

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
 Data File : BN034528.D
 Acq On : 10 Oct 2024 19:19
 Operator : RC/JU
 Sample : P4263-10
 Misc :
 ALS Vial : 104 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20241001

Quant Time: Oct 11 00:22:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 00:21:08 2024
 Response via : Initial Calibration

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

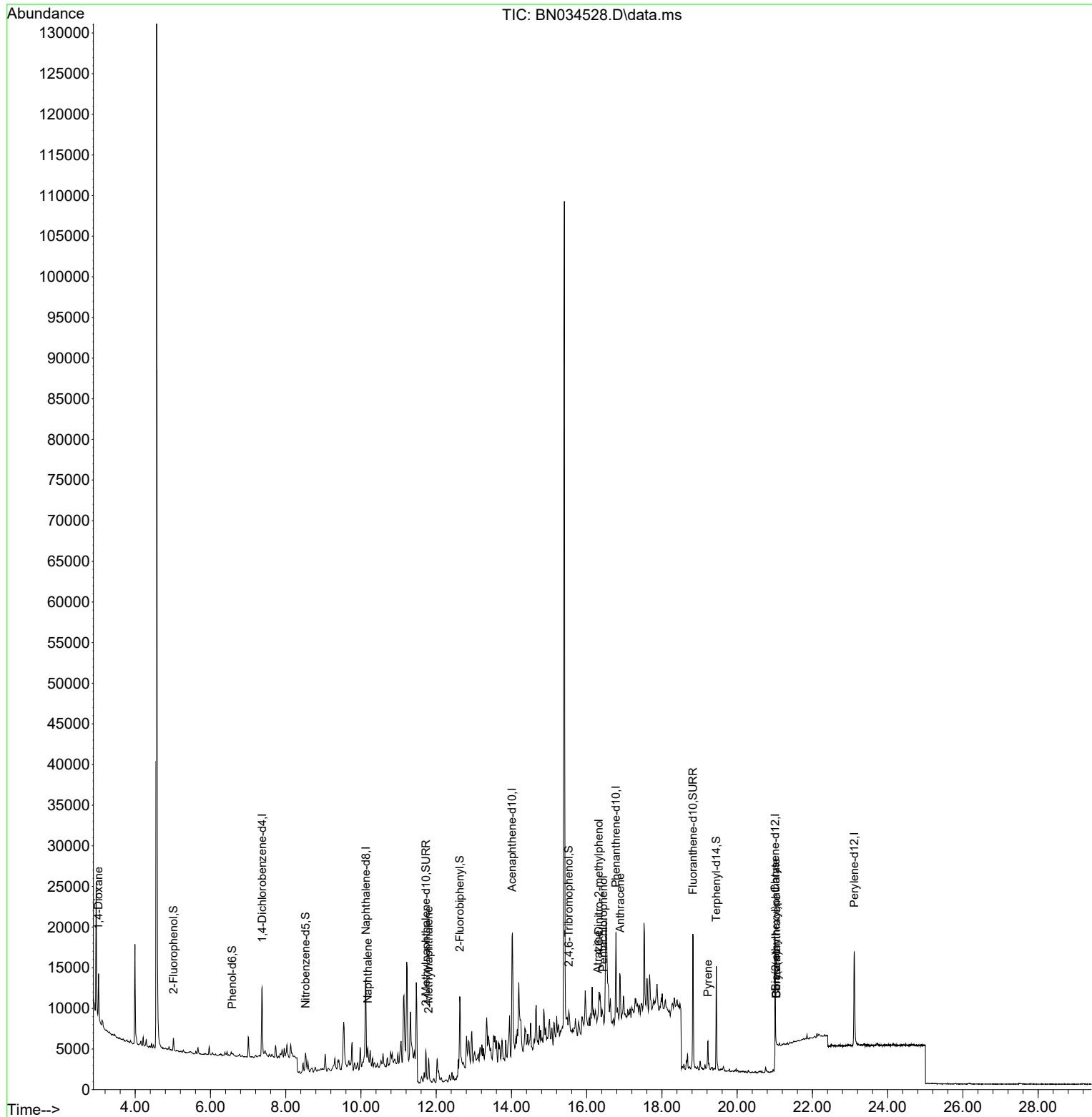
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.373	152	4220	0.400	ng	0.00
7) Naphthalene-d8	10.127	136	11964	0.400	ng	# 0.00
13) Acenaphthene-d10	14.015	164	7259	0.400	ng	# 0.00
19) Phenanthrene-d10	16.778	188	14678	0.400	ng	# 0.00
29) Chrysene-d12	21.006	240	9374	0.400	ng	# 0.00
35) Perylene-d12	23.111	264	14874	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	1274	0.106	ng	0.00
5) Phenol-d6	6.578	99	536	0.038	ng	0.00
8) Nitrobenzene-d5	8.525	82	2136	0.233	ng	0.01
11) 2-Methylnaphthalene-d10	11.723	152	6036	0.342	ng	0.00
14) 2,4,6-Tribromophenol	15.525	330	1272	0.387	ng	-0.01
15) 2-Fluorobiphenyl	12.626	172	9396	0.318	ng	-0.01
27) Fluoranthene-d10	18.827	212	17699	0.478	ng	0.00
31) Terphenyl-d14	19.445	244	11958	0.639	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	3159	0.599	ng	# 83
9) Naphthalene	10.180	128	1949	0.059	ng	# 53
12) 2-Methylnaphthalene	11.799	142	2537	0.119	ng	# 94
20) 4,6-Dinitro-2-methylph...	16.319	198	1743	0.778	ng	# 36
23) Atrazine	16.294	200	171	0.025	ng	# 6
24) Pentachlorophenol	16.443	266	155	0.051	ng	# 82
26) Anthracene	16.890	178	696	0.020	ng	# 1
30) Pyrene	19.222	202	3283	0.083	ng	97
32) Benzo(a)anthracene	21.042	228	769	0.026	ng	# 1
33) Chrysene	21.042	228	926	0.026	ng	# 3
34) Bis(2-ethylhexyl)phtha...	21.024	149	1816	0.147	ng	# 80

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

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RE123D1-20241001

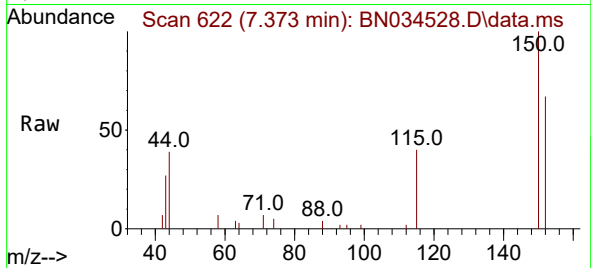
Quant Time: Oct 11 00:22:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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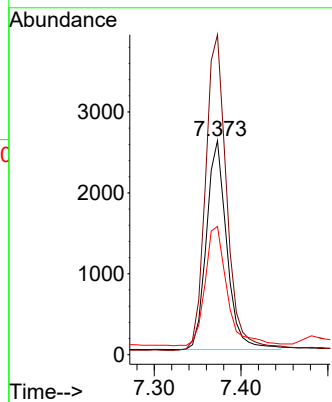
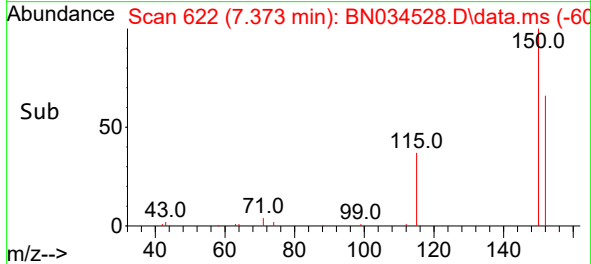


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.373 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN034528.D
Acq: 10 Oct 2024 19:19

