

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080924\
 Data File : BN033327.D
 Acq On : 09 Aug 2024 21:21
 Operator : MA/JU
 Sample : P3512-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Aug 10 01:10:06 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)

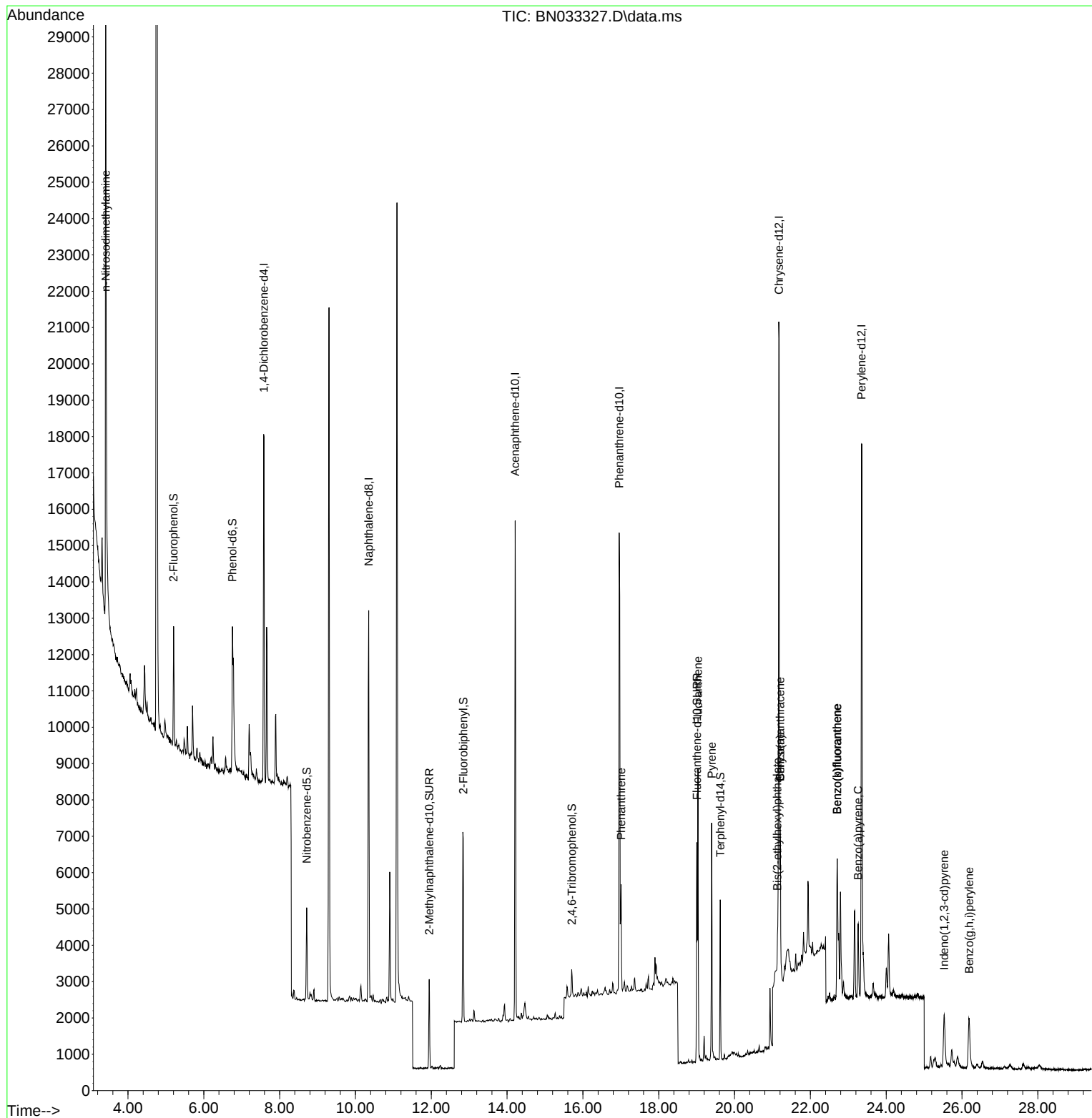
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	4750	0.400	ng	0.00
7) Naphthalene-d8	10.349	136	13594	0.400	ng	# 0.00
13) Acenaphthene-d10	14.212	164	7620	0.400	ng	0.00
19) Phenanthrene-d10	16.958	188	18205	0.400	ng	#-0.01
29) Chrysene-d12	21.175	240	16552	0.400	ng	# 0.00
35) Perylene-d12	23.352	264	19235	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.204	112	2488	0.199	ng	0.00
5) Phenol-d6	6.757	99	3448	0.202	ng	0.00
8) Nitrobenzene-d5	8.715	82	1829	0.221	ng	0.00
11) 2-Methylnaphthalene-d10	11.947	152	3221	0.152	ng	0.00
14) 2,4,6-Tribromophenol	15.705	330	450	0.146	ng	-0.01
15) 2-Fluorobiphenyl	12.844	172	4826	0.168	ng	0.00
27) Fluoranthene-d10	19.007	212	6638	0.133	ng	0.00
31) Terphenyl-d14	19.625	244	3956	0.139	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.413	42	3083	0.461	ng	# 1
25) Phenanthrene	17.008	178	2958	0.056	ng	99
28) Fluoranthene	19.035	202	7026	0.106	ng	99
30) Pyrene	19.397	202	5654	0.087	ng	98
32) Benzo(a)anthracene	21.201	228	2478	0.039	ng	91
33) Chrysene	21.201	228	3816	0.061	ng	93
34) Bis(2-ethylhexyl)phtha...	21.130	149	995	0.030	ng	# 89
36) Indeno(1,2,3-cd)pyrene	25.530	276	2714	0.032	ng	94
37) Benzo(b)fluoranthene	22.709	252	5959	0.083	ng	# 78
38) Benzo(k)fluoranthene	22.709	252	5959	0.086	ng	# 79
39) Benzo(a)pyrene	23.258	252	2877	0.045	ng	# 66
41) Benzo(g,h,i)perylene	26.188	276	3069	0.042	ng	# 82

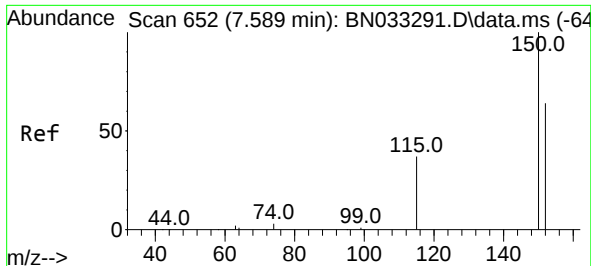
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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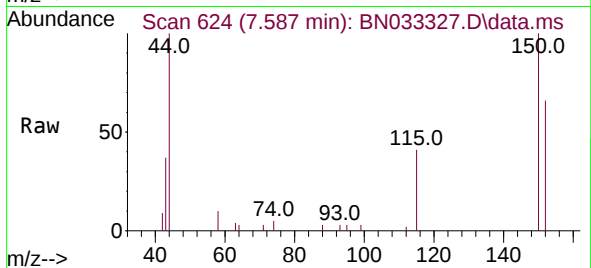
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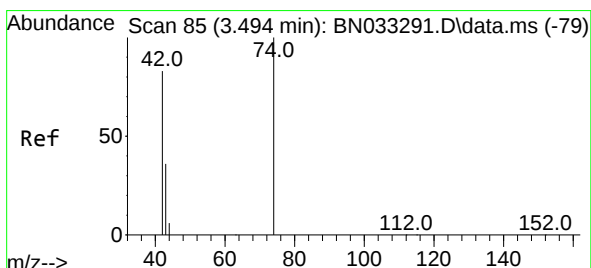
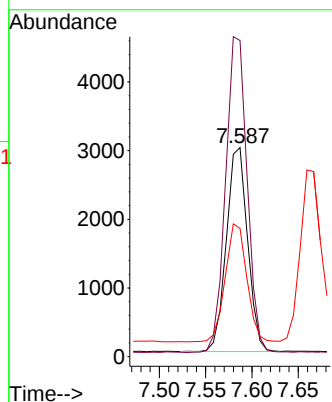
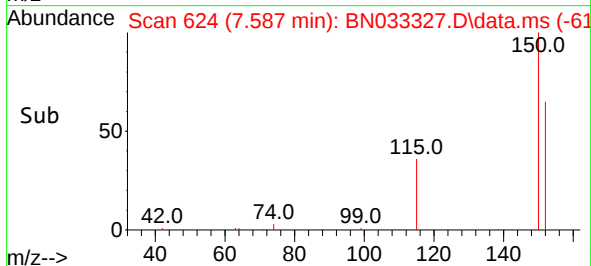


