

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062124\
 Data File : BN032143.D
 Acq On : 21 Jun 2024 22:12
 Operator : MA/JU
 Sample : P2839-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 2

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-189-GW-318-320

Quant Time: Jun 24 01:49:54 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)

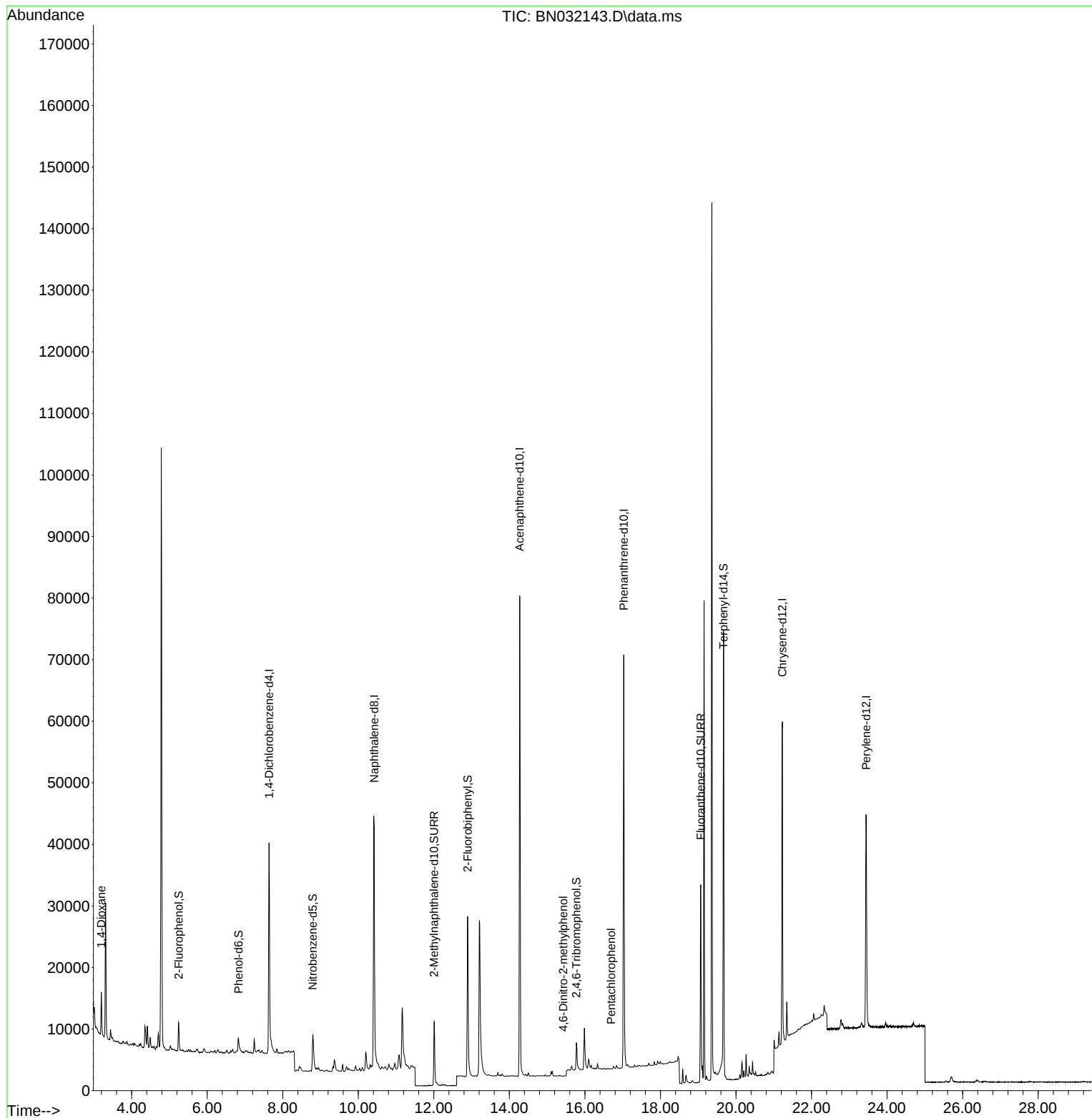
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.639	152	19394	0.800	ng	0.00
7) Naphthalene-d8	10.421	136	67296	0.800	ng	# 0.00
13) Acenaphthene-d10	14.274	164	45030	0.800	ng	-0.01
19) Phenanthrene-d10	17.028	188	92560	0.800	ng	0.00
29) Chrysene-d12	21.229	240	52965	0.800	ng	0.00
35) Perylene-d12	23.446	264	48044	0.800	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.248	112	4453	0.162	ng	0.00
5) Phenol-d6	6.830	99	3761	0.104	ng	0.00
8) Nitrobenzene-d5	8.798	82	7401	0.265	ng	0.00
11) 2-Methylnaphthalene-d10	12.009	152	16746	0.312	ng	-0.01
14) 2,4,6-Tribromophenol	15.775	330	3200	0.297	ng	-0.01
15) 2-Fluorobiphenyl	12.895	172	27144	0.318	ng	-0.01
27) Fluoranthene-d10	19.068	212	38696	0.307	ng	0.00
31) Terphenyl-d14	19.667	244	32284	0.499	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.197	88	4684	0.394	ng	# 94
20) 4,6-Dinitro-2-methylph...	15.429	198	8	0.350	ng	# 1
24) Pentachlorophenol	16.693	266	59	0.344	ng	# 49
34) Bis(2-ethylhexyl)phtha...	21.139	149	2625	0.039	ng	# 99
37) Benzo(b)fluoranthene	22.782	252	2055	0.023	ng	# 1

