

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
 Data File : BN033545.D
 Acq On : 22 Aug 2024 10:28
 Operator : MA/JU
 Sample : PB162844BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB162844BL

Quant Time: Aug 22 10:54:47 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)

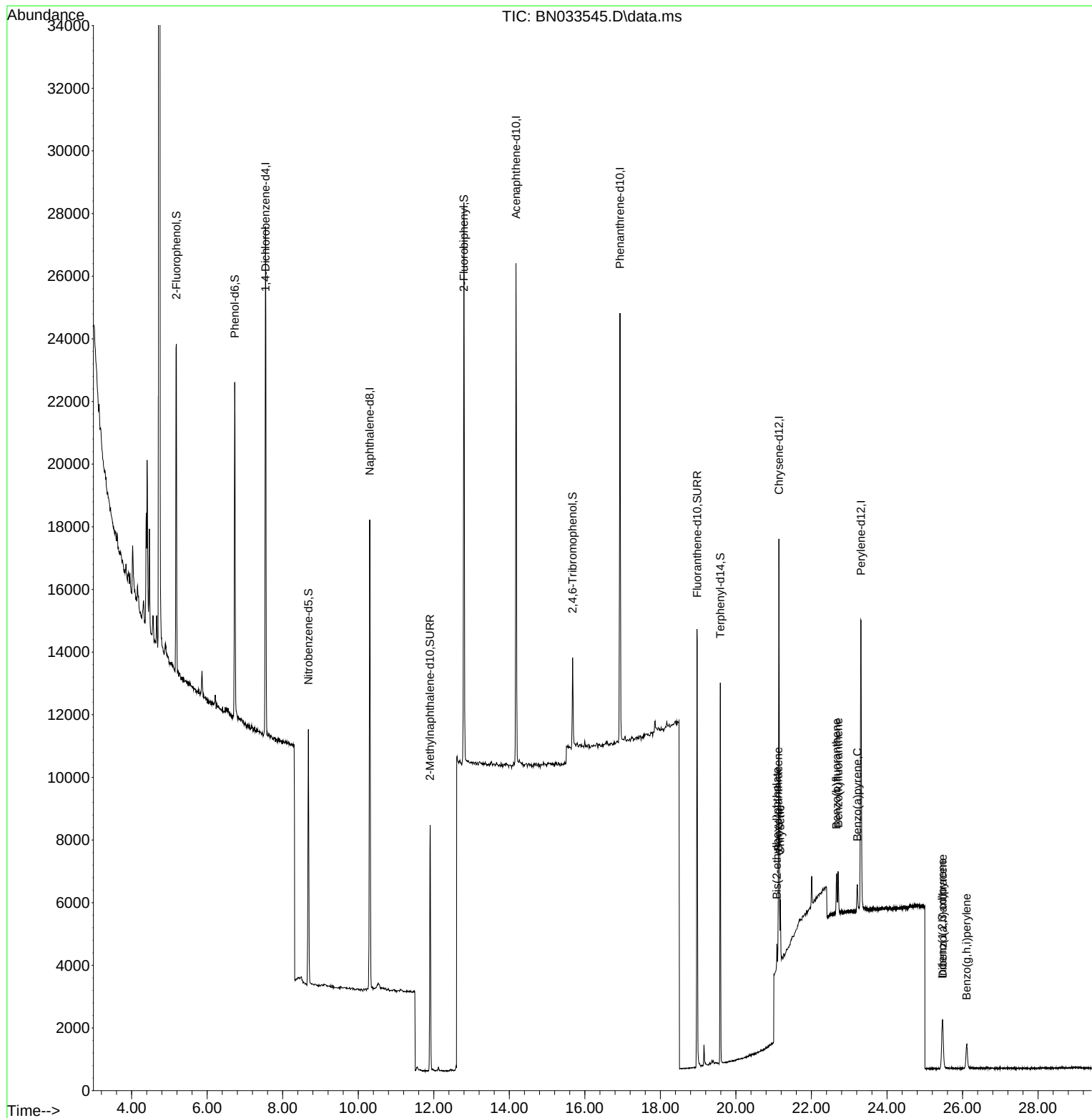
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	7475	0.400	ng	-0.01
7) Naphthalene-d8	10.304	136	18993	0.400	ng	-0.01
13) Acenaphthene-d10	14.178	164	8922	0.400	ng	-0.01
19) Phenanthrene-d10	16.929	188	17406	0.400	ng	-0.01
29) Chrysene-d12	21.139	240	11087	0.400	ng	0.00
35) Perylene-d12	23.309	264	11524	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	7953	0.335	ng	0.00
5) Phenol-d6	6.729	99	9291	0.329	ng	-0.01
8) Nitrobenzene-d5	8.681	82	5997	0.381	ng	-0.01
11) 2-Methylnaphthalene-d10	11.903	152	10299	0.379	ng	-0.01
14) 2,4,6-Tribromophenol	15.676	330	1498	0.312	ng	-0.01
15) 2-Fluorobiphenyl	12.799	172	14794	0.406	ng	-0.01
27) Fluoranthene-d10	18.975	212	15636	0.374	ng	0.00
31) Terphenyl-d14	19.588	244	10628	0.422	ng	0.00
Target Compounds						Qvalue
32) Benzo(a)anthracene	21.121	228	1277	0.032	ng	# 90
33) Chrysene	21.175	228	1513	0.038	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.086	149	7645	0.301	ng	# 60
36) Indeno(1,2,3-cd)pyrene	25.463	276	1840	0.038	ng	# 83
37) Benzo(b)fluoranthene	22.665	252	1609	0.037	ng	# 13
38) Benzo(k)fluoranthene	22.709	252	1501	0.035	ng	# 17
39) Benzo(a)pyrene	23.215	252	1204	0.034	ng	# 1
40) Dibenzo(a,h)anthracene	25.478	278	1469	0.038	ng	# 52
41) Benzo(g,h,i)perylene	26.109	276	1492	0.036	ng	# 72

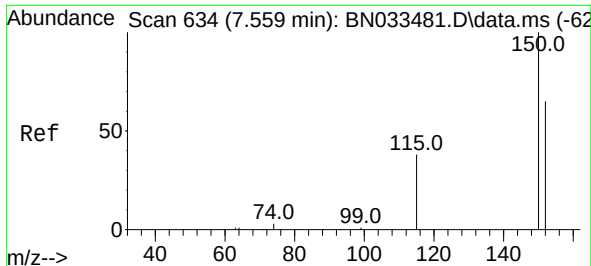
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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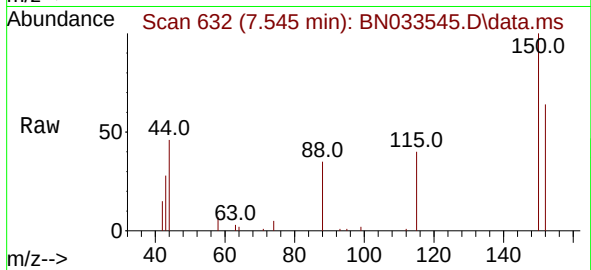
Quant Time: Aug 22 10:54:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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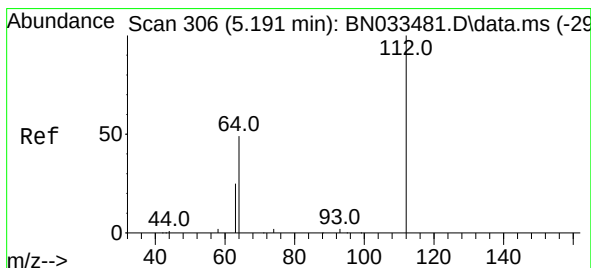
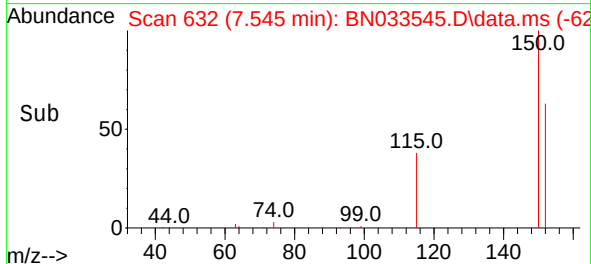
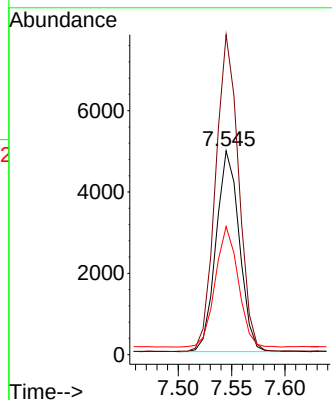


