

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080924\
 Data File : BN033332.D
 Acq On : 10 Aug 2024 00:22
 Operator : MA/JU
 Sample : P3512-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 931-K1-SD-0.5-1.0-080724-FD

Quant Time: Aug 10 01:12:11 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)

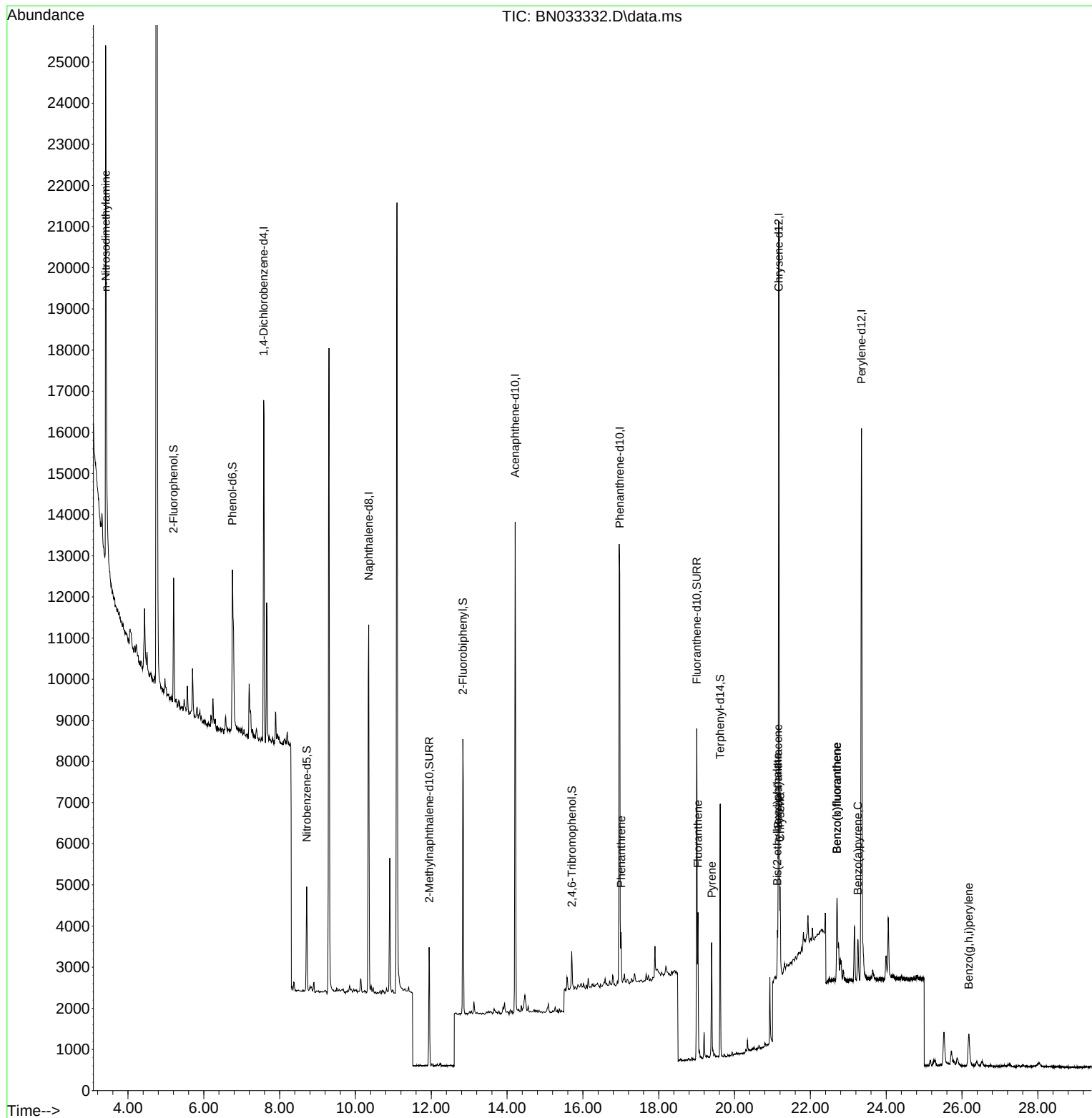
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.580	152	4029	0.400	ng	0.00
7) Naphthalene-d8	10.349	136	11626	0.400	ng	# 0.00
13) Acenaphthene-d10	14.212	164	6502	0.400	ng	0.00
19) Phenanthrene-d10	16.970	188	15964	0.400	ng	# 0.00
29) Chrysene-d12	21.165	240	14746	0.400	ng	#-0.01
35) Perylene-d12	23.349	264	17088	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.204	112	2382	0.225	ng	0.00
5) Phenol-d6	6.756	99	3299	0.228	ng	0.00
8) Nitrobenzene-d5	8.715	82	1885	0.266	ng	0.00
11) 2-Methylnaphthalene-d10	11.943	152	3779	0.209	ng	-0.01
14) 2,4,6-Tribromophenol	15.704	330	512	0.195	ng	-0.01
15) 2-Fluorobiphenyl	12.833	172	5763	0.235	ng	0.00
27) Fluoranthene-d10	19.002	212	8708	0.198	ng	0.00
31) Terphenyl-d14	19.620	244	5394	0.212	ng	-0.01
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.413	42	2254	0.397	ng	# 1
25) Phenanthrene	17.008	178	1248	0.027	ng	# 95
28) Fluoranthene	19.035	202	3085	0.053	ng	97
30) Pyrene	19.397	202	2579	0.044	ng	97
32) Benzo(a)anthracene	21.148	228	1292	0.023	ng	# 86
33) Chrysene	21.201	228	1817	0.033	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.130	149	1002	0.034	ng	99
37) Benzo(b)fluoranthene	22.703	252	3033	0.048	ng	# 63
38) Benzo(k)fluoranthene	22.703	252	3033	0.049	ng	# 64
39) Benzo(a)pyrene	23.252	252	1559	0.028	ng	# 36
41) Benzo(g,h,i)perylene	26.179	276	1712	0.027	ng	# 69

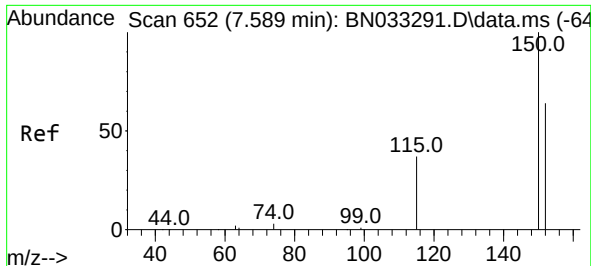
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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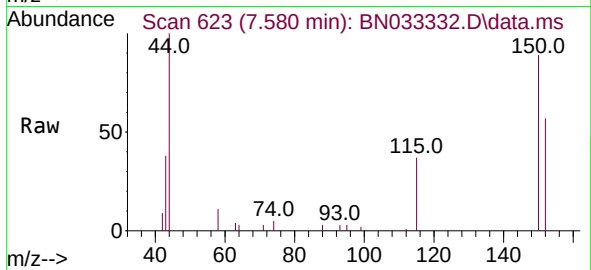
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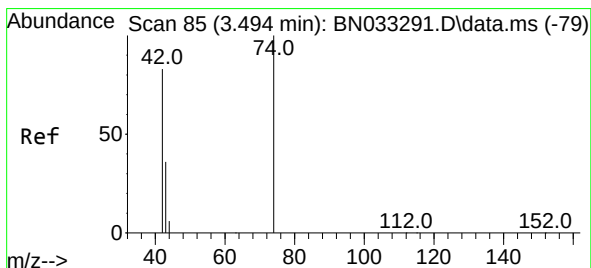
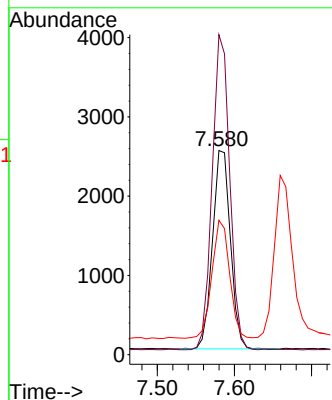
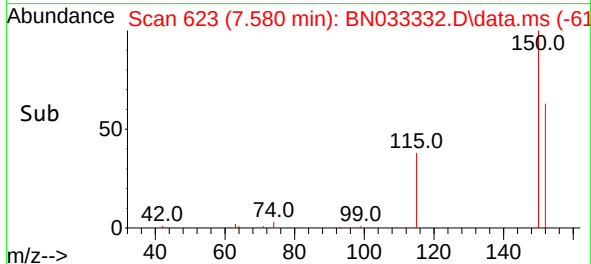