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

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BP-VPB-189-GW-318-320

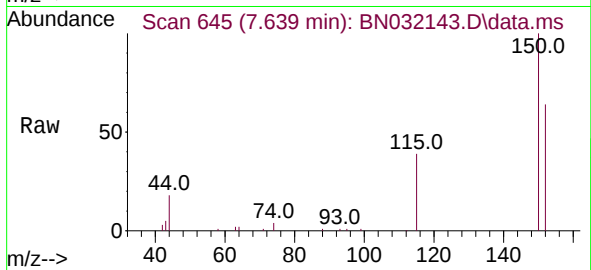
Quant Time: Jun 24 01:49:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
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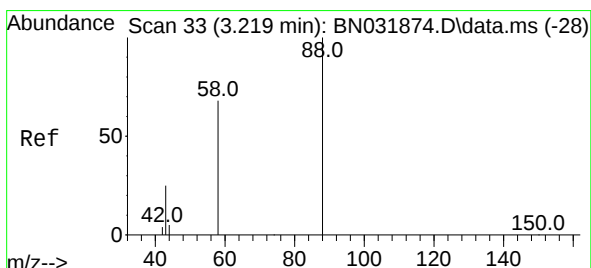
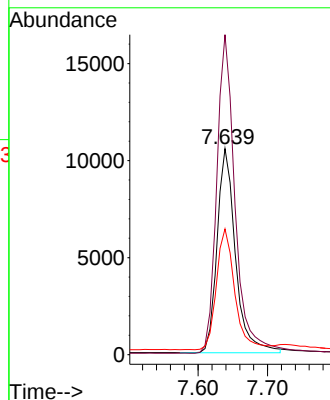
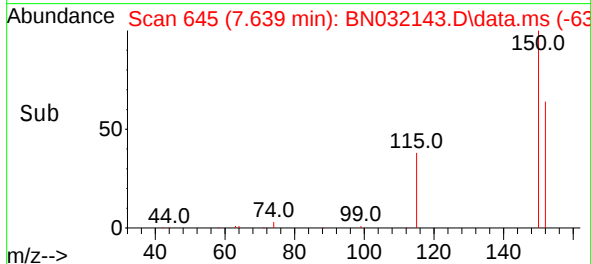


#1
1,4-Dichlorobenzene-d4
Concen: 0.800 ng
RT: 7.639 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN032143.D
Acq: 21 Jun 2024 22:12

Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-318-320

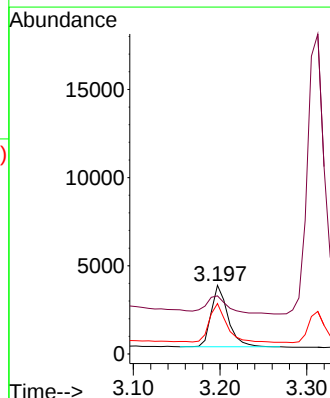
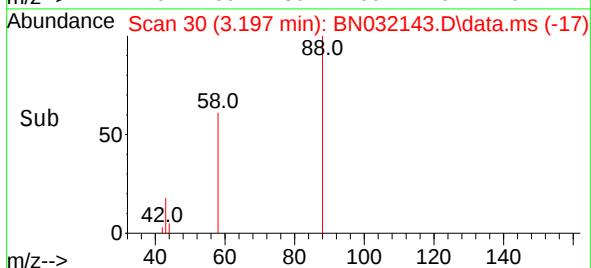
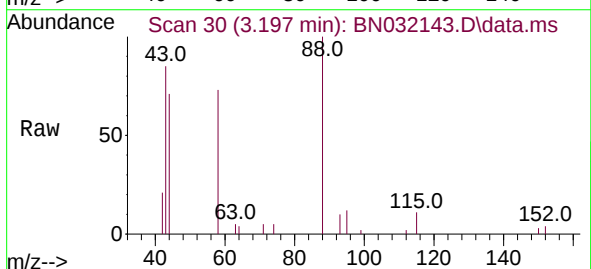


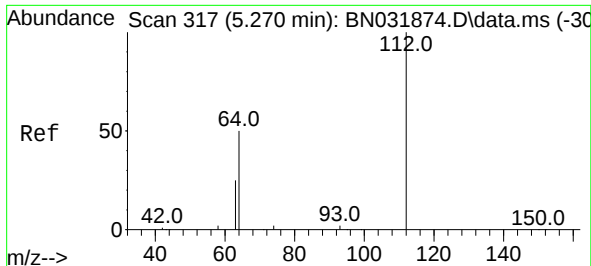
Tgt Ion:152 Resp: 19394
Ion Ratio Lower Upper
152 100
150 155.3 121.0 181.4
115 61.0 49.4 74.0



#2
1,4-Dioxane
Concen: 0.394 ng
RT: 3.197 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN032143.D
Acq: 21 Jun 2024 22:12

Tgt Ion: 88 Resp: 4684
Ion Ratio Lower Upper
88 100
43 38.1 22.7 34.1#
58 63.9 51.3 76.9

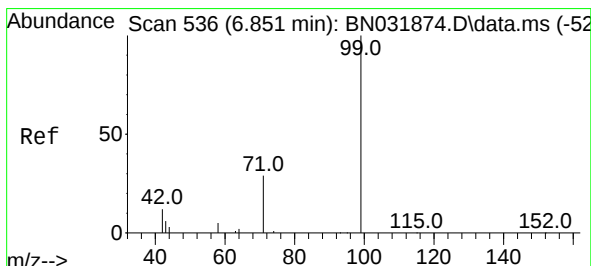
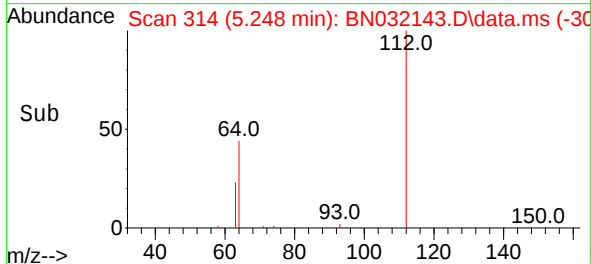
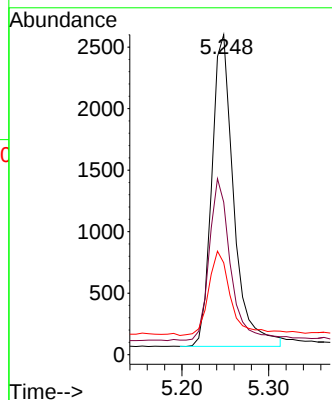
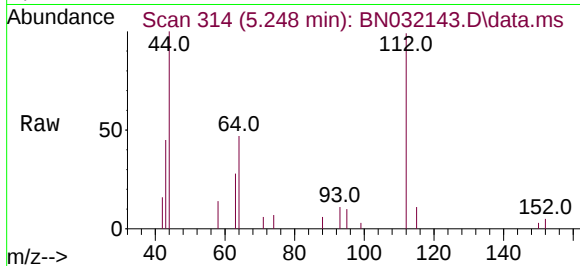




