

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
 Data File : BN033554.D
 Acq On : 22 Aug 2024 15:54
 Operator : MA/JU
 Sample : P3663-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 916-J-SD-0.5-1-081624

Quant Time: Aug 22 16:52:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 23:32:18 2024
 Response via : Initial Calibration

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

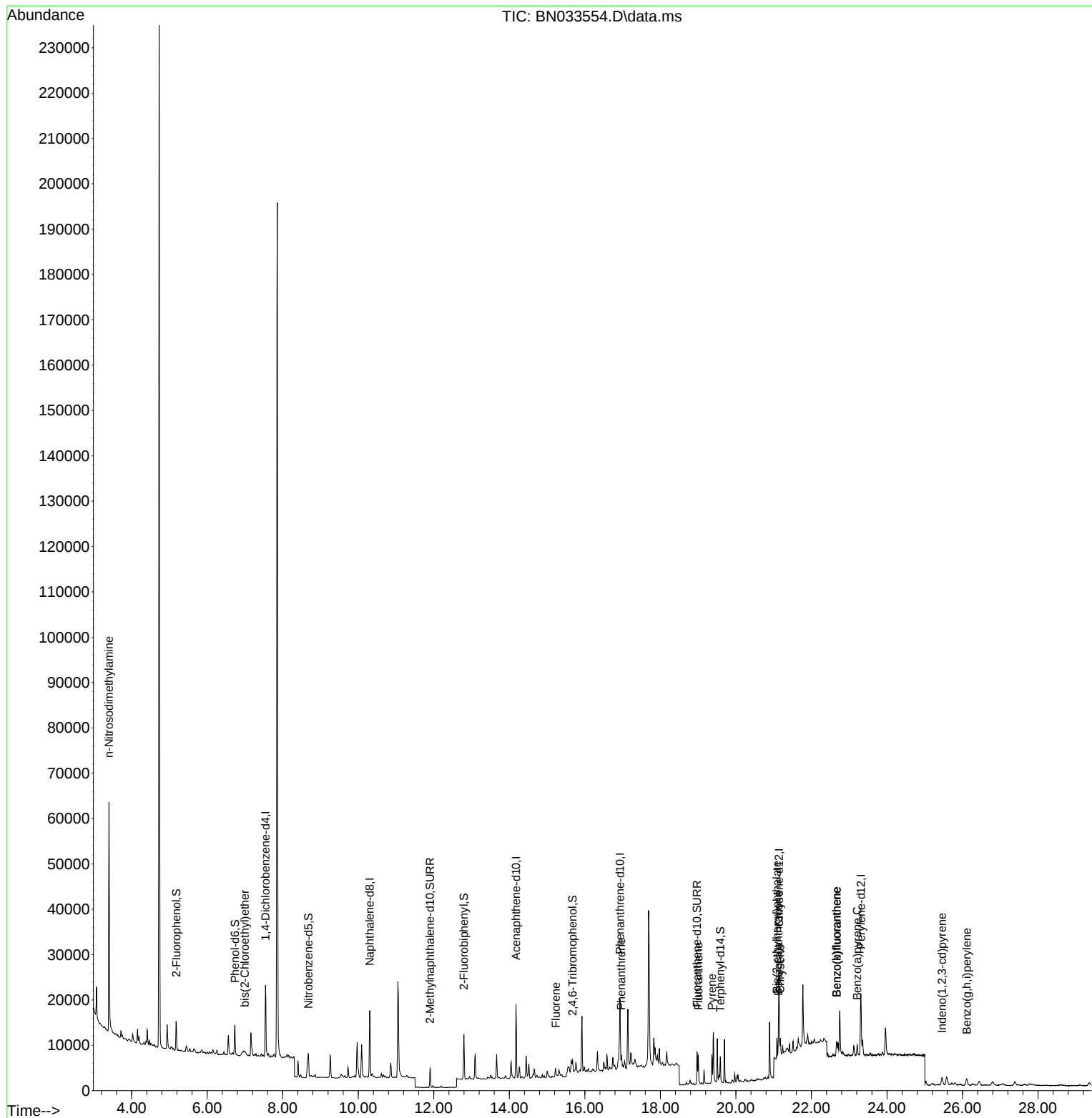
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	7277	0.400	ng	-0.01
7) Naphthalene-d8	10.304	136	18704	0.400	ng	-0.01
13) Acenaphthene-d10	14.178	164	8929	0.400	ng	-0.01
19) Phenanthrene-d10	16.929	188	17949	0.400	ng	#-0.01
29) Chrysene-d12	21.139	240	14804	0.400	ng	0.00
35) Perylene-d12	23.309	264	16545	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	4844	0.209	ng	0.00
5) Phenol-d6	6.736	99	5703	0.207	ng	0.00
8) Nitrobenzene-d5	8.681	82	4114	0.265	ng	-0.01
11) 2-Methylnaphthalene-d10	11.903	152	5596	0.209	ng	-0.01
14) 2,4,6-Tribromophenol	15.676	330	944	0.197	ng	-0.01
15) 2-Fluorobiphenyl	12.799	172	7438	0.204	ng	-0.01
27) Fluoranthene-d10	18.970	212	7598	0.176	ng	-0.01
31) Terphenyl-d14	19.588	244	5178	0.154	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.399	42	6421	0.659	ng	# 1
6) bis(2-Chloroethyl)ether	6.996	93	723	0.037	ng	# 25
18) Fluorene	15.236	166	1634	0.047	ng	# 25
25) Phenanthrene	16.966	178	2616	0.052	ng	97
28) Fluoranthene	19.003	202	5650	0.102	ng	99
30) Pyrene	19.365	202	5538	0.084	ng	96
32) Benzo(a)anthracene	21.121	228	2819	0.053	ng	# 86
33) Chrysene	21.175	228	3587	0.067	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.085	149	12897	0.381	ng	# 79
36) Indeno(1,2,3-cd)pyrene	25.460	276	2410	0.035	ng	94
37) Benzo(b)fluoranthene	22.668	252	4869	0.079	ng	# 33
38) Benzo(k)fluoranthene	22.668	252	4869	0.080	ng	# 36
39) Benzo(a)pyrene	23.212	252	3024	0.059	ng	# 23
41) Benzo(g,h,i)perylene	26.112	276	2418	0.041	ng	# 40

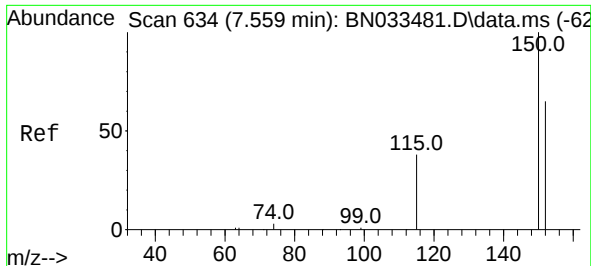
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
Data File : BN033554.D
Acq On : 22 Aug 2024 15:54
Operator : MA/JU
Sample : P3663-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
916-J-SD-0.5-1-081624

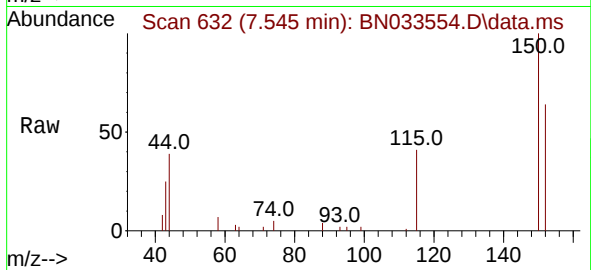
Quant Time: Aug 22 16:52:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 23:32:18 2024
Response via : Initial Calibration



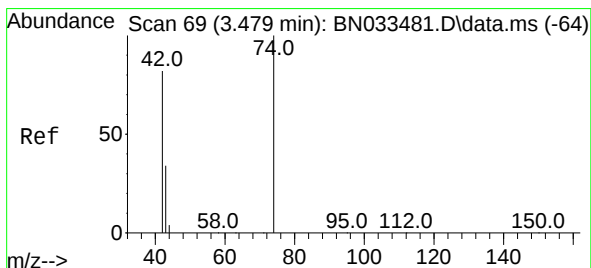
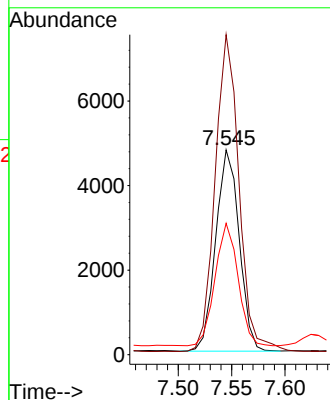
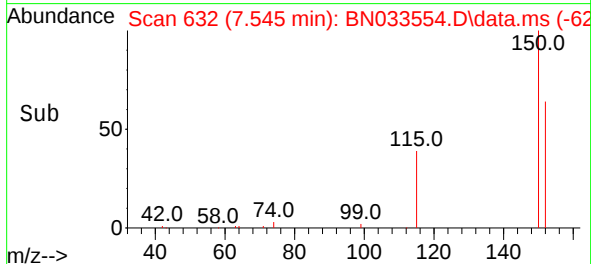


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.545 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN033554.D
Acq: 22 Aug 2024 15:54

