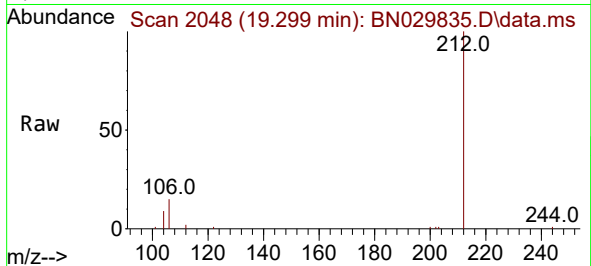




#27
Fluoranthene-d10
Concen: 0.492 ng
RT: 19.299 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BN029835.D
Acq: 16 Feb 2024 20:12

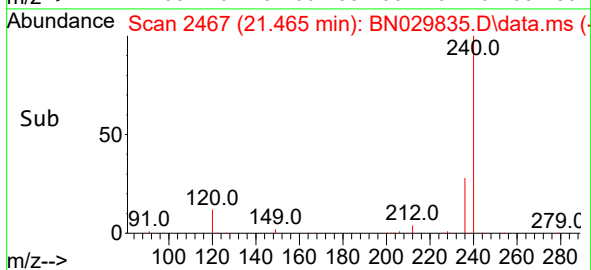
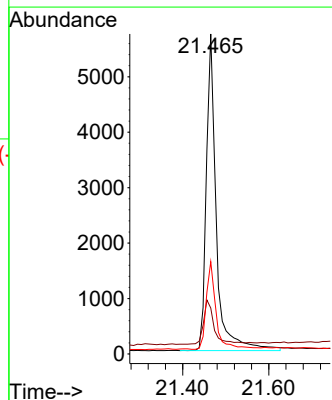
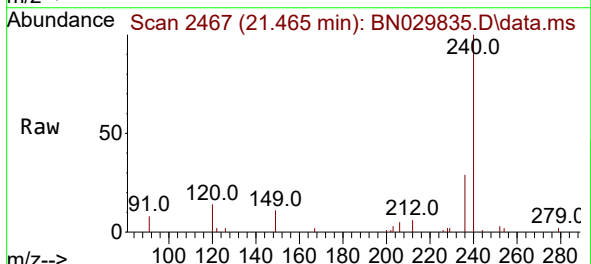
Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-725-727

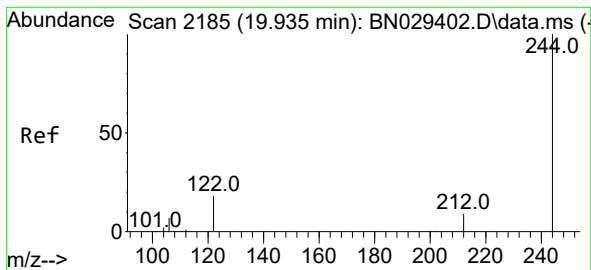
Tgt Ion:212 Resp: 13640
Ion Ratio Lower Upper
212 100
106 15.0 13.2 19.8
104 8.8 7.7 11.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.465 min Scan# 2467
Delta R.T. 0.000 min
Lab File: BN029835.D
Acq: 16 Feb 2024 20:12

Tgt Ion:240 Resp: 9275
Ion Ratio Lower Upper
240 100
120 14.3 16.7 25.1#
236 28.9 23.9 35.9





#31

Terphenyl-d14

Concen: 0.445 ng

RT: 19.907 min Scan# 2185

Delta R.T. 0.000 min

Lab File: BN029835.D

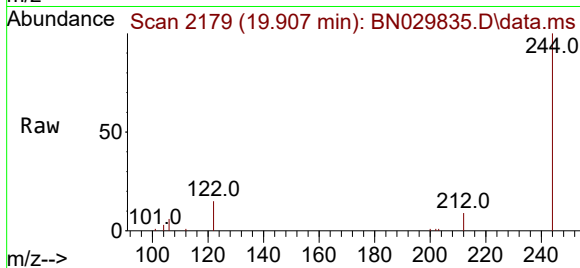
Acq: 16 Feb 2024 20:12

Instrument :

BNA_N

ClientSampleId :

