

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062124\
 Data File : BN032155.D
 Acq On : 22 Jun 2024 06:11
 Operator : MA/JU
 Sample : P2892-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-510-512

Quant Time: Jun 22 06:49:24 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)

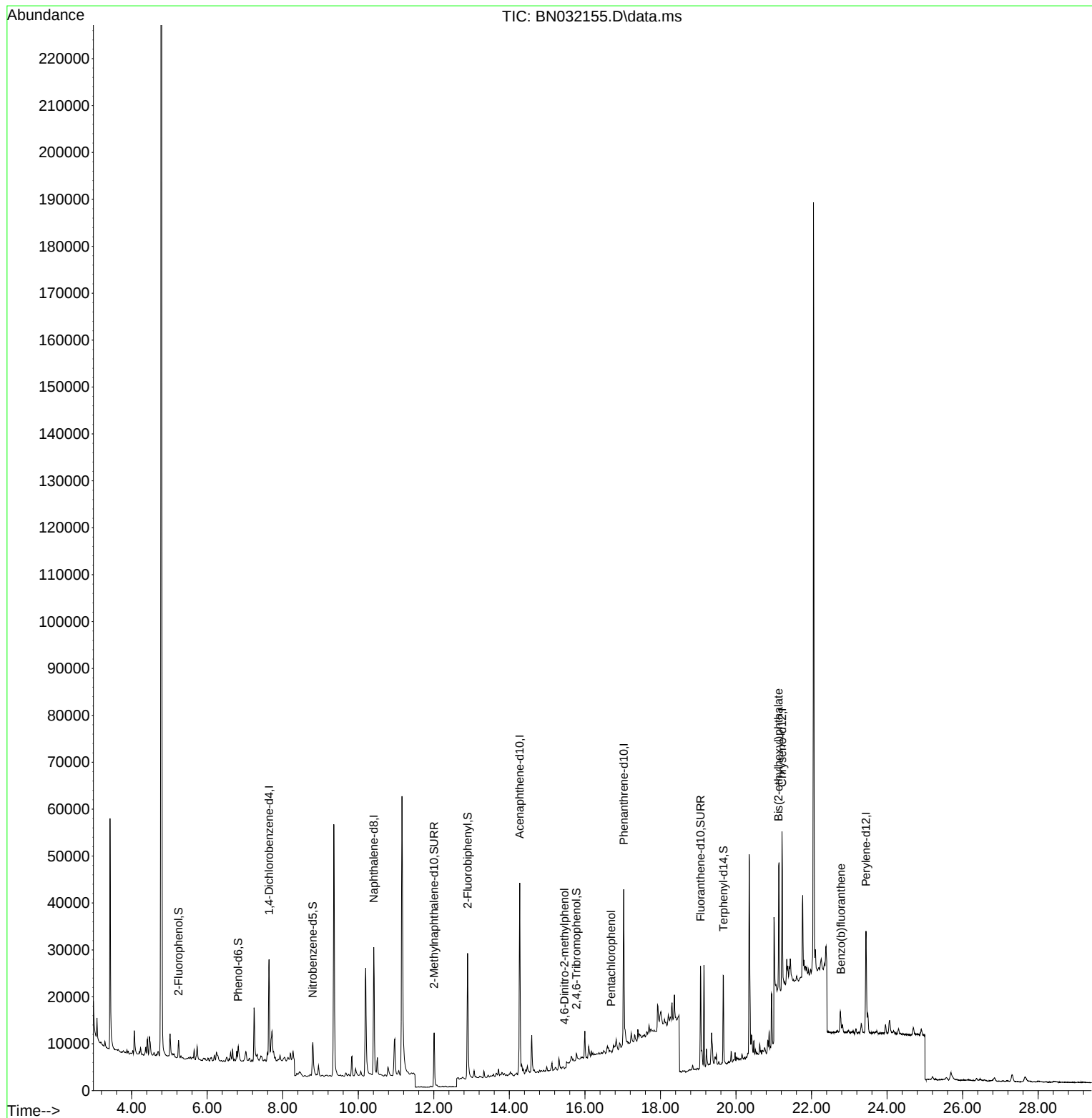
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.639	152	11761	0.400	ng	0.00
7) Naphthalene-d8	10.410	136	39571	0.400	ng	-0.01
13) Acenaphthene-d10	14.274	164	24249	0.400	ng	-0.01
19) Phenanthrene-d10	17.029	188	49437	0.400	ng	0.00
29) Chrysene-d12	21.220	240	30341	0.400	ng	# 0.00
35) Perylene-d12	23.443	264	30036	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.241	112	3097	0.093	ng	0.00
5) Phenol-d6	6.823	99	4173	0.095	ng	0.00
8) Nitrobenzene-d5	8.798	82	7834	0.238	ng	0.00
11) 2-Methylnaphthalene-d10	12.009	152	17437	0.277	ng	-0.01
14) 2,4,6-Tribromophenol	15.775	330	1089	0.094	ng	-0.01
15) 2-Fluorobiphenyl	12.895	172	27804	0.302	ng	-0.01
27) Fluoranthene-d10	19.063	212	25440	0.189	ng	0.00
31) Terphenyl-d14	19.667	244	19407	0.262	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.461	198	24	0.177	ng	# 1
24) Pentachlorophenol	16.694	266	39	0.173	ng	# 51
34) Bis(2-ethylhexyl)phtha...	21.130	149	26747	0.343	ng	97
37) Benzo(b)fluoranthene	22.777	252	3387	0.031	ng	# 1

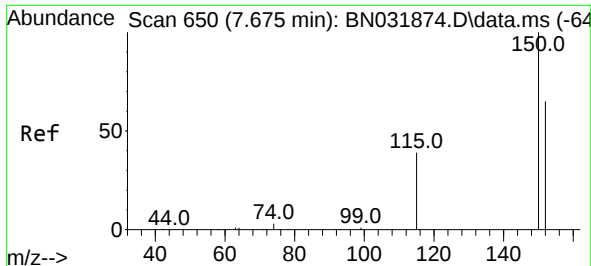
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_N
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BP-VPB-196-GW-510-512

