

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080924\
 Data File : BN033326.D
 Acq On : 09 Aug 2024 20:44
 Operator : MA/JU
 Sample : P3512-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 931-K1-SD-0-0.5-080724

Quant Time: Aug 10 01:09:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 08 04:39:01 2024
 Response via : Initial Calibration

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

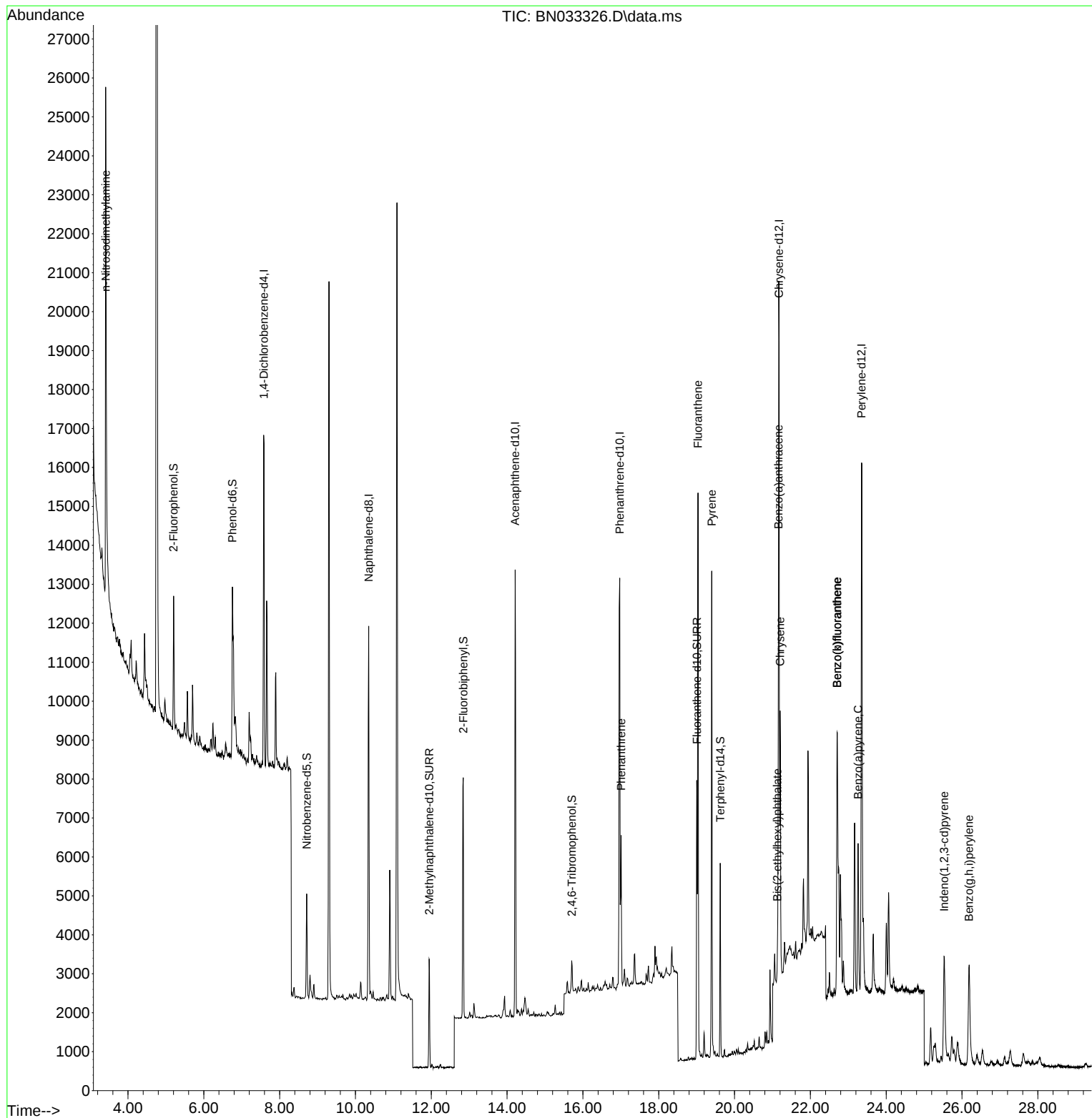
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	4202	0.400	ng	0.00
7) Naphthalene-d8	10.349	136	11866	0.400	ng	# 0.00
13) Acenaphthene-d10	14.212	164	6523	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	15734	0.400	ng	# 0.00
29) Chrysene-d12	21.174	240	14597	0.400	ng	0.00
35) Perylene-d12	23.352	264	17622	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.204	112	2640	0.239	ng	0.00
5) Phenol-d6	6.757	99	3710	0.245	ng	0.00
8) Nitrobenzene-d5	8.715	82	1927	0.266	ng	0.00
11) 2-Methylnaphthalene-d10	11.943	152	3603	0.195	ng	-0.01
14) 2,4,6-Tribromophenol	15.704	330	511	0.194	ng	-0.01
15) 2-Fluorobiphenyl	12.844	172	5623	0.229	ng	0.00
27) Fluoranthene-d10	19.007	212	7554	0.174	ng	0.00
31) Terphenyl-d14	19.625	244	4601	0.183	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.413	42	2468	0.417	ng	# 1
25) Phenanthrene	17.008	178	3872	0.085	ng	99
28) Fluoranthene	19.035	202	12931	0.225	ng	100
30) Pyrene	19.397	202	10579	0.184	ng	97
32) Benzo(a)anthracene	21.157	228	4591	0.081	ng	92
33) Chrysene	21.201	228	6758	0.123	ng	96
34) Bis(2-ethylhexyl)phtha...	21.130	149	927	0.032	ng	# 97
36) Indeno(1,2,3-cd)pyrene	25.527	276	4971	0.064	ng	93
37) Benzo(b)fluoranthene	22.706	252	10932	0.167	ng	# 88
38) Benzo(k)fluoranthene	22.706	252	10932	0.172	ng	# 90
39) Benzo(a)pyrene	23.258	252	5522	0.095	ng	# 81
41) Benzo(g,h,i)perylene	26.185	276	5702	0.086	ng	91

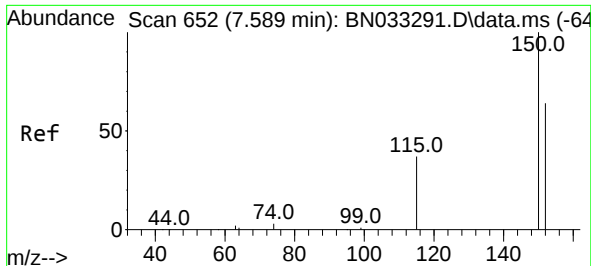
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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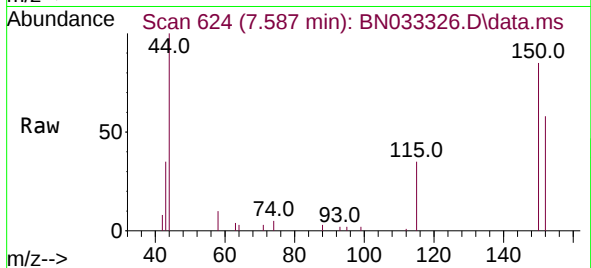
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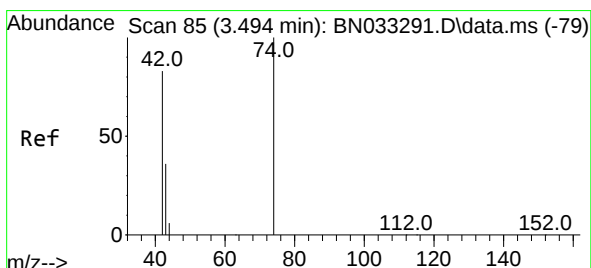
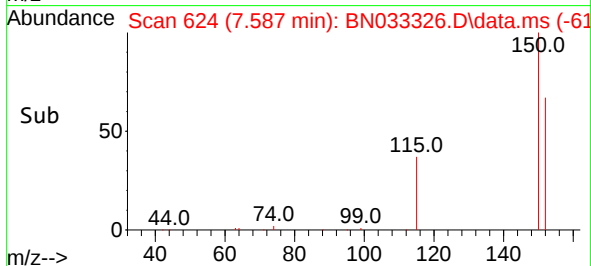
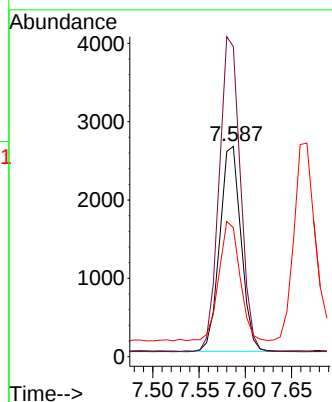
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.587 min Scan# 61
Delta R.T. -0.002 min
Lab File: BN033326.D
Acq: 09 Aug 2024 20:44

