

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
 Data File : BN033509.D
 Acq On : 20 Aug 2024 17:04
 Operator : MA/JU
 Sample : PB162851BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB162851BL

Quant Time: Aug 20 17:30:01 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)

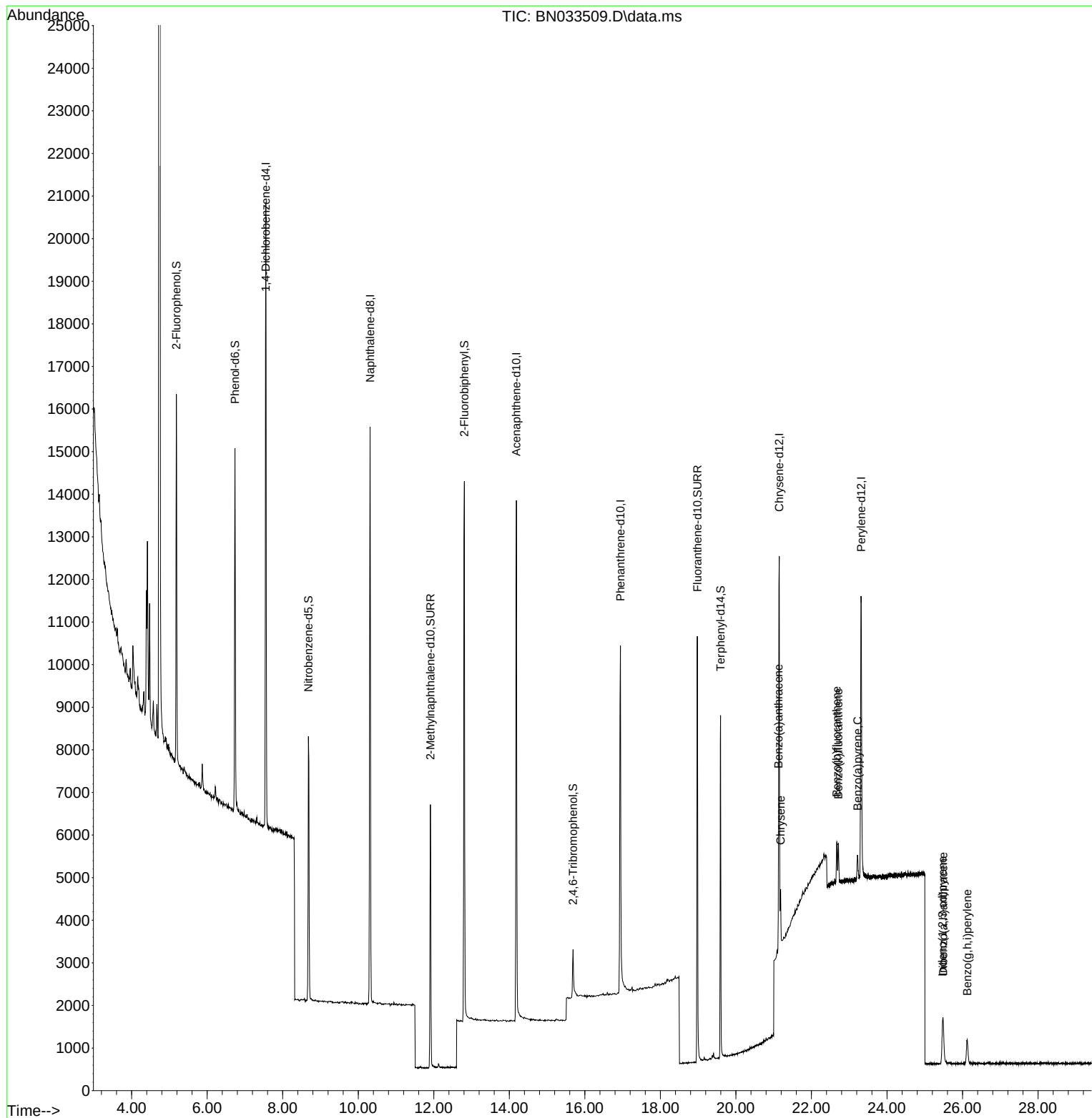
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	6669	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	16888	0.400	ng	# 0.00
13) Acenaphthene-d10	14.189	164	7342	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	13979	0.400	ng	0.00
29) Chrysene-d12	21.148	240	8601	0.400	ng	0.00
35) Perylene-d12	23.314	264	8871	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	6200	0.293	ng	0.00
5) Phenol-d6	6.736	99	7260	0.288	ng	0.00
8) Nitrobenzene-d5	8.681	82	4919	0.351	ng	-0.01
11) 2-Methylnaphthalene-d10	11.911	152	8363	0.346	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	830	0.210	ng	0.00
15) 2-Fluorobiphenyl	12.809	172	11939	0.398	ng	0.00
27) Fluoranthene-d10	18.979	212	11416	0.340	ng	0.00
31) Terphenyl-d14	19.593	244	7480	0.383	ng	0.00
Target Compounds						
						Qvalue
32) Benzo(a)anthracene	21.130	228	864	0.028	ng	# 85
33) Chrysene	21.184	228	1081	0.035	ng	# 91
36) Indeno(1,2,3-cd)pyrene	25.472	276	1378	0.037	ng	# 87
37) Benzo(b)fluoranthene	22.671	252	1170	0.035	ng	# 13
38) Benzo(k)fluoranthene	22.709	252	1164	0.036	ng	# 8
39) Benzo(a)pyrene	23.221	252	907	0.033	ng	# 1
40) Dibenzo(a,h)anthracene	25.490	278	1057	0.036	ng	# 33
41) Benzo(g,h,i)perylene	26.127	276	1153	0.037	ng	# 64

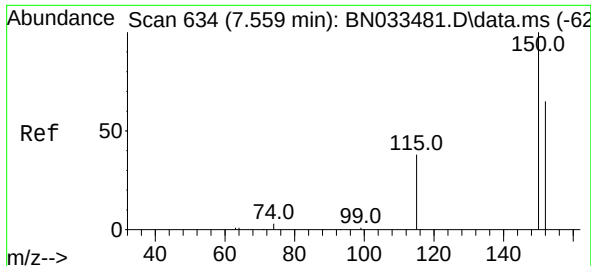
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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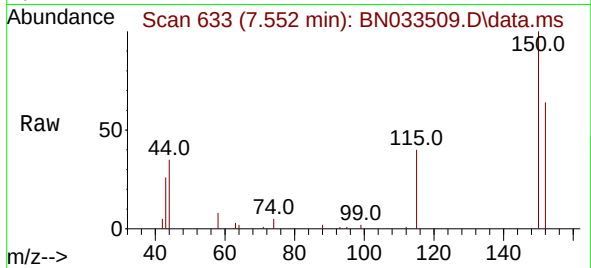
Quant Time: Aug 20 17:30:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
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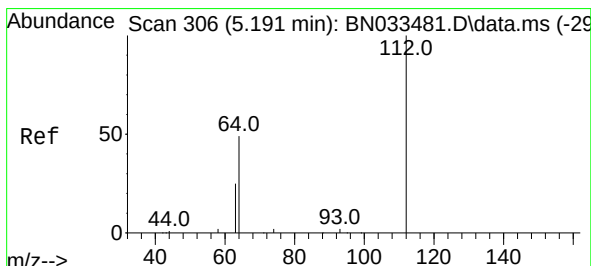
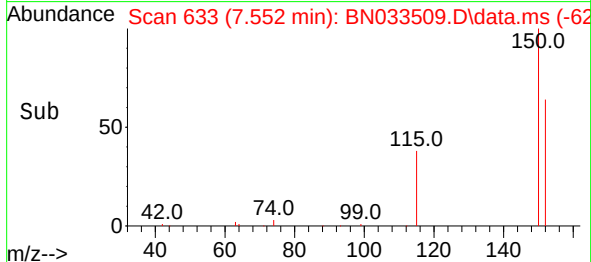
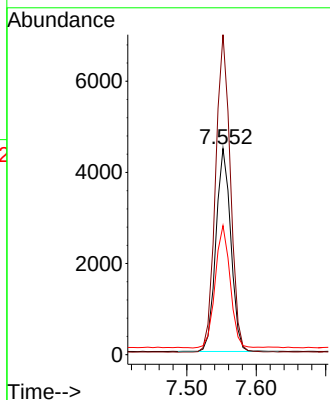
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.552 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN033509.D
 Acq: 20 Aug 2024 17:04