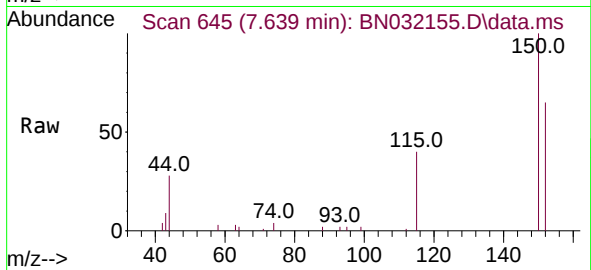
Quant Time: Jun 22 06:49:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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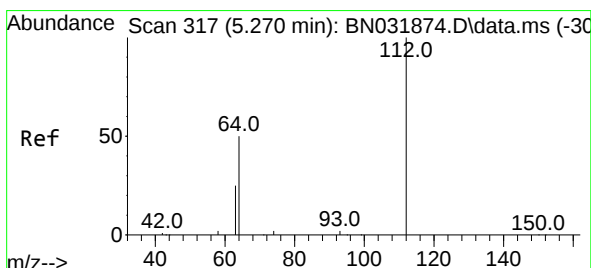
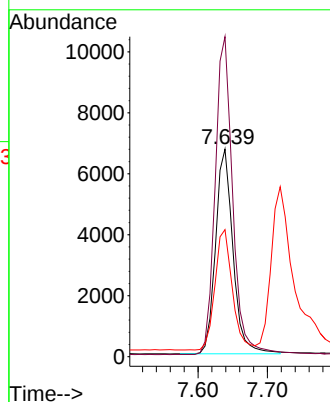
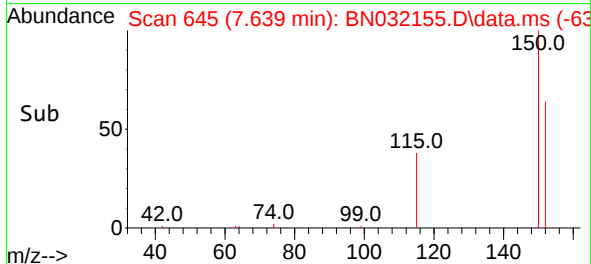


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.639 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN032155.D
Acq: 22 Jun 2024 06:11

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-510-512

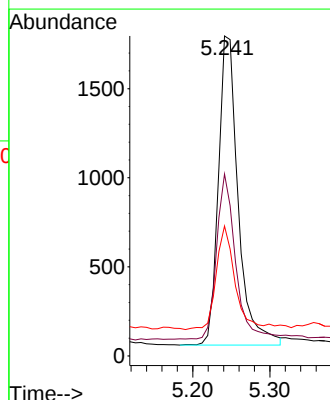
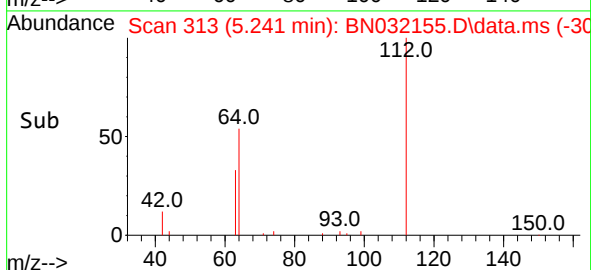
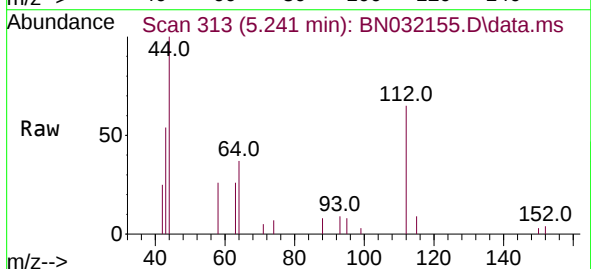


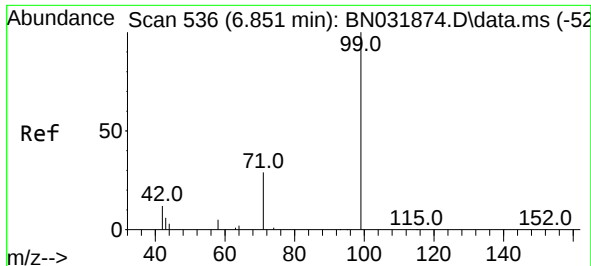
Tgt Ion:152 Resp: 11761
Ion Ratio Lower Upper
152 100
150 154.2 121.0 181.4
115 61.2 49.4 74.0



#4
2-Fluorophenol
Concen: 0.093 ng
RT: 5.241 min Scan# 313
Delta R.T. -0.007 min
Lab File: BN032155.D
Acq: 22 Jun 2024 06:11

Tgt Ion:112 Resp: 3097
Ion Ratio Lower Upper
112 100
64 51.0 42.4 63.6
63 31.3 22.1 33.1