Instrument :
BNA_N
ClientSampleId :
931-K1-SD-0-0.5-080724



Tgt Ion:152 Resp: 4202

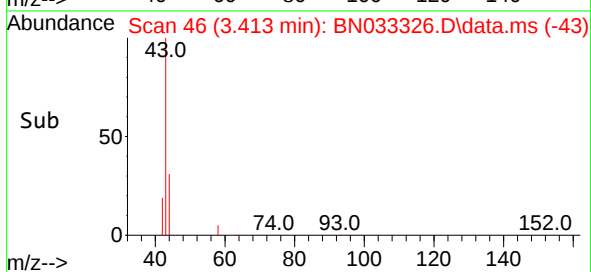
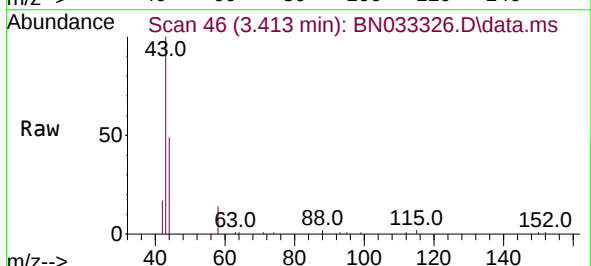
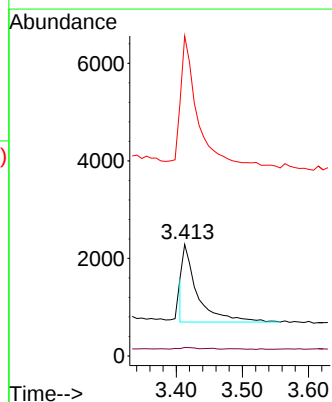
Ion	Ratio	Lower	Upper
152	100		
150	147.5	120.7	181.1
115	61.4	55.8	83.8

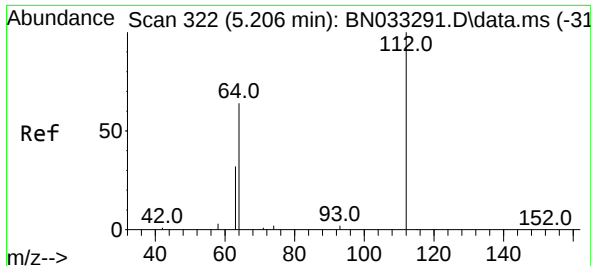


#3
n-Nitrosodimethylamine
Concen: 0.417 ng
RT: 3.413 min Scan# 46
Delta R.T. -0.082 min
Lab File: BN033326.D
Acq: 09 Aug 2024 20:44

Tgt Ion: 42 Resp: 2468

Ion	Ratio	Lower	Upper
42	100		
74	0.9	94.9	142.3#
44	178.9	7.0	10.4#

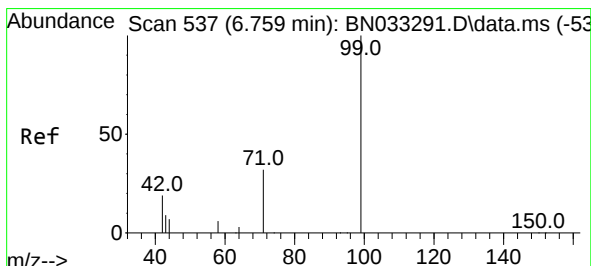
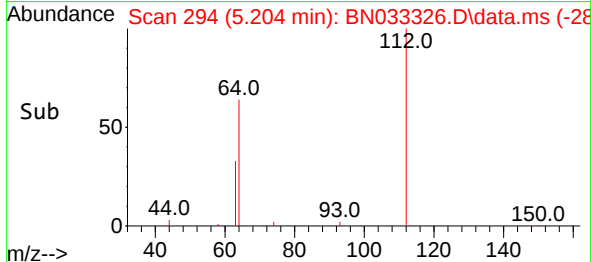
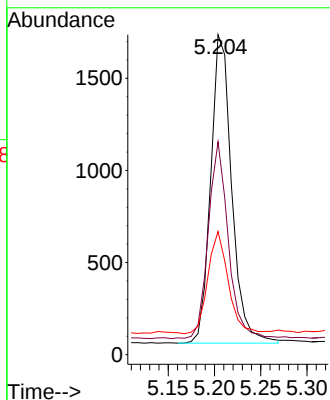
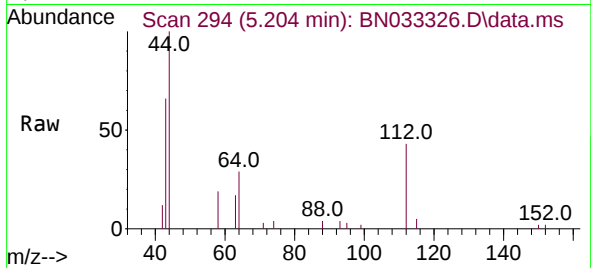




#4
2-Fluorophenol
Concen: 0.239 ng
RT: 5.204 min Scan# 24
Delta R.T. -0.002 min
Lab File: BN033326.D
Acq: 09 Aug 2024 20:44

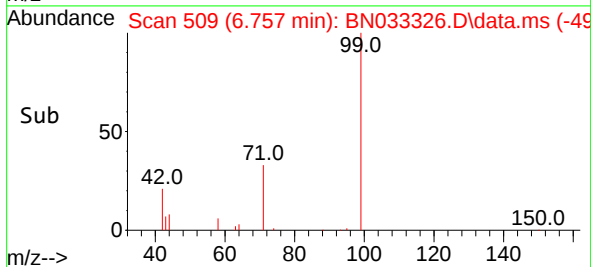
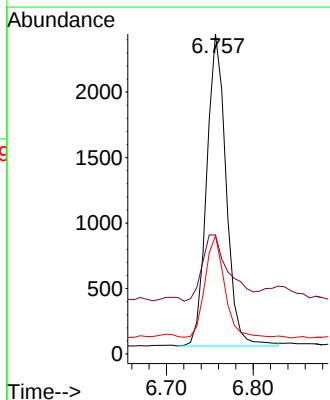
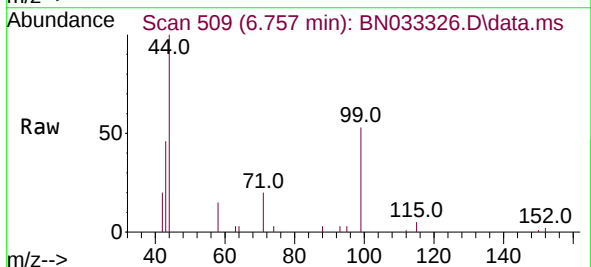
Instrument :
BNA_N
ClientSampleId :
931-K1-SD-0-0.5-080724

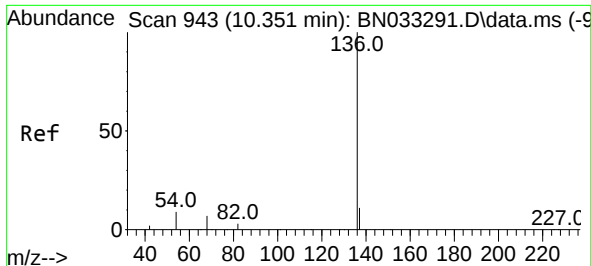
Tgt Ion:112 Resp: 2640
Ion Ratio Lower Upper
112 100
64 60.5 48.7 73.1
63 32.3 25.4 38.2



#5
Phenol-d6
Concen: 0.245 ng
RT: 6.757 min Scan# 509
Delta R.T. -0.002 min
Lab File: BN033326.D
Acq: 09 Aug 2024 20:44

Tgt Ion: 99 Resp: 3710
Ion Ratio Lower Upper
99 100
42 28.8 19.3 28.9
71 32.6 27.6 41.4

