

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
 Data File : BN033566.D
 Acq On : 22 Aug 2024 23:52
 Operator : MA/JU
 Sample : P3671-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-912-J-SO-0.5-1-081924

Quant Time: Aug 23 01:35:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 00:22:18 2024
 Response via : Initial Calibration

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

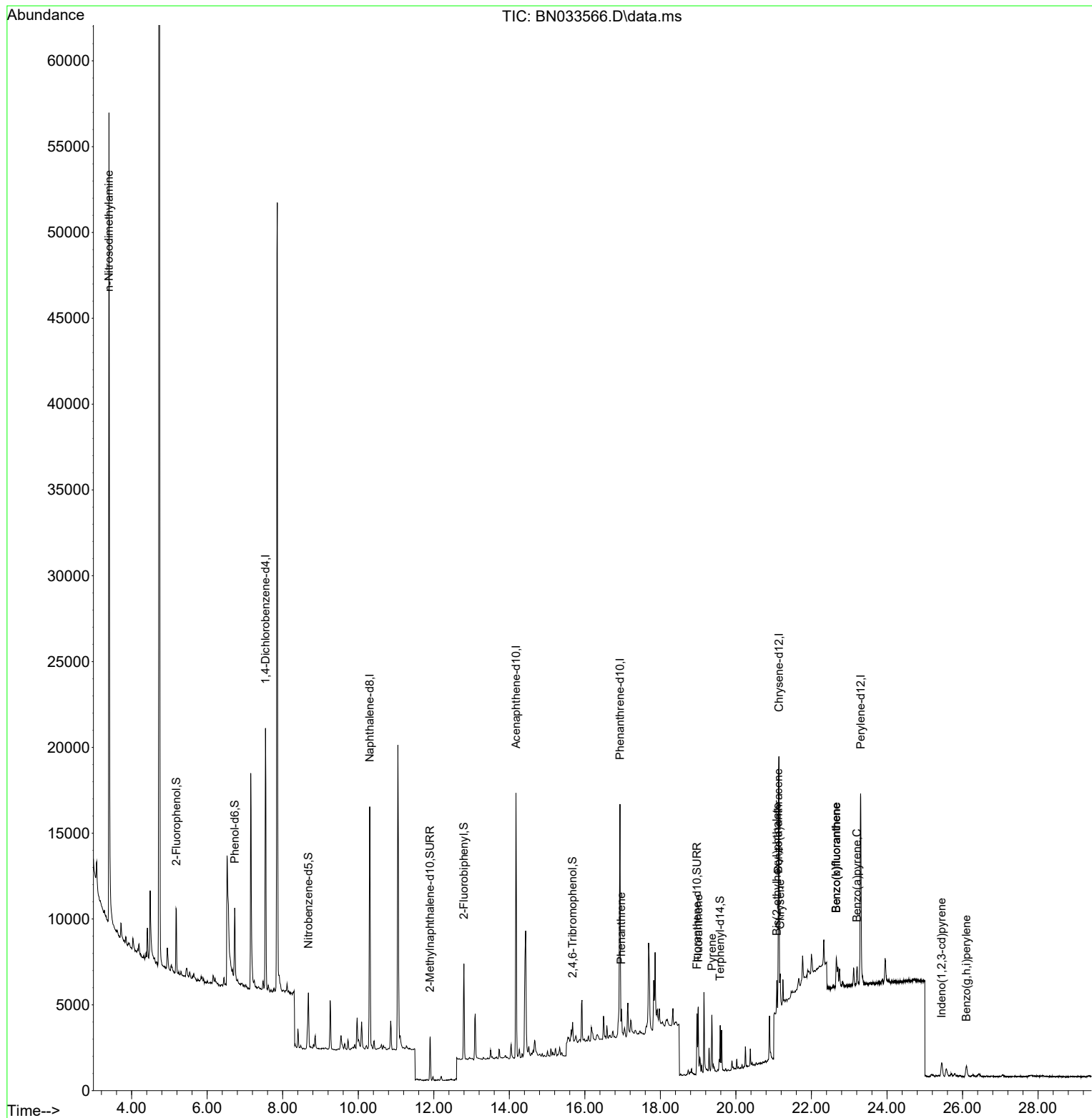
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	7004	0.400	ng	0.00
7) Naphthalene-d8	10.304	136	17932	0.400	ng	0.00
13) Acenaphthene-d10	14.178	164	8339	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	15941	0.400	ng	0.00
29) Chrysene-d12	21.139	240	12739	0.400	ng	0.00
35) Perylene-d12	23.303	264	14091	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	2850	0.128	ng	0.00
5) Phenol-d6	6.729	99	3436	0.130	ng	0.00
8) Nitrobenzene-d5	8.681	82	2456	0.165	ng	0.00
11) 2-Methylnaphthalene-d10	11.903	152	3335	0.130	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	510	0.114	ng	0.00
15) 2-Fluorobiphenyl	12.799	172	4495	0.132	ng	0.00
27) Fluoranthene-d10	18.970	212	3658	0.095	ng	0.00
31) Terphenyl-d14	19.583	244	2336	0.081	ng	0.00
Target Compounds					Qvalue	
3) n-Nitrosodimethylamine	3.399	42	6245	0.666	ng	# 1
25) Phenanthrene	16.966	178	1639	0.037	ng	97
28) Fluoranthene	19.003	202	3312	0.068	ng	96
30) Pyrene	19.365	202	3002	0.053	ng	# 94
32) Benzo(a)anthracene	21.121	228	1564	0.034	ng	# 86
33) Chrysene	21.175	228	1927	0.042	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.085	149	7751	0.266	ng	# 92
36) Indeno(1,2,3-cd)pyrene	25.449	276	1204	0.021	ng	97
37) Benzo(b)fluoranthene	22.660	252	2721	0.052	ng	# 21
38) Benzo(k)fluoranthene	22.660	252	2721	0.053	ng	# 24
39) Benzo(a)pyrene	23.206	252	1561	0.036	ng	# 1
41) Benzo(g,h,i)perylene	26.104	276	1201	0.024	ng	# 51

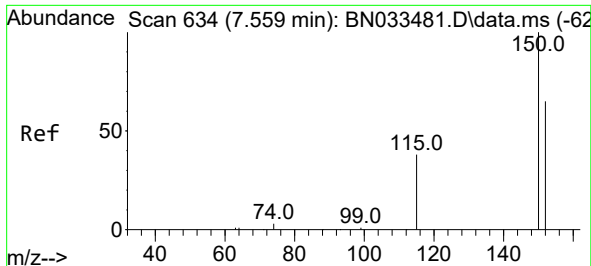
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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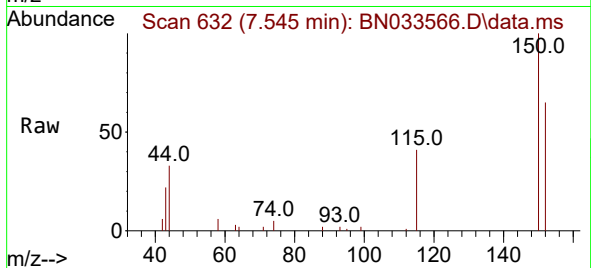
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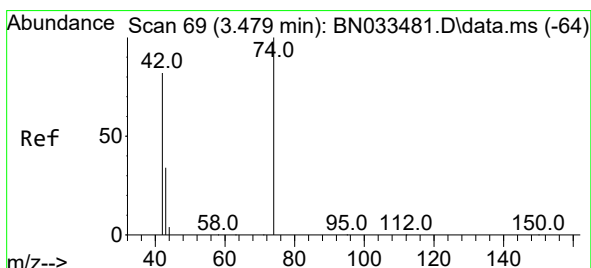
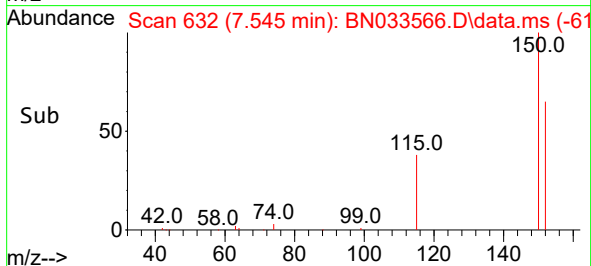
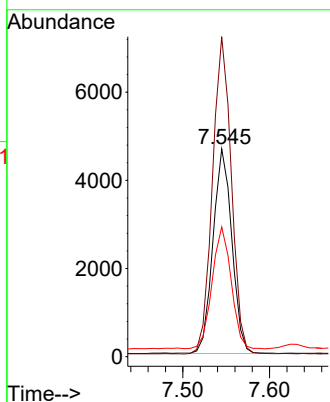


