

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062524\
 Data File : BN032255.D
 Acq On : 26 Jun 2024 01:07
 Operator : MA/JU
 Sample : P3034-04
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-062124

Quant Time: Jun 26 02:55:40 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)

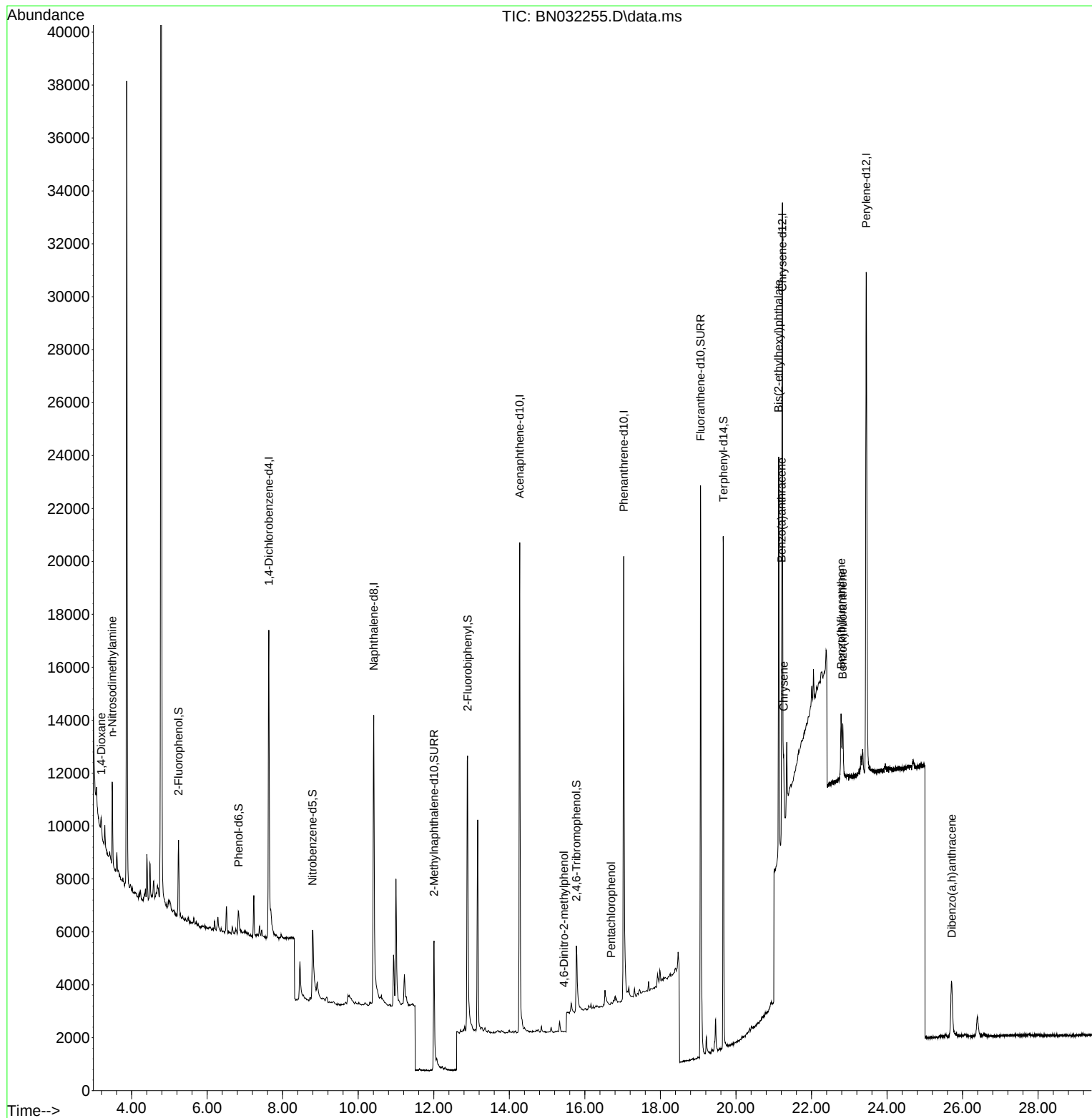
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.632	152	6917	0.400	ng	-0.01
7) Naphthalene-d8	10.410	136	20258	0.400	ng	-0.01
13) Acenaphthene-d10	14.274	164	12374	0.400	ng	-0.01
19) Phenanthrene-d10	17.029	188	26823	0.400	ng	0.00
29) Chrysene-d12	21.229	240	25338	0.400	ng	# 0.00
35) Perylene-d12	23.449	264	27525	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.241	112	2780	0.141	ng	0.00
5) Phenol-d6	6.830	99	1540	0.060	ng	0.00
8) Nitrobenzene-d5	8.788	82	4343	0.258	ng	-0.01
11) 2-Methylnaphthalene-d10	12.005	152	8641	0.268	ng	-0.02
14) 2,4,6-Tribromophenol	15.775	330	1883	0.317	ng	-0.01
15) 2-Fluorobiphenyl	12.895	172	13385	0.285	ng	-0.01
27) Fluoranthene-d10	19.063	212	26626	0.365	ng	0.00
31) Terphenyl-d14	19.667	244	20359	0.329	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.197	88	425	0.050	ng	# 1
3) n-Nitrosodimethylamine	3.486	42	364	0.045	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.450	198	6	0.176	ng	# 1
24) Pentachlorophenol	16.694	266	71	0.178	ng	# 74
32) Benzo(a)anthracene	21.211	228	1975	0.021	ng	# 77
33) Chrysene	21.265	228	2182	0.024	ng	# 82
34) Bis(2-ethylhexyl)phtha...	21.130	149	13354	0.205	ng	99
37) Benzo(b)fluoranthene	22.782	252	3475	0.035	ng	# 1
38) Benzo(k)fluoranthene	22.826	252	2900	0.031	ng	# 1
40) Dibenzo(a,h)anthracene	25.712	278	2027	0.025	ng	# 1

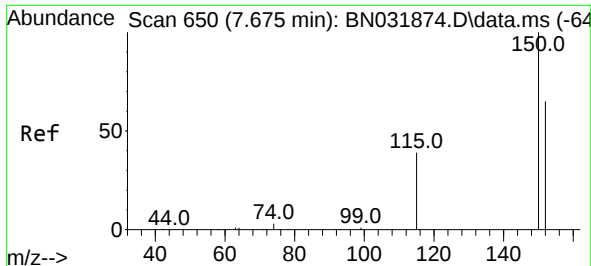
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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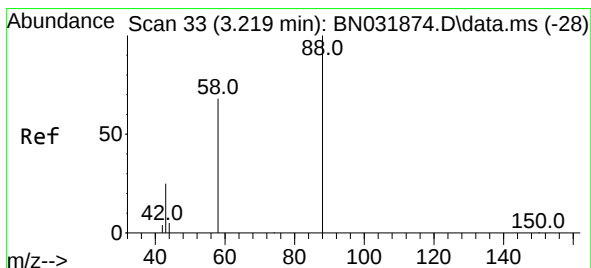
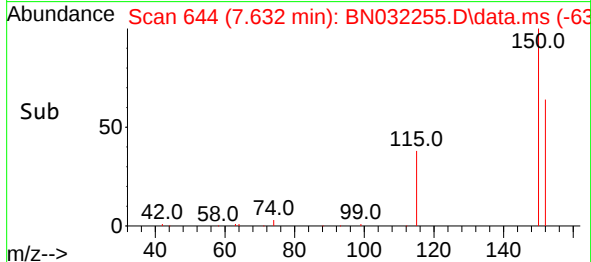
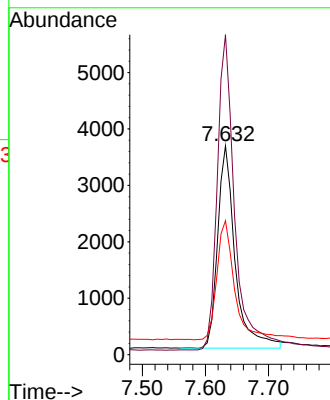
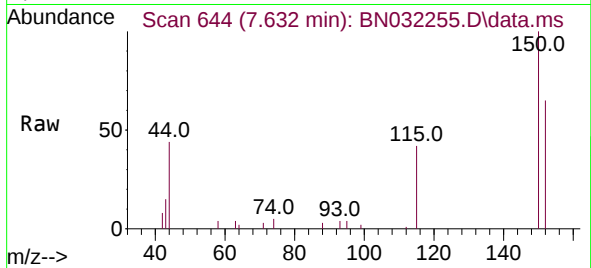