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.545 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN033545.D
Acq: 22 Aug 2024 10:28

Instrument :
BNA_N
ClientSampleId :
PB162844BL

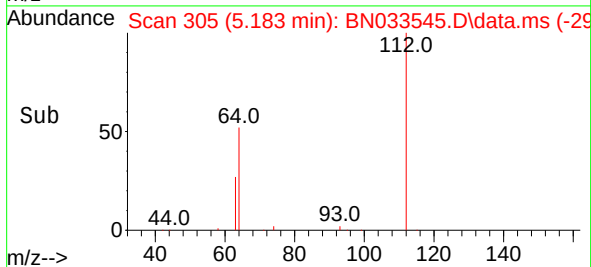
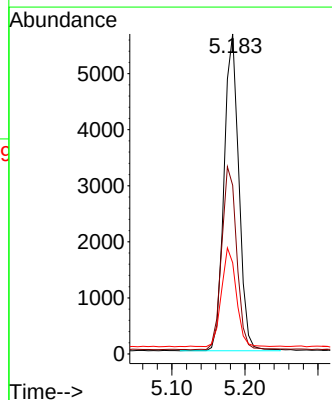
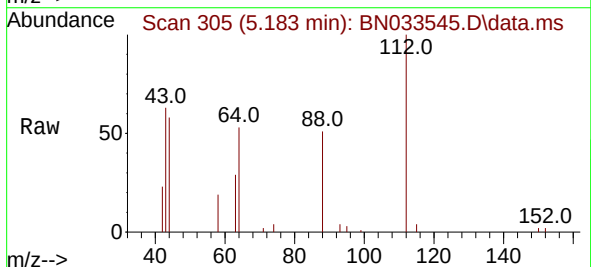


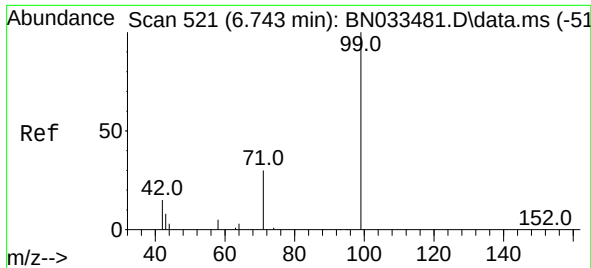
Tgt Ion:152 Resp: 7475
Ion Ratio Lower Upper
152 100
150 156.9 122.2 183.2
115 62.8 47.2 70.8



#4
2-Fluorophenol
Concen: 0.335 ng
RT: 5.183 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN033545.D
Acq: 22 Aug 2024 10:28

Tgt Ion:112 Resp: 7953
Ion Ratio Lower Upper
112 100
64 58.7 47.1 70.7
63 30.9 24.9 37.3

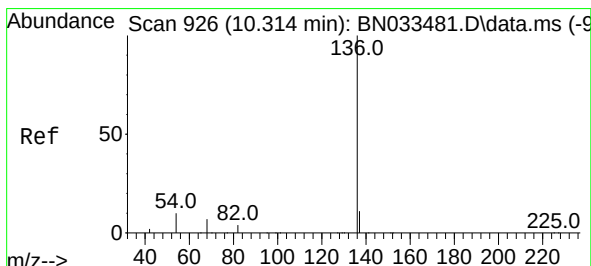
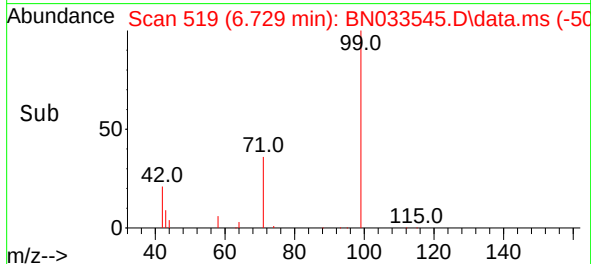
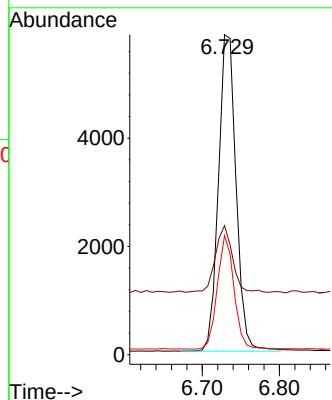
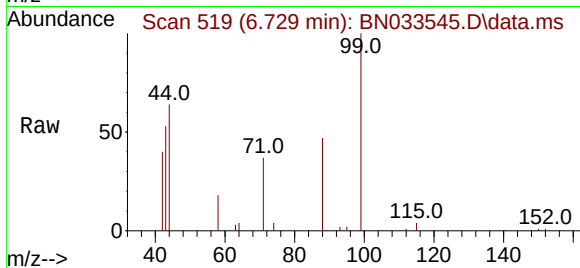




#5
Phenol-d6
Concen: 0.329 ng
RT: 6.729 min Scan# 519
Delta R.T. -0.015 min
Lab File: BN033545.D
Acq: 22 Aug 2024 10:28

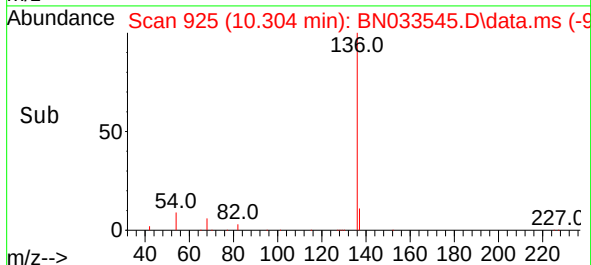
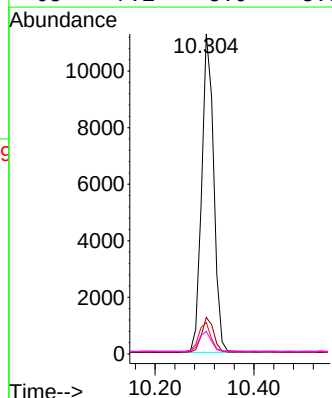
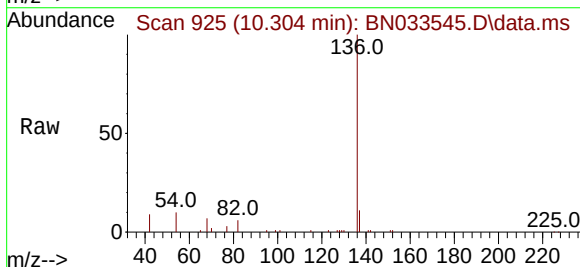
Instrument :
BNA_N
ClientSampleId :
PB162844BL