Instrument :
BNA_N
ClientSampleId :
RE123D1-20241001

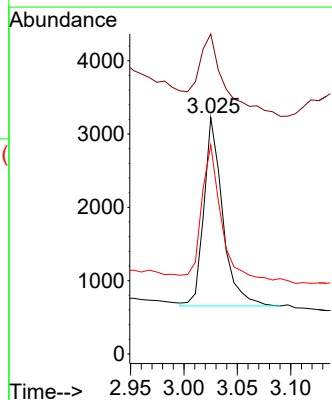
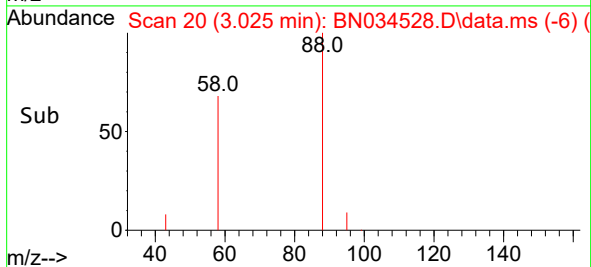
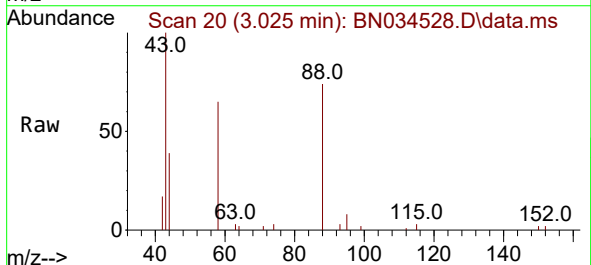


Tgt Ion:152 Resp: 4220
Ion Ratio Lower Upper
152 100
150 149.5 124.6 187.0
115 59.8 50.0 75.0



#2
1,4-Dioxane
Concen: 0.599 ng
RT: 3.025 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN034528.D
Acq: 10 Oct 2024 19:19

Tgt Ion: 88 Resp: 3159
Ion Ratio Lower Upper
88 100
43 60.0 25.8 38.8#
58 75.4 58.8 88.2

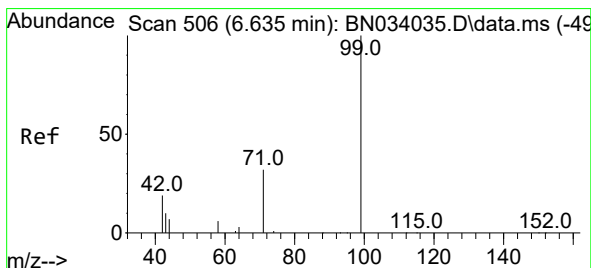
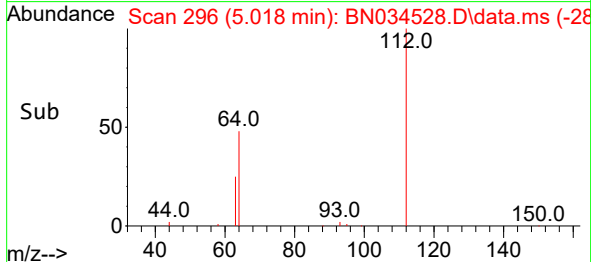
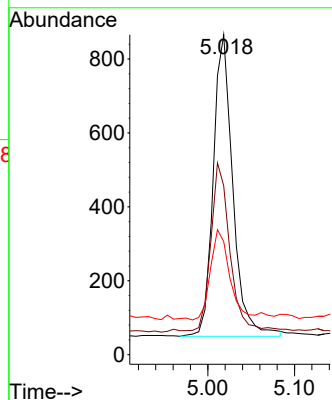
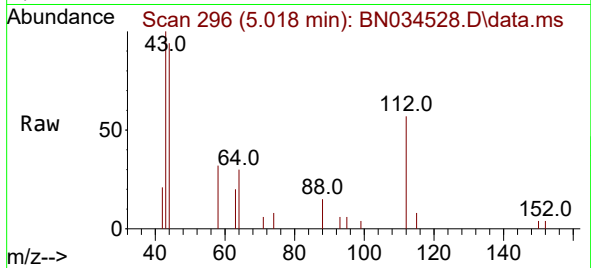




#4
2-Fluorophenol
Concen: 0.106 ng
RT: 5.018 min Scan# 24
Delta R.T. 0.007 min
Lab File: BN034528.D
Acq: 10 Oct 2024 19:19

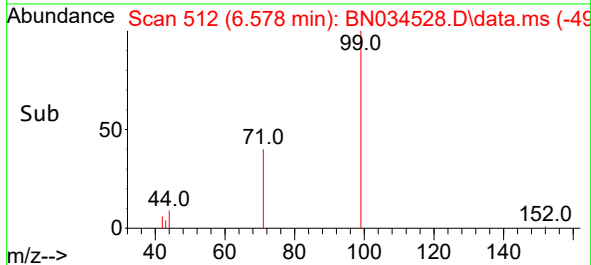
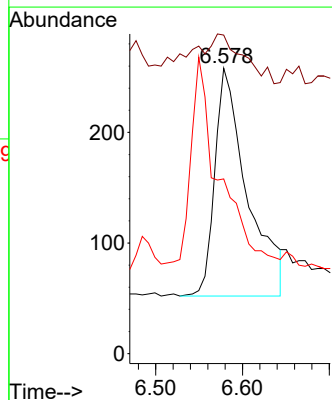
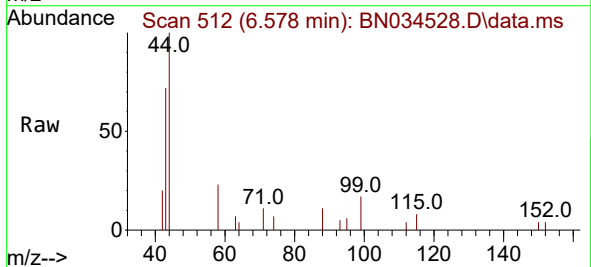
Instrument :
BNA_N
ClientSampleId :
RE123D1-20241001

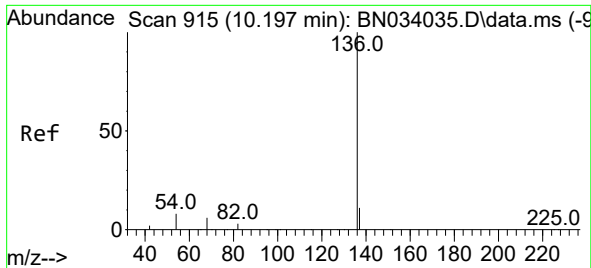
Tgt Ion:112 Resp: 1274
Ion Ratio Lower Upper
112 100
64 53.5 48.6 72.8
63 29.4 25.6 38.4



#5
Phenol-d6
Concen: 0.038 ng
RT: 6.578 min Scan# 512
Delta R.T. 0.007 min
Lab File: BN034528.D
Acq: 10 Oct 2024 19:19

Tgt Ion: 99 Resp: 536
Ion Ratio Lower Upper
99 100
42 36.8 17.8 26.8#
71 0.0 26.2 39.2#

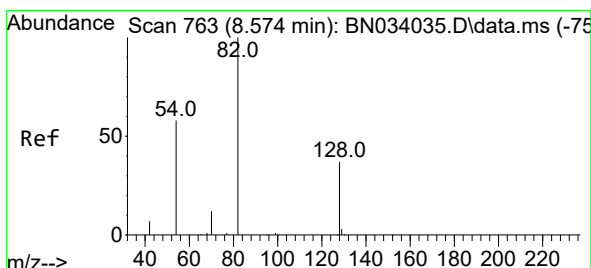
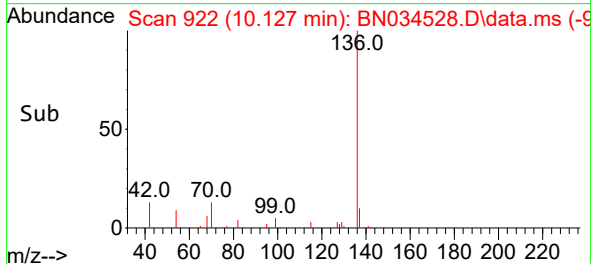
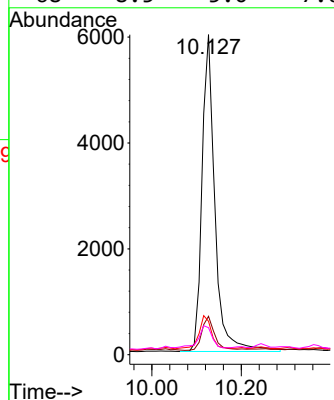
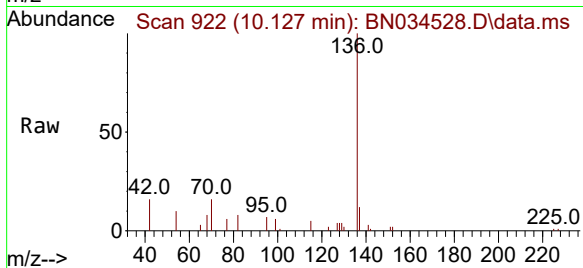




