

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061924\
 Data File : BN032081.D
 Acq On : 19 Jun 2024 23:05
 Operator : MA/JU
 Sample : P2839-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-189-GW-278-280

Quant Time: Jun 19 23:36:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 11:30:34 2024
 Response via : Initial Calibration

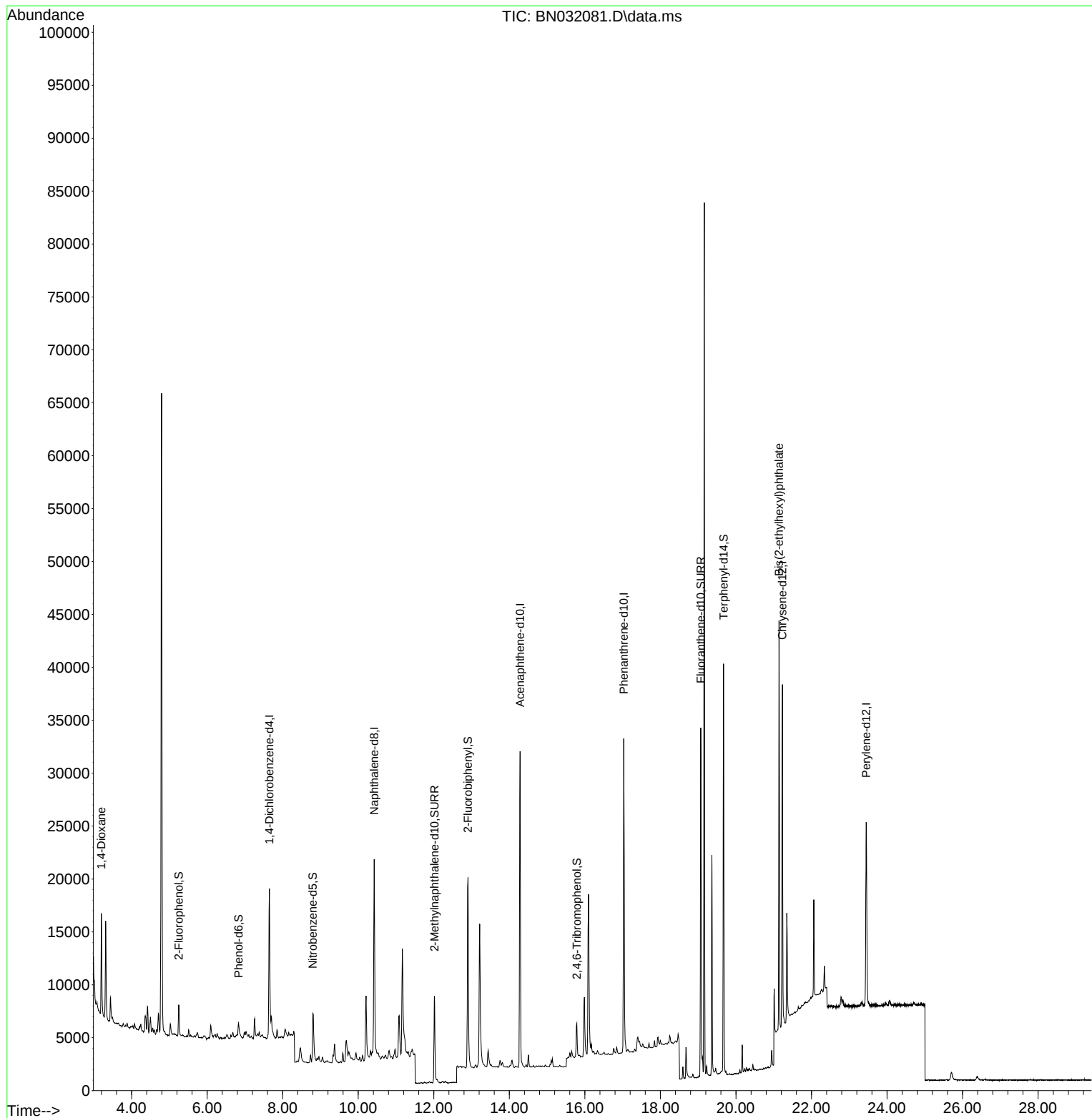
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	7690	0.400	ng	0.00
7) Naphthalene-d8	10.421	136	26903	0.400	ng	0.00
13) Acenaphthene-d10	14.285	164	18446	0.400	ng	0.00
19) Phenanthrene-d10	17.029	188	41105	0.400	ng	# 0.00
29) Chrysene-d12	21.229	240	29459	0.400	ng	0.00
35) Perylene-d12	23.449	264	23633	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.248	112	2699	0.123	ng	0.00
5) Phenol-d6	6.830	99	2152	0.075	ng	0.00
8) Nitrobenzene-d5	8.798	82	5353	0.239	ng	0.00
11) 2-Methylnaphthalene-d10	12.017	152	12567	0.293	ng	0.00
14) 2,4,6-Tribromophenol	15.787	330	2271	0.257	ng	0.00
15) 2-Fluorobiphenyl	12.906	172	19816	0.283	ng	0.00
27) Fluoranthene-d10	19.068	212	37786	0.338	ng	0.00
31) Terphenyl-d14	19.672	244	33727	0.468	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.197	88	6654	0.707	ng	97
34) Bis(2-ethylhexyl)phtha...	21.139	149	33378	0.441	ng	99