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.632 min Scan# 64
 Delta R.T. -0.014 min
 Lab File: BN032255.D
 Acq: 26 Jun 2024 01:07

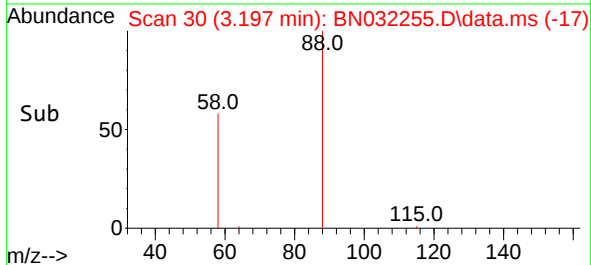
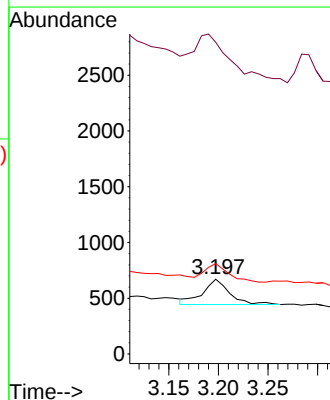
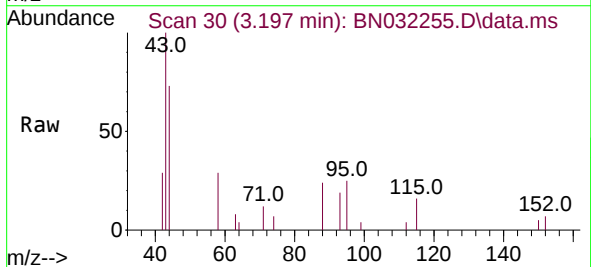
Instrument :
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 ClientSampleId :
 EB-01-062124

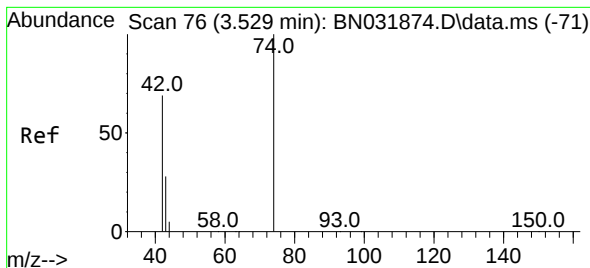
Tgt Ion:152 Resp: 6917
 Ion Ratio Lower Upper
 152 100
 150 153.1 121.0 181.4
 115 64.1 49.4 74.0



#2
 1,4-Dioxane
 Concen: 0.050 ng
 RT: 3.197 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN032255.D
 Acq: 26 Jun 2024 01:07

Tgt Ion: 88 Resp: 425
 Ion Ratio Lower Upper
 88 100
 43 281.4 22.7 34.1#
 58 64.9 51.3 76.9





#3

n-Nitrosodimethylamine

Concen: 0.045 ng

RT: 3.486 min Scan# 70

Delta R.T. -0.029 min

Lab File: BN032255.D

Acq: 26 Jun 2024 01:07

Instrument :

BNA_N

ClientSampleId :

EB-01-062124

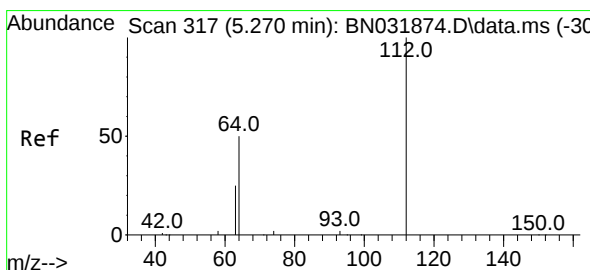
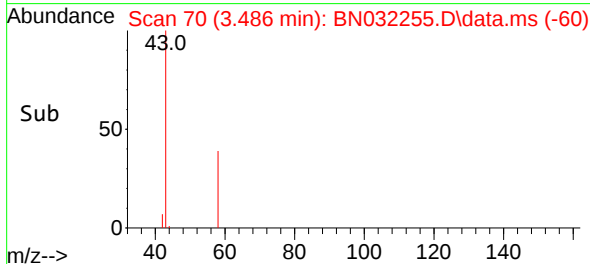
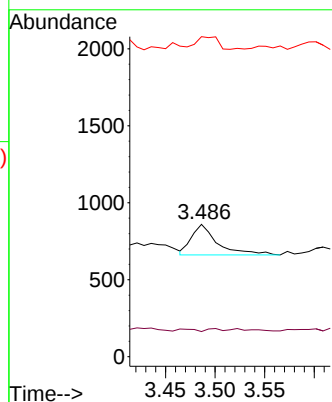
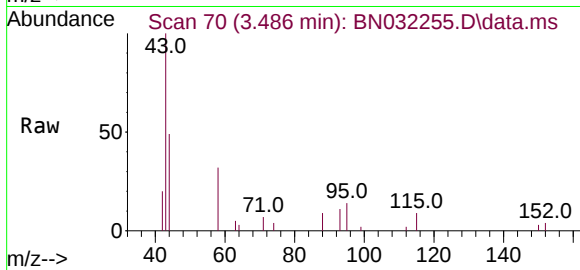
Tgt Ion: 42 Resp: 364

Ion Ratio Lower Upper

42 100

74 4.9 125.2 187.8#

44 33.5 6.9 10.3#



#4

2-Fluorophenol

Concen: 0.141 ng

RT: 5.241 min Scan# 313

Delta R.T. -0.007 min

Lab File: BN032255.D

Acq: 26 Jun 2024 01:07

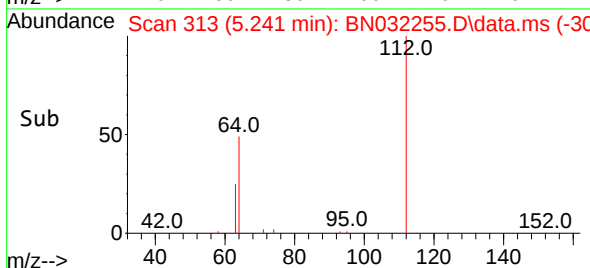
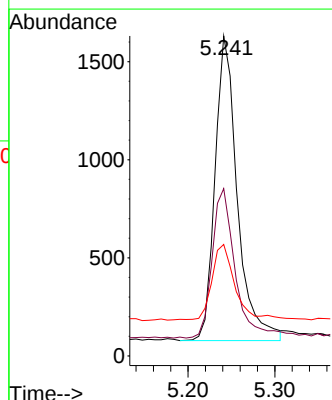
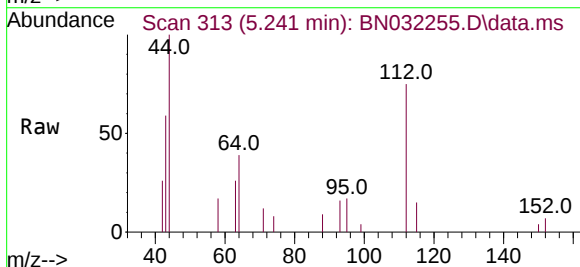
Tgt Ion: 112 Resp: 2780