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.587 min Scan# 61
Delta R.T. -0.002 min
Lab File: BN033327.D
Acq: 09 Aug 2024 21:21

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

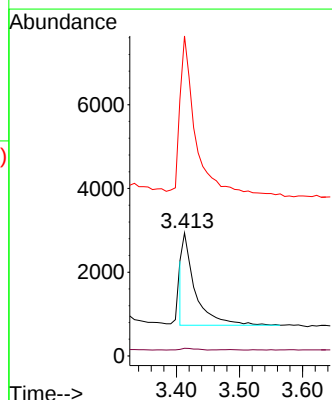
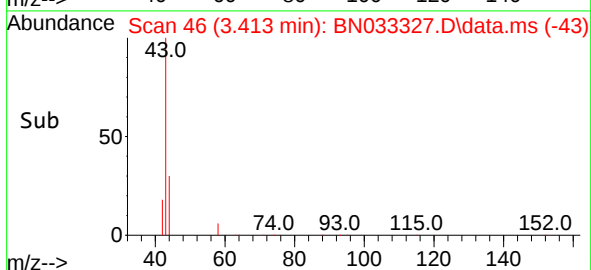
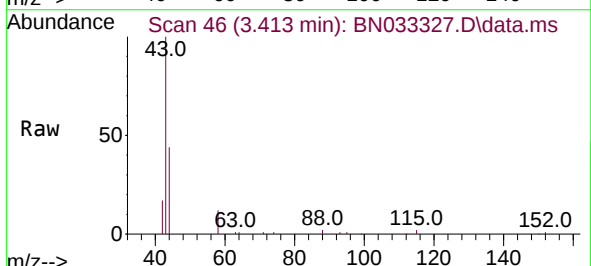


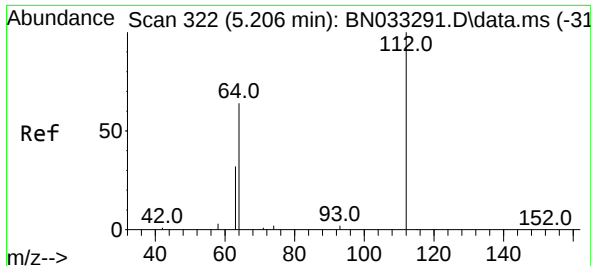
Tgt Ion:152 Resp: 4750
Ion Ratio Lower Upper
152 100
150 151.2 120.7 181.1
115 61.3 55.8 83.8



#3
n-Nitrosodimethylamine
Concen: 0.461 ng
RT: 3.413 min Scan# 46
Delta R.T. -0.082 min
Lab File: BN033327.D
Acq: 09 Aug 2024 21:21

Tgt Ion: 42 Resp: 3083
Ion Ratio Lower Upper
42 100
74 1.9 94.9 142.3#
44 172.5 7.0 10.4#

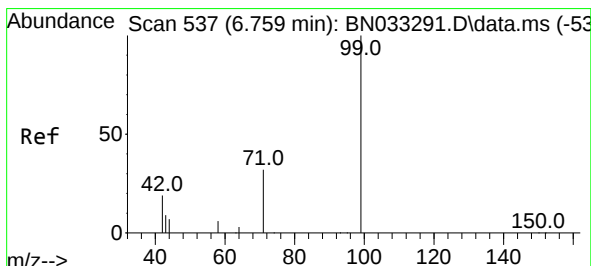
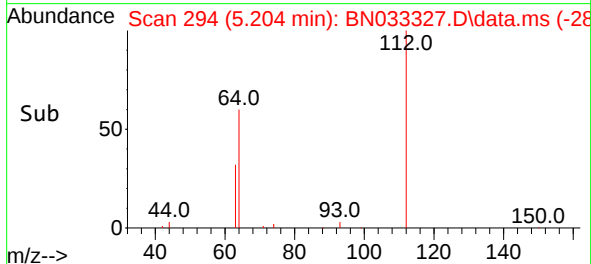
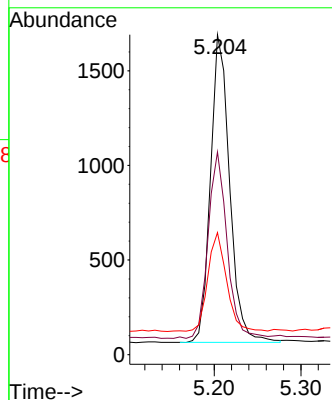
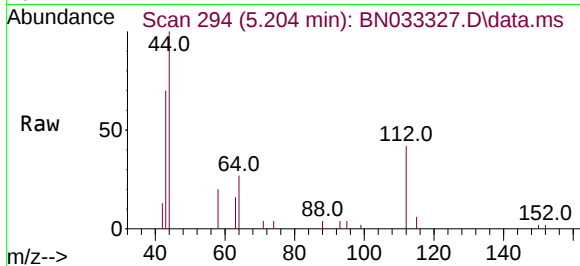




#4
2-Fluorophenol
Concen: 0.199 ng
RT: 5.204 min Scan# 24
Delta R.T. -0.002 min
Lab File: BN033327.D
Acq: 09 Aug 2024 21:21

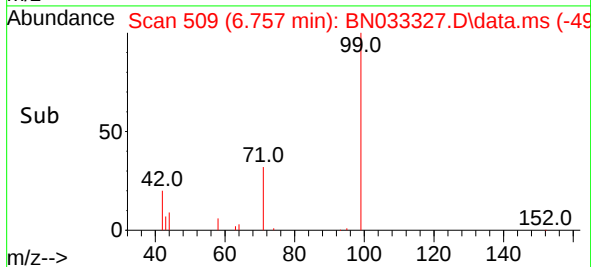
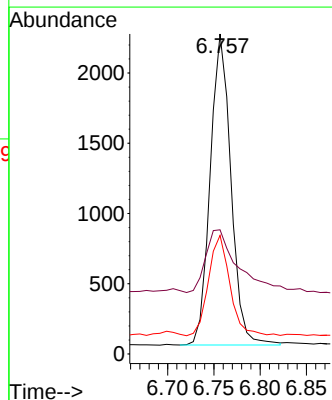
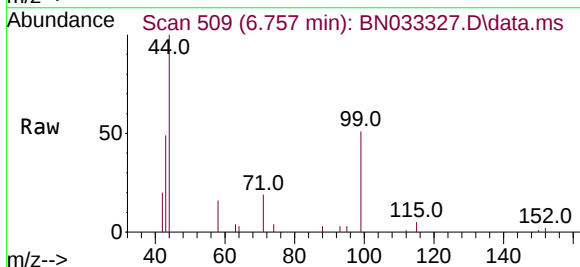
Instrument :
BNA_N
ClientSampleId :
931-K1-SD-0-0.5-080724-FD

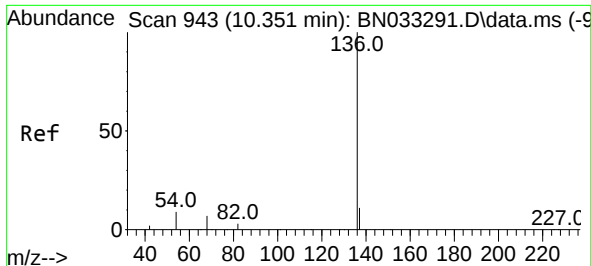
Tgt Ion:112 Resp: 2488
Ion Ratio Lower Upper
112 100
64 60.3 48.7 73.1
63 31.8 25.4 38.2



#5
Phenol-d6
Concen: 0.202 ng
RT: 6.757 min Scan# 509
Delta R.T. -0.002 min
Lab File: BN033327.D
Acq: 09 Aug 2024 21:21

Tgt Ion: 99 Resp: 3448
Ion Ratio Lower Upper
99 100
42 31.2 19.3 28.9#
71 33.6 27.6 41.4