Instrument :
 BNA_N
 ClientSampleId :
 PB162851BL



Tgt Ion:152 Resp: 6669

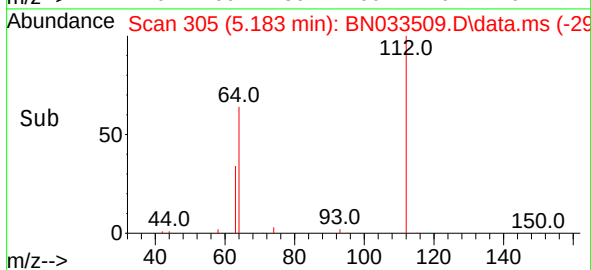
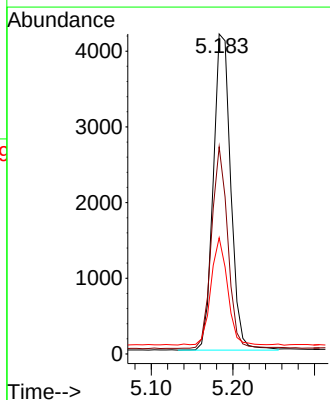
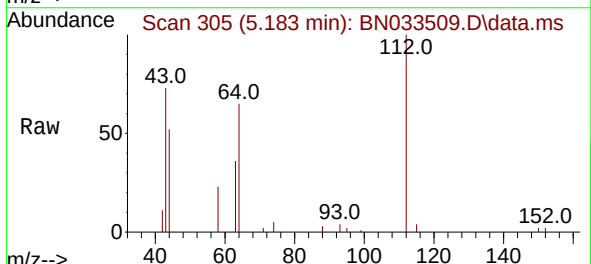
Ion	Ratio	Lower	Upper
152	100		
150	155.2	122.2	183.2
115	62.6	47.2	70.8

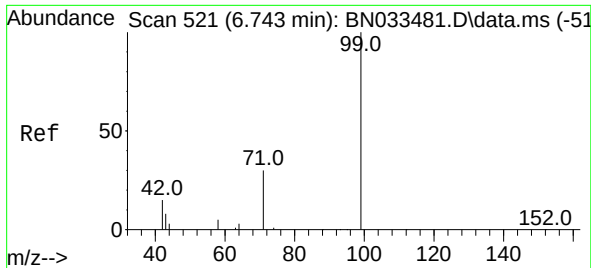


#4
 2-Fluorophenol
 Concen: 0.293 ng
 RT: 5.183 min Scan# 305
 Delta R.T. -0.007 min
 Lab File: BN033509.D
 Acq: 20 Aug 2024 17:04

Tgt Ion:112 Resp: 6200

Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.1	70.7
63	32.0	24.9	37.3

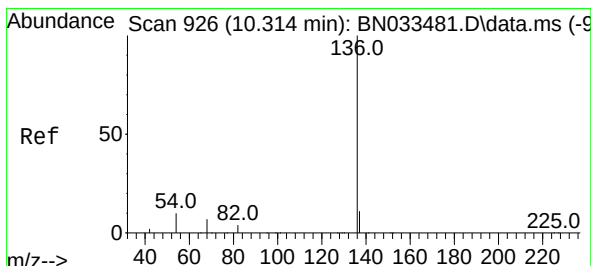
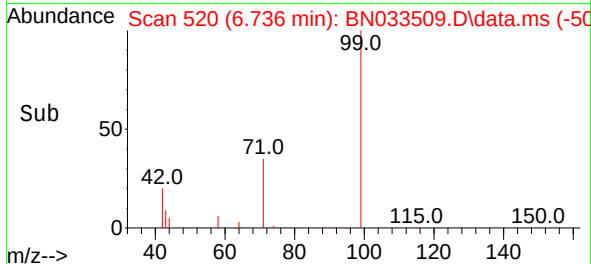
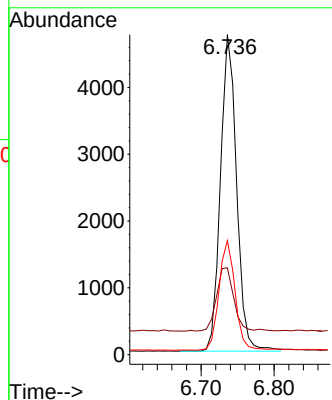
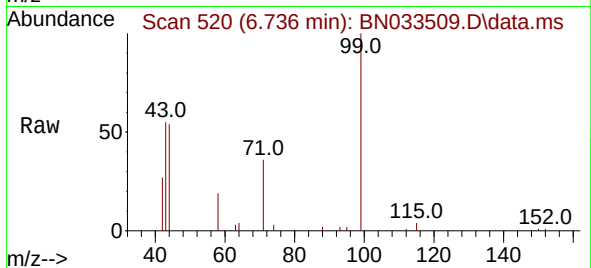




#5
Phenol-d6
Concen: 0.288 ng
RT: 6.736 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN033509.D
Acq: 20 Aug 2024 17:04

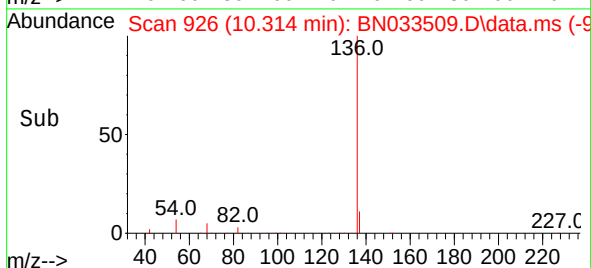
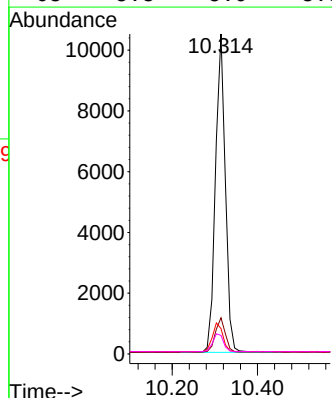
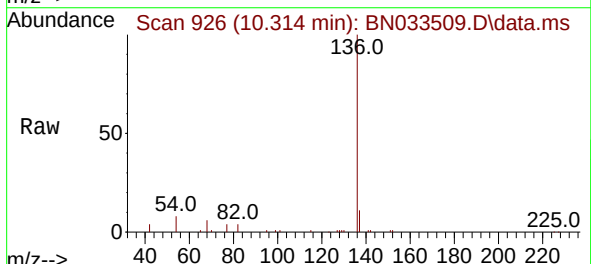
Instrument :
BNA_N
ClientSampleId :
PB162851BL

