

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112124\
 Data File : BN035220.D
 Acq On : 21 Nov 2024 13:58
 Operator : RC/JU
 Sample : PB165012BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB165012BL

Quant Time: Nov 21 14:34:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 14:00:03 2024
 Response via : Initial Calibration

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

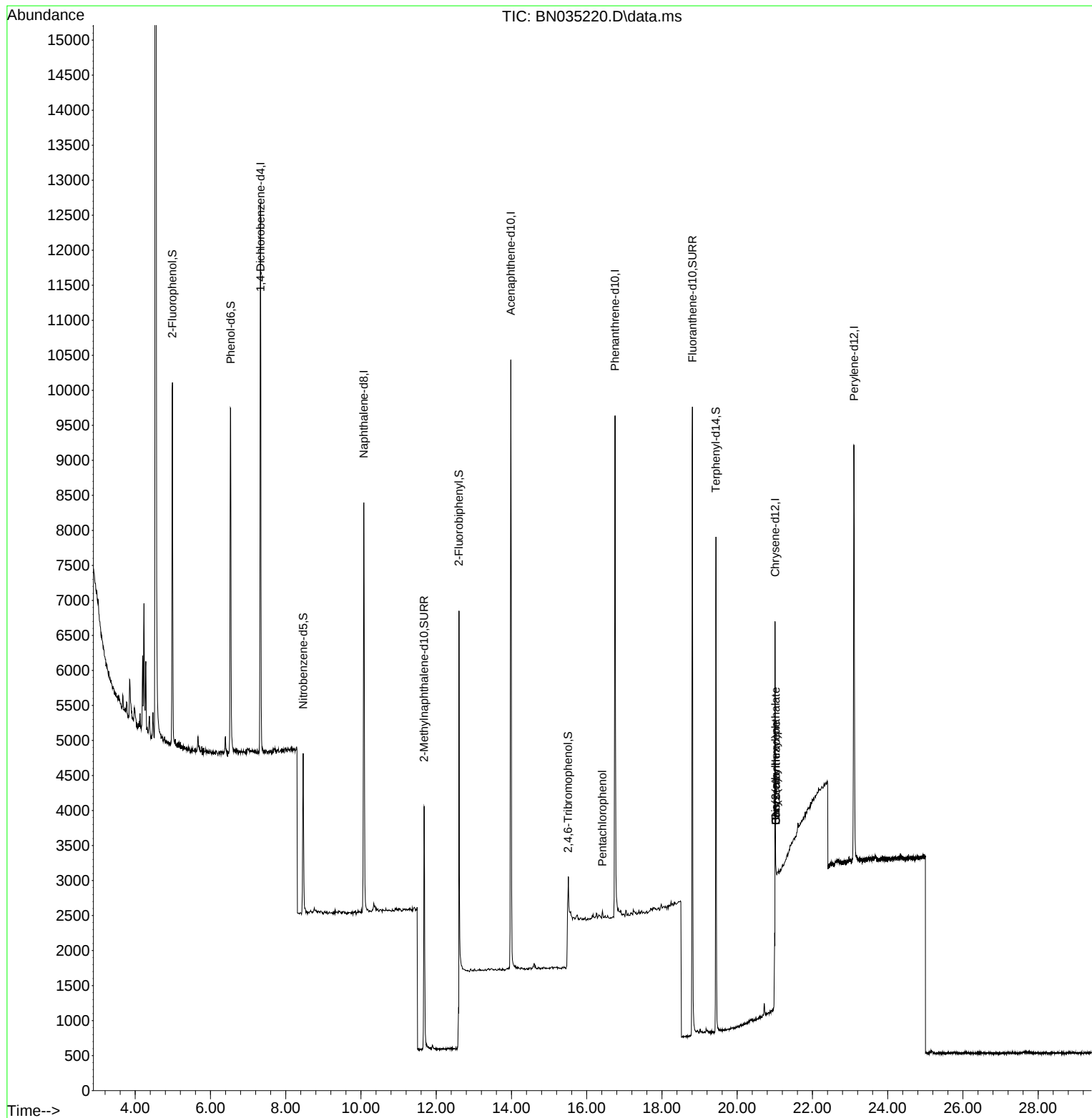
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.329	152	3644	0.400	ng	0.00
7) Naphthalene-d8	10.073	136	8156	0.400	ng	# 0.00
13) Acenaphthene-d10	13.983	164	4996	0.400	ng	0.00
19) Phenanthrene-d10	16.753	188	10325	0.400	ng	# 0.00
29) Chrysene-d12	21.006	240	2547	0.400	ng	# 0.00
35) Perylene-d12	23.105	264	7086	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.989	112	4122	0.446	ng	0.00
5) Phenol-d6	6.535	99	5198	0.448	ng	0.00
8) Nitrobenzene-d5	8.461	82	2515	0.354	ng	0.00
11) 2-Methylnaphthalene-d10	11.678	152	5204	0.358	ng	0.00
14) 2,4,6-Tribromophenol	15.501	330	1065	0.295	ng	0.00
15) 2-Fluorobiphenyl	12.604	172	3386	0.167	ng	0.00
27) Fluoranthene-d10	18.808	212	10530	0.333	ng	0.00
31) Terphenyl-d14	19.435	244	6913	1.293	ng	0.00
Target Compounds						Qvalue
24) Pentachlorophenol	16.418	266	69	0.022	ng	95
32) Benzo(a)anthracene	21.033	228	253	0.029	ng	# 1
33) Chrysene	21.033	228	253	0.029	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.024	149	855	0.184	ng	# 97