#4
2-Fluorophenol
Concen: 0.162 ng
RT: 5.248 min Scan# 317
Delta R.T. -0.000 min
Lab File: BN032143.D
Acq: 21 Jun 2024 22:12

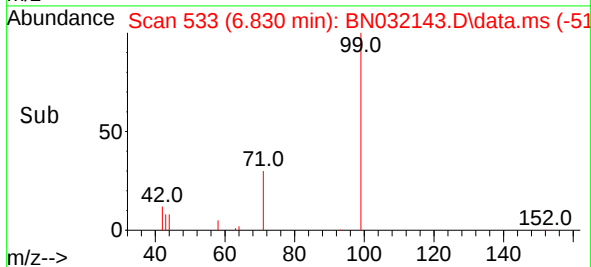
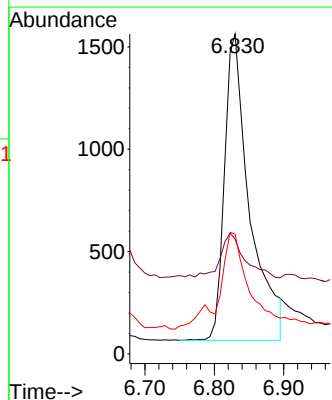
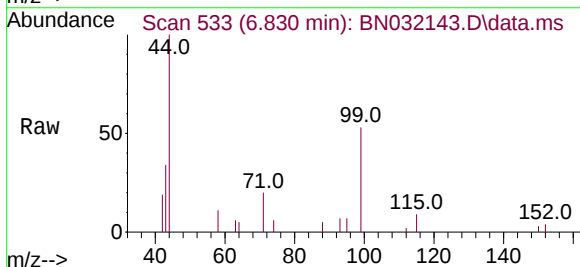
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-318-320

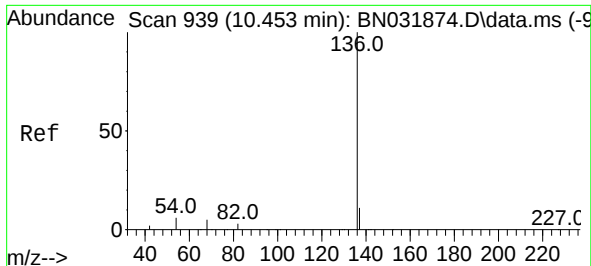
Tgt Ion:112 Resp: 4453
Ion Ratio Lower Upper
112 100
64 50.7 42.4 63.6
63 27.8 22.1 33.1



#5
Phenol-d6
Concen: 0.104 ng
RT: 6.830 min Scan# 533
Delta R.T. -0.000 min
Lab File: BN032143.D
Acq: 21 Jun 2024 22:12

Tgt Ion: 99 Resp: 3761
Ion Ratio Lower Upper
99 100
42 14.0 12.8 19.2
71 26.2 25.4 38.2

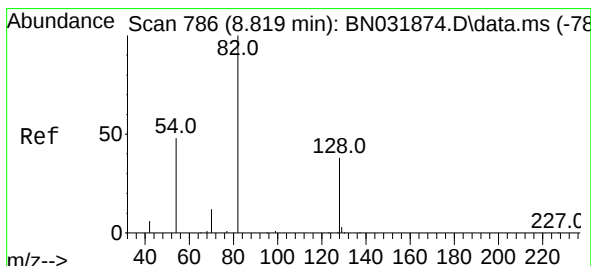
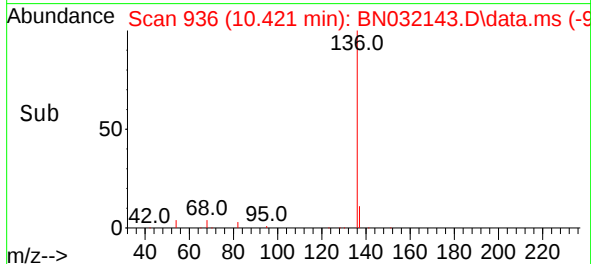
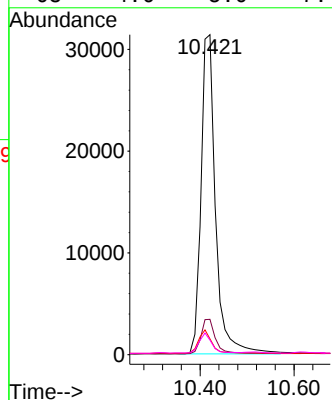
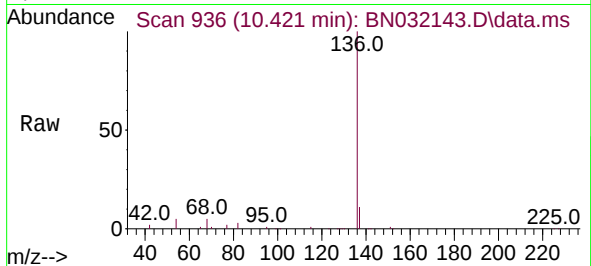




#7
Naphthalene-d8
Concen: 0.800 ng
RT: 10.421 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN032143.D
Acq: 21 Jun 2024 22:12

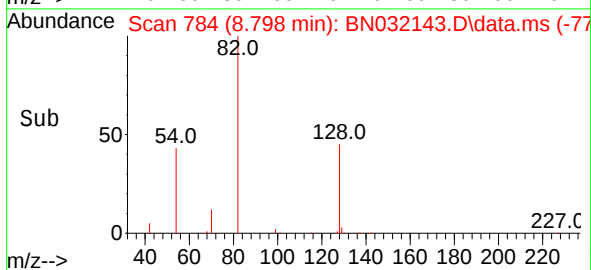
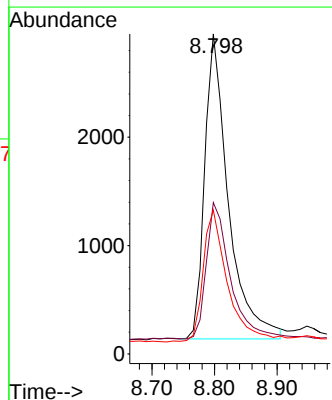
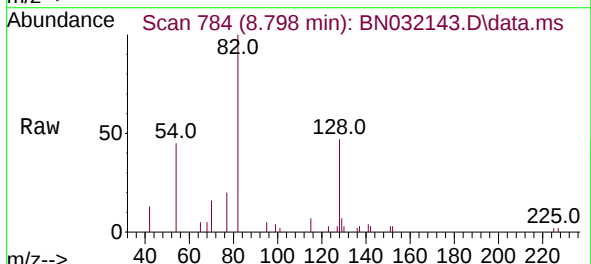
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-318-320