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.127 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN034528.D
Acq: 10 Oct 2024 19:19

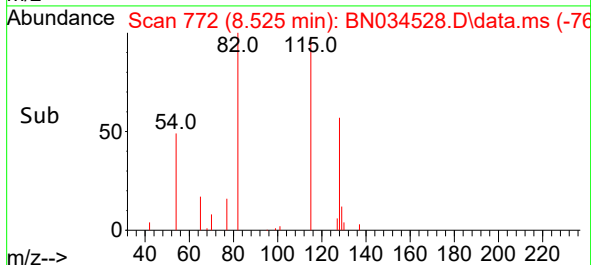
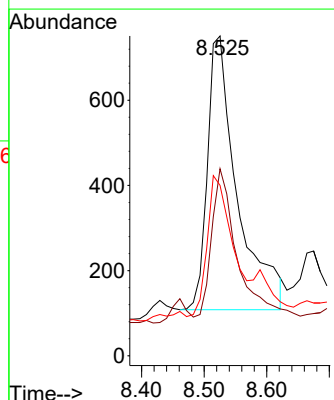
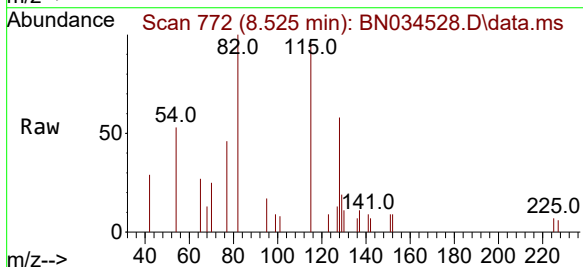
Instrument :
BNA_N
ClientSampleId :
RE123D1-20241001

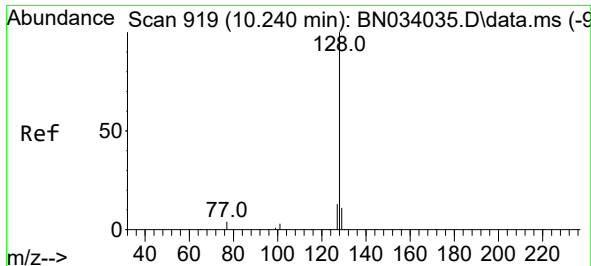
Tgt Ion:	136	Resp:	11964
Ion Ratio	Lower	Upper	
136	100		
137	12.0	9.0	13.6
54	10.5	6.8	10.2#
68	8.5	5.0	7.6#



#8
Nitrobenzene-d5
Concen: 0.233 ng
RT: 8.525 min Scan# 772
Delta R.T. 0.011 min
Lab File: BN034528.D
Acq: 10 Oct 2024 19:19

Tgt Ion:	82	Resp:	2136
Ion Ratio	Lower	Upper	
82	100		
128	58.5	31.4	47.2#
54	53.3	47.4	71.0

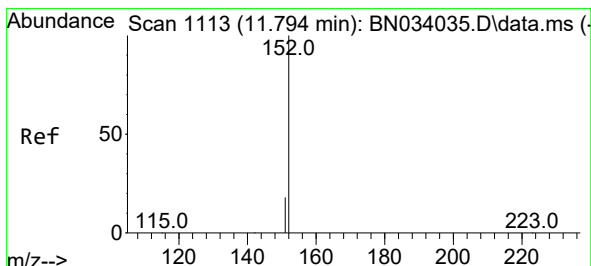
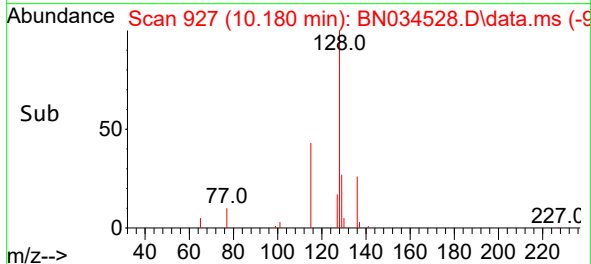
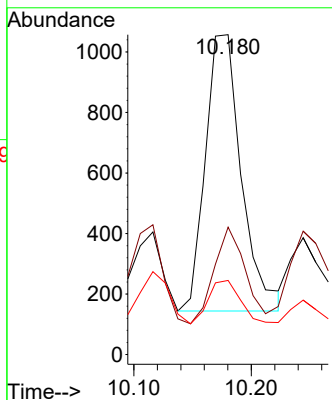
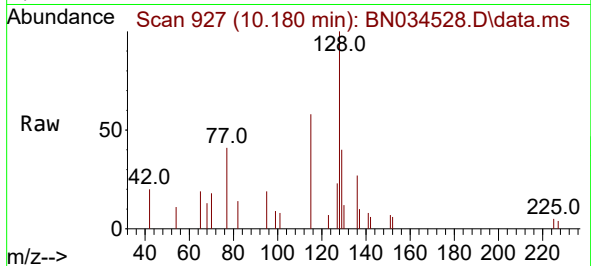




#9
Naphthalene
Concen: 0.059 ng
RT: 10.180 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN034528.D
Acq: 10 Oct 2024 19:19

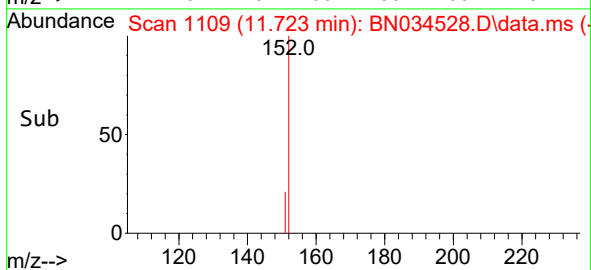
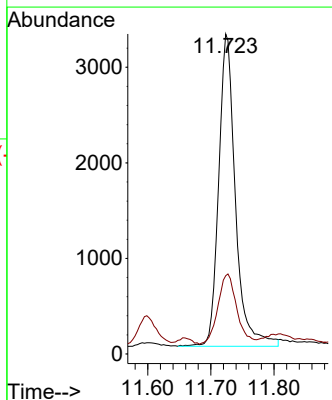
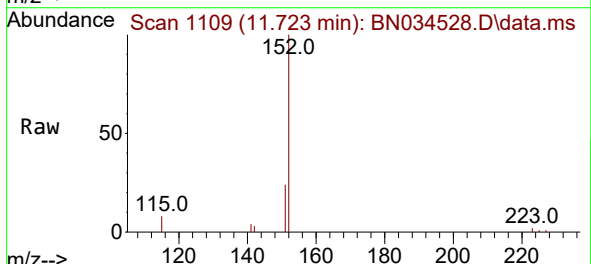
Instrument :
BNA_N
ClientSampleId :
RE123D1-20241001

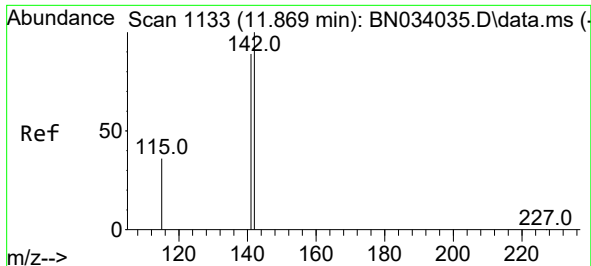
Tgt Ion:128 Resp: 1949
Ion Ratio Lower Upper
128 100
129 39.8 9.2 13.8#
127 23.2 10.7 16.1#