Instrument :
BNA_N
ClientSampleId :
916-J-SD-0.5-1-081624

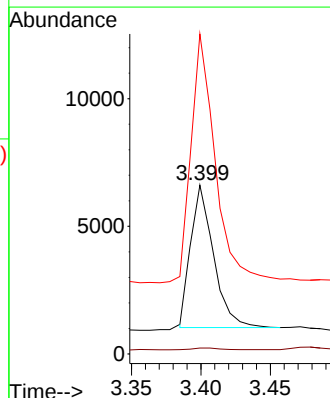
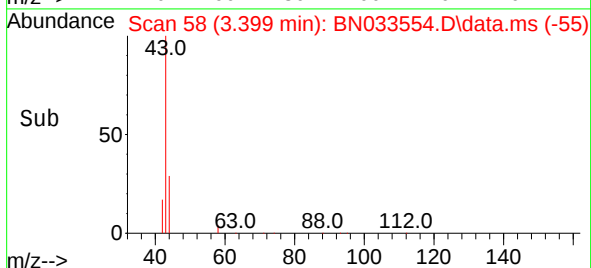
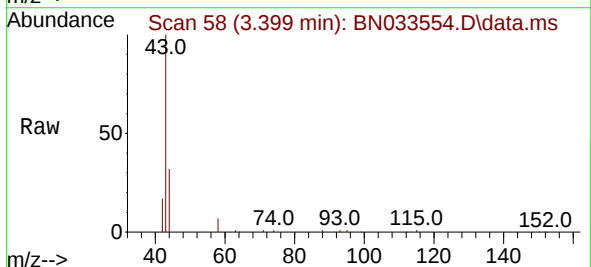


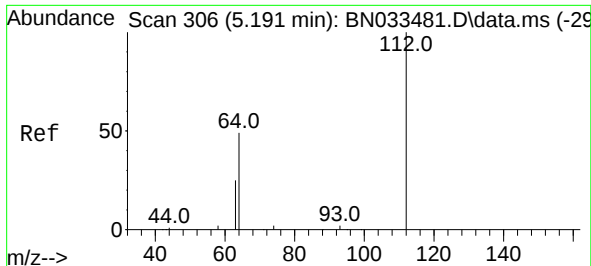
Tgt Ion:152 Resp: 7277
Ion Ratio Lower Upper
152 100
150 156.3 122.2 183.2
115 64.1 47.2 70.8



#3
n-Nitrosodimethylamine
Concen: 0.659 ng
RT: 3.399 min Scan# 58
Delta R.T. -0.080 min
Lab File: BN033554.D
Acq: 22 Aug 2024 15:54

Tgt Ion: 42 Resp: 6421
Ion Ratio Lower Upper
42 100
74 1.4 100.2 150.2#
44 185.7 5.3 7.9#

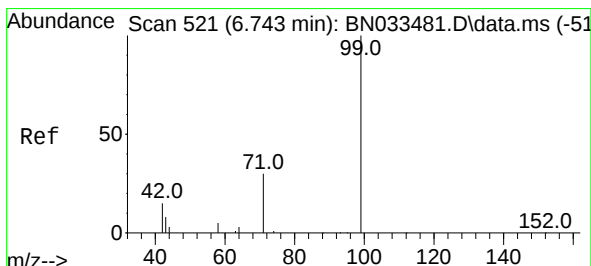
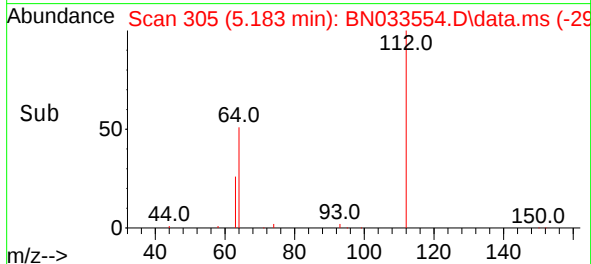
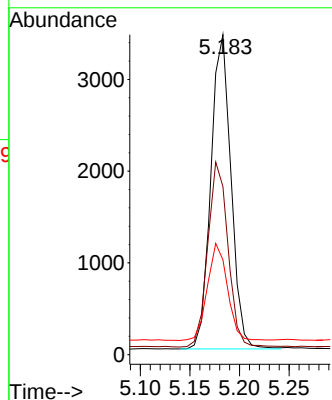
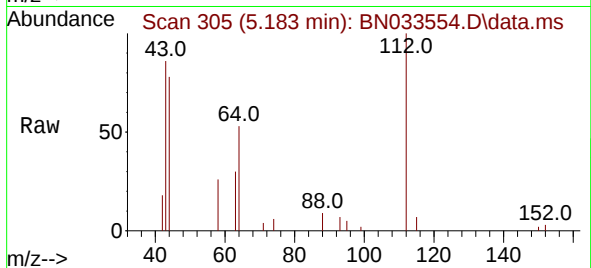




#4
2-Fluorophenol
Concen: 0.209 ng
RT: 5.183 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN033554.D
Acq: 22 Aug 2024 15:54

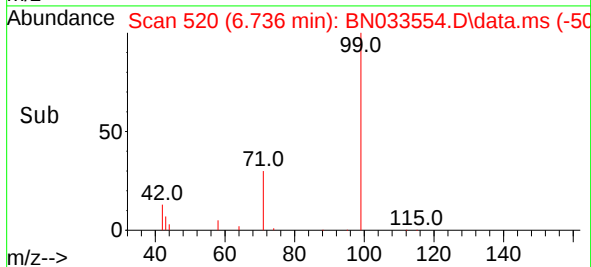
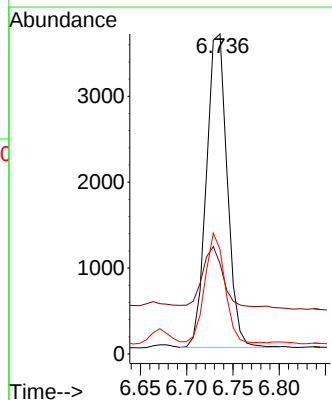
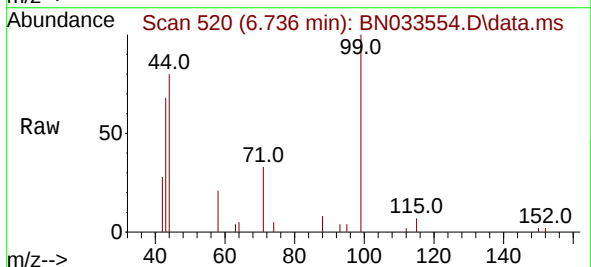
Instrument :
BNA_N
ClientSampleId :
916-J-SD-0.5-1-081624

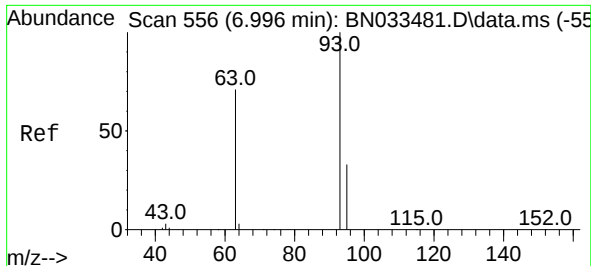
Tgt Ion:112 Resp: 4844
Ion Ratio Lower Upper
112 100
64 58.7 47.1 70.7
63 30.5 24.9 37.3



#5
Phenol-d6
Concen: 0.207 ng
RT: 6.736 min Scan# 520
Delta R.T. -0.007 min
Lab File: BN033554.D
Acq: 22 Aug 2024 15:54

Tgt Ion: 99 Resp: 5703
Ion Ratio Lower Upper
99 100
42 19.9 16.6 24.8
71 33.7 26.2 39.4

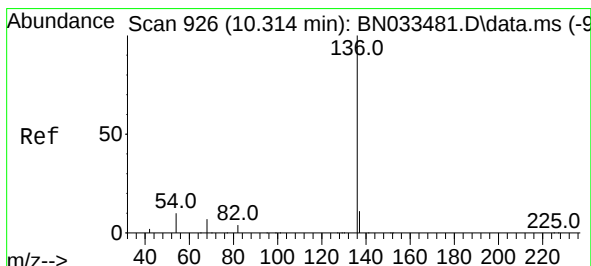
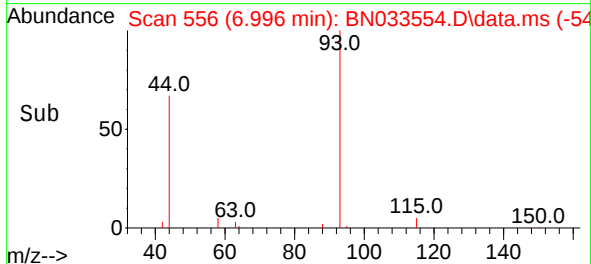
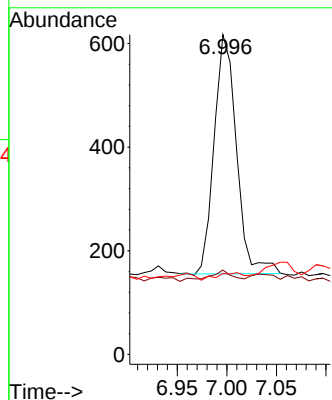
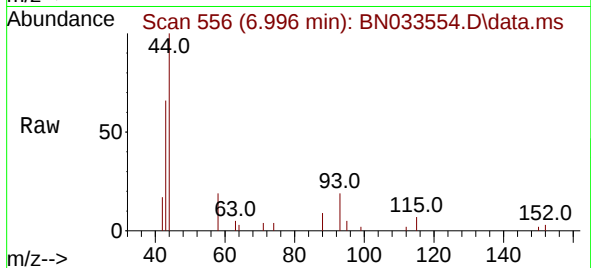