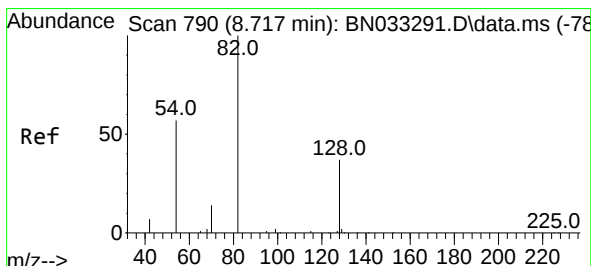
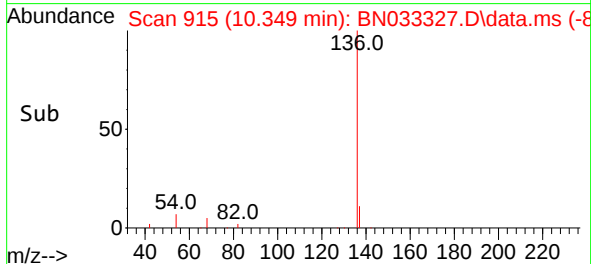
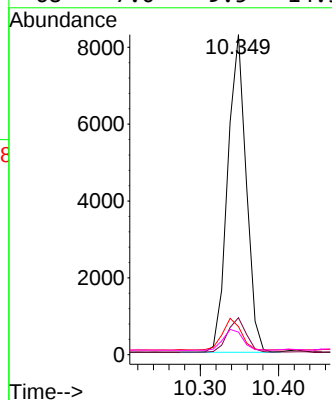
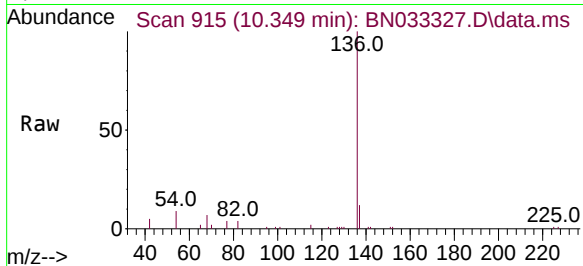




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.349 min Scan# 91
Delta R.T. -0.002 min
Lab File: BN033327.D
Acq: 09 Aug 2024 21:21

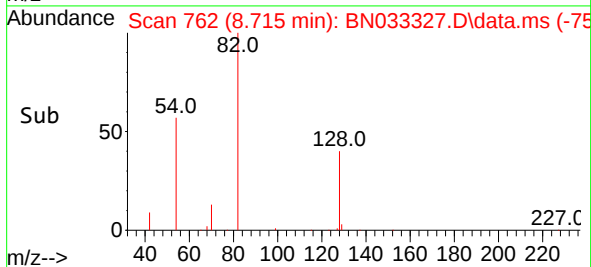
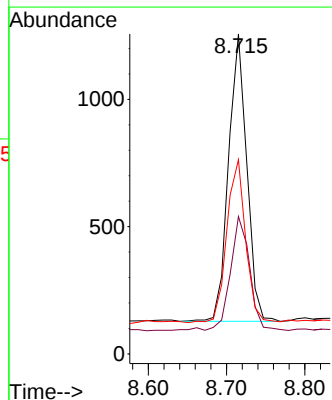
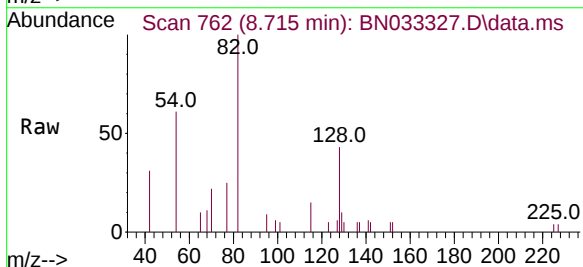
Instrument :
BNA_N
ClientSampleId :
931-K1-SD-0-0.5-080724-FD

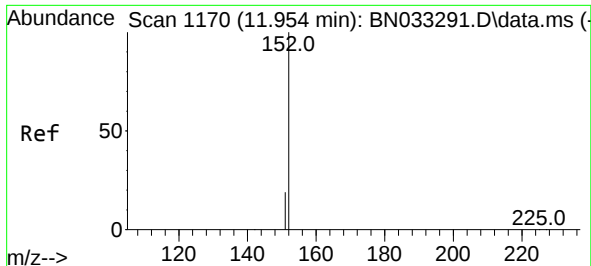
Tgt Ion:	136	Resp:	13594
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.9	14.9
54	8.8	11.4	17.2#
68	7.0	9.5	14.3#



#8
Nitrobenzene-d5
Concen: 0.221 ng
RT: 8.715 min Scan# 762
Delta R.T. -0.002 min
Lab File: BN033327.D
Acq: 09 Aug 2024 21:21

Tgt Ion:	82	Resp:	1829
Ion	Ratio	Lower	Upper
82	100		
128	43.0	29.4	44.2
54	60.7	50.0	75.0

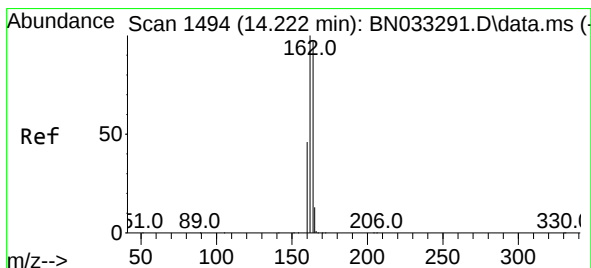
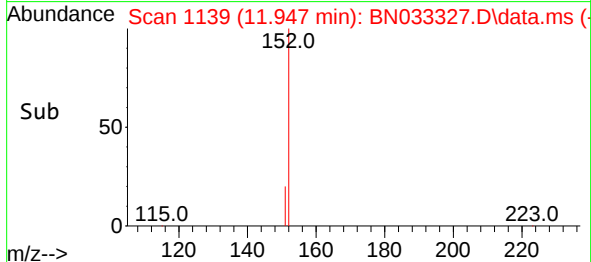
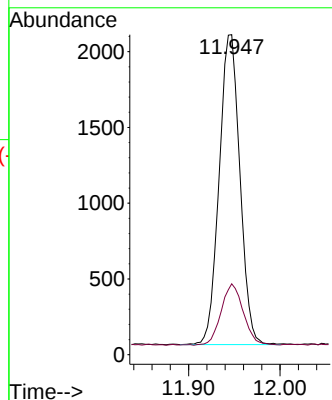
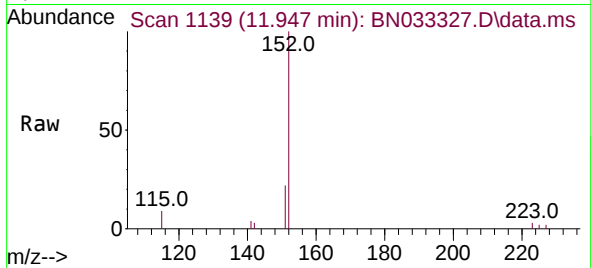




#11
2-Methylnaphthalene-d10
Concen: 0.152 ng
RT: 11.947 min Scan# 1170
Delta R.T. -0.007 min
Lab File: BN033327.D
Acq: 09 Aug 2024 21:21

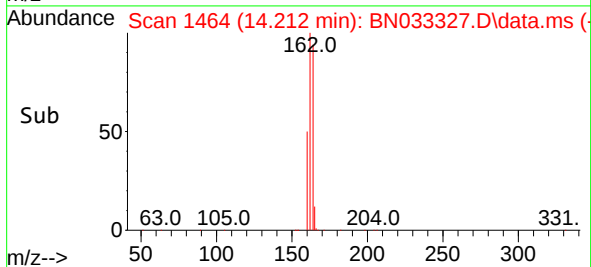
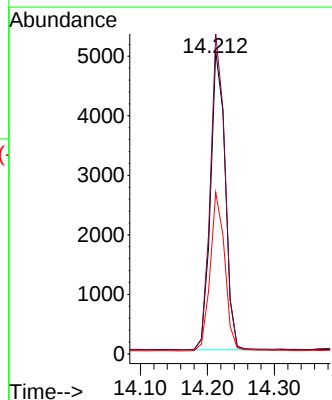
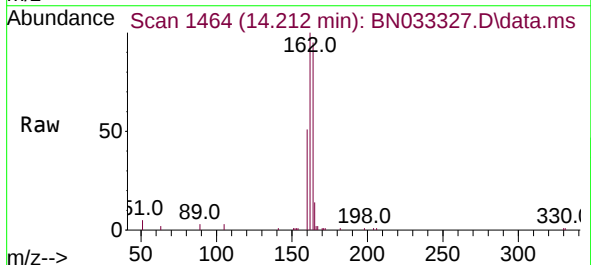
Instrument :
BNA_N
ClientSampleId :
931-K1-SD-0-0.5-080724-FD