#11
2-Methylnaphthalene-d10
Concen: 0.342 ng
RT: 11.723 min Scan# 1109
Delta R.T. -0.004 min
Lab File: BN034528.D
Acq: 10 Oct 2024 19:19

Tgt Ion:152 Resp: 6036
Ion Ratio Lower Upper
152 100
151 25.5 16.8 25.2#

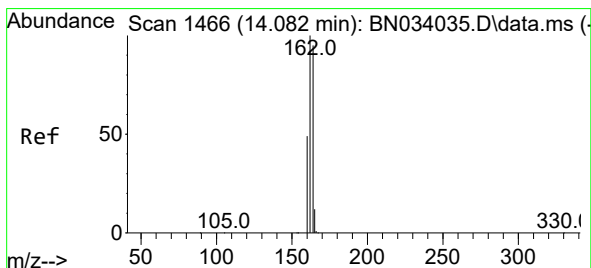
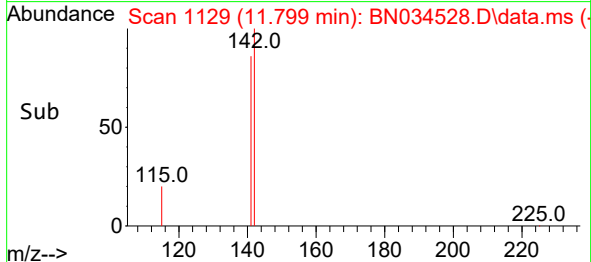
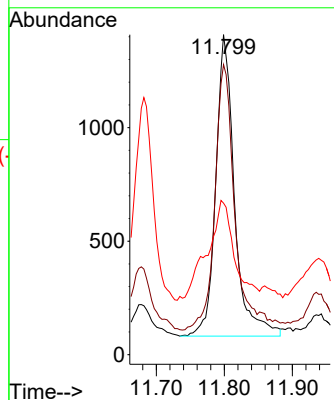
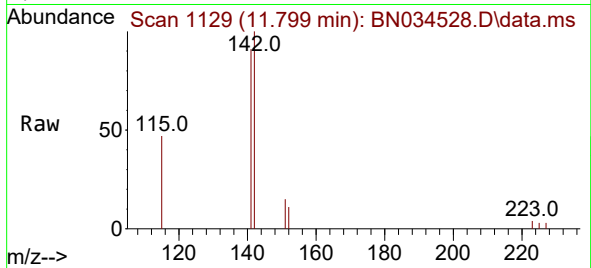




#12
2-Methylnaphthalene
Concen: 0.119 ng
RT: 11.799 min Scan# 1129
Delta R.T. -0.004 min
Lab File: BN034528.D
Acq: 10 Oct 2024 19:19

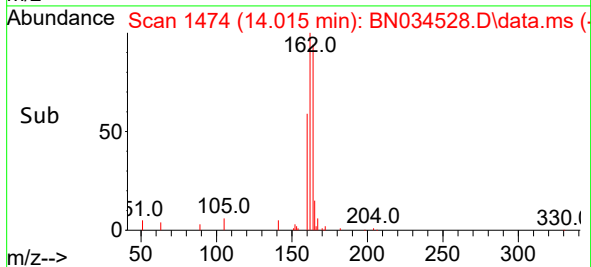
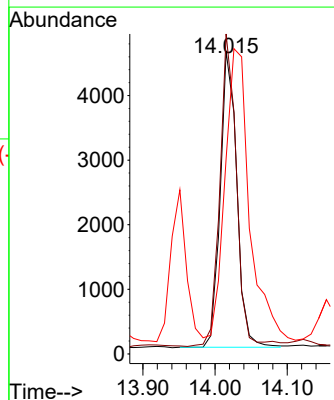
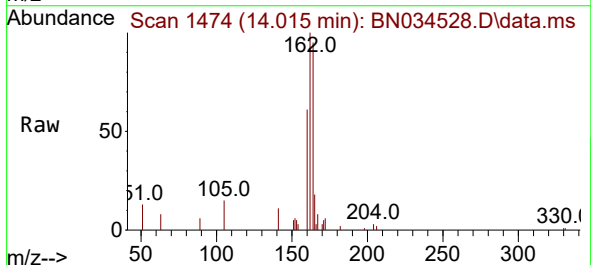
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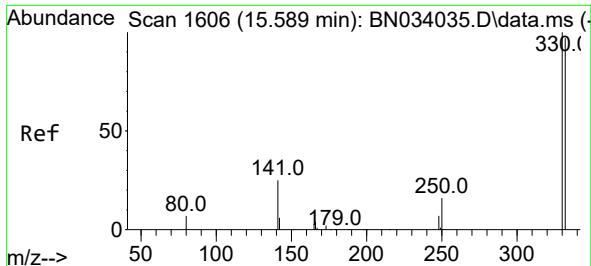
Tgt Ion:142 Resp: 2537
Ion Ratio Lower Upper
142 100
141 90.6 71.6 107.4
115 47.3 30.0 45.0#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.015 min Scan# 1474
Delta R.T. 0.000 min
Lab File: BN034528.D
Acq: 10 Oct 2024 19:19

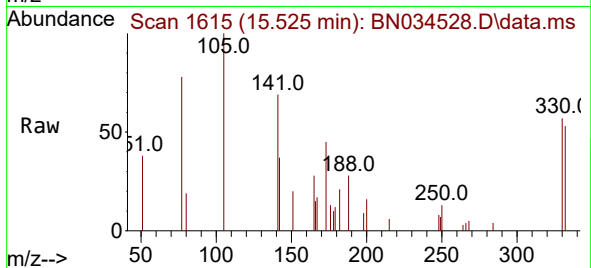
Tgt Ion:164 Resp: 7259
Ion Ratio Lower Upper
164 100
162 105.7 84.2 126.2
160 64.5 41.7 62.5#



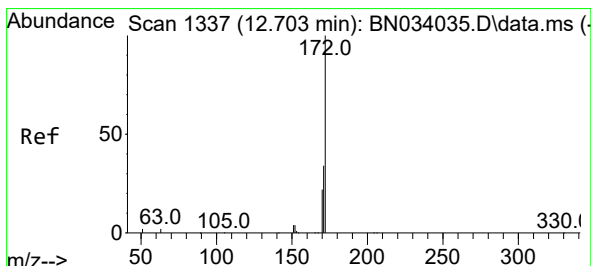
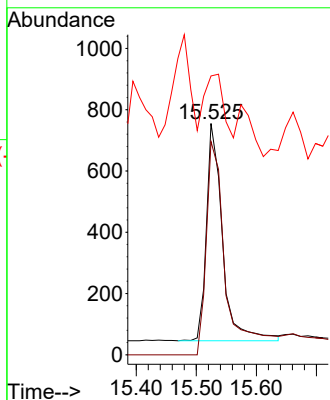
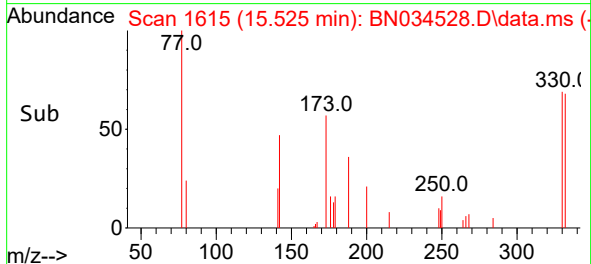


#14
2,4,6-Tribromophenol
Concen: 0.387 ng
RT: 15.525 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN034528.D
Acq: 10 Oct 2024 19:19

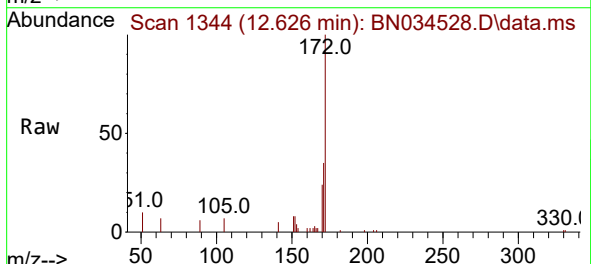
Instrument :
BNA_N
ClientSampleId :
RE123D1-20241001