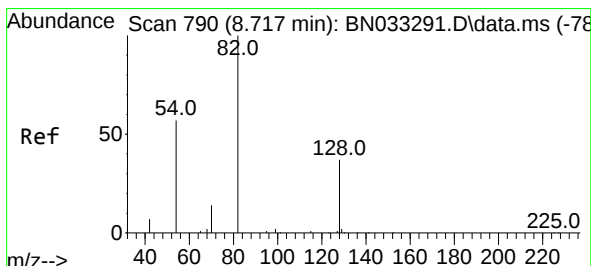
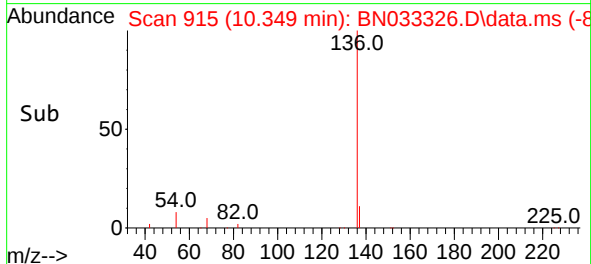
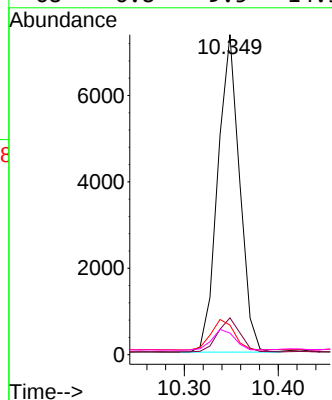
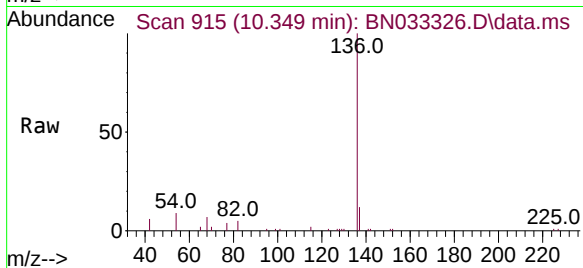




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.349 min Scan# 91
Delta R.T. -0.002 min
Lab File: BN033326.D
Acq: 09 Aug 2024 20:44

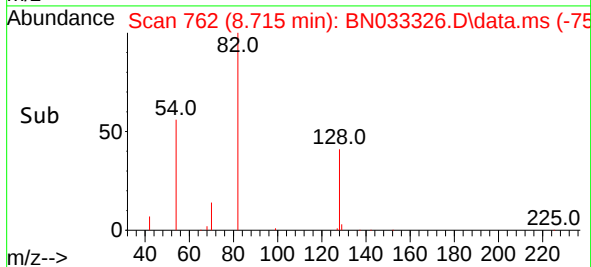
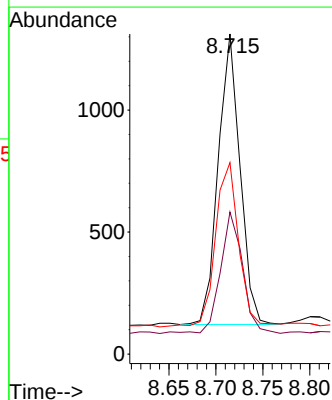
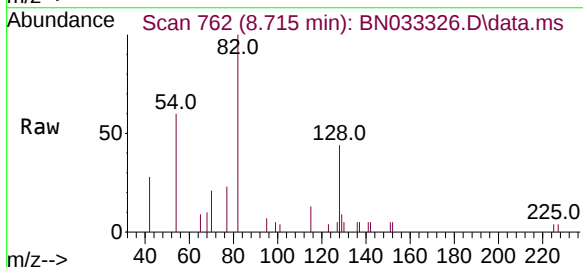
Instrument :
BNA_N
ClientSampleId :
931-K1-SD-0-0.5-080724

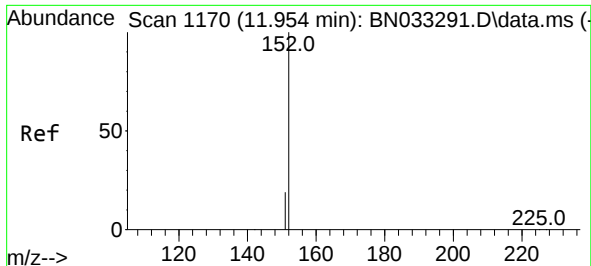
Tgt Ion:	136	Resp:	11866
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.9	14.9
54	9.2	11.4	17.2#
68	6.8	9.5	14.3#



#8
Nitrobenzene-d5
Concen: 0.266 ng
RT: 8.715 min Scan# 762
Delta R.T. -0.002 min
Lab File: BN033326.D
Acq: 09 Aug 2024 20:44

Tgt Ion:	82	Resp:	1927
Ion	Ratio	Lower	Upper
82	100		
128	44.4	29.4	44.2#
54	59.8	50.0	75.0

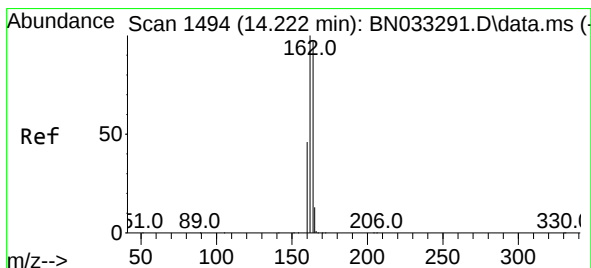
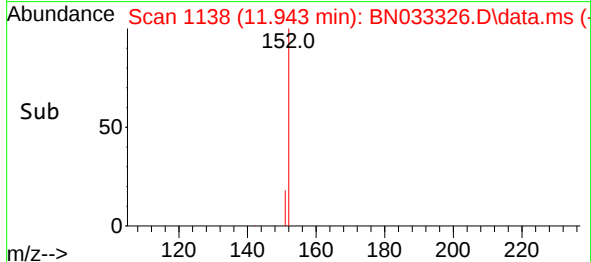
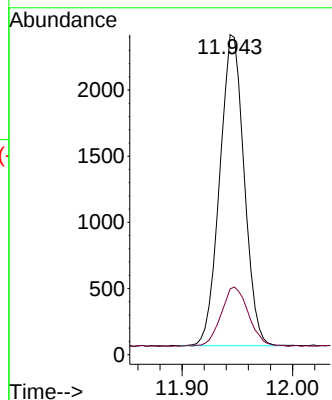
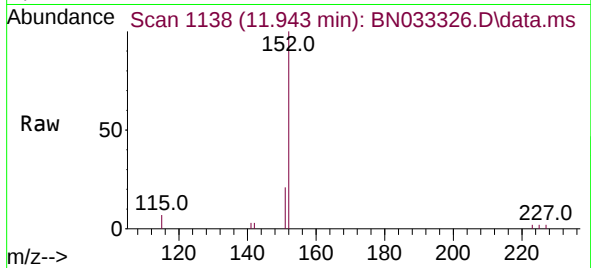




#11
2-Methylnaphthalene-d10
Concen: 0.195 ng
RT: 11.943 min Scan# 1170
Delta R.T. -0.010 min
Lab File: BN033326.D
Acq: 09 Aug 2024 20:44

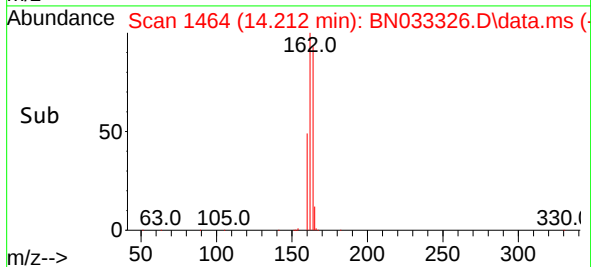
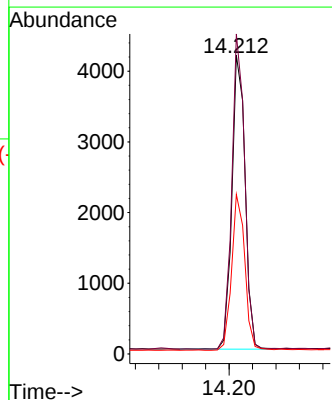
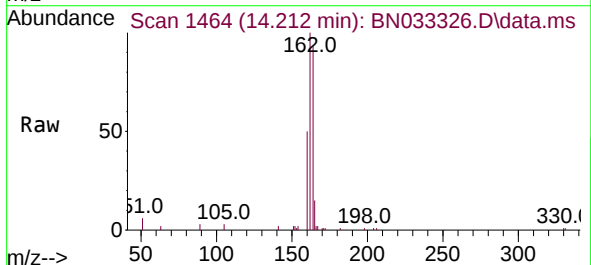
Instrument :
BNA_N
ClientSampleId :
931-K1-SD-0-0.5-080724