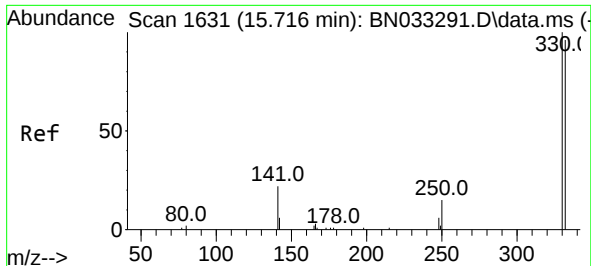
Tgt Ion:152 Resp: 3221
Ion Ratio Lower Upper
152 100
151 21.2 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.212 min Scan# 1464
Delta R.T. -0.010 min
Lab File: BN033327.D
Acq: 09 Aug 2024 21:21

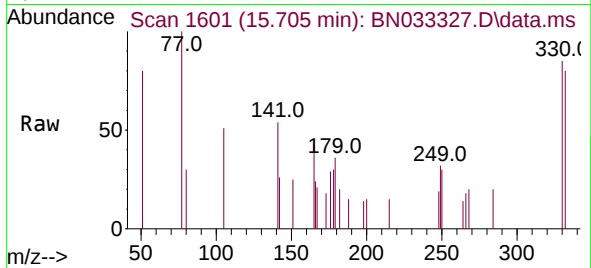
Tgt Ion:164 Resp: 7620
Ion Ratio Lower Upper
164 100
162 105.7 82.6 124.0
160 53.4 38.2 57.4



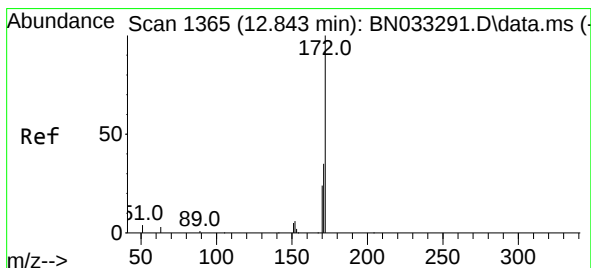
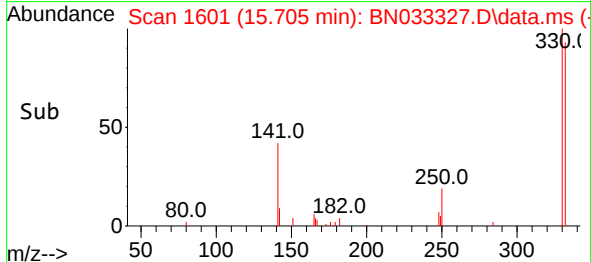
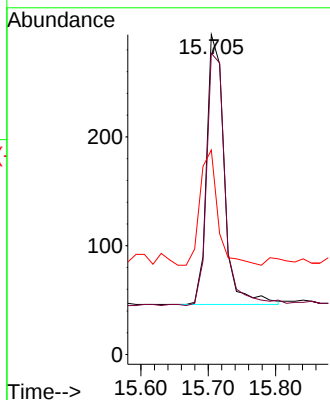


#14
2,4,6-Tribromophenol
Concen: 0.146 ng
RT: 15.705 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN033327.D
Acq: 09 Aug 2024 21:21

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

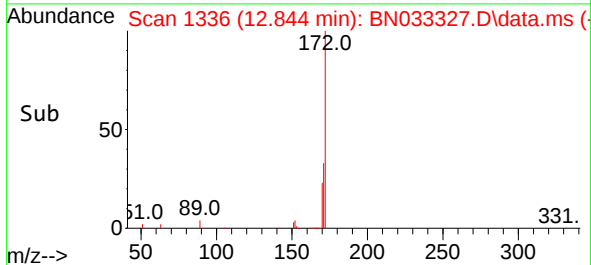
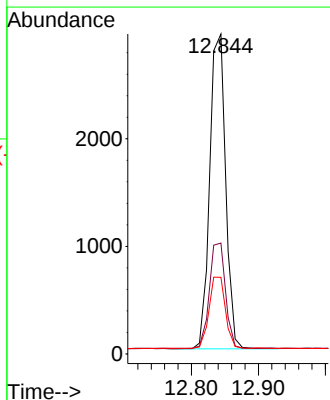
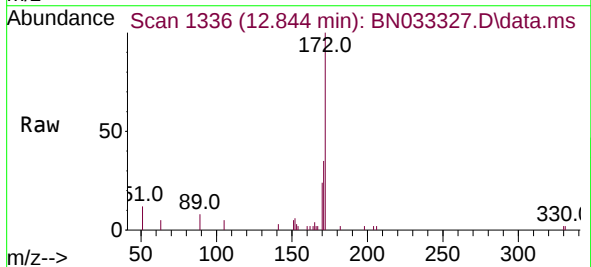


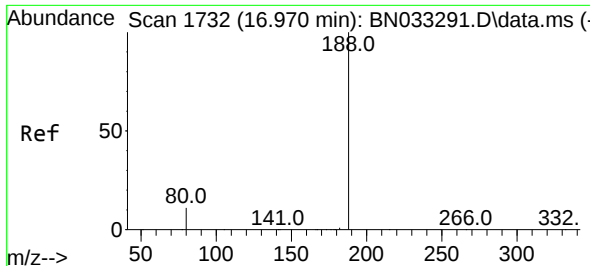
Tgt Ion:330 Resp: 450
Ion Ratio Lower Upper
330 100
332 97.6 75.6 113.4
141 43.1 31.0 46.4



#15
2-Fluorobiphenyl
Concen: 0.168 ng
RT: 12.844 min Scan# 1336
Delta R.T. 0.001 min
Lab File: BN033327.D
Acq: 09 Aug 2024 21:21

Tgt Ion:172 Resp: 4826
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.9 19.4 29.2

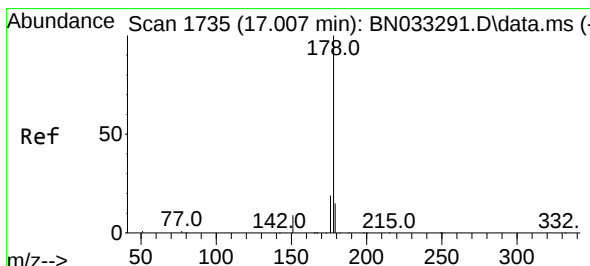
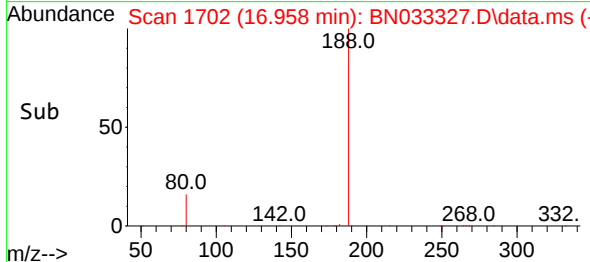
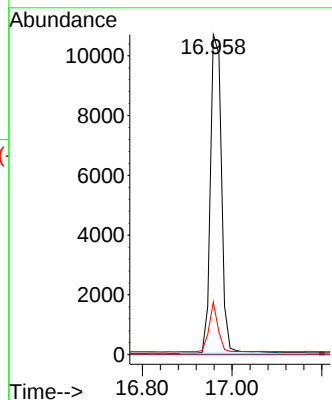
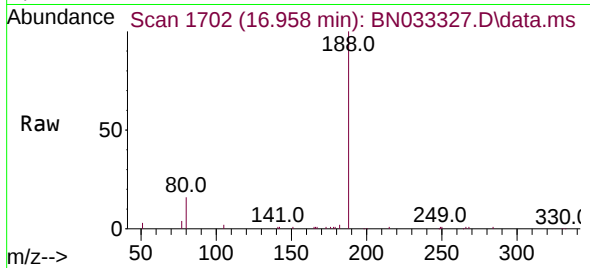




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.958 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN033327.D
Acq: 09 Aug 2024 21:21