#6
bis(2-Chloroethyl)ether
Concen: 0.037 ng
RT: 6.996 min Scan# 556
Delta R.T. -0.000 min
Lab File: BN033554.D
Acq: 22 Aug 2024 15:54

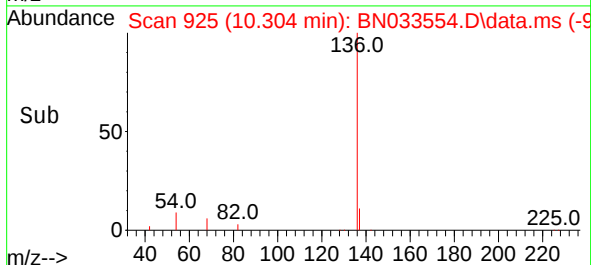
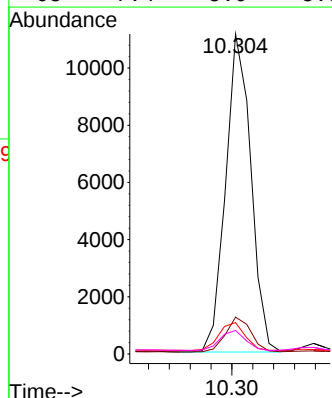
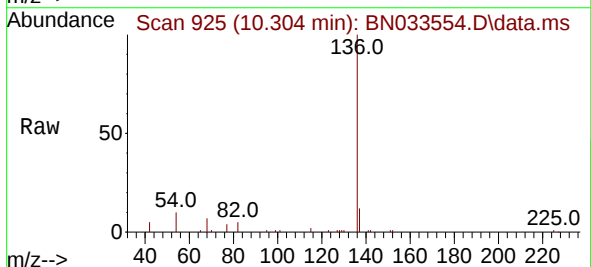
Instrument :
BNA_N
ClientSampleId :
916-J-SD-0.5-1-081624

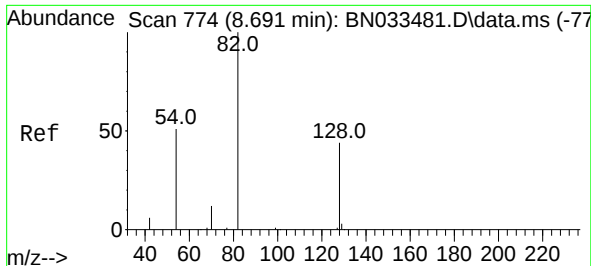
Tgt Ion: 93 Resp: 723
Ion Ratio Lower Upper
93 100
63 5.1 63.0 94.4#
95 3.7 26.0 39.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.304 min Scan# 925
Delta R.T. -0.011 min
Lab File: BN033554.D
Acq: 22 Aug 2024 15:54

Tgt Ion: 136 Resp: 18704
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 9.8 8.3 12.5
68 7.4 5.9 8.9

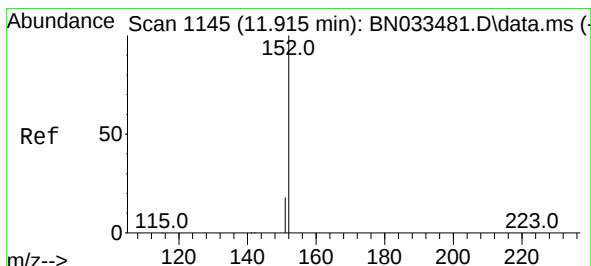
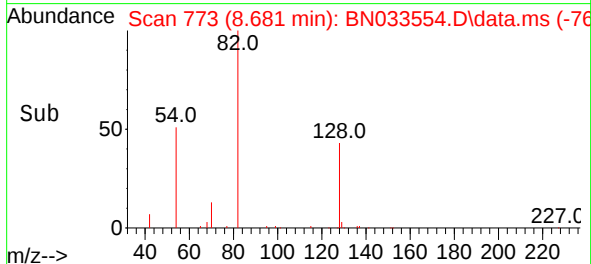
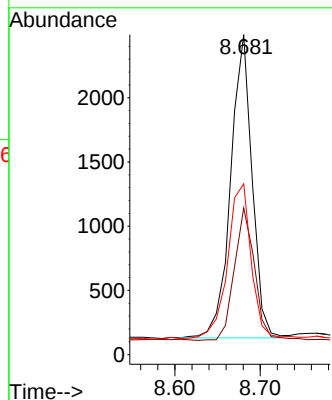
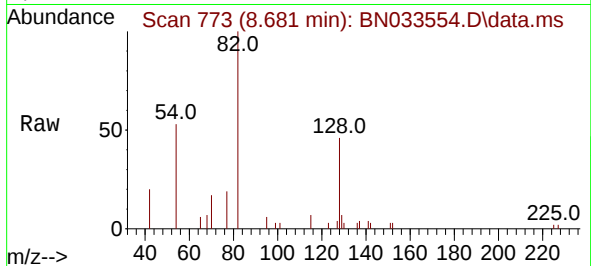




#8
Nitrobenzene-d5
Concen: 0.265 ng
RT: 8.681 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN033554.D
Acq: 22 Aug 2024 15:54

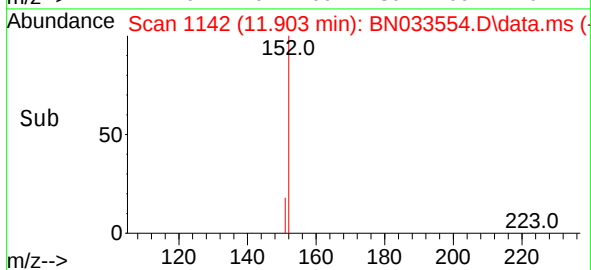
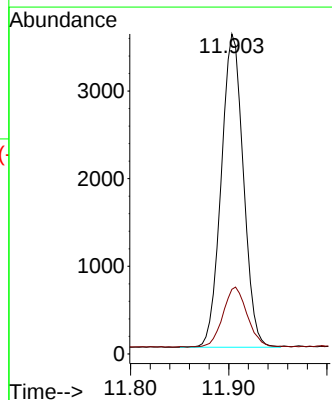
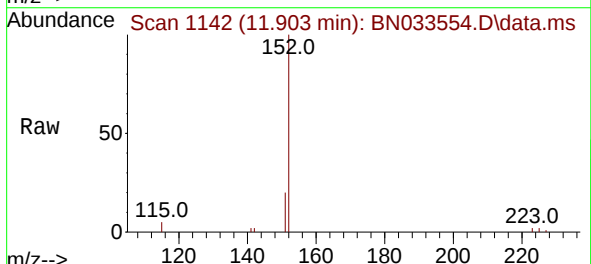
Instrument :
BNA_N
ClientSampleId :
916-J-SD-0.5-1-081624

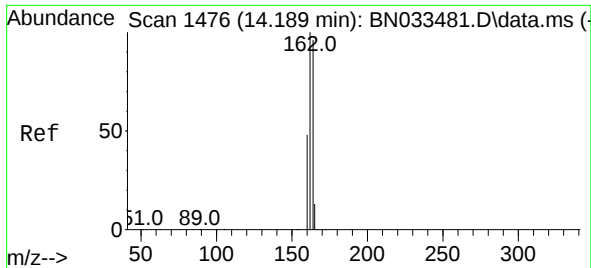
Tgt Ion: 82 Resp: 4114
Ion Ratio Lower Upper
82 100
128 45.8 36.0 54.0
54 53.4 42.0 63.0



#11
2-Methylnaphthalene-d10
Concen: 0.209 ng
RT: 11.903 min Scan# 1142
Delta R.T. -0.011 min
Lab File: BN033554.D
Acq: 22 Aug 2024 15:54

Tgt Ion: 152 Resp: 5596
Ion Ratio Lower Upper
152 100
151 21.1 16.6 25.0

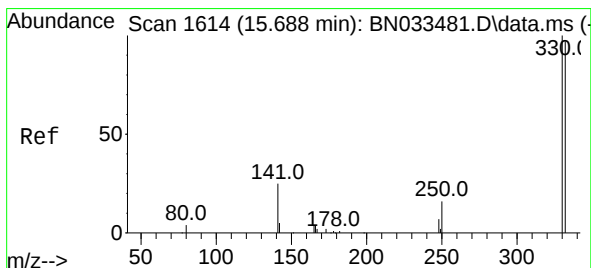
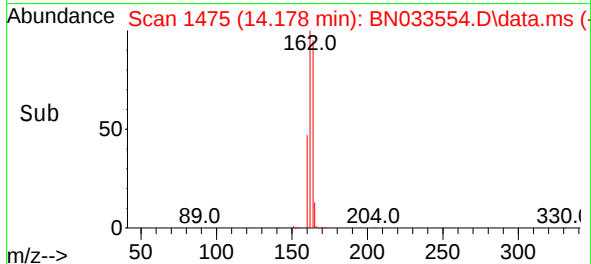
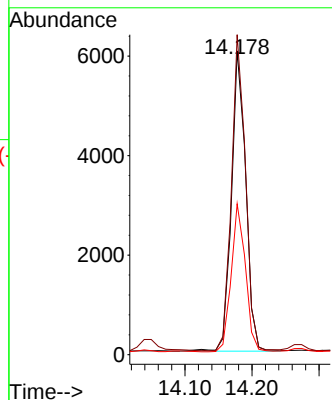
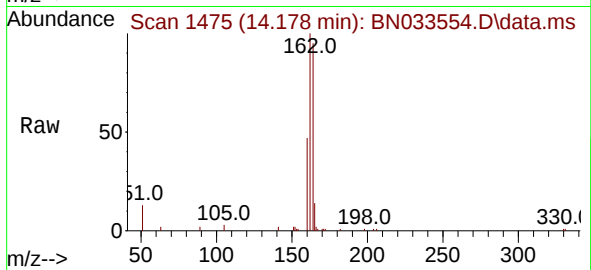