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

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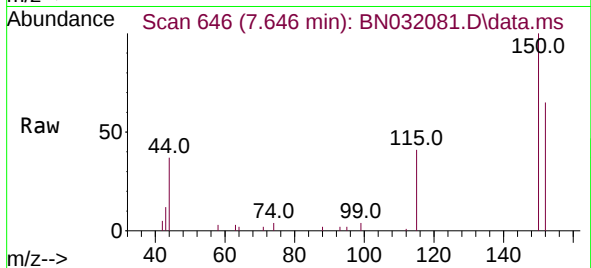
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
Response via : Initial Calibration





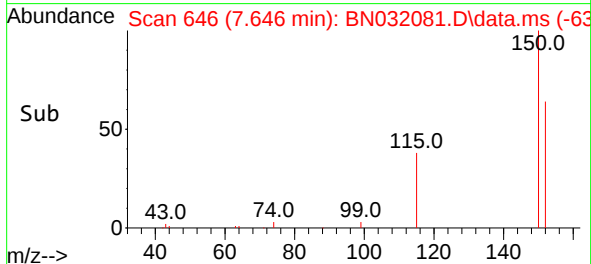
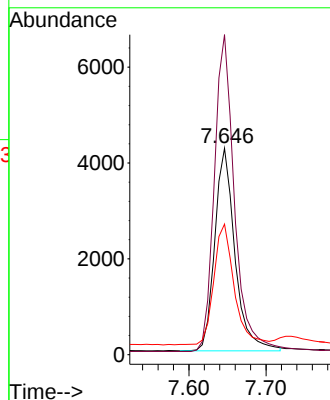
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.646 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN032081.D
 Acq: 19 Jun 2024 23:05

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-189-GW-278-280



Tgt Ion:152 Resp: 7690

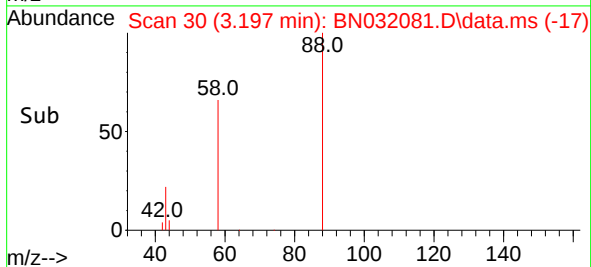
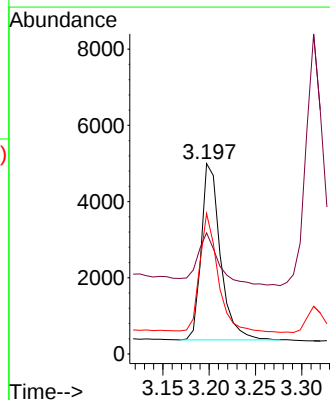
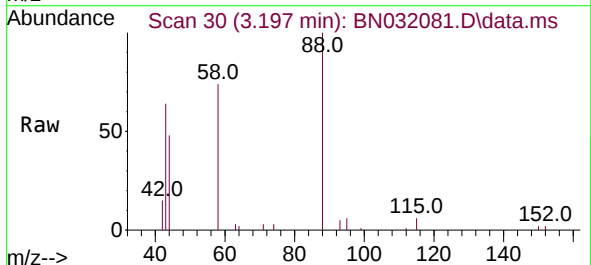
Ion	Ratio	Lower	Upper
152	100		
150	155.0	121.0	181.4
115	63.2	49.4	74.0



#2
 1,4-Dioxane
 Concen: 0.707 ng
 RT: 3.197 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN032081.D
 Acq: 19 Jun 2024 23:05

Tgt Ion: 88 Resp: 6654

Ion	Ratio	Lower	Upper
88	100		
43	32.5	22.7	34.1
58	65.1	51.3	76.9





#4

2-Fluorophenol

Concen: 0.123 ng

RT: 5.248 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN032081.D

Acq: 19 Jun 2024 23:05

Instrument :

BNA_N

ClientSampleId :