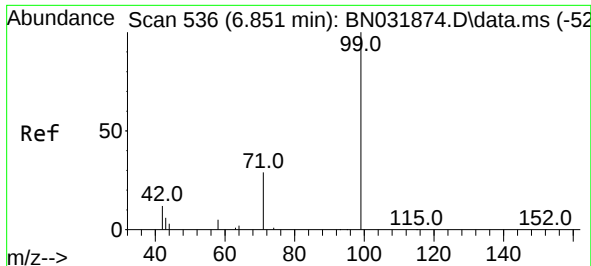
Ion Ratio Lower Upper

112 100

64 50.3 42.4 63.6

63 25.2 22.1 33.1

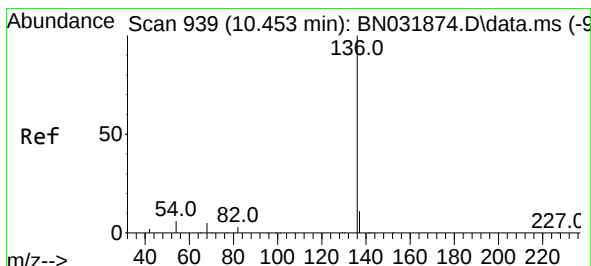
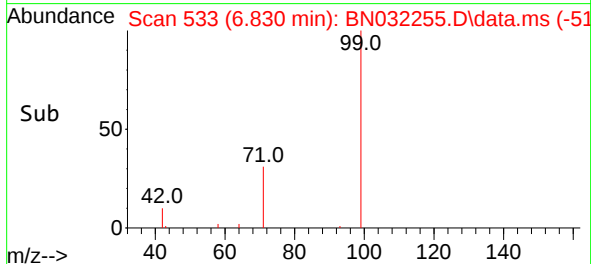
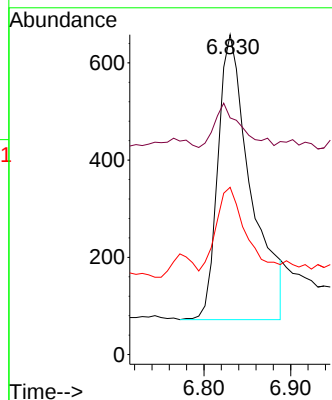
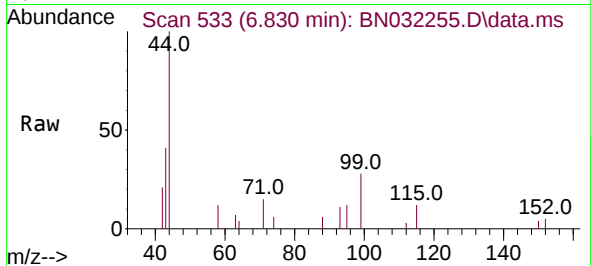




#5
Phenol-d6
Concen: 0.060 ng
RT: 6.830 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN032255.D
Acq: 26 Jun 2024 01:07

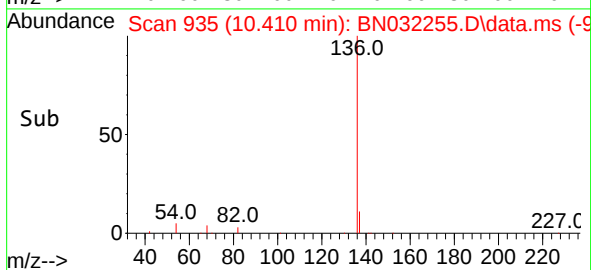
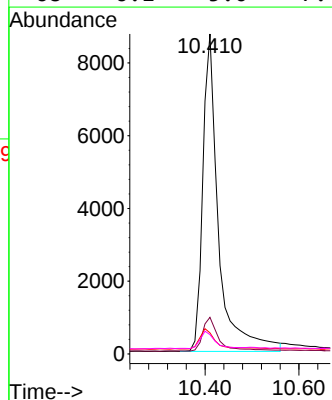
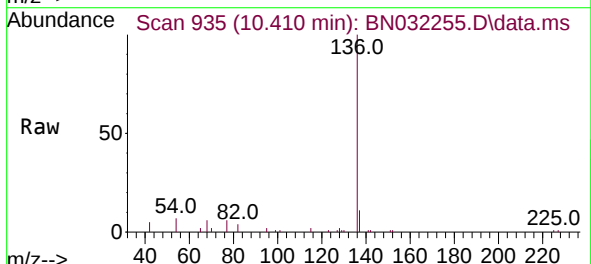
Instrument :
BNA_N
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EB-01-062124

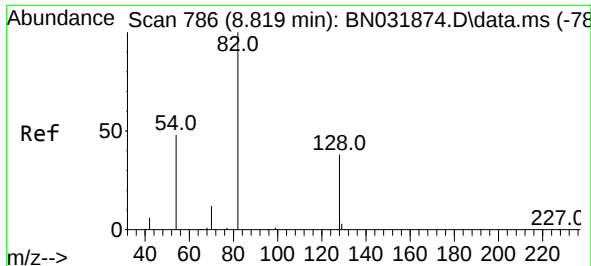
Tgt Ion: 99 Resp: 1540
Ion Ratio Lower Upper
99 100
42 12.1 12.8 19.2#
71 26.7 25.4 38.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.410 min Scan# 935
Delta R.T. -0.011 min
Lab File: BN032255.D
Acq: 26 Jun 2024 01:07

Tgt Ion: 136 Resp: 20258
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 6.6 5.6 8.4
68 6.1 5.0 7.4

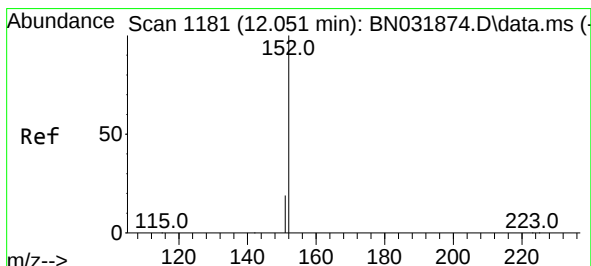
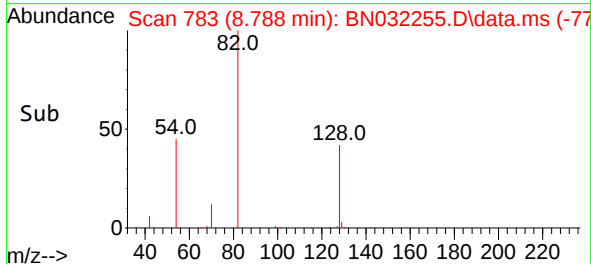
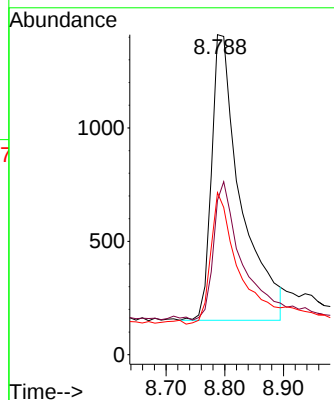
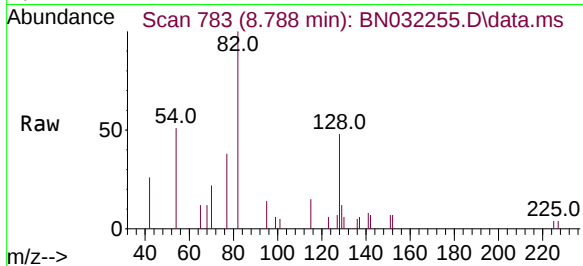




#8
Nitrobenzene-d5
Concen: 0.258 ng
RT: 8.788 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN032255.D
Acq: 26 Jun 2024 01:07