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.178 min Scan# 1476
Delta R.T. -0.011 min
Lab File: BN033554.D
Acq: 22 Aug 2024 15:54

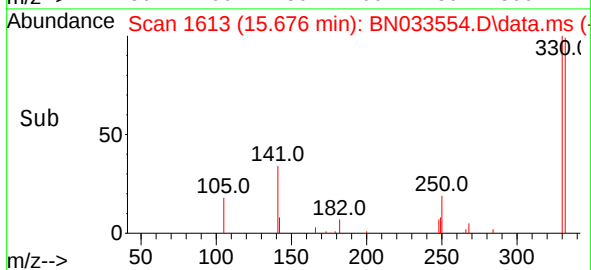
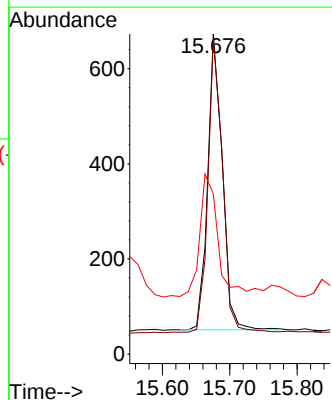
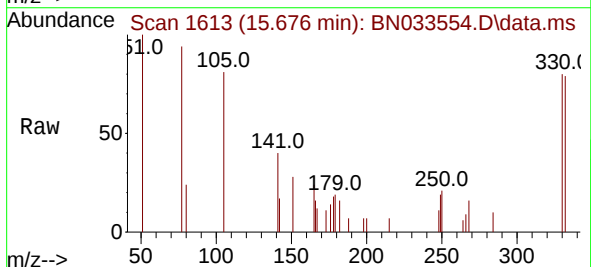
Instrument :
BNA_N
ClientSampleId :
916-J-SD-0.5-1-081624

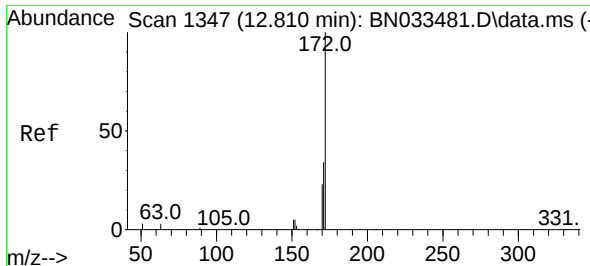
Tgt Ion:164 Resp: 8929
Ion Ratio Lower Upper
164 100
162 105.3 83.5 125.3
160 49.6 40.2 60.4



#14
2,4,6-Tribromophenol
Concen: 0.197 ng
RT: 15.676 min Scan# 1613
Delta R.T. -0.013 min
Lab File: BN033554.D
Acq: 22 Aug 2024 15:54

Tgt Ion:330 Resp: 944
Ion Ratio Lower Upper
330 100
332 99.0 77.5 116.3
141 51.1 33.9 50.9#





#15

2-Fluorobiphenyl

Concen: 0.204 ng

RT: 12.799 min Scan# 14

Delta R.T. -0.011 min

Lab File: BN033554.D

Acq: 22 Aug 2024 15:54

Instrument :

BNA_N

ClientSampleId :

916-J-SD-0.5-1-081624

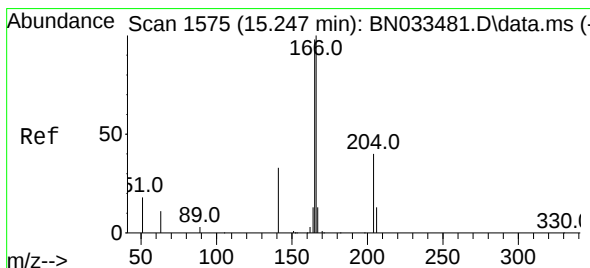
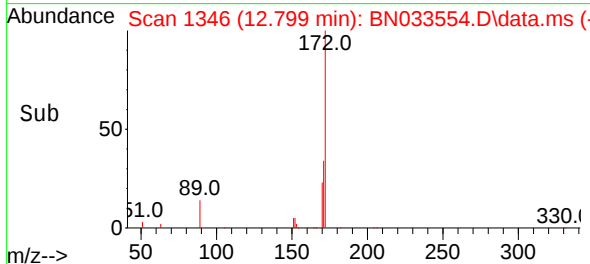
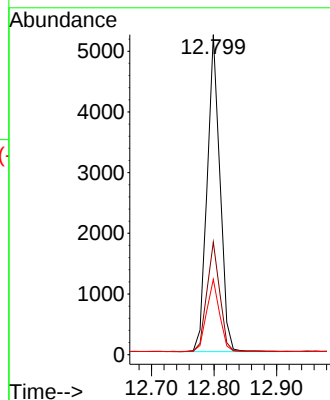
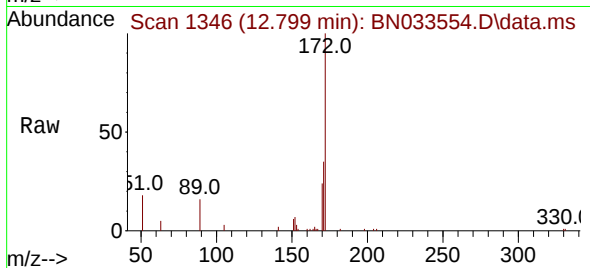
Tgt Ion:172 Resp: 7438

Ion Ratio Lower Upper

172 100

171 35.2 27.7 41.5

170 23.6 18.3 27.5



#18

Fluorene

Concen: 0.047 ng

RT: 15.236 min Scan# 1574

Delta R.T. -0.011 min

Lab File: BN033554.D

Acq: 22 Aug 2024 15:54

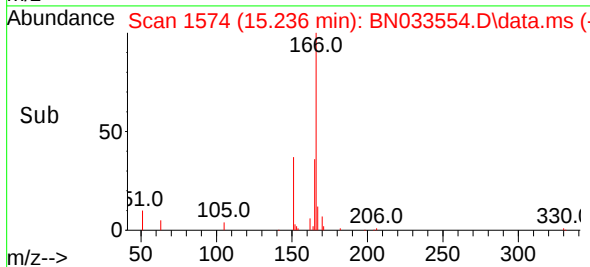
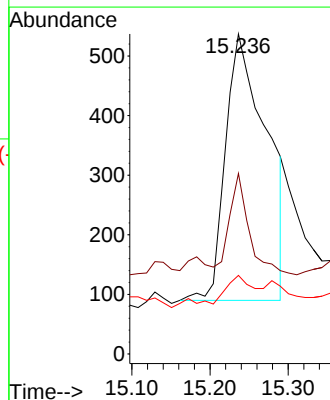
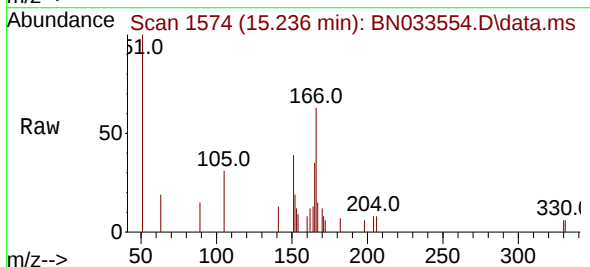
Tgt Ion:166 Resp: 1634