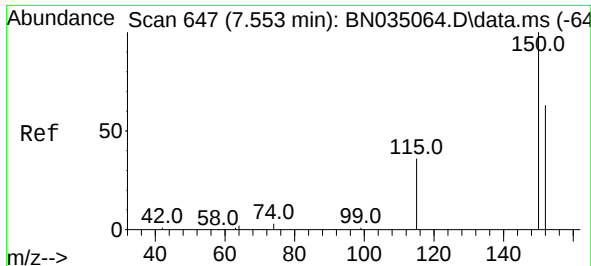
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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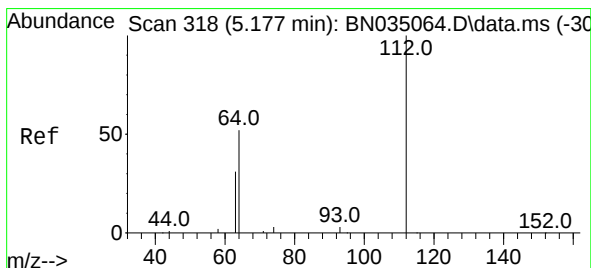
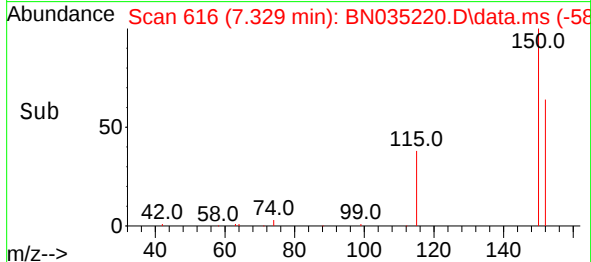
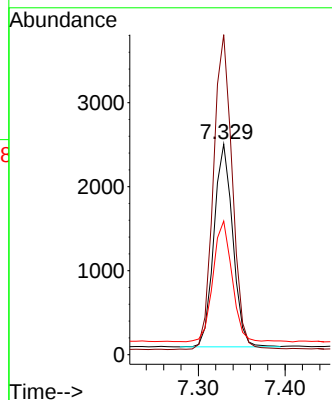
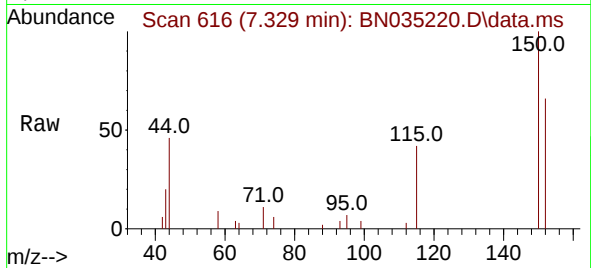




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.329 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN035220.D
Acq: 21 Nov 2024 13:58

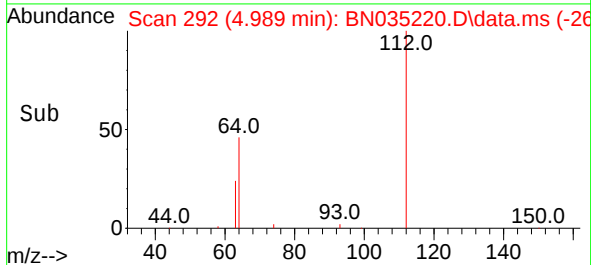
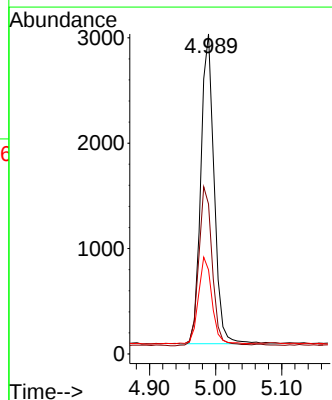
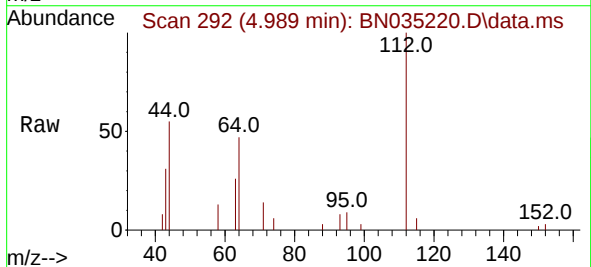
Instrument :
BNA_N
ClientSampleId :
PB165012BL

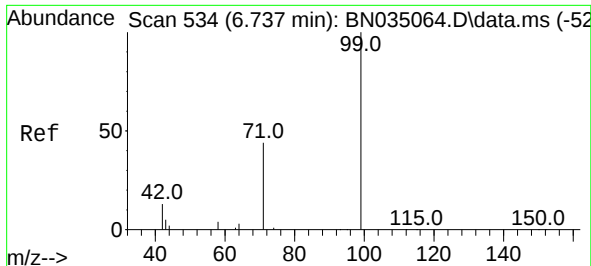
Tgt Ion:152 Resp: 3644
Ion Ratio Lower Upper
152 100
150 151.9 124.5 186.7
115 63.5 47.8 71.6



#4
2-Fluorophenol
Concen: 0.446 ng
RT: 4.989 min Scan# 292
Delta R.T. 0.007 min
Lab File: BN035220.D
Acq: 21 Nov 2024 13:58

Tgt Ion:112 Resp: 4122
Ion Ratio Lower Upper
112 100
64 52.5 39.7 59.5
63 28.9 23.0 34.4

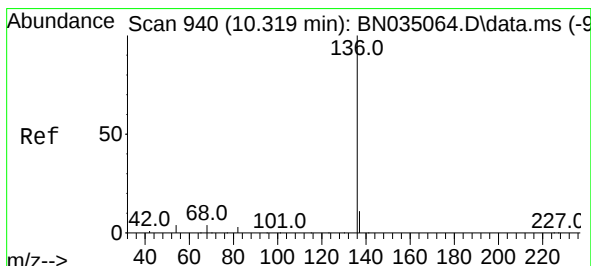
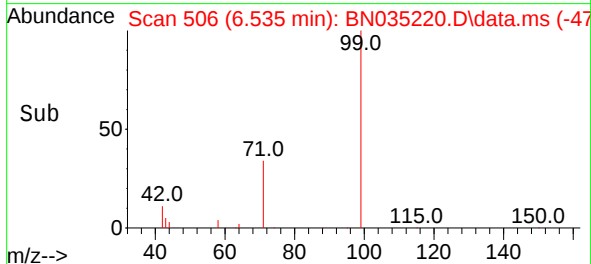
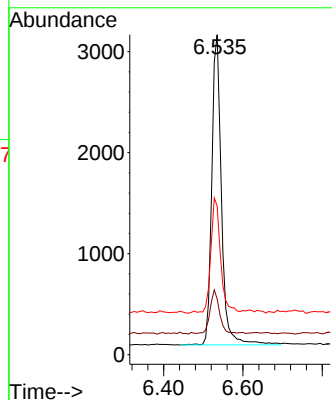
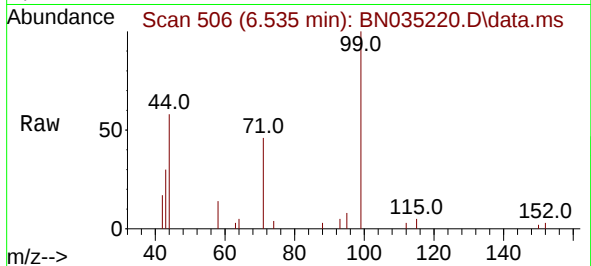