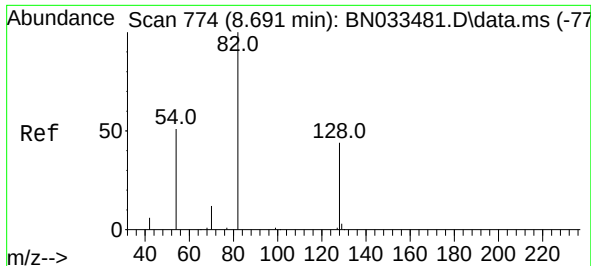
Tgt Ion:	99	Resp:	9291
Ion	Ratio	Lower	Upper
99	100		
42	20.3	16.6	24.8
71	33.8	26.2	39.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.304 min Scan# 925
Delta R.T. -0.011 min
Lab File: BN033545.D
Acq: 22 Aug 2024 10:28

Tgt Ion:	136	Resp:	18993
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	9.8	8.3	12.5
68	7.1	5.9	8.9

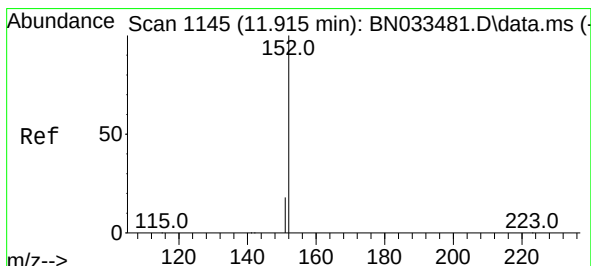
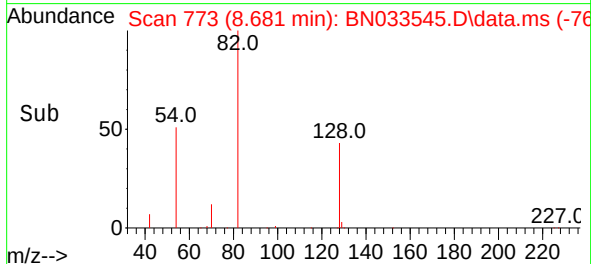
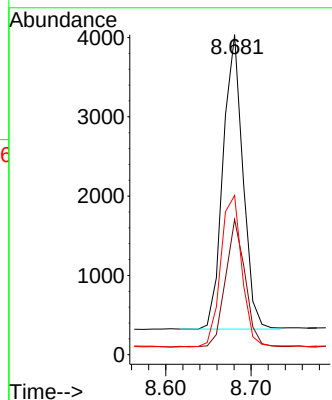
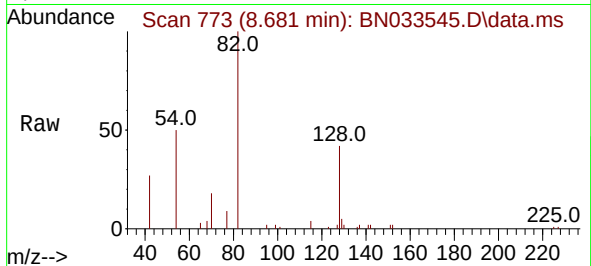




#8
 Nitrobenzene-d5
 Concen: 0.381 ng
 RT: 8.681 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN033545.D
 Acq: 22 Aug 2024 10:28

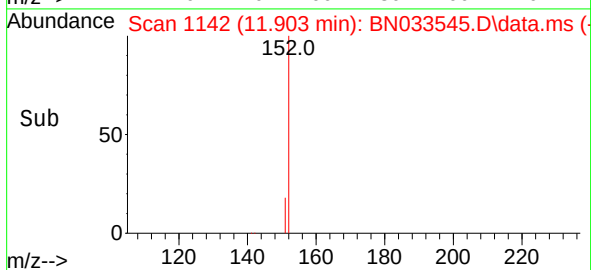
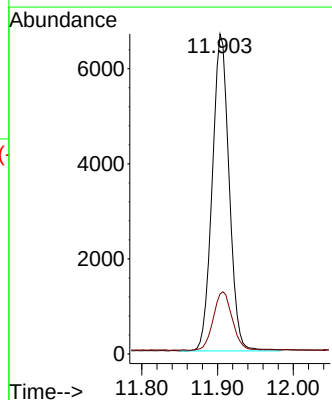
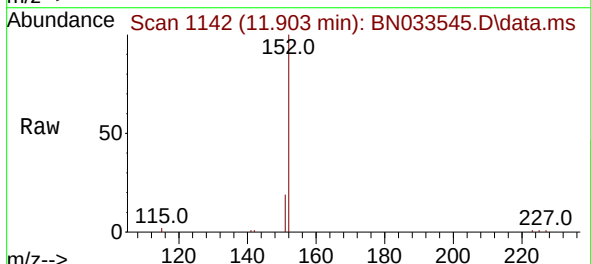
Instrument :
 BNA_N
 ClientSampleId :
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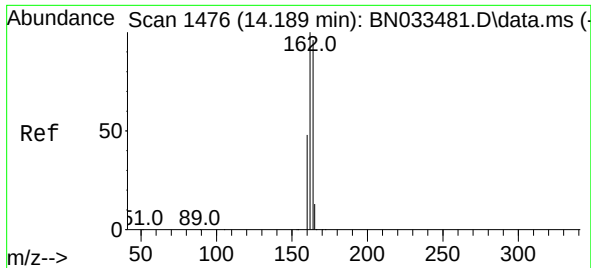
Tgt Ion: 82 Resp: 5997
 Ion Ratio Lower Upper
 82 100
 128 42.2 36.0 54.0
 54 49.8 42.0 63.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.379 ng
 RT: 11.903 min Scan# 1142
 Delta R.T. -0.011 min
 Lab File: BN033545.D
 Acq: 22 Aug 2024 10:28

Tgt Ion: 152 Resp: 10299
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.6 25.0

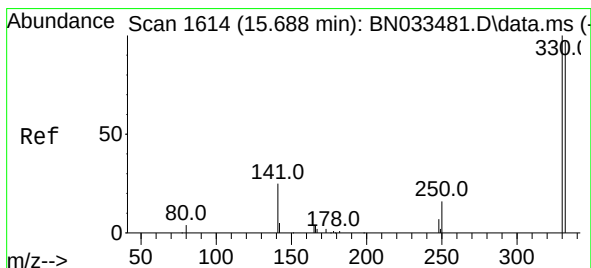
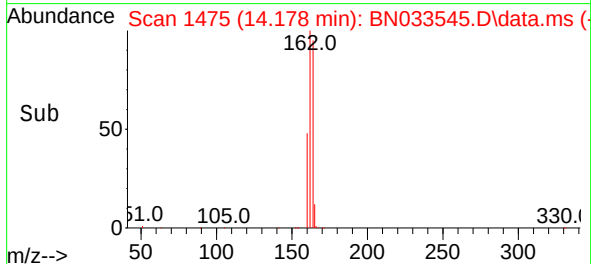
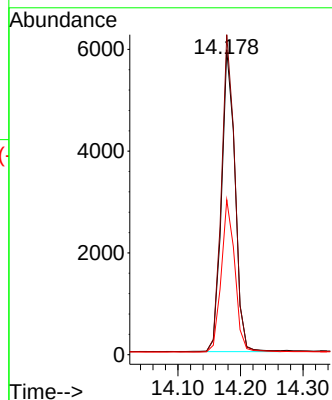
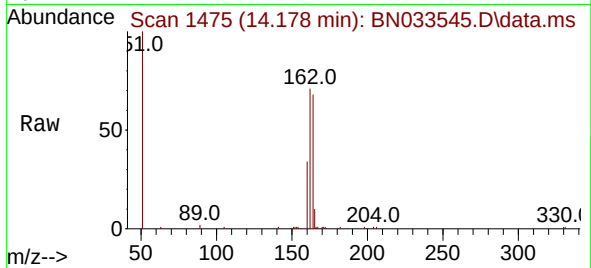