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.580 min Scan# 61
Delta R.T. -0.009 min
Lab File: BN033332.D
Acq: 10 Aug 2024 00:22

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ClientSampleId :
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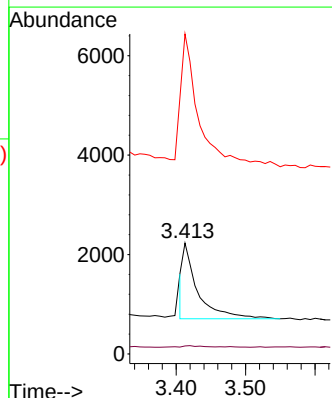
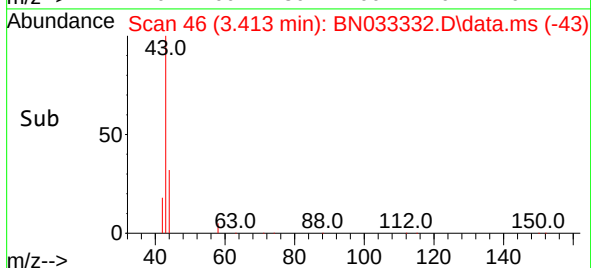
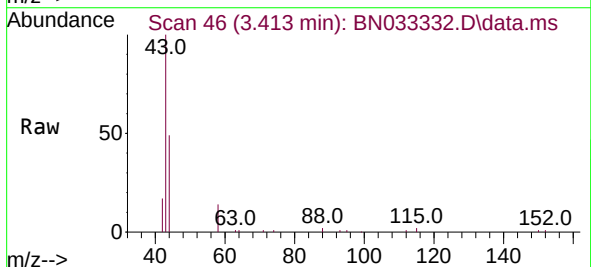


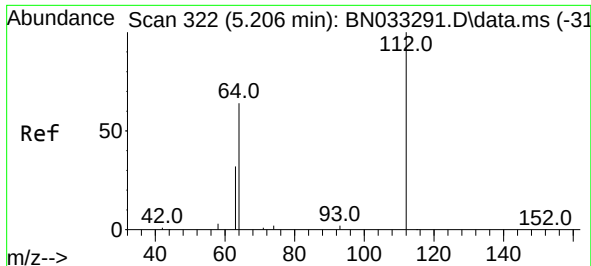
Tgt Ion:152 Resp: 4029
Ion Ratio Lower Upper
152 100
150 156.7 120.7 181.1
115 65.8 55.8 83.8



#3
n-Nitrosodimethylamine
Concen: 0.397 ng
RT: 3.413 min Scan# 46
Delta R.T. -0.082 min
Lab File: BN033332.D
Acq: 10 Aug 2024 00:22

Tgt Ion: 42 Resp: 2254
Ion Ratio Lower Upper
42 100
74 2.0 94.9 142.3#
44 193.5 7.0 10.4#





#4

2-Fluorophenol

Concen: 0.225 ng

RT: 5.204 min Scan# 24

Delta R.T. -0.002 min

Lab File: BN033332.D

Acq: 10 Aug 2024 00:22

Instrument :

BNA_N

ClientSampleId :

931-K1-SD-0.5-1.0-080724-FD

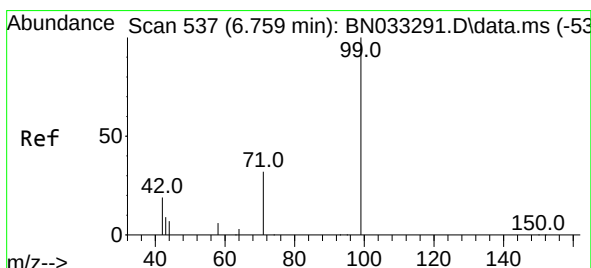
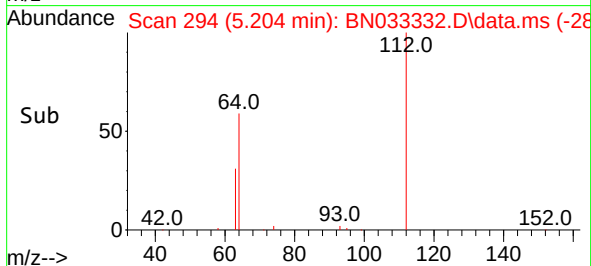
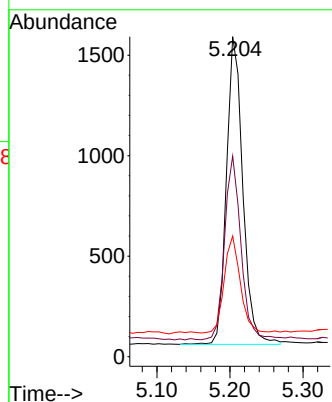
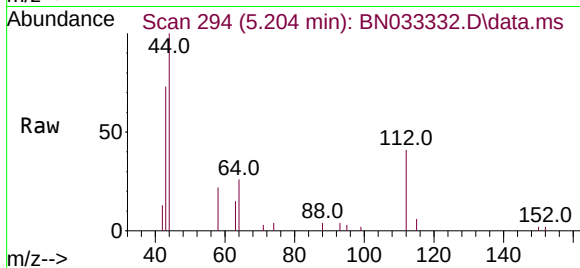
Tgt Ion:112 Resp: 2382

Ion Ratio Lower Upper

112 100

64 59.8 48.7 73.1

63 31.2 25.4 38.2



#5

Phenol-d6

Concen: 0.228 ng

RT: 6.756 min Scan# 509

Delta R.T. -0.002 min

Lab File: BN033332.D

Acq: 10 Aug 2024 00:22

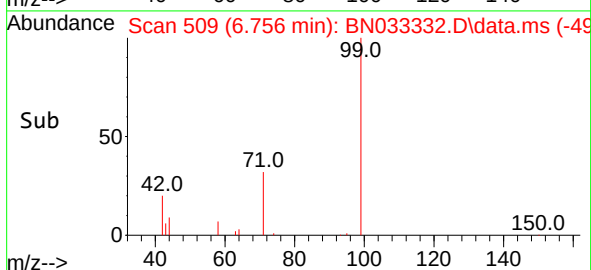
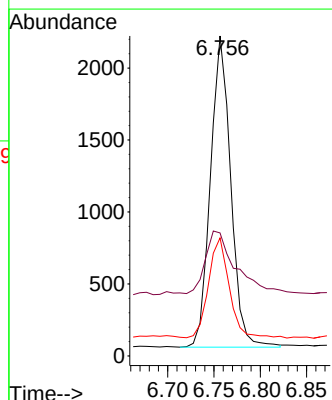
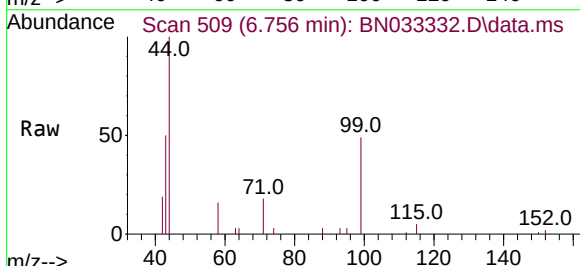
Tgt Ion: 99 Resp: 3299

