

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062124\
 Data File : BN032154.D
 Acq On : 22 Jun 2024 05:35
 Operator : MA/JU
 Sample : P2891-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-480-482

Quant Time: Jun 22 06:49:07 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)

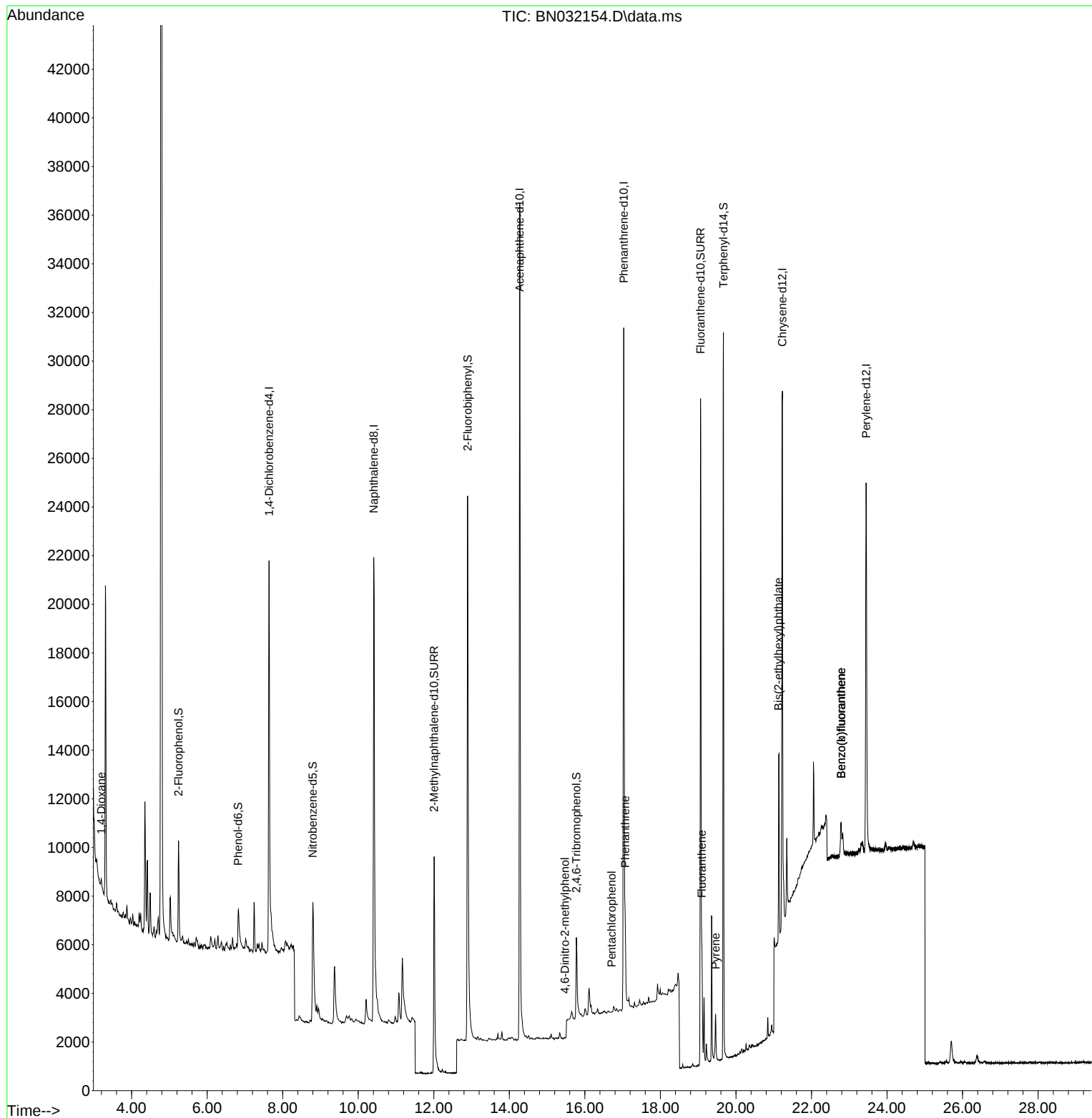
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.639	152	9627	0.400	ng	0.00
7) Naphthalene-d8	10.411	136	33402	0.400	ng	-0.01
13) Acenaphthene-d10	14.274	164	21524	0.400	ng	-0.01
19) Phenanthrene-d10	17.029	188	43524	0.400	ng	# 0.00
29) Chrysene-d12	21.229	240	23700	0.400	ng	# 0.00
35) Perylene-d12	23.446	264	21837	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.241	112	3962	0.145	ng	0.00
5) Phenol-d6	6.823	99	2994	0.083	ng	0.00
8) Nitrobenzene-d5	8.798	82	6936	0.250	ng	0.00
11) 2-Methylnaphthalene-d10	12.009	152	15269	0.287	ng	-0.01
14) 2,4,6-Tribromophenol	15.775	330	2508	0.243	ng	-0.01
15) 2-Fluorobiphenyl	12.895	172	25380	0.311	ng	-0.01
27) Fluoranthene-d10	19.063	212	34410	0.291	ng	0.00
31) Terphenyl-d14	19.667	244	29385	0.507	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.197	88	295	0.025	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.472	198	6	0.175	ng	# 1
24) Pentachlorophenol	16.706	266	57	0.174	ng	# 71
25) Phenanthrene	17.066	178	3095	0.026	ng	98
28) Fluoranthene	19.096	202	3347	0.023	ng	# 54
30) Pyrene	19.458	202	2000	0.021	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.130	149	8273	0.136	ng	99
37) Benzo(b)fluoranthene	22.785	252	2232	0.028	ng	# 1
38) Benzo(k)fluoranthene	22.785	252	2232	0.030	ng	# 1

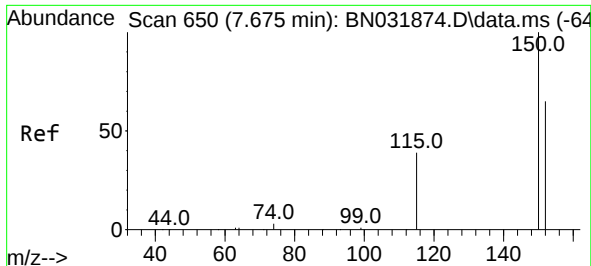
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062124\
Data File : BN032154.D
Acq On : 22 Jun 2024 05:35
Operator : MA/JU
Sample : P2891-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-480-482

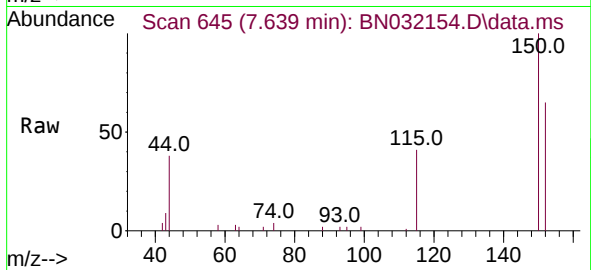
Quant Time: Jun 22 06:49:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
Response via : Initial Calibration