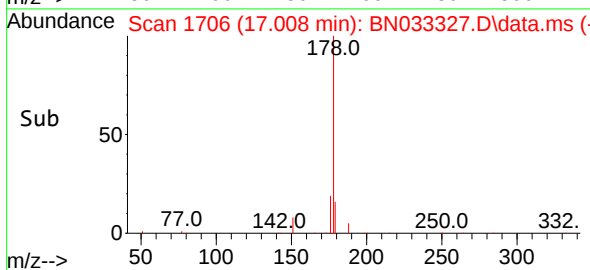
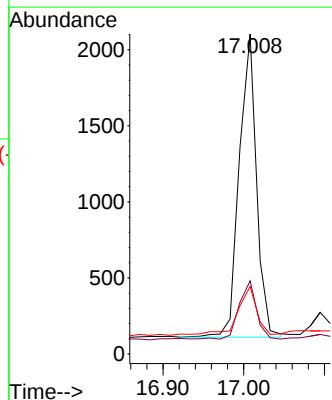
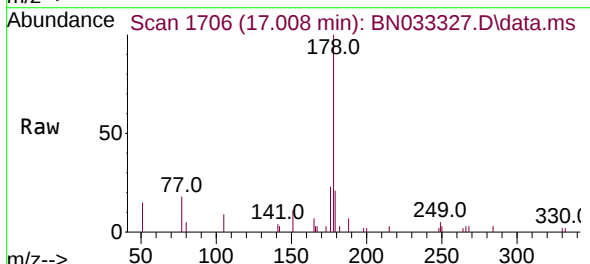
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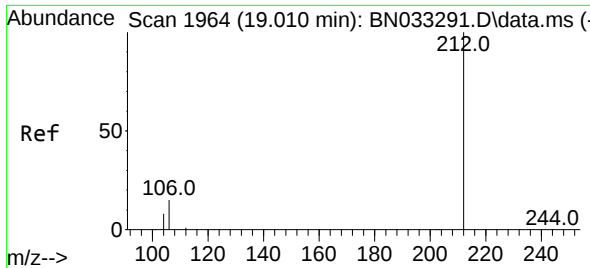
Tgt Ion:188 Resp: 18205
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.5 10.5 15.7#



#25
Phenanthrene
Concen: 0.056 ng
RT: 17.008 min Scan# 1706
Delta R.T. 0.001 min
Lab File: BN033327.D
Acq: 09 Aug 2024 21:21

Tgt Ion:178 Resp: 2958
Ion Ratio Lower Upper
178 100
176 19.2 15.2 22.8
179 16.1 12.0 18.0

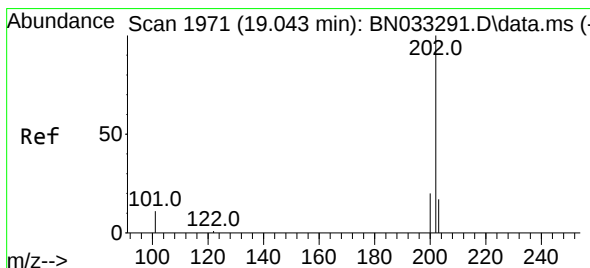
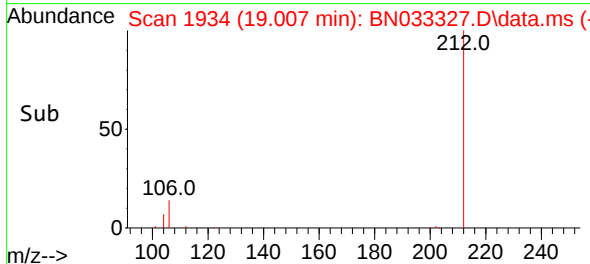
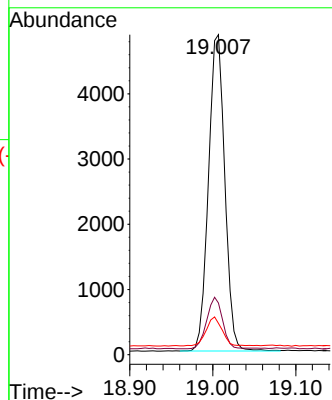
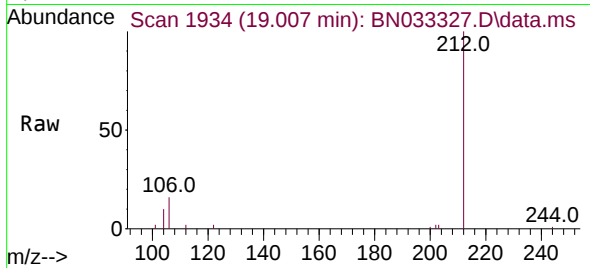




#27
Fluoranthene-d10
Concen: 0.133 ng
RT: 19.007 min Scan# 1934
Delta R.T. -0.004 min
Lab File: BN033327.D
Acq: 09 Aug 2024 21:21

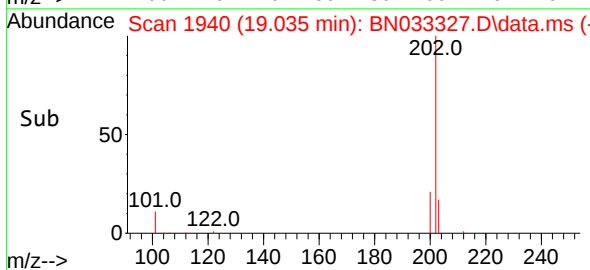
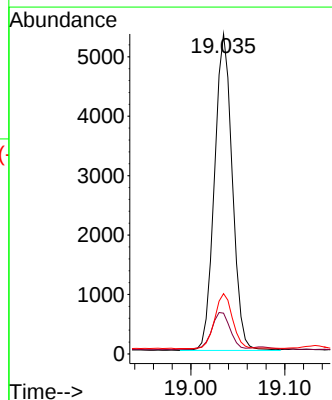
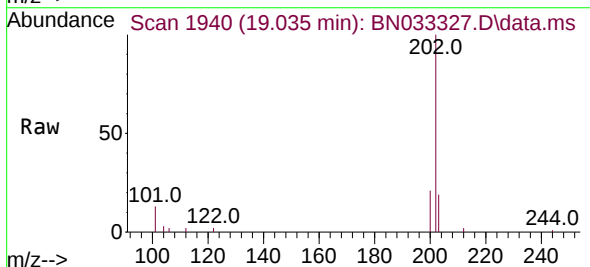
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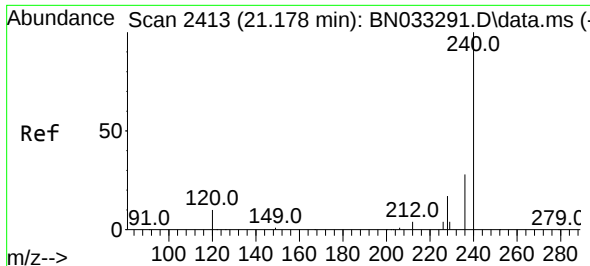
Tgt Ion:212 Resp: 6638
Ion Ratio Lower Upper
212 100
106 15.9 12.2 18.4
104 8.9 6.9 10.3



#28
Fluoranthene
Concen: 0.106 ng
RT: 19.035 min Scan# 1940
Delta R.T. -0.008 min
Lab File: BN033327.D
Acq: 09 Aug 2024 21:21

Tgt Ion:202 Resp: 7026
Ion Ratio Lower Upper
202 100
101 12.4 9.4 14.0
203 17.5 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.175 min Scan# 21

Delta R.T. -0.004 min

Lab File: BN033327.D

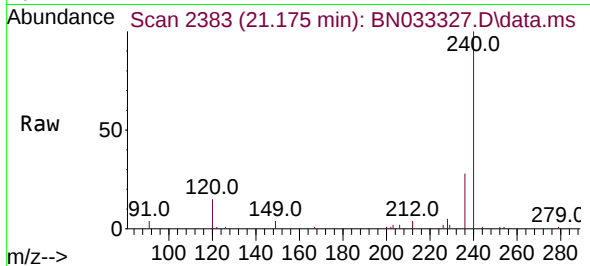
Acq: 09 Aug 2024 21:21

Instrument :

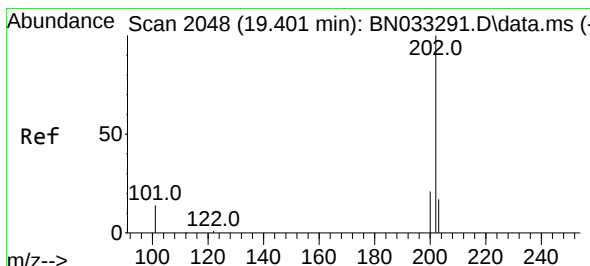
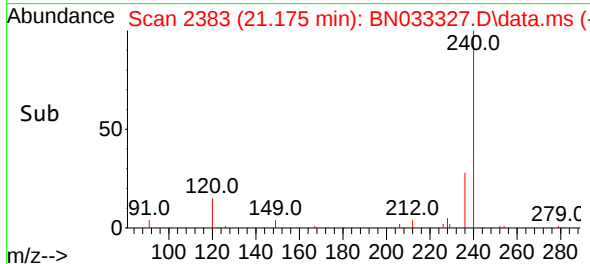
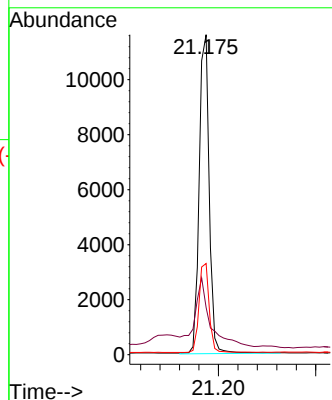
BNA_N