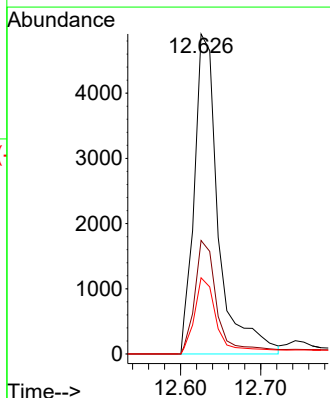
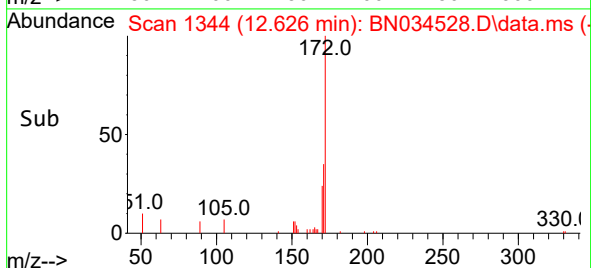
Tgt Ion:330 Resp: 1272
Ion Ratio Lower Upper
330 100
332 125.9 77.4 116.0#
141 39.4 35.9 53.9

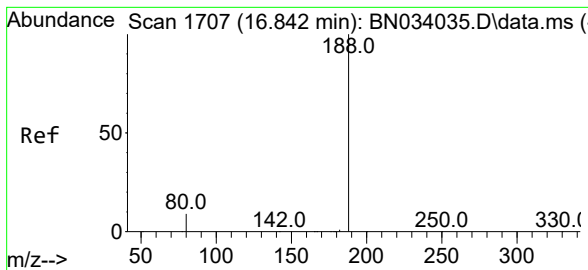


#15
2-Fluorobiphenyl
Concen: 0.318 ng
RT: 12.626 min Scan# 1344
Delta R.T. -0.011 min
Lab File: BN034528.D
Acq: 10 Oct 2024 19:19



Tgt Ion:172 Resp: 9396
Ion Ratio Lower Upper
172 100
171 35.5 27.3 40.9
170 23.8 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.778 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN034528.D

Acq: 10 Oct 2024 19:19

Instrument :

BNA_N

ClientSampleId :

RE123D1-20241001

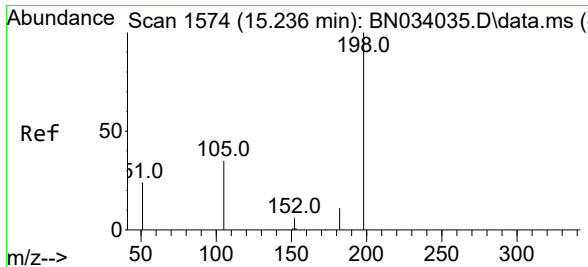
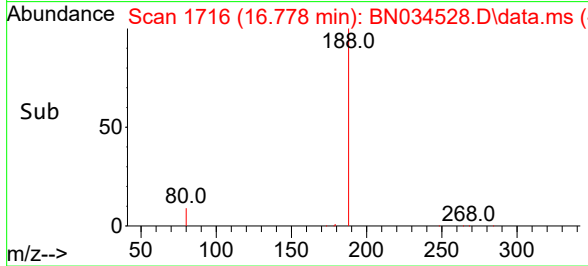
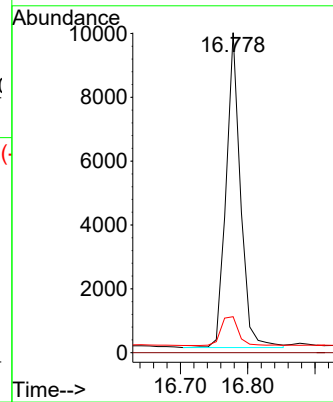
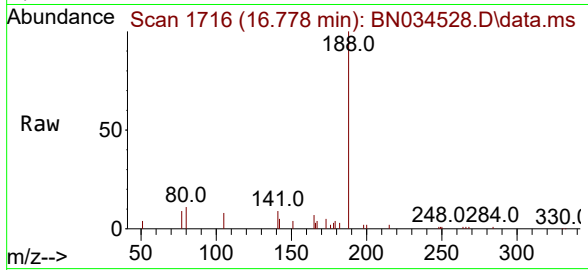
Tgt Ion:188 Resp: 14678

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.3 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.778 ng

RT: 16.319 min Scan# 1679

Delta R.T. 0.037 min

Lab File: BN034528.D

Acq: 10 Oct 2024 19:19

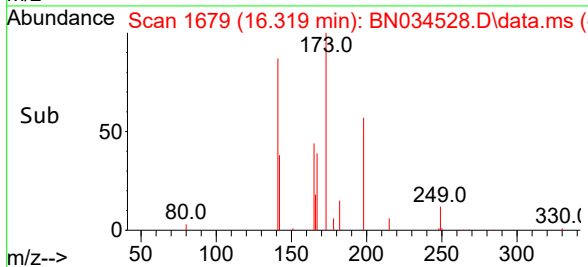
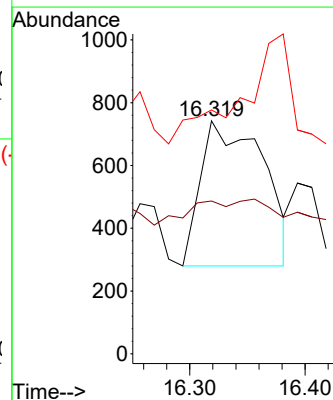
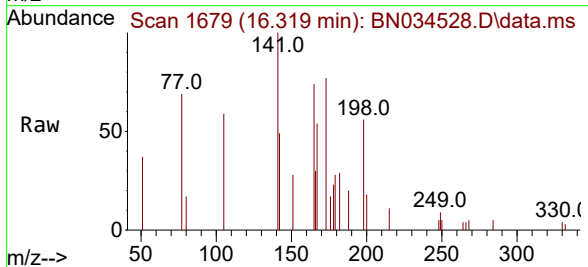
Tgt Ion:198 Resp: 1743

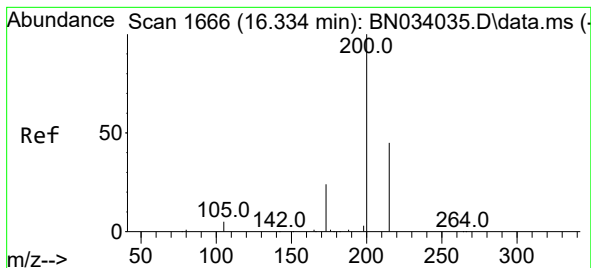
Ion Ratio Lower Upper

198 100

51 65.6 106.4 159.6#

105 104.7 38.5 57.7#





#23

Atrazine

Concen: 0.025 ng

RT: 16.294 min Scan# 1677

Delta R.T. 0.012 min

Lab File: BN034528.D

Acq: 10 Oct 2024 19:19

Instrument :

BNA_N

ClientSampleId :