BP-VPB-189-GW-278-280

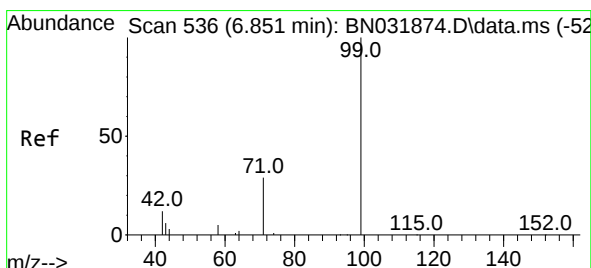
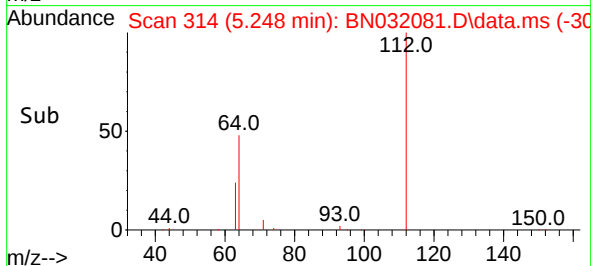
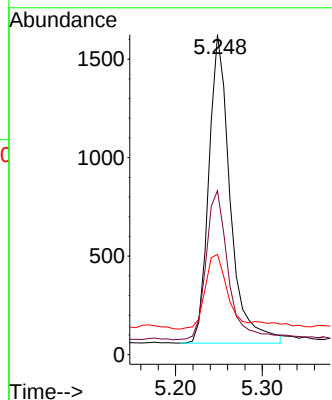
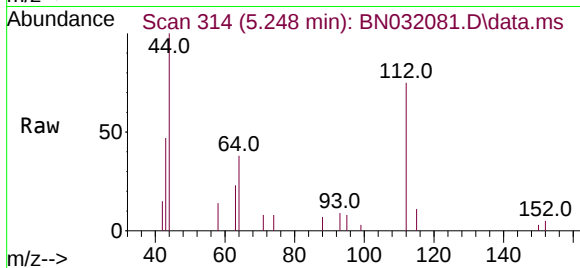
Tgt Ion:112 Resp: 2699

Ion Ratio Lower Upper

112 100

64 49.9 42.4 63.6

63 25.0 22.1 33.1



#5

Phenol-d6

Concen: 0.075 ng

RT: 6.830 min Scan# 533

Delta R.T. 0.000 min

Lab File: BN032081.D

Acq: 19 Jun 2024 23:05

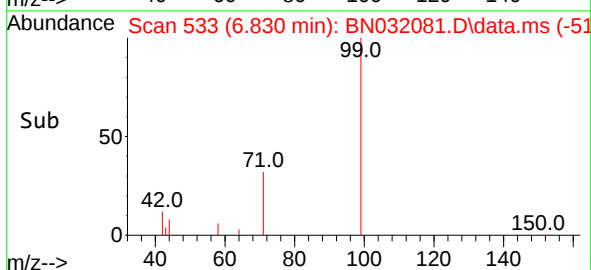
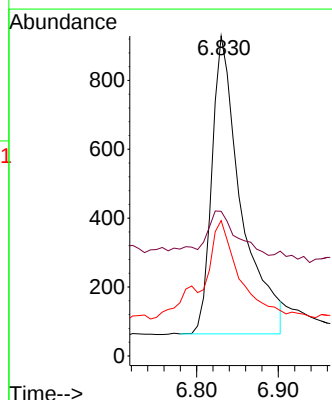
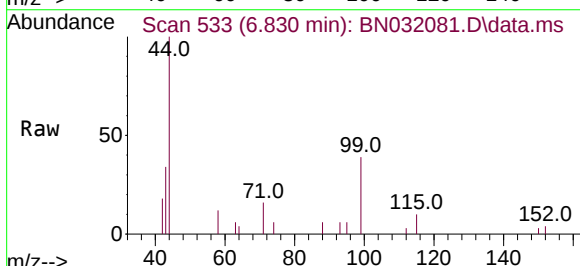
Tgt Ion: 99 Resp: 2152

Ion Ratio Lower Upper

99 100

42 13.5 12.8 19.2

71 41.3 25.4 38.2#

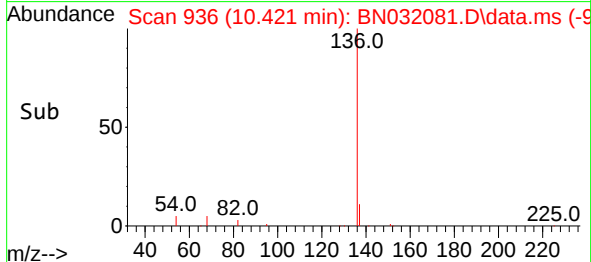
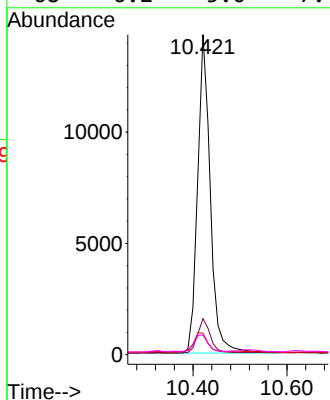
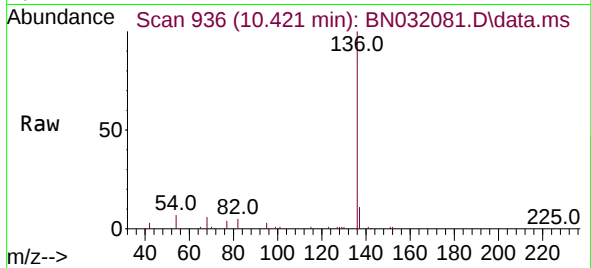