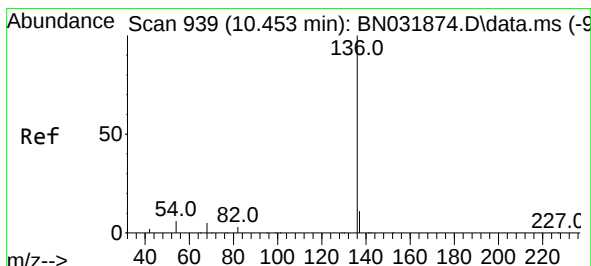
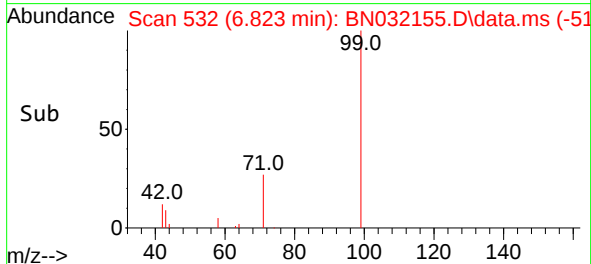
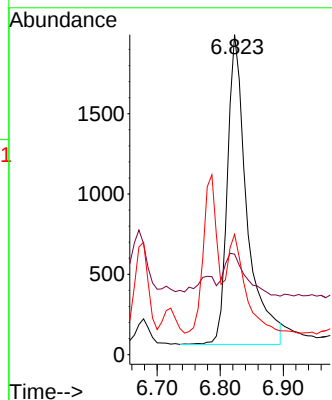
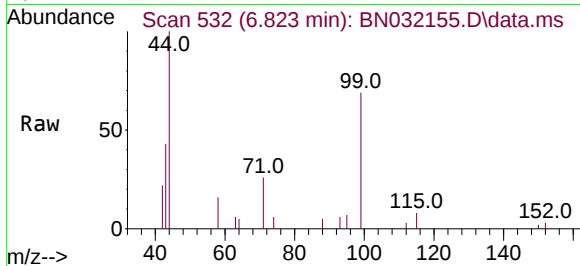




#5
Phenol-d6
Concen: 0.095 ng
RT: 6.823 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN032155.D
Acq: 22 Jun 2024 06:11

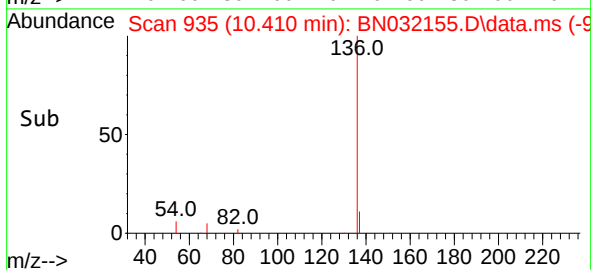
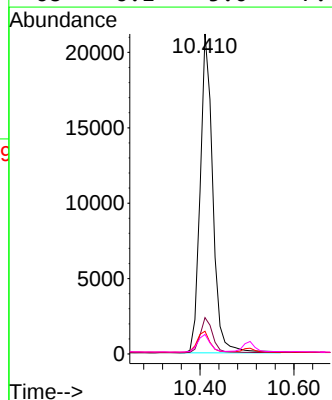
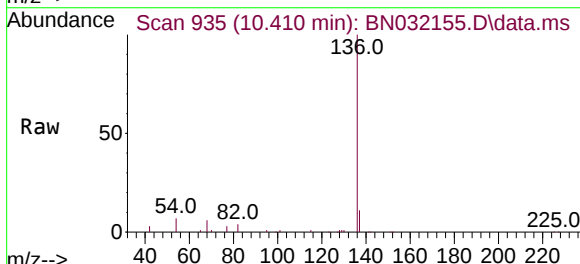
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-510-512

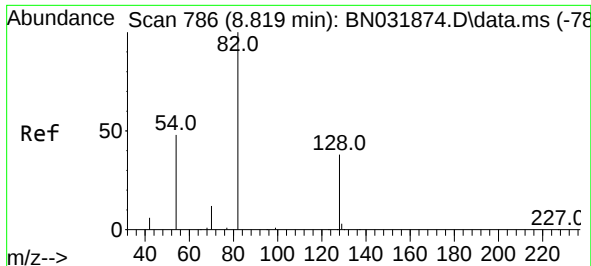
Tgt Ion: 99 Resp: 4173
Ion Ratio Lower Upper
99 100
42 15.3 12.8 19.2
71 25.4 25.4 38.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.410 min Scan# 935
Delta R.T. -0.011 min
Lab File: BN032155.D
Acq: 22 Jun 2024 06:11

Tgt Ion: 136 Resp: 39571
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 7.1 5.6 8.4
68 6.1 5.0 7.4

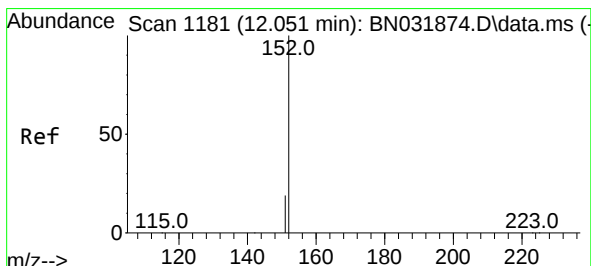
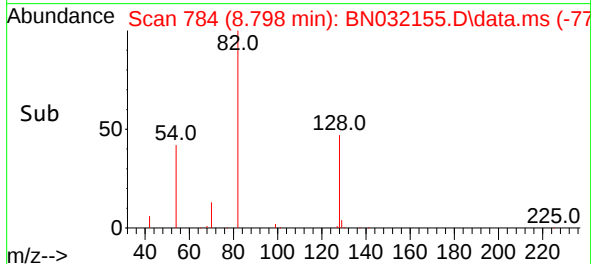
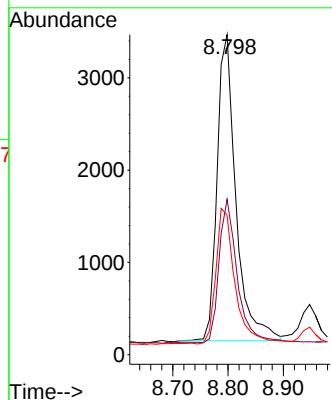
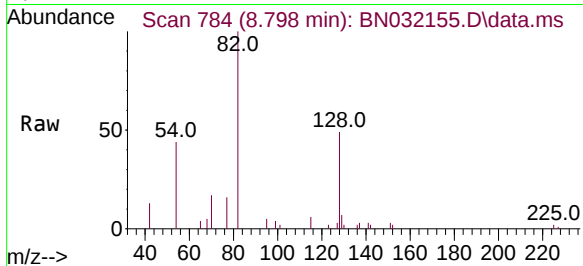