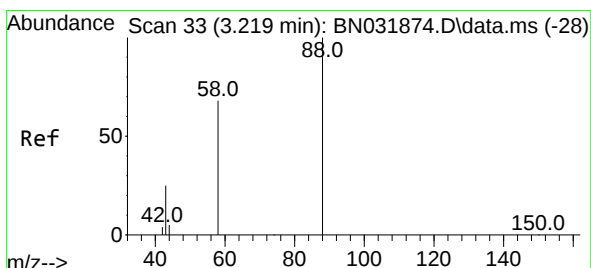
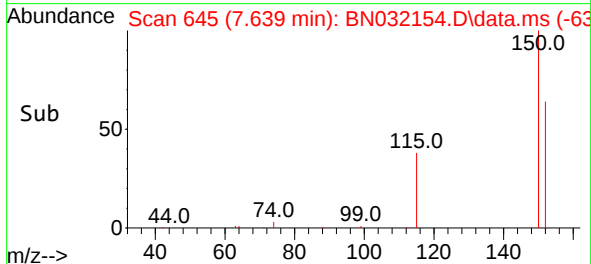
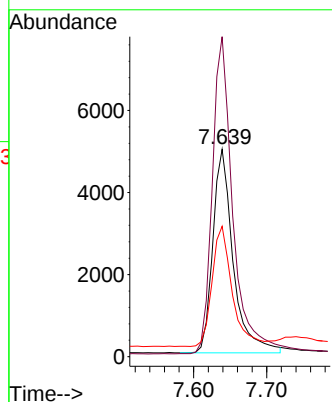


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.639 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN032154.D
Acq: 22 Jun 2024 05:35

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-480-482

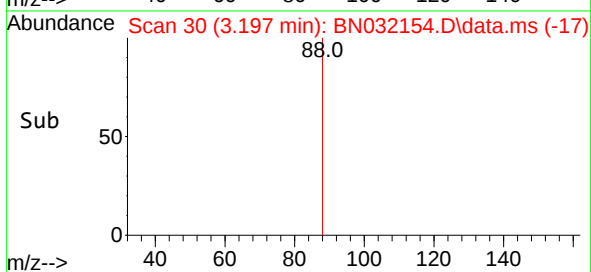
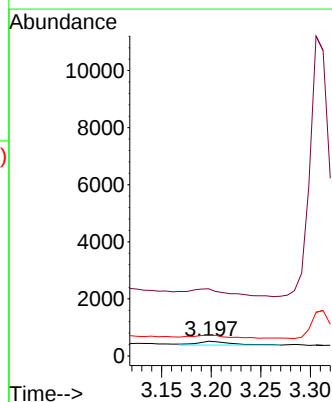
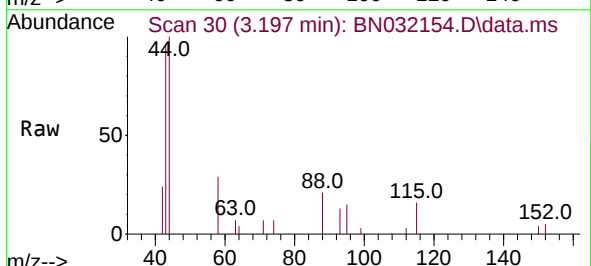


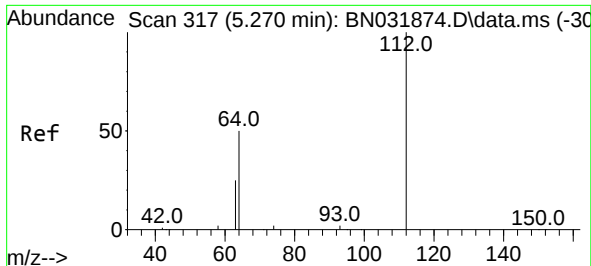
Tgt Ion:152 Resp: 9627
Ion Ratio Lower Upper
152 100
150 154.3 121.0 181.4
115 62.9 49.4 74.0



#2
1,4-Dioxane
Concen: 0.025 ng
RT: 3.197 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN032154.D
Acq: 22 Jun 2024 05:35

Tgt Ion: 88 Resp: 295
Ion Ratio Lower Upper
88 100
43 218.0 22.7 34.1#
58 76.9 51.3 76.9#

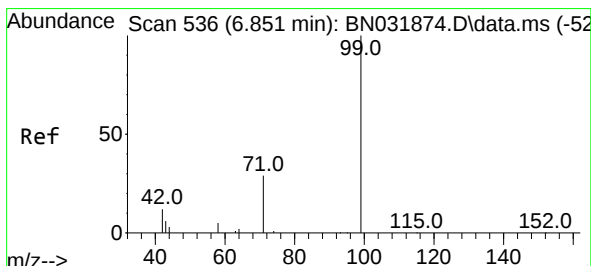
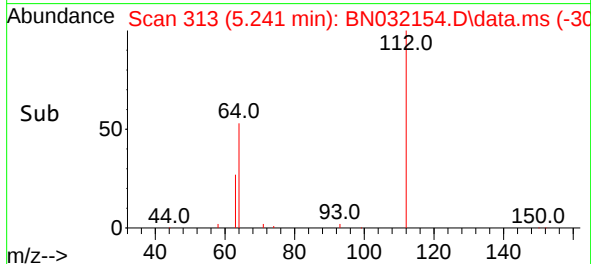
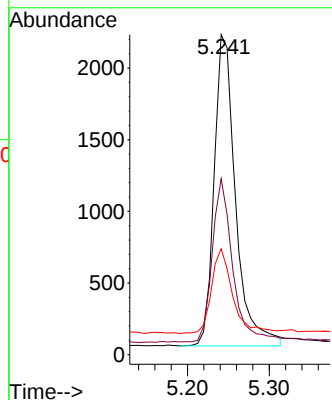
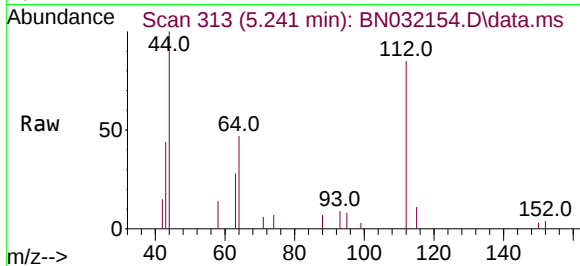




#4
2-Fluorophenol
Concen: 0.145 ng
RT: 5.241 min Scan# 317
Delta R.T. -0.007 min
Lab File: BN032154.D
Acq: 22 Jun 2024 05:35

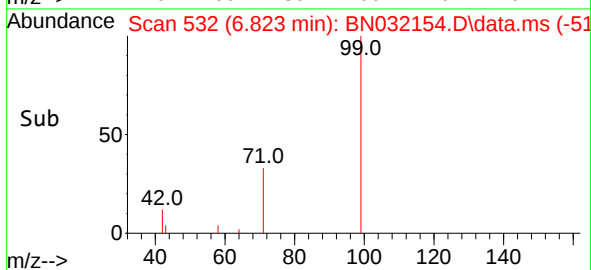
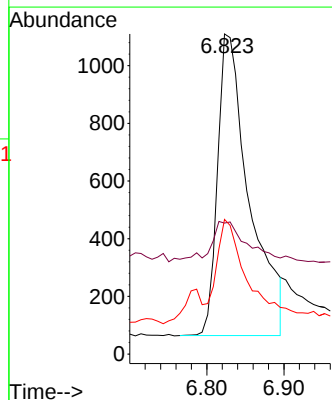
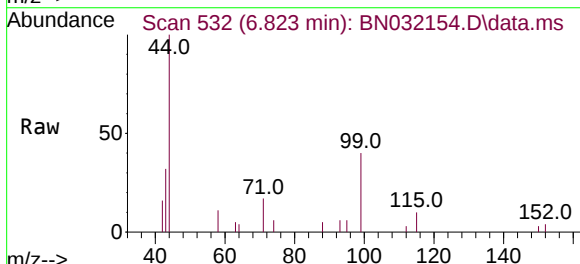
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-480-482