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.421 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN032081.D
Acq: 19 Jun 2024 23:05

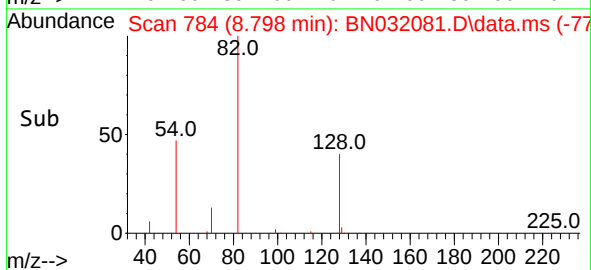
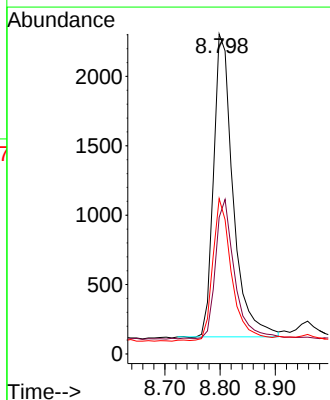
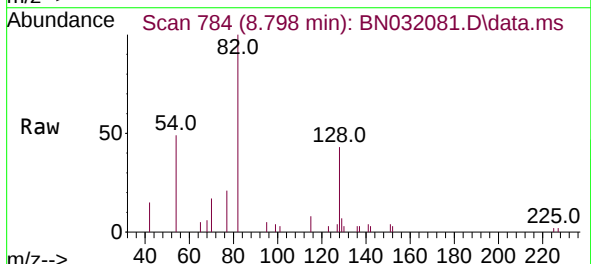
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-278-280

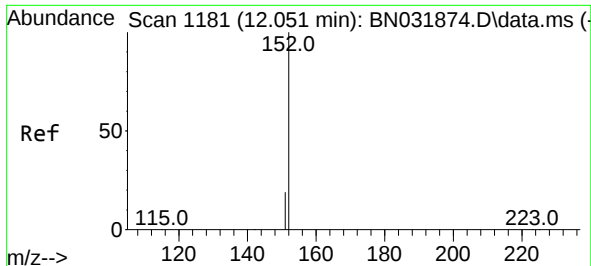
Tgt Ion:	136	Resp:	26903
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.7	5.6	8.4
68	6.2	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.239 ng
RT: 8.798 min Scan# 784
Delta R.T. 0.000 min
Lab File: BN032081.D
Acq: 19 Jun 2024 23:05

Tgt Ion:	82	Resp:	5353
Ion	Ratio	Lower	Upper
82	100		
128	42.7	32.1	48.1
54	48.6	39.7	59.5

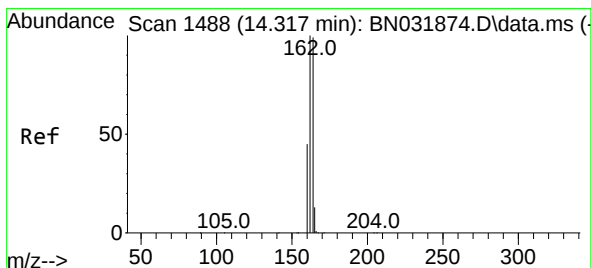
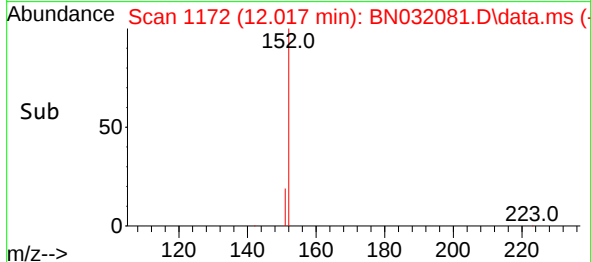
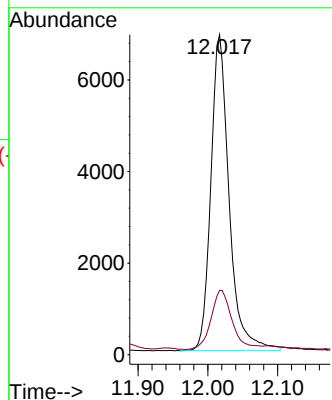
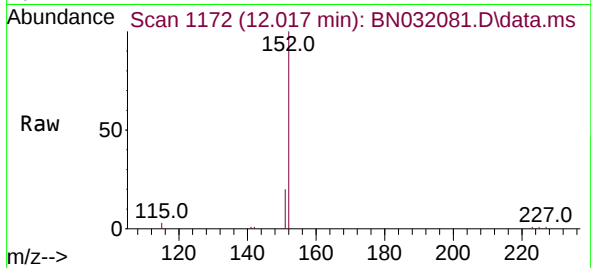