#5
Phenol-d6
Concen: 0.448 ng
RT: 6.535 min Scan# 50
Delta R.T. 0.007 min
Lab File: BN035220.D
Acq: 21 Nov 2024 13:58

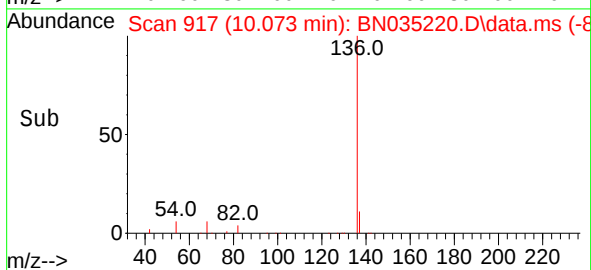
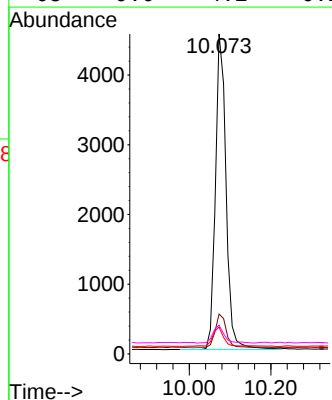
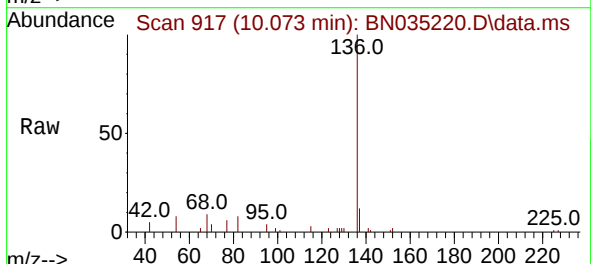
Instrument :
BNA_N
ClientSampleId :
PB165012BL

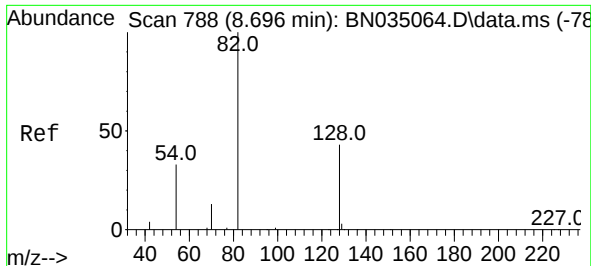
Tgt Ion: 99 Resp: 5198
Ion Ratio Lower Upper
99 100
42 13.4 11.4 17.0
71 36.1 34.6 51.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.073 min Scan# 917
Delta R.T. -0.000 min
Lab File: BN035220.D
Acq: 21 Nov 2024 13:58

Tgt Ion: 136 Resp: 8156
Ion Ratio Lower Upper
136 100
137 12.5 9.8 14.8
54 8.4 4.0 6.0#
68 9.0 4.2 6.2#

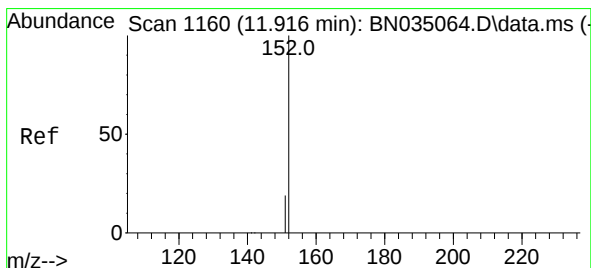
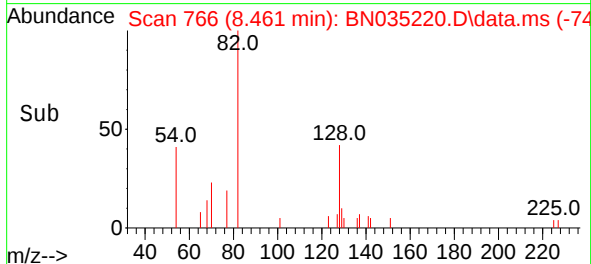
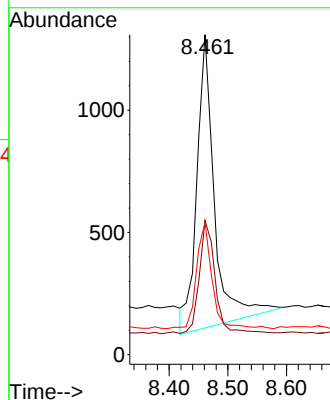
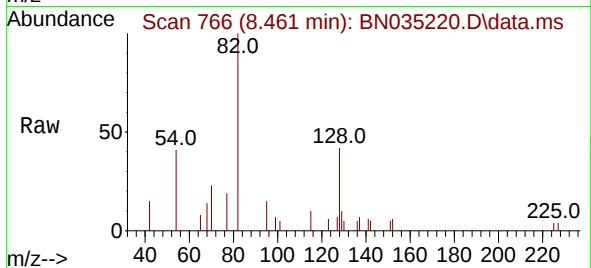