ClientSampleId :

931-K1-SD-0-0.5-080724-FD



Tgt Ion:	240	Resp:	16552
Ion Ratio	Lower	Upper	
240	100		
120	14.7	9.0	13.6#
236	28.5	22.4	33.6



#30

Pyrene

Concen: 0.087 ng

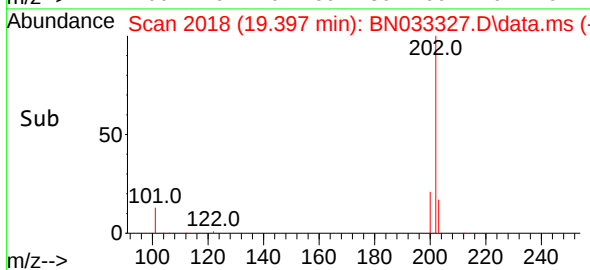
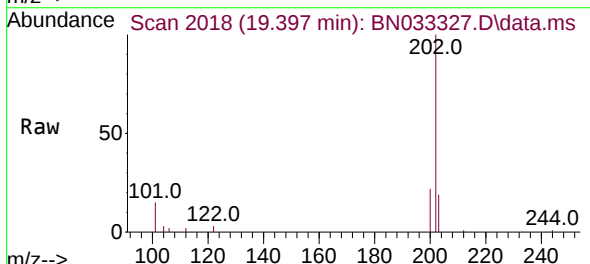
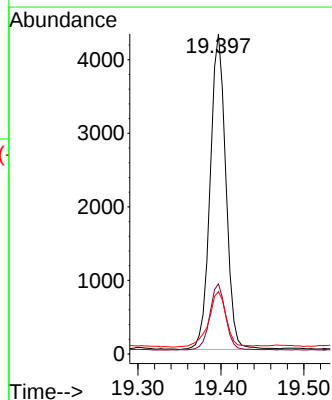
RT: 19.397 min Scan# 2018

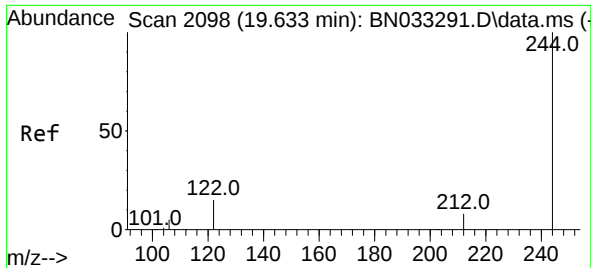
Delta R.T. -0.004 min

Lab File: BN033327.D

Acq: 09 Aug 2024 21:21

Tgt Ion:	202	Resp:	5654
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.7	25.1
203	20.0	14.2	21.4

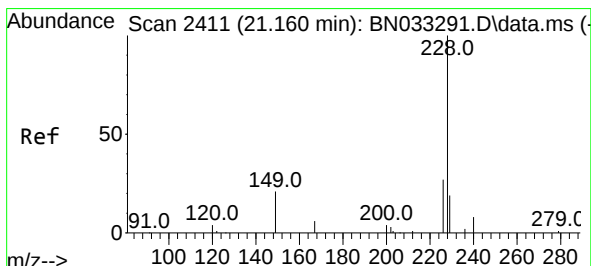
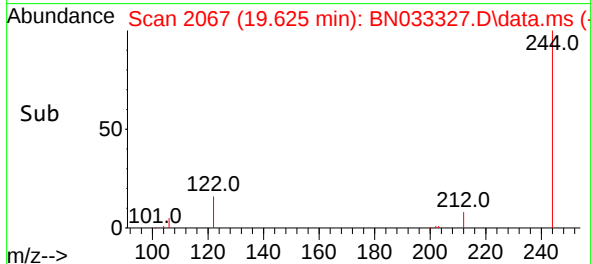
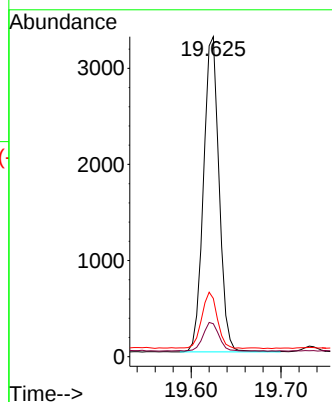
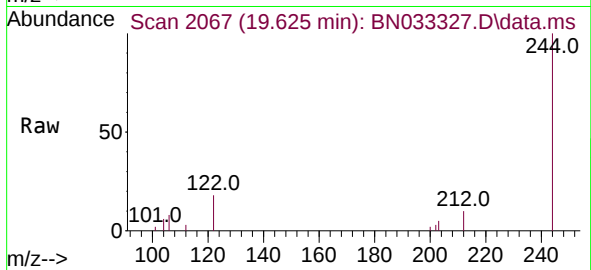




#31
 Terphenyl-d14
 Concen: 0.139 ng
 RT: 19.625 min Scan# 2098
 Delta R.T. -0.008 min
 Lab File: BN033327.D
 Acq: 09 Aug 2024 21:21

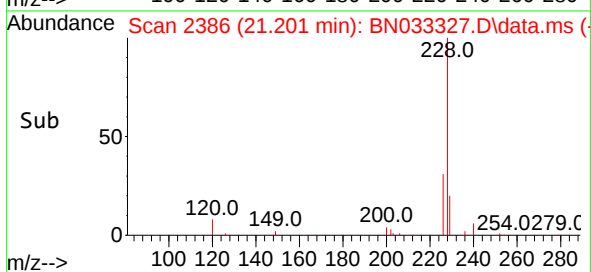
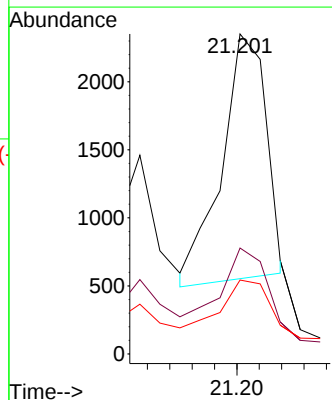
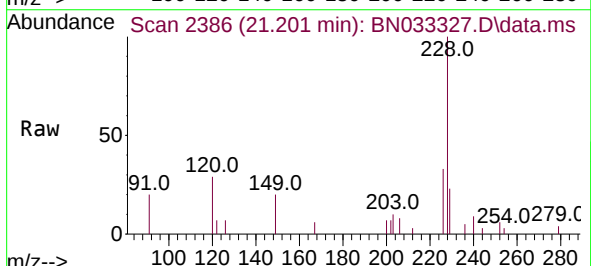
Instrument :
 BNA_N
 ClientSampleId :
 931-K1-SD-0-0.5-080724-FD

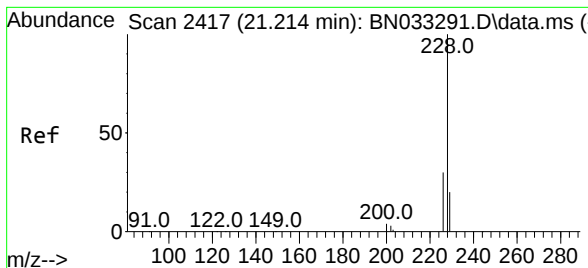
Tgt Ion:244	Resp:	3956
Ion Ratio	Lower	Upper
244	100	
212	10.3	7.2 10.8
122	18.2	12.7 19.1



#32
 Benzo(a)anthracene
 Concen: 0.039 ng
 RT: 21.201 min Scan# 2386
 Delta R.T. 0.041 min
 Lab File: BN033327.D
 Acq: 09 Aug 2024 21:21

Tgt Ion:228	Resp:	2478
Ion Ratio	Lower	Upper
228	100	
226	33.1	22.1 33.1
229	23.1	15.6 23.4





#33

Chrysene

Concen: 0.061 ng

RT: 21.201 min Scan# 21

Delta R.T. -0.013 min

Lab File: BN033327.D

Acq: 09 Aug 2024 21:21

Instrument :

BNA_N

ClientSampleId :