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.545 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN033566.D
Acq: 22 Aug 2024 23:52

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BNA_N
ClientSampleId :
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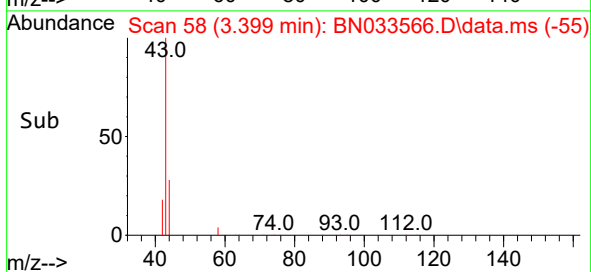
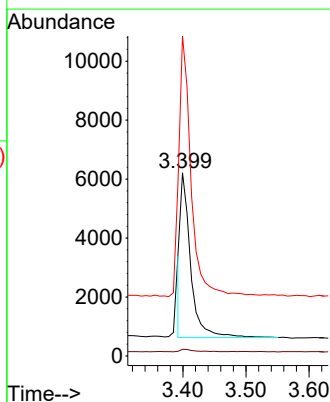
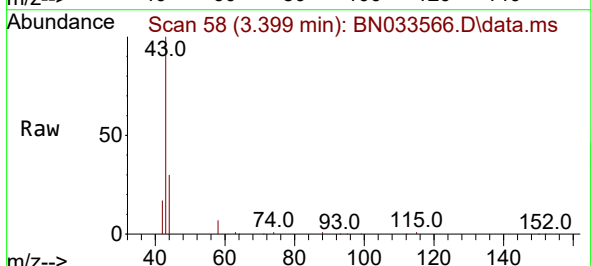


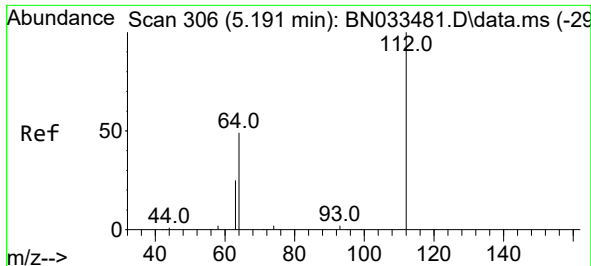
Tgt Ion:152 Resp: 7004
Ion Ratio Lower Upper
152 100
150 154.0 122.2 183.2
115 62.5 47.2 70.8



#3
n-Nitrosodimethylamine
Concen: 0.666 ng
RT: 3.399 min Scan# 58
Delta R.T. -0.080 min
Lab File: BN033566.D
Acq: 22 Aug 2024 23:52

Tgt Ion: 42 Resp: 6245
Ion Ratio Lower Upper
42 100
74 1.8 100.2 150.2#
44 158.9 5.3 7.9#

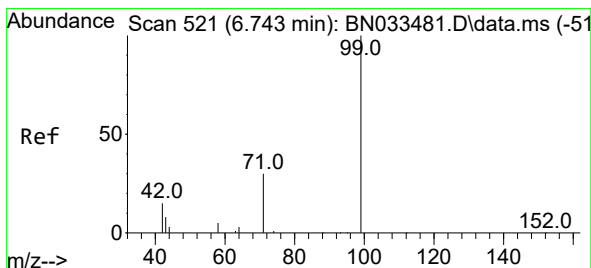
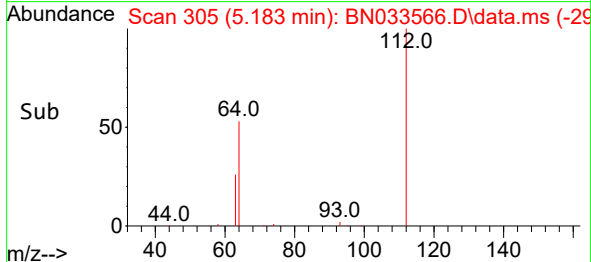
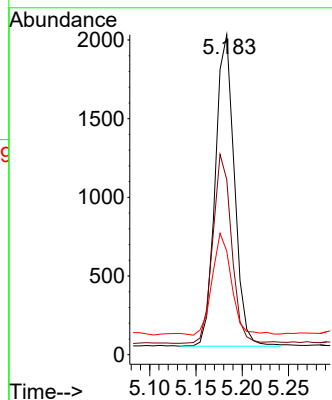
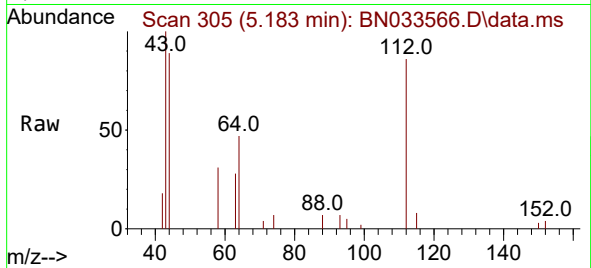




#4
2-Fluorophenol
Concen: 0.128 ng
RT: 5.183 min Scan# 306
Delta R.T. 0.007 min
Lab File: BN033566.D
Acq: 22 Aug 2024 23:52

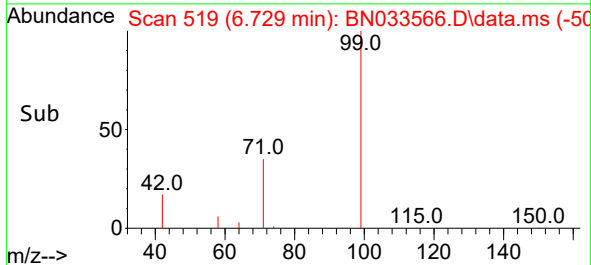
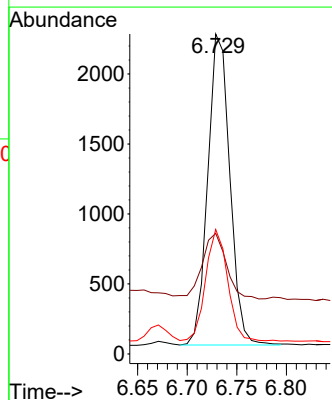
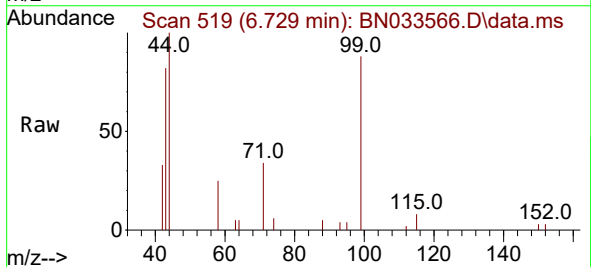
Instrument :
BNA_N
ClientSampleId :
S-912-J-SO-0.5-1-081924

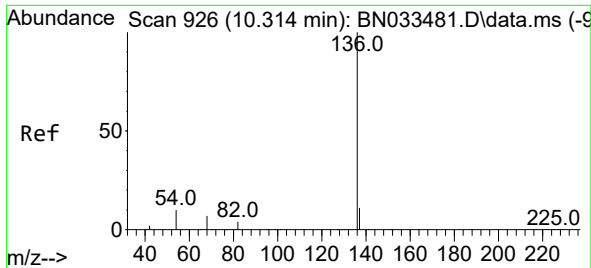
Tgt Ion:	112	Resp:	2850
Ion Ratio	Lower	Upper	
112	100		
64	59.5	47.1	70.7
63	33.1	24.9	37.3



#5
Phenol-d6
Concen: 0.130 ng
RT: 6.729 min Scan# 519
Delta R.T. -0.000 min
Lab File: BN033566.D
Acq: 22 Aug 2024 23:52

Tgt Ion:	99	Resp:	3436
Ion Ratio	Lower	Upper	
99	100		
42	23.0	16.6	24.8
71	35.7	26.2	39.4