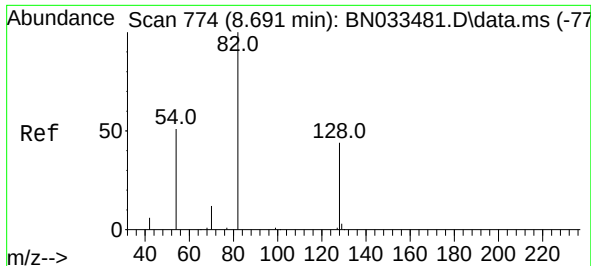
Tgt Ion: 99 Resp: 7260
Ion Ratio Lower Upper
99 100
42 21.6 16.6 24.8
71 34.7 26.2 39.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 926
Delta R.T. -0.000 min
Lab File: BN033509.D
Acq: 20 Aug 2024 17:04

Tgt Ion: 136 Resp: 16888
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 7.9 8.3 12.5#
68 5.8 5.9 8.9#

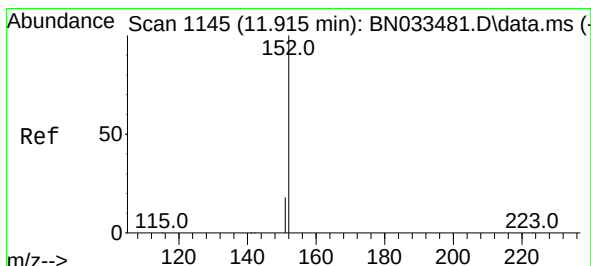
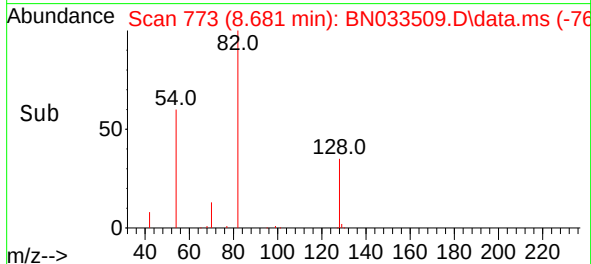
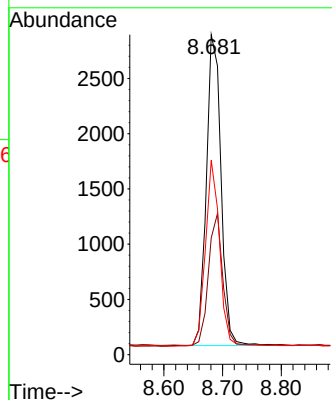
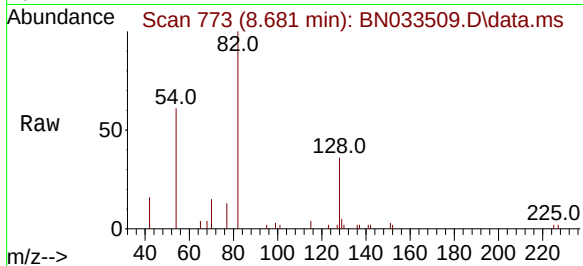




#8
 Nitrobenzene-d5
 Concen: 0.351 ng
 RT: 8.681 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN033509.D
 Acq: 20 Aug 2024 17:04

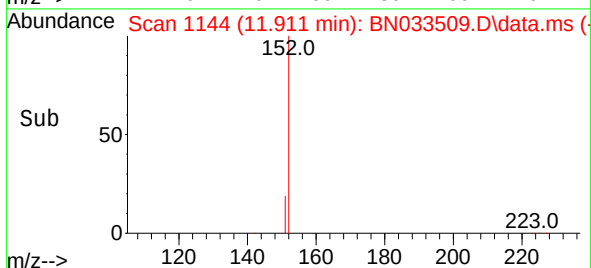
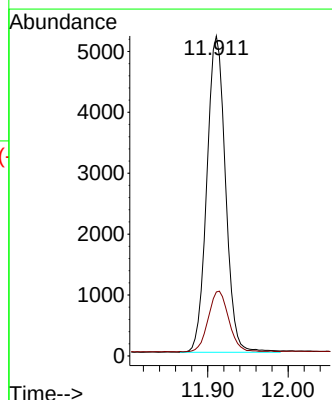
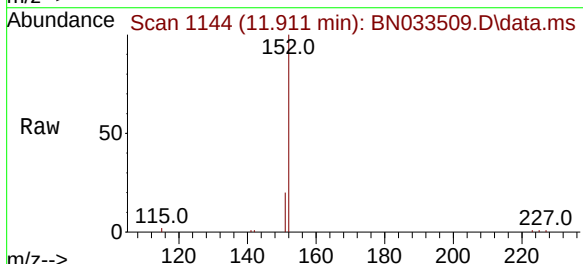
Instrument :
 BNA_N
 ClientSampleId :
 PB162851BL

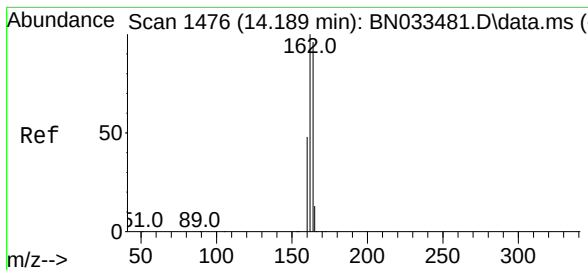
Tgt Ion: 82 Resp: 4919
 Ion Ratio Lower Upper
 82 100
 128 36.5 36.0 54.0
 54 60.7 42.0 63.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.346 ng
 RT: 11.911 min Scan# 1144
 Delta R.T. -0.004 min
 Lab File: BN033509.D
 Acq: 20 Aug 2024 17:04

Tgt Ion: 152 Resp: 8363
 Ion Ratio Lower Upper
 152 100
 151 21.1 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.189 min Scan# 1476

Delta R.T. -0.000 min

Lab File: BN033509.D

Acq: 20 Aug 2024 17:04

Instrument :

BNA_N

ClientSampleId :