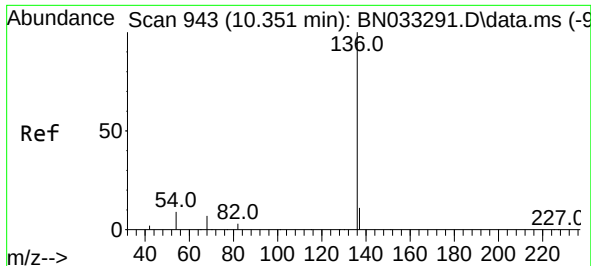
Ion Ratio Lower Upper

99 100

42 29.3 19.3 28.9#

71 32.5 27.6 41.4

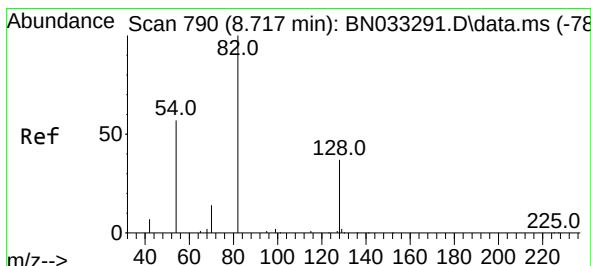
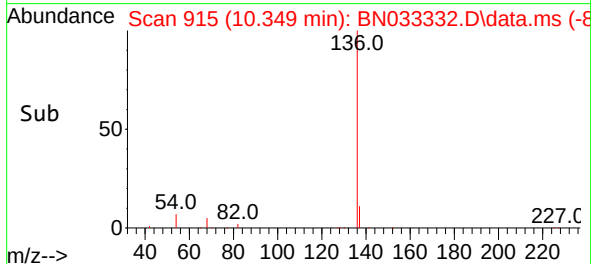
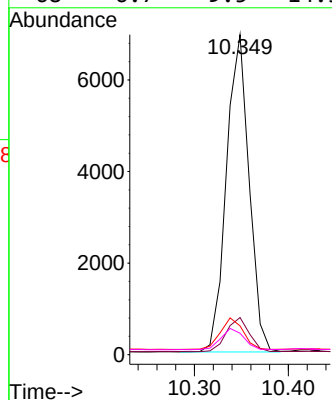
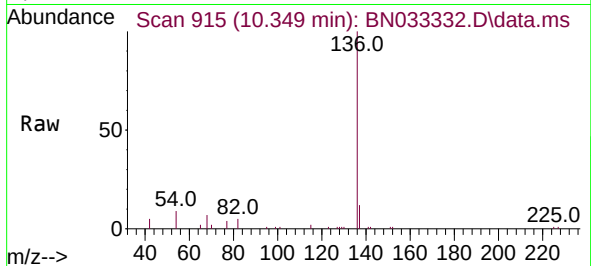




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.349 min Scan# 91
Delta R.T. -0.002 min
Lab File: BN033332.D
Acq: 10 Aug 2024 00:22

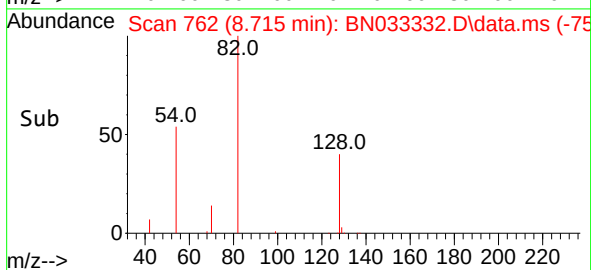
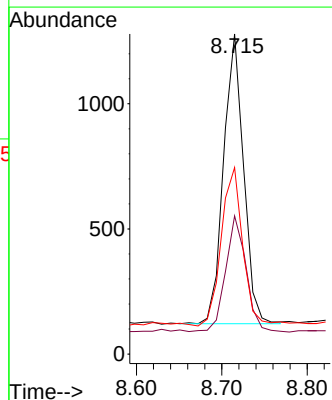
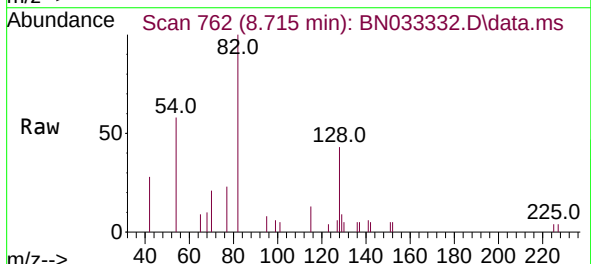
Instrument :
BNA_N
ClientSampleId :
931-K1-SD-0.5-1.0-080724-FD

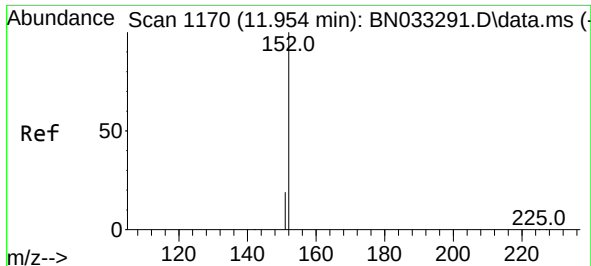
Tgt Ion:	136	Resp:	11626
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.9	14.9
54	9.0	11.4	17.2#
68	6.7	9.5	14.3#



#8
Nitrobenzene-d5
Concen: 0.266 ng
RT: 8.715 min Scan# 762
Delta R.T. -0.002 min
Lab File: BN033332.D
Acq: 10 Aug 2024 00:22

Tgt Ion:	82	Resp:	1885
Ion	Ratio	Lower	Upper
82	100		
128	43.2	29.4	44.2
54	58.2	50.0	75.0

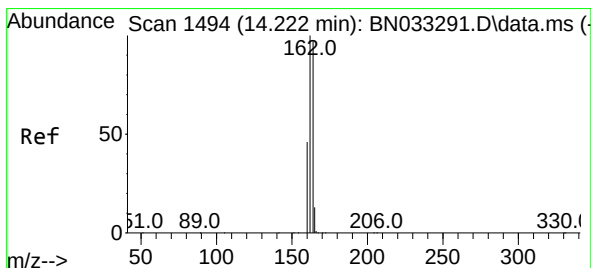
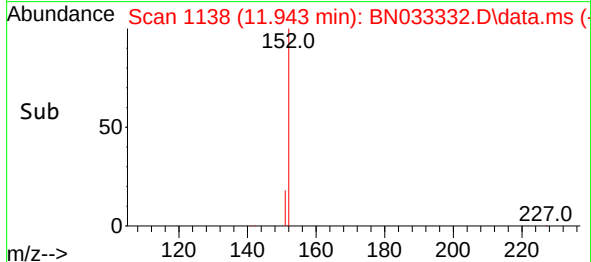
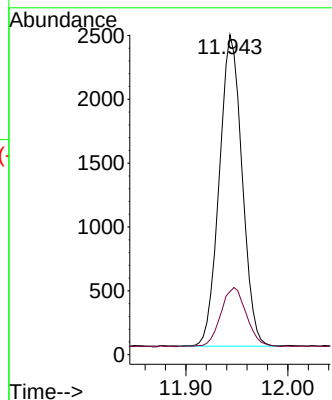
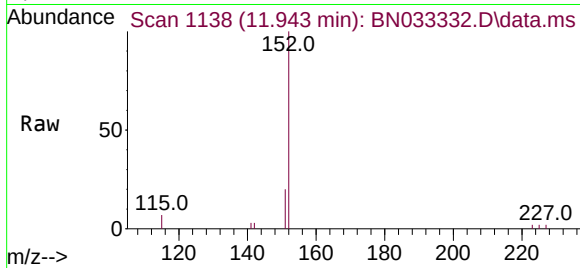




#11
2-Methylnaphthalene-d10
Concen: 0.209 ng
RT: 11.943 min Scan# 1170
Delta R.T. -0.011 min
Lab File: BN033332.D
Acq: 10 Aug 2024 00:22

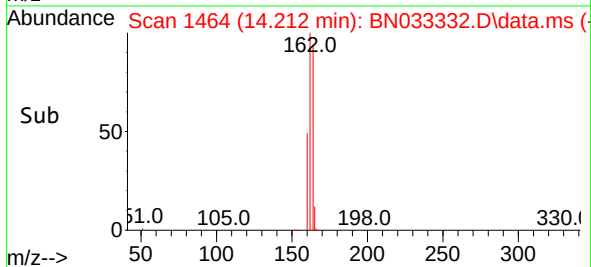
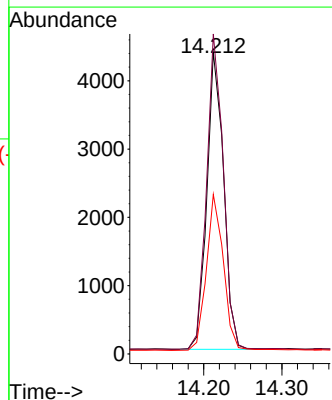
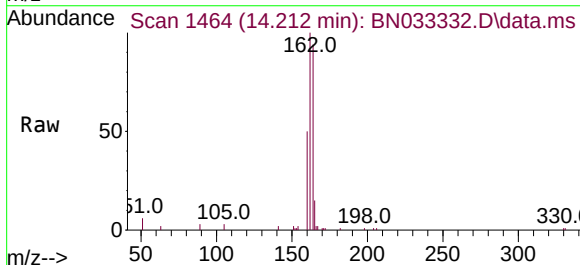
Instrument :
BNA_N
ClientSampleId :
931-K1-SD-0.5-1.0-080724-FD