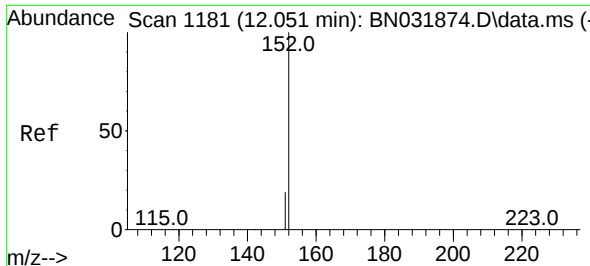
Tgt Ion:136 Resp: 67296
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 4.9 5.6 8.4#
68 4.6 5.0 7.4#



#8
Nitrobenzene-d5
Concen: 0.265 ng
RT: 8.798 min Scan# 784
Delta R.T. -0.000 min
Lab File: BN032143.D
Acq: 21 Jun 2024 22:12

Tgt Ion: 82 Resp: 7401
Ion Ratio Lower Upper
82 100
128 47.3 32.1 48.1
54 44.9 39.7 59.5





#11

2-Methylnaphthalene-d10

Concen: 0.312 ng

RT: 12.009 min Scan# 1181

Delta R.T. -0.011 min

Lab File: BN032143.D

Acq: 21 Jun 2024 22:12

Instrument :

BNA_N

ClientSampleId :

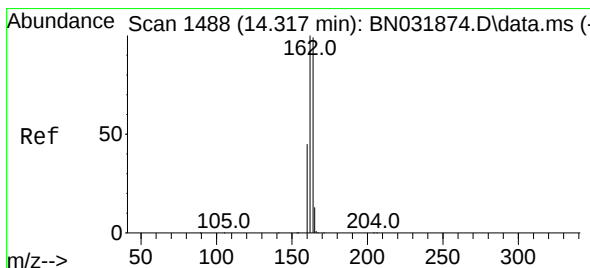
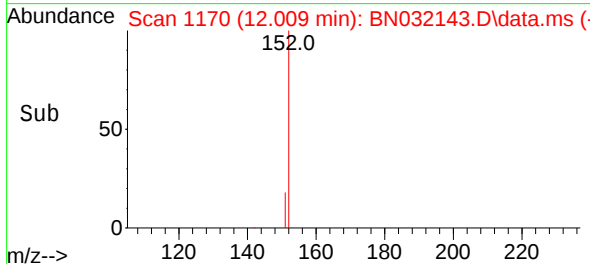
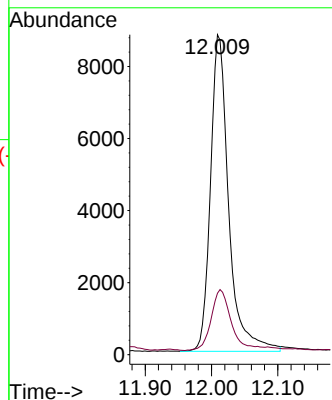
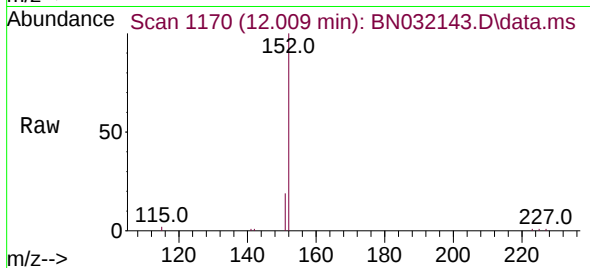
BP-VPB-189-GW-318-320

Tgt Ion:152 Resp: 16746

Ion Ratio Lower Upper

152 100

151 21.4 16.3 24.5



#13

Acenaphthene-d10

Concen: 0.800 ng

RT: 14.274 min Scan# 1484

Delta R.T. -0.011 min

Lab File: BN032143.D

Acq: 21 Jun 2024 22:12

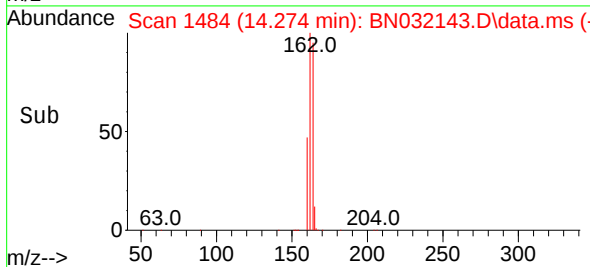
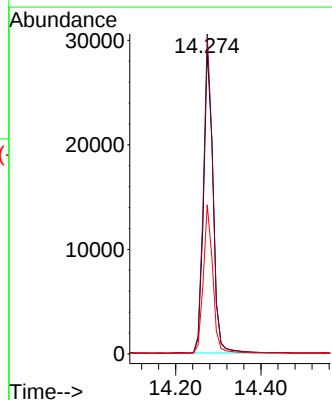
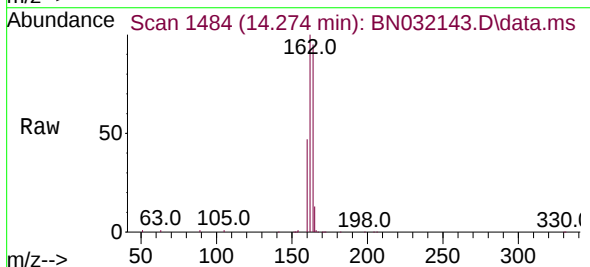
Tgt Ion:164 Resp: 45030