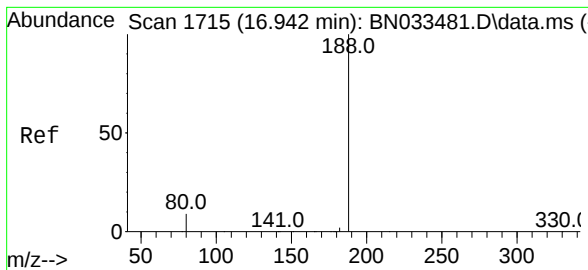
Ion Ratio Lower Upper

166 100

165 15.9 78.2 117.4#

167 6.2 10.6 16.0#

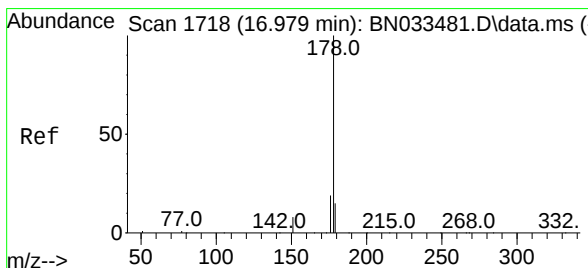
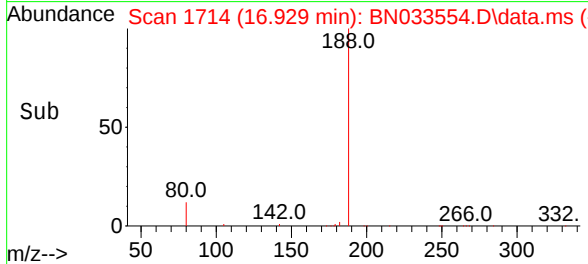
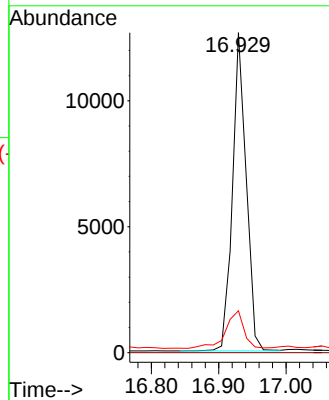
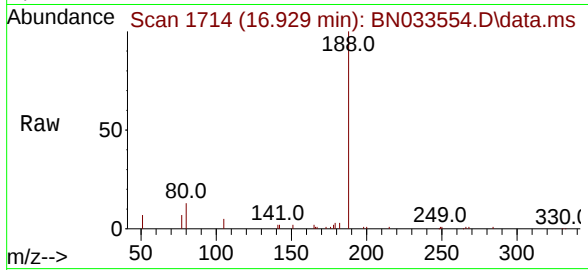




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.929 min Scan# 1714
Delta R.T. -0.013 min
Lab File: BN033554.D
Acq: 22 Aug 2024 15:54

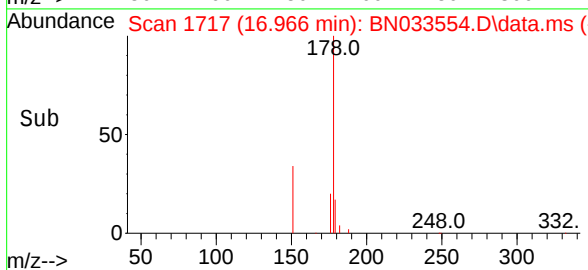
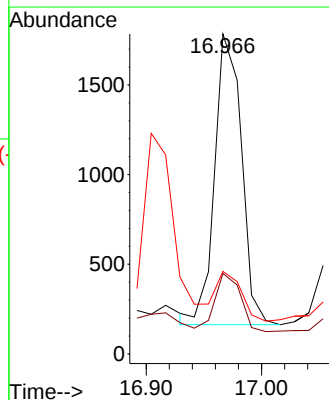
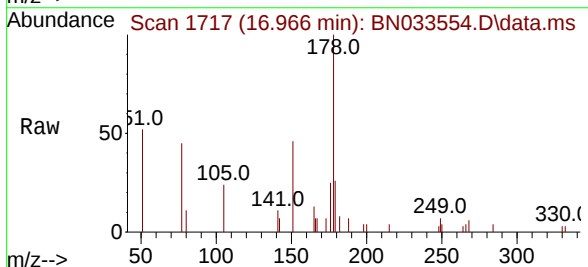
Instrument :
BNA_N
ClientSampleId :
916-J-SD-0.5-1-081624

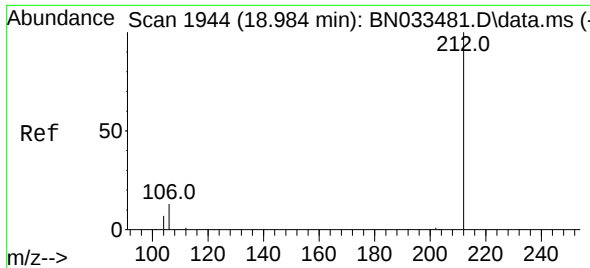
Tgt Ion:188 Resp: 17949
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.1 7.8 11.8#



#25
Phenanthrene
Concen: 0.052 ng
RT: 16.966 min Scan# 1717
Delta R.T. -0.013 min
Lab File: BN033554.D
Acq: 22 Aug 2024 15:54

Tgt Ion:178 Resp: 2616
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 17.9 12.3 18.5





#27

Fluoranthene-d10

Concen: 0.176 ng

RT: 18.970 min Scan# 1941

Delta R.T. -0.014 min

Lab File: BN033554.D

Acq: 22 Aug 2024 15:54

Instrument :

BNA_N

ClientSampleId :

916-J-SD-0.5-1-081624

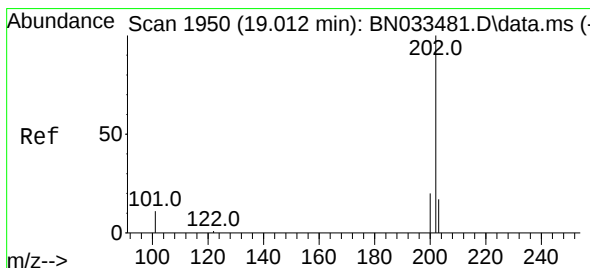
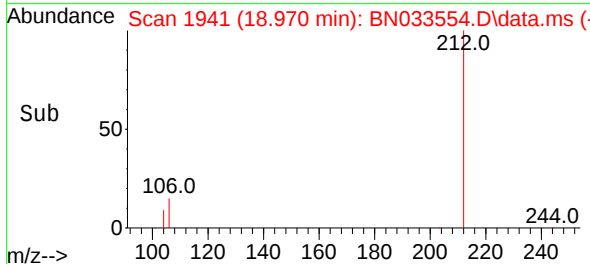
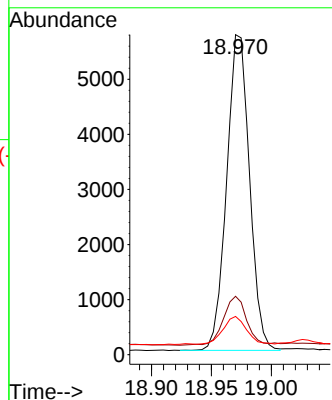
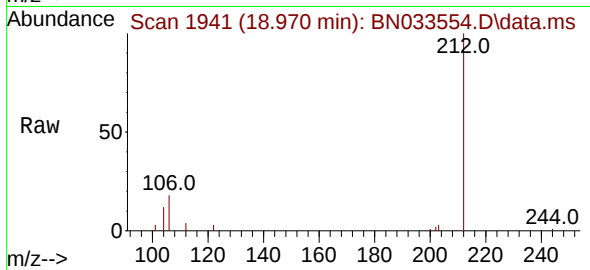
Tgt Ion:212 Resp: 7598

Ion Ratio Lower Upper

212 100

106 15.7 12.3 18.5

104 9.1 7.0 10.4



#28

Fluoranthene

Concen: 0.102 ng

RT: 19.003 min Scan# 1948

Delta R.T. -0.009 min

Lab File: BN033554.D

Acq: 22 Aug 2024 15:54

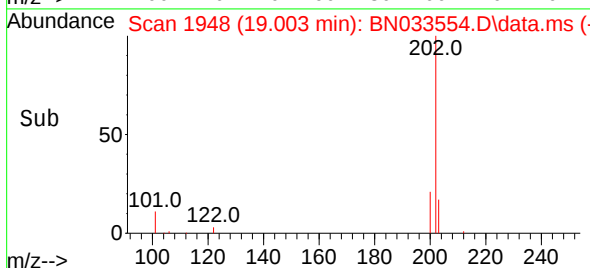
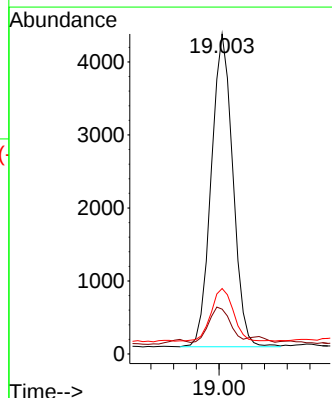
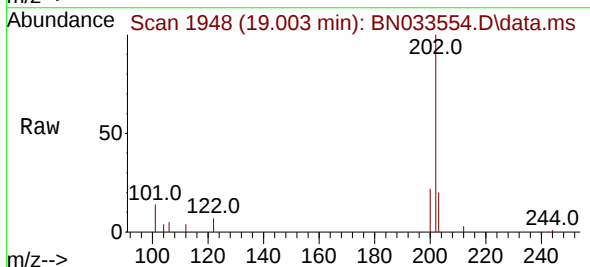
Tgt Ion:202 Resp: 5650

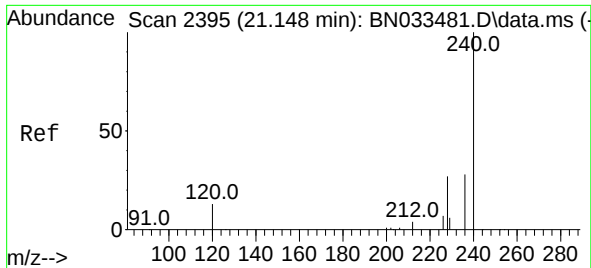
Ion Ratio Lower Upper

202 100

101 11.2 9.5 14.3

203 17.0 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.139 min Scan# 24

Delta R.T. -0.009 min

Lab File: BN033554.D

Acq: 22 Aug 2024 15:54

Instrument :

