

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
 Data File : BN033537.D
 Acq On : 21 Aug 2024 11:16
 Operator : MA/JU
 Sample : P3643-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 917-J-SD-0.5-1-081524

Quant Time: Aug 21 12:56:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 23:32:18 2024
 Response via : Initial Calibration

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

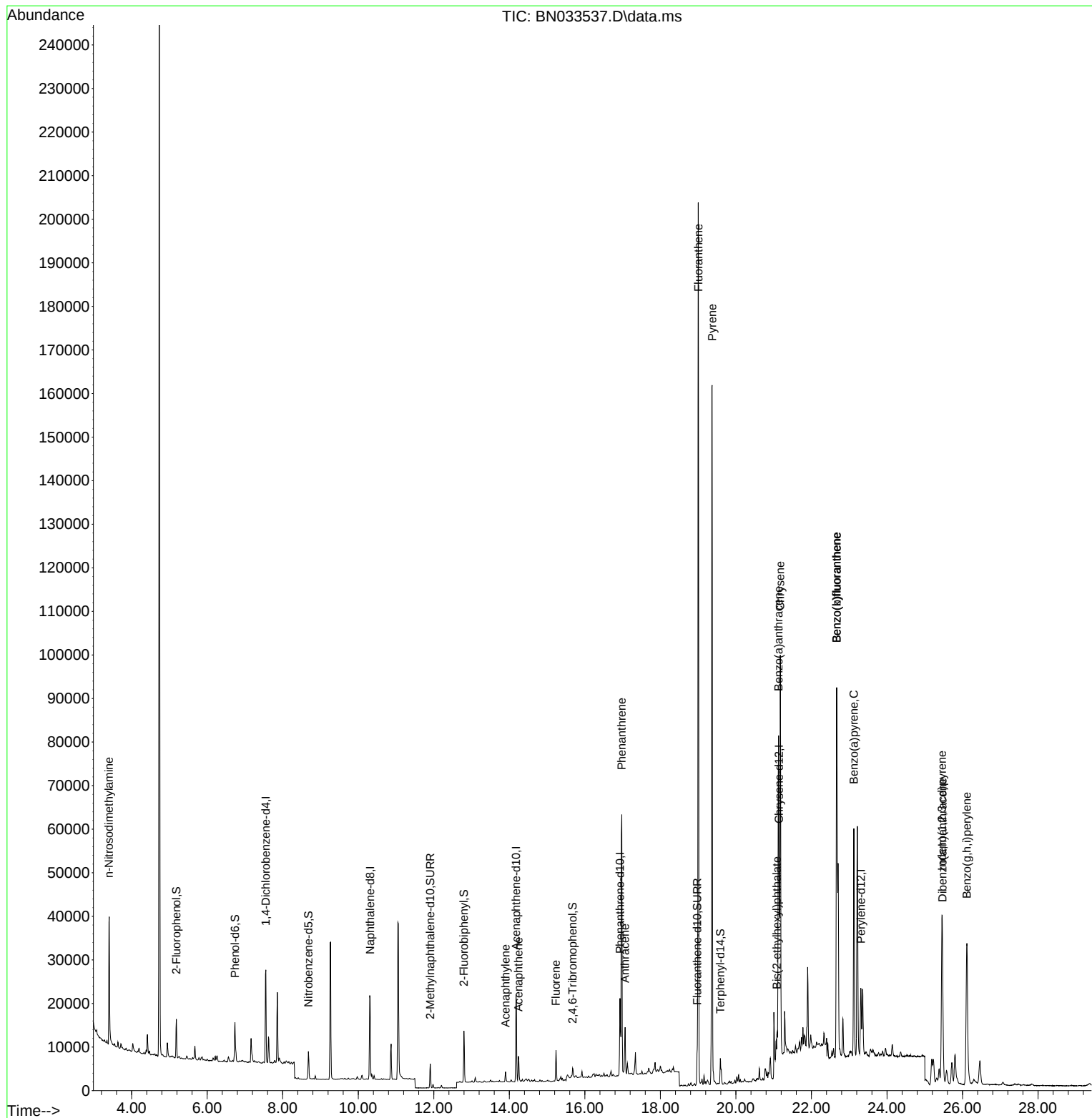
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	10023	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	26186	0.400	ng	# 0.00
13) Acenaphthene-d10	14.178	164	12012	0.400	ng	-0.01
19) Phenanthrene-d10	16.929	188	22511	0.400	ng	#-0.01
29) Chrysene-d12	21.139	240	17781	0.400	ng	# 0.00
35) Perylene-d12	23.309	264	19256	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	6395	0.201	ng	0.00
5) Phenol-d6	6.736	99	7706	0.203	ng	0.00
8) Nitrobenzene-d5	8.681	82	4729	0.218	ng	-0.01
11) 2-Methylnaphthalene-d10	11.907	152	7208	0.192	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	955	0.148	ng	-0.01
15) 2-Fluorobiphenyl	12.799	172	9630	0.196	ng	-0.01
27) Fluoranthene-d10	18.975	212	8231	0.152	ng	0.00
31) Terphenyl-d14	19.588	244	5034	0.125	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.399	42	4462	0.333	ng	# 1
16) Acenaphthylene	13.900	152	2674	0.051	ng	98
17) Acenaphthene	14.242	154	2897	0.078	ng	98
18) Fluorene	15.236	166	4517	0.097	ng	95
25) Phenanthrene	16.979	178	69436	1.109	ng	100
26) Anthracene	17.066	178	10479	0.189	ng	95
28) Fluoranthene	19.003	202	174499	2.521	ng	100
30) Pyrene	19.370	202	141574	1.784	ng	# 96
32) Benzo(a)anthracene	21.130	228	63038	0.981	ng	97
33) Chrysene	21.175	228	84487	1.322	ng	98
34) Bis(2-ethylhexyl)phtha...	21.086	149	5630	0.138	ng	# 52
36) Indeno(1,2,3-cd)pyrene	25.458	276	60528	0.757	ng	95
37) Benzo(b)fluoranthene	22.668	252	123989	1.724	ng	95
38) Benzo(k)fluoranthene	22.668	252	123989	1.752	ng	# 93
39) Benzo(a)pyrene	23.124	252	62534	1.051	ng	96
40) Dibenzo(a,h)anthracene	25.472	278	12471	0.195	ng	92
41) Benzo(g,h,i)perylene	26.115	276	62519	0.915	ng	100