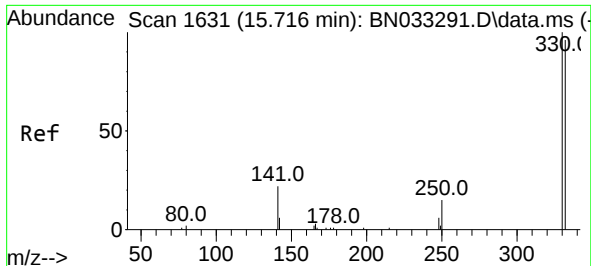
Tgt Ion:152 Resp: 3603
Ion Ratio Lower Upper
152 100
151 21.5 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.212 min Scan# 1464
Delta R.T. -0.010 min
Lab File: BN033326.D
Acq: 09 Aug 2024 20:44

Tgt Ion:164 Resp: 6523
Ion Ratio Lower Upper
164 100
162 107.1 82.6 124.0
160 53.4 38.2 57.4

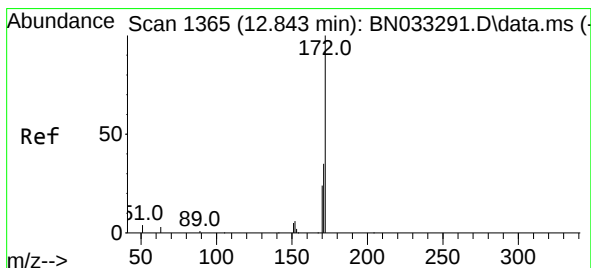
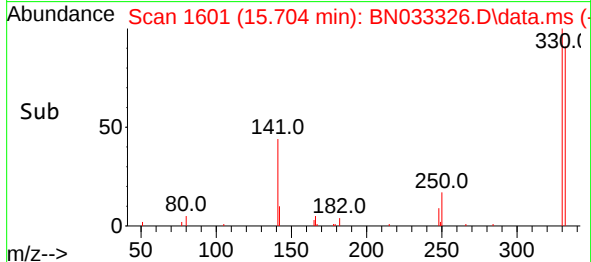
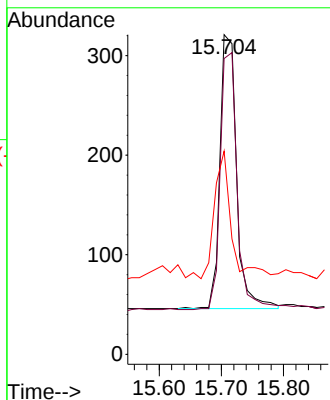
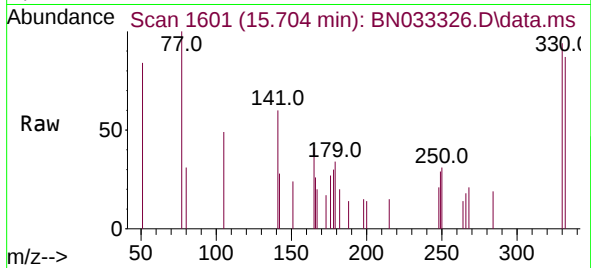




#14
2,4,6-Tribromophenol
Concen: 0.194 ng
RT: 15.704 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN033326.D
Acq: 09 Aug 2024 20:44

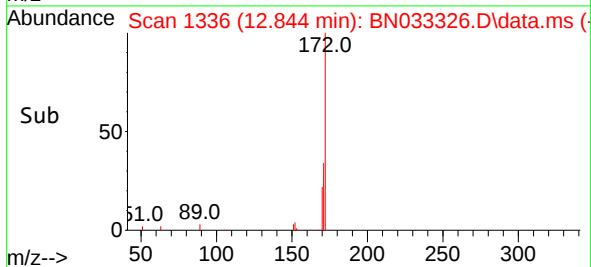
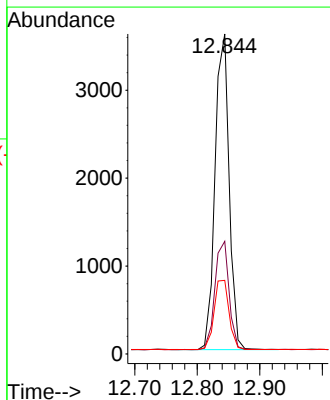
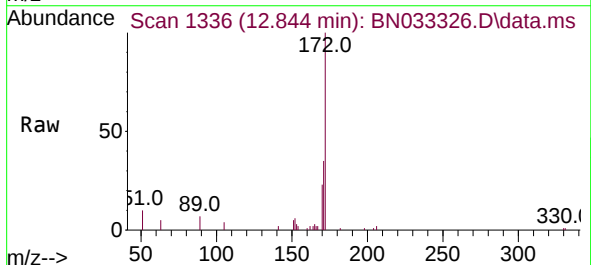
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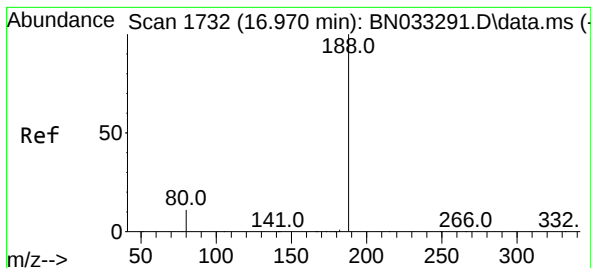
Tgt Ion:330 Resp: 511
Ion Ratio Lower Upper
330 100
332 94.7 75.6 113.4
141 47.0 31.0 46.4#



#15
2-Fluorobiphenyl
Concen: 0.229 ng
RT: 12.844 min Scan# 1336
Delta R.T. 0.001 min
Lab File: BN033326.D
Acq: 09 Aug 2024 20:44

Tgt Ion:172 Resp: 5623
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.0 19.4 29.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.971 min Scan# 11

Delta R.T. 0.001 min

Lab File: BN033326.D

Acq: 09 Aug 2024 20:44

Instrument :

BNA_N

ClientSampleId :

931-K1-SD-0-0.5-080724

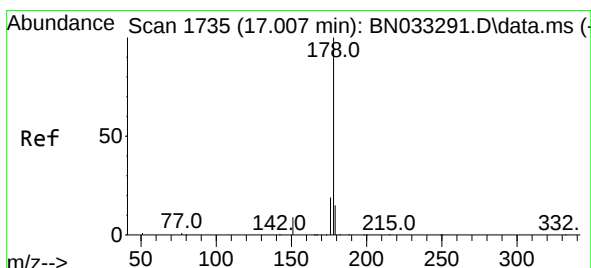
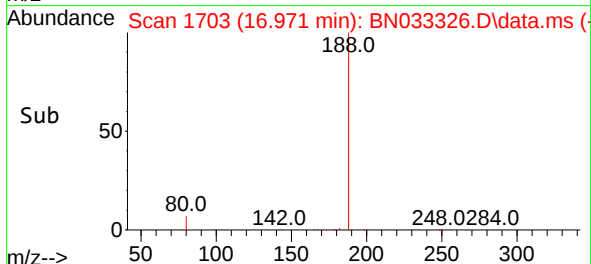
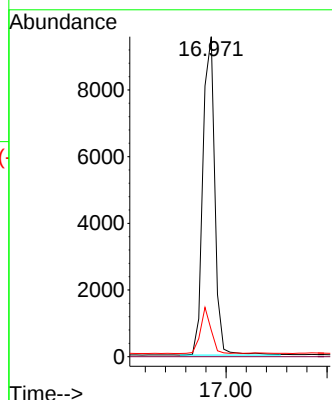
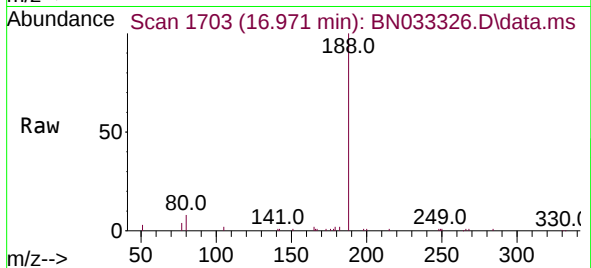
Tgt Ion:188 Resp: 15734