BNA_N

ClientSampleId :

916-J-SD-0.5-1-081624

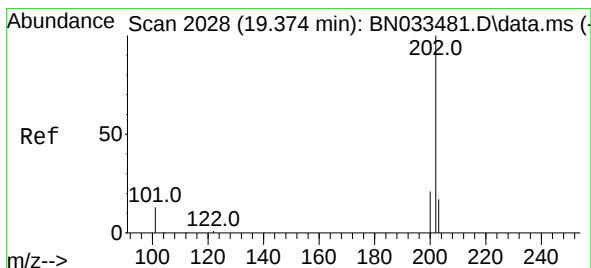
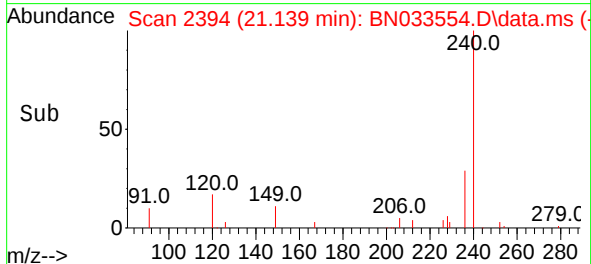
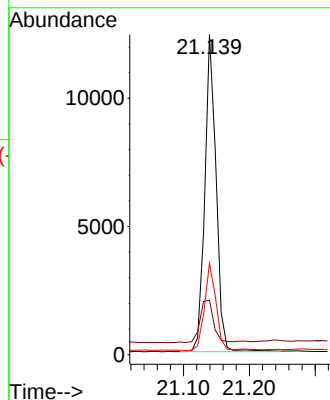
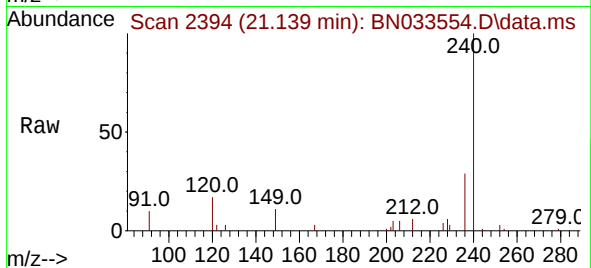
Tgt Ion:240 Resp: 14804

Ion Ratio Lower Upper

240 100

120 17.0 12.4 18.6

236 28.6 23.0 34.6



#30

Pyrene

Concen: 0.084 ng

RT: 19.365 min Scan# 2026

Delta R.T. -0.009 min

Lab File: BN033554.D

Acq: 22 Aug 2024 15:54

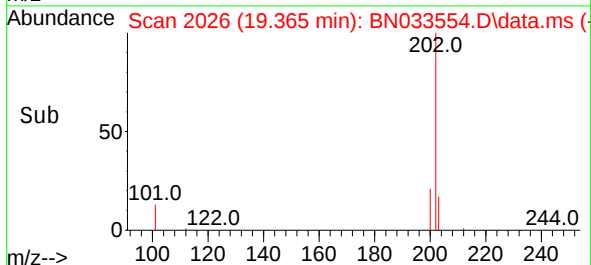
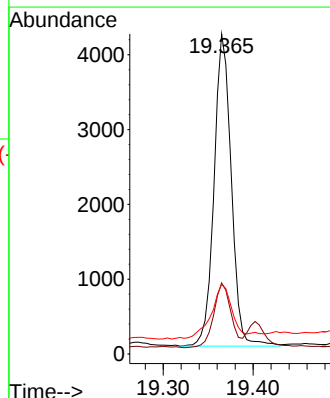
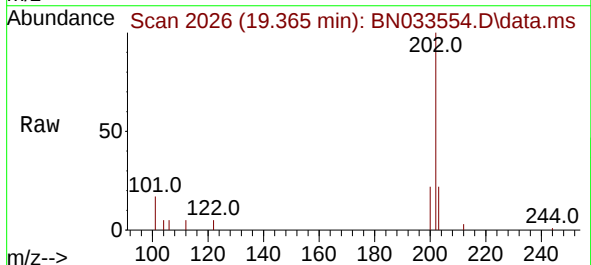
Tgt Ion:202 Resp: 5538

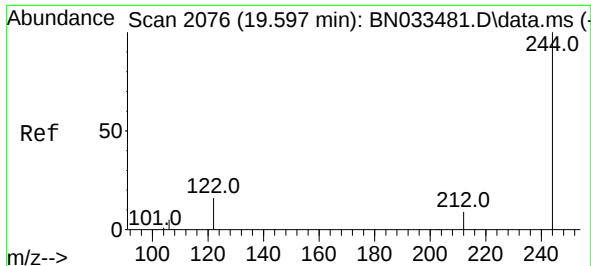
Ion Ratio Lower Upper

202 100

200 21.1 16.6 24.8

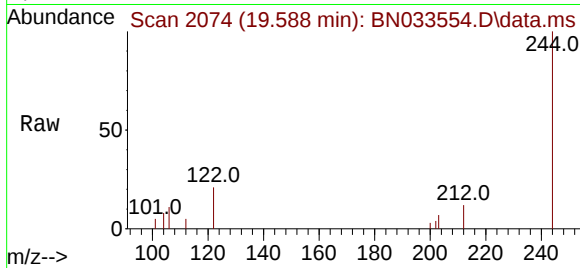
203 21.3 14.2 21.4



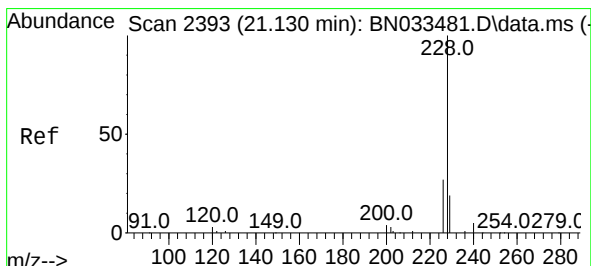
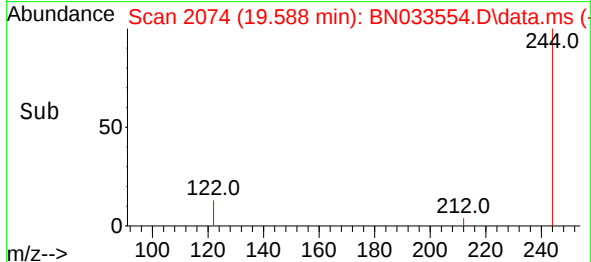
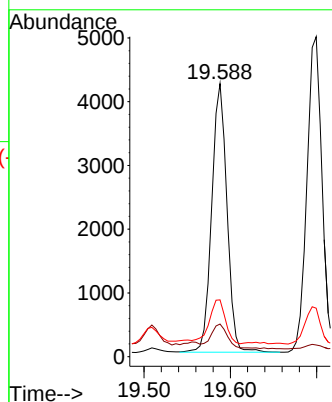


#31
Terphenyl-d14
Concen: 0.154 ng
RT: 19.588 min Scan# 2074
Delta R.T. -0.009 min
Lab File: BN033554.D
Acq: 22 Aug 2024 15:54

Instrument :
BNA_N
ClientSampleId :
916-J-SD-0.5-1-081624

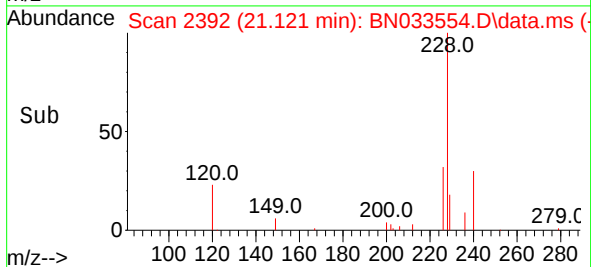
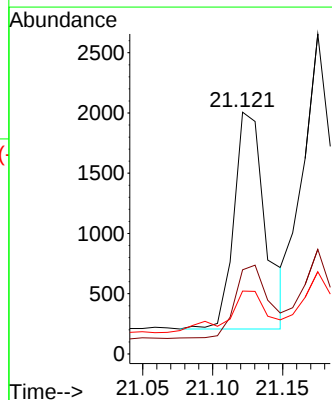
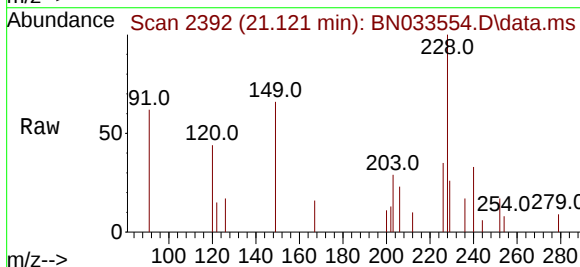