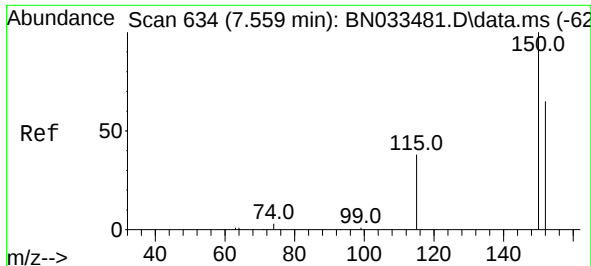
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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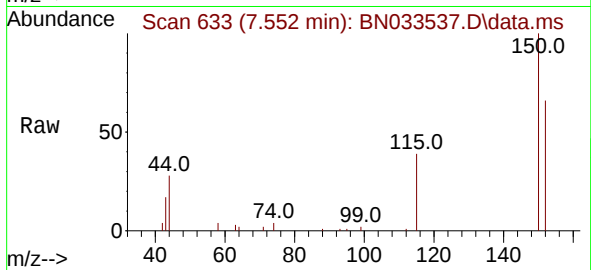
Quant Time: Aug 21 12:56:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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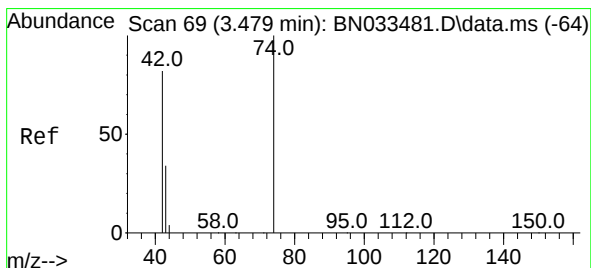
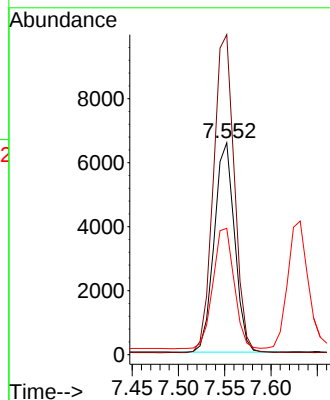
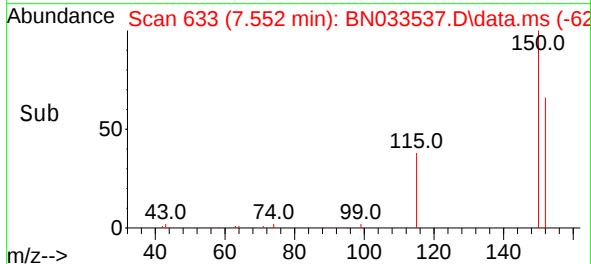