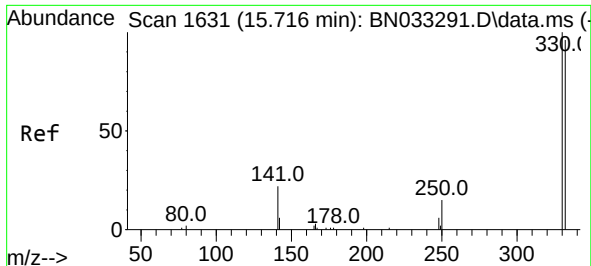
Tgt Ion:152 Resp: 3779
Ion Ratio Lower Upper
152 100
151 21.4 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.212 min Scan# 1464
Delta R.T. -0.010 min
Lab File: BN033332.D
Acq: 10 Aug 2024 00:22

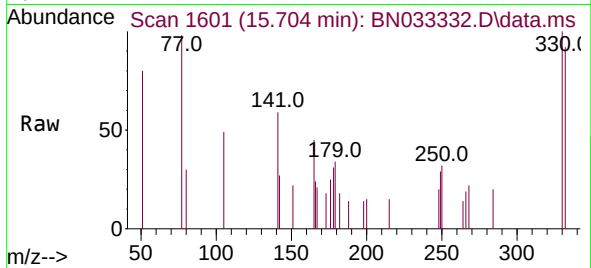
Tgt Ion:164 Resp: 6502
Ion Ratio Lower Upper
164 100
162 106.1 82.6 124.0
160 52.9 38.2 57.4



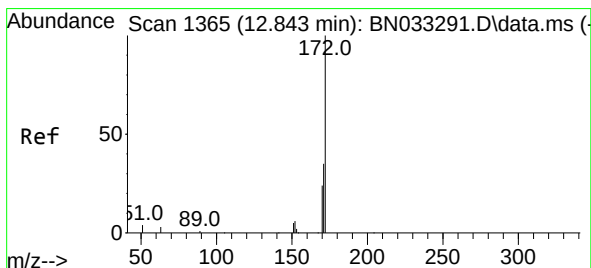
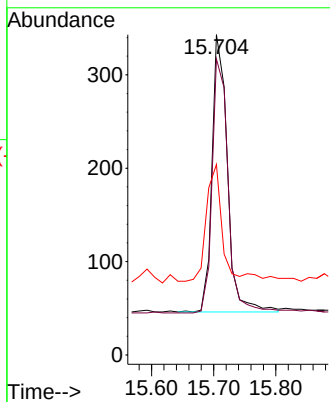
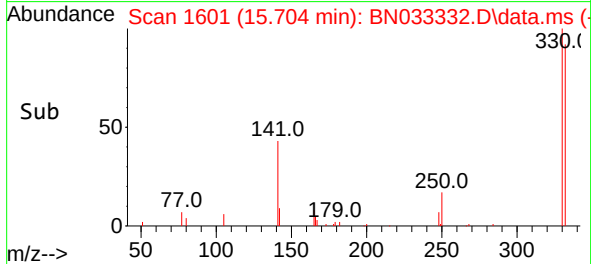


#14
2,4,6-Tribromophenol
Concen: 0.195 ng
RT: 15.704 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN033332.D
Acq: 10 Aug 2024 00:22

Instrument :
BNA_N
ClientSampleId :
931-K1-SD-0.5-1.0-080724-FD

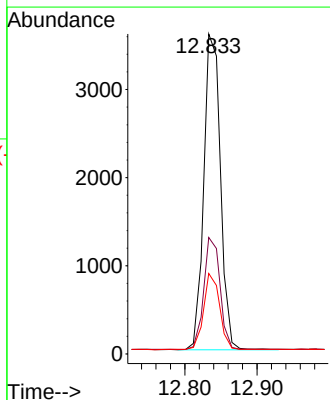
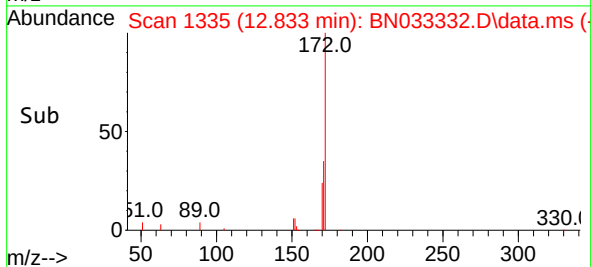
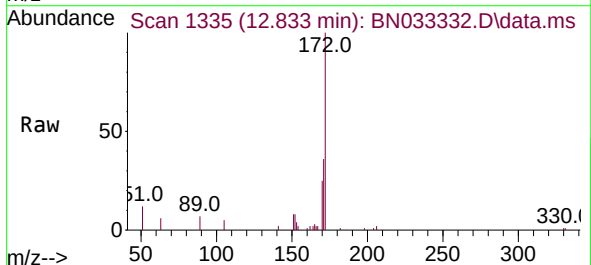


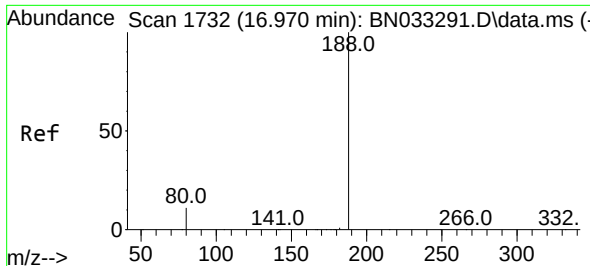
Tgt Ion:330 Resp: 512
Ion Ratio Lower Upper
330 100
332 94.9 75.6 113.4
141 41.2 31.0 46.4



#15
2-Fluorobiphenyl
Concen: 0.235 ng
RT: 12.833 min Scan# 1335
Delta R.T. -0.010 min
Lab File: BN033332.D
Acq: 10 Aug 2024 00:22

Tgt Ion:172 Resp: 5763
Ion Ratio Lower Upper
172 100
171 36.4 28.3 42.5
170 25.2 19.4 29.2

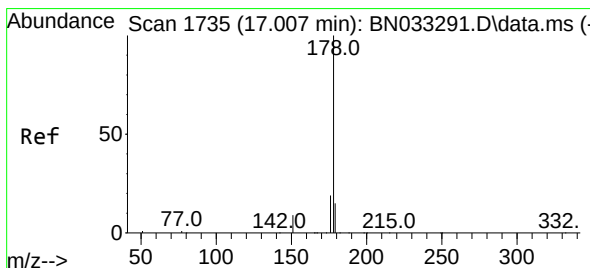
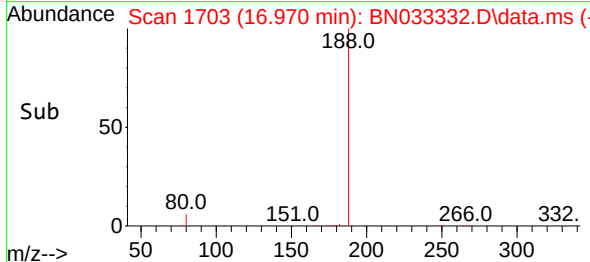
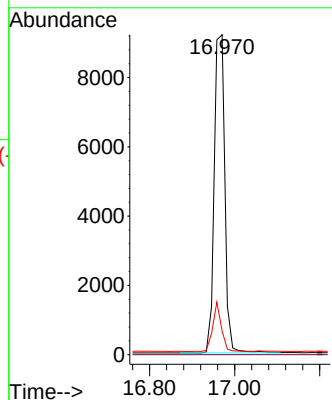
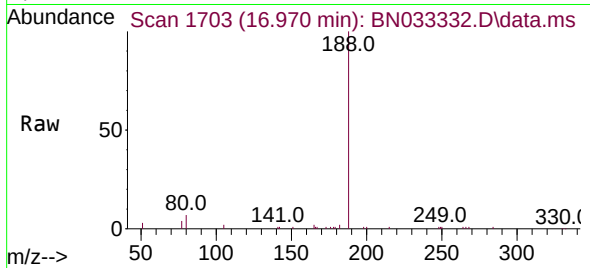