PB162851BL

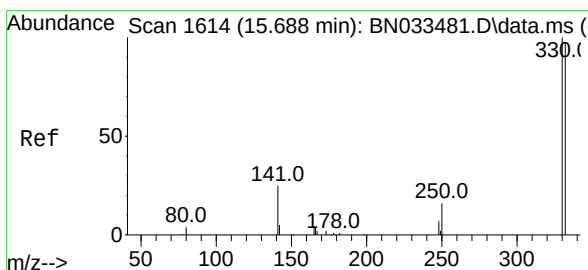
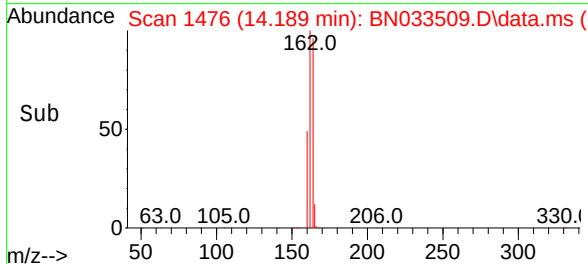
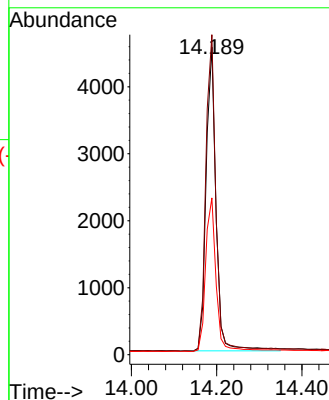
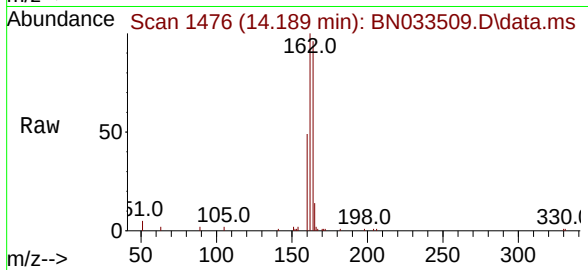
Tgt Ion:164 Resp: 7342

Ion Ratio Lower Upper

164 100

162 104.1 83.5 125.3

160 51.0 40.2 60.4



#14

2,4,6-Tribromophenol

Concen: 0.210 ng

RT: 15.688 min Scan# 1614

Delta R.T. -0.000 min

Lab File: BN033509.D

Acq: 20 Aug 2024 17:04

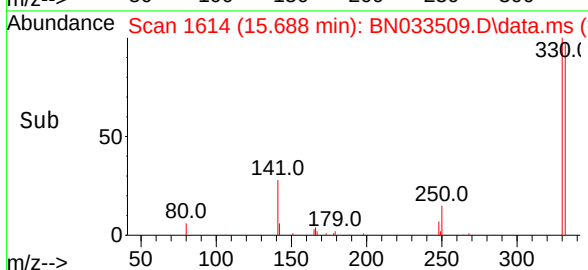
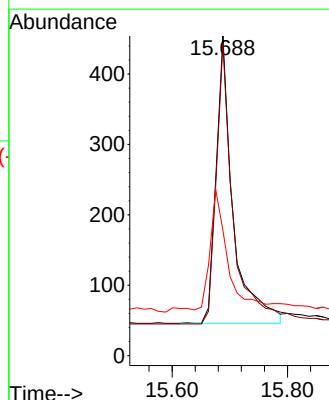
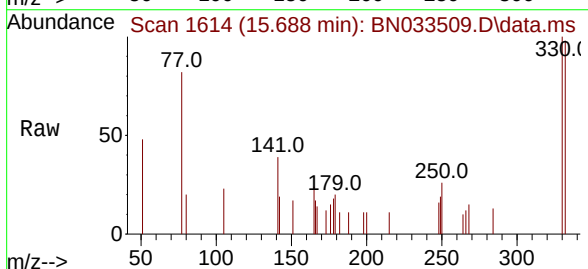
Tgt Ion:330 Resp: 830

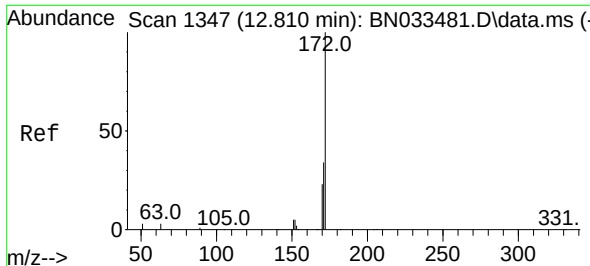
Ion Ratio Lower Upper

330 100

332 97.1 77.5 116.3

141 43.3 33.9 50.9





#15

2-Fluorobiphenyl

Concen: 0.398 ng

RT: 12.809 min Scan# 1347

Delta R.T. -0.000 min

Lab File: BN033509.D

Acq: 20 Aug 2024 17:04

Instrument :

BNA_N

ClientSampleId :

PB162851BL

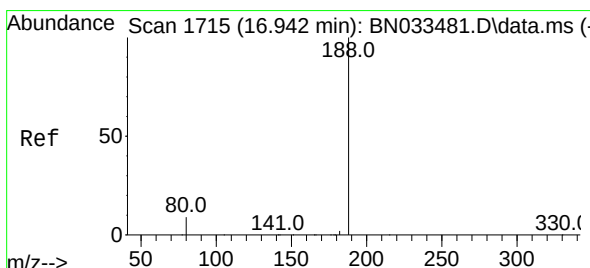
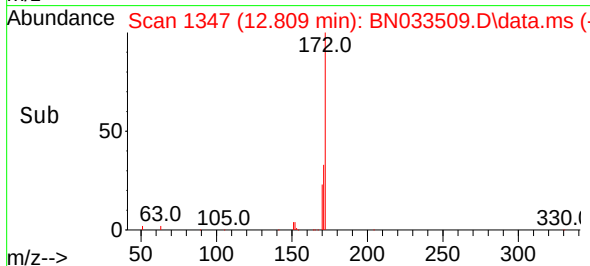
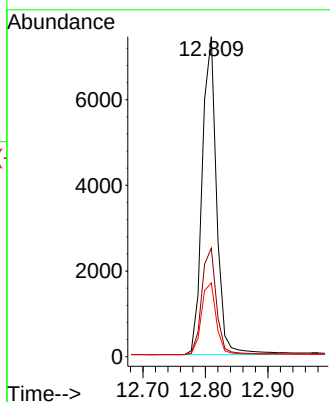
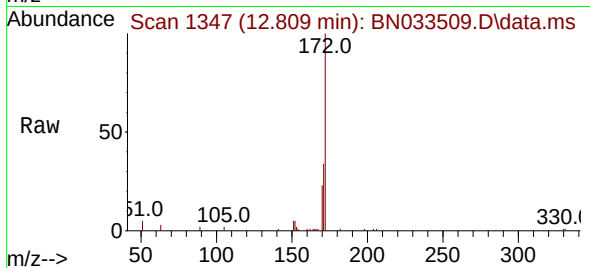
Tgt Ion:172 Resp: 11939

Ion Ratio Lower Upper

172 100

171 33.9 27.7 41.5

170 23.0 18.3 27.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.942 min Scan# 1715

Delta R.T. -0.000 min

Lab File: BN033509.D

Acq: 20 Aug 2024 17:04

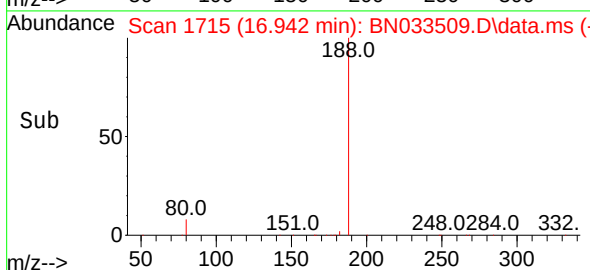
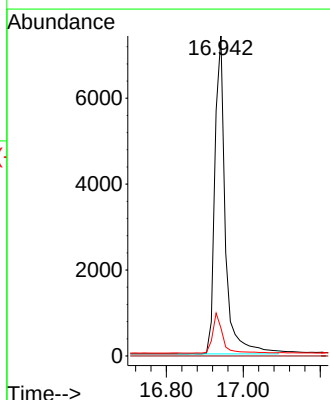
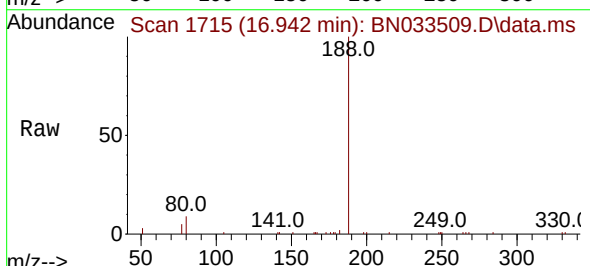
Tgt Ion:188 Resp: 13979