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.178 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN033545.D
Acq: 22 Aug 2024 10:28

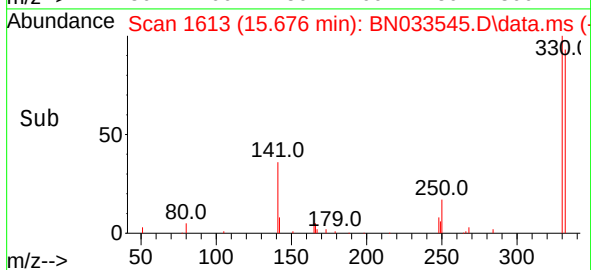
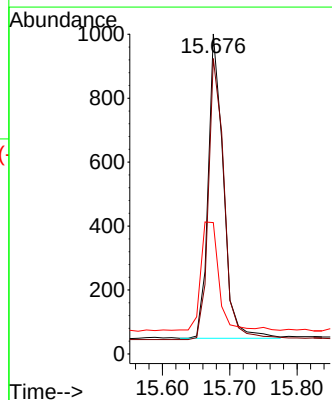
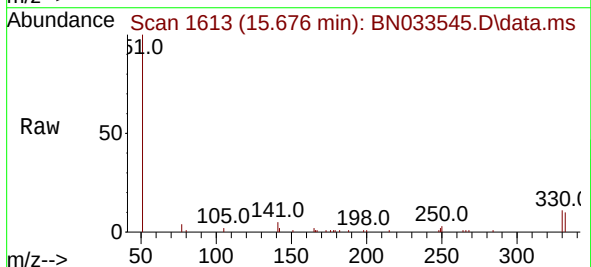
Instrument :
BNA_N
ClientSampleId :
PB162844BL

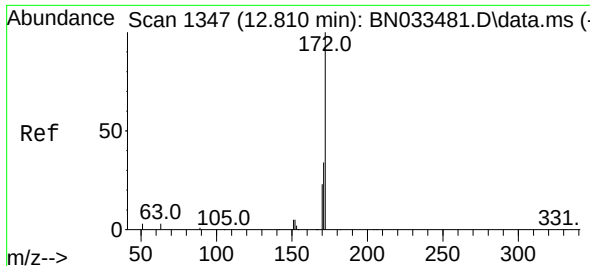
Tgt Ion:164 Resp: 8922
Ion Ratio Lower Upper
164 100
162 104.9 83.5 125.3
160 50.8 40.2 60.4



#14
2,4,6-Tribromophenol
Concen: 0.312 ng
RT: 15.676 min Scan# 1613
Delta R.T. -0.013 min
Lab File: BN033545.D
Acq: 22 Aug 2024 10:28

Tgt Ion:330 Resp: 1498
Ion Ratio Lower Upper
330 100
332 95.8 77.5 116.3
141 42.0 33.9 50.9





#15

2-Fluorobiphenyl

Concen: 0.406 ng

RT: 12.799 min Scan# 14

Delta R.T. -0.011 min

Lab File: BN033545.D

Acq: 22 Aug 2024 10:28

Instrument :

BNA_N

ClientSampleId :

PB162844BL

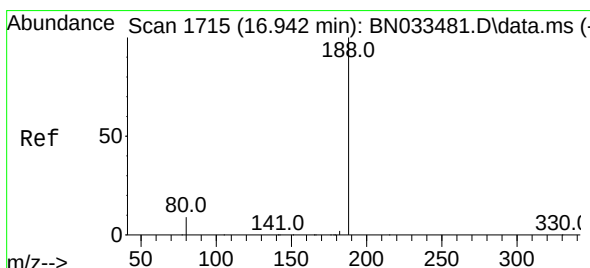
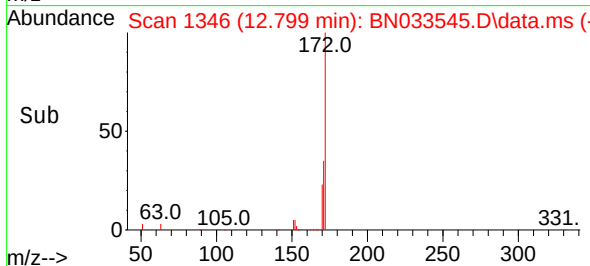
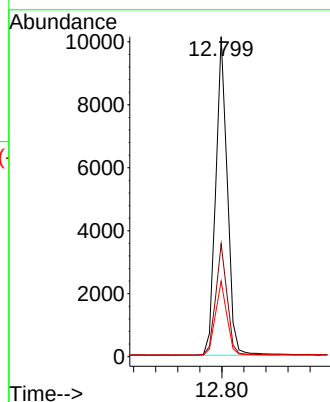
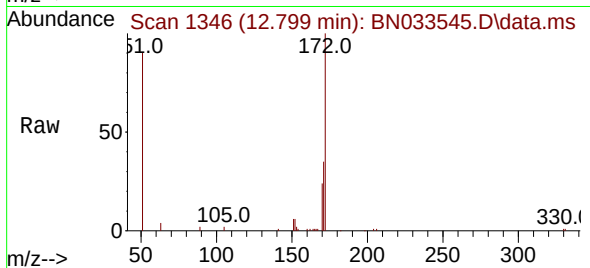
Tgt Ion:172 Resp: 14794

Ion Ratio Lower Upper

172 100

171 35.3 27.7 41.5

170 23.6 18.3 27.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.929 min Scan# 1714

Delta R.T. -0.013 min

Lab File: BN033545.D

Acq: 22 Aug 2024 10:28

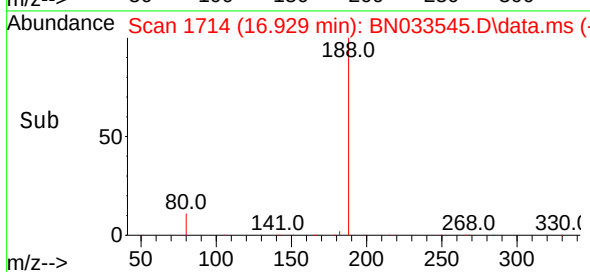
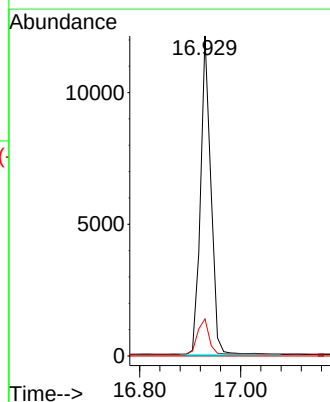
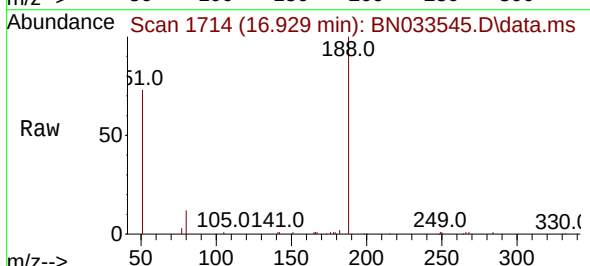
Tgt Ion:188 Resp: 17406