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.552 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN033537.D
Acq: 21 Aug 2024 11:16

Instrument :
BNA_N
ClientSampleId :
917-J-SD-0.5-1-081524

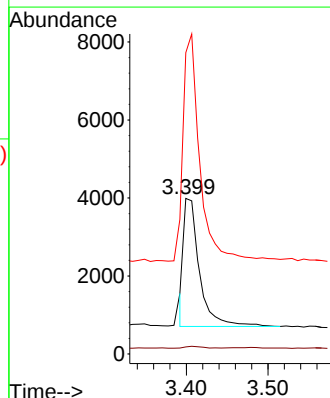
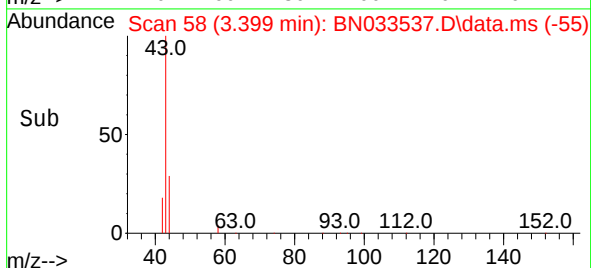
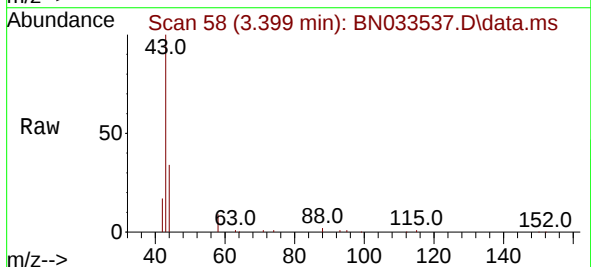


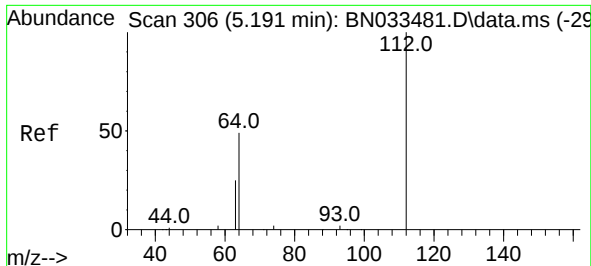
Tgt Ion:152 Resp: 10023
Ion Ratio Lower Upper
152 100
150 151.1 122.2 183.2
115 59.7 47.2 70.8



#3
n-Nitrosodimethylamine
Concen: 0.333 ng
RT: 3.399 min Scan# 58
Delta R.T. -0.080 min
Lab File: BN033537.D
Acq: 21 Aug 2024 11:16