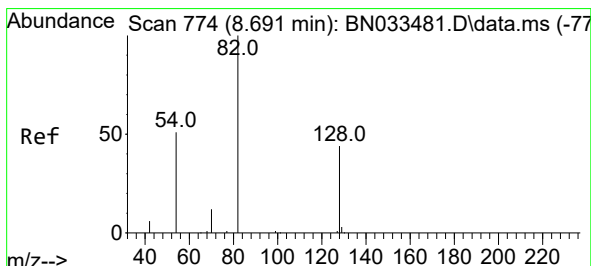
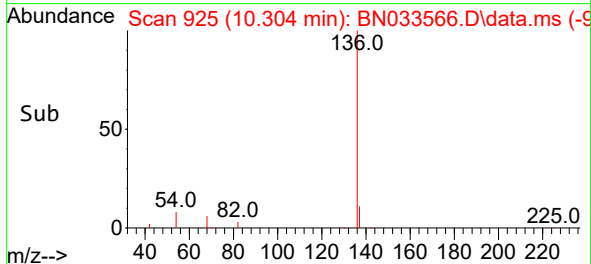
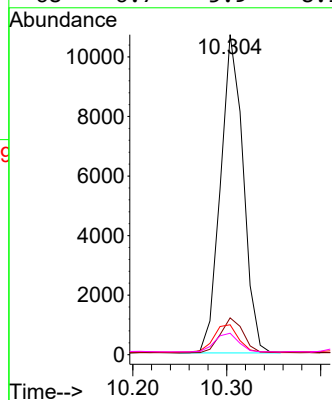
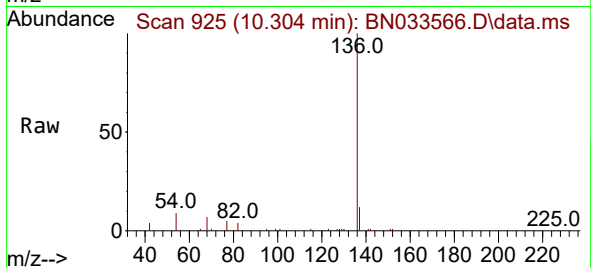




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.304 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN033566.D
Acq: 22 Aug 2024 23:52

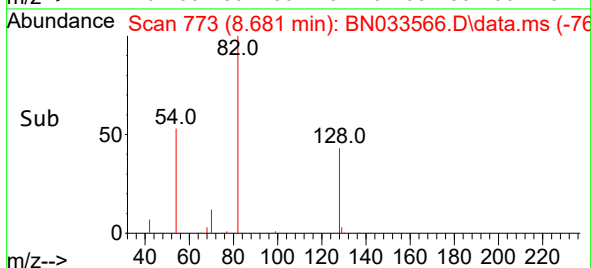
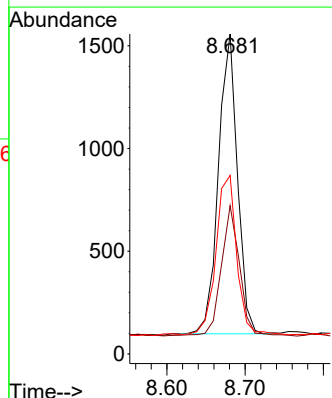
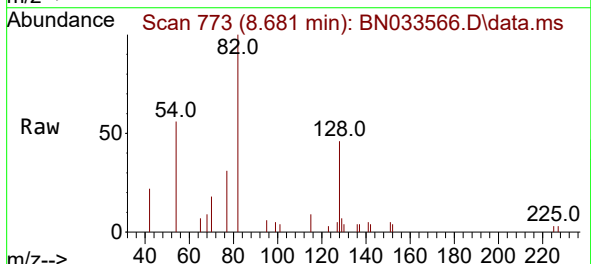
Instrument :
BNA_N
ClientSampleId :
S-912-J-SO-0.5-1-081924

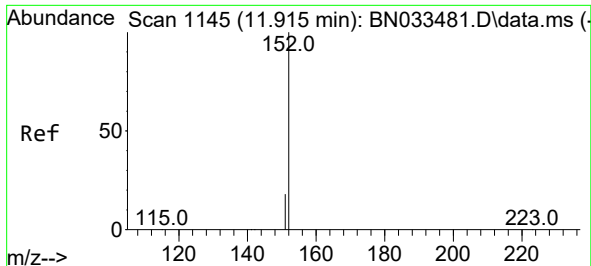
Tgt Ion:	136	Resp:	17932
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	9.3	8.3	12.5
68	6.7	5.9	8.9



#8
Nitrobenzene-d5
Concen: 0.165 ng
RT: 8.681 min Scan# 773
Delta R.T. -0.000 min
Lab File: BN033566.D
Acq: 22 Aug 2024 23:52

Tgt Ion:	82	Resp:	2456
Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.0	54.0
54	55.8	42.0	63.0





#11

2-Methylnaphthalene-d10

Concen: 0.130 ng

RT: 11.903 min Scan# 1142

Delta R.T. -0.000 min

Lab File: BN033566.D

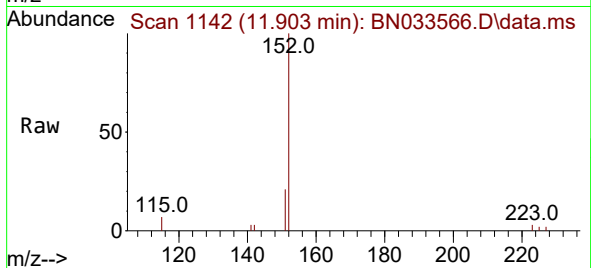
Acq: 22 Aug 2024 23:52

Instrument :

BNA_N

ClientSampleId :

S-912-J-SO-0.5-1-081924

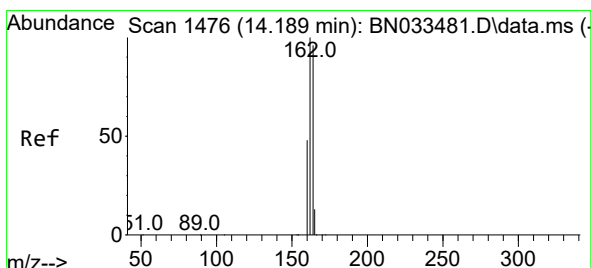
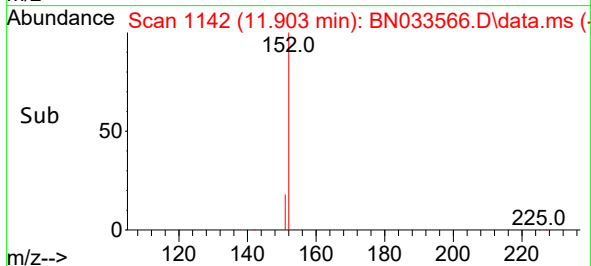
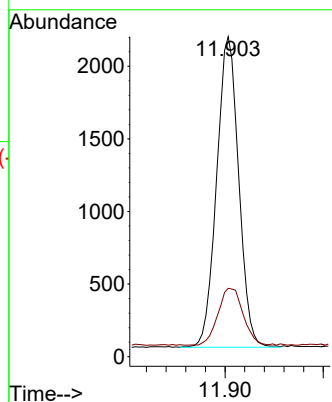


Tgt Ion:152 Resp: 3335

Ion Ratio Lower Upper

152 100

151 20.7 16.6 25.0



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.178 min Scan# 1475

Delta R.T. -0.000 min

Lab File: BN033566.D

Acq: 22 Aug 2024 23:52

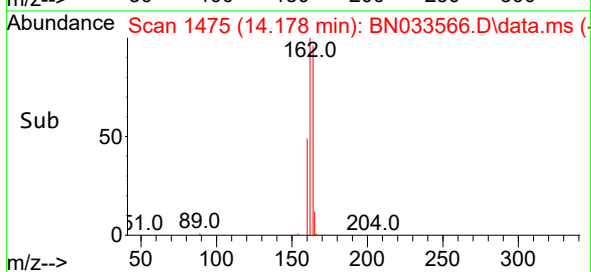
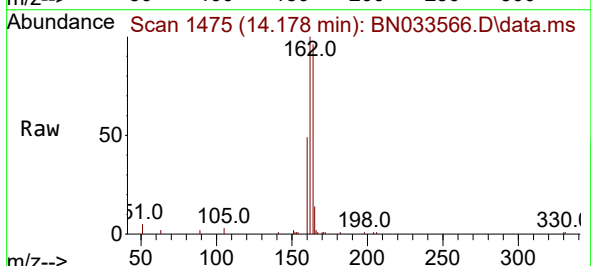
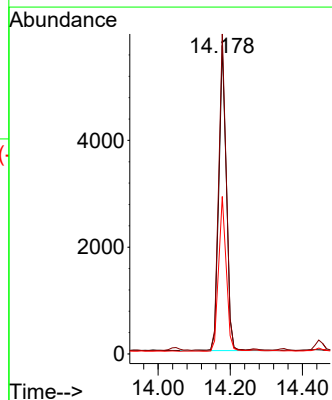
Tgt Ion:164 Resp: 8339