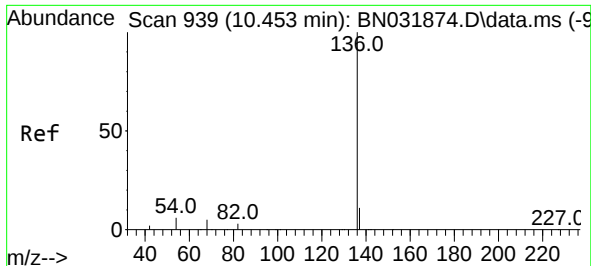
Tgt Ion: 112 Resp: 3962
Ion Ratio Lower Upper
112 100
64 49.9 42.4 63.6
63 26.6 22.1 33.1



#5
Phenol-d6
Concen: 0.083 ng
RT: 6.823 min Scan# 532
Delta R.T. -0.007 min
Lab File: BN032154.D
Acq: 22 Jun 2024 05:35

Tgt Ion: 99 Resp: 2994
Ion Ratio Lower Upper
99 100
42 12.5 12.8 19.2#
71 25.6 25.4 38.2

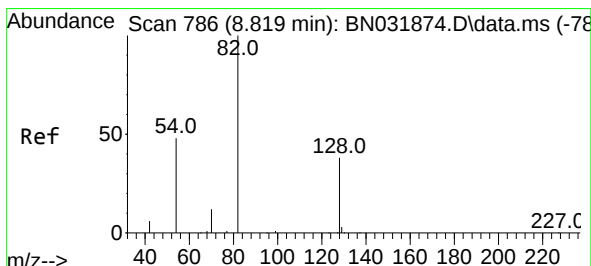
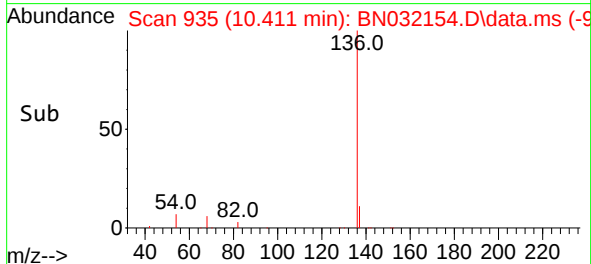
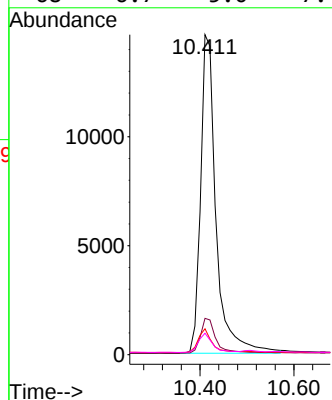
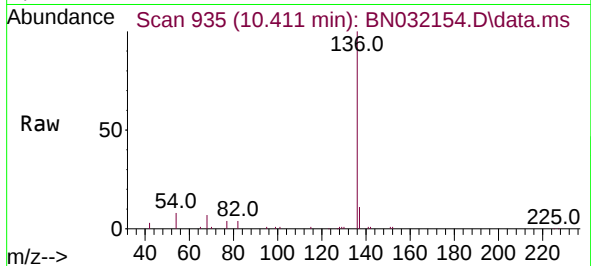




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.411 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN032154.D
Acq: 22 Jun 2024 05:35

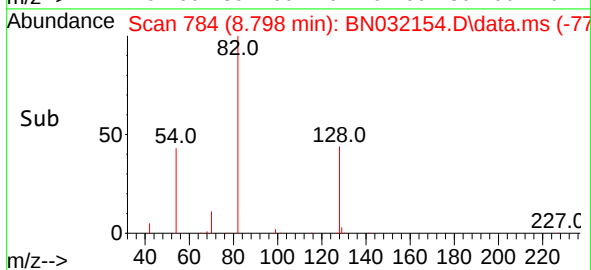
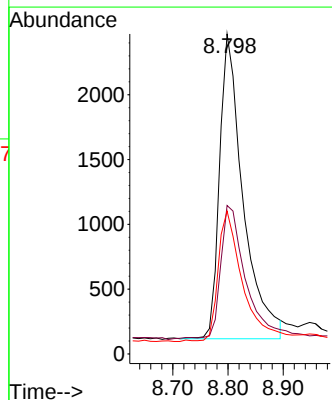
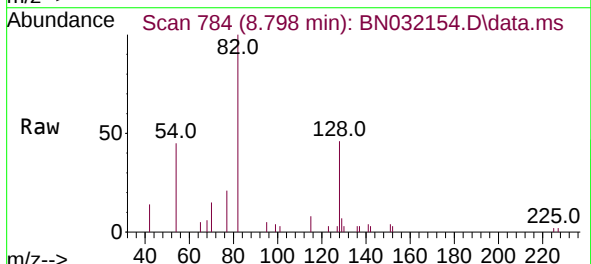
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-480-482

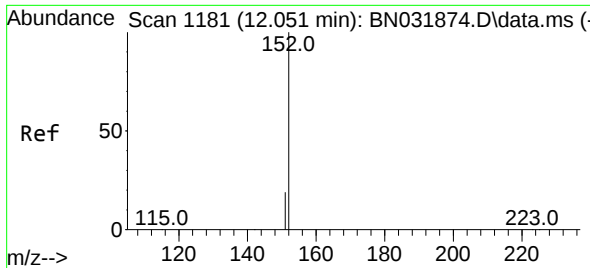
Tgt Ion:	136	Resp:	33402
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.9	13.3
54	8.1	5.6	8.4
68	6.7	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.250 ng
RT: 8.798 min Scan# 784
Delta R.T. 0.000 min
Lab File: BN032154.D
Acq: 22 Jun 2024 05:35

Tgt Ion:	82	Resp:	6936
Ion Ratio	Lower	Upper	
82	100		
128	46.4	32.1	48.1
54	44.6	39.7	59.5

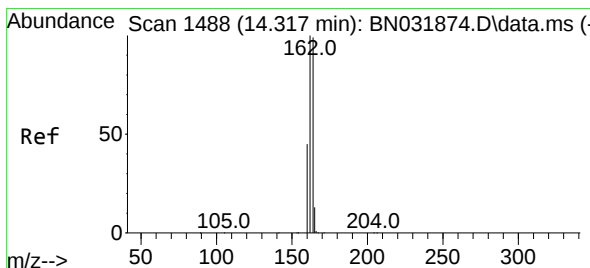
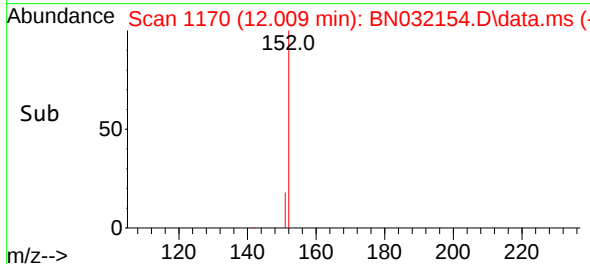
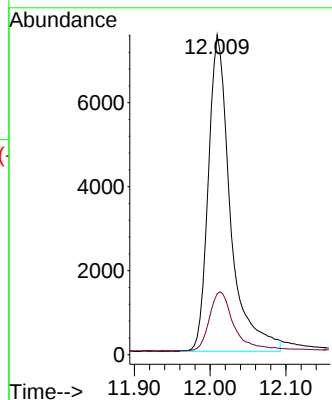
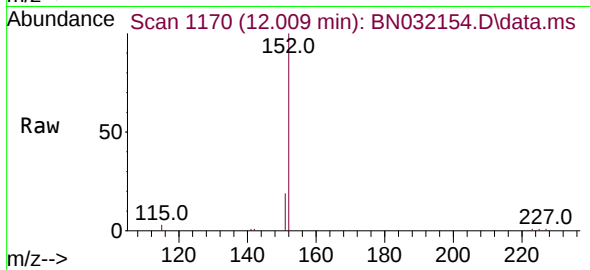