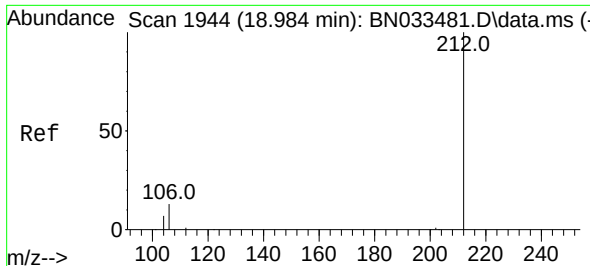
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.8 7.8 11.8

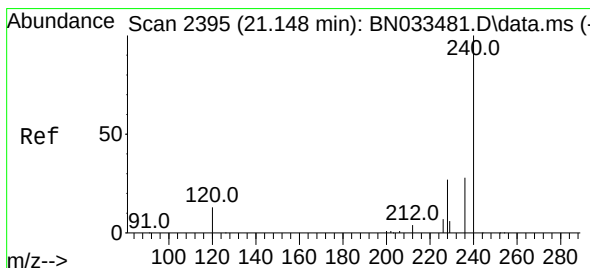
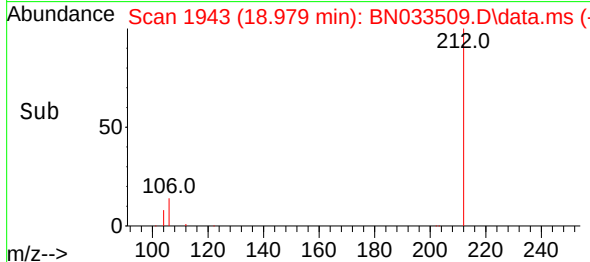
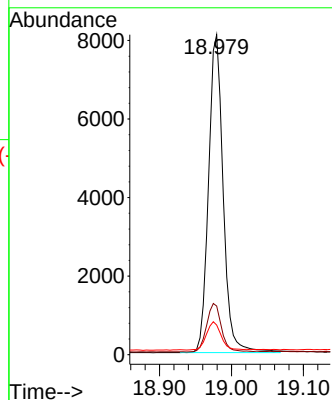
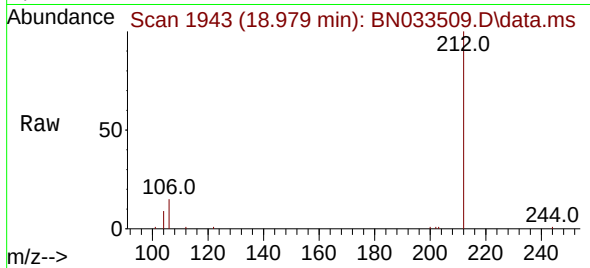




#27
Fluoranthene-d10
Concen: 0.340 ng
RT: 18.979 min Scan# 1943
Delta R.T. -0.005 min
Lab File: BN033509.D
Acq: 20 Aug 2024 17:04

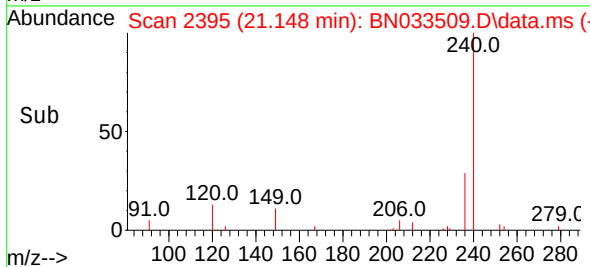
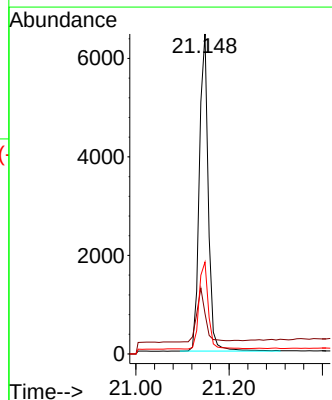
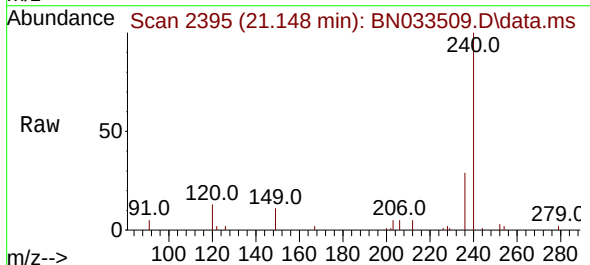
Instrument :
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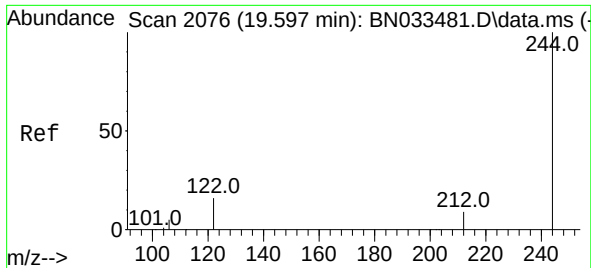
Tgt Ion:212 Resp: 11416
Ion Ratio Lower Upper
212 100
106 15.4 12.3 18.5
104 9.0 7.0 10.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.148 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BN033509.D
Acq: 20 Aug 2024 17:04

Tgt Ion:240 Resp: 8601
Ion Ratio Lower Upper
240 100
120 12.7 12.4 18.6
236 28.7 23.0 34.6