Tgt Ion: 42 Resp: 4462
Ion Ratio Lower Upper
42 100
74 1.4 100.2 150.2#
44 175.5 5.3 7.9#

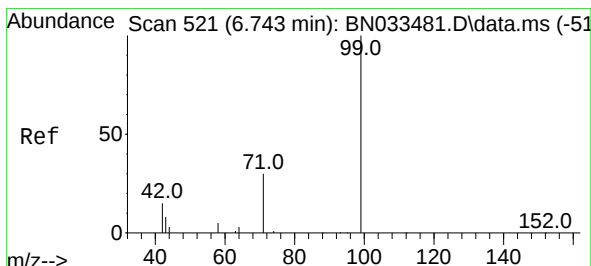
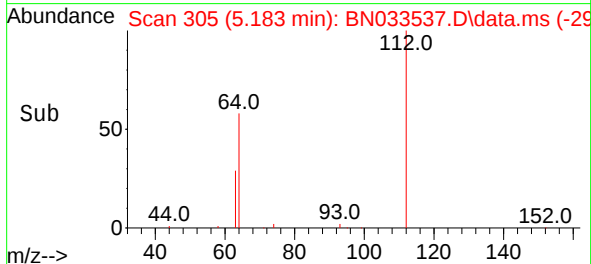
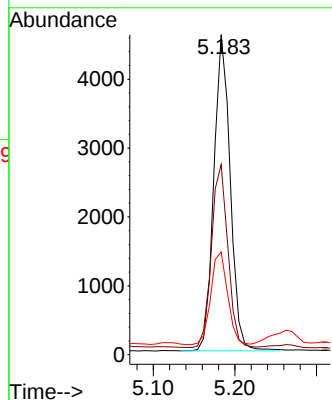
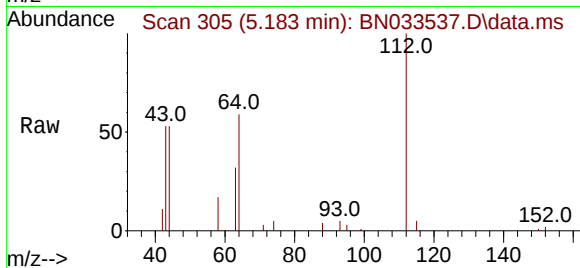




#4
2-Fluorophenol
Concen: 0.201 ng
RT: 5.183 min Scan# 306
Delta R.T. -0.007 min
Lab File: BN033537.D
Acq: 21 Aug 2024 11:16

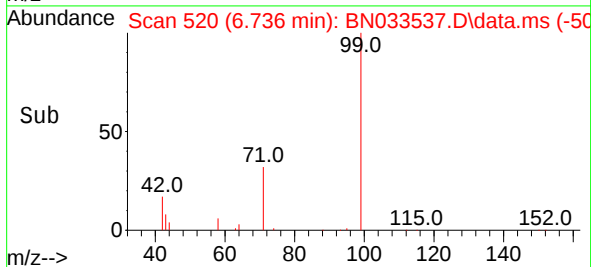
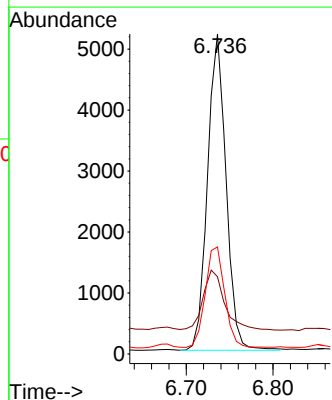
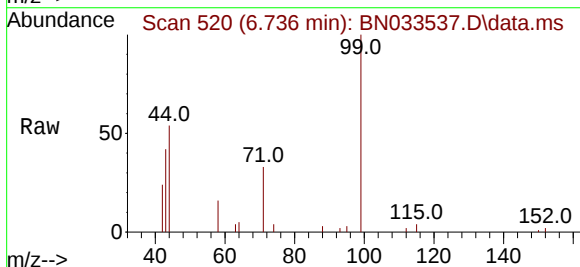
Instrument :
BNA_N
ClientSampleId :
917-J-SD-0.5-1-081524