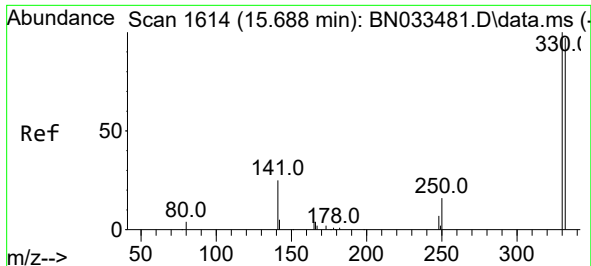
Ion Ratio Lower Upper

164 100

162 103.7 83.5 125.3

160 51.0 40.2 60.4

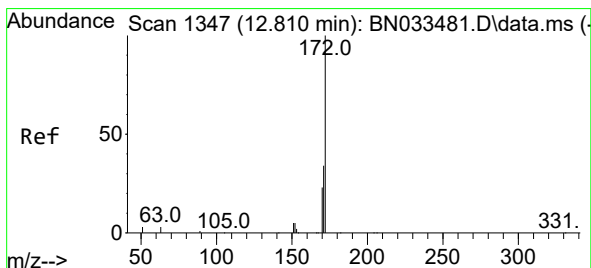
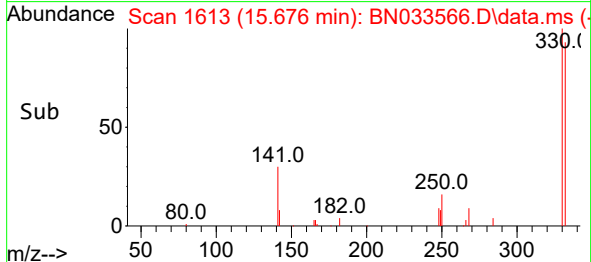
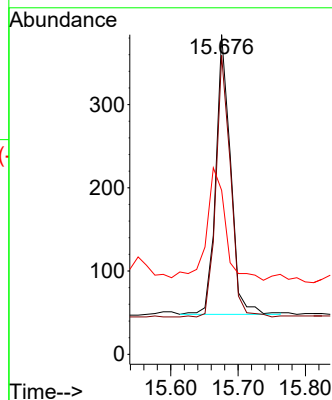
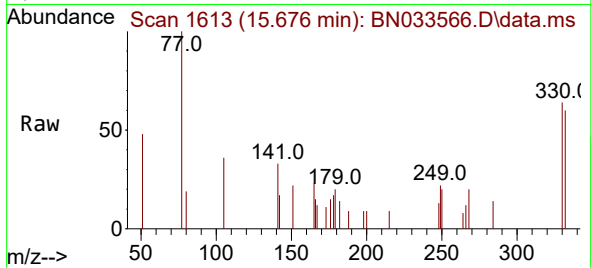




#14
2,4,6-Tribromophenol
Concen: 0.114 ng
RT: 15.676 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033566.D
Acq: 22 Aug 2024 23:52

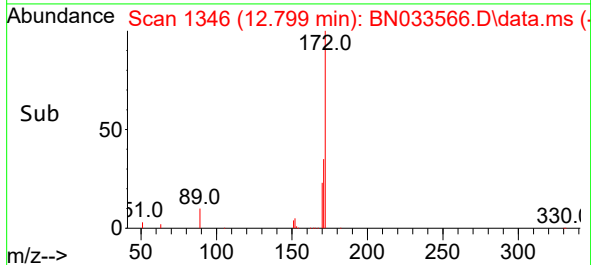
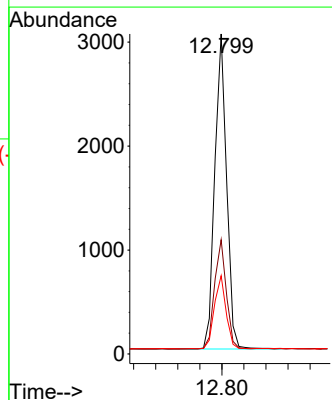
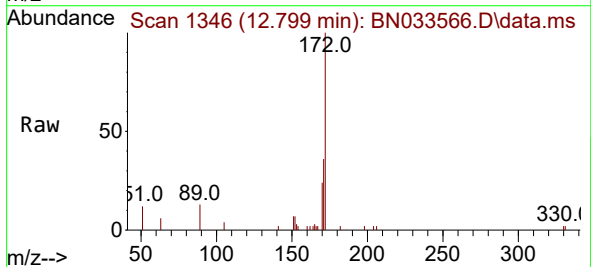
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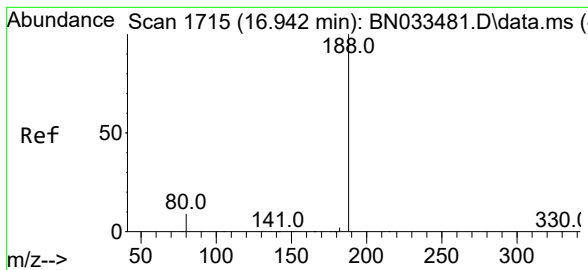
Tgt Ion:330 Resp: 510
Ion Ratio Lower Upper
330 100
332 92.4 77.5 116.3
141 52.2 33.9 50.9#



#15
2-Fluorobiphenyl
Concen: 0.132 ng
RT: 12.799 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BN033566.D
Acq: 22 Aug 2024 23:52

Tgt Ion:172 Resp: 4495
Ion Ratio Lower Upper
172 100
171 35.7 27.7 41.5
170 24.5 18.3 27.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.929 min Scan# 1714

Delta R.T. -0.000 min

Lab File: BN033566.D

Acq: 22 Aug 2024 23:52

Instrument :

BNA_N

ClientSampleId :

S-912-J-SO-0.5-1-081924

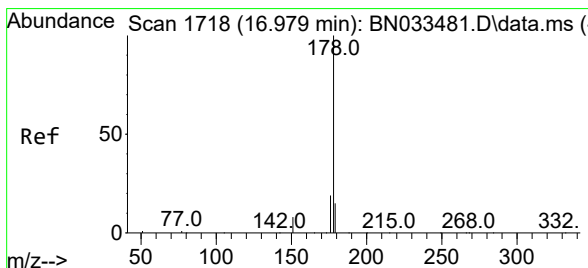
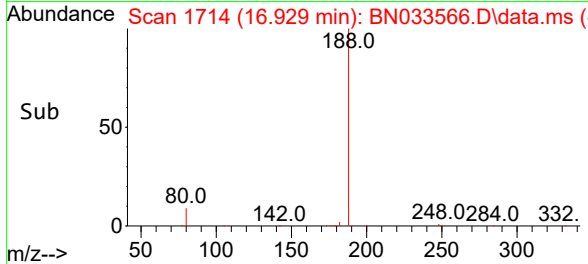
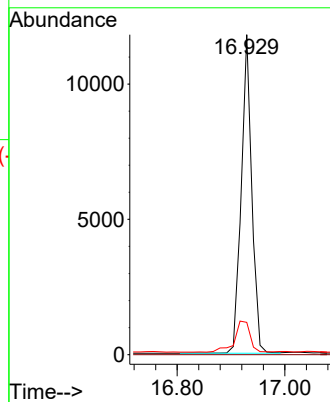
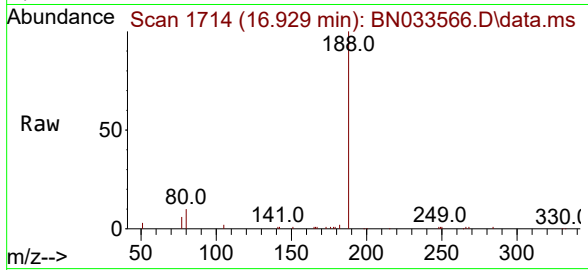
Tgt Ion:188 Resp: 15941