#8
Nitrobenzene-d5
Concen: 0.354 ng
RT: 8.461 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN035220.D
Acq: 21 Nov 2024 13:58

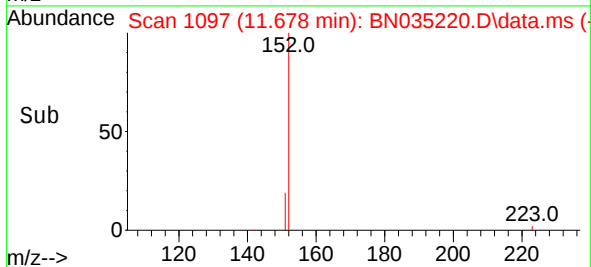
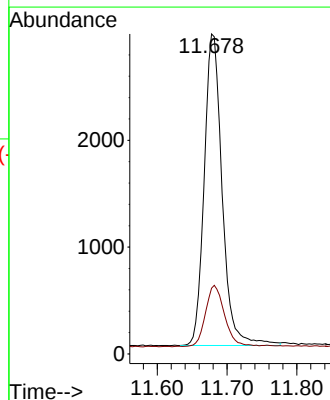
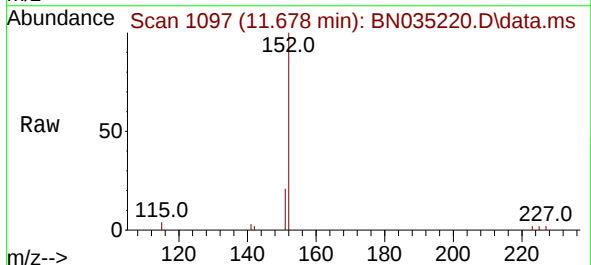
Instrument :
BNA_N
ClientSampleId :
PB165012BL

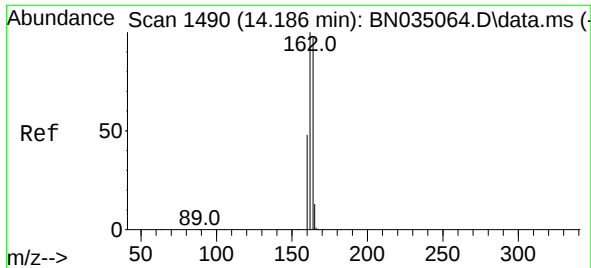
Tgt Ion: 82 Resp: 2515
Ion Ratio Lower Upper
82 100
128 41.9 36.5 54.7
54 41.4 28.7 43.1



#11
2-Methylnaphthalene-d10
Concen: 0.358 ng
RT: 11.678 min Scan# 1097
Delta R.T. -0.000 min
Lab File: BN035220.D
Acq: 21 Nov 2024 13:58

Tgt Ion:152 Resp: 5204
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4

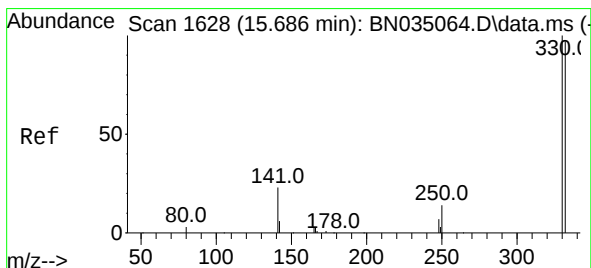
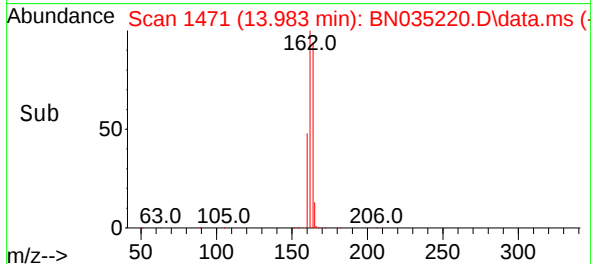
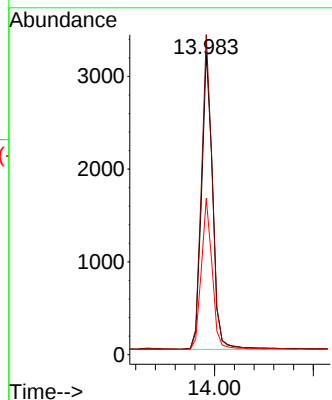
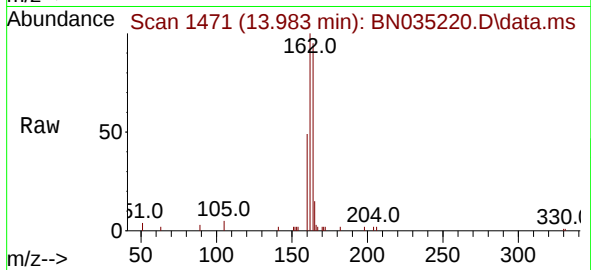




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.983 min Scan# 1490
Delta R.T. -0.004 min
Lab File: BN035220.D
Acq: 21 Nov 2024 13:58

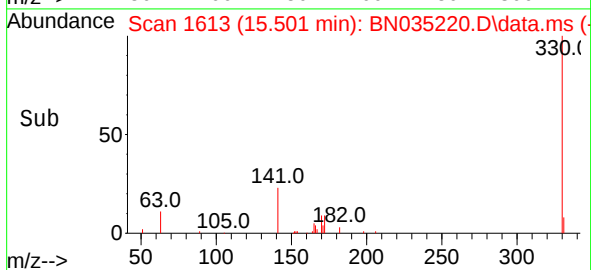
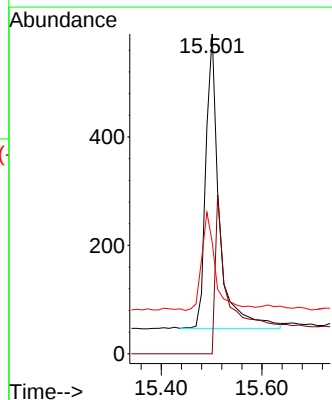
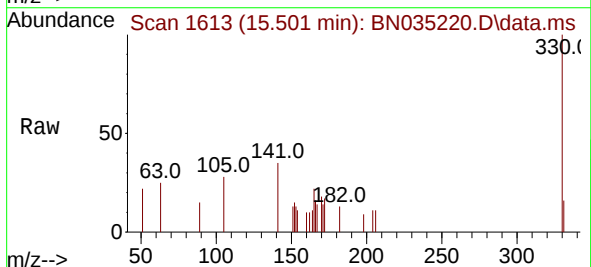
Instrument :
BNA_N
ClientSampleId :
PB165012BL