RE123D1-20241001

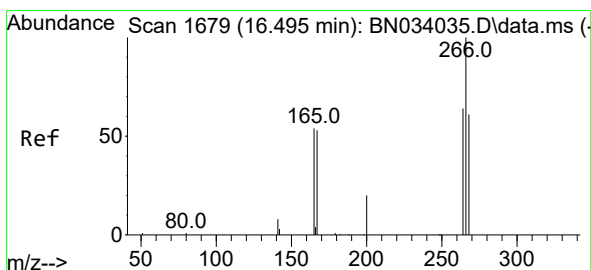
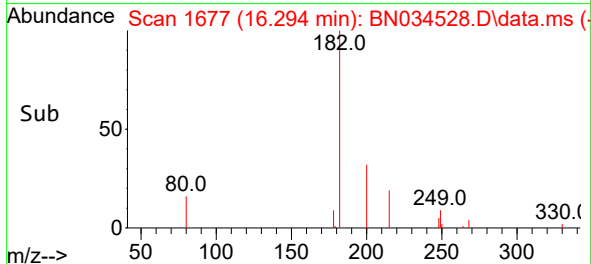
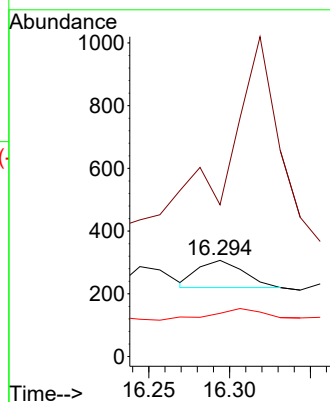
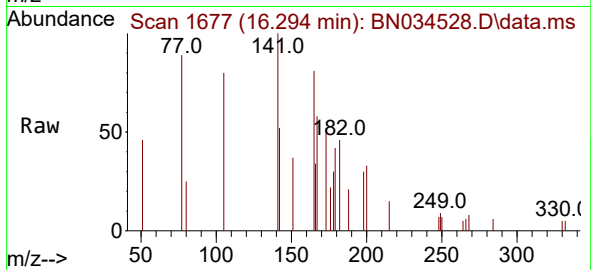
Tgt Ion:200 Resp: 171

Ion Ratio Lower Upper

200 100

173 157.7 20.1 30.1#

215 45.0 37.0 55.6



#24

Pentachlorophenol

Concen: 0.051 ng

RT: 16.443 min Scan# 1689

Delta R.T. 0.000 min

Lab File: BN034528.D

Acq: 10 Oct 2024 19:19

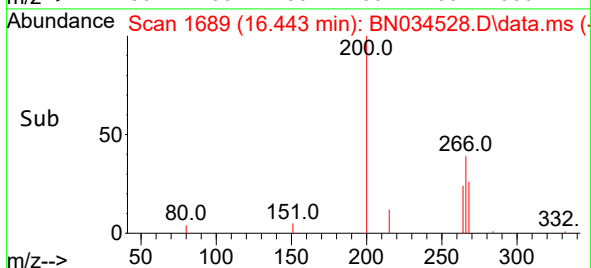
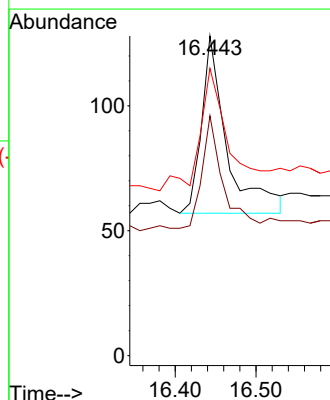
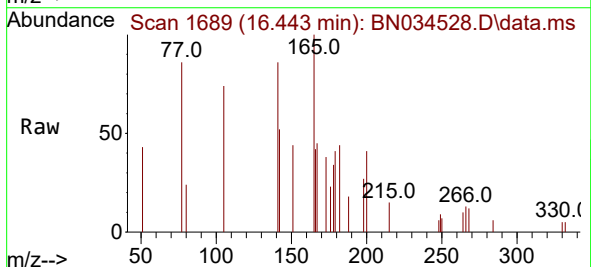
Tgt Ion:266 Resp: 155

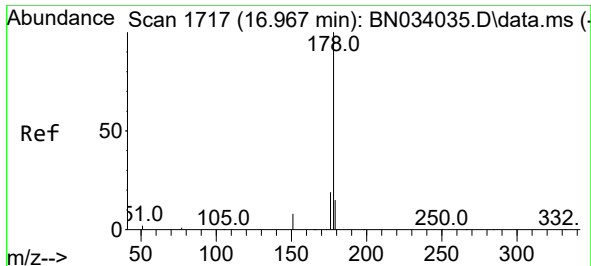
Ion Ratio Lower Upper

266 100

264 51.6 50.2 75.2

268 80.6 51.0 76.4#

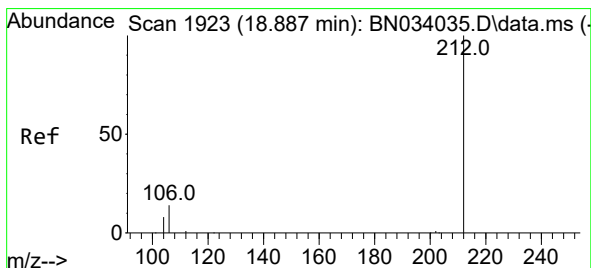
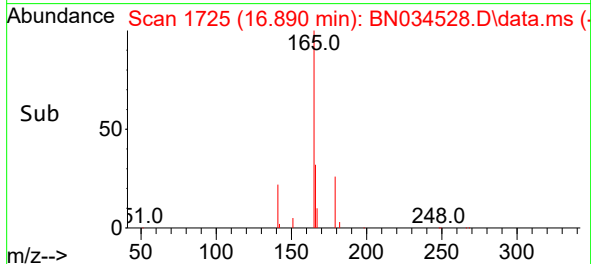
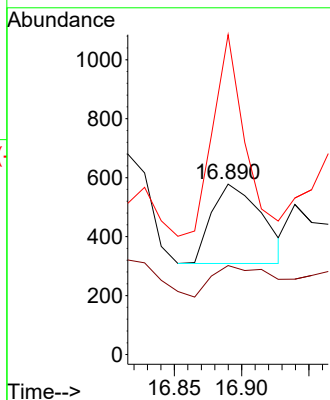
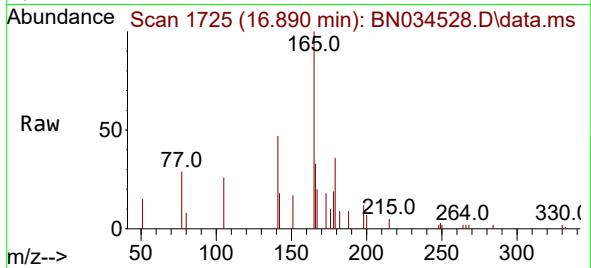




#26
 Anthracene
 Concen: 0.020 ng
 RT: 16.890 min Scan# 1717
 Delta R.T. -0.025 min
 Lab File: BN034528.D
 Acq: 10 Oct 2024 19:19

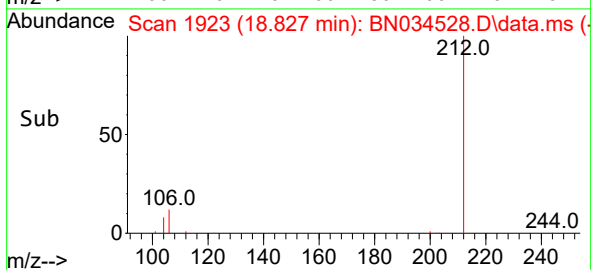
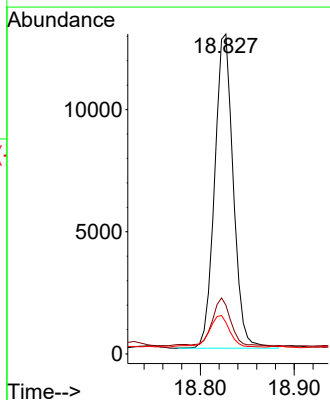
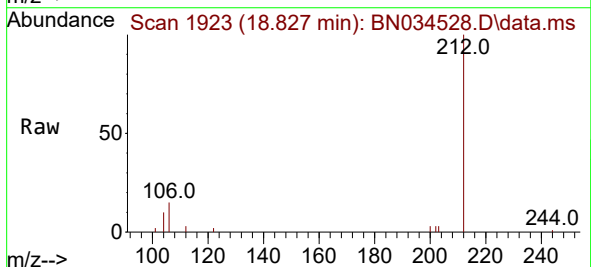
Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20241001