BP-VPB-195-GW-725-727



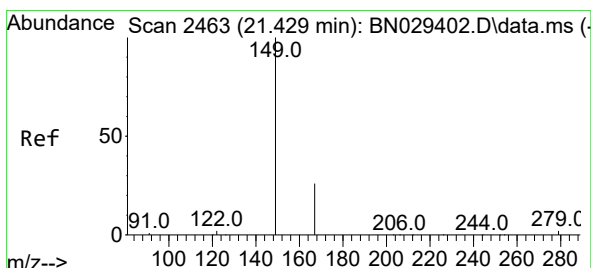
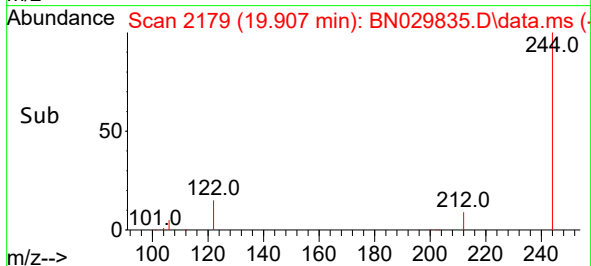
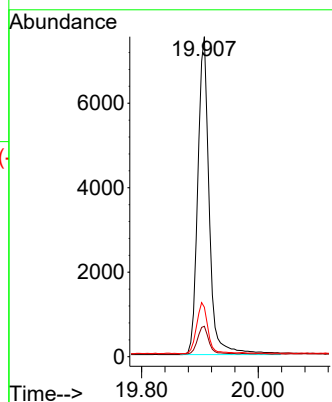
Tgt Ion:244 Resp: 10253

Ion Ratio Lower Upper

244 100

212 9.5 8.2 12.4

122 15.4 15.6 23.4#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.036 ng

RT: 21.394 min Scan# 2459

Delta R.T. 0.000 min

Lab File: BN029835.D

Acq: 16 Feb 2024 20:12

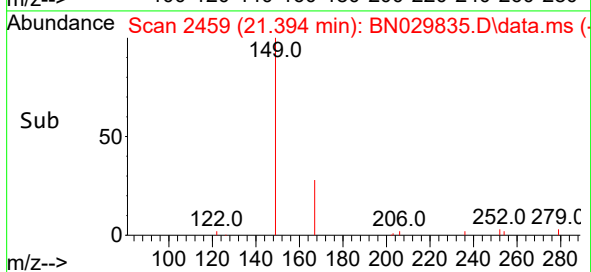
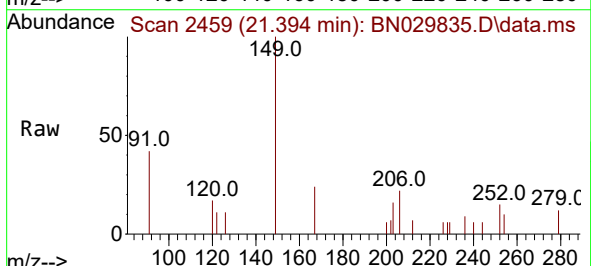
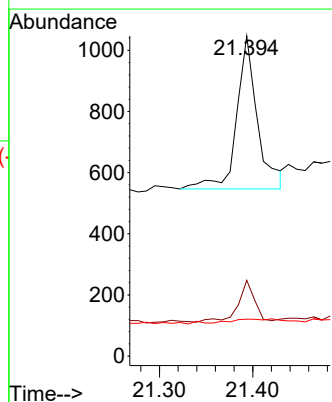
Tgt Ion:149 Resp: 775

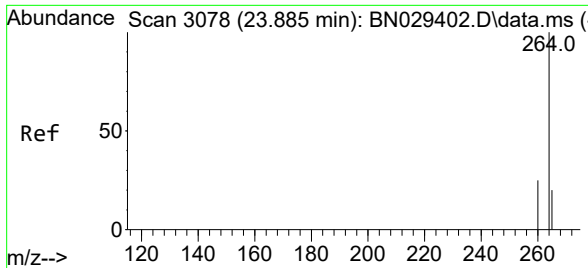
Ion Ratio Lower Upper

149 100

167 22.1 20.1 30.1

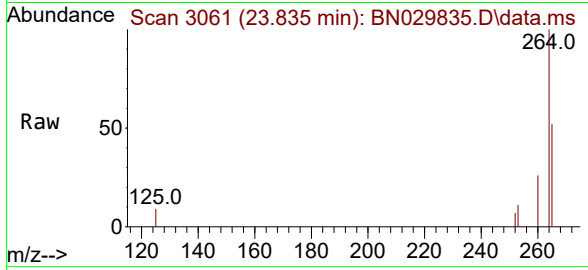
279 0.0 2.5 3.7#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.835 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: BN029835.D
 Acq: 16 Feb 2024 20:12

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-195-GW-725-727



Tgt Ion:264 Resp: 9184

Ion	Ratio	Lower	Upper
264	100		
260	26.5	21.2	31.8
265	52.2	41.5	62.3