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.1 7.8 11.8



#25

Phenanthrene

Concen: 0.037 ng

RT: 16.966 min Scan# 1717

Delta R.T. -0.000 min

Lab File: BN033566.D

Acq: 22 Aug 2024 23:52

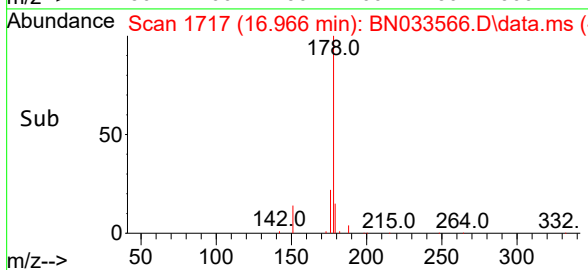
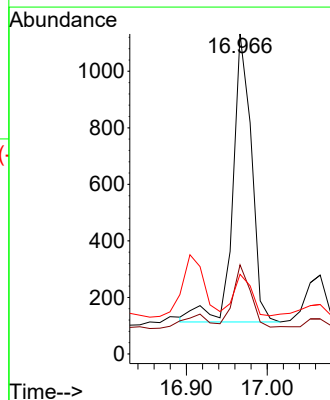
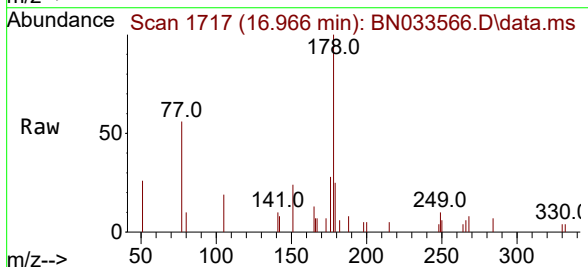
Tgt Ion:178 Resp: 1639

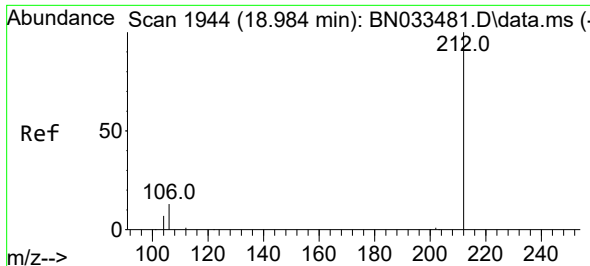
Ion Ratio Lower Upper

178 100

176 19.8 15.3 22.9

179 13.7 12.3 18.5

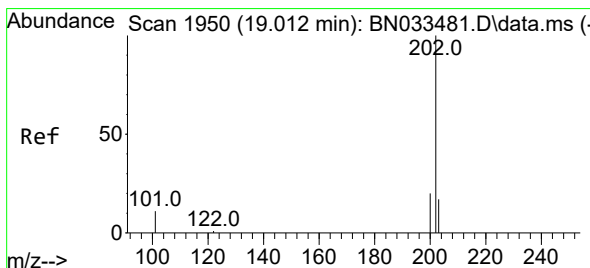
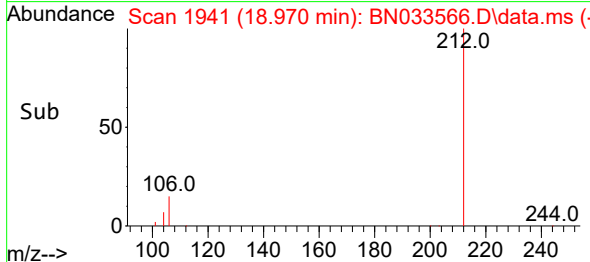
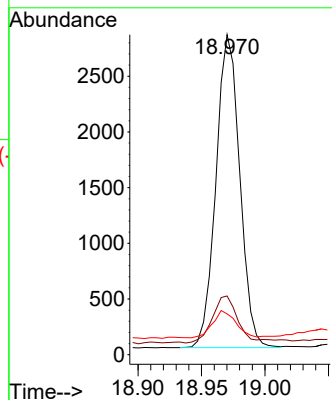
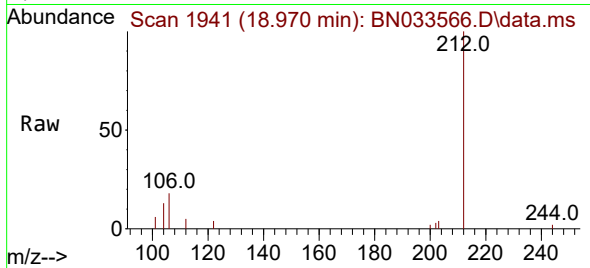




#27
Fluoranthene-d10
Concen: 0.095 ng
RT: 18.970 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BN033566.D
Acq: 22 Aug 2024 23:52

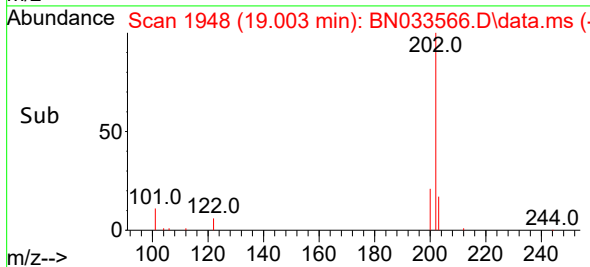
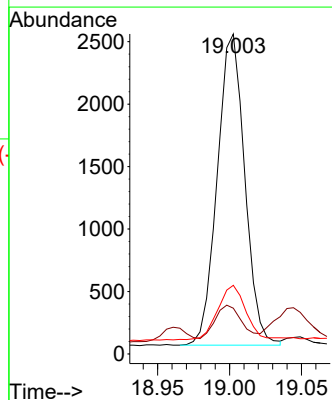
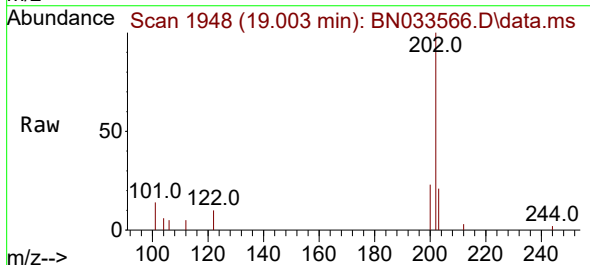
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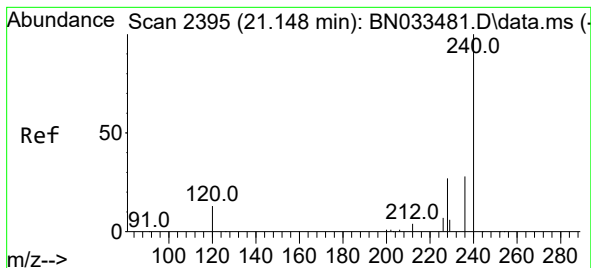
Tgt Ion:212 Resp: 3658
Ion Ratio Lower Upper
212 100
106 16.9 12.3 18.5
104 8.5 7.0 10.4



#28
Fluoranthene
Concen: 0.068 ng
RT: 19.003 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BN033566.D
Acq: 22 Aug 2024 23:52

Tgt Ion:202 Resp: 3312
Ion Ratio Lower Upper
202 100
101 11.0 9.5 14.3
203 19.2 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.139 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN033566.D

Acq: 22 Aug 2024 23:52

Instrument :

BNA_N

ClientSampleId :

S-912-J-SO-0.5-1-081924

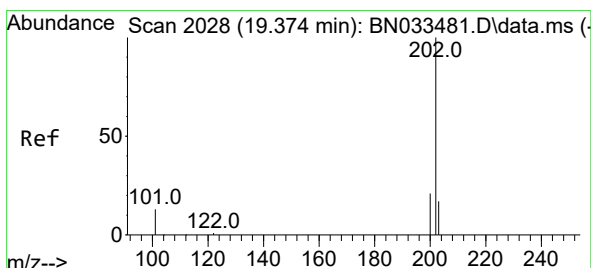
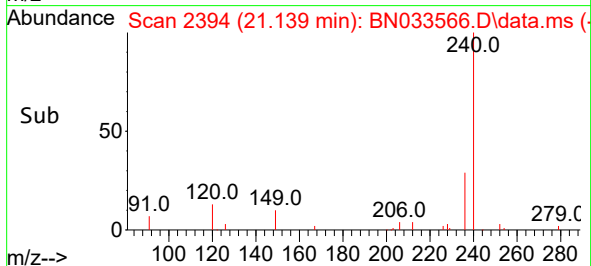
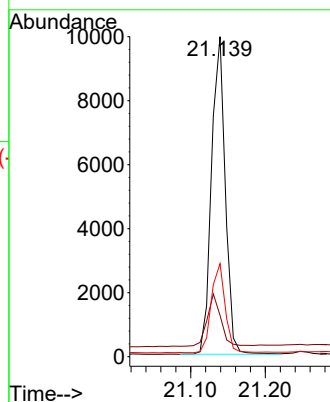
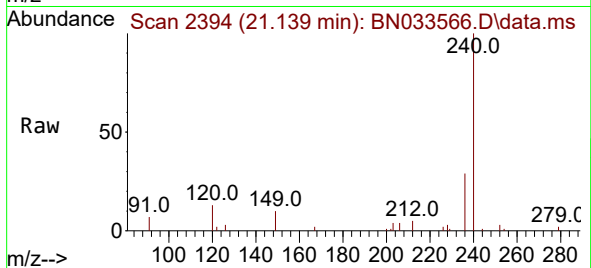
Tgt Ion:240 Resp: 12739