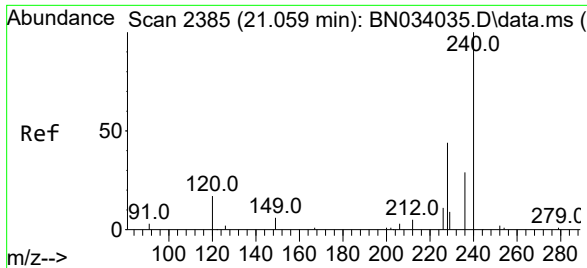
Tgt Ion:178 Resp: 696
 Ion Ratio Lower Upper
 178 100
 176 51.7 15.0 22.6#
 179 161.2 12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.478 ng
 RT: 18.827 min Scan# 1923
 Delta R.T. 0.000 min
 Lab File: BN034528.D
 Acq: 10 Oct 2024 19:19

Tgt Ion:212 Resp: 17699
 Ion Ratio Lower Upper
 212 100
 106 14.9 13.4 20.2
 104 11.4 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.006 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN034528.D

Acq: 10 Oct 2024 19:19

Instrument :

BNA_N

ClientSampleId :

RE123D1-20241001

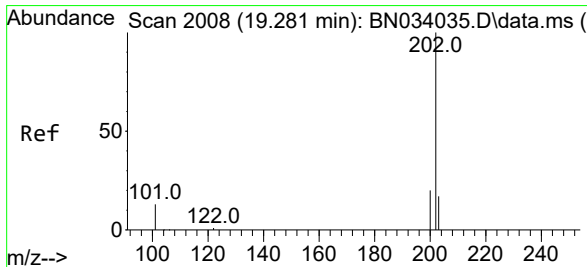
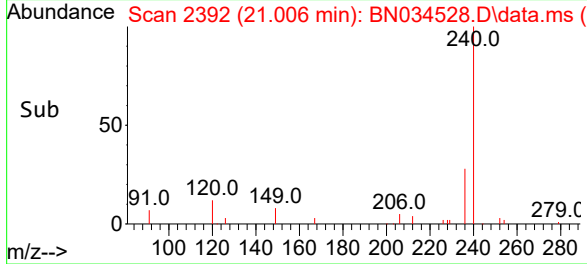
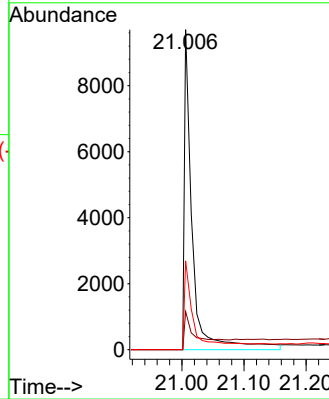
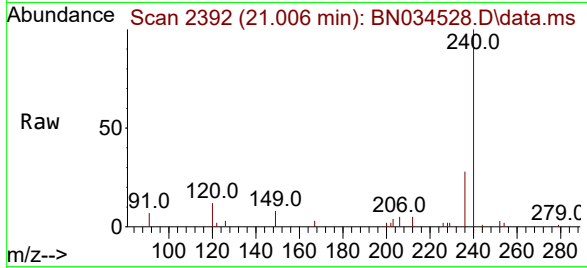
Tgt Ion:240 Resp: 9374

Ion Ratio Lower Upper

240 100

120 11.9 13.5 20.3#

236 27.8 23.4 35.0



#30

Pyrene

Concen: 0.083 ng

RT: 19.222 min Scan# 2008

Delta R.T. 0.000 min

Lab File: BN034528.D

Acq: 10 Oct 2024 19:19

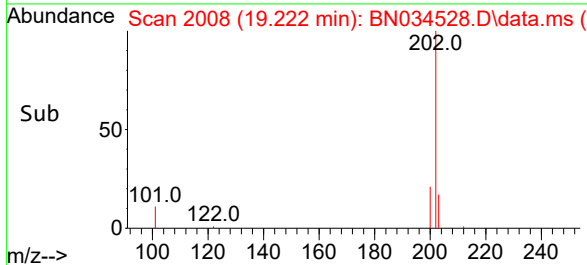
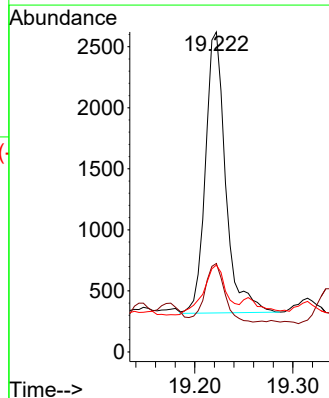
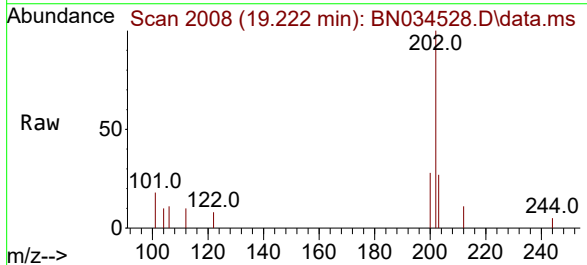
Tgt Ion:202 Resp: 3283

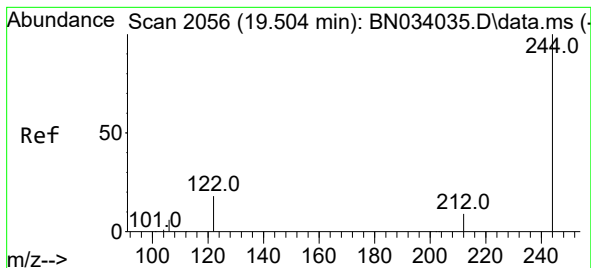
Ion Ratio Lower Upper

202 100

200 20.3 16.6 25.0

203 20.0 14.3 21.5





#31

Terphenyl-d14

Concen: 0.639 ng

RT: 19.445 min Scan# 2056

Delta R.T. -0.005 min

Lab File: BN034528.D

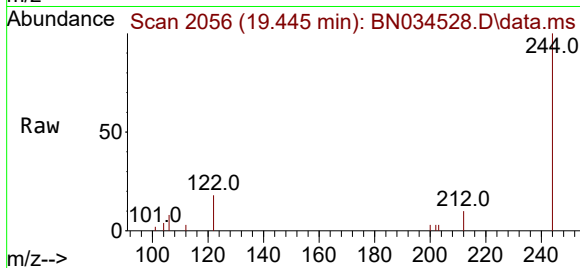
Acq: 10 Oct 2024 19:19

Instrument :

BNA_N

ClientSampleId :

RE123D1-20241001



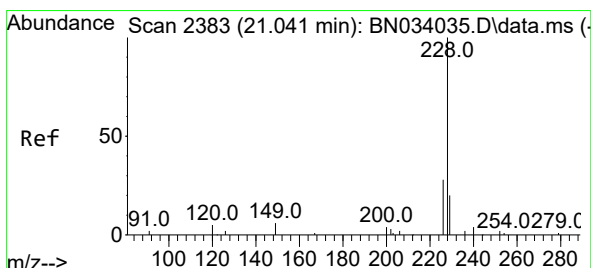
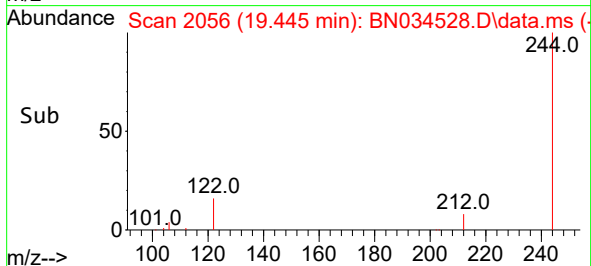
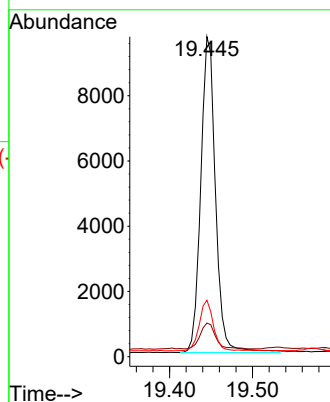
Tgt Ion:244 Resp: 11958