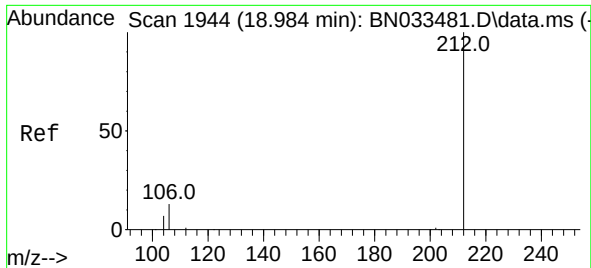
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

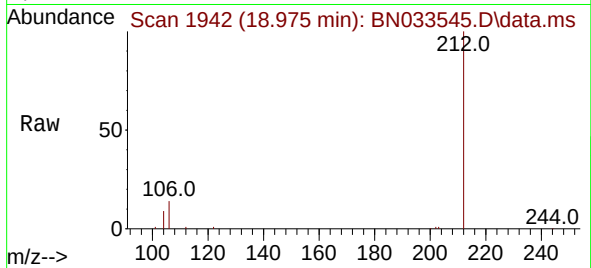
80 11.6 7.8 11.8



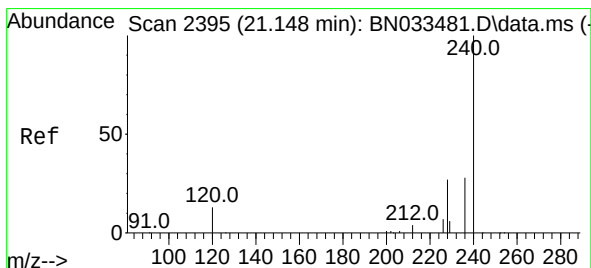
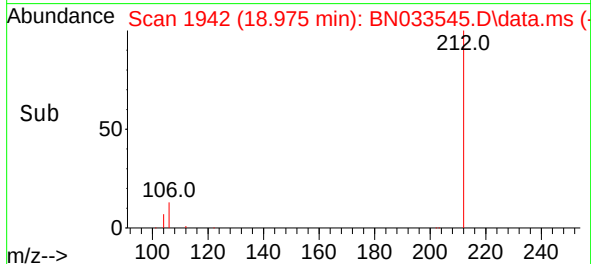
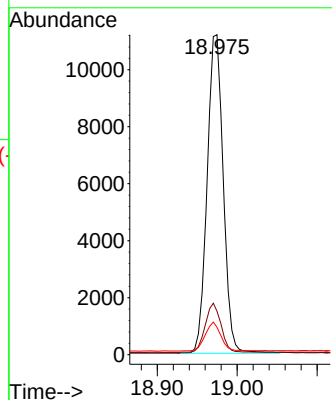


#27
Fluoranthene-d10
Concen: 0.374 ng
RT: 18.975 min Scan# 1942
Delta R.T. -0.009 min
Lab File: BN033545.D
Acq: 22 Aug 2024 10:28

Instrument :
BNA_N
ClientSampleId :
PB162844BL

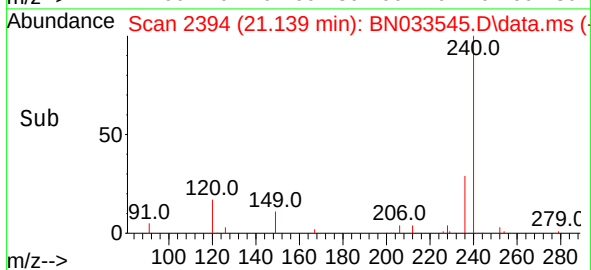
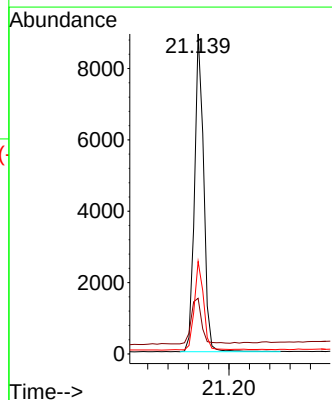
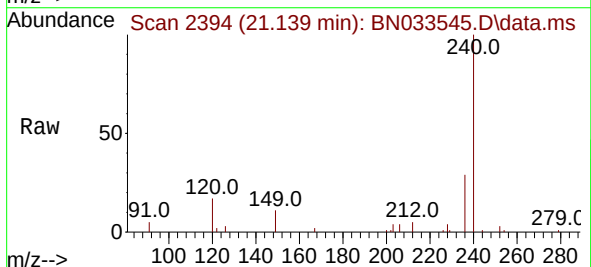


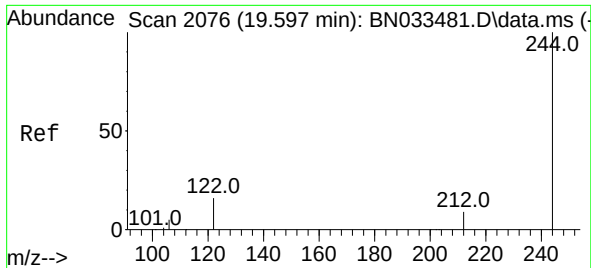
Tgt Ion:212 Resp: 15636
Ion Ratio Lower Upper
212 100
106 15.3 12.3 18.5
104 8.8 7.0 10.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.139 min Scan# 2394
Delta R.T. -0.009 min
Lab File: BN033545.D
Acq: 22 Aug 2024 10:28

Tgt Ion:240 Resp: 11087
Ion Ratio Lower Upper
240 100
120 17.4 12.4 18.6
236 28.9 23.0 34.6

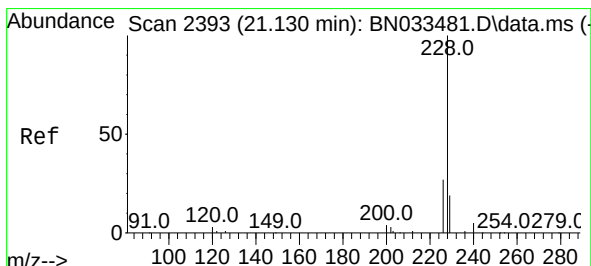
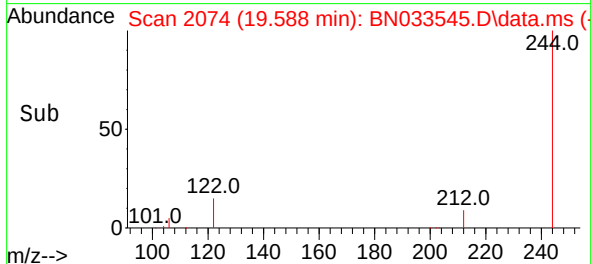
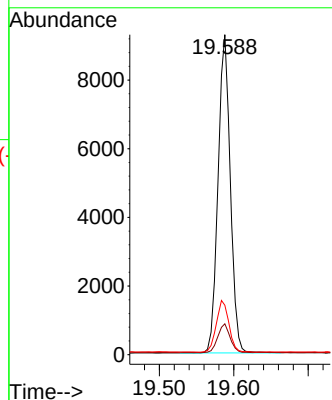
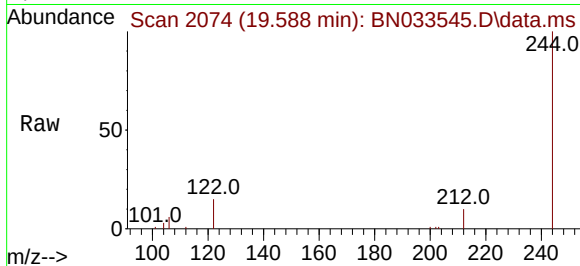




#31
Terphenyl-d14
Concen: 0.422 ng
RT: 19.588 min Scan# 2074
Delta R.T. -0.009 min
Lab File: BN033545.D
Acq: 22 Aug 2024 10:28