Ion Ratio Lower Upper

240 100

120 12.9 12.4 18.6

236 29.1 23.0 34.6



#30

Pyrene

Concen: 0.053 ng

RT: 19.365 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BN033566.D

Acq: 22 Aug 2024 23:52

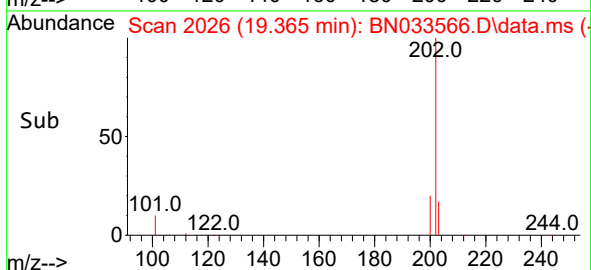
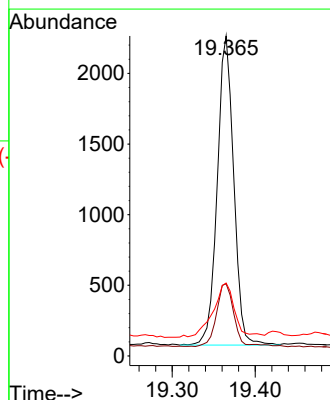
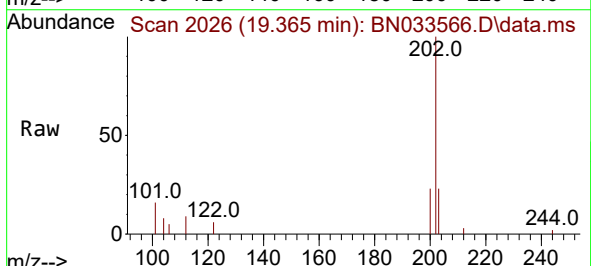
Tgt Ion:202 Resp: 3002

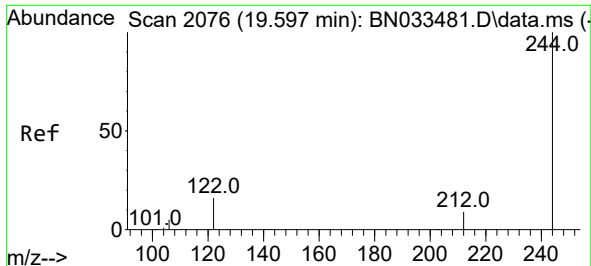
Ion Ratio Lower Upper

202 100

200 20.6 16.6 24.8

203 23.2 14.2 21.4#

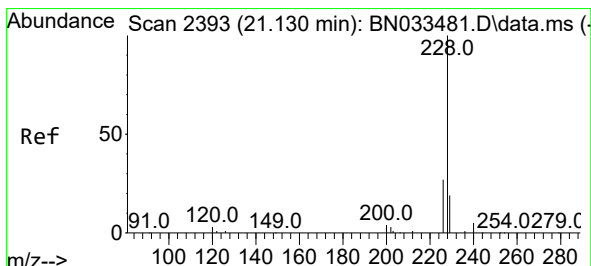
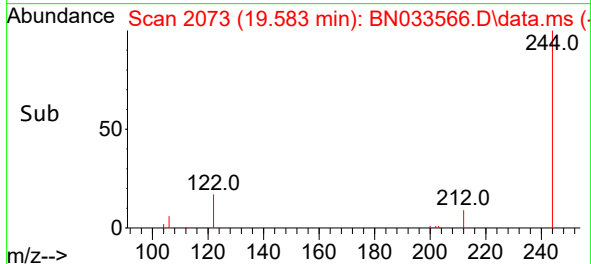
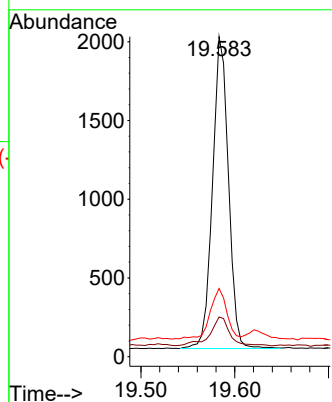
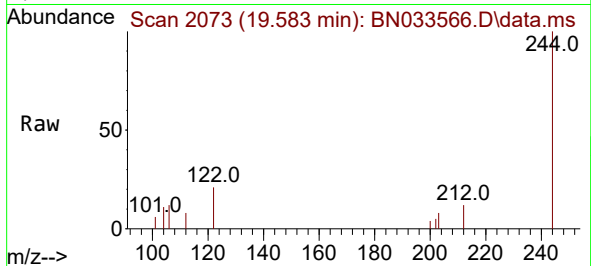




#31
Terphenyl-d14
Concen: 0.081 ng
RT: 19.583 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BN033566.D
Acq: 22 Aug 2024 23:52

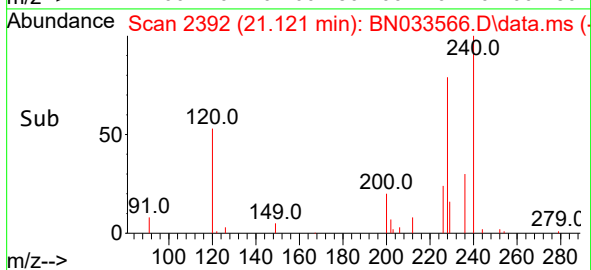
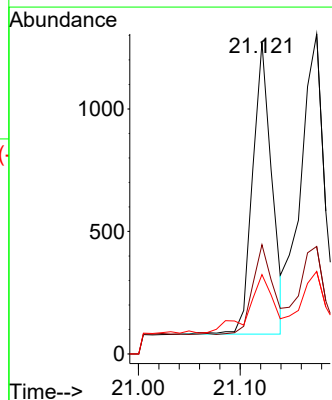
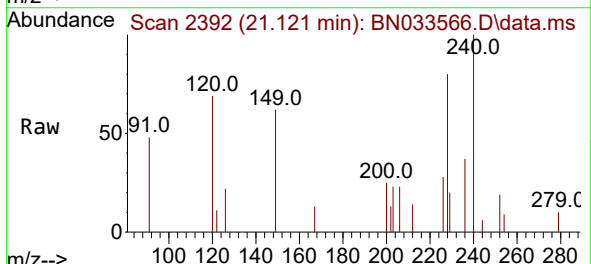
Instrument :
BNA_N
ClientSampleId :
S-912-J-SO-0.5-1-081924

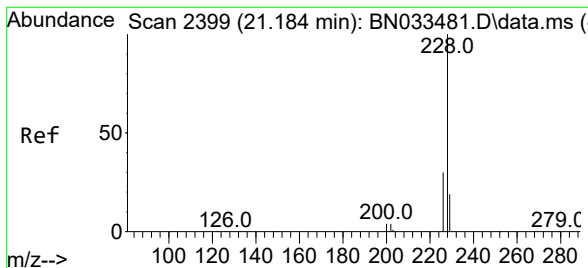
Tgt Ion:244 Resp: 2336
Ion Ratio Lower Upper
244 100
212 12.4 7.8 11.6#
122 21.3 13.3 19.9#



#32
Benzo(a)anthracene
Concen: 0.034 ng
RT: 21.121 min Scan# 2392
Delta R.T. -0.000 min
Lab File: BN033566.D
Acq: 22 Aug 2024 23:52

Tgt Ion:228 Resp: 1564
Ion Ratio Lower Upper
228 100
226 35.1 21.8 32.6#
229 25.5 15.8 23.6#





#33

Chrysene

Concen: 0.042 ng

RT: 21.175 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN033566.D

Acq: 22 Aug 2024 23:52

Instrument :

BNA_N

ClientSampleId :