931-K1-SD-0-0.5-080724-FD

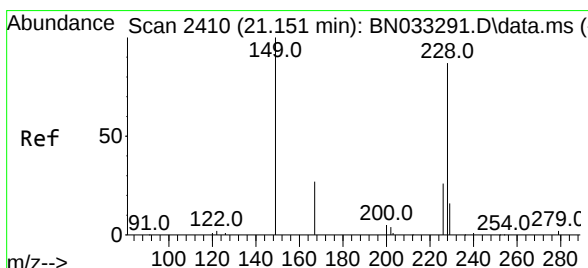
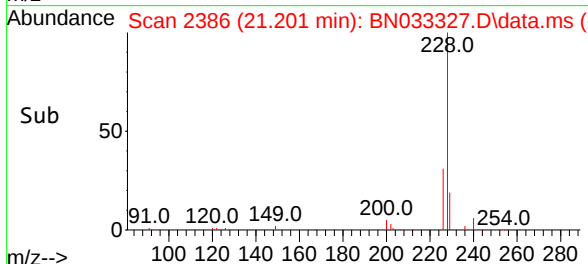
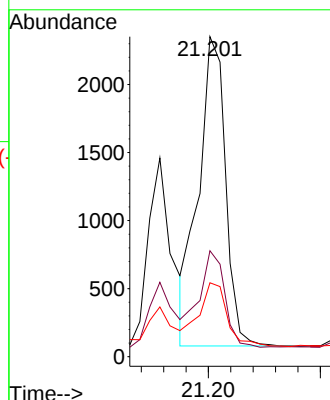
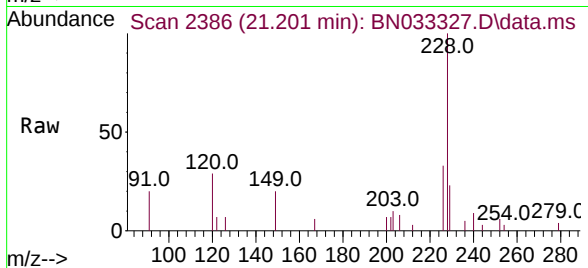
Tgt Ion:228 Resp: 3816

Ion Ratio Lower Upper

228 100

226 33.1 23.8 35.8

229 23.1 15.8 23.8



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.030 ng

RT: 21.130 min Scan# 2378

Delta R.T. -0.022 min

Lab File: BN033327.D

Acq: 09 Aug 2024 21:21

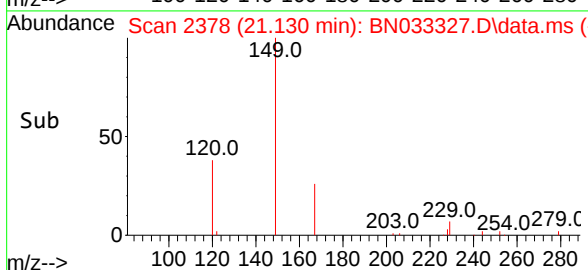
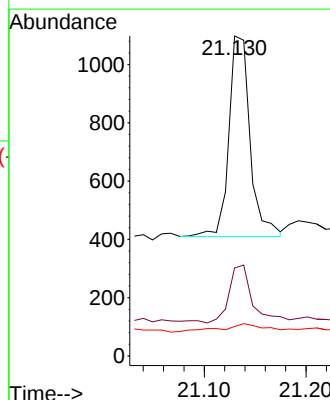
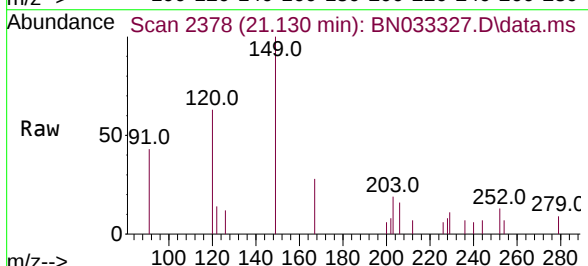
Tgt Ion:149 Resp: 995

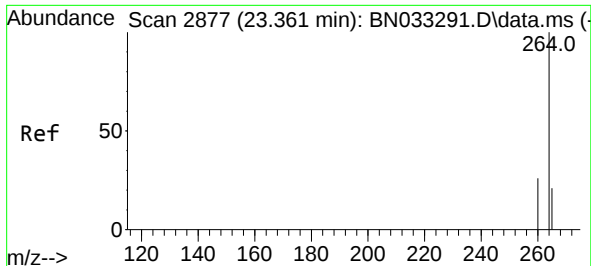
Ion Ratio Lower Upper

149 100

167 32.2 21.6 32.4

279 9.4 2.6 4.0#

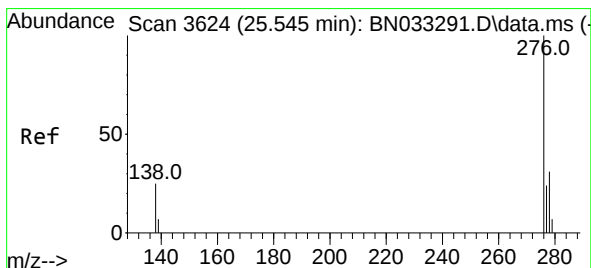
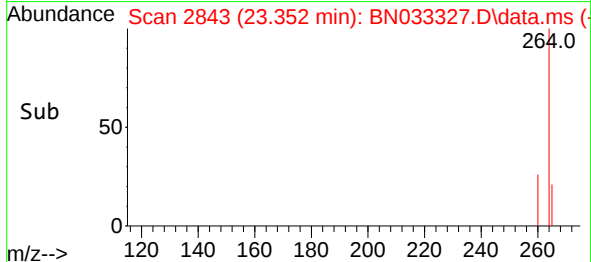
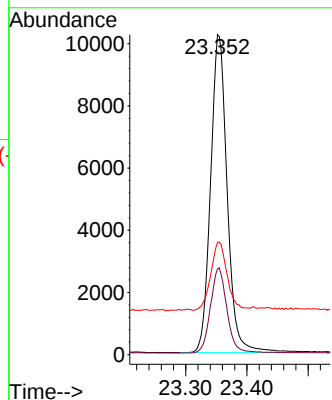
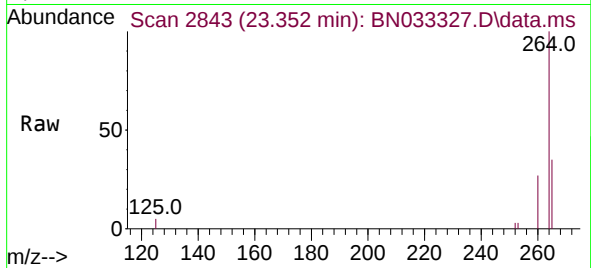




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.352 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN033327.D
 Acq: 09 Aug 2024 21:21

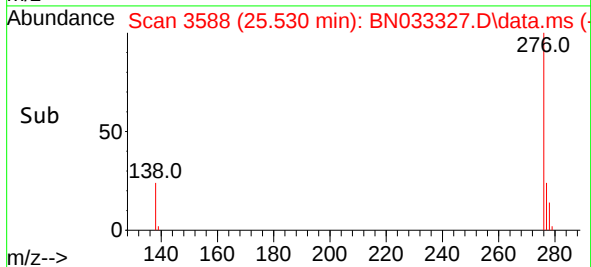
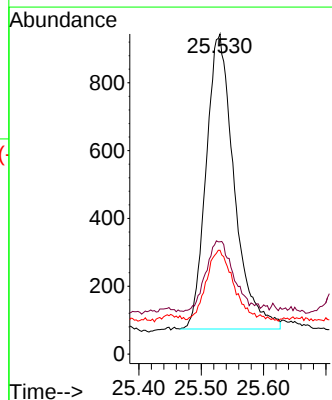
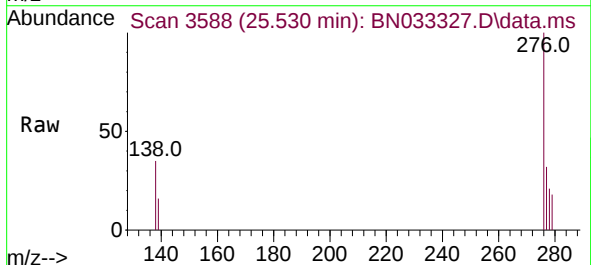
Instrument :
 BNA_N
 ClientSampleId :
 931-K1-SD-0-0.5-080724-FD

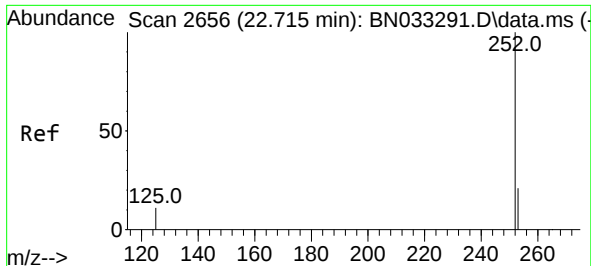
Tgt Ion:264 Resp: 19235
 Ion Ratio Lower Upper
 264 100
 260 26.7 21.4 32.0
 265 35.1 22.4 33.6#