#11
2-Methylnaphthalene-d10
Concen: 0.287 ng
RT: 12.009 min Scan# 1181
Delta R.T. -0.011 min
Lab File: BN032154.D
Acq: 22 Jun 2024 05:35

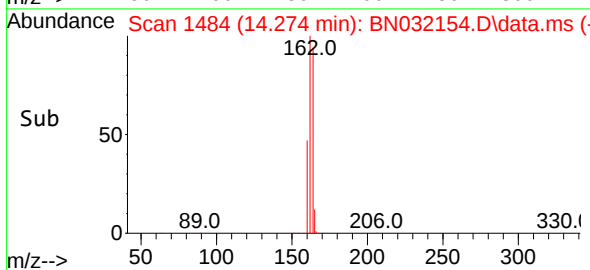
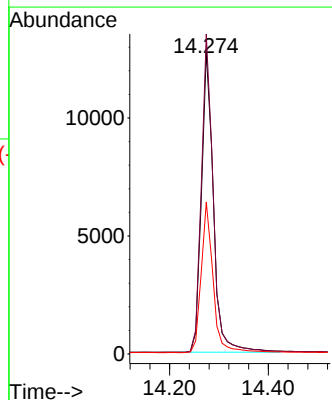
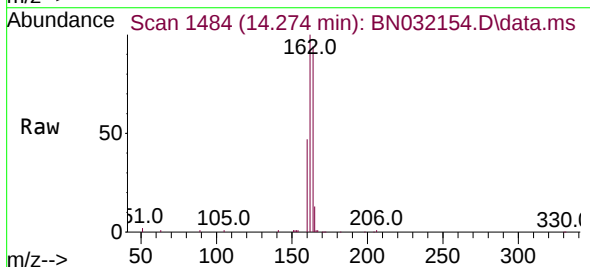
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-480-482

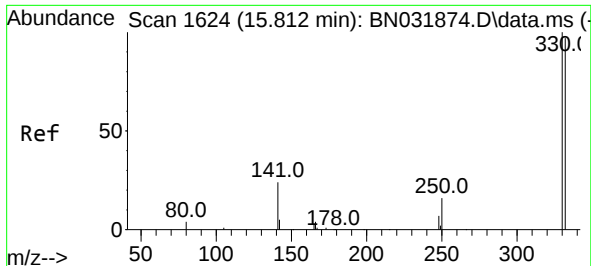
Tgt Ion:152 Resp: 15269
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.274 min Scan# 1484
Delta R.T. -0.011 min
Lab File: BN032154.D
Acq: 22 Jun 2024 05:35

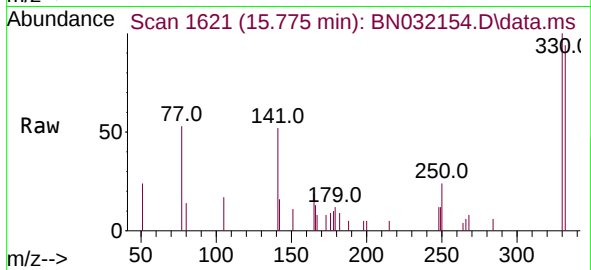
Tgt Ion:164 Resp: 21524
Ion Ratio Lower Upper
164 100
162 106.0 80.7 121.1
160 50.3 36.2 54.4



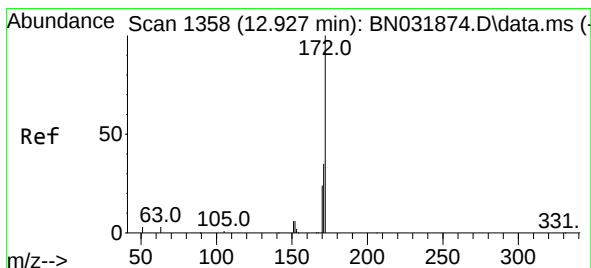
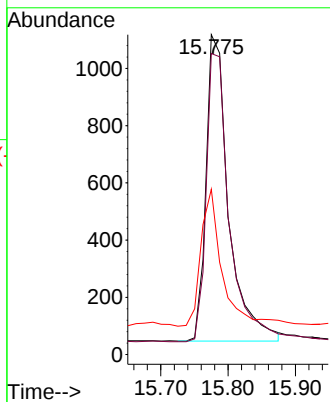
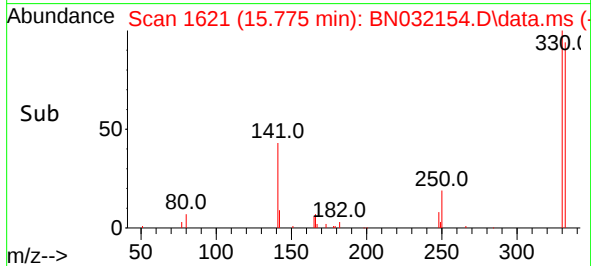


#14
2,4,6-Tribromophenol
Concen: 0.243 ng
RT: 15.775 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN032154.D
Acq: 22 Jun 2024 05:35

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-480-482

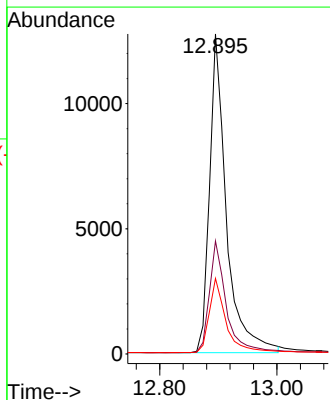
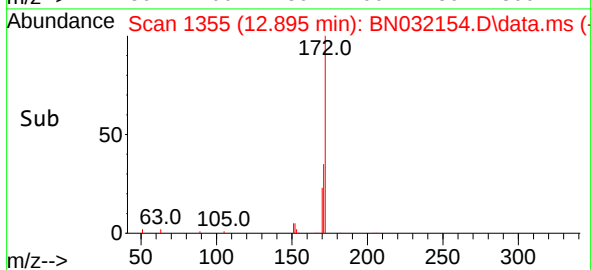
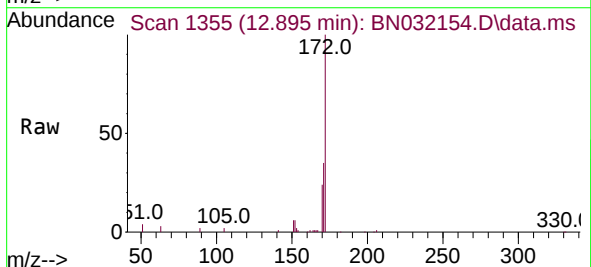


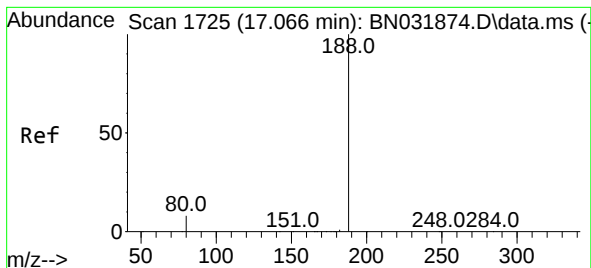
Tgt Ion:330 Resp: 2508
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 42.0 34.7 52.1