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.3 10.5 15.7#



#25

Phenanthrene

Concen: 0.085 ng

RT: 17.008 min Scan# 1706

Delta R.T. 0.001 min

Lab File: BN033326.D

Acq: 09 Aug 2024 20:44

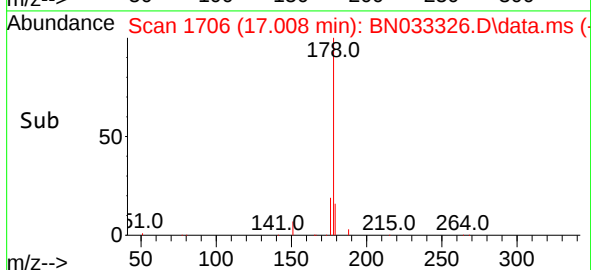
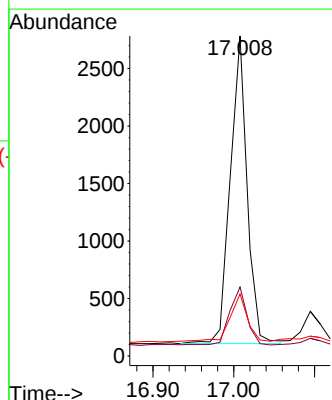
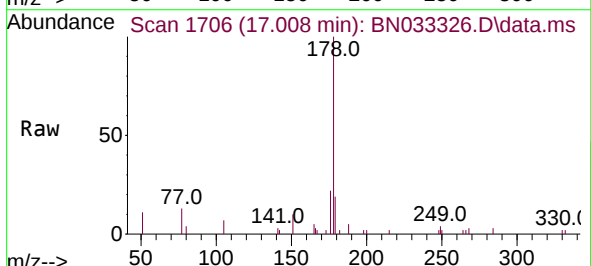
Tgt Ion:178 Resp: 3872

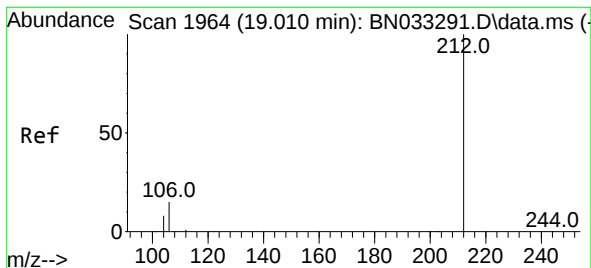
Ion Ratio Lower Upper

178 100

176 19.3 15.2 22.8

179 15.4 12.0 18.0





#27

Fluoranthene-d10

Concen: 0.174 ng

RT: 19.007 min Scan# 1940

Delta R.T. -0.004 min

Lab File: BN033326.D

Acq: 09 Aug 2024 20:44

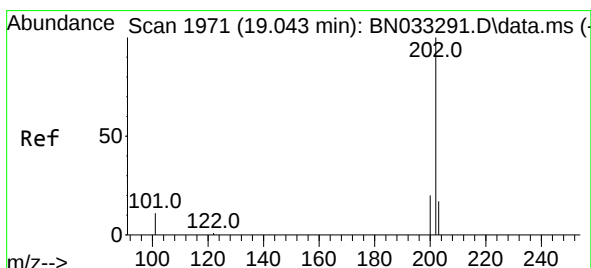
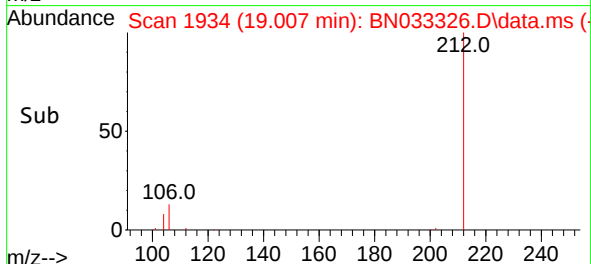
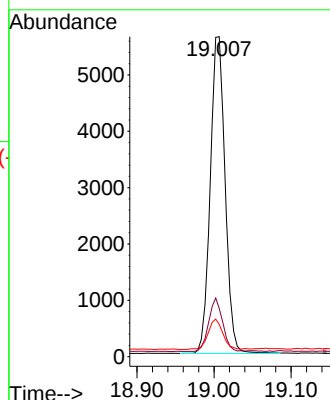
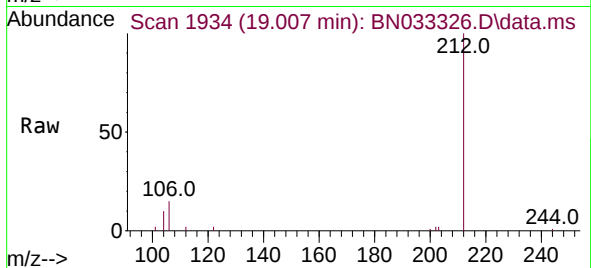
Instrument :

BNA_N

ClientSampleId :

931-K1-SD-0-0.5-080724

Tgt Ion:212	Resp:	7554
Ion Ratio	Lower	Upper
212	100	
106	15.6	12.2 18.4
104	9.6	6.9 10.3



#28

Fluoranthene

Concen: 0.225 ng

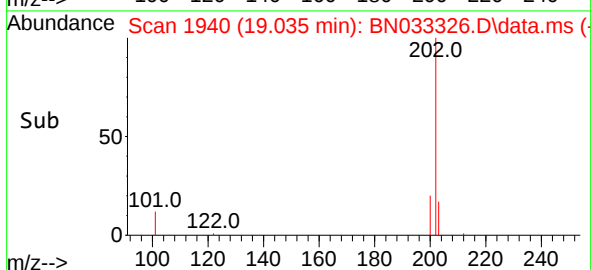
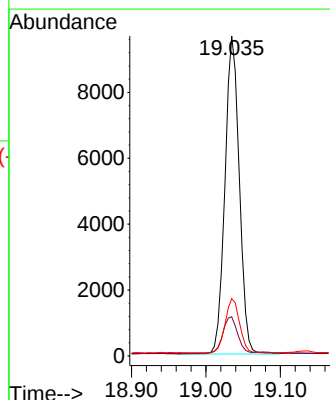
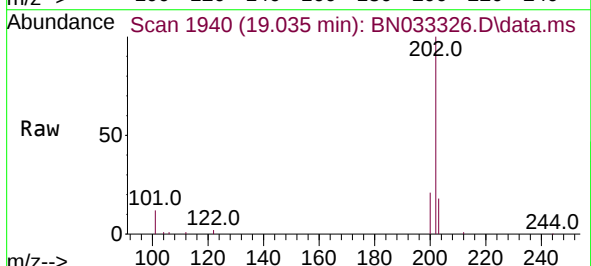
RT: 19.035 min Scan# 1940

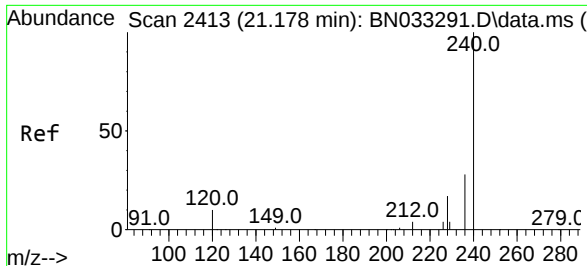
Delta R.T. -0.008 min

Lab File: BN033326.D

Acq: 09 Aug 2024 20:44

Tgt Ion:202	Resp:	12931
Ion Ratio	Lower	Upper
202	100	
101	12.0	9.4 14.0
203	17.1	13.8 20.6

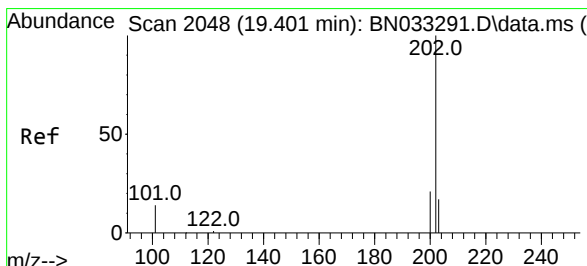
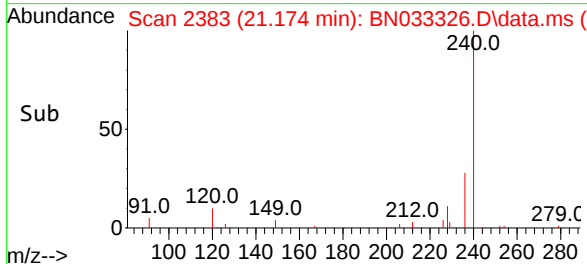
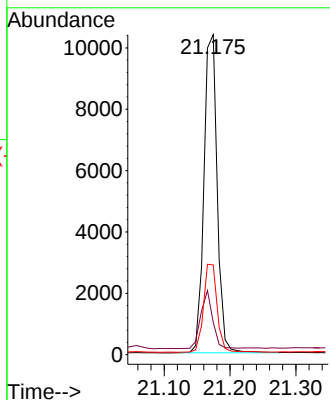
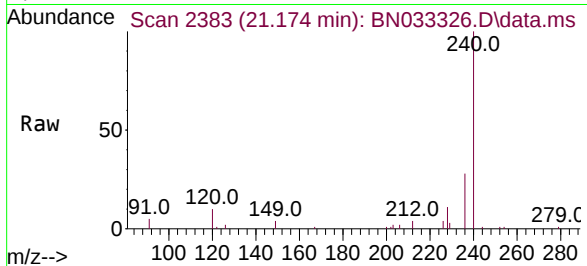