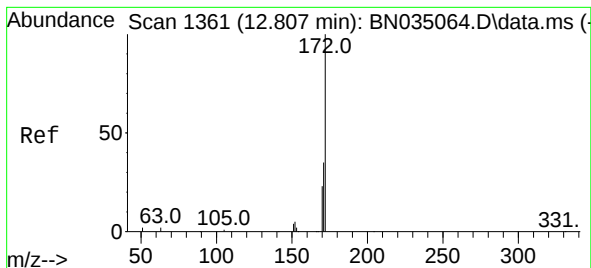
Tgt Ion:164 Resp: 4996
Ion Ratio Lower Upper
164 100
162 105.7 82.2 123.2
160 51.7 40.2 60.4



#14
2,4,6-Tribromophenol
Concen: 0.295 ng
RT: 15.501 min Scan# 1613
Delta R.T. 0.007 min
Lab File: BN035220.D
Acq: 21 Nov 2024 13:58

Tgt Ion:330 Resp: 1065
Ion Ratio Lower Upper
330 100
332 68.8 76.9 115.3#
141 0.0 29.6 44.4#





#15

2-Fluorobiphenyl

Concen: 0.167 ng

RT: 12.604 min Scan# 1714

Delta R.T. -0.004 min

Lab File: BN035220.D

Acq: 21 Nov 2024 13:58

Instrument :

BNA_N

ClientSampleId :

PB165012BL

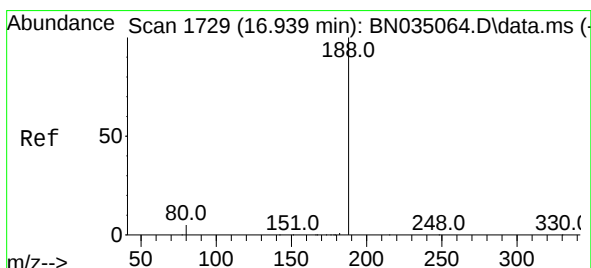
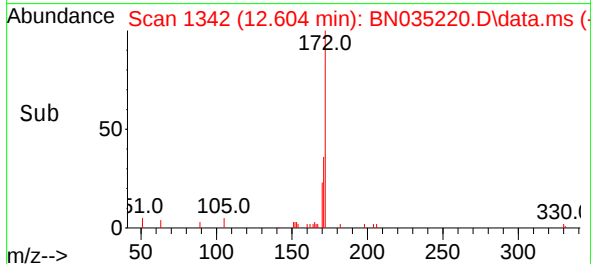
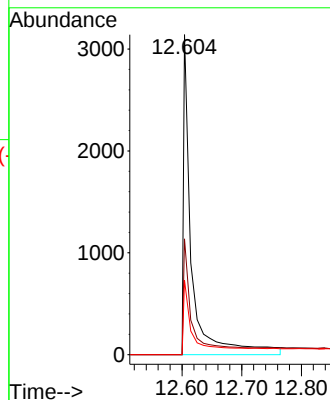
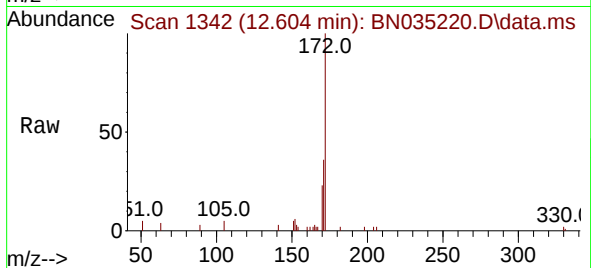
Tgt Ion:172 Resp: 3386

Ion Ratio Lower Upper

172 100

171 36.2 28.2 42.4

170 23.2 19.0 28.6



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.753 min Scan# 1714

Delta R.T. 0.007 min

Lab File: BN035220.D

Acq: 21 Nov 2024 13:58

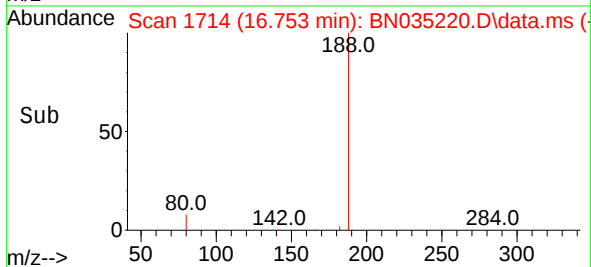
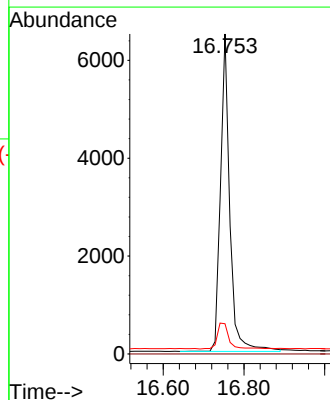
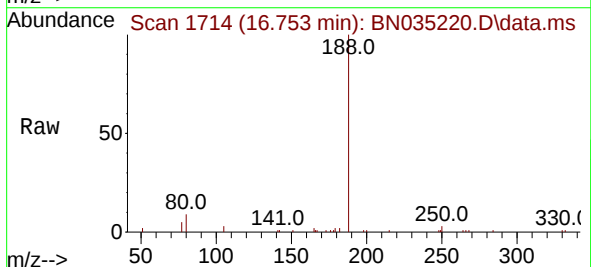
Tgt Ion:188 Resp: 10325