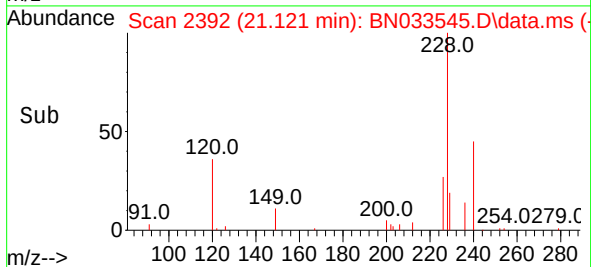
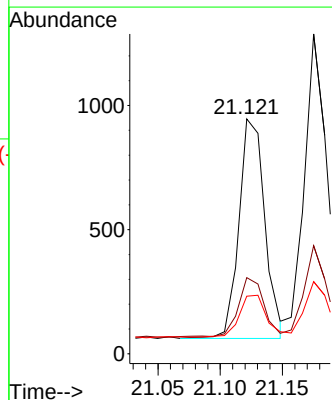
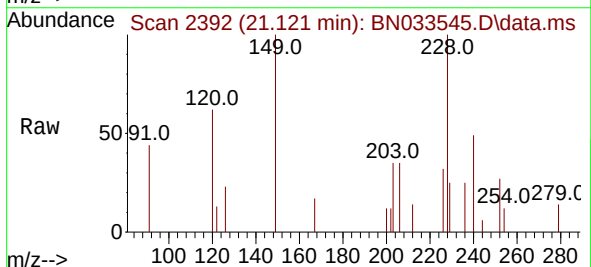
Instrument :
BNA_N
ClientSampleId :
PB162844BL

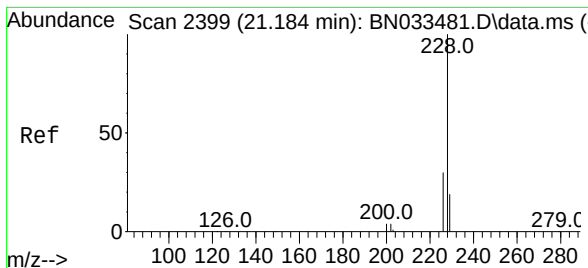
Tgt Ion:244 Resp: 10628
Ion Ratio Lower Upper
244 100
212 9.6 7.8 11.6
122 15.4 13.3 19.9



#32
Benzo(a)anthracene
Concen: 0.032 ng
RT: 21.121 min Scan# 2392
Delta R.T. -0.009 min
Lab File: BN033545.D
Acq: 22 Aug 2024 10:28

Tgt Ion:228 Resp: 1277
Ion Ratio Lower Upper
228 100
226 32.5 21.8 32.6
229 24.5 15.8 23.6#





#33

Chrysene

Concen: 0.038 ng

RT: 21.175 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN033545.D

Acq: 22 Aug 2024 10:28

Instrument :

BNA_N

ClientSampleId :

PB162844BL

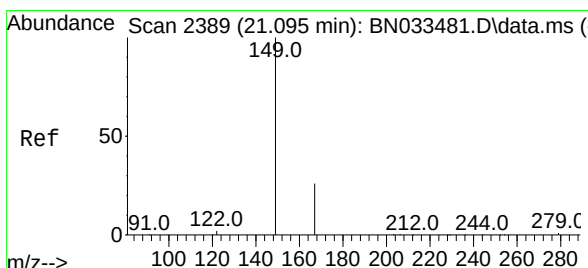
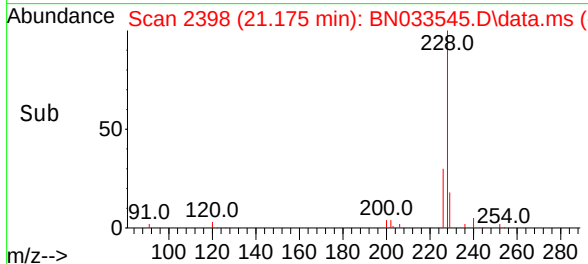
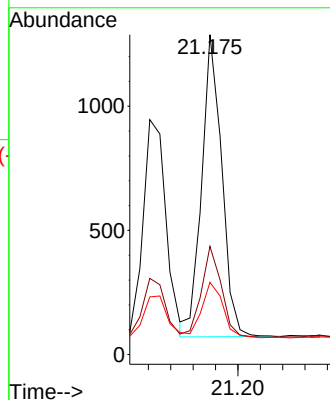
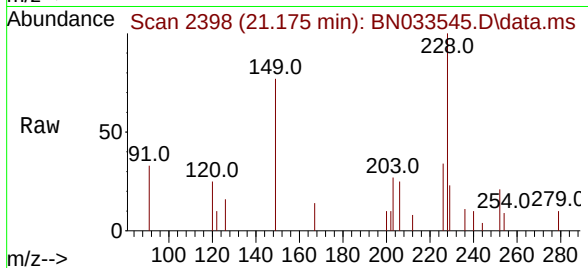
Tgt Ion:228 Resp: 1513

Ion Ratio Lower Upper

228 100

226 33.9 23.8 35.8

229 22.6 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.301 ng

RT: 21.086 min Scan# 2388

Delta R.T. -0.009 min

Lab File: BN033545.D

Acq: 22 Aug 2024 10:28

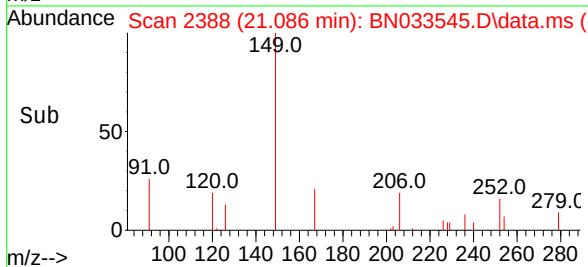
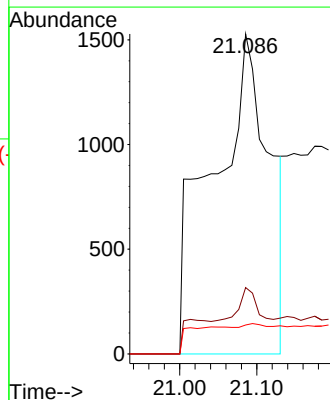
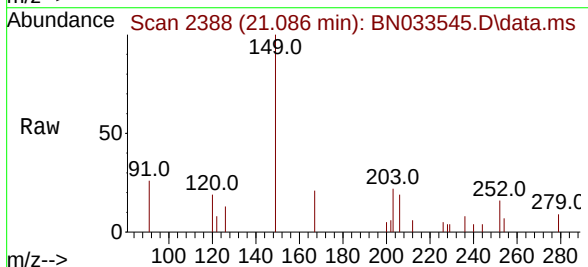
Tgt Ion:149 Resp: 7645

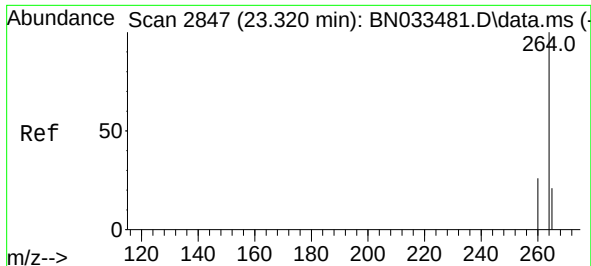
Ion Ratio Lower Upper

149 100

167 4.6 21.5 32.3#

279 0.0 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: BN033545.D

Acq: 22 Aug 2024 10:28

Instrument :

BNA_N

ClientSampleId :