#8
Nitrobenzene-d5
Concen: 0.238 ng
RT: 8.798 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN032155.D
Acq: 22 Jun 2024 06:11

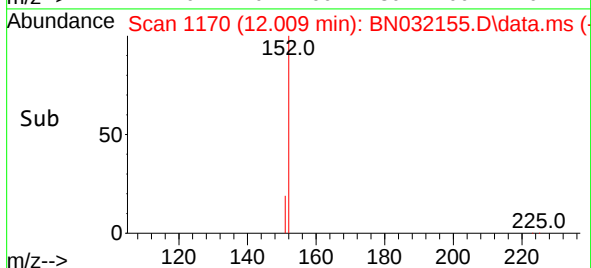
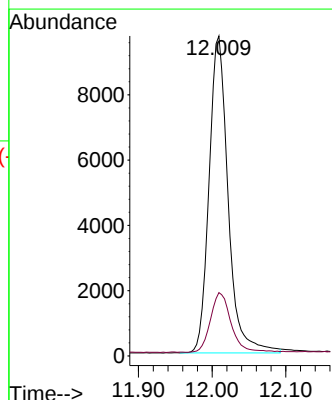
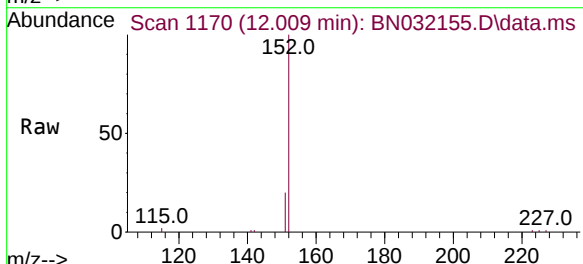
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-510-512

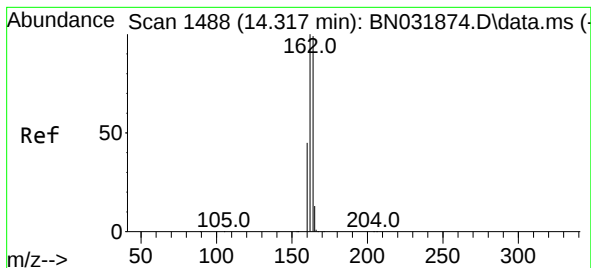
Tgt Ion: 82 Resp: 7834
Ion Ratio Lower Upper
82 100
128 48.5 32.1 48.1#
54 43.6 39.7 59.5



#11
2-Methylnaphthalene-d10
Concen: 0.277 ng
RT: 12.009 min Scan# 1170
Delta R.T. -0.011 min
Lab File: BN032155.D
Acq: 22 Jun 2024 06:11

Tgt Ion:152 Resp: 17437
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.274 min Scan# 1488

Delta R.T. -0.011 min

Lab File: BN032155.D

Acq: 22 Jun 2024 06:11

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-510-512

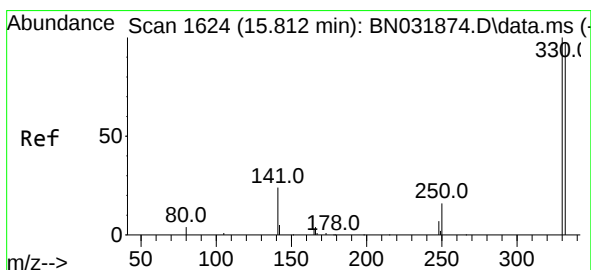
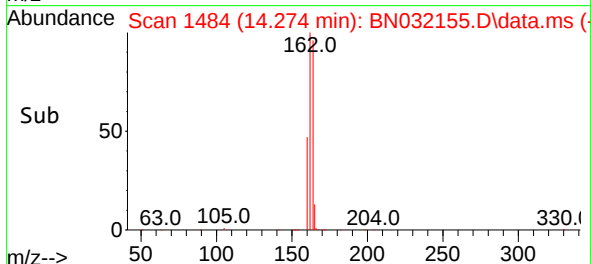
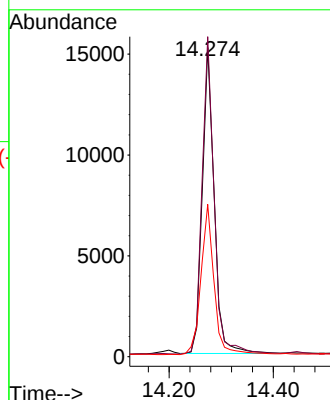
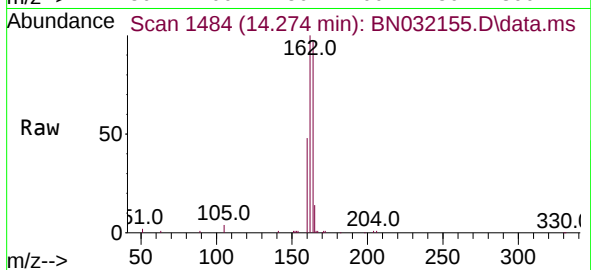
Tgt Ion:164 Resp: 24249