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.032 ng
 RT: 25.530 min Scan# 3588
 Delta R.T. -0.015 min
 Lab File: BN033327.D
 Acq: 09 Aug 2024 21:21

Tgt Ion:276 Resp: 2714
 Ion Ratio Lower Upper
 276 100
 138 24.4 22.7 34.1
 277 22.6 19.8 29.8





#37

Benzo(b)fluoranthene

Concen: 0.083 ng

RT: 22.709 min Scan# 2623

Delta R.T. -0.006 min

Lab File: BN033327.D

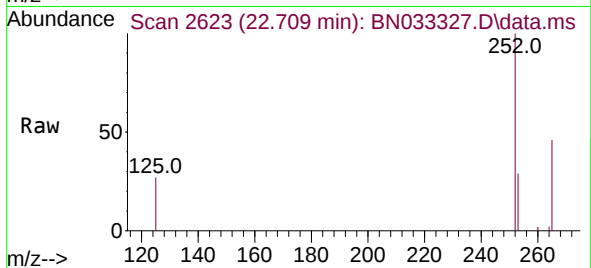
Acq: 09 Aug 2024 21:21

Instrument :

BNA_N

ClientSampleId :

931-K1-SD-0-0.5-080724-FD



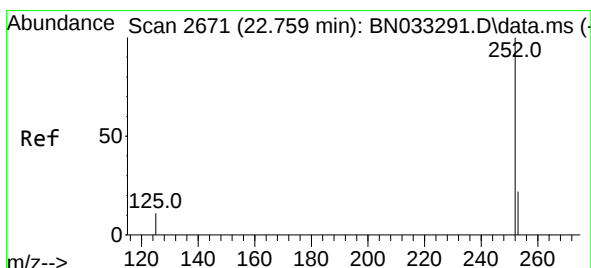
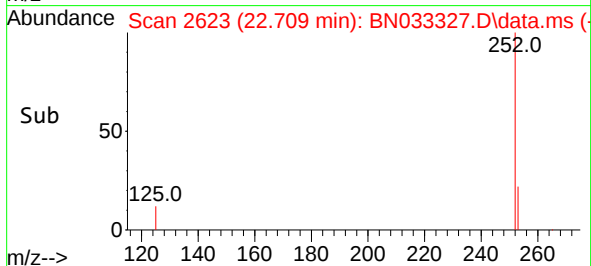
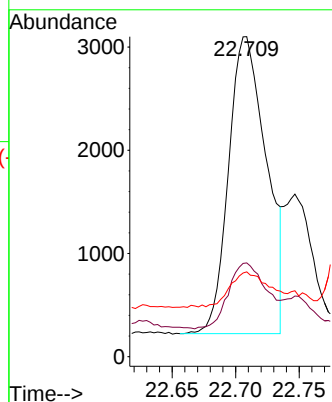
Tgt Ion:252 Resp: 5959

Ion Ratio Lower Upper

252 100

253 29.3 17.8 26.6#

125 26.5 10.0 15.0#



#38

Benzo(k)fluoranthene

Concen: 0.086 ng

RT: 22.709 min Scan# 2623

Delta R.T. -0.050 min

Lab File: BN033327.D

Acq: 09 Aug 2024 21:21

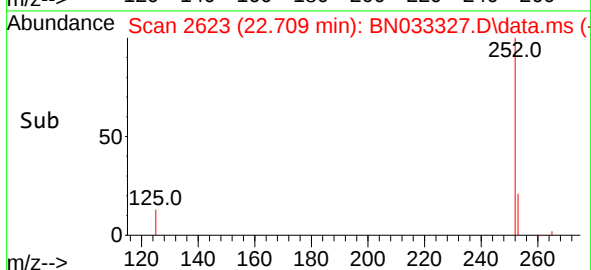
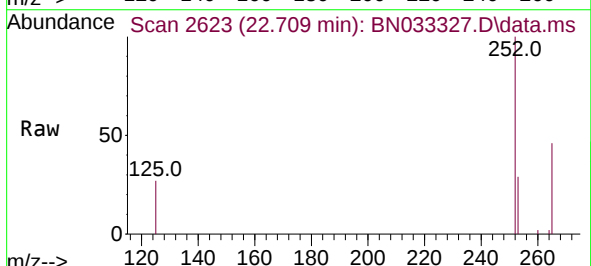
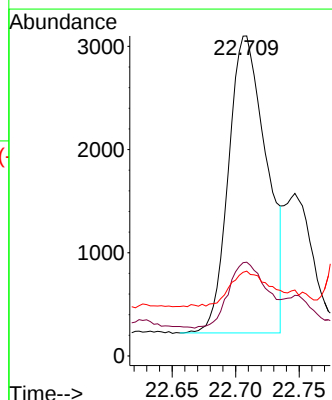
Tgt Ion:252 Resp: 5959

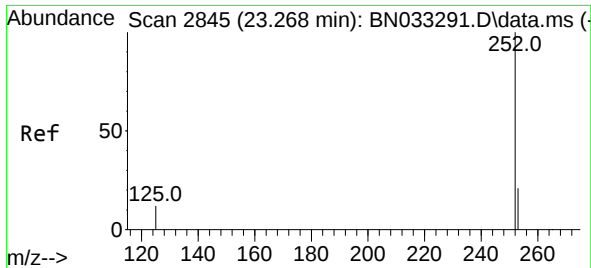
Ion Ratio Lower Upper

252 100

253 29.3 18.3 27.5#

125 26.5 10.2 15.4#

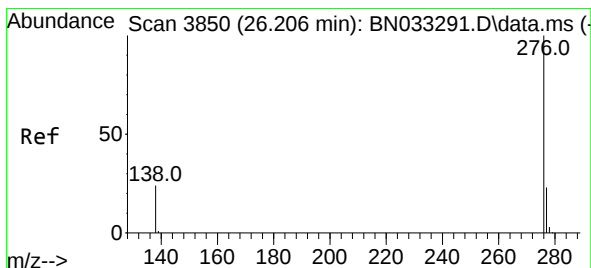
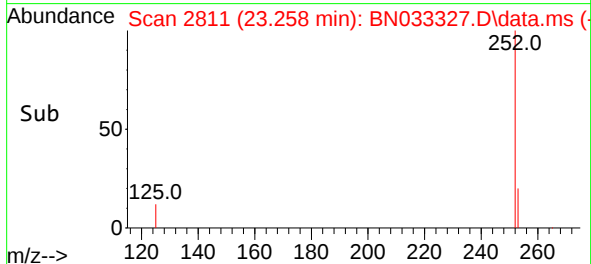
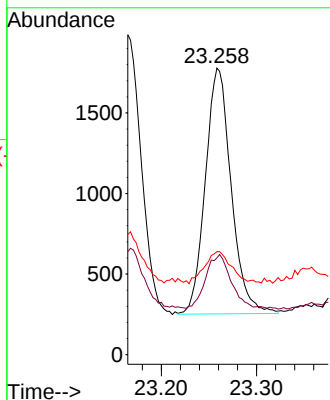
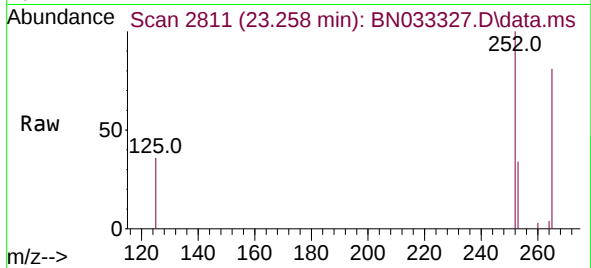




#39
Benzo(a)pyrene
Concen: 0.045 ng
RT: 23.258 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN033327.D
Acq: 09 Aug 2024 21:21

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

Tgt Ion:252 Resp: 2877
Ion Ratio Lower Upper
252 100
253 33.8 18.2 27.4#
125 35.9 11.4 17.2#



#41
Benzo(g,h,i)perylene
Concen: 0.042 ng
RT: 26.188 min Scan# 3813
Delta R.T. -0.018 min
Lab File: BN033327.D
Acq: 09 Aug 2024 21:21

Tgt Ion:276 Resp: 3069
Ion Ratio Lower Upper
276 100
277 30.6 19.0 28.4#
138 36.9 20.8 31.2#