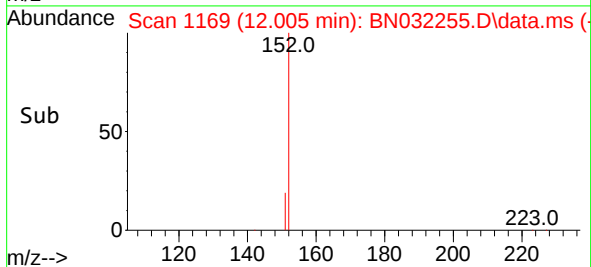
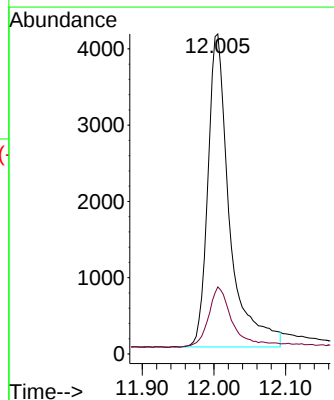
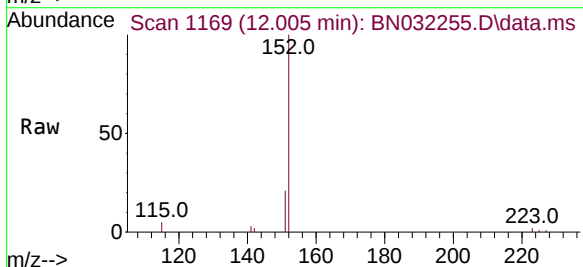
Instrument :
BNA_N
ClientSampleId :
EB-01-062124

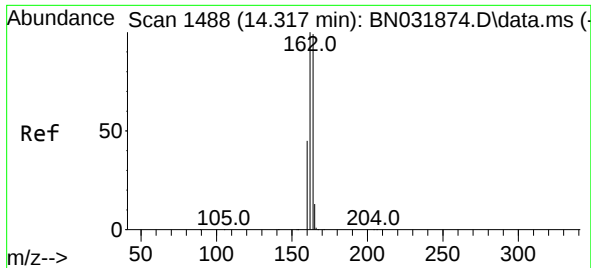
Tgt Ion: 82 Resp: 4343
Ion Ratio Lower Upper
82 100
128 48.3 32.1 48.1#
54 50.7 39.7 59.5



#11
2-Methylnaphthalene-d10
Concen: 0.268 ng
RT: 12.005 min Scan# 1169
Delta R.T. -0.015 min
Lab File: BN032255.D
Acq: 26 Jun 2024 01:07

Tgt Ion: 152 Resp: 8641
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5

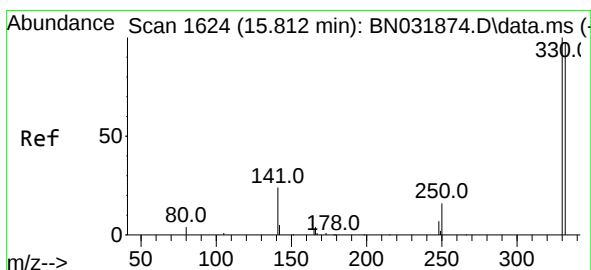
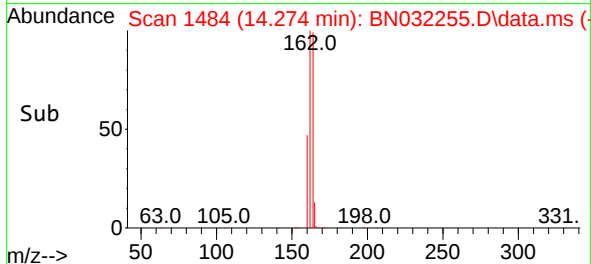
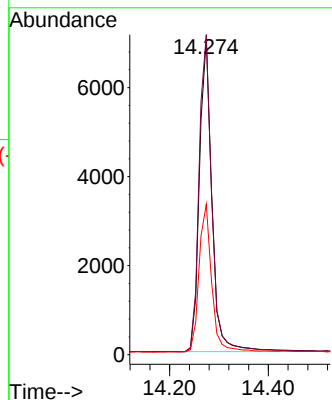
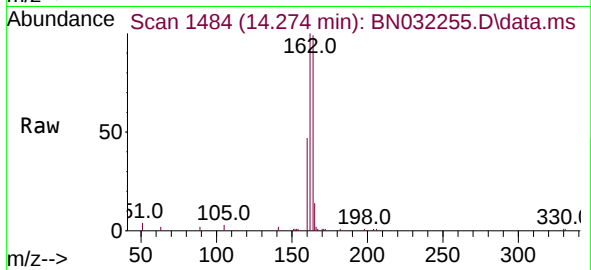




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.274 min Scan# 1488
Delta R.T. -0.011 min
Lab File: BN032255.D
Acq: 26 Jun 2024 01:07

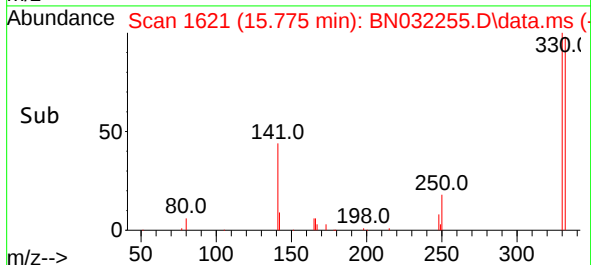
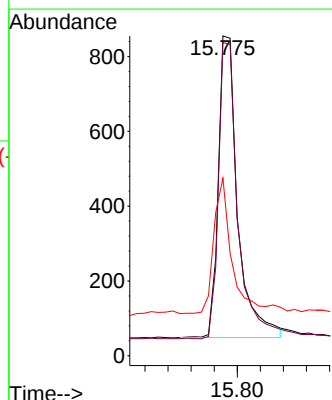
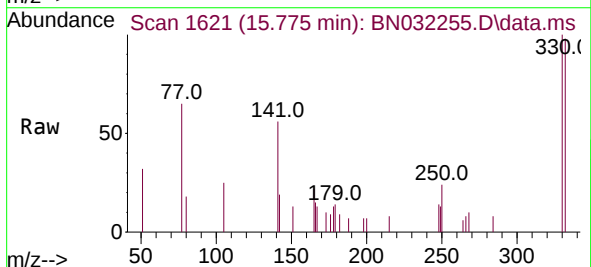
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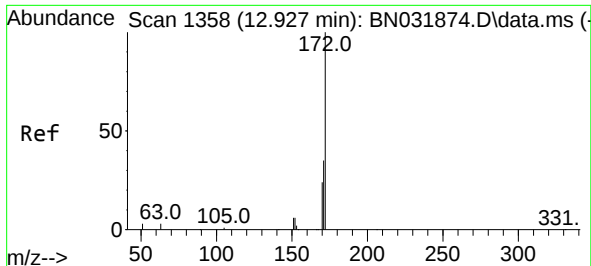
Tgt Ion:164 Resp: 12374
Ion Ratio Lower Upper
164 100
162 101.3 80.7 121.1
160 47.6 36.2 54.4



#14
2,4,6-Tribromophenol
Concen: 0.317 ng
RT: 15.775 min Scan# 1621
Delta R.T. -0.012 min
Lab File: BN032255.D
Acq: 26 Jun 2024 01:07

Tgt Ion:330 Resp: 1883
Ion Ratio Lower Upper
330 100
332 97.8 77.5 116.3
141 41.9 34.7 52.1