Ion Ratio Lower Upper

164 100

162 103.5 80.7 121.1

160 49.2 36.2 54.4



#14

2,4,6-Tribromophenol

Concen: 0.094 ng

RT: 15.775 min Scan# 1621

Delta R.T. -0.012 min

Lab File: BN032155.D

Acq: 22 Jun 2024 06:11

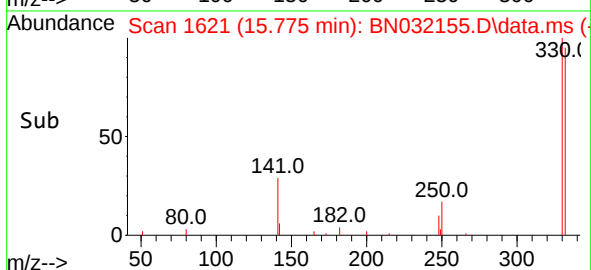
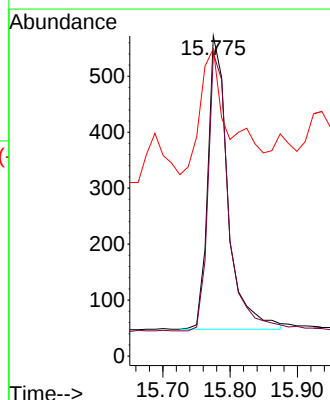
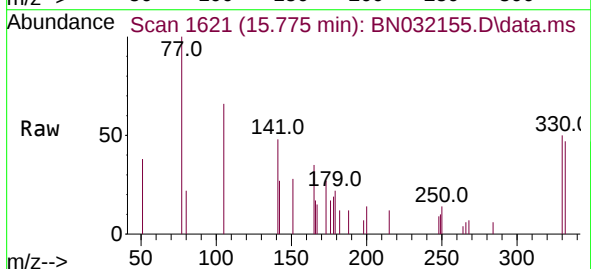
Tgt Ion:330 Resp: 1089

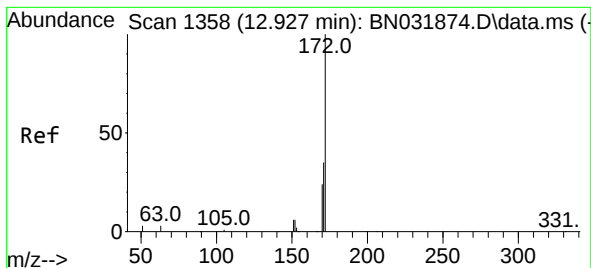
Ion Ratio Lower Upper

330 100

332 96.6 77.5 116.3

141 62.8 34.7 52.1#

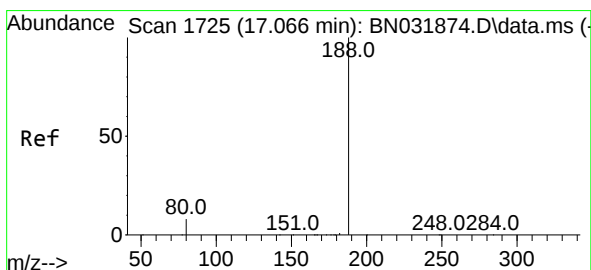
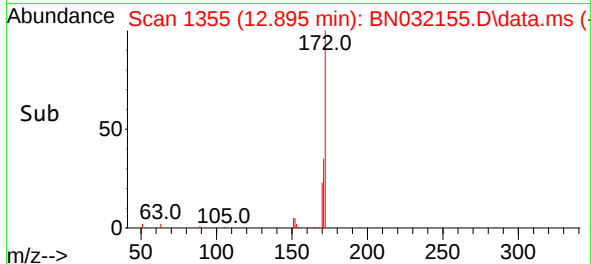
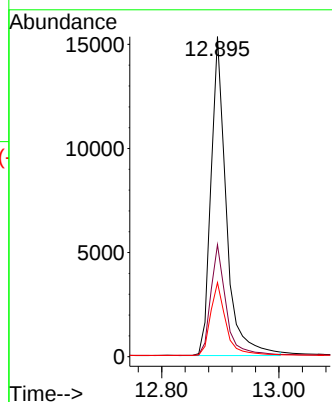
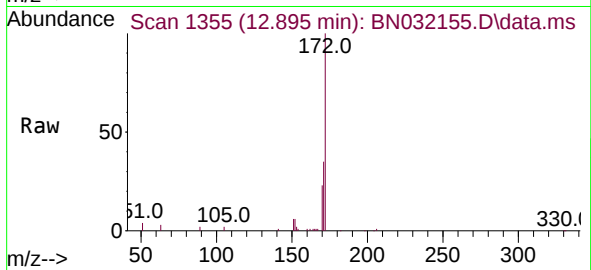




#15
2-Fluorobiphenyl
Concen: 0.302 ng
RT: 12.895 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN032155.D
Acq: 22 Jun 2024 06:11

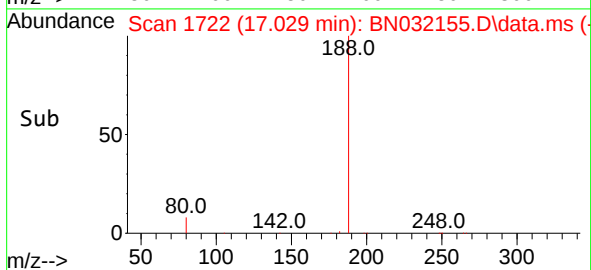
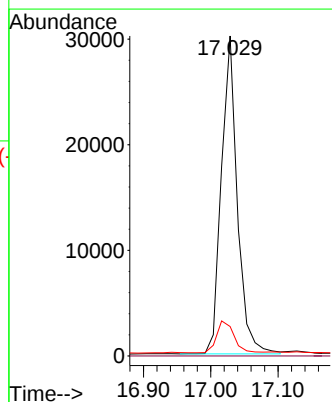
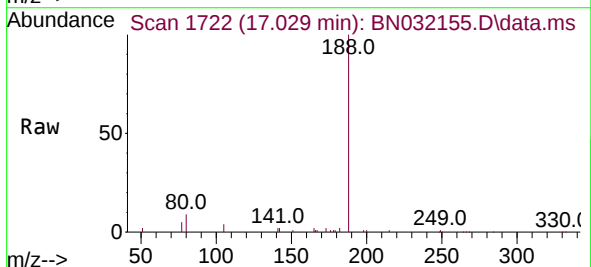
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-510-512

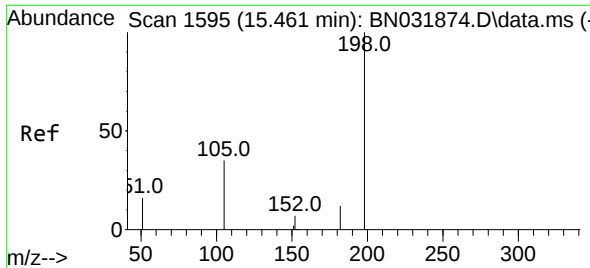
Tgt Ion:172 Resp: 27804
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.1 19.2 28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.029 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BN032155.D
Acq: 22 Jun 2024 06:11