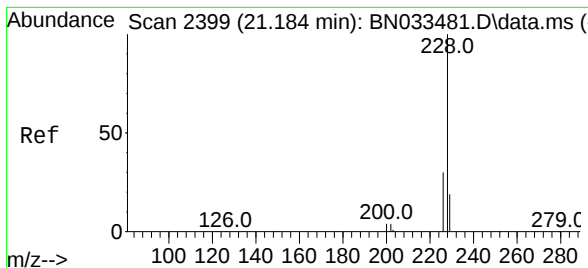
Tgt Ion:244 Resp: 5178
Ion Ratio Lower Upper
244 100
212 11.9 7.8 11.6#
122 20.8 13.3 19.9#



#32
Benzo(a)anthracene
Concen: 0.053 ng
RT: 21.121 min Scan# 2392
Delta R.T. -0.009 min
Lab File: BN033554.D
Acq: 22 Aug 2024 15:54

Tgt Ion:228 Resp: 2819
Ion Ratio Lower Upper
228 100
226 34.8 21.8 32.6#
229 26.0 15.8 23.6#





#33

Chrysene

Concen: 0.067 ng

RT: 21.175 min Scan# 24

Delta R.T. -0.009 min

Lab File: BN033554.D

Acq: 22 Aug 2024 15:54

Instrument :

BNA_N

ClientSampleId :

916-J-SD-0.5-1-081624

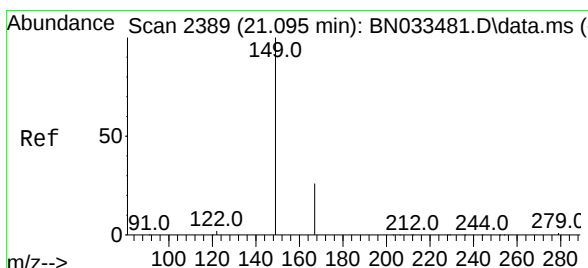
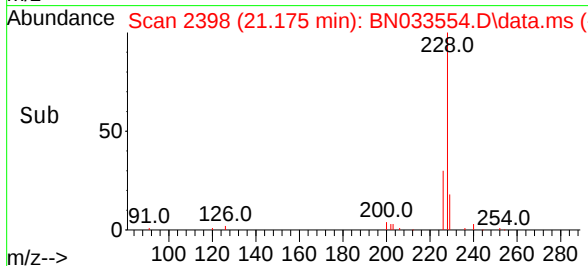
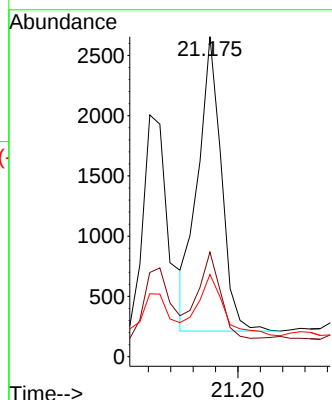
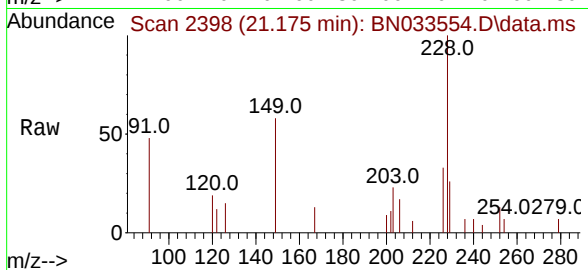
Tgt Ion:228 Resp: 3587

Ion Ratio Lower Upper

228 100

226 32.7 23.8 35.8

229 25.7 15.6 23.4#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.381 ng

RT: 21.085 min Scan# 2388

Delta R.T. -0.009 min

Lab File: BN033554.D

Acq: 22 Aug 2024 15:54

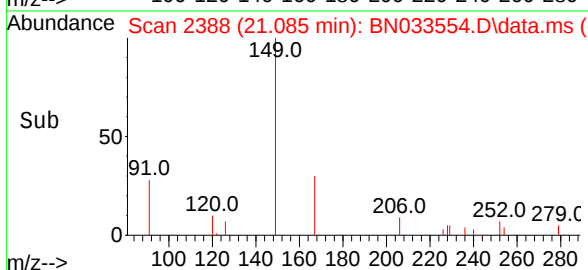
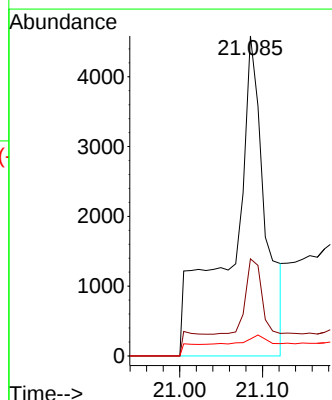
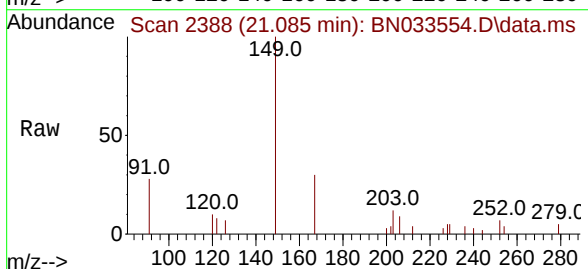
Tgt Ion:149 Resp: 12897

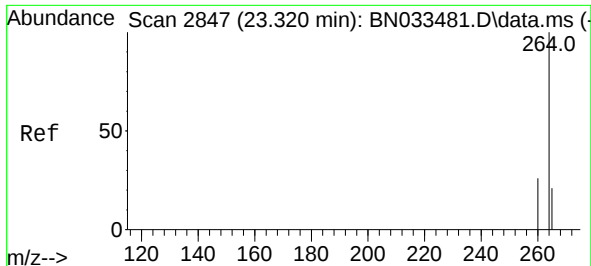
Ion Ratio Lower Upper

149 100

167 14.9 21.5 32.3#

279 2.1 2.2 3.2#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.309 min Scan# 21

Delta R.T. -0.012 min

Lab File: BN033554.D

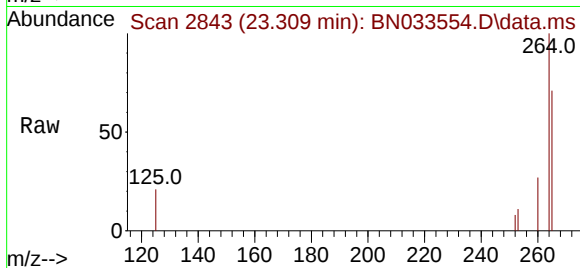
Acq: 22 Aug 2024 15:54

Instrument :

BNA_N

ClientSampleId :

916-J-SD-0.5-1-081624



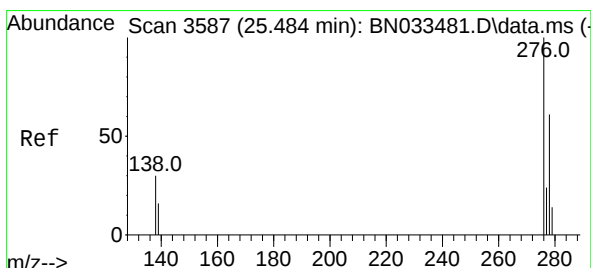
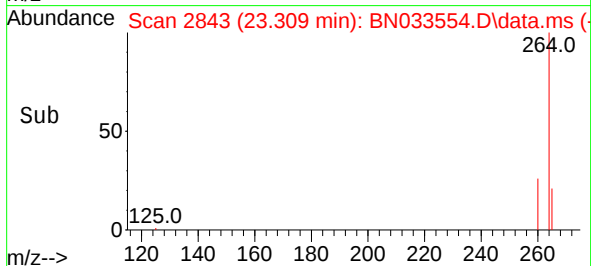
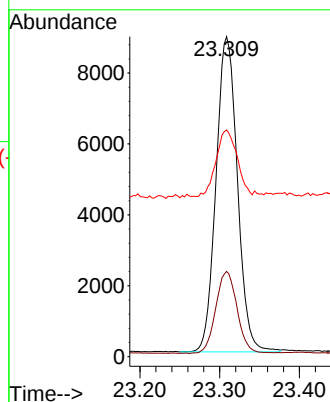
Tgt Ion:264 Resp: 16545

Ion Ratio Lower Upper

264 100

260 26.6 20.8 31.2

265 70.8 52.2 78.2



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.035 ng

RT: 25.460 min Scan# 3579

Delta R.T. -0.024 min

Lab File: BN033554.D

Acq: 22 Aug 2024 15:54

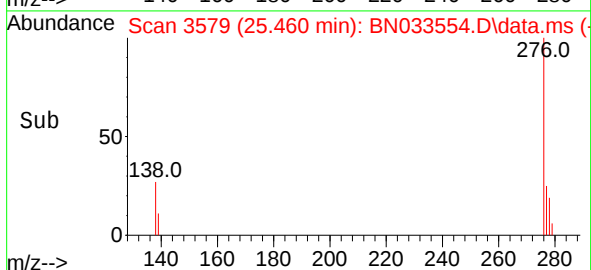
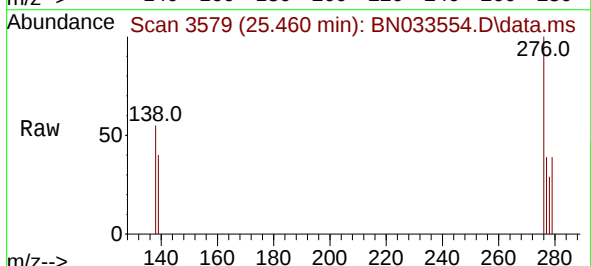
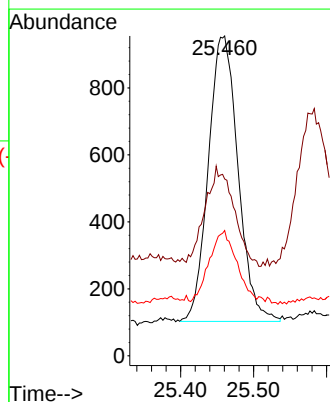
Tgt Ion:276 Resp: 2410