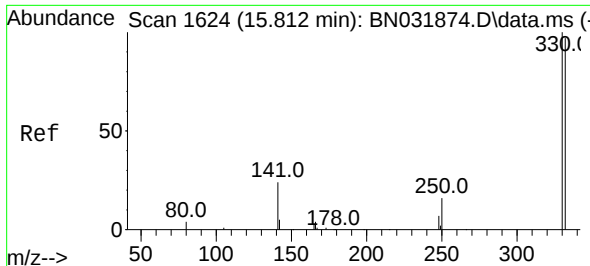
Ion Ratio Lower Upper

164 100

162 105.3 80.7 121.1

160 49.1 36.2 54.4

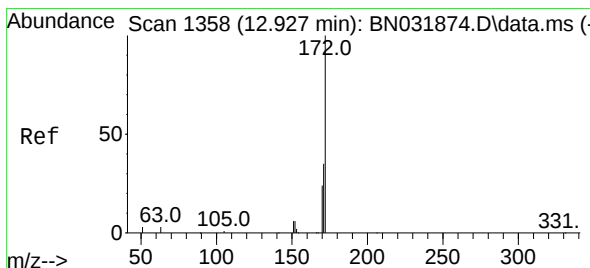
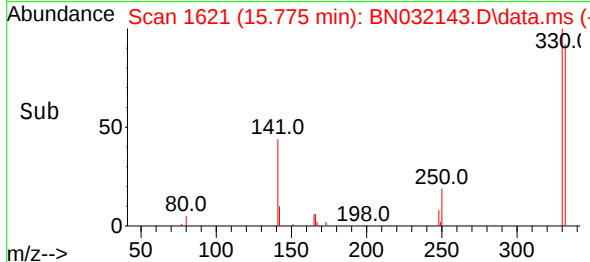
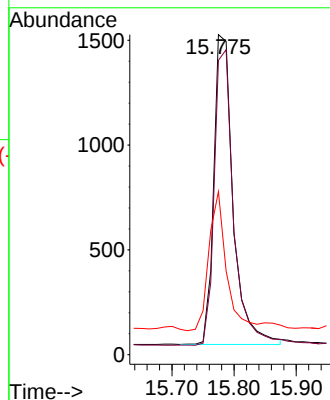
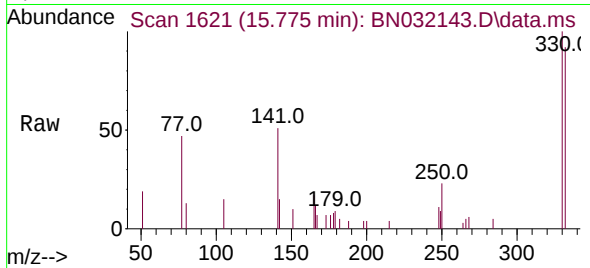




#14
2,4,6-Tribromophenol
Concen: 0.297 ng
RT: 15.775 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN032143.D
Acq: 21 Jun 2024 22:12

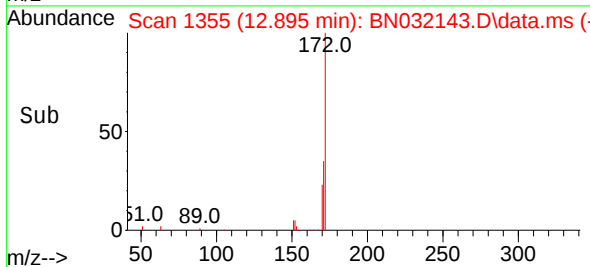
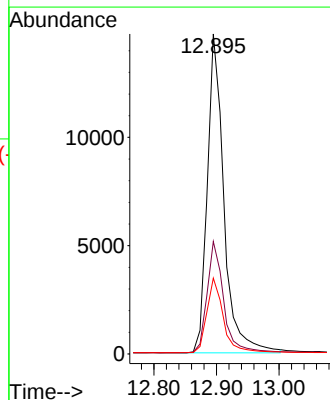
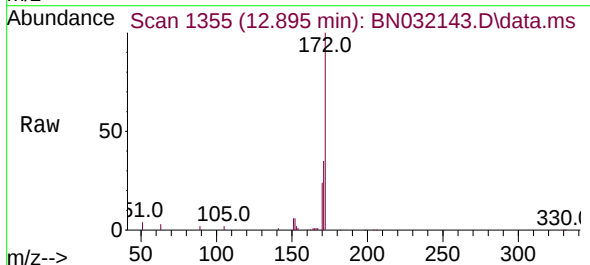
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-318-320

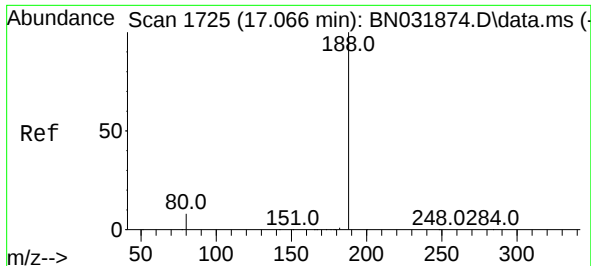
Tgt Ion:330 Resp: 3200
Ion Ratio Lower Upper
330 100
332 95.6 77.5 116.3
141 43.3 34.7 52.1



#15
2-Fluorobiphenyl
Concen: 0.318 ng
RT: 12.895 min Scan# 1355
Delta R.T. -0.011 min
Lab File: BN032143.D
Acq: 21 Jun 2024 22:12

Tgt Ion:172 Resp: 27144
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.7 19.2 28.8





#19

Phenanthrene-d10

Concen: 0.800 ng

RT: 17.028 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN032143.D

Acq: 21 Jun 2024 22:12

Instrument :

BNA_N

ClientSampleId :

BP-VPB-189-GW-318-320

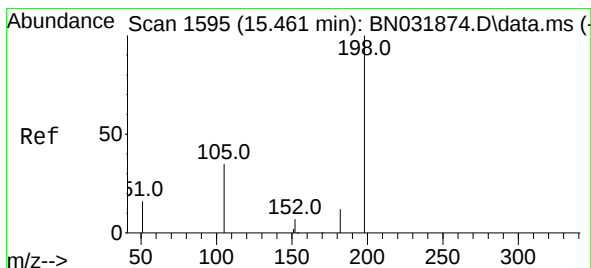
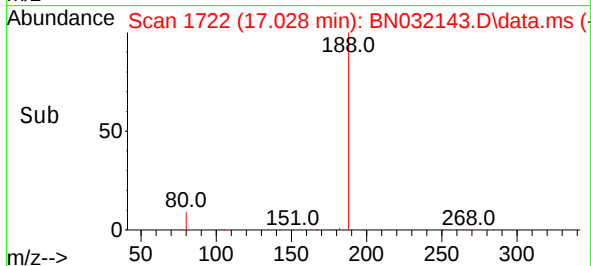
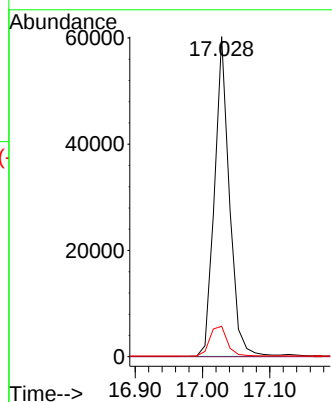
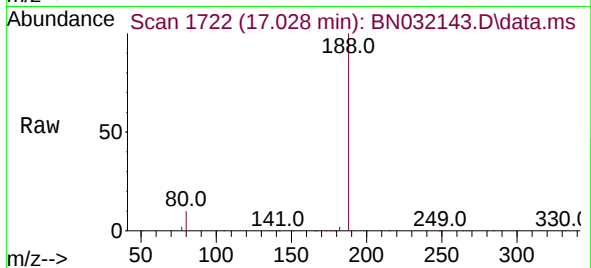
Tgt Ion:188 Resp: 92560