Tgt Ion:188 Resp: 49437
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.2 6.4 9.6

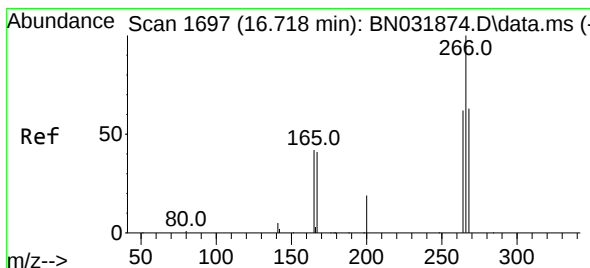
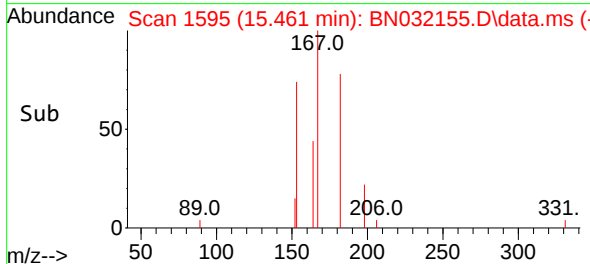
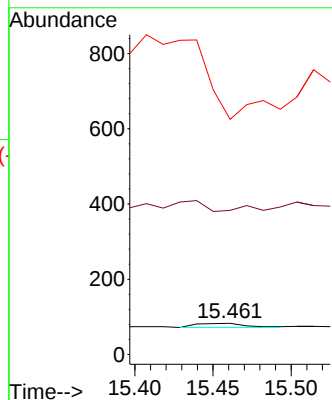
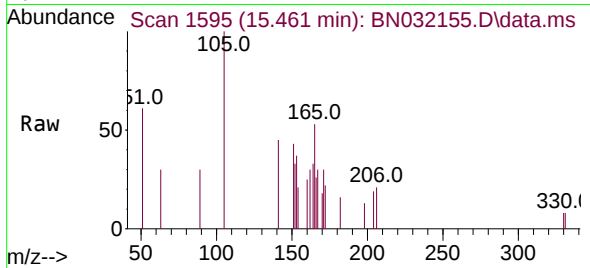




#20
4,6-Dinitro-2-methylphenol
Concen: 0.177 ng
RT: 15.461 min Scan# 1595
Delta R.T. 0.021 min
Lab File: BN032155.D
Acq: 22 Jun 2024 06:11

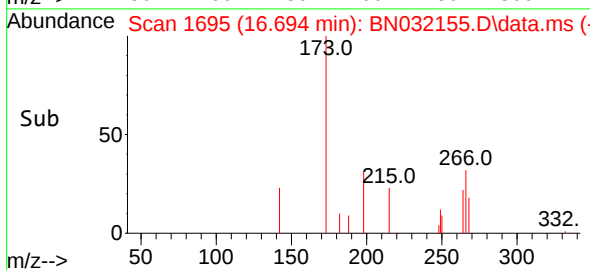
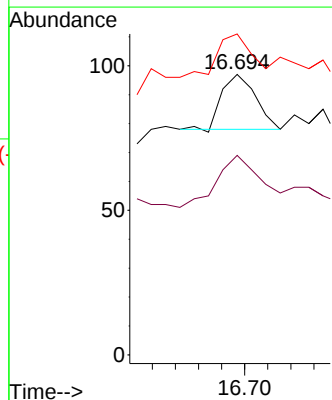
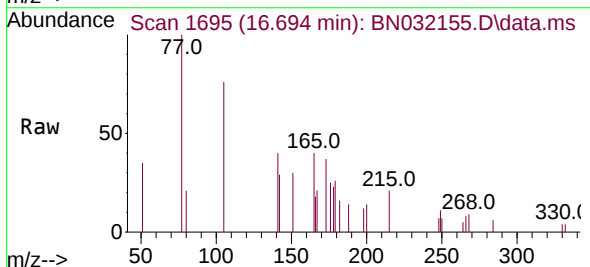
Instrument :
BNA_N
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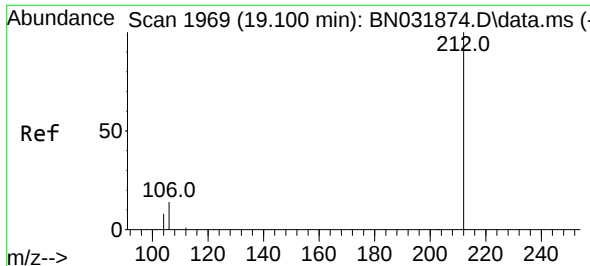
Tgt Ion:198 Resp: 24
Ion Ratio Lower Upper
198 100
51 461.4 42.7 64.1#
105 753.0 41.8 62.8#



#24
Pentachlorophenol
Concen: 0.173 ng
RT: 16.694 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BN032155.D
Acq: 22 Jun 2024 06:11

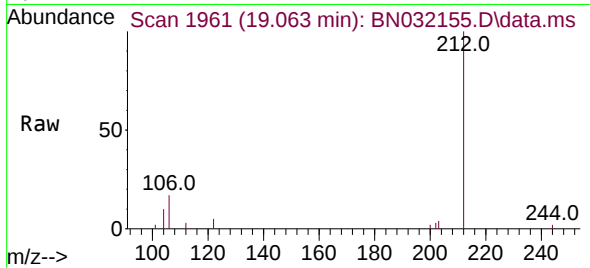
Tgt Ion:266 Resp: 39
Ion Ratio Lower Upper
266 100
264 123.1 50.0 75.0#
268 79.5 51.0 76.6#