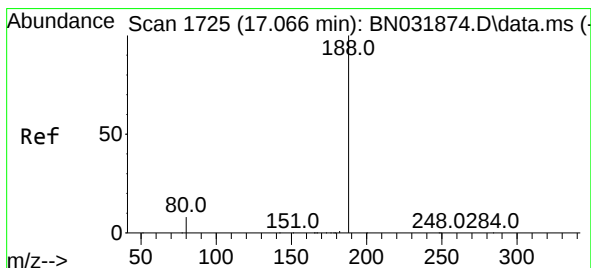
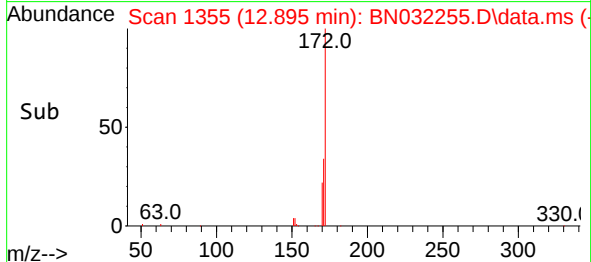
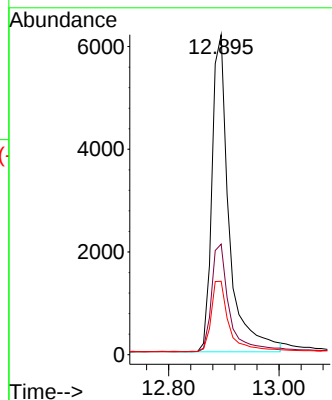
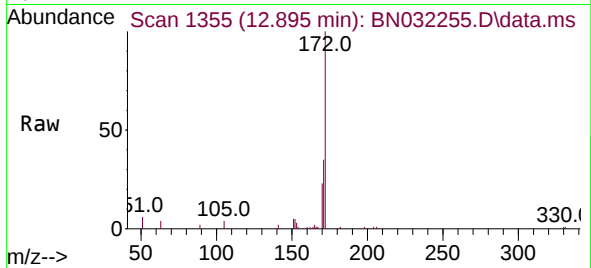




#15
2-Fluorobiphenyl
Concen: 0.285 ng
RT: 12.895 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN032255.D
Acq: 26 Jun 2024 01:07

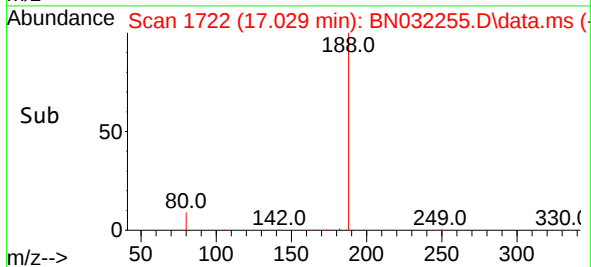
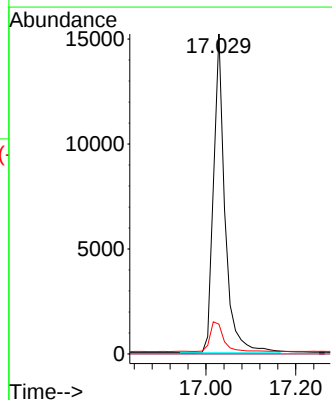
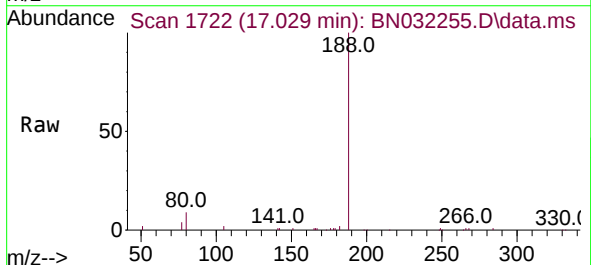
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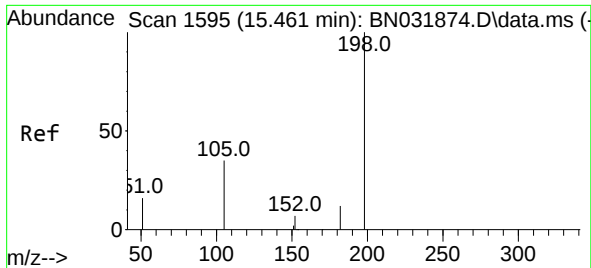
Tgt Ion:172 Resp: 13385
Ion Ratio Lower Upper
172 100
171 34.5 28.6 42.8
170 22.9 19.2 28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.029 min Scan# 1722
Delta R.T. 0.000 min
Lab File: BN032255.D
Acq: 26 Jun 2024 01:07

Tgt Ion:188 Resp: 26823
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 6.4 9.6

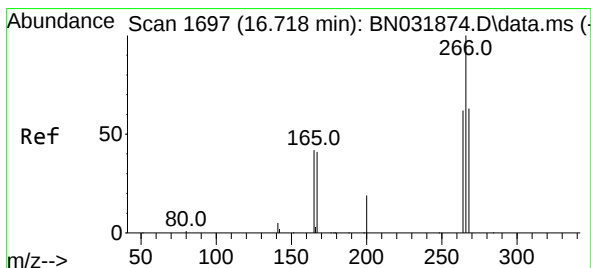
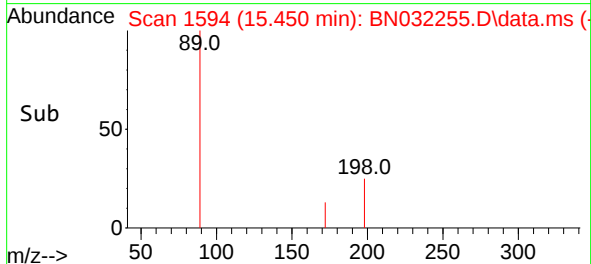
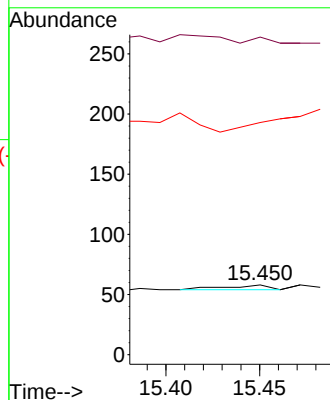
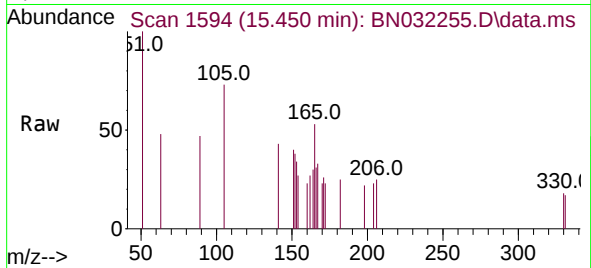




#20
4,6-Dinitro-2-methylphenol
Concen: 0.176 ng
RT: 15.450 min Scan# 1594
Delta R.T. 0.011 min
Lab File: BN032255.D
Acq: 26 Jun 2024 01:07

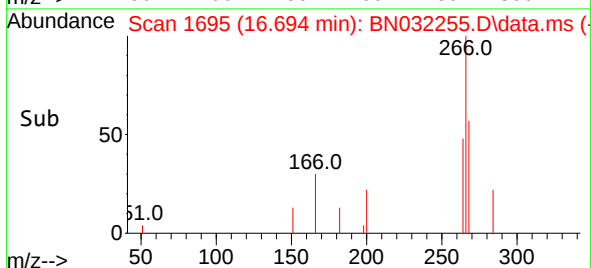
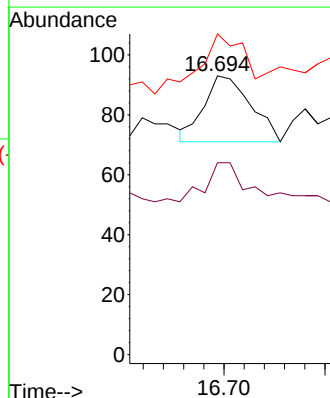
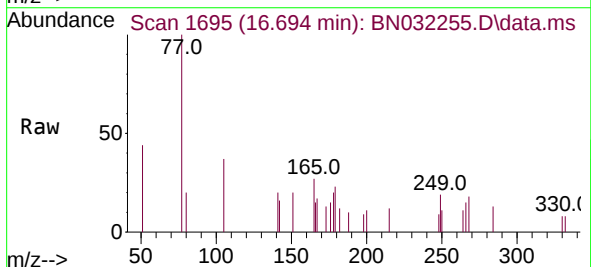
Instrument :
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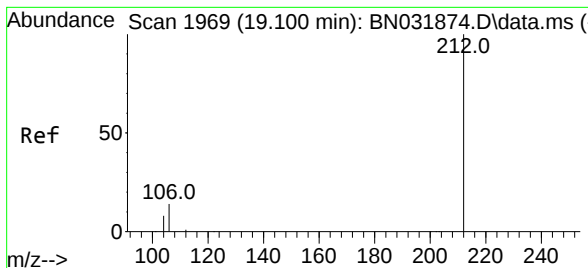
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 455.2 42.7 64.1#
105 332.8 41.8 62.8#