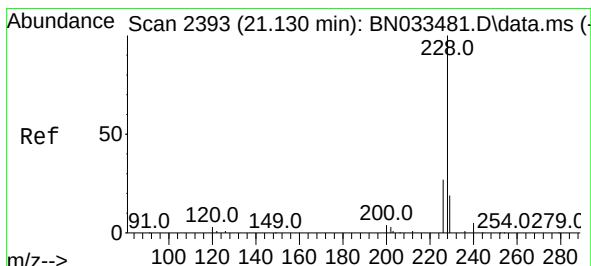
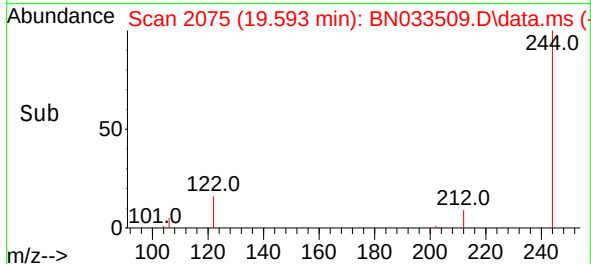
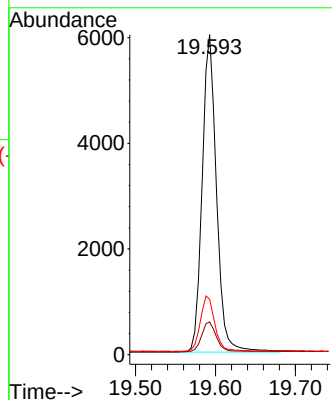
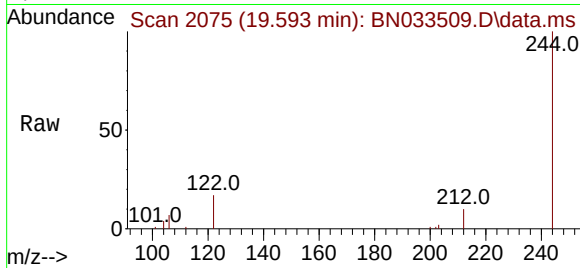




#31
 Terphenyl-d14
 Concen: 0.383 ng
 RT: 19.593 min Scan# 2076
 Delta R.T. -0.005 min
 Lab File: BN033509.D
 Acq: 20 Aug 2024 17:04

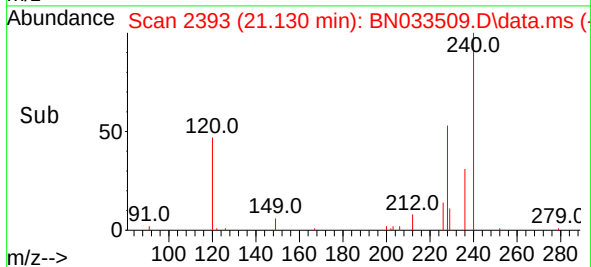
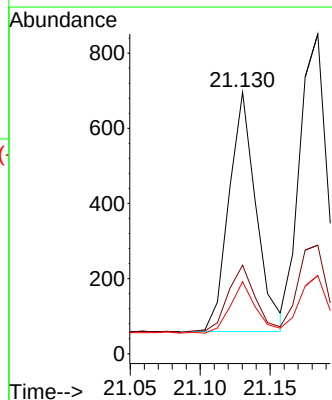
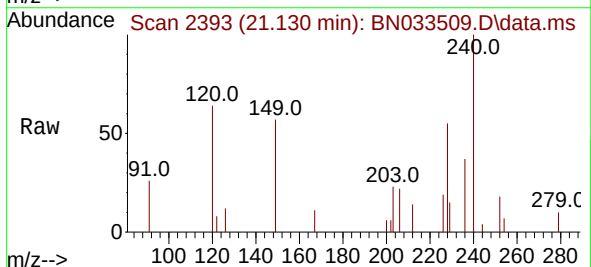
Instrument :
 BNA_N
 ClientSampleId :
 PB162851BL

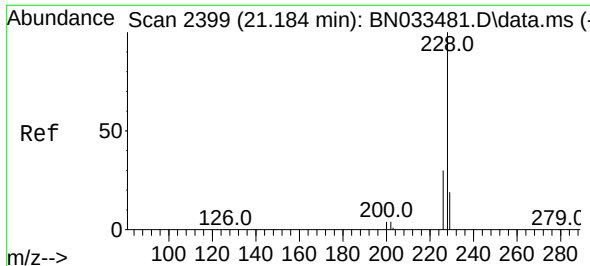
Tgt Ion:244 Resp: 7480
 Ion Ratio Lower Upper
 244 100
 212 10.3 7.8 11.6
 122 17.3 13.3 19.9



#32
 Benzo(a)anthracene
 Concen: 0.028 ng
 RT: 21.130 min Scan# 2393
 Delta R.T. -0.000 min
 Lab File: BN033509.D
 Acq: 20 Aug 2024 17:04

Tgt Ion:228 Resp: 864
 Ion Ratio Lower Upper
 228 100
 226 33.9 21.8 32.6#
 229 27.6 15.8 23.6#

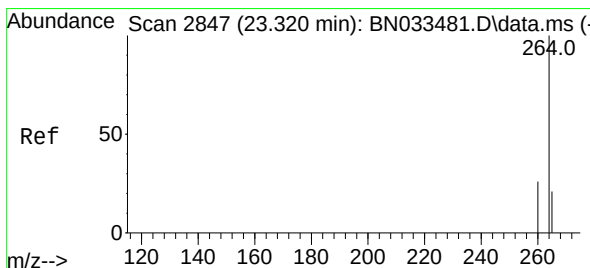
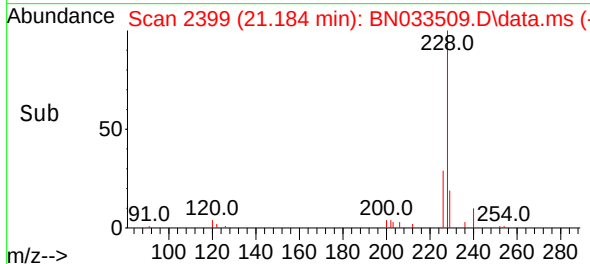
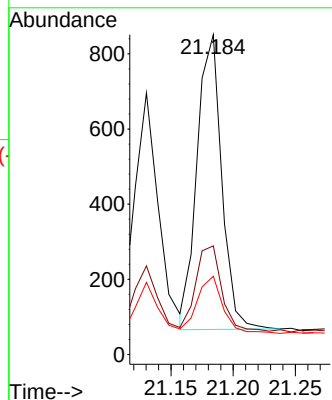
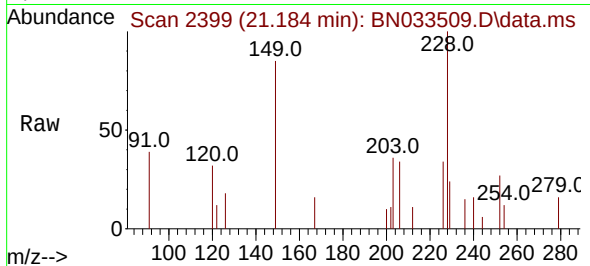




#33
Chrysene
Concen: 0.035 ng
RT: 21.184 min Scan# 241
Delta R.T. -0.000 min
Lab File: BN033509.D
Acq: 20 Aug 2024 17:04

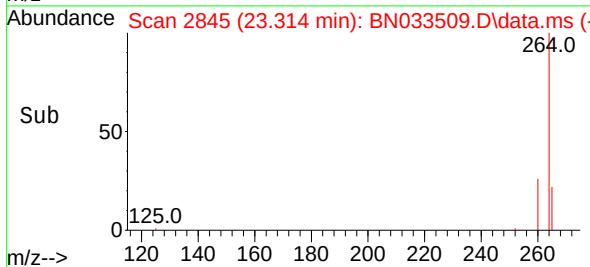
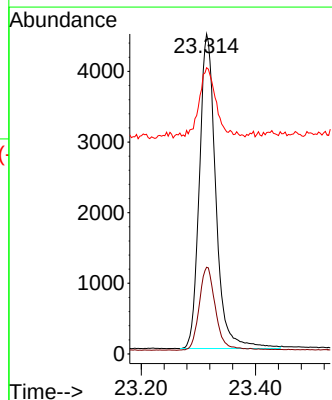
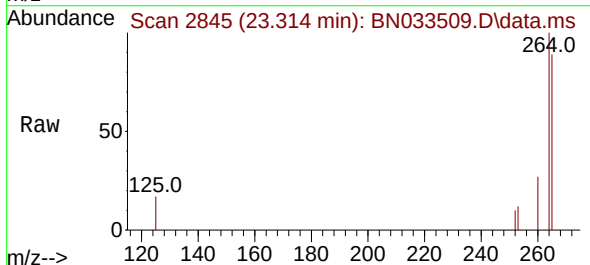
Instrument :
BNA_N
ClientSampleId :
PB162851BL