#15
2-Fluorobiphenyl
Concen: 0.311 ng
RT: 12.895 min Scan# 1355
Delta R.T. -0.011 min
Lab File: BN032154.D
Acq: 22 Jun 2024 05:35

Tgt Ion:172 Resp: 25380
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.6 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: BN032154.D

Acq: 22 Jun 2024 05:35

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-480-482

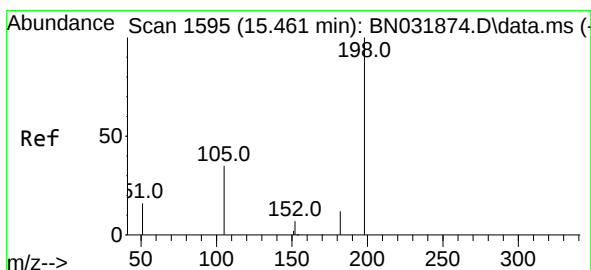
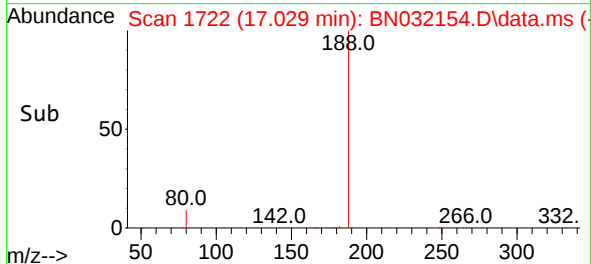
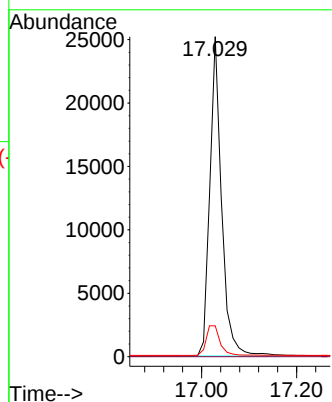
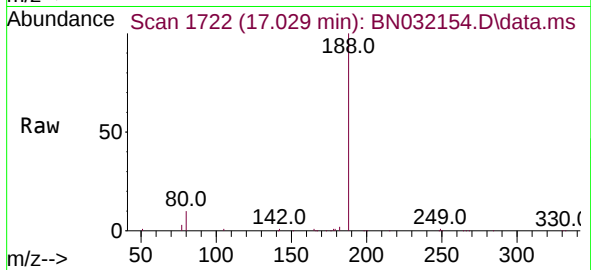
Tgt Ion:188 Resp: 43524

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.6 6.4 9.6#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.175 ng

RT: 15.472 min Scan# 1596

Delta R.T. 0.032 min

Lab File: BN032154.D

Acq: 22 Jun 2024 05:35

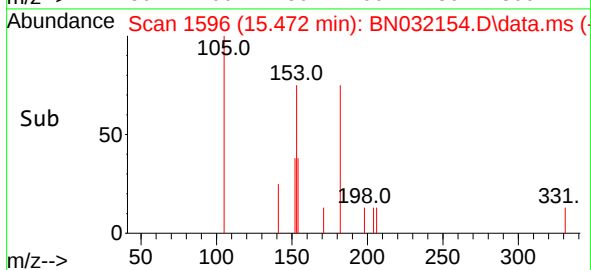
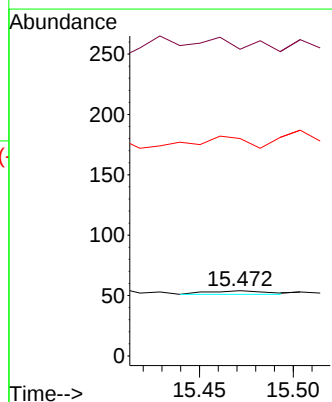
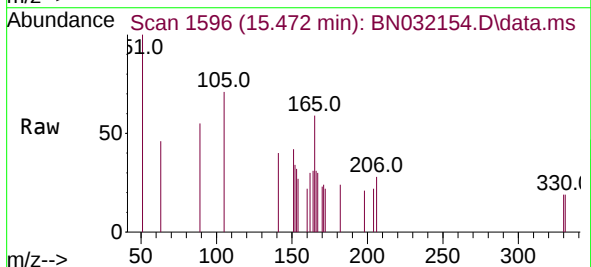
Tgt Ion:198 Resp: 6

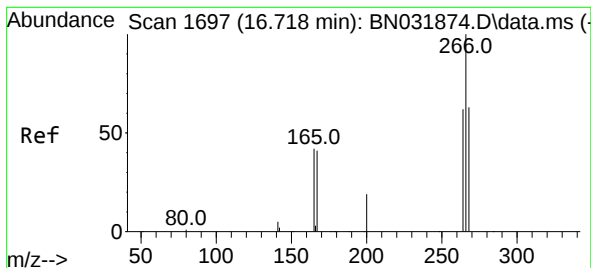
Ion Ratio Lower Upper

198 100

51 470.4 42.7 64.1#

105 333.3 41.8 62.8#





#24

Pentachlorophenol

Concen: 0.174 ng

RT: 16.706 min Scan# 1

Delta R.T. 0.012 min

Lab File: BN032154.D

Acq: 22 Jun 2024 05:35

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-480-482

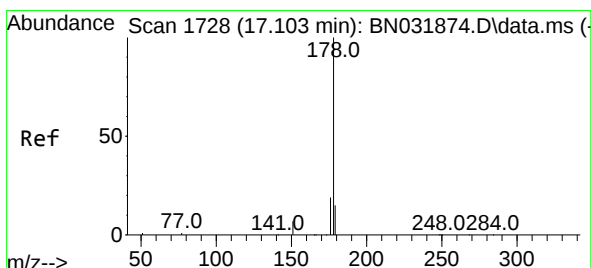
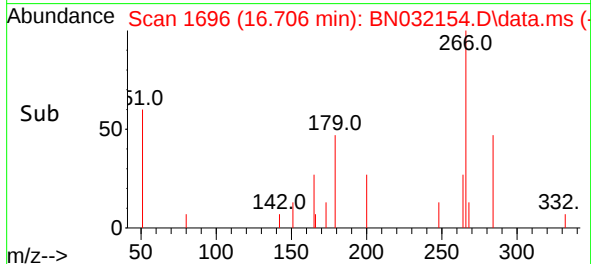
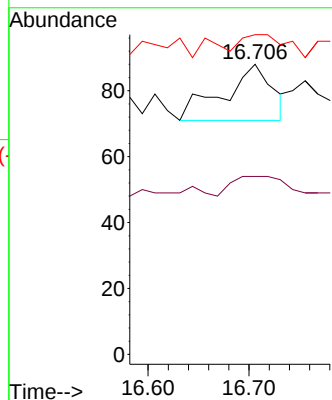
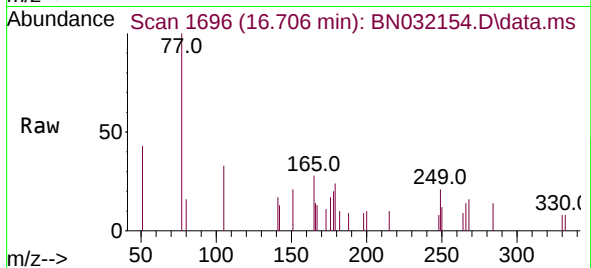
Tgt Ion:266 Resp: 57