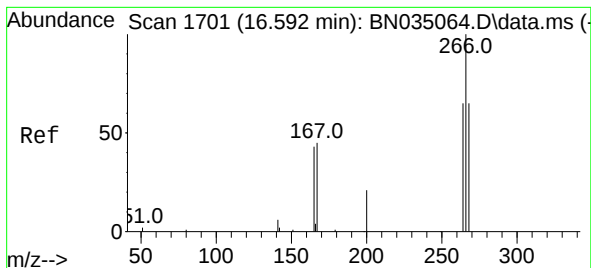
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.5 4.3 6.5#





#24

Pentachlorophenol

Concen: 0.022 ng

RT: 16.418 min Scan# 1

Delta R.T. 0.007 min

Lab File: BN035220.D

Acq: 21 Nov 2024 13:58

Instrument :

BNA_N

ClientSampleId :

PB165012BL

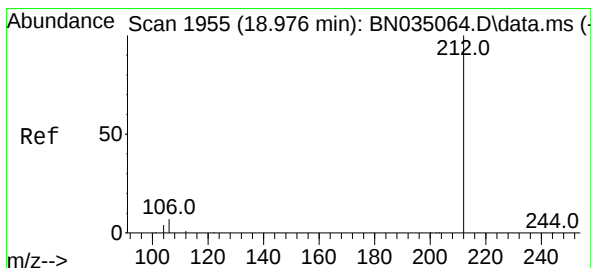
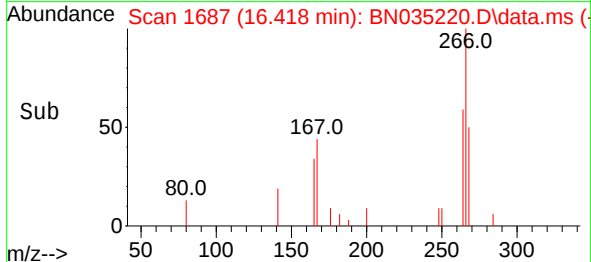
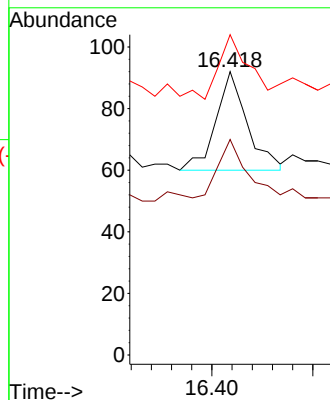
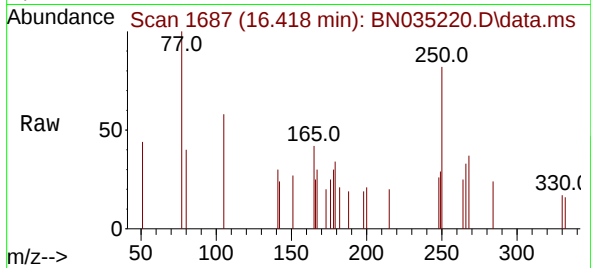
Tgt Ion:266 Resp: 69

Ion Ratio Lower Upper

266 100

264 69.6 49.4 74.0

268 65.2 52.6 79.0



#27

Fluoranthene-d10

Concen: 0.333 ng

RT: 18.808 min Scan# 1919

Delta R.T. 0.002 min

Lab File: BN035220.D

Acq: 21 Nov 2024 13:58

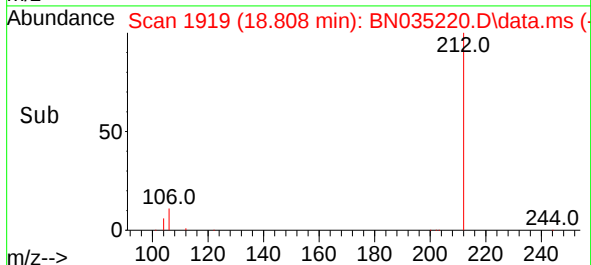
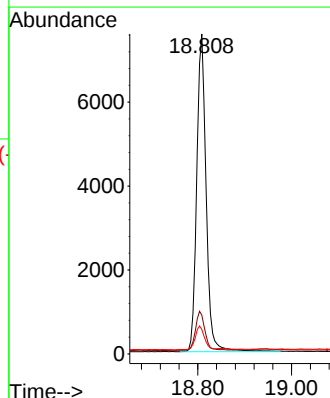
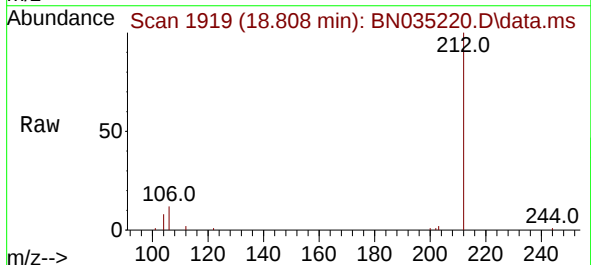
Tgt Ion:212 Resp: 10530

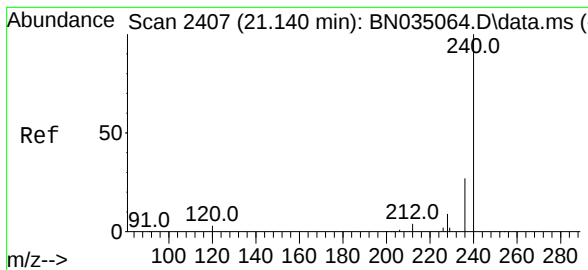
Ion Ratio Lower Upper

212 100

106 12.3 6.0 9.0#

104 7.3 3.5 5.3#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.006 min Scan# 240

Delta R.T. -0.003 min

Lab File: BN035220.D

Acq: 21 Nov 2024 13:58

Instrument :