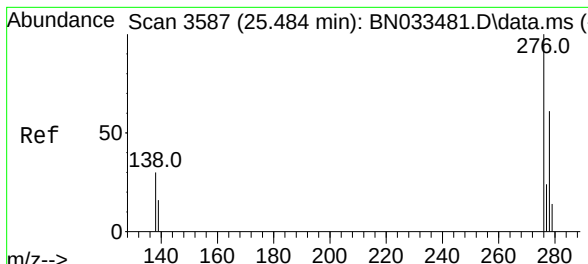
Tgt Ion:228 Resp: 1081
Ion Ratio Lower Upper
228 100
226 34.0 23.8 35.8
229 24.4 15.6 23.4#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.314 min Scan# 2845
Delta R.T. -0.006 min
Lab File: BN033509.D
Acq: 20 Aug 2024 17:04

Tgt Ion:264 Resp: 8871
Ion Ratio Lower Upper
264 100
260 27.1 20.8 31.2
265 89.5 52.2 78.2#

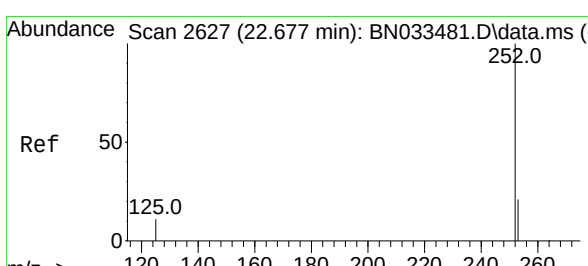
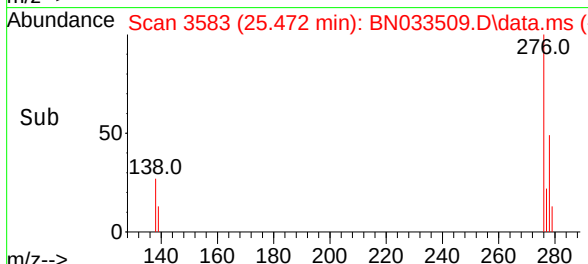
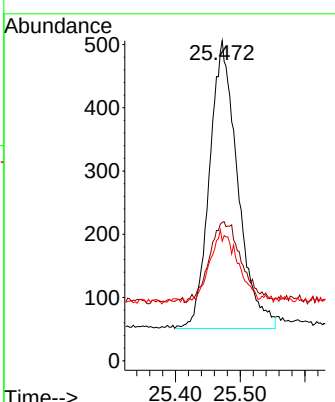
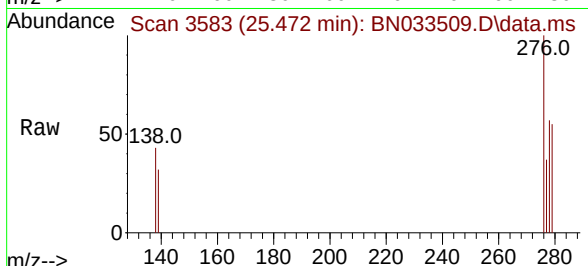




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.037 ng
 RT: 25.472 min Scan# 3583
 Delta R.T. -0.012 min
 Lab File: BN033509.D
 Acq: 20 Aug 2024 17:04

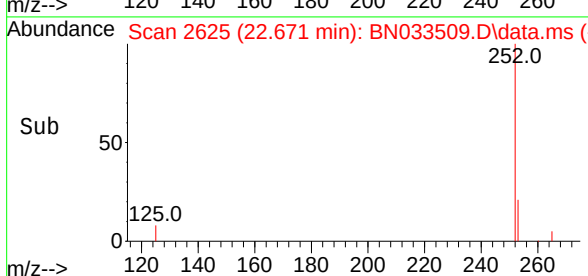
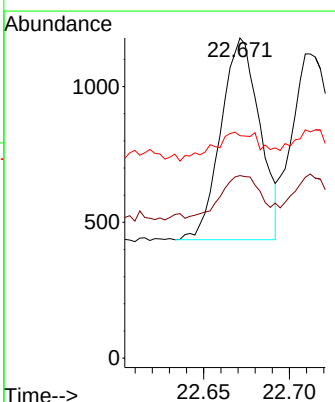
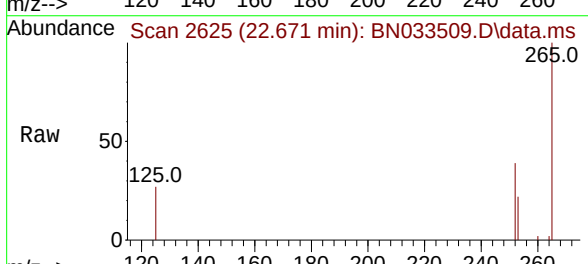
Instrument :
 BNA_N
 ClientSampleId :
 PB162851BL

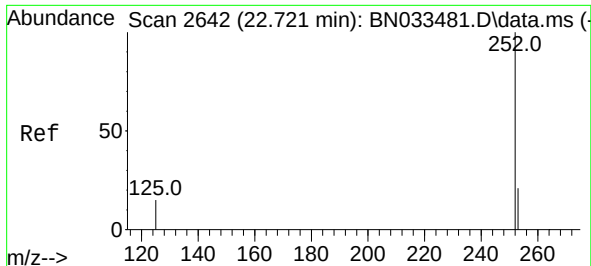
Tgt Ion:	276	Resp:	1378
Ion Ratio	Lower	Upper	
276	100		
138	32.1	24.4	36.6
277	11.5	19.8	29.6#



#37
 Benzo(b)fluoranthene
 Concen: 0.035 ng
 RT: 22.671 min Scan# 2625
 Delta R.T. -0.006 min
 Lab File: BN033509.D
 Acq: 20 Aug 2024 17:04

Tgt Ion:	252	Resp:	1170
Ion Ratio	Lower	Upper	
252	100		
253	57.0	19.8	29.8#
125	69.5	13.9	20.9#





#38

Benzo(k)fluoranthene

Concen: 0.036 ng

RT: 22.709 min Scan# 2

Delta R.T. -0.012 min

Lab File: BN033509.D

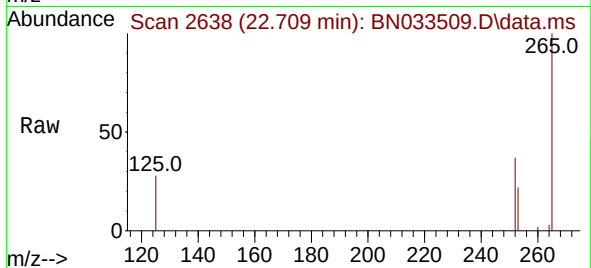
Acq: 20 Aug 2024 17:04

Instrument :