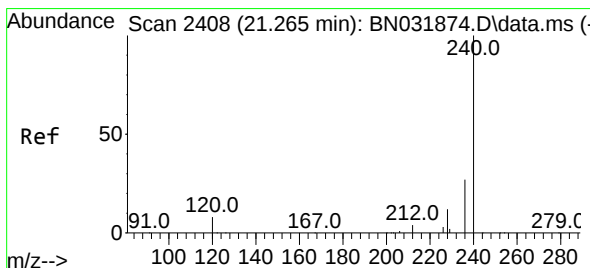
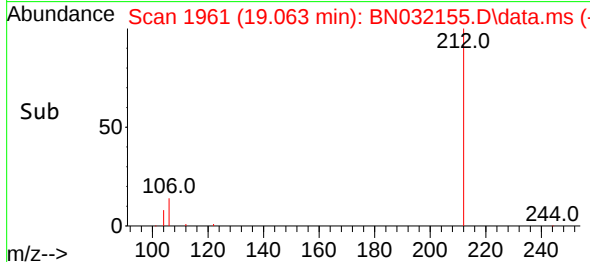
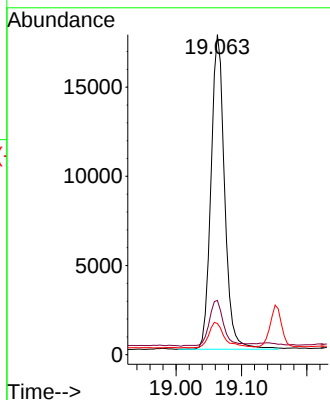


#27
Fluoranthene-d10
Concen: 0.189 ng
RT: 19.063 min Scan# 1961
Delta R.T. -0.009 min
Lab File: BN032155.D
Acq: 22 Jun 2024 06:11

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-510-512

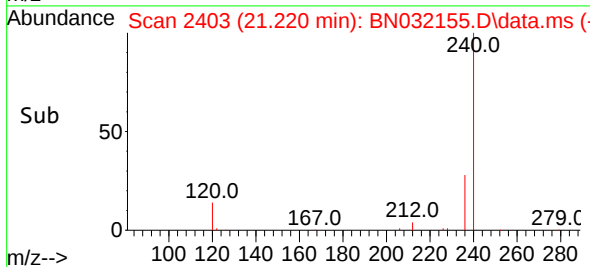
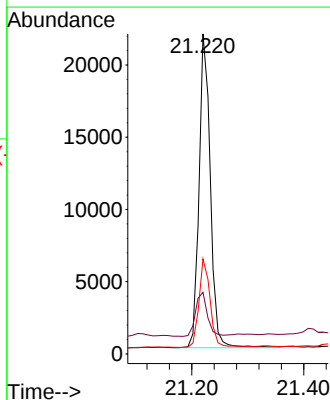
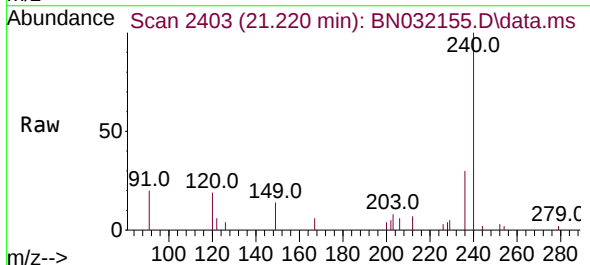


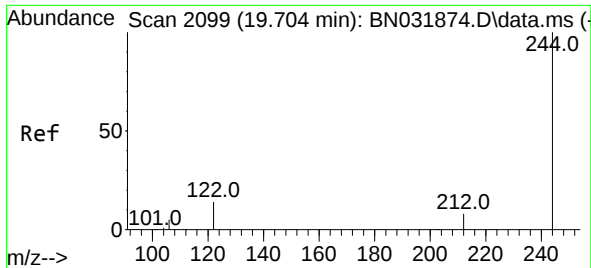
Tgt Ion:212 Resp: 25440
Ion Ratio Lower Upper
212 100
106 14.9 11.8 17.8
104 9.3 6.6 10.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.220 min Scan# 2403
Delta R.T. -0.009 min
Lab File: BN032155.D
Acq: 22 Jun 2024 06:11

Tgt Ion:240 Resp: 30341
Ion Ratio Lower Upper
240 100
120 19.3 8.2 12.4#
236 29.7 21.8 32.8

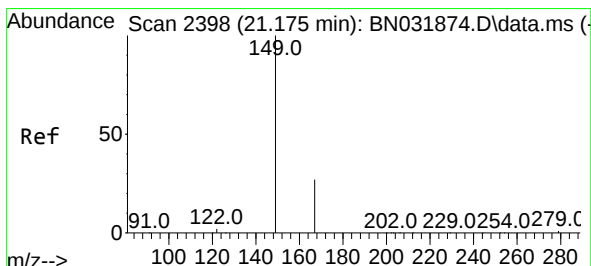
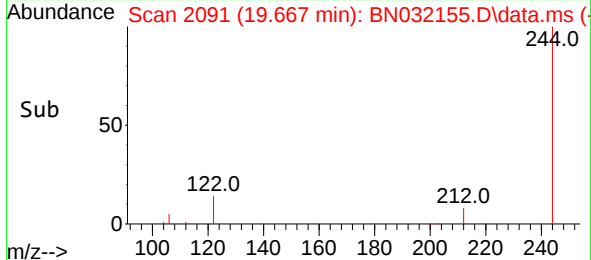
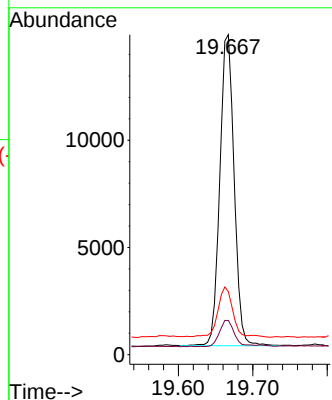
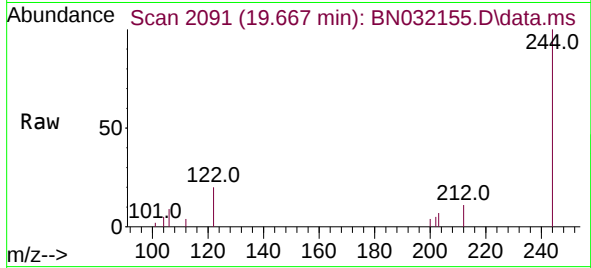