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.970 min Scan# 1706
Delta R.T. 0.001 min
Lab File: BN033332.D
Acq: 10 Aug 2024 00:22

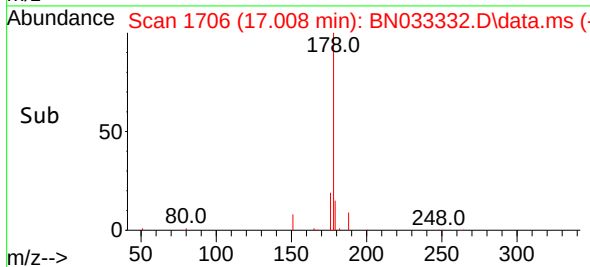
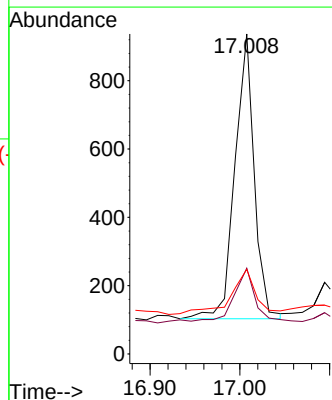
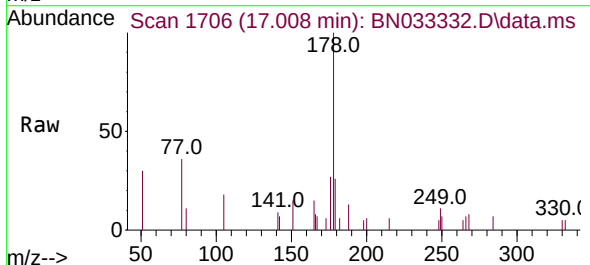
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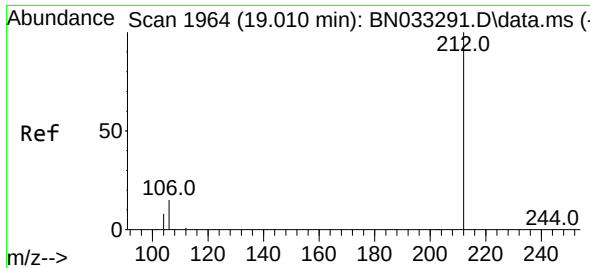
Tgt Ion:188 Resp: 15964
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.4 10.5 15.7#



#25
Phenanthrene
Concen: 0.027 ng
RT: 17.008 min Scan# 1706
Delta R.T. 0.001 min
Lab File: BN033332.D
Acq: 10 Aug 2024 00:22

Tgt Ion:178 Resp: 1248
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 19.4 12.0 18.0#

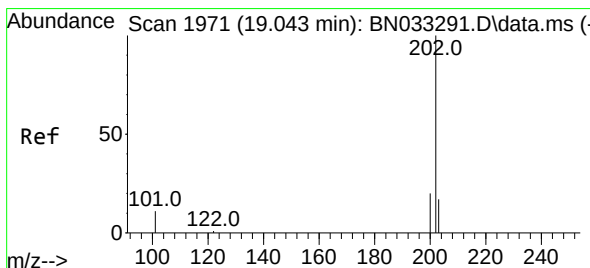
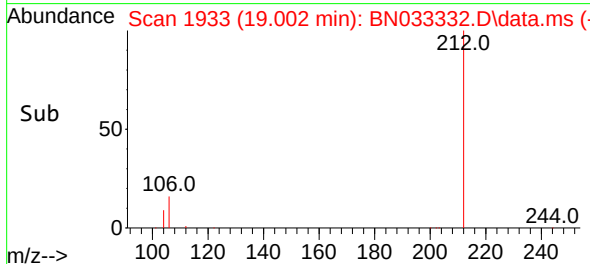
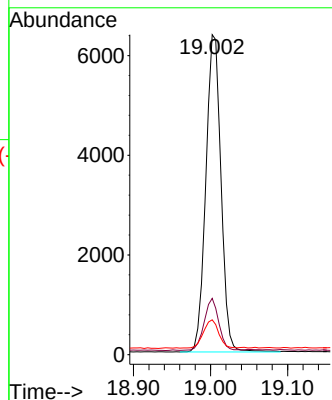
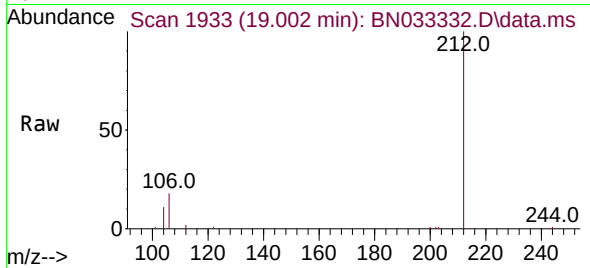




#27
Fluoranthene-d10
Concen: 0.198 ng
RT: 19.002 min Scan# 1940
Delta R.T. -0.008 min
Lab File: BN033332.D
Acq: 10 Aug 2024 00:22

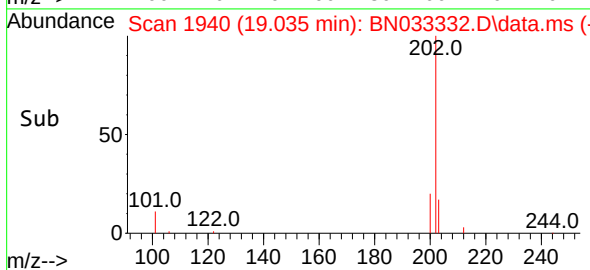
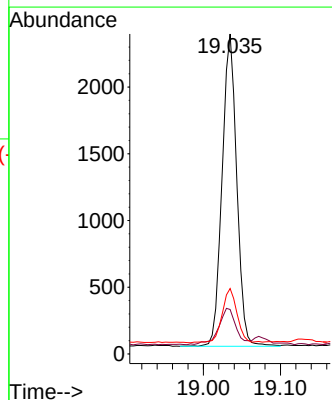
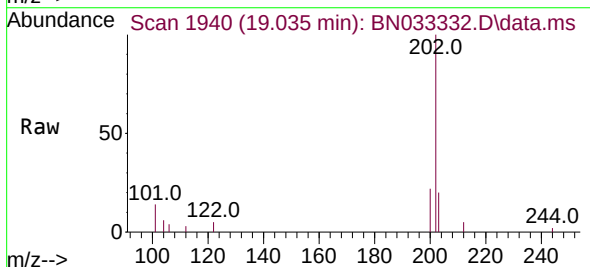
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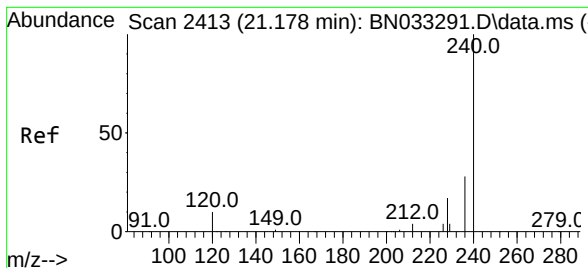
Tgt Ion:212 Resp: 8708
Ion Ratio Lower Upper
212 100
106 15.7 12.2 18.4
104 8.9 6.9 10.3



#28
Fluoranthene
Concen: 0.053 ng
RT: 19.035 min Scan# 1940
Delta R.T. -0.008 min
Lab File: BN033332.D
Acq: 10 Aug 2024 00:22

Tgt Ion:202 Resp: 3085
Ion Ratio Lower Upper
202 100
101 13.8 9.4 14.0
203 17.6 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.165 min Scan# 21

Delta R.T. -0.013 min

Lab File: BN033332.D

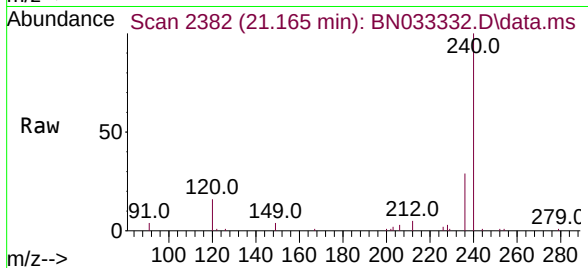
Acq: 10 Aug 2024 00:22

Instrument :

BNA_N

ClientSampleId :