Ion Ratio Lower Upper

266 100

264 42.1 50.0 75.0#

268 38.6 51.0 76.6#



#25

Phenanthrene

Concen: 0.026 ng

RT: 17.066 min Scan# 1725

Delta R.T. -0.012 min

Lab File: BN032154.D

Acq: 22 Jun 2024 05:35

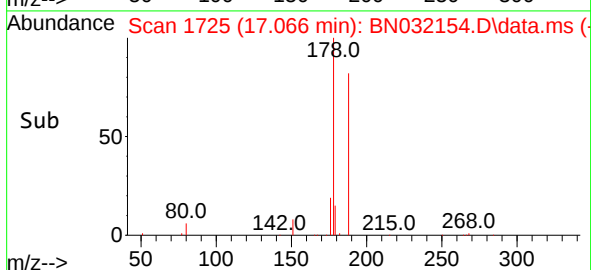
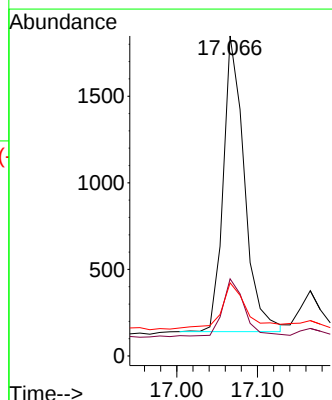
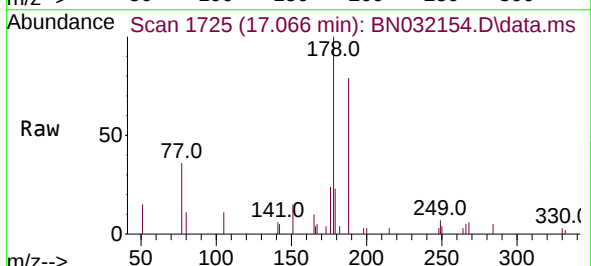
Tgt Ion:178 Resp: 3095

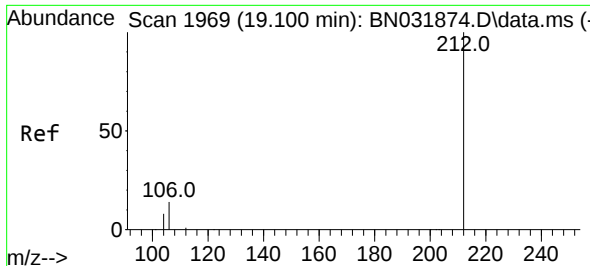
Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 16.9 12.2 18.2

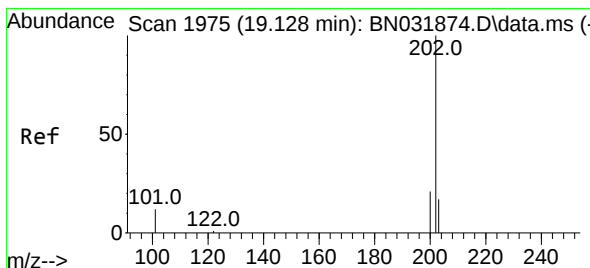
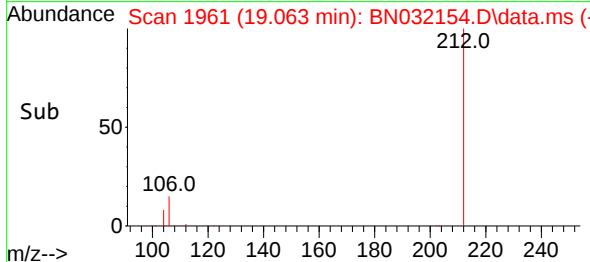
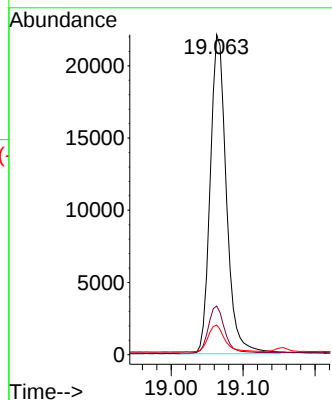
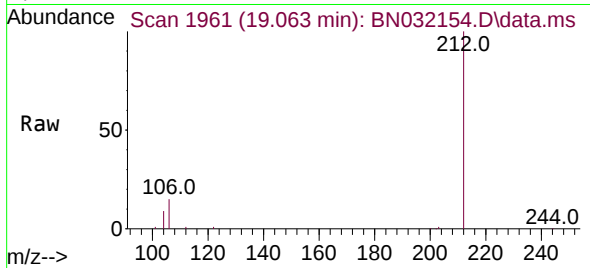




#27
Fluoranthene-d10
Concen: 0.291 ng
RT: 19.063 min Scan# 1961
Delta R.T. -0.009 min
Lab File: BN032154.D
Acq: 22 Jun 2024 05:35

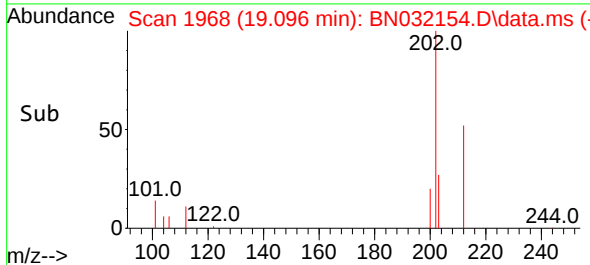
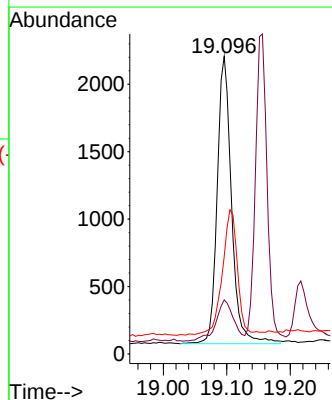
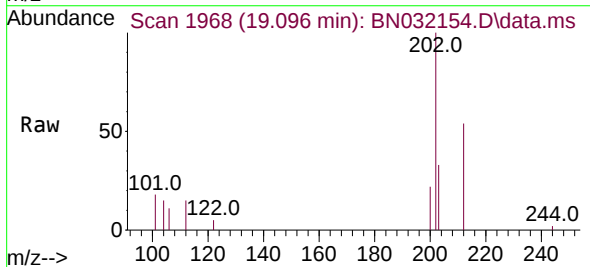
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-480-482

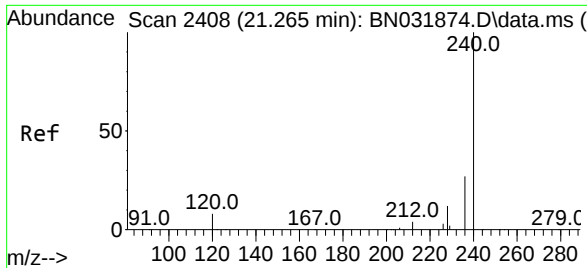
Tgt Ion:212 Resp: 34410
Ion Ratio Lower Upper
212 100
106 14.9 11.8 17.8
104 8.7 6.6 10.0



#28
Fluoranthene
Concen: 0.023 ng
RT: 19.096 min Scan# 1968
Delta R.T. -0.005 min
Lab File: BN032154.D
Acq: 22 Jun 2024 05:35