#24
Pentachlorophenol
Concen: 0.178 ng
RT: 16.694 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BN032255.D
Acq: 26 Jun 2024 01:07

Tgt Ion:266 Resp: 71
Ion Ratio Lower Upper
266 100
264 54.9 50.0 75.0
268 95.8 51.0 76.6#

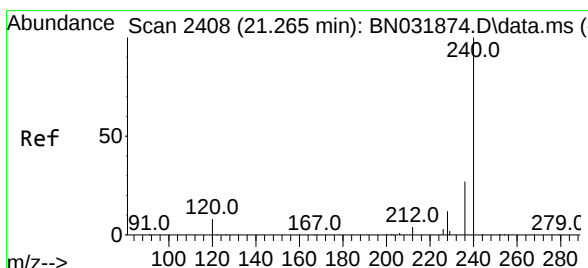
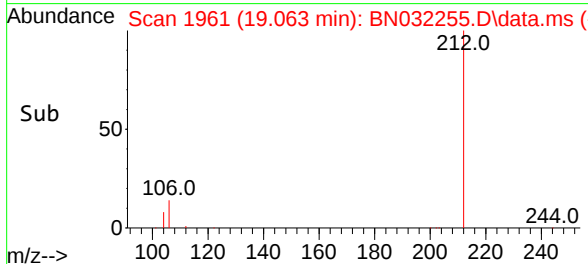
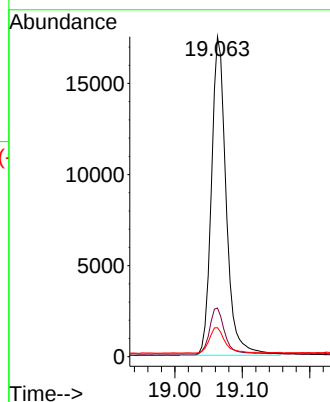
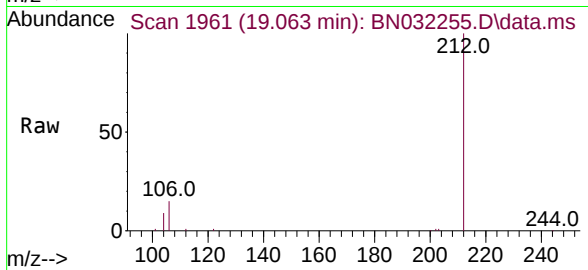




#27
Fluoranthene-d10
Concen: 0.365 ng
RT: 19.063 min Scan# 1961
Delta R.T. -0.009 min
Lab File: BN032255.D
Acq: 26 Jun 2024 01:07

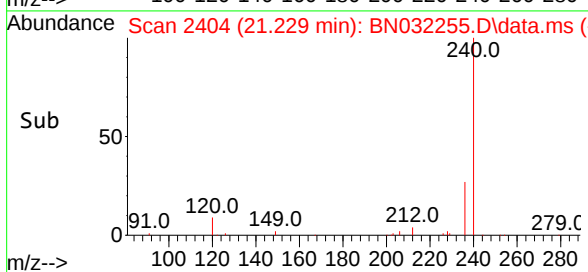
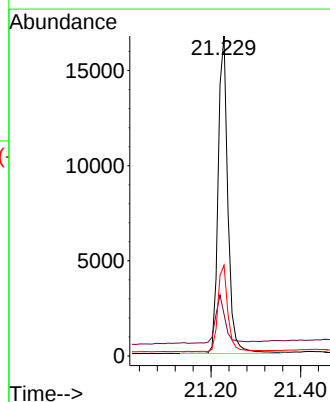
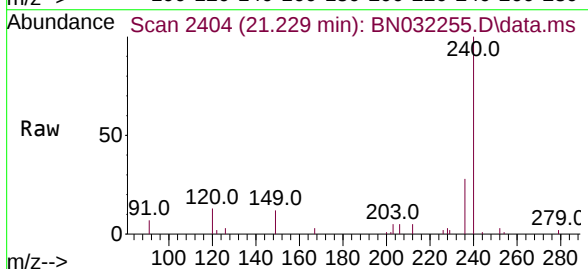
Instrument :
BNA_N
ClientSampleId :
EB-01-062124

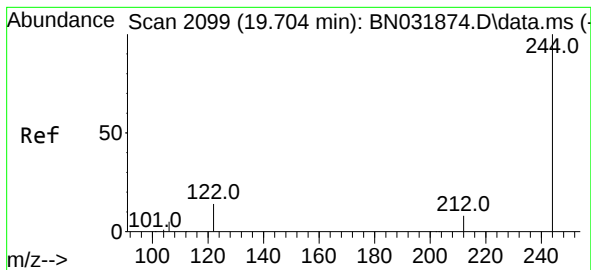
Tgt Ion:212 Resp: 26626
Ion Ratio Lower Upper
212 100
106 14.7 11.8 17.8
104 8.3 6.6 10.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.229 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BN032255.D
Acq: 26 Jun 2024 01:07

Tgt Ion:240 Resp: 25338
Ion Ratio Lower Upper
240 100
120 13.0 8.2 12.4#
236 28.3 21.8 32.8





#31

Terphenyl-d14

Concen: 0.329 ng

RT: 19.667 min Scan# 2099

Delta R.T. -0.005 min

Lab File: BN032255.D

Acq: 26 Jun 2024 01:07

Instrument :

BNA_N

ClientSampleId :

EB-01-062124

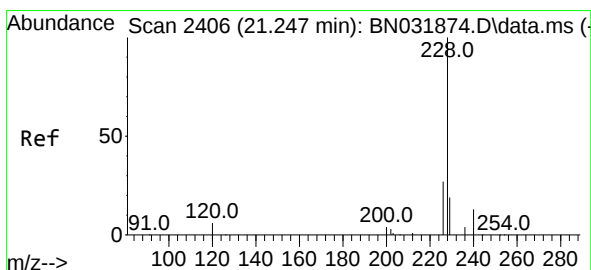
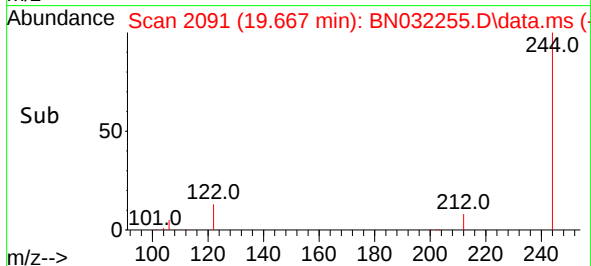
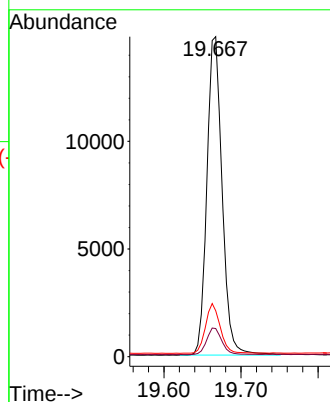
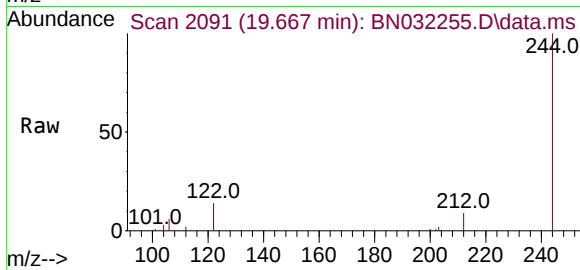
Tgt Ion:244 Resp: 20359