Ion Ratio Lower Upper

244 100

212 10.5 7.8 11.6

122 17.7 14.8 22.2



#32

Benzo(a)anthracene

Concen: 0.026 ng

RT: 21.042 min Scan# 2396

Delta R.T. 0.036 min

Lab File: BN034528.D

Acq: 10 Oct 2024 19:19

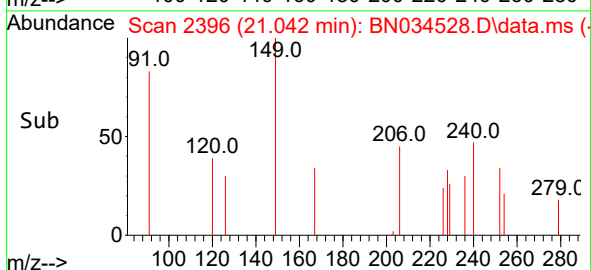
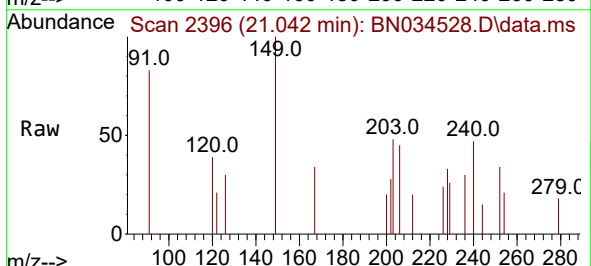
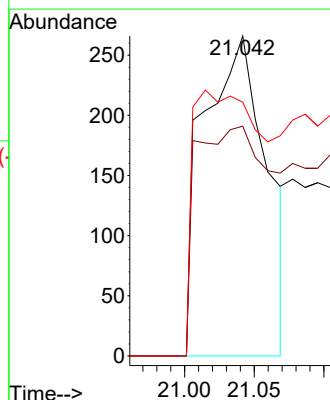
Tgt Ion:228 Resp: 769

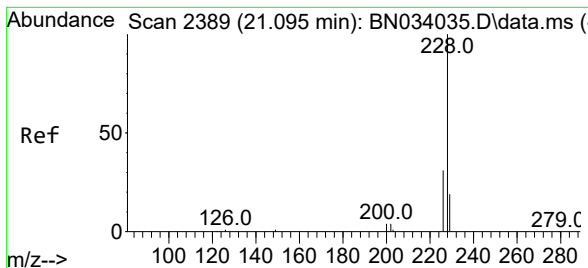
Ion Ratio Lower Upper

228 100

226 71.8 22.3 33.5#

229 79.3 15.7 23.5#





#33

Chrysene

Concen: 0.026 ng

RT: 21.042 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN034528.D

Acq: 10 Oct 2024 19:19

Instrument :

BNA_N

ClientSampleId :

RE123D1-20241001

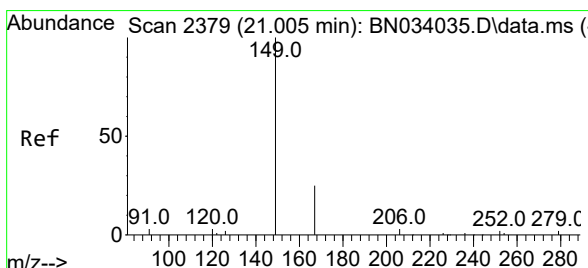
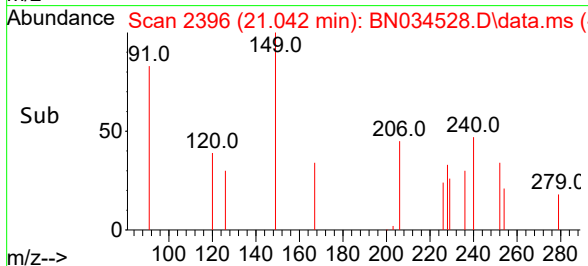
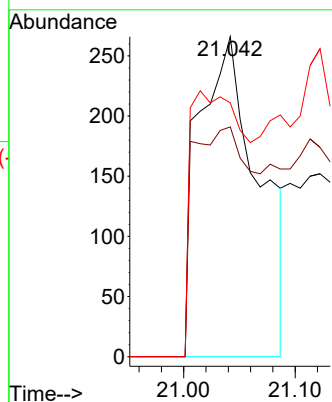
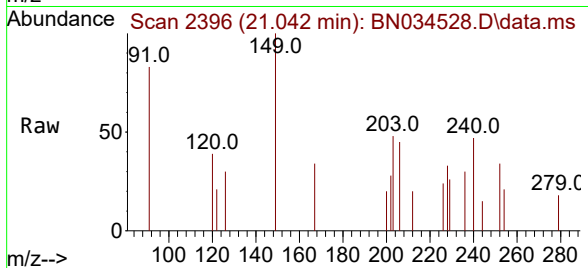
Tgt Ion:228 Resp: 926

Ion Ratio Lower Upper

228 100

226 71.8 24.6 37.0#

229 79.3 15.5 23.3#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.147 ng

RT: 21.024 min Scan# 2394

Delta R.T. 0.018 min

Lab File: BN034528.D

Acq: 10 Oct 2024 19:19

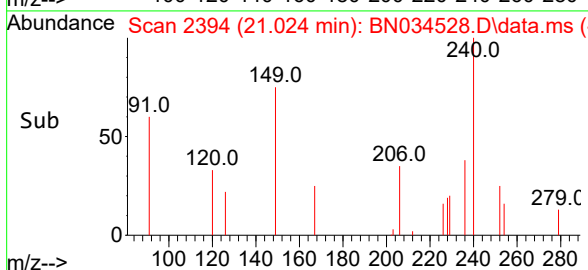
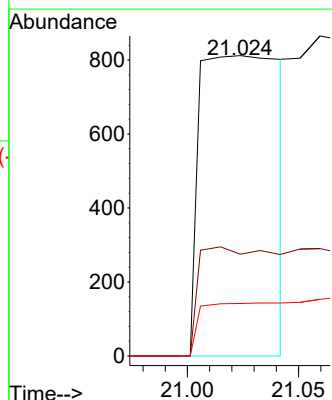
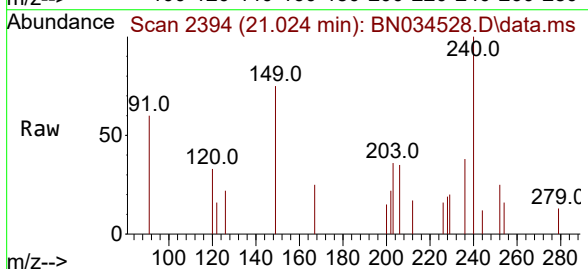
Tgt Ion:149 Resp: 1816

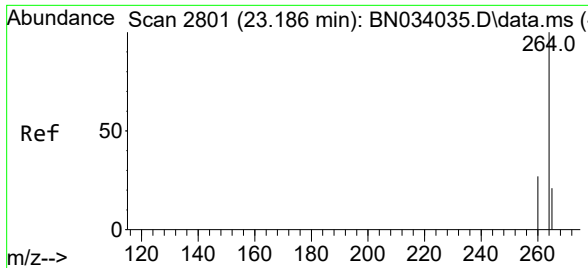
Ion Ratio Lower Upper

149 100

167 35.1 19.9 29.9#

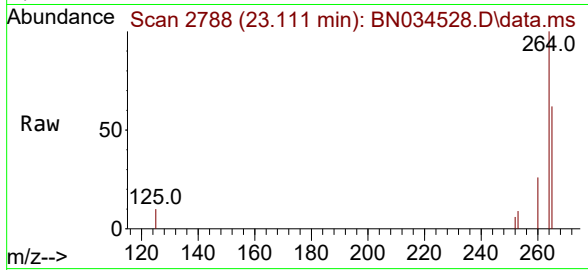
279 0.0 4.6 6.8#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.111 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BN034528.D
 Acq: 10 Oct 2024 19:19

Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20241001



Tgt Ion:264 Resp: 14874
 Ion Ratio Lower Upper
 264 100
 260 26.2 21.7 32.5
 265 62.5 52.1 78.1