Tgt Ion:202 Resp: 3347
Ion Ratio Lower Upper
202 100
101 17.9 9.8 14.6#
203 46.5 13.7 20.5#

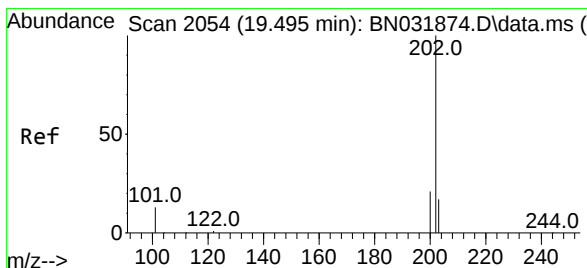
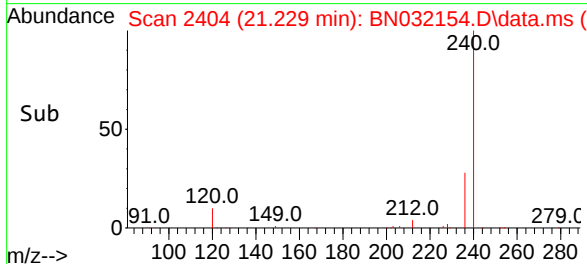
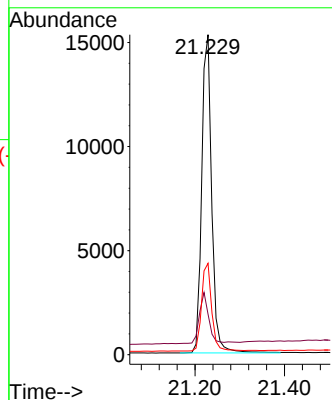
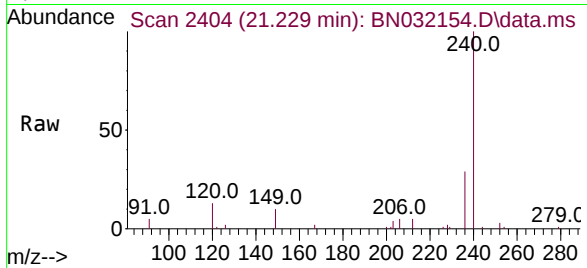




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.229 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BN032154.D
Acq: 22 Jun 2024 05:35

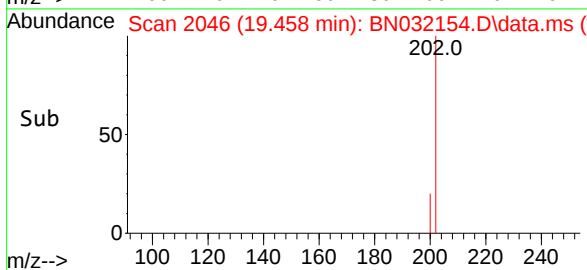
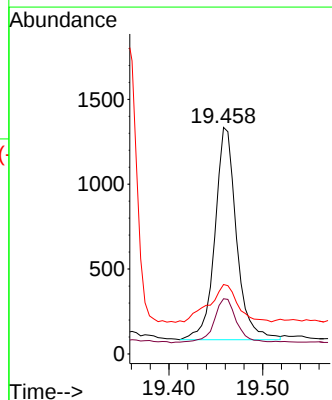
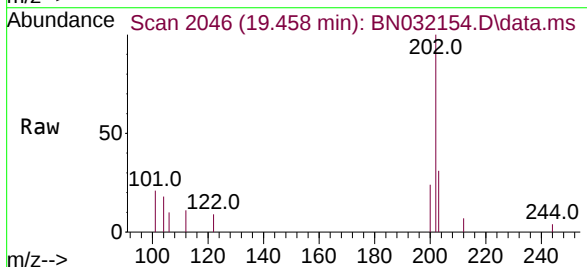
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-480-482

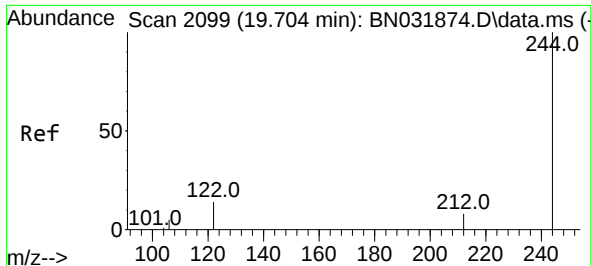
Tgt Ion:240 Resp: 23700
Ion Ratio Lower Upper
240 100
120 12.6 8.2 12.4#
236 28.6 21.8 32.8



#30
Pyrene
Concen: 0.021 ng
RT: 19.458 min Scan# 2046
Delta R.T. -0.009 min
Lab File: BN032154.D
Acq: 22 Jun 2024 05:35

Tgt Ion:202 Resp: 2000
Ion Ratio Lower Upper
202 100
200 21.8 16.7 25.1
203 23.8 14.3 21.5#

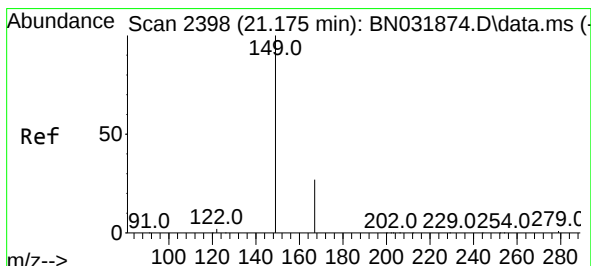
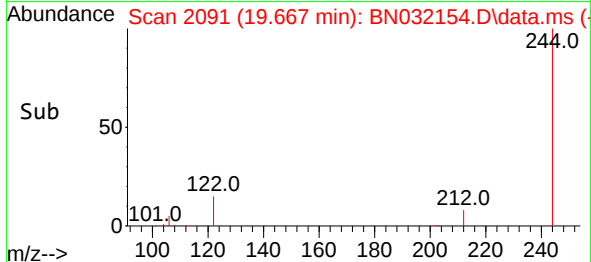
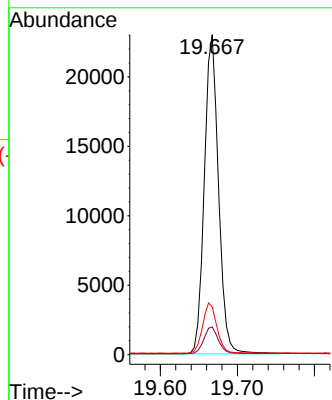
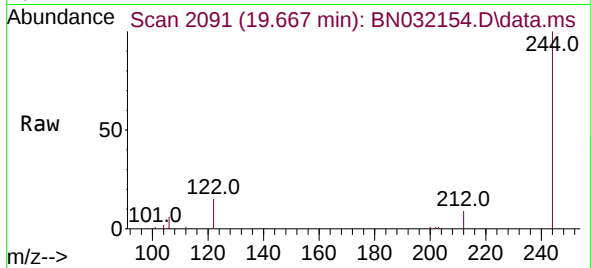




#31
 Terphenyl-d14
 Concen: 0.507 ng
 RT: 19.667 min Scan# 2099
 Delta R.T. -0.005 min
 Lab File: BN032154.D
 Acq: 22 Jun 2024 05:35