Ion Ratio Lower Upper

244 100

212 8.8 6.5 9.7

122 14.4 11.4 17.0



#32

Benzo(a)anthracene

Concen: 0.021 ng

RT: 21.211 min Scan# 2402

Delta R.T. 0.000 min

Lab File: BN032255.D

Acq: 26 Jun 2024 01:07

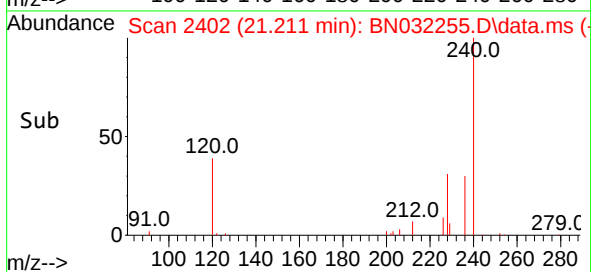
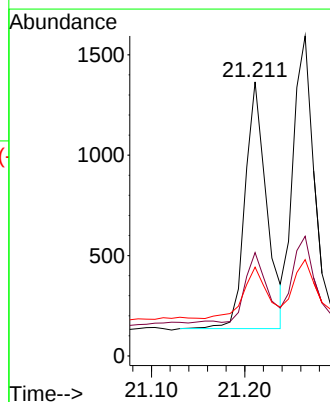
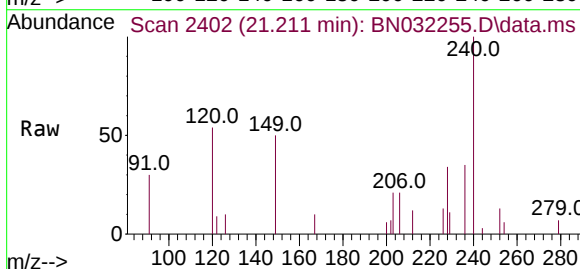
Tgt Ion:228 Resp: 1975

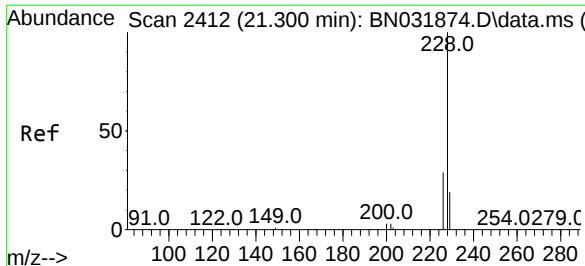
Ion Ratio Lower Upper

228 100

226 37.7 21.8 32.6#

229 32.4 15.8 23.8#





#33

Chrysene

Concen: 0.024 ng

RT: 21.265 min Scan# 2412

Delta R.T. 0.000 min

Lab File: BN032255.D

Acq: 26 Jun 2024 01:07

Instrument :

BNA_N

ClientSampleId :

EB-01-062124

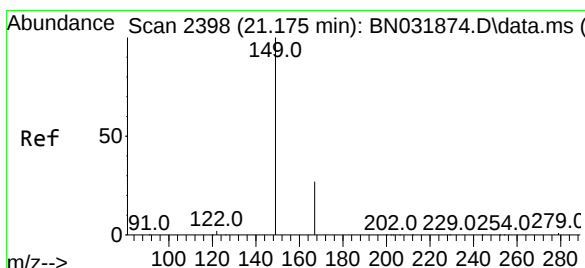
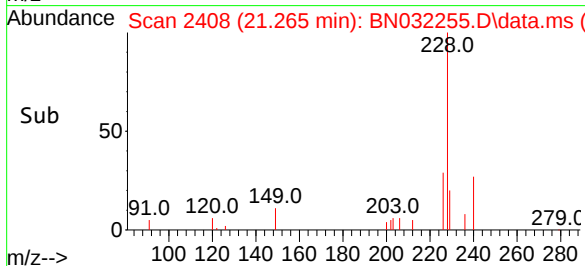
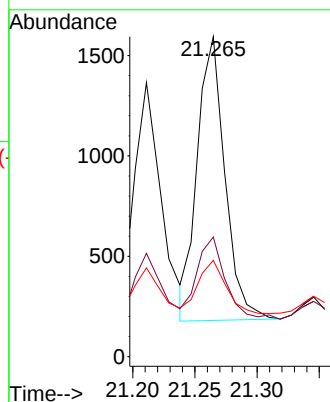
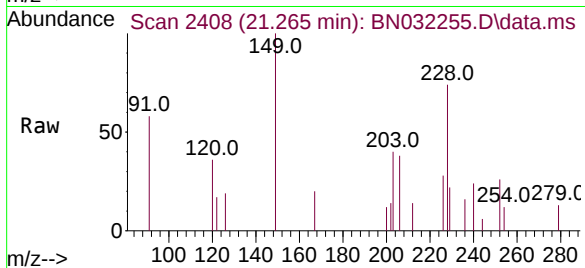
Tgt Ion:228 Resp: 2182

Ion Ratio Lower Upper

228 100

226 37.4 23.6 35.4#

229 30.1 15.8 23.6#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.205 ng

RT: 21.130 min Scan# 2393

Delta R.T. -0.018 min

Lab File: BN032255.D

Acq: 26 Jun 2024 01:07

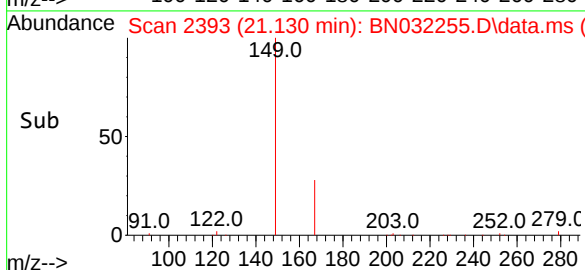
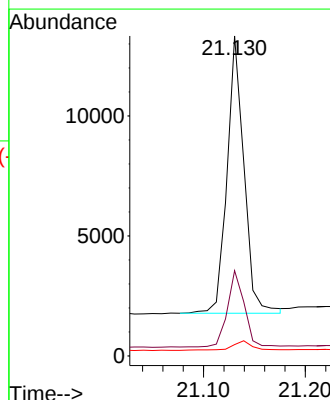
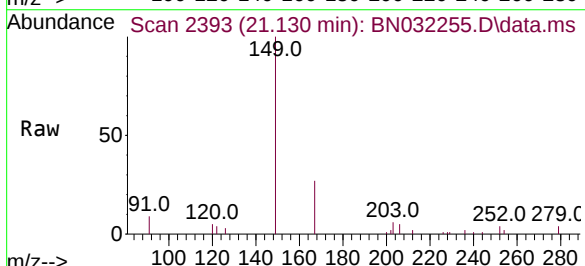
Tgt Ion:149 Resp: 13354

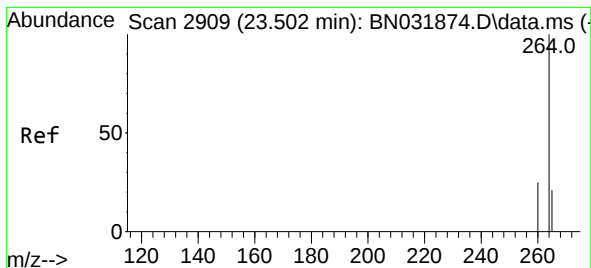
Ion Ratio Lower Upper

149 100

167 27.7 22.5 33.7

279 4.1 2.9 4.3





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.449 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN032255.D