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.174 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN033326.D
Acq: 09 Aug 2024 20:44

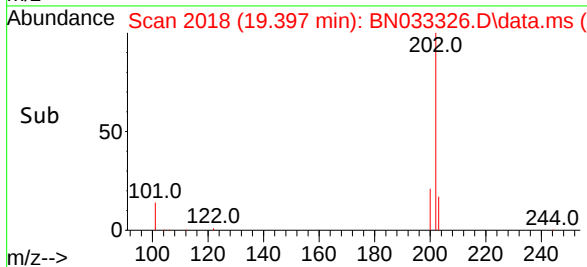
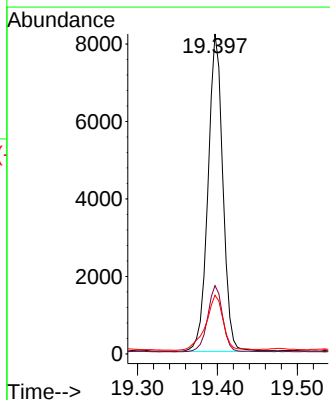
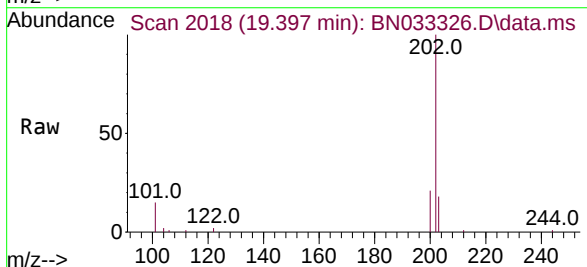
Instrument :
BNA_N
ClientSampleId :
931-K1-SD-0-0.5-080724

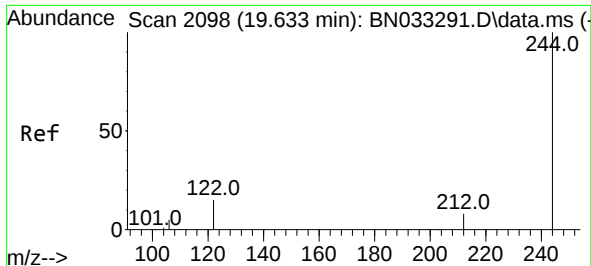
Tgt Ion:240 Resp: 14597
Ion Ratio Lower Upper
240 100
120 10.1 9.0 13.6
236 28.1 22.4 33.6



#30
Pyrene
Concen: 0.184 ng
RT: 19.397 min Scan# 2018
Delta R.T. -0.004 min
Lab File: BN033326.D
Acq: 09 Aug 2024 20:44

Tgt Ion:202 Resp: 10579
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 20.6 14.2 21.4

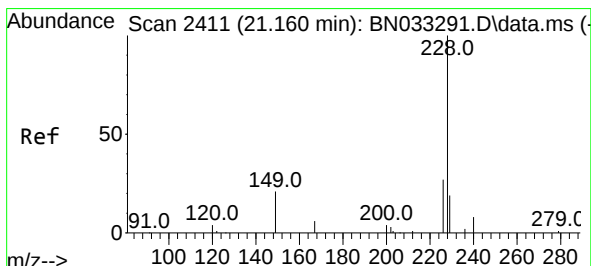
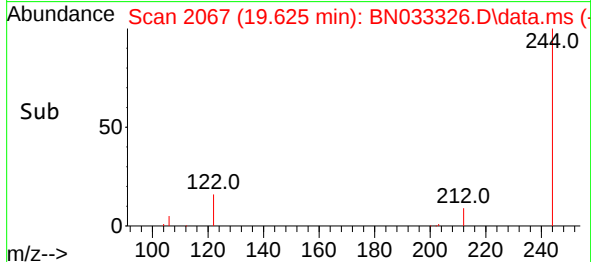
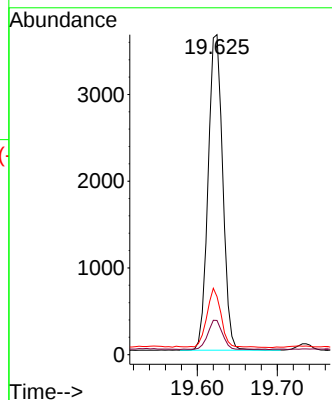
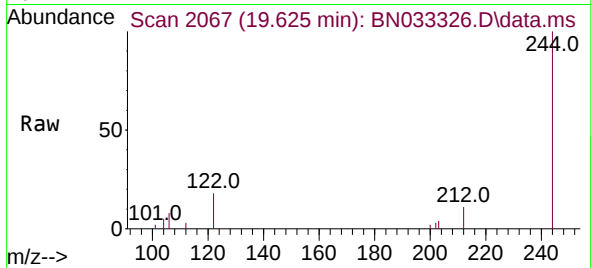




#31
 Terphenyl-d14
 Concen: 0.183 ng
 RT: 19.625 min Scan# 2098
 Delta R.T. -0.008 min
 Lab File: BN033326.D
 Acq: 09 Aug 2024 20:44

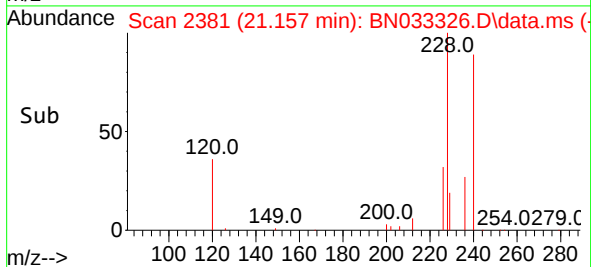
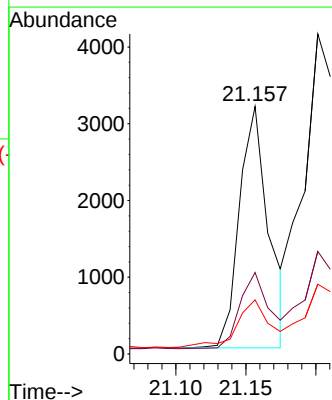
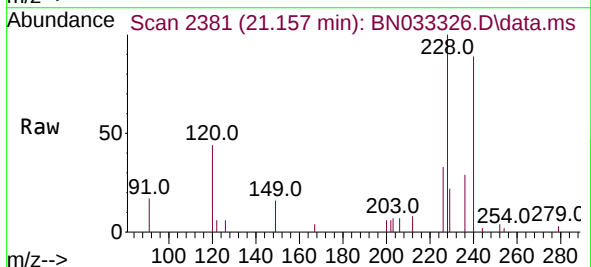
Instrument :
 BNA_N
 ClientSampleId :
 931-K1-SD-0-0.5-080724

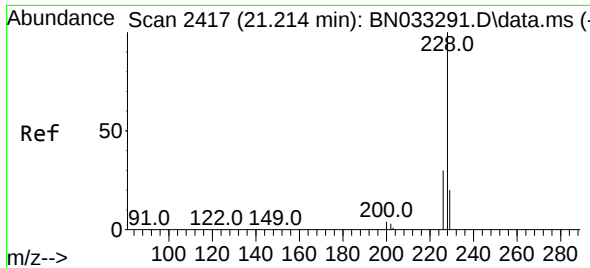
Tgt Ion:244 Resp: 4601
 Ion Ratio Lower Upper
 244 100
 212 10.7 7.2 10.8
 122 18.1 12.7 19.1



#32
 Benzo(a)anthracene
 Concen: 0.081 ng
 RT: 21.157 min Scan# 2381
 Delta R.T. -0.004 min
 Lab File: BN033326.D
 Acq: 09 Aug 2024 20:44

Tgt Ion:228 Resp: 4591
 Ion Ratio Lower Upper
 228 100
 226 32.9 22.1 33.1
 229 21.8 15.6 23.4





#33

Chrysene

Concen: 0.123 ng

RT: 21.201 min Scan# 21

Delta R.T. -0.013 min

Lab File: BN033326.D

Acq: 09 Aug 2024 20:44

Instrument :

BNA_N

ClientSampleId :