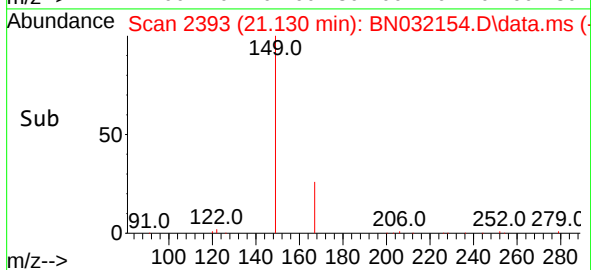
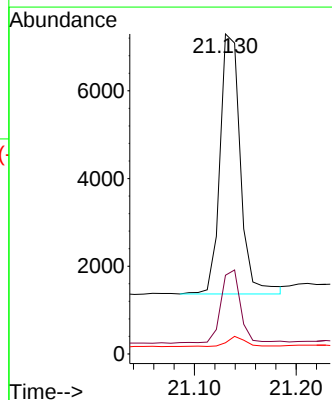
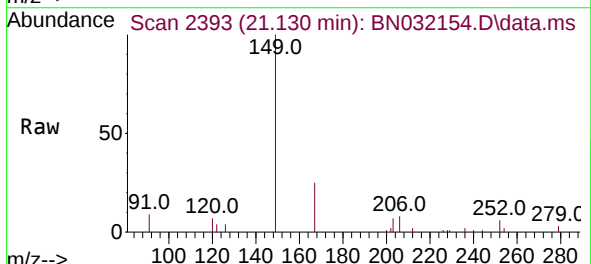
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-480-482

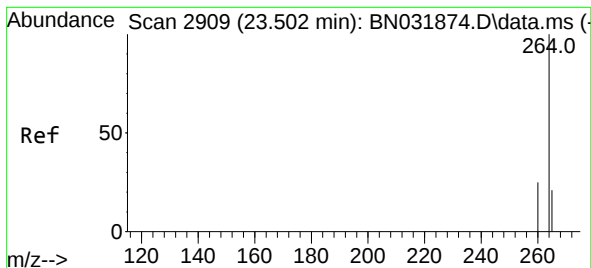
Tgt Ion:244 Resp: 29385
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.5 9.7
 122 15.0 11.4 17.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.136 ng
 RT: 21.130 min Scan# 2393
 Delta R.T. -0.018 min
 Lab File: BN032154.D
 Acq: 22 Jun 2024 05:35

Tgt Ion:149 Resp: 8273
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.5 33.7
 279 3.7 2.9 4.3





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.446 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN032154.D

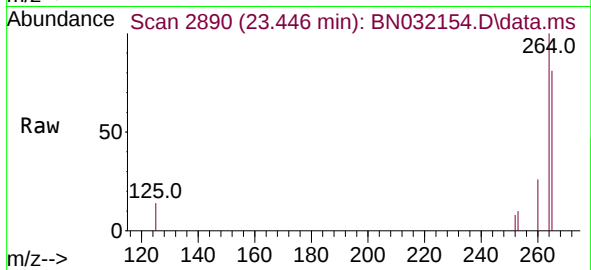
Acq: 22 Jun 2024 05:35

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-480-482



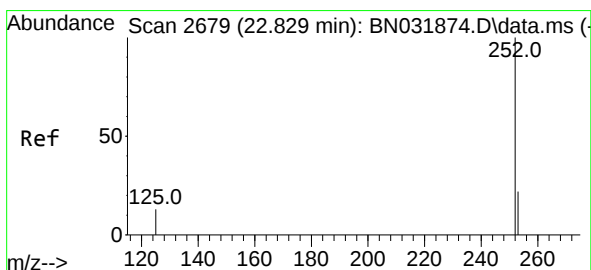
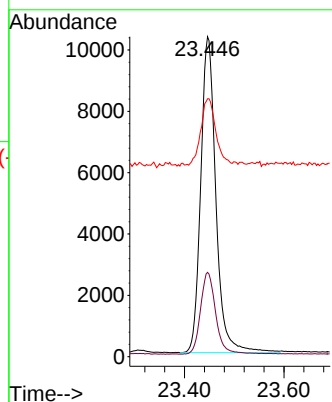
Tgt Ion:264 Resp: 21837

Ion Ratio Lower Upper

264 100

260 26.4 20.5 30.7

265 80.6 39.6 59.4#



#37

Benzo(b)fluoranthene

Concen: 0.028 ng

RT: 22.785 min Scan# 2664

Delta R.T. 0.000 min

Lab File: BN032154.D

Acq: 22 Jun 2024 05:35

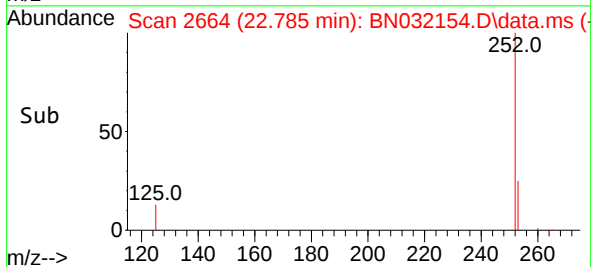
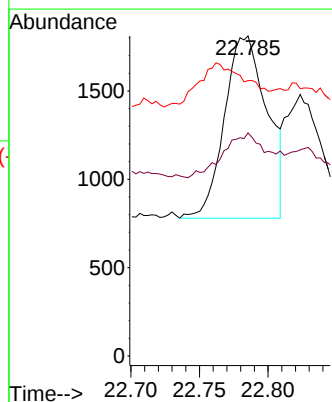
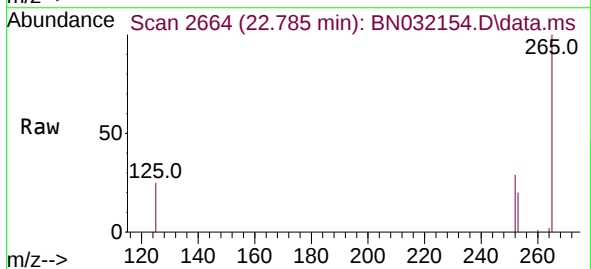
Tgt Ion:252 Resp: 2232

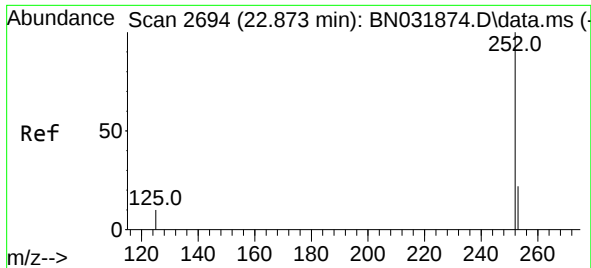
Ion Ratio Lower Upper

252 100

253 69.7 20.2 30.2#

125 86.0 14.2 21.4#





#38

Benzo(k)fluoranthene

Concen: 0.030 ng

RT: 22.785 min Scan# 20

Delta R.T. -0.044 min

Lab File: BN032154.D

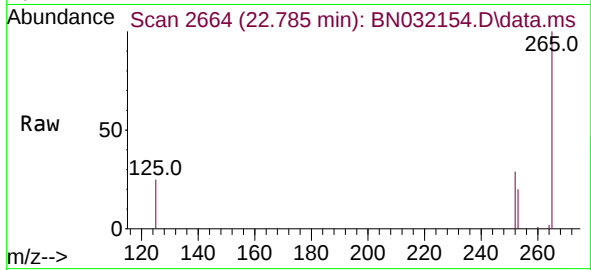
Acq: 22 Jun 2024 05:35

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-480-482



Tgt Ion:252 Resp: 2232

Ion Ratio Lower Upper

252 100

253 69.7 19.9 29.9#

125 86.0 13.0 19.4#