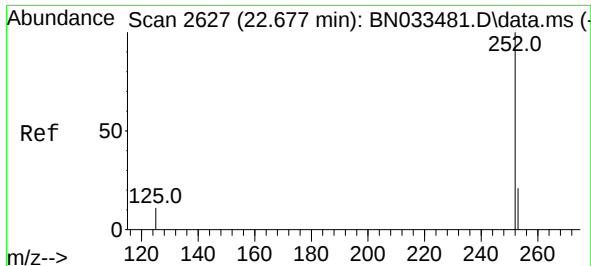
Ion Ratio Lower Upper

276 100

138 34.3 24.4 36.6

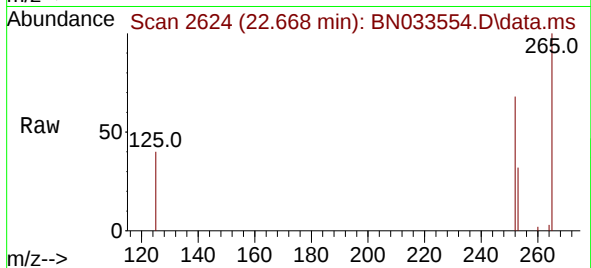
277 22.6 19.8 29.6



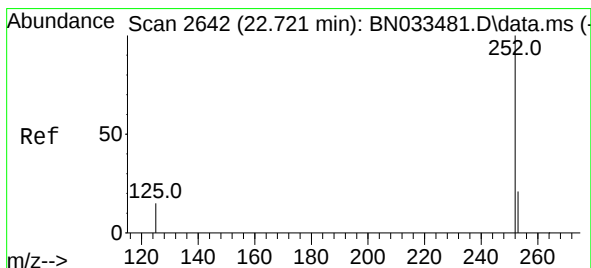
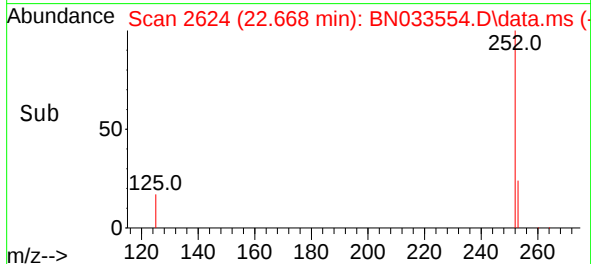
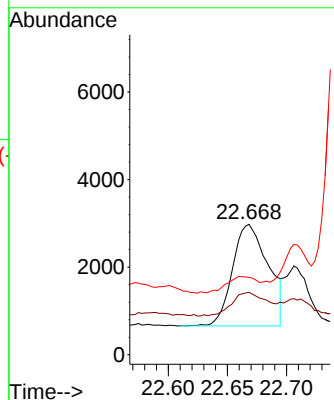


#37
Benzo(b)fluoranthene
Concen: 0.079 ng
RT: 22.668 min Scan# 2624
Delta R.T. -0.009 min
Lab File: BN033554.D
Acq: 22 Aug 2024 15:54

Instrument :
BNA_N
ClientSampleId :
916-J-SD-0.5-1-081624

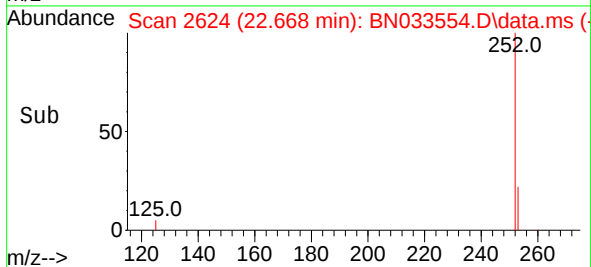
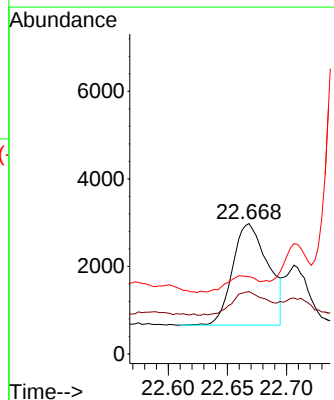
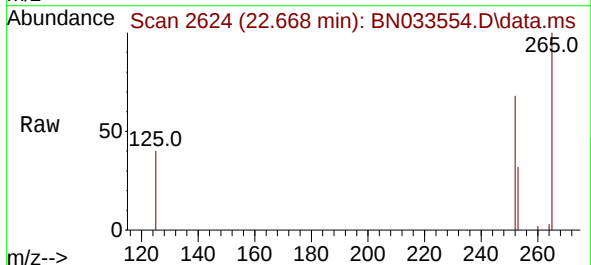


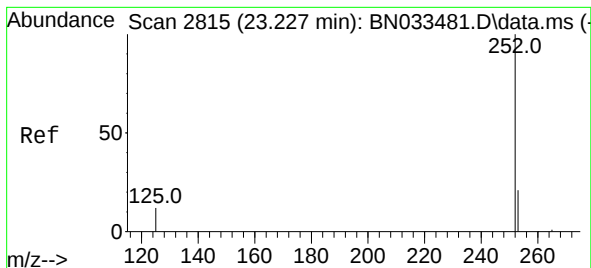
Tgt Ion:252 Resp: 4869
Ion Ratio Lower Upper
252 100
253 47.8 19.8 29.8#
125 59.3 13.9 20.9#



#38
Benzo(k)fluoranthene
Concen: 0.080 ng
RT: 22.668 min Scan# 2624
Delta R.T. -0.053 min
Lab File: BN033554.D
Acq: 22 Aug 2024 15:54

Tgt Ion:252 Resp: 4869
Ion Ratio Lower Upper
252 100
253 47.8 19.8 29.8#
125 59.3 15.8 23.8#





#39

Benzo(a)pyrene

Concen: 0.059 ng

RT: 23.212 min Scan# 21

Delta R.T. -0.015 min

Lab File: BN033554.D

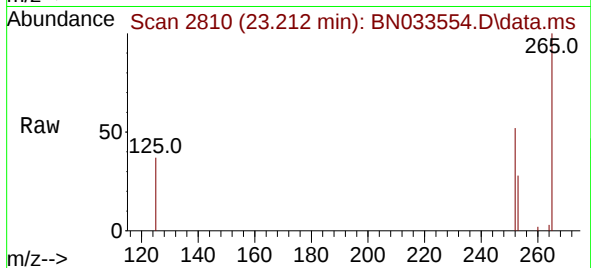
Acq: 22 Aug 2024 15:54

Instrument :

BNA_N

ClientSampleId :

916-J-SD-0.5-1-081624



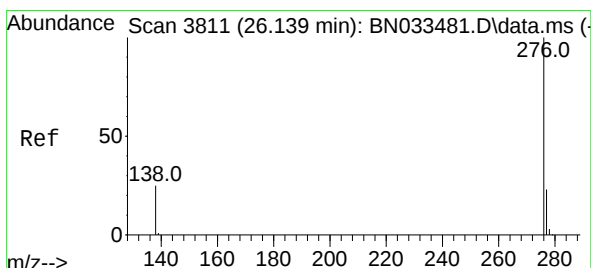
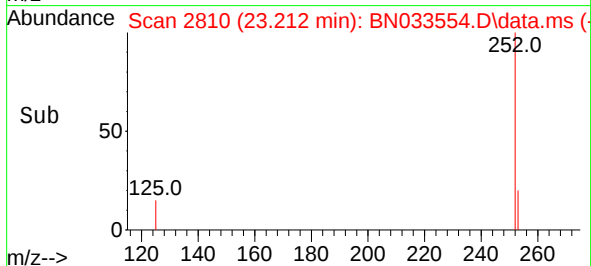
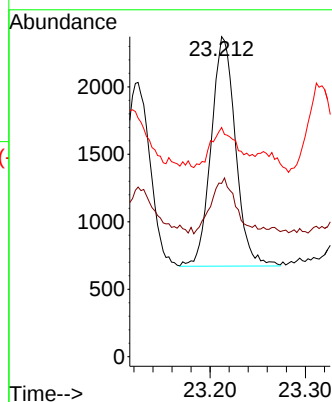
Tgt Ion:252 Resp: 3024

Ion Ratio Lower Upper

252 100

253 54.1 21.5 32.3#

125 71.6 17.0 25.4#



#41

Benzo(g,h,i)perylene

Concen: 0.041 ng

RT: 26.112 min Scan# 3802

Delta R.T. -0.026 min

Lab File: BN033554.D

Acq: 22 Aug 2024 15:54

Tgt Ion:276 Resp: 2418

Ion Ratio Lower Upper

276 100

277 39.5 19.7 29.5#

138 72.6 21.8 32.6#