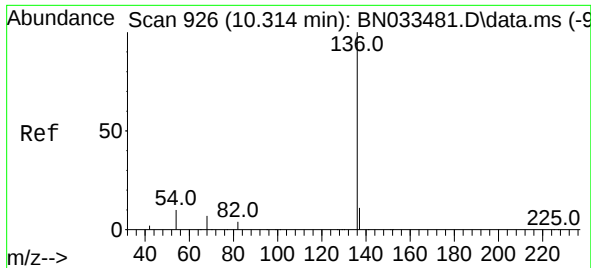
Tgt Ion:	112	Resp:	6395
Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.1	70.7
63	30.1	24.9	37.3



#5
Phenol-d6
Concen: 0.203 ng
RT: 6.736 min Scan# 520
Delta R.T. -0.007 min
Lab File: BN033537.D
Acq: 21 Aug 2024 11:16

Tgt Ion:	99	Resp:	7706
Ion	Ratio	Lower	Upper
99	100		
42	21.9	16.6	24.8
71	33.3	26.2	39.4

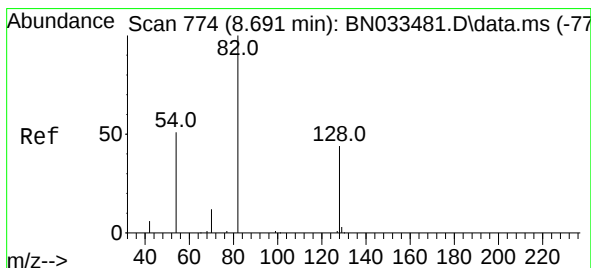
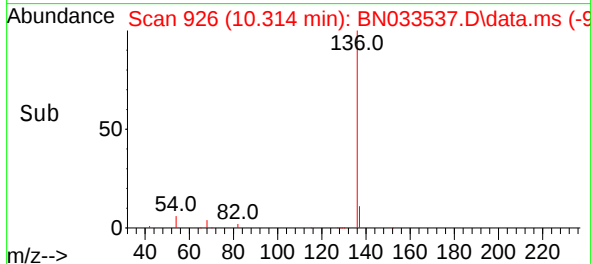
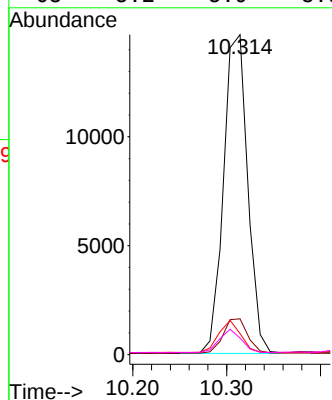
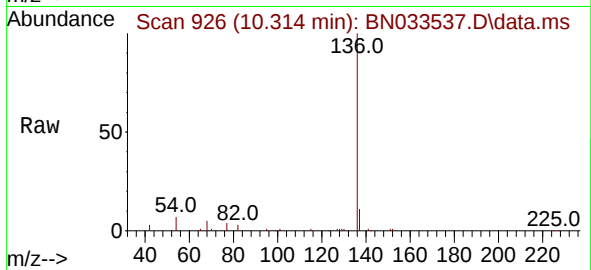




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN033537.D
Acq: 21 Aug 2024 11:16