931-K1-SD-0.5-1.0-080724-FD



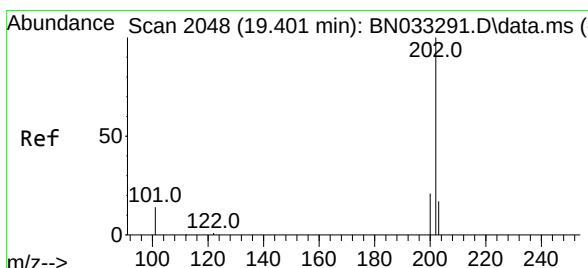
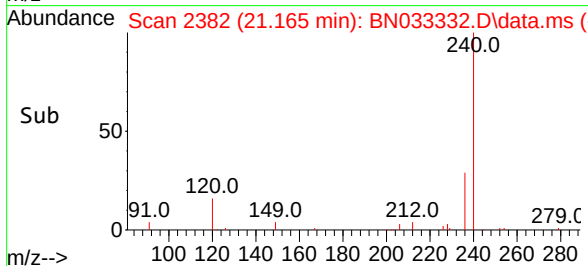
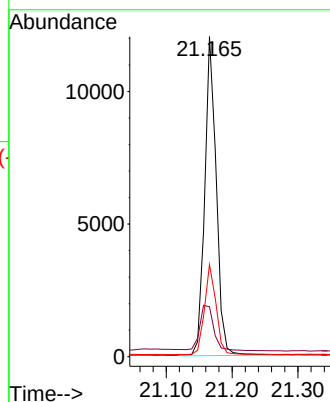
Tgt Ion:240 Resp: 14746

Ion Ratio Lower Upper

240 100

120 15.6 9.0 13.6#

236 28.8 22.4 33.6



#30

Pyrene

Concen: 0.044 ng

RT: 19.397 min Scan# 2018

Delta R.T. -0.004 min

Lab File: BN033332.D

Acq: 10 Aug 2024 00:22

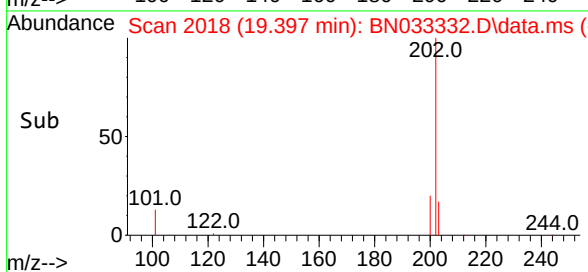
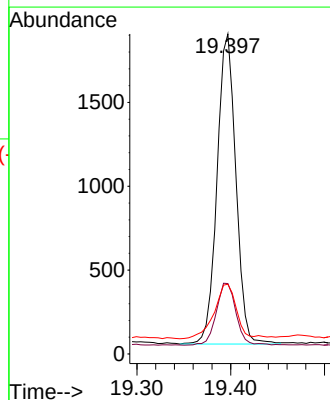
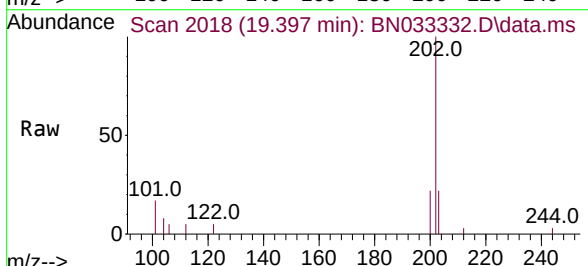
Tgt Ion:202 Resp: 2579

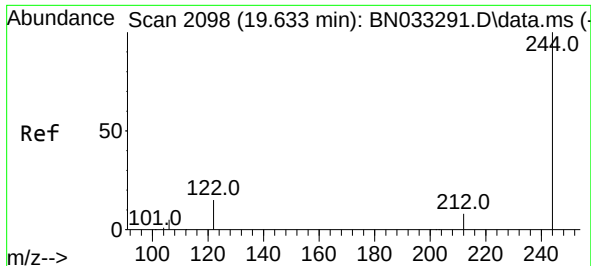
Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

203 20.6 14.2 21.4

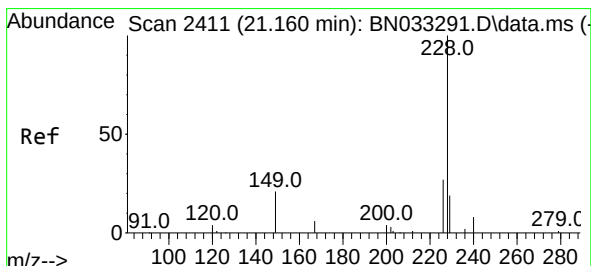
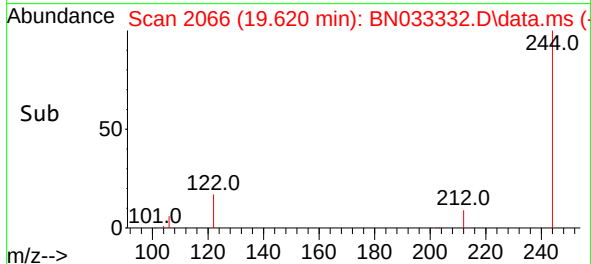
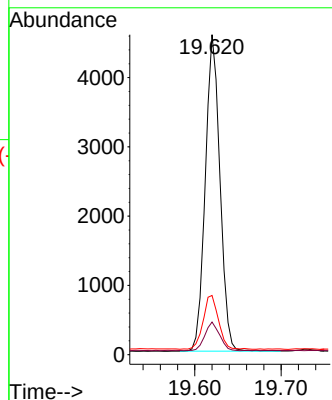
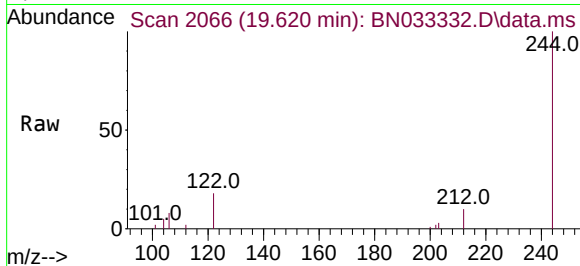




#31
 Terphenyl-d14
 Concen: 0.212 ng
 RT: 19.620 min Scan# 2098
 Delta R.T. -0.013 min
 Lab File: BN033332.D
 Acq: 10 Aug 2024 00:22

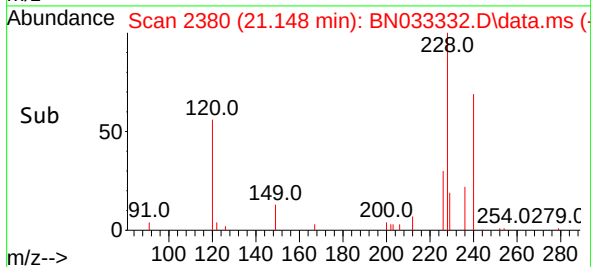
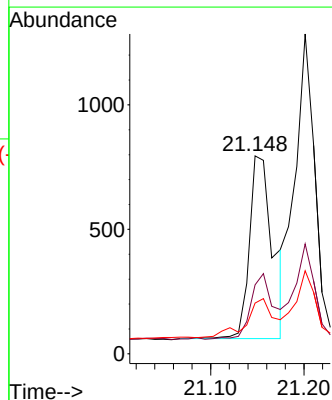
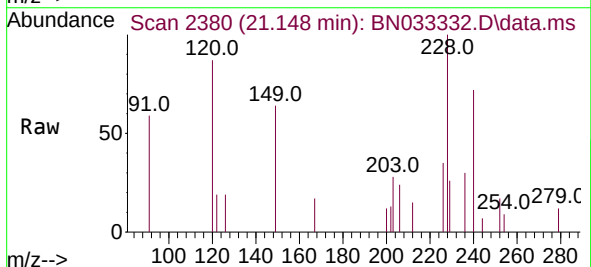
Instrument :
 BNA_N
 ClientSampleId :
 931-K1-SD-0.5-1.0-080724-FD

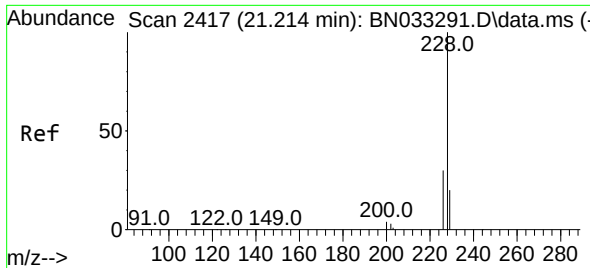
Tgt Ion:244	Resp:	5394	
Ion	Ratio	Lower	Upper
244	100		
212	10.2	7.2	10.8
122	18.5	12.7	19.1