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.5 6.4 9.6



#20

4,6-Dinitro-2-methylphenol

Concen: 0.350 ng

RT: 15.429 min Scan# 1592

Delta R.T. -0.011 min

Lab File: BN032143.D

Acq: 21 Jun 2024 22:12

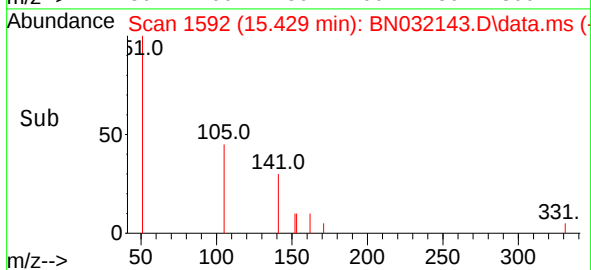
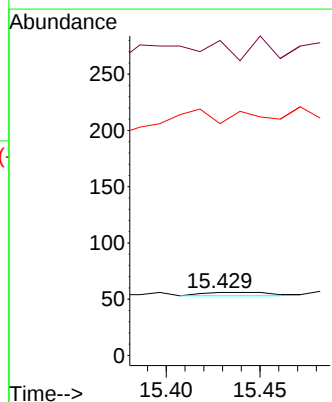
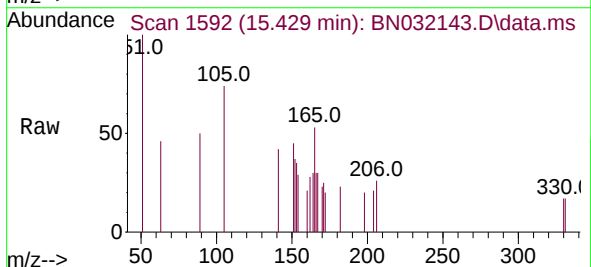
Tgt Ion:198 Resp: 8

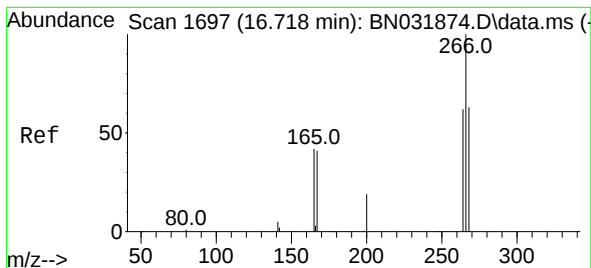
Ion Ratio Lower Upper

198 100

51 500.0 42.7 64.1#

105 367.9 41.8 62.8#





#24

Pentachlorophenol

Concen: 0.344 ng

RT: 16.693 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN032143.D

Acq: 21 Jun 2024 22:12

Instrument :

BNA_N

ClientSampleId :

BP-VPB-189-GW-318-320

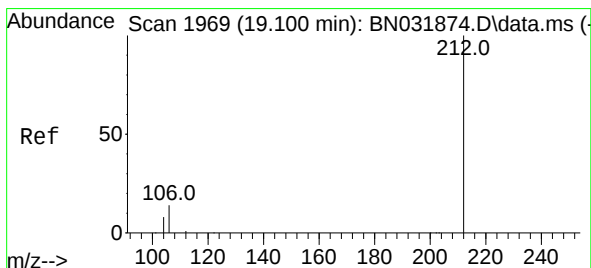
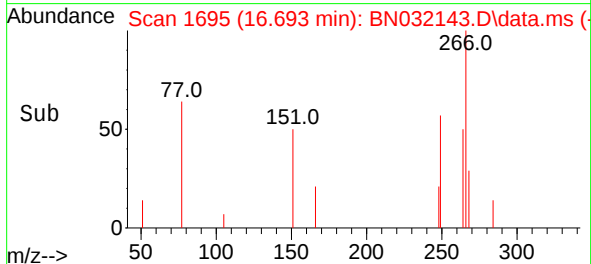
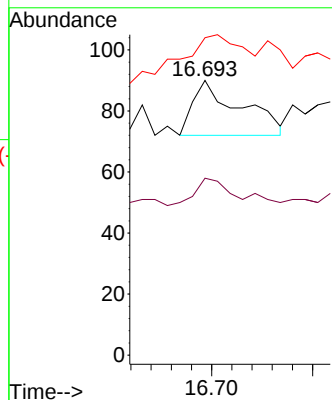
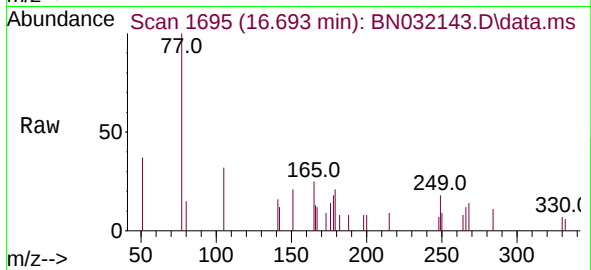
Tgt Ion:266 Resp: 59