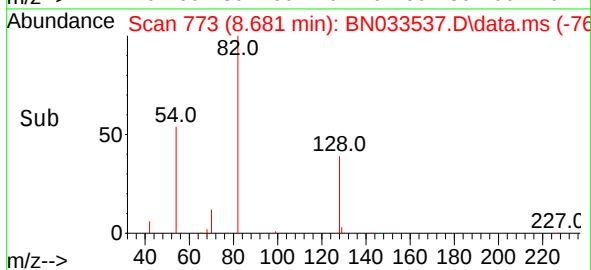
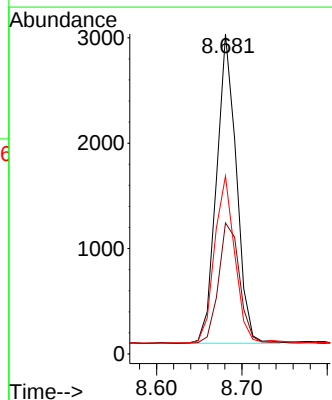
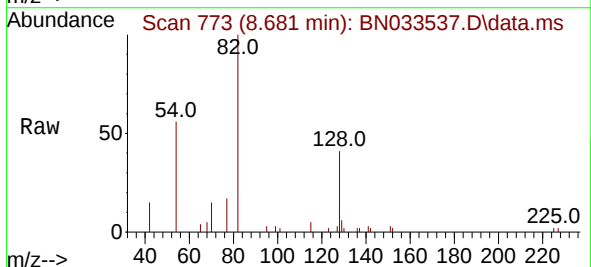
Instrument :
BNA_N
ClientSampleId :
917-J-SD-0.5-1-081524

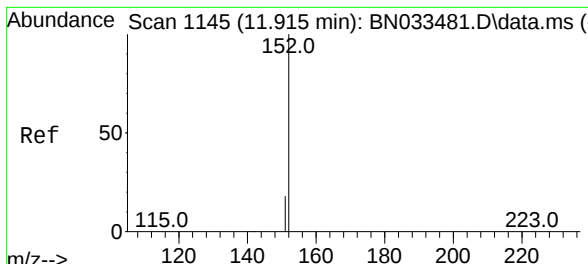
Tgt Ion:	136	Resp:	26186
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.6
54	6.6	8.3	12.5#
68	5.2	5.9	8.9#



#8
Nitrobenzene-d5
Concen: 0.218 ng
RT: 8.681 min Scan# 773
Delta R.T. -0.011 min
Lab File: BN033537.D
Acq: 21 Aug 2024 11:16

Tgt Ion:	82	Resp:	4729
Ion Ratio	Lower	Upper	
82	100		
128	41.0	36.0	54.0
54	55.6	42.0	63.0

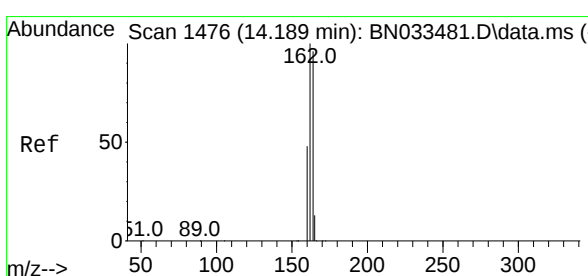
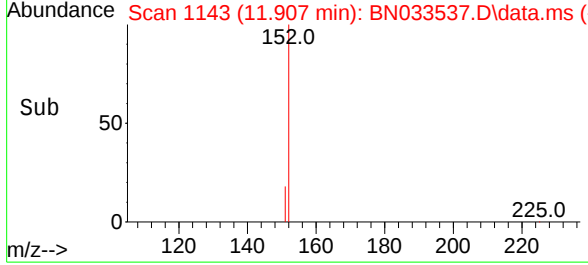
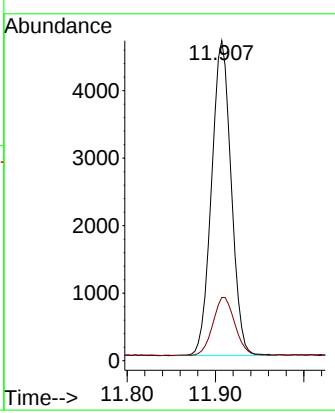
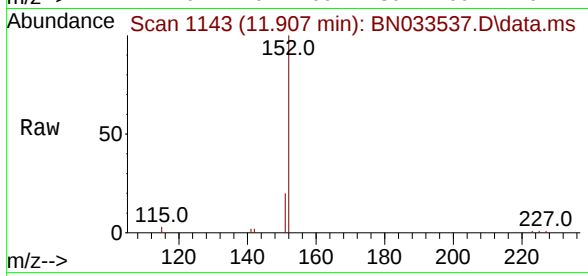