PB162844BL

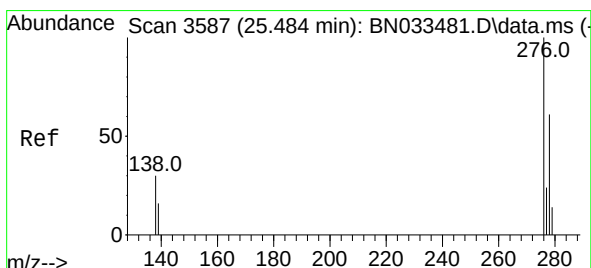
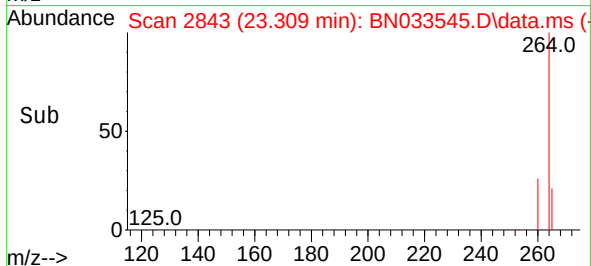
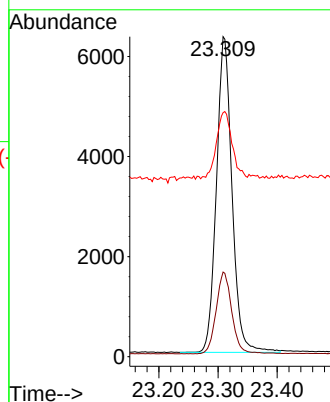
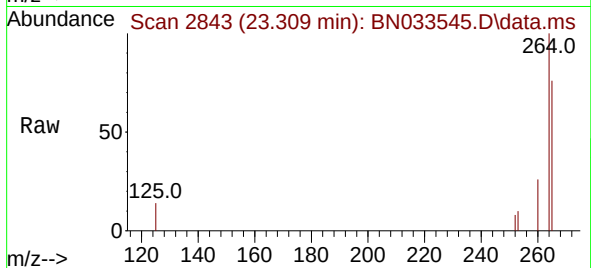
Tgt Ion:264 Resp: 11524

Ion Ratio Lower Upper

264 100

260 26.4 20.8 31.2

265 76.3 52.2 78.2



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.038 ng

RT: 25.463 min Scan# 3580

Delta R.T. -0.021 min

Lab File: BN033545.D

Acq: 22 Aug 2024 10:28

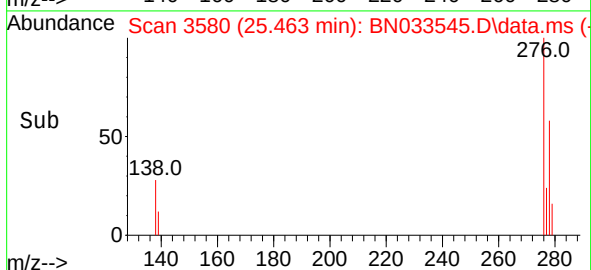
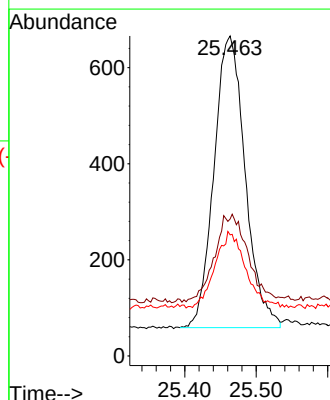
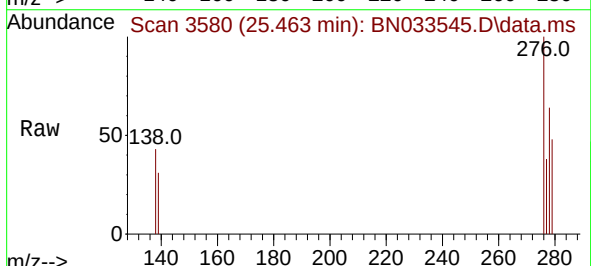
Tgt Ion:276 Resp: 1840

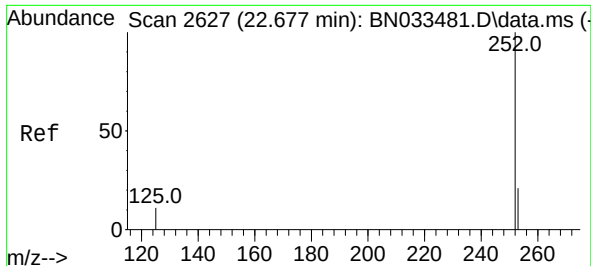
Ion Ratio Lower Upper

276 100

138 14.0 24.4 36.6#

277 23.9 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 0.037 ng

RT: 22.665 min Scan# 2623

Delta R.T. -0.012 min

Lab File: BN033545.D

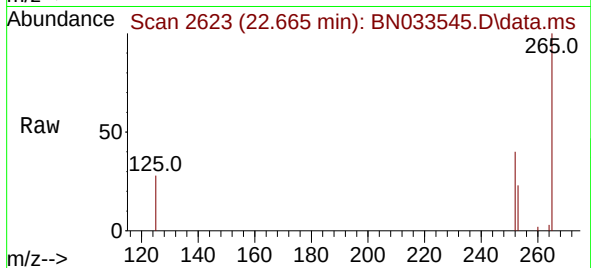
Acq: 22 Aug 2024 10:28

Instrument :

BNA_N

ClientSampleId :

PB162844BL



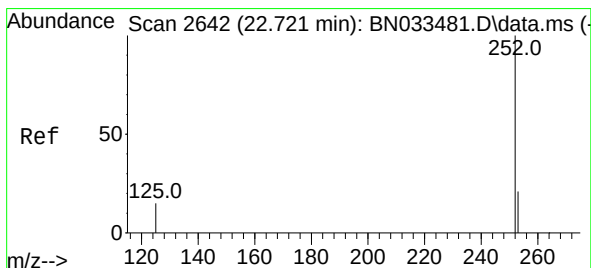
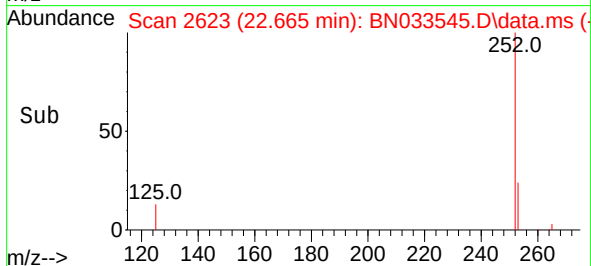
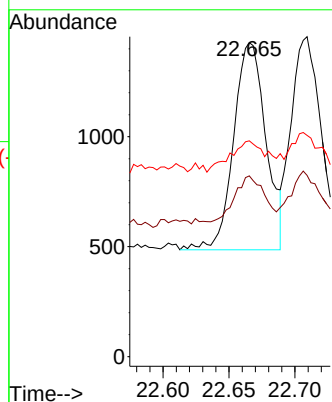
Tgt Ion:252 Resp: 1609