#11
2-Methylnaphthalene-d10
Concen: 0.293 ng
RT: 12.017 min Scan# 1181
Delta R.T. -0.004 min
Lab File: BN032081.D
Acq: 19 Jun 2024 23:05

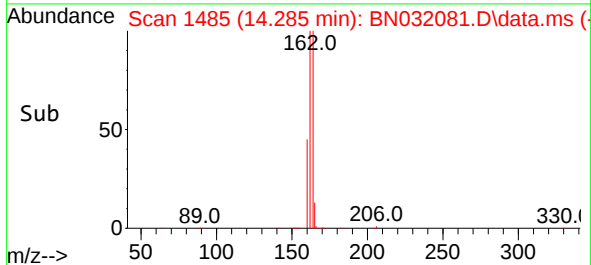
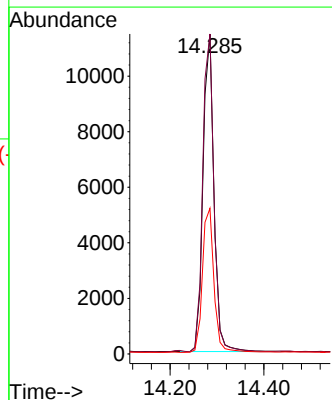
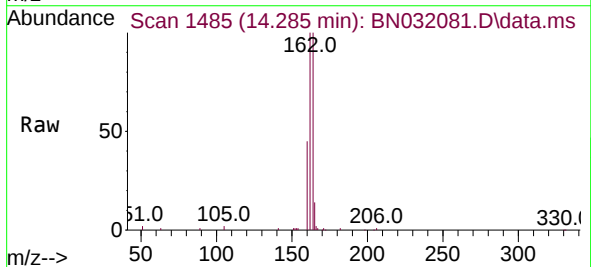
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-278-280

Tgt Ion:152 Resp: 12567
Ion Ratio Lower Upper
152 100
151 21.8 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.285 min Scan# 1485
Delta R.T. 0.000 min
Lab File: BN032081.D
Acq: 19 Jun 2024 23:05

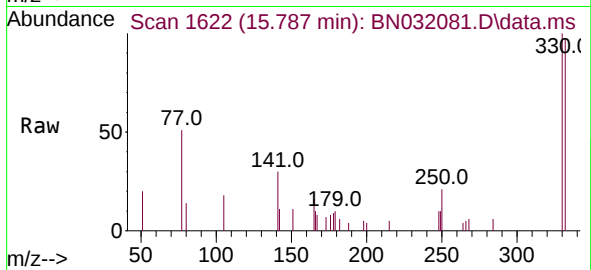
Tgt Ion:164 Resp: 18446
Ion Ratio Lower Upper
164 100
162 100.1 80.7 121.1
160 45.5 36.2 54.4



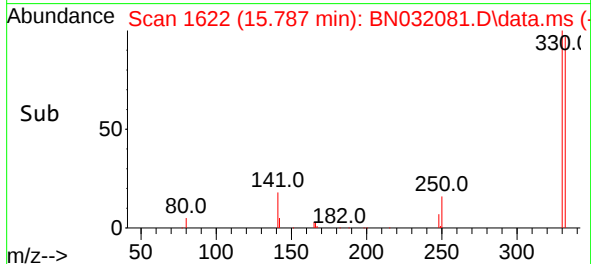
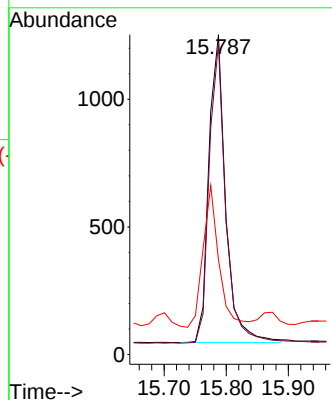


#14
2,4,6-Tribromophenol
Concen: 0.257 ng
RT: 15.787 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN032081.D
Acq: 19 Jun 2024 23:05

Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-278-280

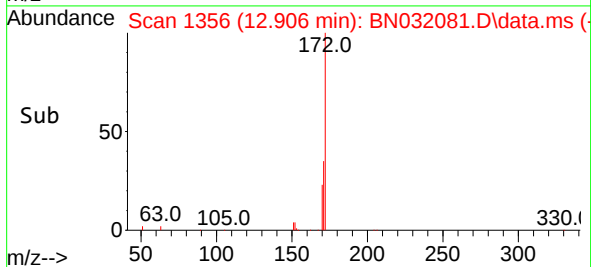
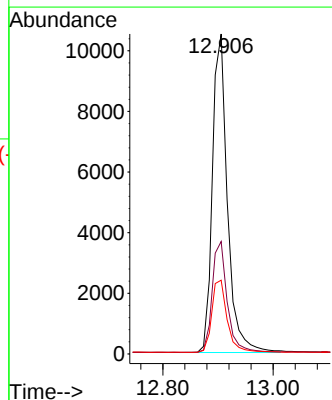
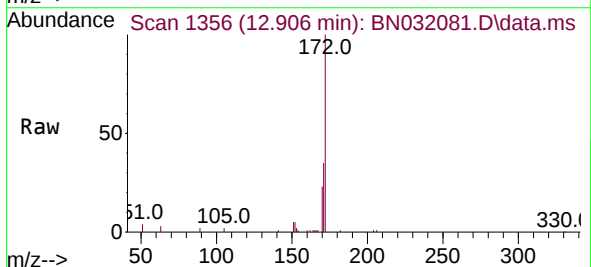


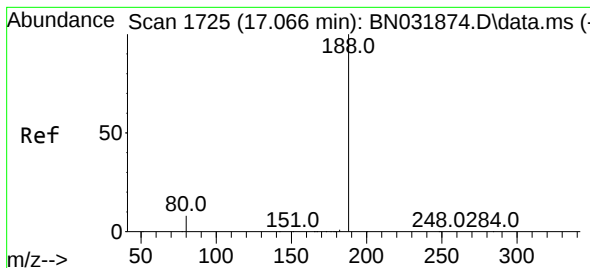
Tgt Ion:330 Resp: 2271
Ion Ratio Lower Upper
330 100
332 95.5 77.5 116.3
141 43.7 34.7 52.1



#15
2-Fluorobiphenyl
Concen: 0.283 ng
RT: 12.906 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BN032081.D
Acq: 19 Jun 2024 23:05

Tgt Ion:172 Resp: 19816
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.0 19.2 28.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.029 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN032081.D

Acq: 19 Jun 2024 23:05

Instrument :

BNA_N

ClientSampleId :

BP-VPB-189-GW-278-280

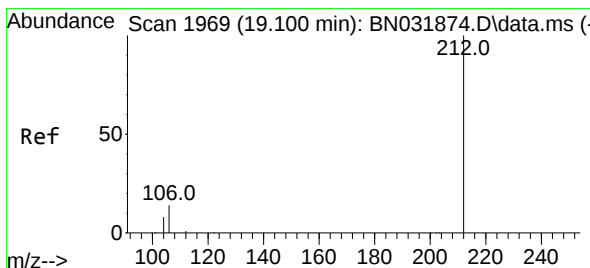
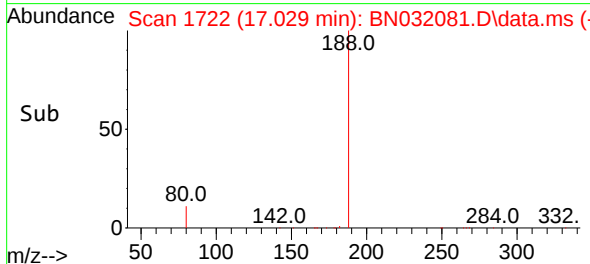
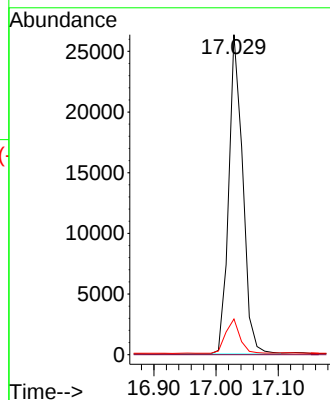
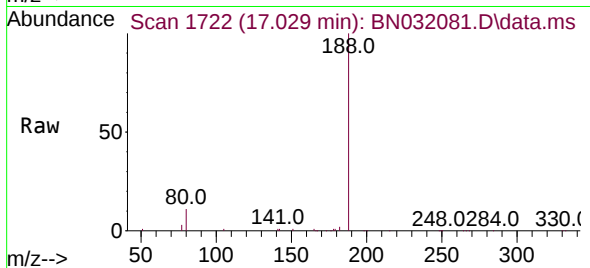
Tgt Ion:188 Resp: 41105