#32
 Benzo(a)anthracene
 Concen: 0.023 ng
 RT: 21.148 min Scan# 2380
 Delta R.T. -0.013 min
 Lab File: BN033332.D
 Acq: 10 Aug 2024 00:22

Tgt Ion:228	Resp:	1292	
Ion	Ratio	Lower	Upper
228	100		
226	34.8	22.1	33.1#
229	25.7	15.6	23.4#





#33

Chrysene

Concen: 0.033 ng

RT: 21.201 min Scan# 21

Delta R.T. -0.013 min

Lab File: BN033332.D

Acq: 10 Aug 2024 00:22

Instrument :

BNA_N

ClientSampleId :

931-K1-SD-0.5-1.0-080724-FD

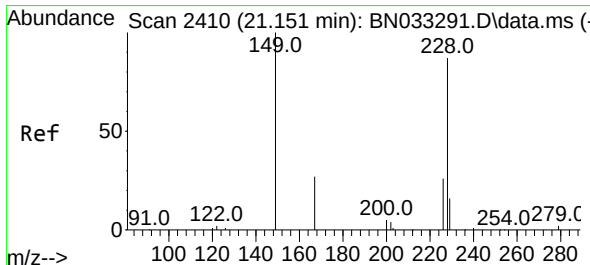
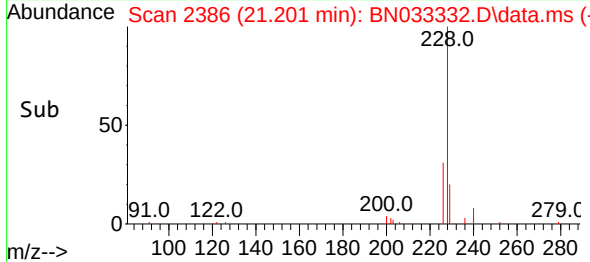
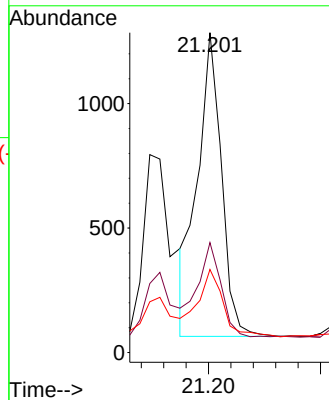
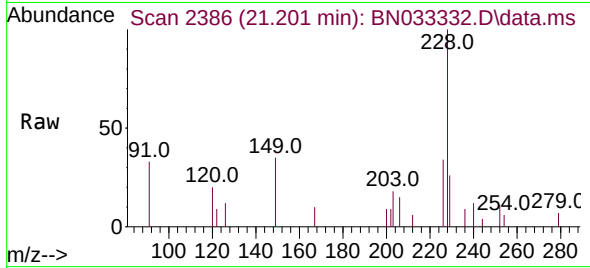
Tgt Ion:228 Resp: 1817

Ion Ratio Lower Upper

228 100

226 34.4 23.8 35.8

229 26.0 15.8 23.8#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.034 ng

RT: 21.130 min Scan# 2378

Delta R.T. -0.022 min

Lab File: BN033332.D

Acq: 10 Aug 2024 00:22

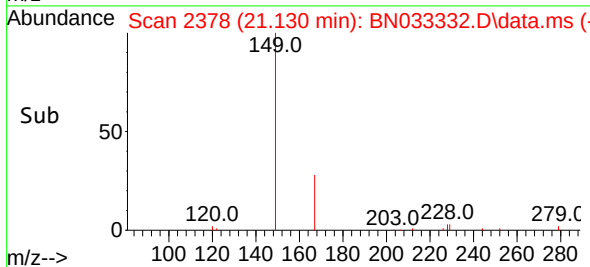
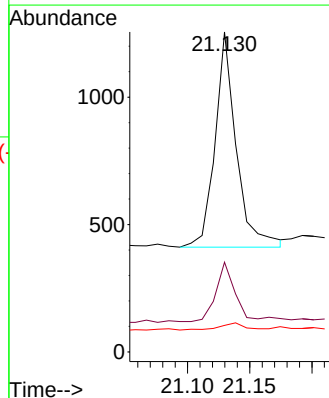
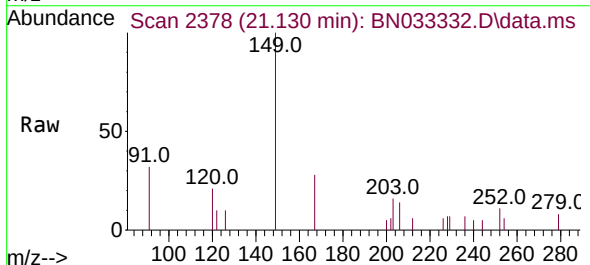
Tgt Ion:149 Resp: 1002

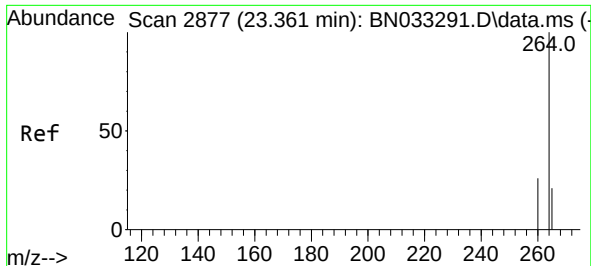
Ion Ratio Lower Upper

149 100

167 26.4 21.6 32.4

279 3.8 2.6 4.0

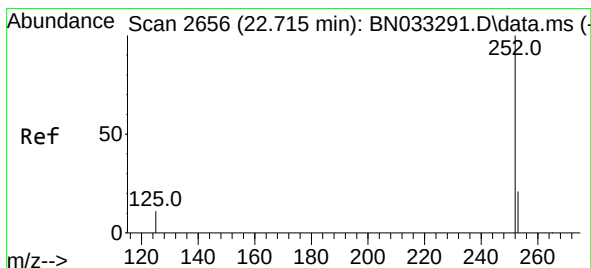
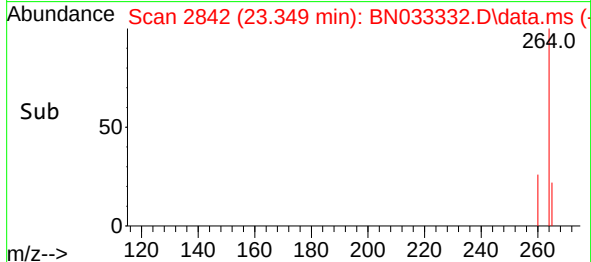
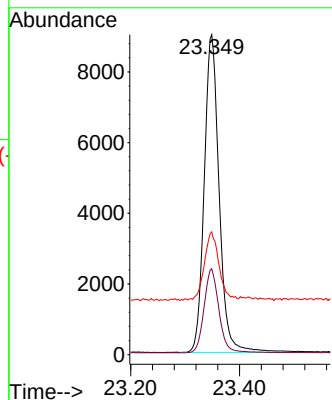
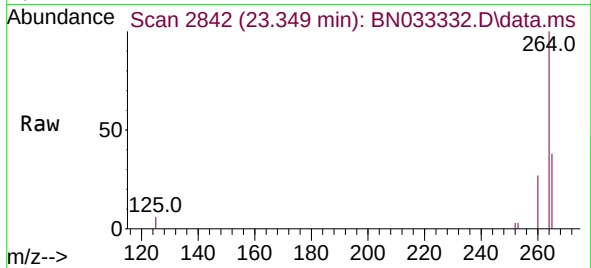




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.349 min Scan# 21
Delta R.T. -0.012 min
Lab File: BN033332.D
Acq: 10 Aug 2024 00:22