BNA_N

ClientSampleId :

PB162851BL



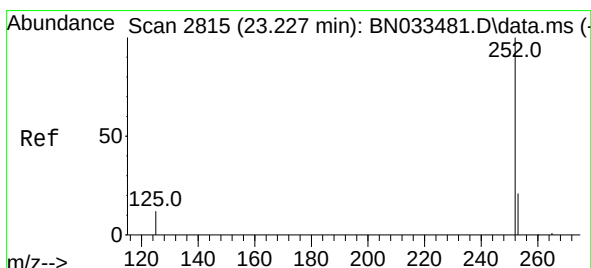
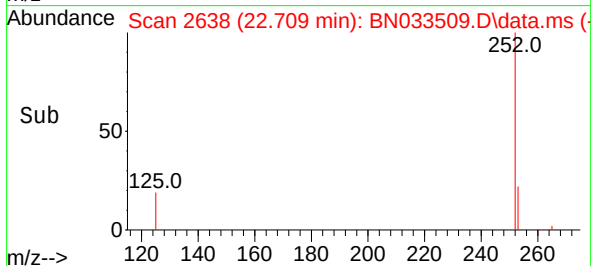
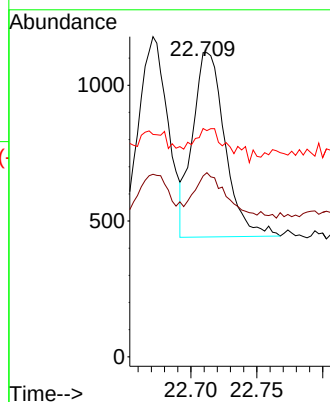
Tgt Ion:252 Resp: 1164

Ion Ratio Lower Upper

252 100

253 59.5 19.8 29.8#

125 75.1 15.8 23.8#



#39

Benzo(a)pyrene

Concen: 0.033 ng

RT: 23.221 min Scan# 2813

Delta R.T. -0.006 min

Lab File: BN033509.D

Acq: 20 Aug 2024 17:04

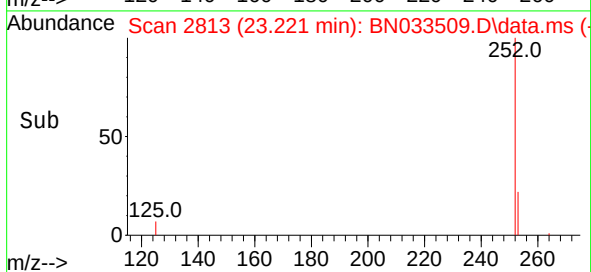
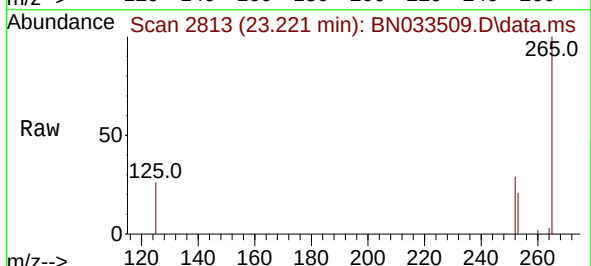
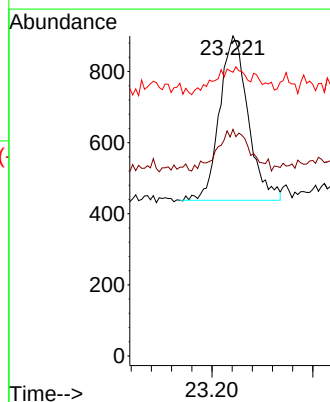
Tgt Ion:252 Resp: 907

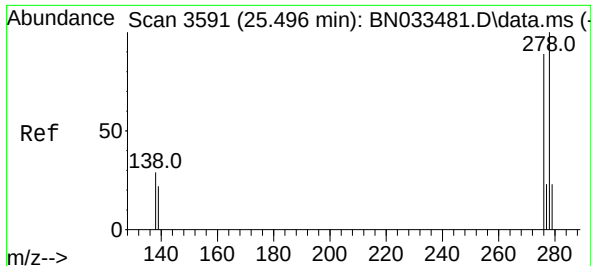
Ion Ratio Lower Upper

252 100

253 70.8 21.5 32.3#

125 88.7 17.0 25.4#





#40

Dibenzo(a,h)anthracene

Concen: 0.036 ng

RT: 25.490 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN033509.D

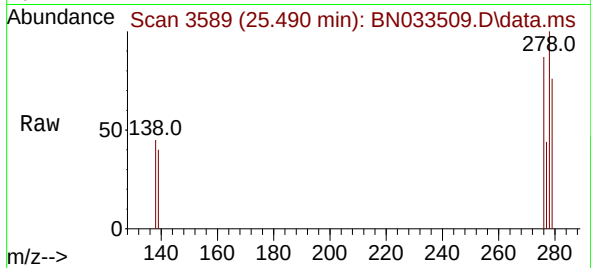
Acq: 20 Aug 2024 17:04

Instrument :

BNA_N

ClientSampleId :

PB162851BL



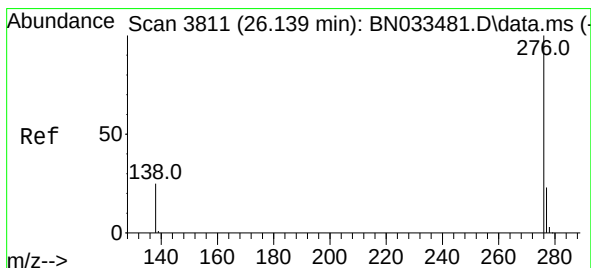
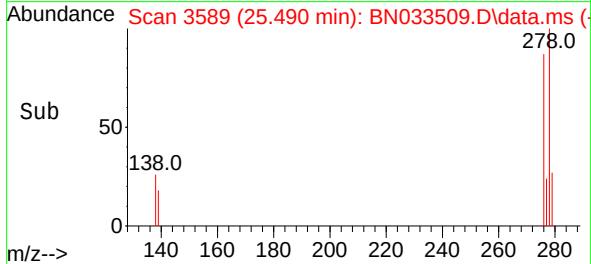
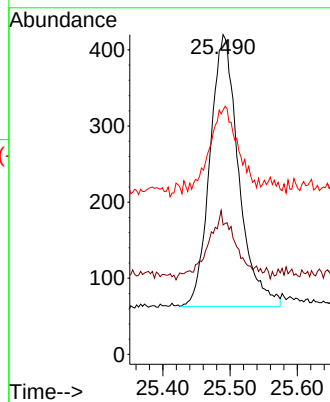
Tgt Ion:278 Resp: 1057

Ion Ratio Lower Upper

278 100

139 40.5 19.1 28.7#

279 76.4 21.0 31.4#



#41

Benzo(g,h,i)perylene

Concen: 0.037 ng

RT: 26.127 min Scan# 3807

Delta R.T. -0.012 min

Lab File: BN033509.D

Acq: 20 Aug 2024 17:04

Tgt Ion:276 Resp: 1153

Ion Ratio Lower Upper

276 100

277 44.3 19.7 29.5#

138 44.3 21.8 32.6#