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.1 6.4 9.6#



#27

Fluoranthene-d10

Concen: 0.338 ng

RT: 19.068 min Scan# 1962

Delta R.T. -0.005 min

Lab File: BN032081.D

Acq: 19 Jun 2024 23:05

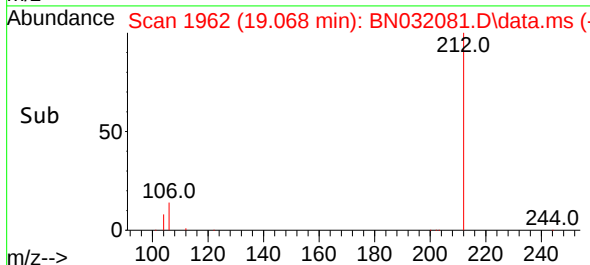
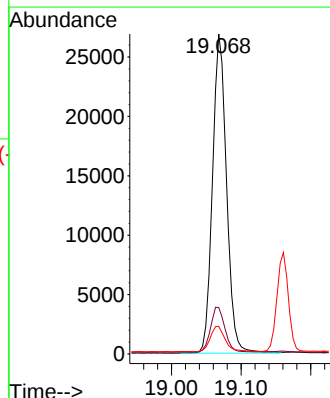
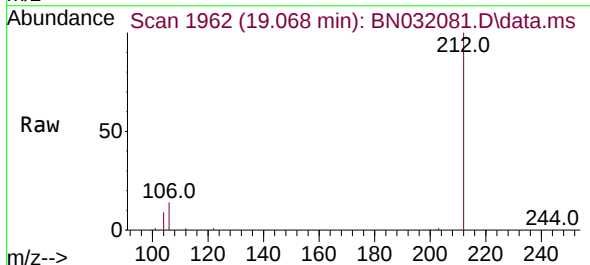
Tgt Ion:212 Resp: 37786

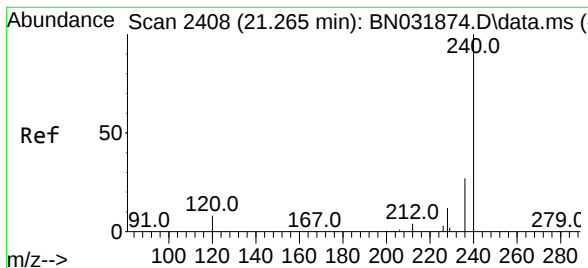
Ion Ratio Lower Upper

212 100

106 14.3 11.8 17.8

104 8.3 6.6 10.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.229 min Scan# 2404

Delta R.T. 0.000 min

Lab File: BN032081.D

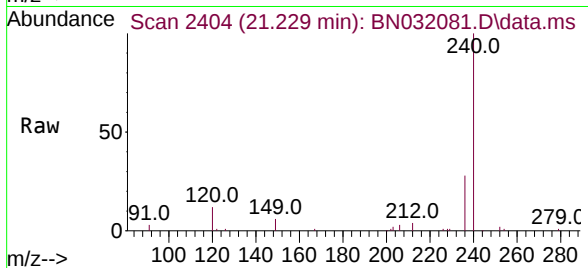
Acq: 19 Jun 2024 23:05

Instrument :

BNA_N

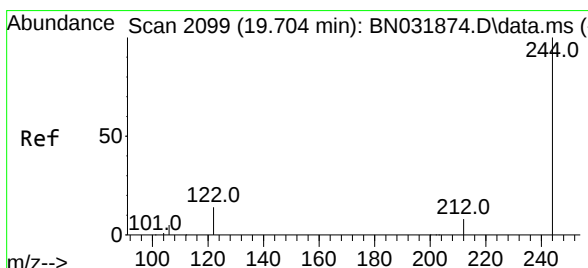
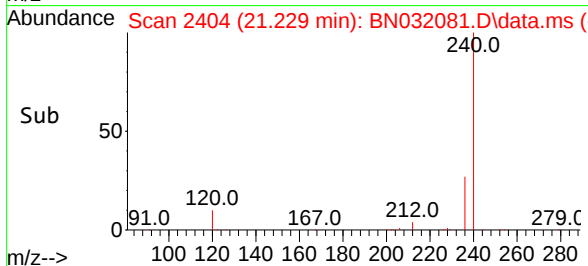
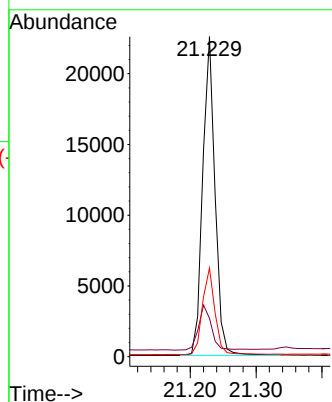
ClientSampleId :