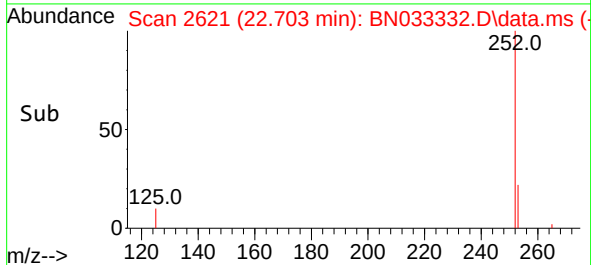
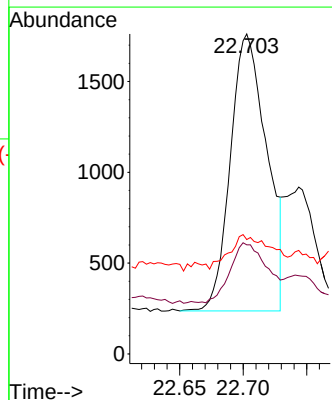
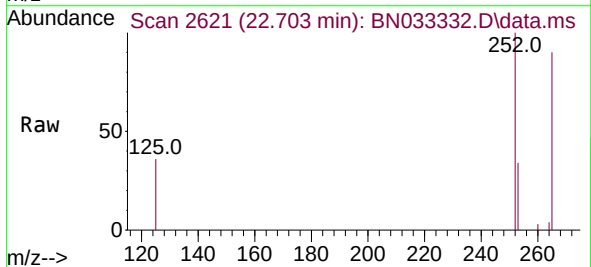
Instrument :
BNA_N
ClientSampleId :
931-K1-SD-0.5-1.0-080724-FD

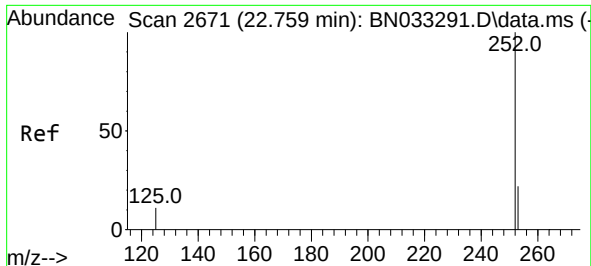
Tgt Ion:264 Resp: 17088
Ion Ratio Lower Upper
264 100
260 26.9 21.4 32.0
265 38.4 22.4 33.6#



#37
Benzo(b)fluoranthene
Concen: 0.048 ng
RT: 22.703 min Scan# 2621
Delta R.T. -0.012 min
Lab File: BN033332.D
Acq: 10 Aug 2024 00:22

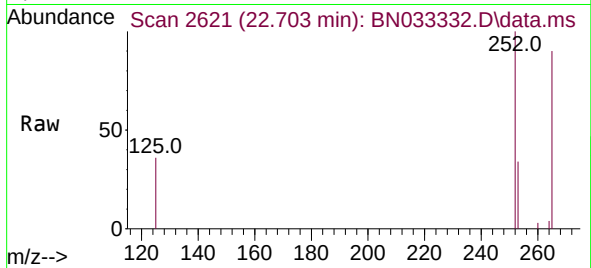
Tgt Ion:252 Resp: 3033
Ion Ratio Lower Upper
252 100
253 34.1 17.8 26.6#
125 35.8 10.0 15.0#



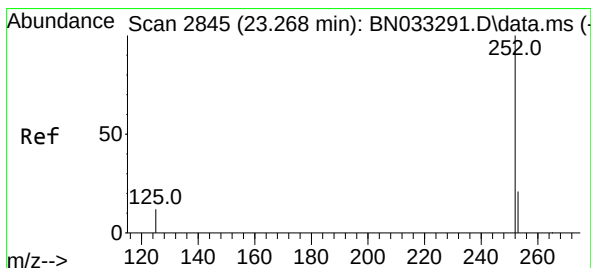
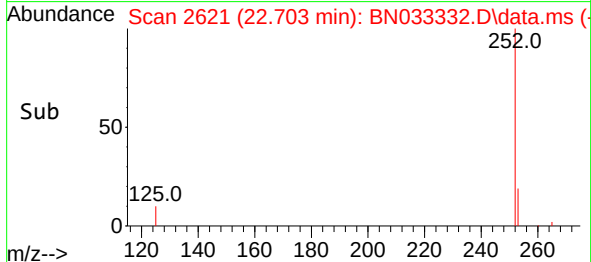
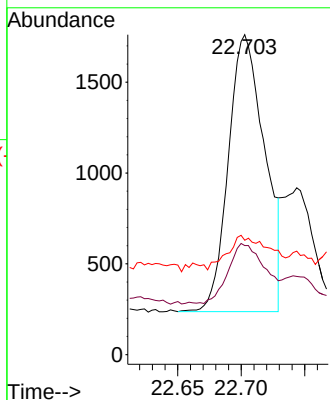


#38
Benzo(k)fluoranthene
Concen: 0.049 ng
RT: 22.703 min Scan# 210
Delta R.T. -0.056 min
Lab File: BN033332.D
Acq: 10 Aug 2024 00:22

Instrument :
BNA_N
ClientSampleId :
931-K1-SD-0.5-1.0-080724-FD

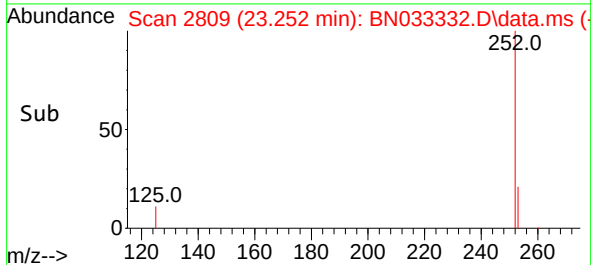
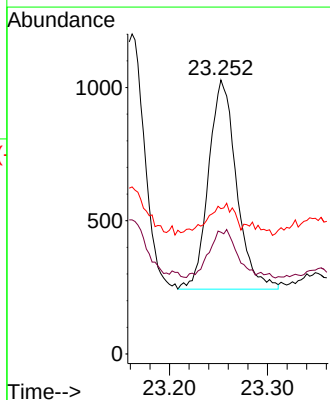
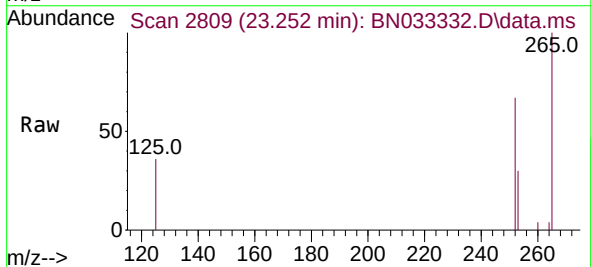


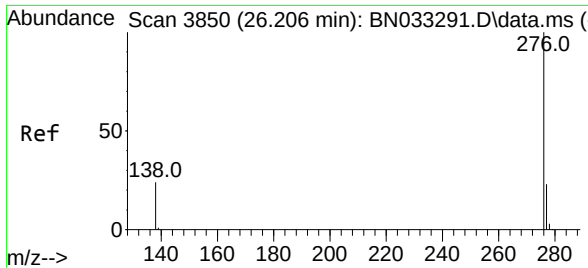
Tgt Ion:252 Resp: 3033
Ion Ratio Lower Upper
252 100
253 34.1 18.3 27.5#
125 35.8 10.2 15.4#



#39
Benzo(a)pyrene
Concen: 0.028 ng
RT: 23.252 min Scan# 2809
Delta R.T. -0.015 min
Lab File: BN033332.D
Acq: 10 Aug 2024 00:22

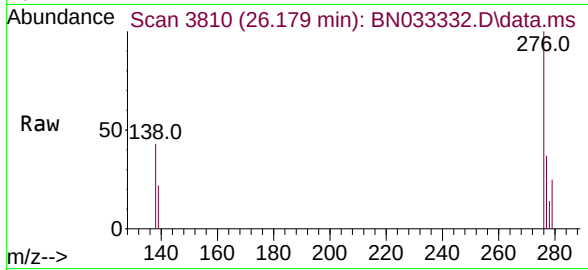
Tgt Ion:252 Resp: 1559
Ion Ratio Lower Upper
252 100
253 44.5 18.2 27.4#
125 53.0 11.4 17.2#





#41
 Benzo(g,h,i)perylene
 Concen: 0.027 ng
 RT: 26.179 min Scan# 3810
 Delta R.T. -0.027 min
 Lab File: BN033332.D
 Acq: 10 Aug 2024 00:22

Instrument :
 BNA_N
 ClientSampleId :
 931-K1-SD-0.5-1.0-080724-FD



Tgt Ion: 276 Resp: 1712

Ion	Ratio	Lower	Upper
276	100		
277	37.3	19.0	28.4#
138	43.3	20.8	31.2#