Ion Ratio Lower Upper

252 100

253 57.6 19.8 29.8#

125 68.7 13.9 20.9#



#38

Benzo(k)fluoranthene

Concen: 0.035 ng

RT: 22.709 min Scan# 2638

Delta R.T. -0.012 min

Lab File: BN033545.D

Acq: 22 Aug 2024 10:28

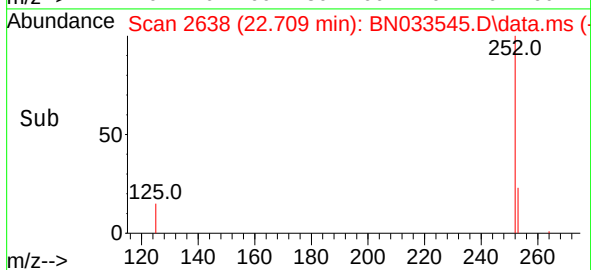
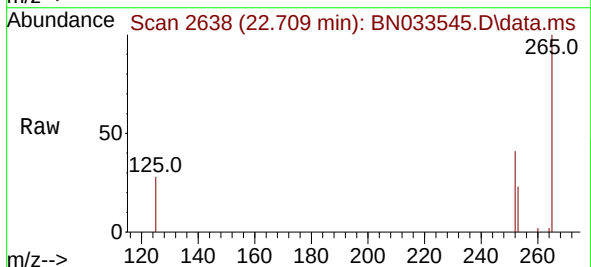
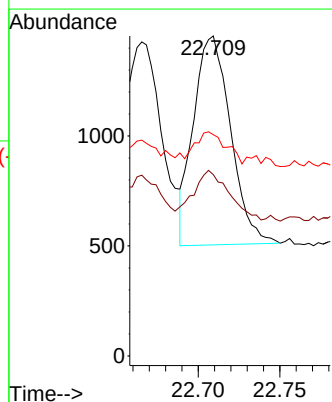
Tgt Ion:252 Resp: 1501

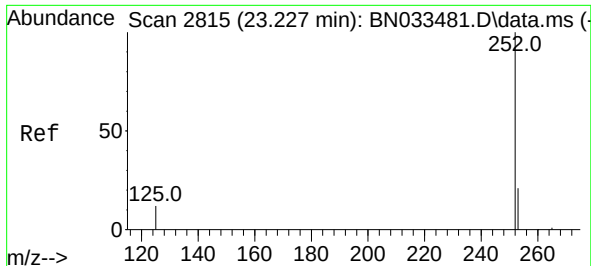
Ion Ratio Lower Upper

252 100

253 56.6 19.8 29.8#

125 69.1 15.8 23.8#





#39

Benzo(a)pyrene

Concen: 0.034 ng

RT: 23.215 min Scan# 21

Delta R.T. -0.012 min

Lab File: BN033545.D

Acq: 22 Aug 2024 10:28

Instrument :

BNA_N

ClientSampleId :

PB162844BL

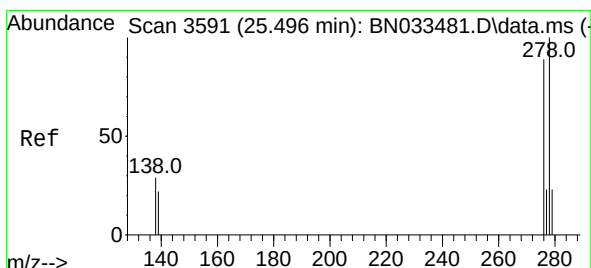
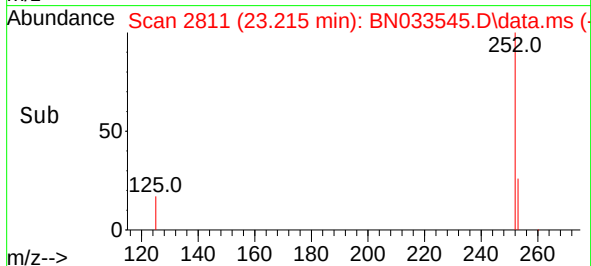
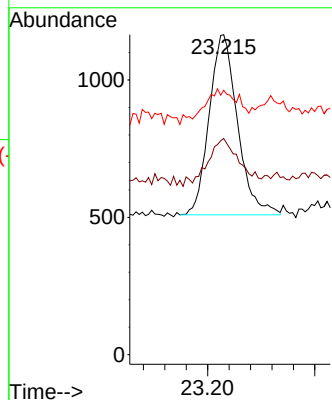
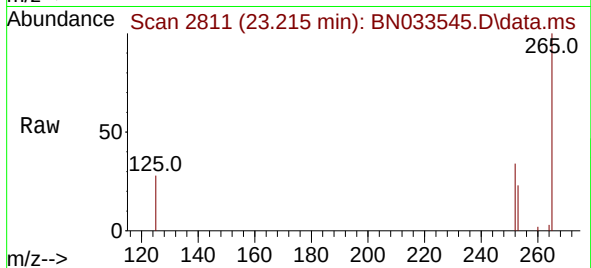
Tgt Ion:252 Resp: 1204

Ion Ratio Lower Upper

252 100

253 67.6 21.5 32.3#

125 82.7 17.0 25.4#



#40

Dibenzo(a,h)anthracene

Concen: 0.038 ng

RT: 25.478 min Scan# 3585

Delta R.T. -0.018 min

Lab File: BN033545.D

Acq: 22 Aug 2024 10:28

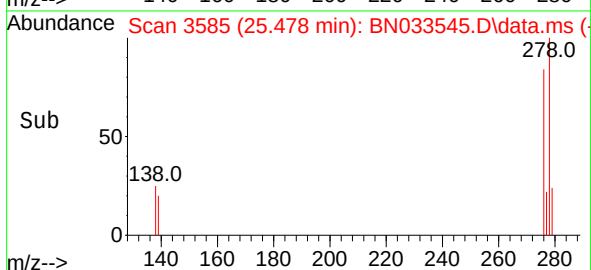
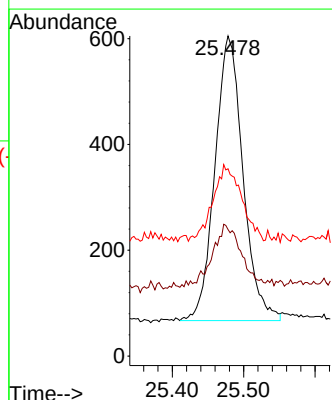
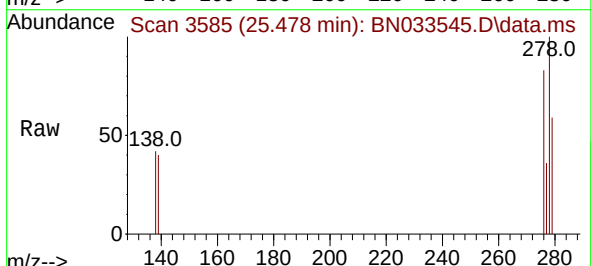
Tgt Ion:278 Resp: 1469

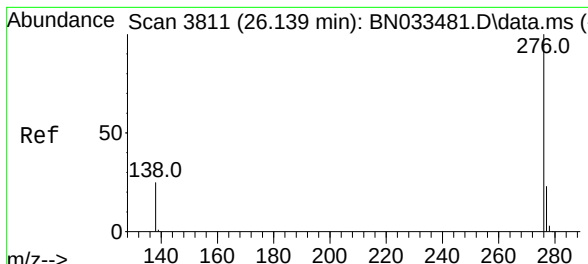
Ion Ratio Lower Upper

278 100

139 39.5 19.1 28.7#

279 58.5 21.0 31.4#





#41
 Benzo(g,h,i)perylene
 Concen: 0.036 ng
 RT: 26.109 min Scan# 3811
 Delta R.T. -0.029 min
 Lab File: BN033545.D
 Acq: 22 Aug 2024 10:28

Instrument :
 BNA_N
 ClientSampleId :
 PB162844BL

Tgt Ion:	276	Resp:	1492
Ion Ratio	Lower	Upper	
276	100		
277	37.8	19.7	29.5#
138	42.8	21.8	32.6#