931-K1-SD-0-0.5-080724

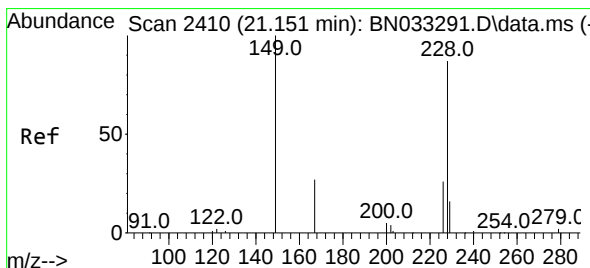
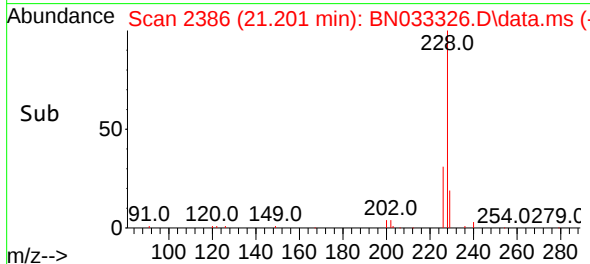
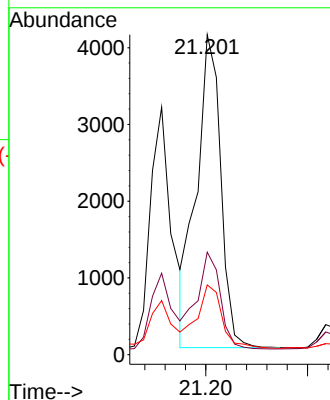
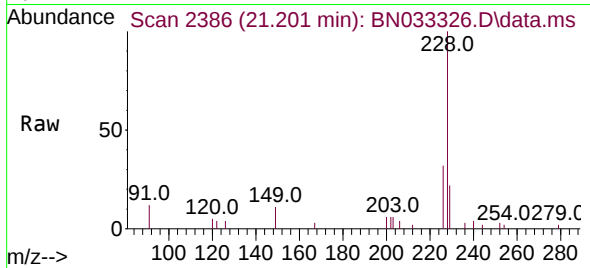
Tgt Ion:228 Resp: 6758

Ion Ratio Lower Upper

228 100

226 32.1 23.8 35.8

229 21.8 15.8 23.8



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.032 ng

RT: 21.130 min Scan# 2378

Delta R.T. -0.022 min

Lab File: BN033326.D

Acq: 09 Aug 2024 20:44

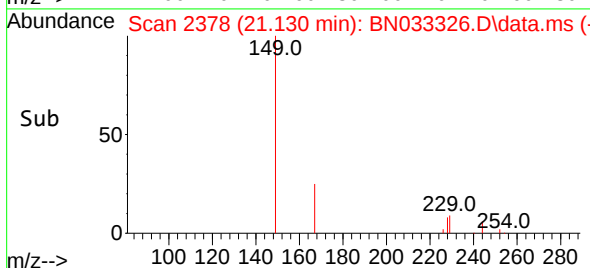
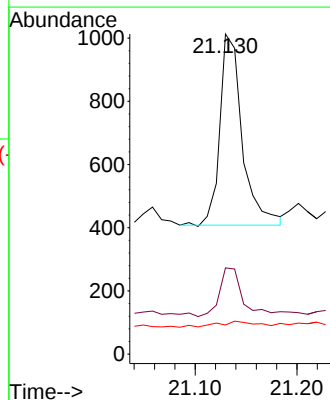
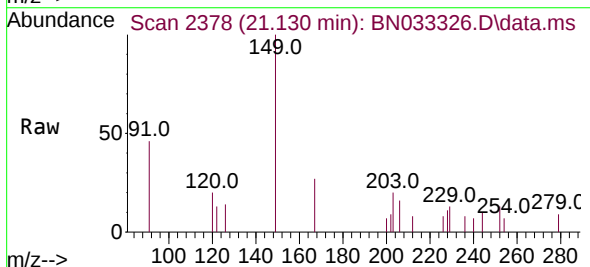
Tgt Ion:149 Resp: 927

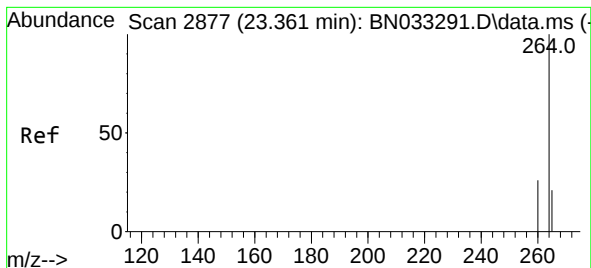
Ion Ratio Lower Upper

149 100

167 28.4 21.6 32.4

279 5.0 2.6 4.0#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.352 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN033326.D

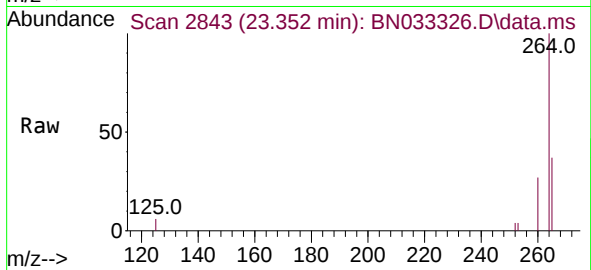
Acq: 09 Aug 2024 20:44

Instrument :

BNA_N

ClientSampleId :

931-K1-SD-0-0.5-080724



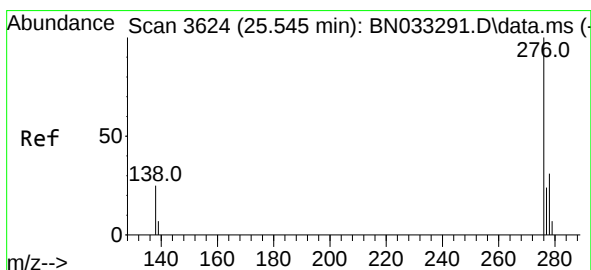
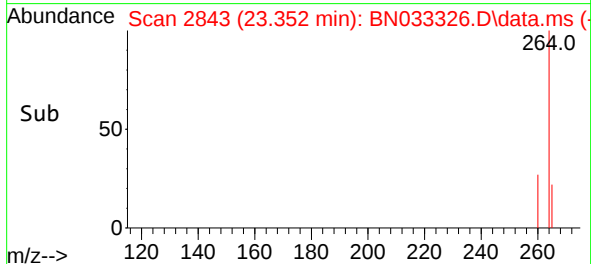
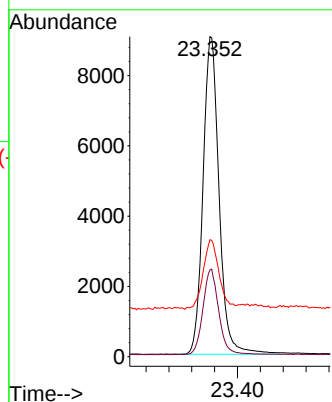
Tgt Ion:264 Resp: 17622

Ion Ratio Lower Upper

264 100

260 27.1 21.4 32.0

265 36.5 22.4 33.6#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.064 ng

RT: 25.527 min Scan# 3587

Delta R.T. -0.018 min

Lab File: BN033326.D

Acq: 09 Aug 2024 20:44

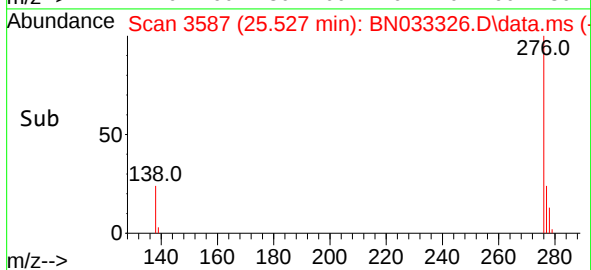
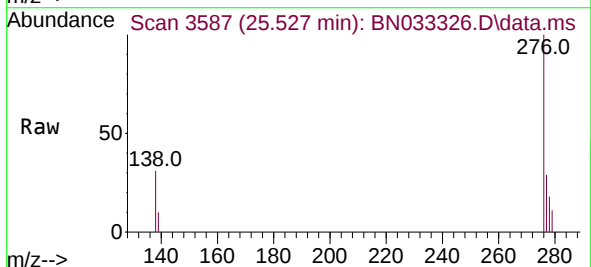
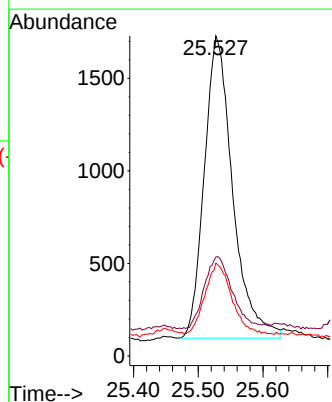
Tgt Ion:276 Resp: 4971