#11
 2-Methylnaphthalene-d10
 Concen: 0.192 ng
 RT: 11.907 min Scan# 1143
 Delta R.T. -0.008 min
 Lab File: BN033537.D
 Acq: 21 Aug 2024 11:16

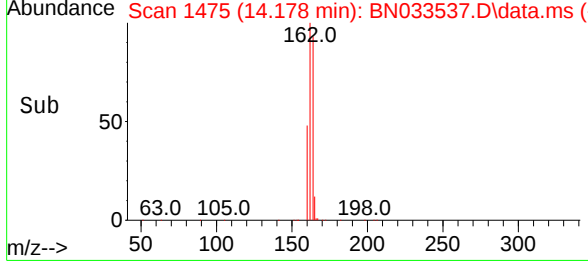
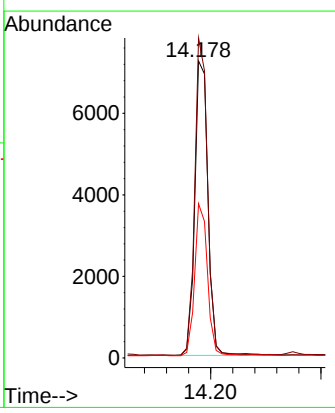
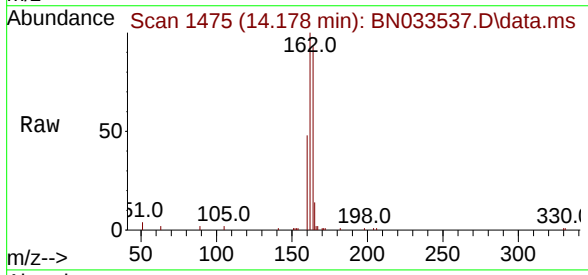
Instrument : BNA_N
 ClientSampleId : 917-J-SD-0.5-1-081524

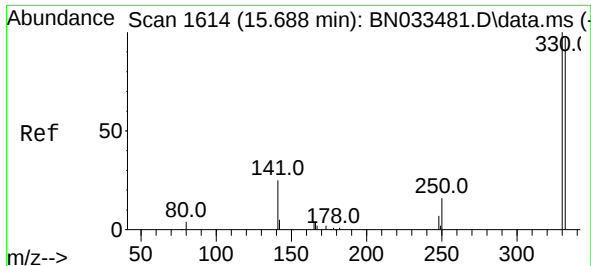
Tgt Ion:	152	Resp:	7208
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.6	25.0



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.178 min Scan# 1475
 Delta R.T. -0.011 min
 Lab File: BN033537.D
 Acq: 21 Aug 2024 11:16

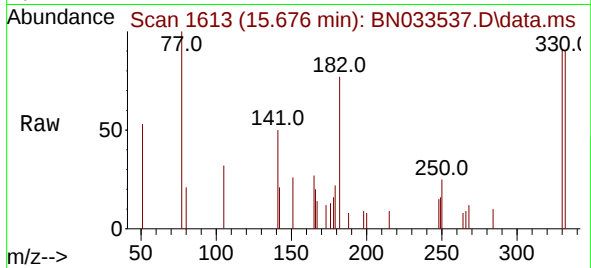
Tgt Ion:	164	Resp:	12012
Ion Ratio	Lower	Upper	
164	100		
162	107.7	83.5	125.3
160	52.0	40.2	60.4