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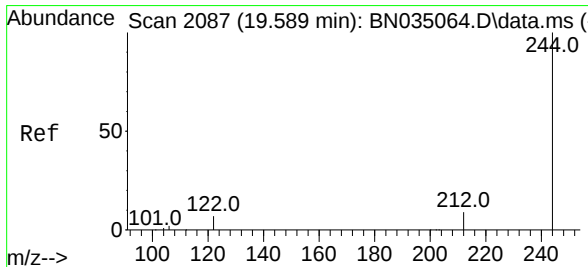
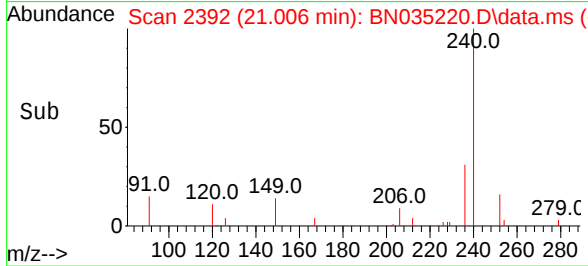
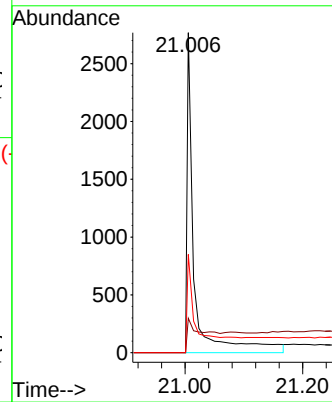
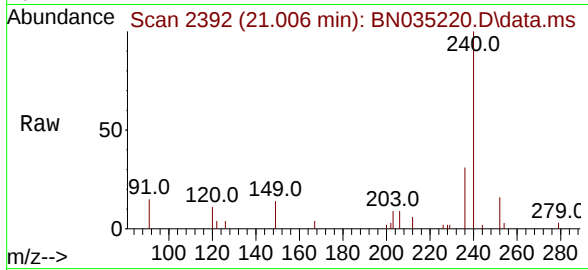
Tgt Ion:240 Resp: 2547

Ion Ratio Lower Upper

240 100

120 10.8 3.8 5.6#

236 30.7 22.2 33.2



#31

Terphenyl-d14

Concen: 1.293 ng

RT: 19.435 min Scan# 2054

Delta R.T. -0.003 min

Lab File: BN035220.D

Acq: 21 Nov 2024 13:58

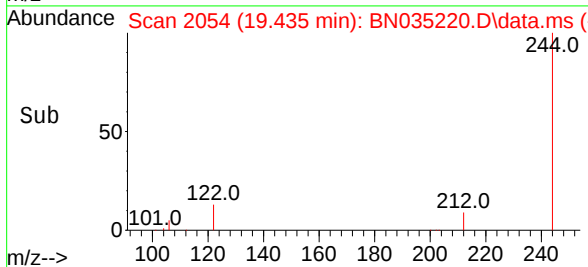
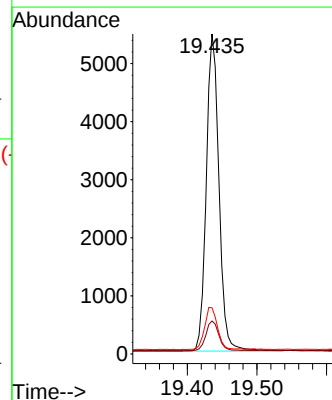
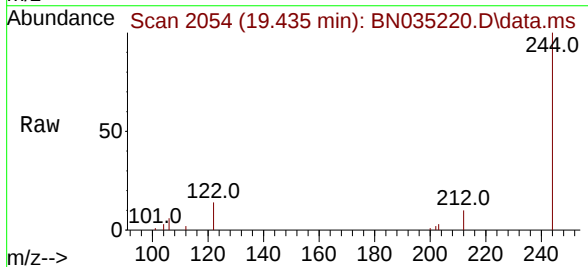
Tgt Ion:244 Resp: 6913

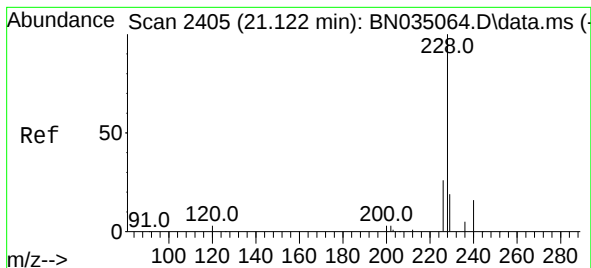
Ion Ratio Lower Upper

244 100

212 10.3 7.6 11.4

122 14.4 6.1 9.1#





#32

Benzo(a)anthracene

Concen: 0.029 ng

RT: 21.033 min Scan# 2405

Delta R.T. -0.003 min

Lab File: BN035220.D

Acq: 21 Nov 2024 13:58

Instrument :

BNA_N

ClientSampleId :

PB165012BL

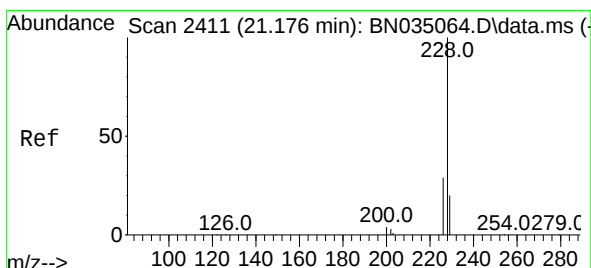
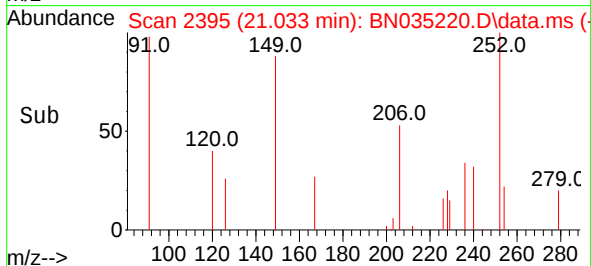
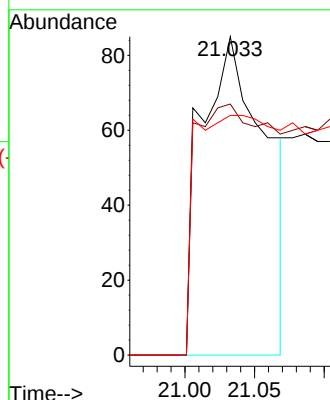
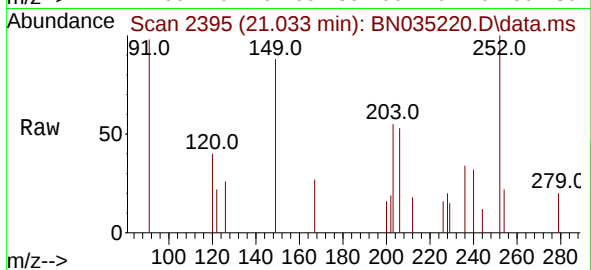
Tgt Ion:228 Resp: 253