BP-VPB-189-GW-278-280



Tgt Ion:240 Resp: 29459

Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.2	12.4
236	27.7	21.8	32.8



#31

Terphenyl-d14

Concen: 0.468 ng

RT: 19.672 min Scan# 2092

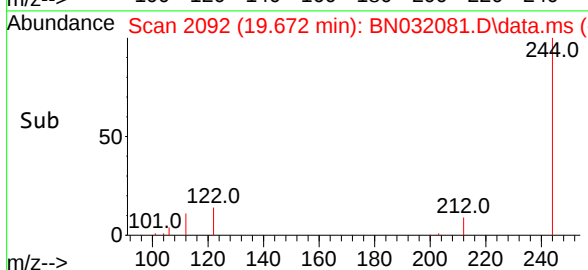
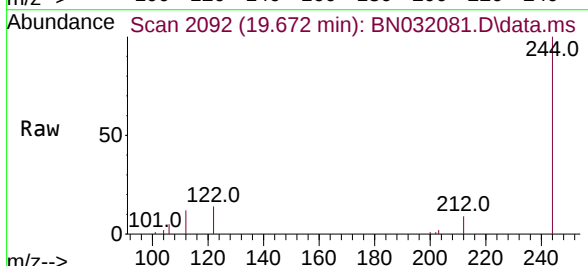
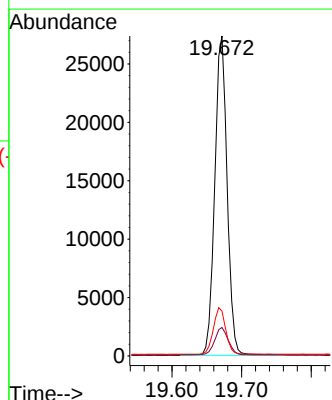
Delta R.T. 0.000 min

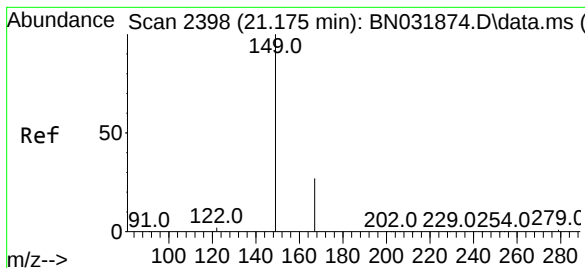
Lab File: BN032081.D

Acq: 19 Jun 2024 23:05

Tgt Ion:244 Resp: 33727

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.5	9.7
122	14.1	11.4	17.0





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.441 ng

RT: 21.139 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN032081.D

Acq: 19 Jun 2024 23:05

Instrument :

BNA_N

ClientSampleId :

BP-VPB-189-GW-278-280

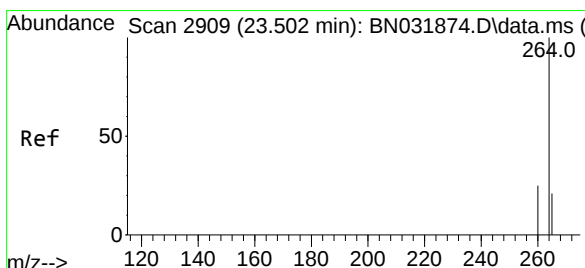
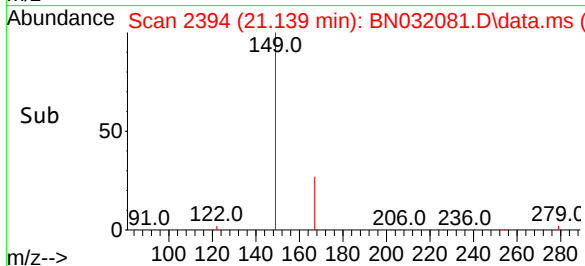
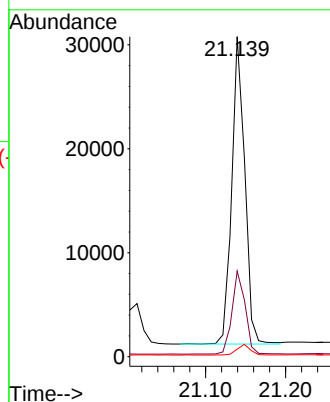
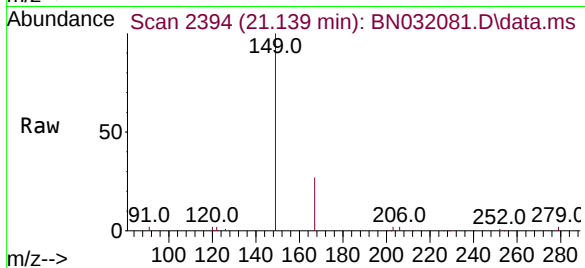
Tgt Ion:149 Resp: 33378

Ion Ratio Lower Upper

149 100

167 27.4 22.5 33.7

279 3.5 2.9 4.3



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.449 min Scan# 2891

Delta R.T. -0.003 min

Lab File: BN032081.D

Acq: 19 Jun 2024 23:05

Tgt Ion:264 Resp: 23633

Ion Ratio Lower Upper

264 100

260 25.7 20.5 30.7

265 64.1 39.6 59.4#