S-912-J-SO-0.5-1-081924

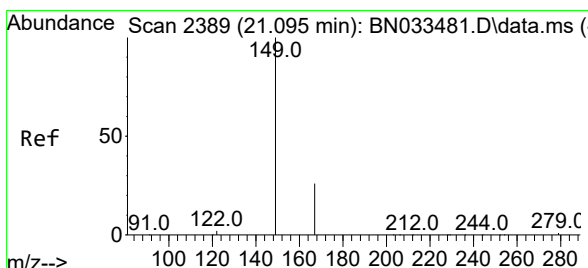
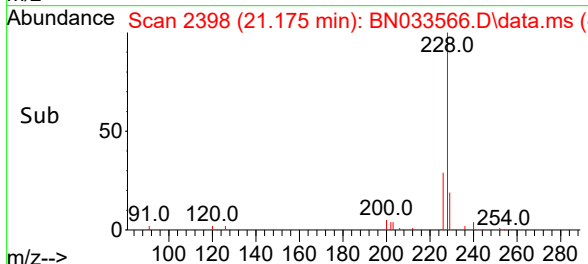
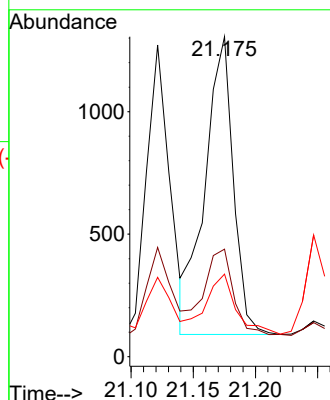
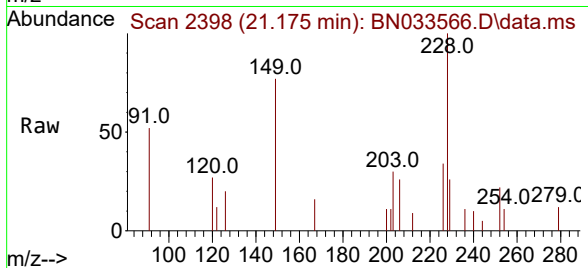
Tgt Ion:228 Resp: 1927

Ion Ratio Lower Upper

228 100

226 33.6 23.8 35.8

229 25.8 15.6 23.4#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.266 ng

RT: 21.085 min Scan# 2388

Delta R.T. -0.000 min

Lab File: BN033566.D

Acq: 22 Aug 2024 23:52

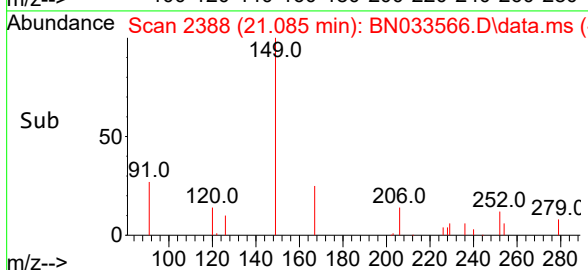
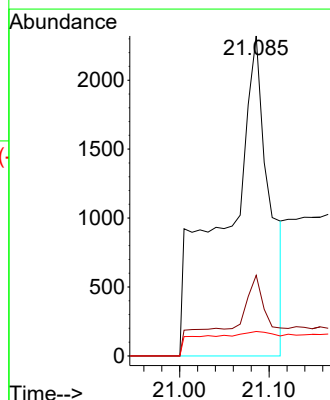
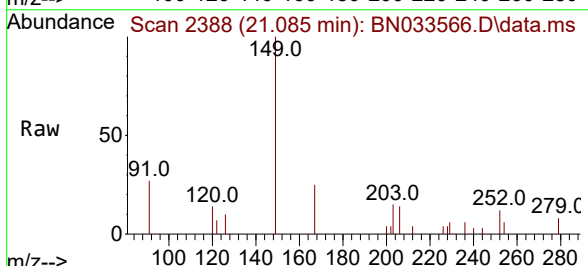
Tgt Ion:149 Resp: 7751

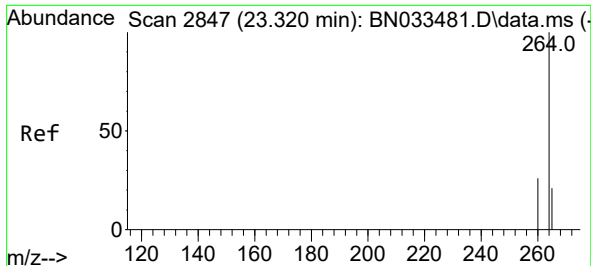
Ion Ratio Lower Upper

149 100

167 23.8 21.5 32.3

279 13.2 2.2 3.2#

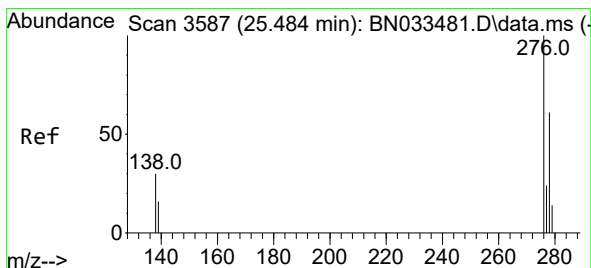
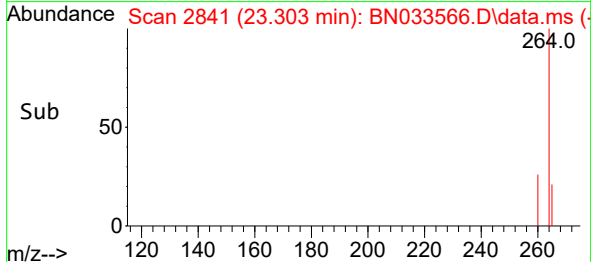
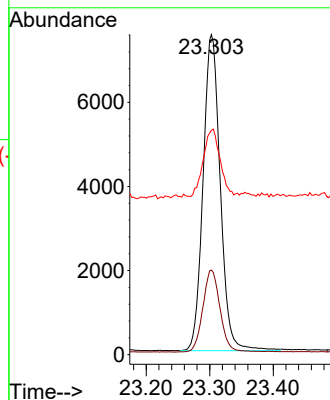
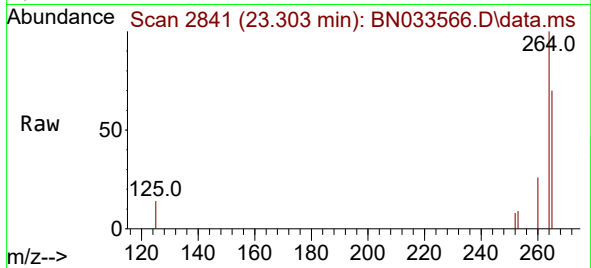




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.303 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN033566.D
Acq: 22 Aug 2024 23:52

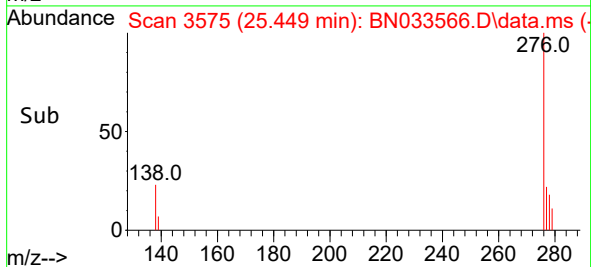
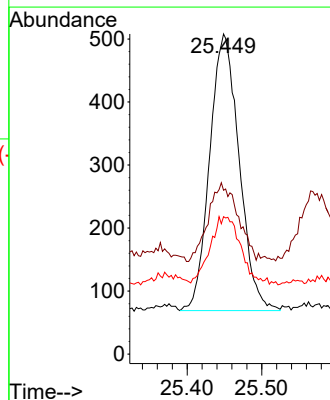
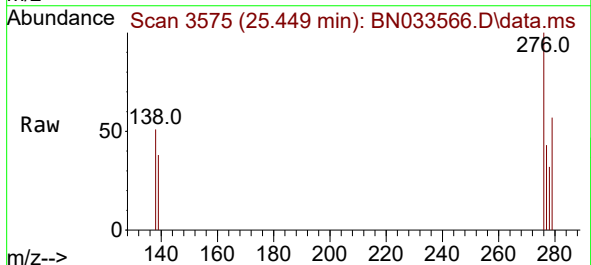
Instrument :
BNA_N
ClientSampleId :
S-912-J-SO-0.5-1-081924

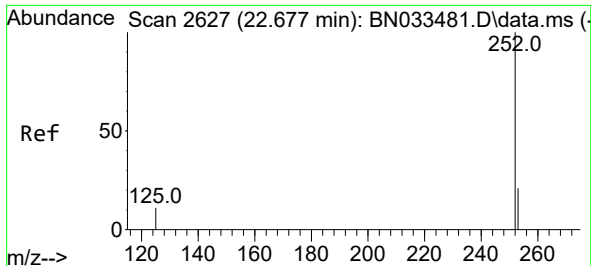
Tgt Ion:264 Resp: 14091
Ion Ratio Lower Upper
264 100
260 26.4 20.8 31.2
265 70.1 52.2 78.2