#31
 Terphenyl-d14
 Concen: 0.262 ng
 RT: 19.667 min Scan# 2099
 Delta R.T. -0.005 min
 Lab File: BN032155.D
 Acq: 22 Jun 2024 06:11

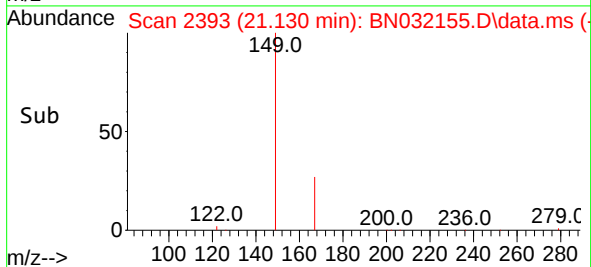
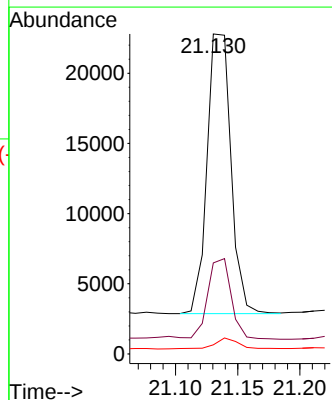
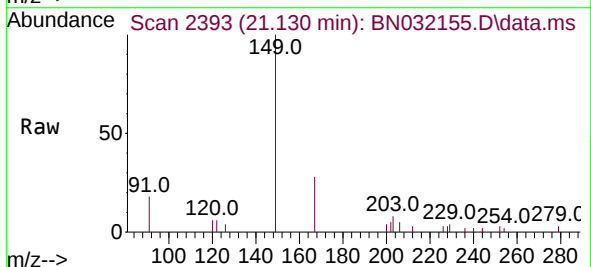
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-510-512

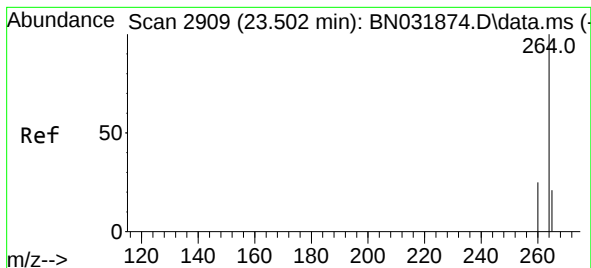
Tgt Ion:244 Resp: 19407
 Ion Ratio Lower Upper
 244 100
 212 10.7 6.5 9.7#
 122 19.7 11.4 17.0#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.343 ng
 RT: 21.130 min Scan# 2393
 Delta R.T. -0.018 min
 Lab File: BN032155.D
 Acq: 22 Jun 2024 06:11

Tgt Ion:149 Resp: 26747
 Ion Ratio Lower Upper
 149 100
 167 29.6 22.5 33.7
 279 4.0 2.9 4.3





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.443 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN032155.D

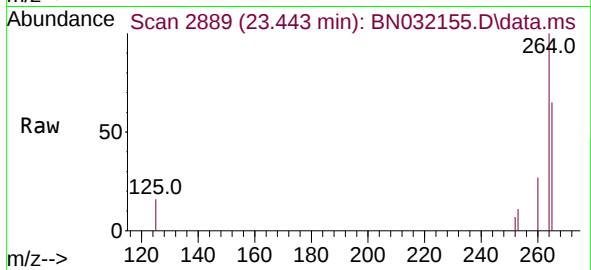
Acq: 22 Jun 2024 06:11

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-510-512



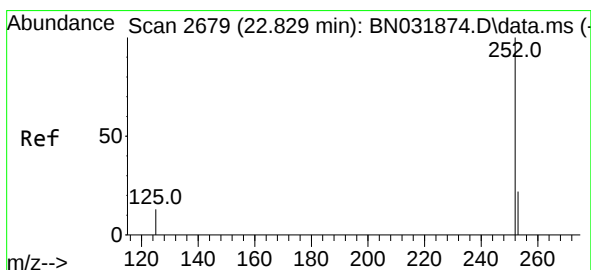
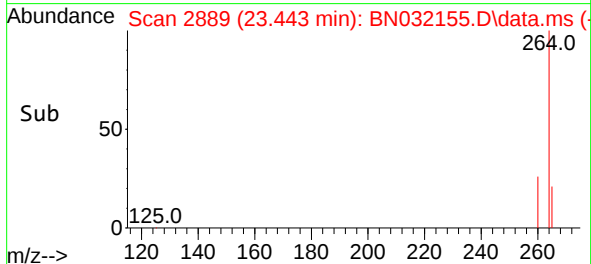
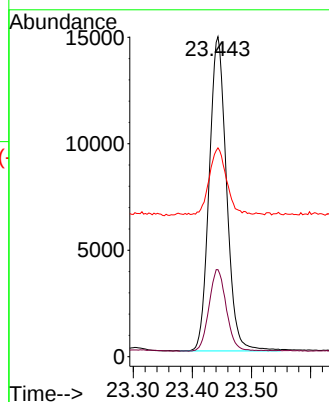
Tgt Ion:264 Resp: 30036

Ion Ratio Lower Upper

264 100

260 27.2 20.5 30.7

265 65.3 39.6 59.4#



#37

Benzo(b)fluoranthene

Concen: 0.031 ng

RT: 22.777 min Scan# 2661

Delta R.T. -0.009 min

Lab File: BN032155.D

Acq: 22 Jun 2024 06:11

Tgt Ion:252 Resp: 3387

Ion Ratio Lower Upper

252 100

253 93.2 20.2 30.2#

125 129.2 14.2 21.4#