Ion Ratio Lower Upper

228 100

226 78.8 21.4 32.0#

229 75.3 15.7 23.5#



#33

Chrysene

Concen: 0.029 ng

RT: 21.033 min Scan# 2395

Delta R.T. -0.003 min

Lab File: BN035220.D

Acq: 21 Nov 2024 13:58

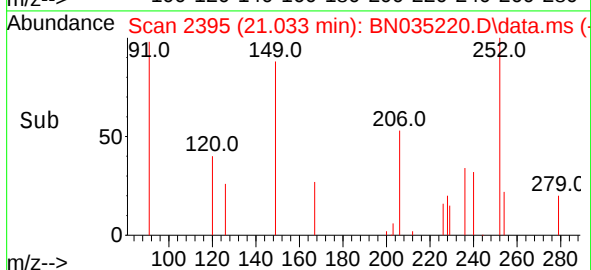
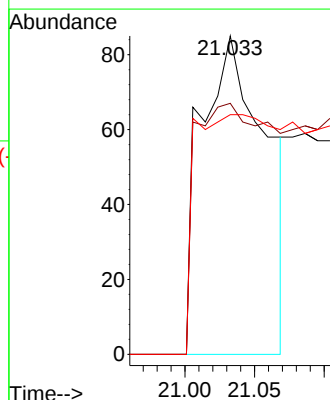
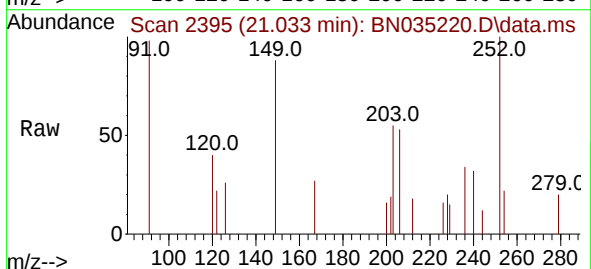
Tgt Ion:228 Resp: 253

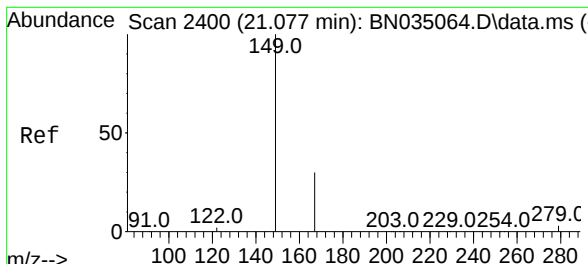
Ion Ratio Lower Upper

228 100

226 78.8 23.7 35.5#

229 75.3 16.2 24.4#

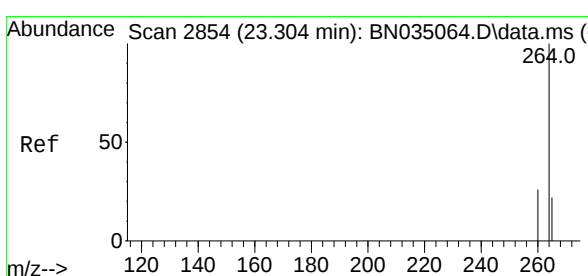
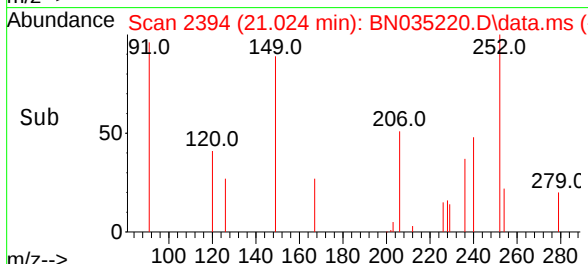
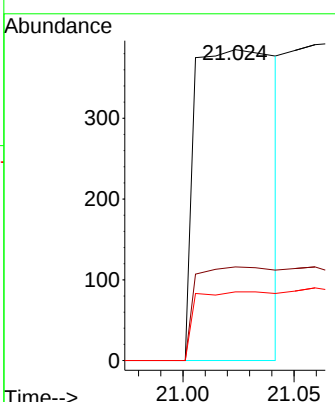
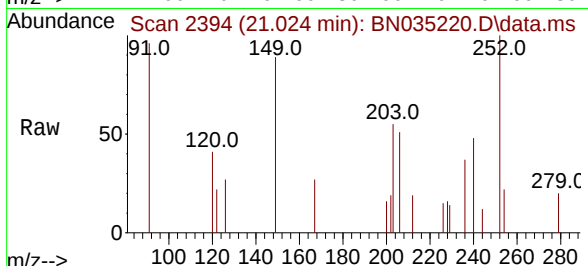




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.184 ng
 RT: 21.024 min Scan# 2104
 Delta R.T. -0.003 min
 Lab File: BN035220.D
 Acq: 21 Nov 2024 13:58

Instrument :
 BNA_N
 ClientSampleId :
 PB165012BL

Tgt Ion:	149	Resp:	855
Ion Ratio	Lower	Upper	
149	100		
167	29.7	23.2	34.8
279	0.0	3.2	4.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.105 min Scan# 2786
 Delta R.T. 0.001 min
 Lab File: BN035220.D
 Acq: 21 Nov 2024 13:58

Tgt Ion:	264	Resp:	7086
Ion Ratio	Lower	Upper	
264	100		
260	27.8	20.9	31.3
265	64.1	35.4	53.2#