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.021 ng
RT: 25.449 min Scan# 3575
Delta R.T. -0.000 min
Lab File: BN033566.D
Acq: 22 Aug 2024 23:52

Tgt Ion:276 Resp: 1204
Ion Ratio Lower Upper
276 100
138 28.7 24.4 36.6
277 25.9 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 0.052 ng

RT: 22.660 min Scan# 2621

Delta R.T. -0.000 min

Lab File: BN033566.D

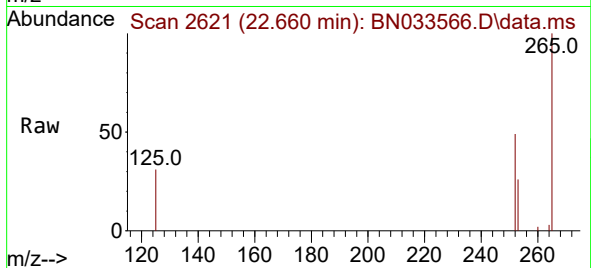
Acq: 22 Aug 2024 23:52

Instrument :

BNA_N

ClientSampleId :

S-912-J-SO-0.5-1-081924



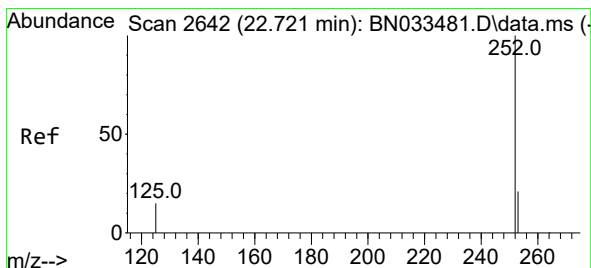
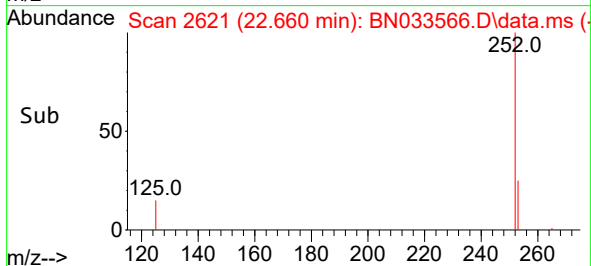
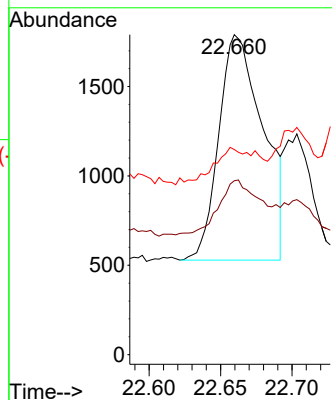
Tgt Ion:252 Resp: 2721

Ion Ratio Lower Upper

252 100

253 54.4 19.8 29.8#

125 64.1 13.9 20.9#



#38

Benzo(k)fluoranthene

Concen: 0.053 ng

RT: 22.660 min Scan# 2621

Delta R.T. -0.044 min

Lab File: BN033566.D

Acq: 22 Aug 2024 23:52

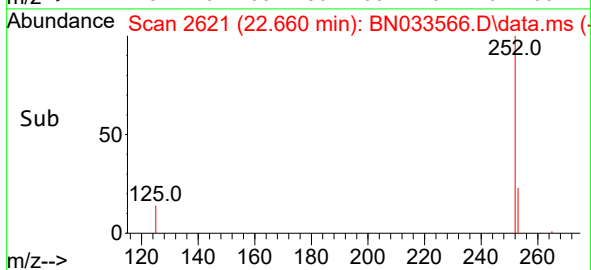
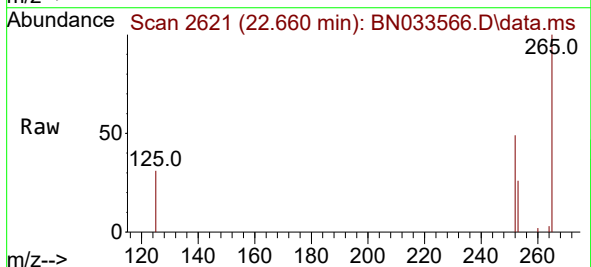
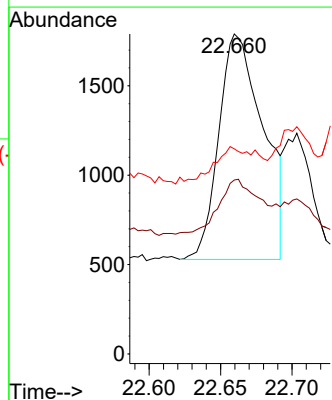
Tgt Ion:252 Resp: 2721

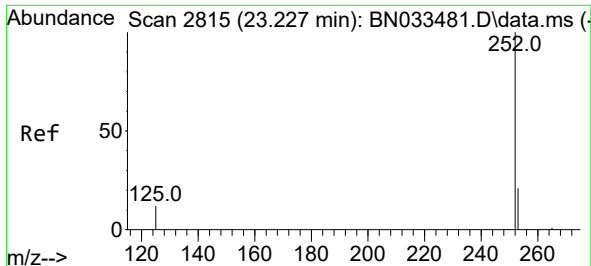
Ion Ratio Lower Upper

252 100

253 54.4 19.8 29.8#

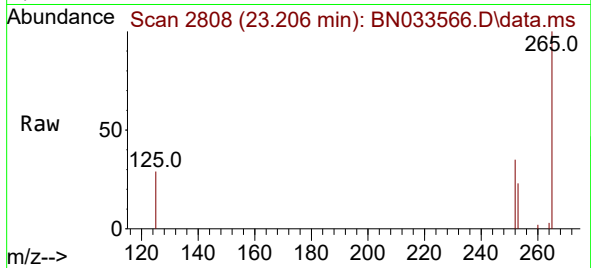
125 64.1 15.8 23.8#



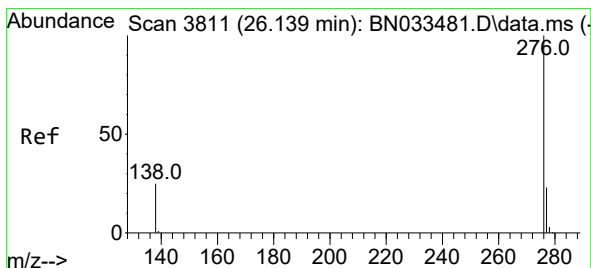
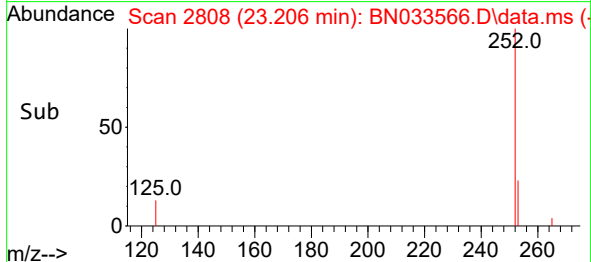
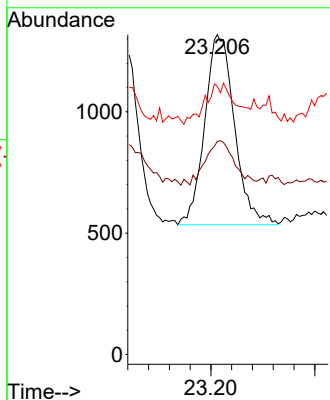


#39
Benzo(a)pyrene
Concen: 0.036 ng
RT: 23.206 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN033566.D
Acq: 22 Aug 2024 23:52

Instrument :
BNA_N
ClientSampleId :
S-912-J-SO-0.5-1-081924



Tgt Ion:252 Resp: 1561
Ion Ratio Lower Upper
252 100
253 66.7 21.5 32.3#
125 83.8 17.0 25.4#



#41
Benzo(g,h,i)perylene
Concen: 0.024 ng
RT: 26.104 min Scan# 3799
Delta R.T. -0.000 min
Lab File: BN033566.D
Acq: 22 Aug 2024 23:52

Tgt Ion:276 Resp: 1201
Ion Ratio Lower Upper
276 100
277 43.7 19.7 29.5#
138 57.9 21.8 32.6#