Ion Ratio Lower Upper

266 100

264 42.4 50.0 75.0#

268 122.0 51.0 76.6#



#27

Fluoranthene-d10

Concen: 0.307 ng

RT: 19.068 min Scan# 1962

Delta R.T. -0.005 min

Lab File: BN032143.D

Acq: 21 Jun 2024 22:12

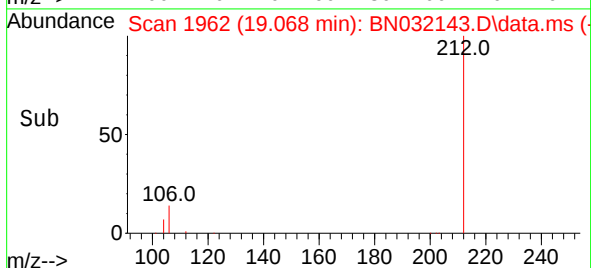
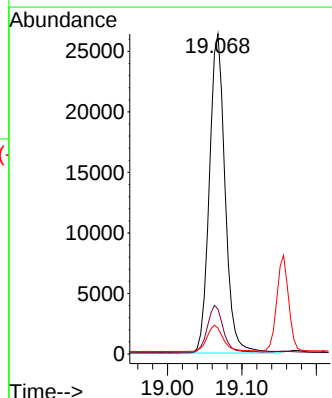
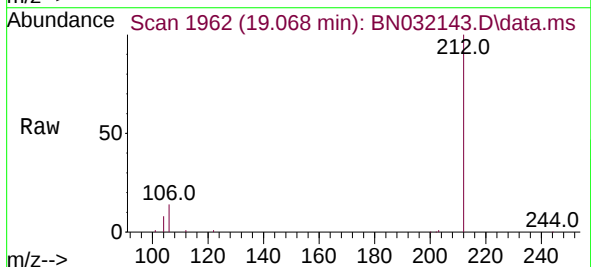
Tgt Ion:212 Resp: 38696

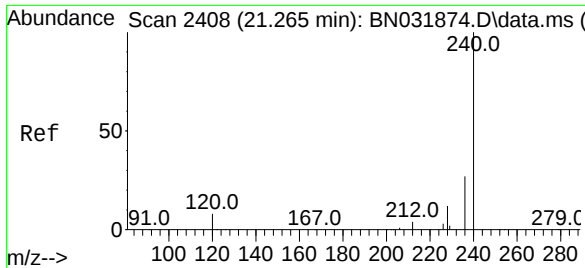
Ion Ratio Lower Upper

212 100

106 14.6 11.8 17.8

104 8.4 6.6 10.0

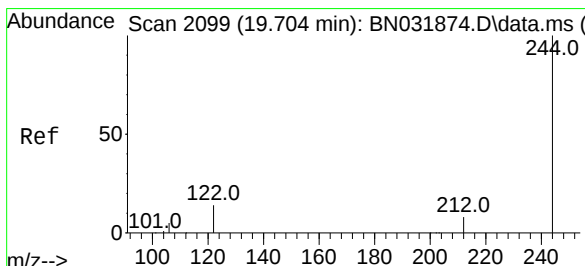
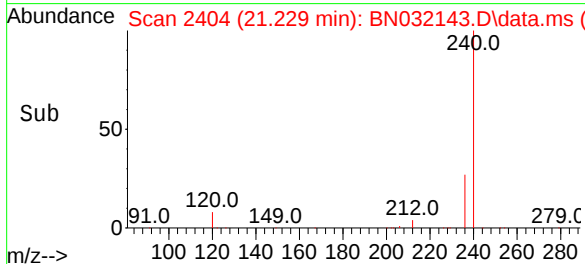
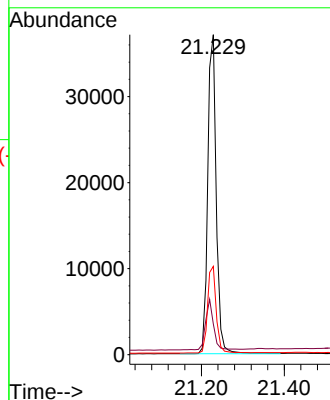
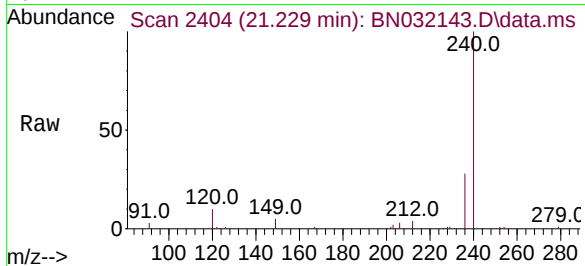




#29
Chrysene-d12
Concen: 0.800 ng
RT: 21.229 min Scan# 2404
Delta R.T. -0.000 min
Lab File: BN032143.D
Acq: 21 Jun 2024 22:12

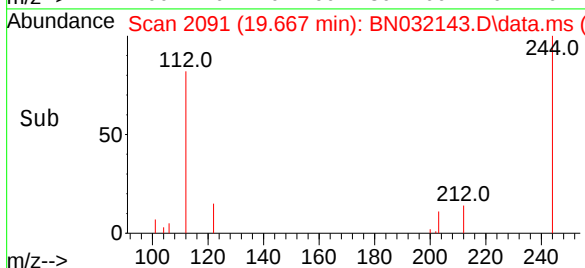
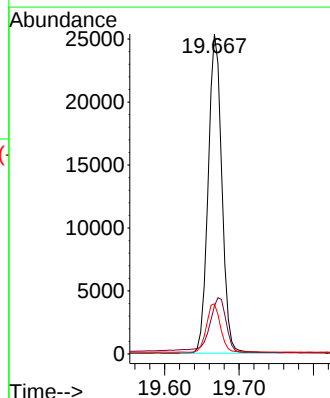
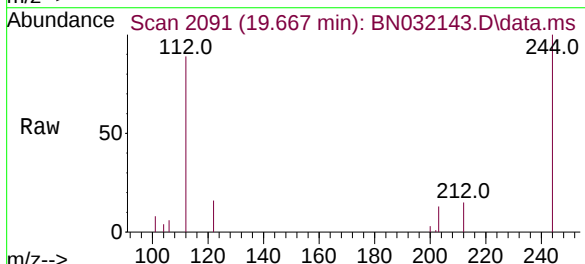
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-318-320

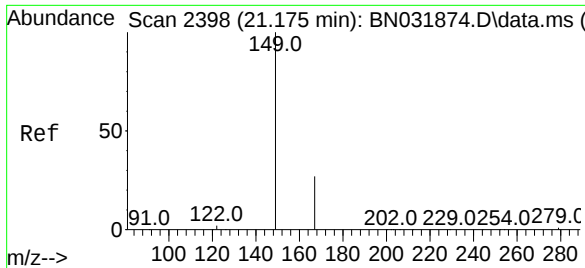
Tgt Ion:240 Resp: 52965
Ion Ratio Lower Upper
240 100
120 9.6 8.2 12.4
236 27.6 21.8 32.8