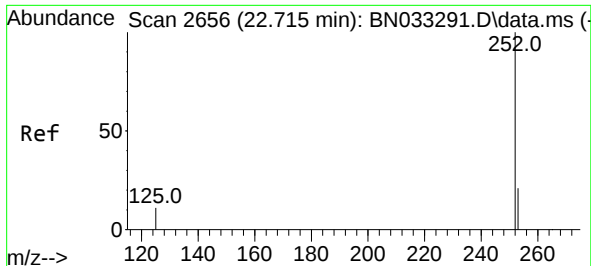
Ion Ratio Lower Upper

276 100

138 23.5 22.7 34.1

277 22.8 19.8 29.8





#37

Benzo(b)fluoranthene

Concen: 0.167 ng

RT: 22.706 min Scan# 2622

Delta R.T. -0.009 min

Lab File: BN033326.D

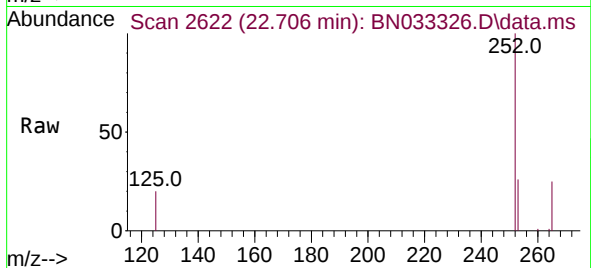
Acq: 09 Aug 2024 20:44

Instrument :

BNA_N

ClientSampleId :

931-K1-SD-0-0.5-080724



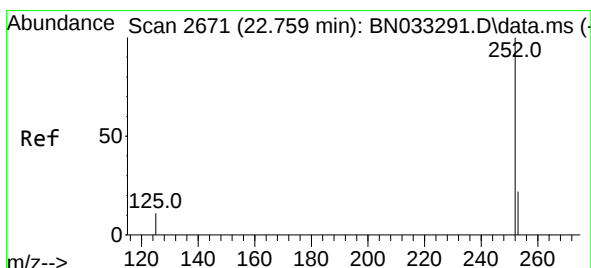
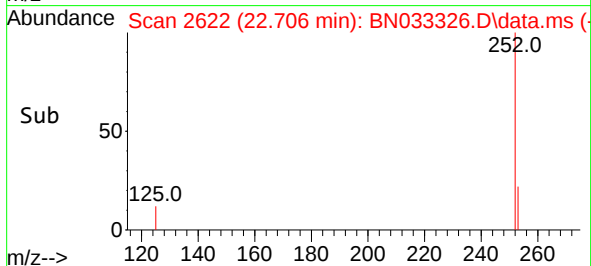
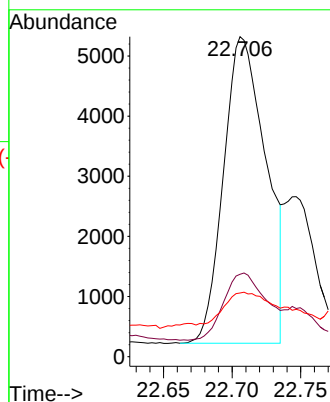
Tgt Ion:252 Resp: 10932

Ion Ratio Lower Upper

252 100

253 25.7 17.8 26.6

125 19.9 10.0 15.0#



#38

Benzo(k)fluoranthene

Concen: 0.172 ng

RT: 22.706 min Scan# 2622

Delta R.T. -0.053 min

Lab File: BN033326.D

Acq: 09 Aug 2024 20:44

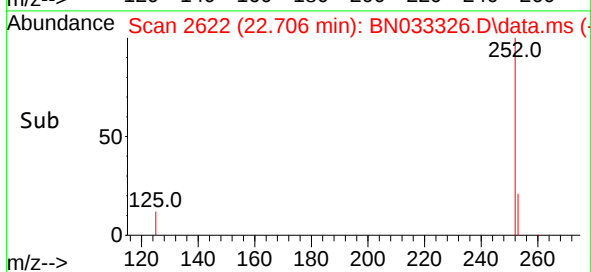
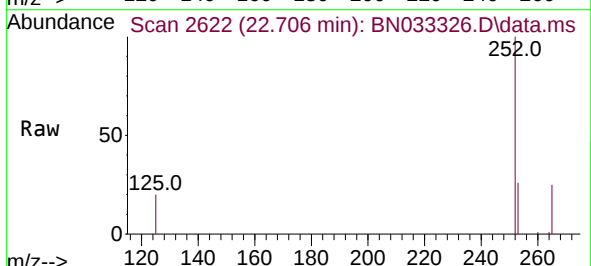
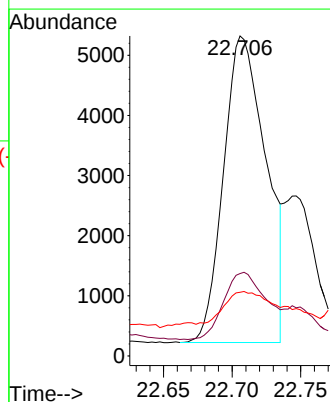
Tgt Ion:252 Resp: 10932

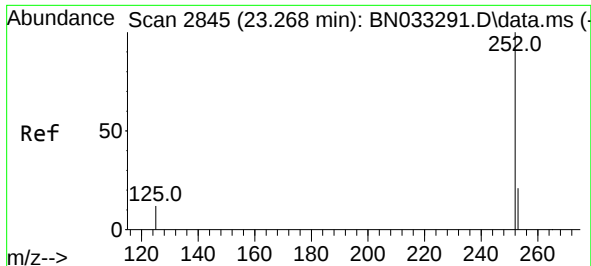
Ion Ratio Lower Upper

252 100

253 25.7 18.3 27.5

125 19.9 10.2 15.4#

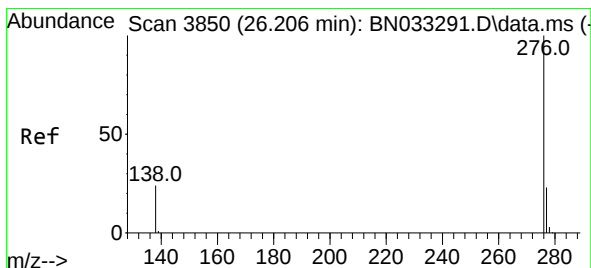
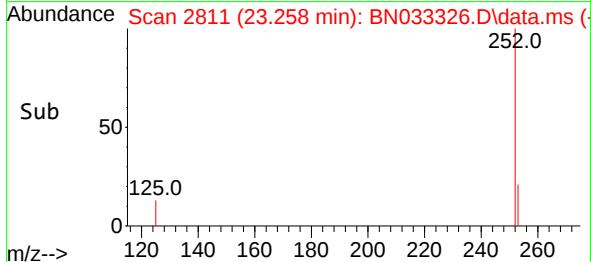
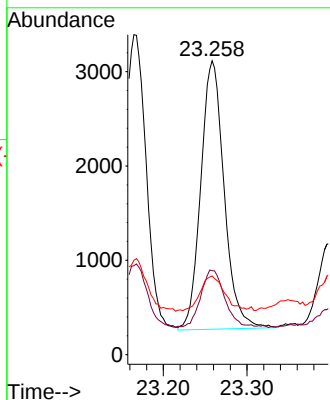
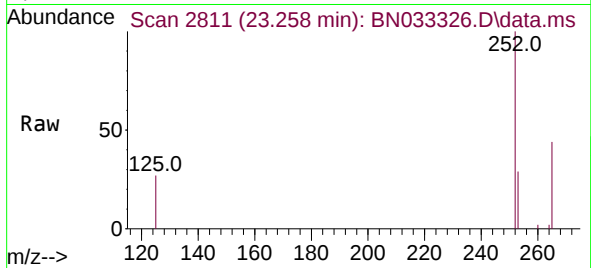




#39
Benzo(a)pyrene
Concen: 0.095 ng
RT: 23.258 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN033326.D
Acq: 09 Aug 2024 20:44

Instrument :
BNA_N
ClientSampleId :
931-K1-SD-0-0.5-080724

Tgt Ion:252 Resp: 5522
Ion Ratio Lower Upper
252 100
253 28.6 18.2 27.4#
125 26.8 11.4 17.2#



#41
Benzo(g,h,i)perylene
Concen: 0.086 ng
RT: 26.185 min Scan# 3812
Delta R.T. -0.021 min
Lab File: BN033326.D
Acq: 09 Aug 2024 20:44

Tgt Ion:276 Resp: 5702
Ion Ratio Lower Upper
276 100
277 28.2 19.0 28.4
138 30.9 20.8 31.2