Acq: 26 Jun 2024 01:07

Instrument :

BNA_N

ClientSampleId :

EB-01-062124

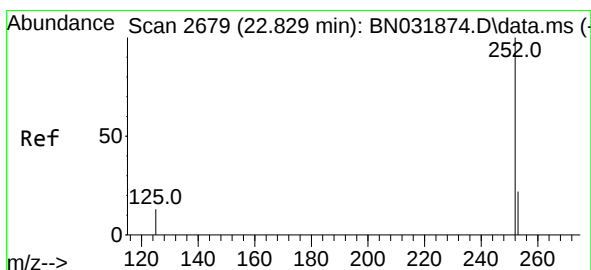
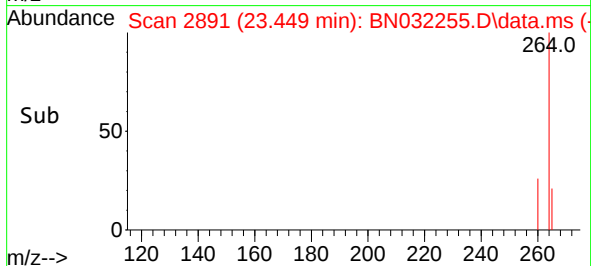
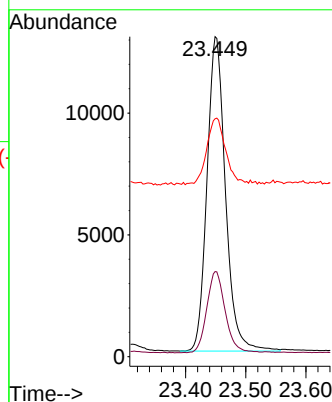
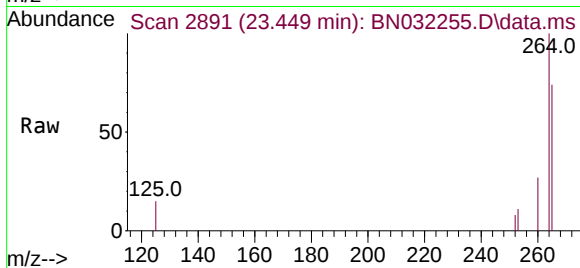
Tgt Ion:264 Resp: 27525

Ion Ratio Lower Upper

264 100

260 26.6 20.5 30.7

265 74.4 39.6 59.4#



#37

Benzo(b)fluoranthene

Concen: 0.035 ng

RT: 22.782 min Scan# 2663

Delta R.T. -0.003 min

Lab File: BN032255.D

Acq: 26 Jun 2024 01:07

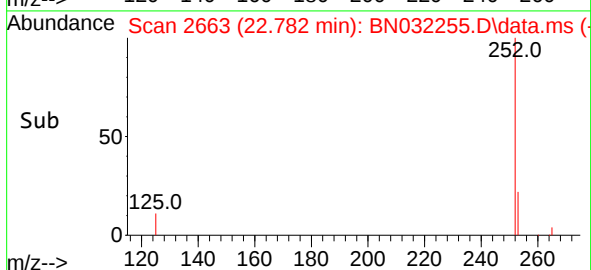
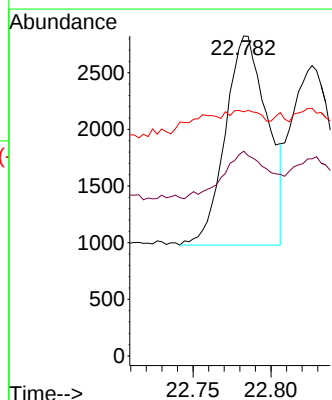
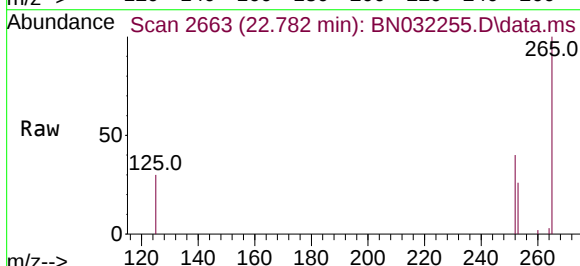
Tgt Ion:252 Resp: 3475

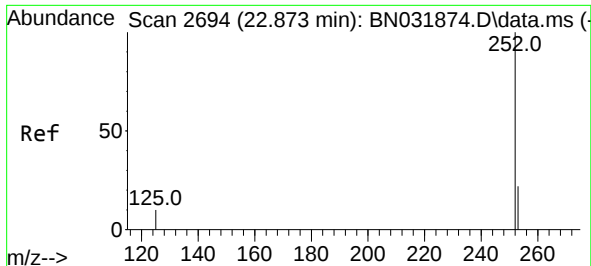
Ion Ratio Lower Upper

252 100

253 64.0 20.2 30.2#

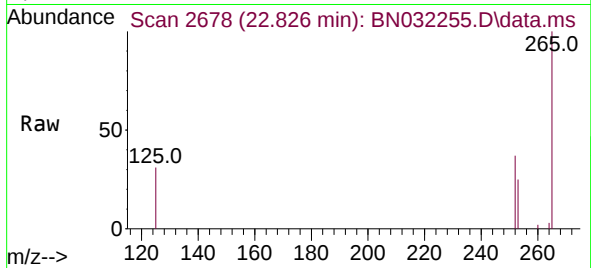
125 76.3 14.2 21.4#



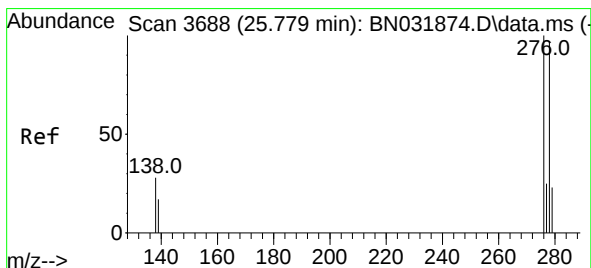
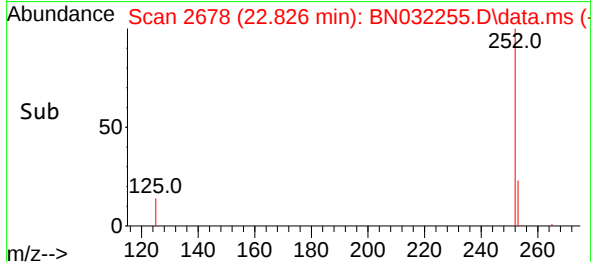
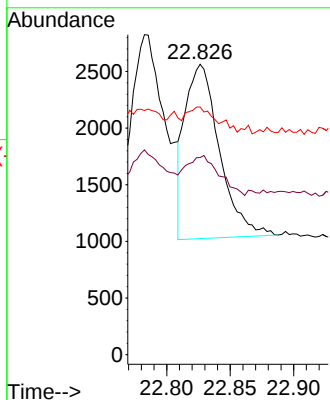


#38
Benzo(k)fluoranthene
Concen: 0.031 ng
RT: 22.826 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN032255.D
Acq: 26 Jun 2024 01:07

Instrument :
BNA_N
ClientSampleId :
EB-01-062124



Tgt Ion:252 Resp: 2900
Ion Ratio Lower Upper
252 100
253 67.9 19.9 29.9#
125 85.3 13.0 19.4#



#40
Dibenzo(a,h)anthracene
Concen: 0.025 ng
RT: 25.712 min Scan# 3665
Delta R.T. 0.006 min
Lab File: BN032255.D
Acq: 26 Jun 2024 01:07

Tgt Ion:278 Resp: 2027
Ion Ratio Lower Upper
278 100
139 74.7 17.0 25.4#
279 82.5 21.4 32.0#