#31
Terphenyl-d14
Concen: 0.499 ng
RT: 19.667 min Scan# 2091
Delta R.T. -0.005 min
Lab File: BN032143.D
Acq: 21 Jun 2024 22:12

Tgt Ion:244 Resp: 32284
Ion Ratio Lower Upper
244 100
212 15.0 6.5 9.7#
122 15.7 11.4 17.0

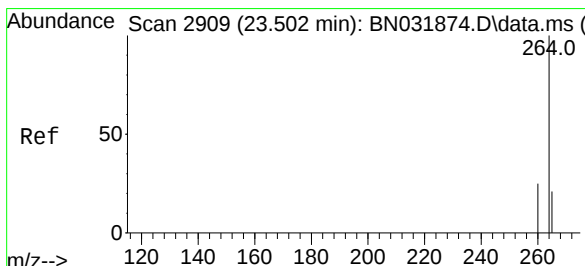
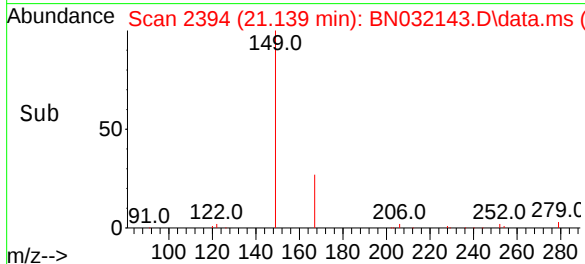
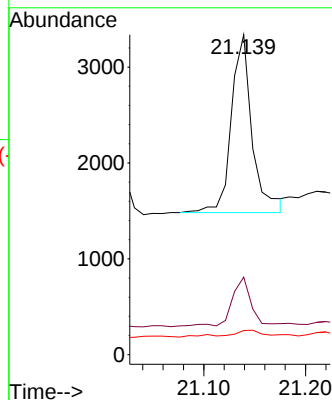
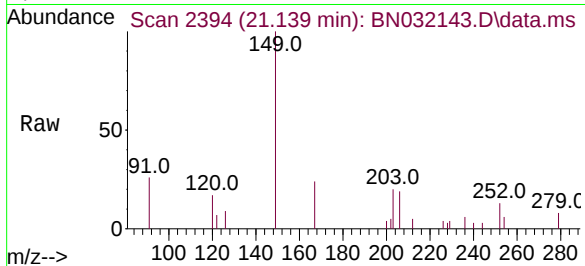




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.039 ng
 RT: 21.139 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN032143.D
 Acq: 21 Jun 2024 22:12

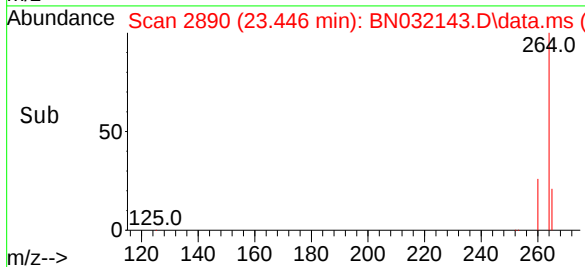
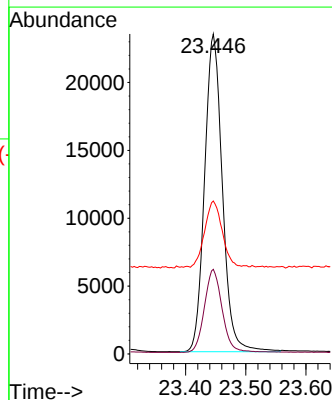
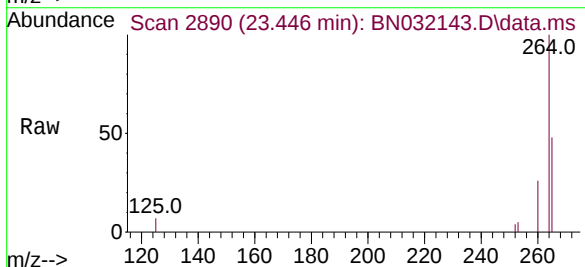
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-189-GW-318-320

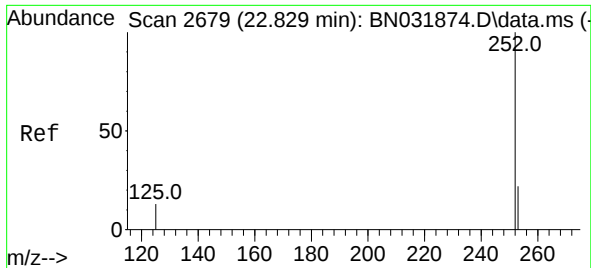
Tgt Ion:149 Resp: 2625
 Ion Ratio Lower Upper
 149 100
 167 28.2 22.5 33.7
 279 4.8 2.9 4.3#



#35
 Perylene-d12
 Concen: 0.800 ng
 RT: 23.446 min Scan# 2890
 Delta R.T. -0.006 min
 Lab File: BN032143.D
 Acq: 21 Jun 2024 22:12

Tgt Ion:264 Resp: 48044
 Ion Ratio Lower Upper
 264 100
 260 26.5 20.5 30.7
 265 47.8 39.6 59.4





#37

Benzo(b)fluoranthene

Concen: 0.023 ng

RT: 22.782 min Scan# 2055

Delta R.T. -0.003 min

Lab File: BN032143.D

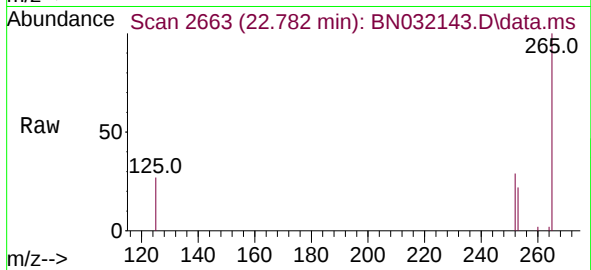
Acq: 21 Jun 2024 22:12

Instrument :

BNA_N

ClientSampleId :

BP-VPB-189-GW-318-320



Tgt Ion:252 Resp: 2055

Ion Ratio Lower Upper

252 100

253 73.3 20.2 30.2#

125 91.1 14.2 21.4#