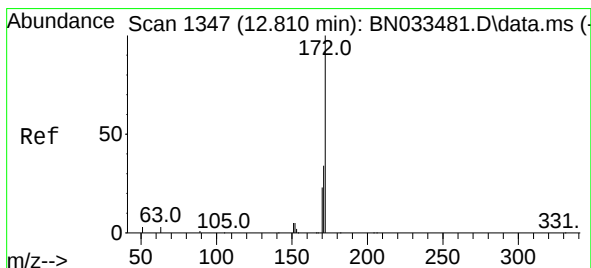
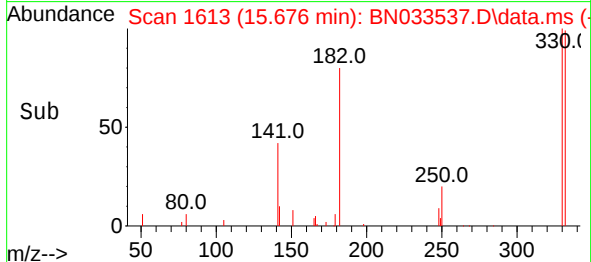
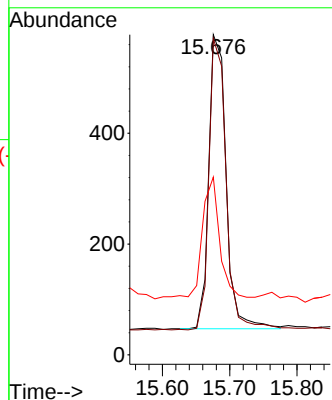


#14
2,4,6-Tribromophenol
Concen: 0.148 ng
RT: 15.676 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN033537.D
Acq: 21 Aug 2024 11:16

Instrument :
BNA_N
ClientSampleId :
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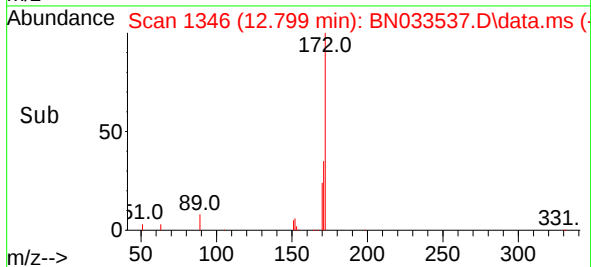
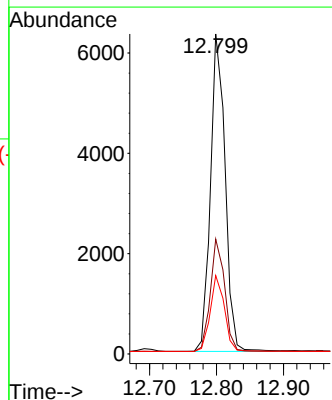
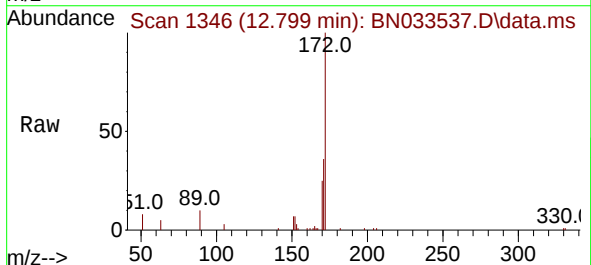


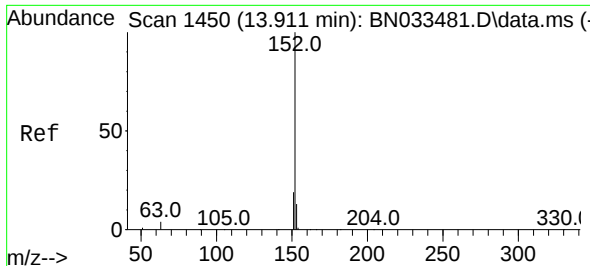
Tgt Ion:330 Resp: 955
Ion Ratio Lower Upper
330 100
332 98.2 77.5 116.3
141 39.3 33.9 50.9



#15
2-Fluorobiphenyl
Concen: 0.196 ng
RT: 12.799 min Scan# 1346
Delta R.T. -0.011 min
Lab File: BN033537.D
Acq: 21 Aug 2024 11:16

Tgt Ion:172 Resp: 9630
Ion Ratio Lower Upper
172 100
171 35.9 27.7 41.5
170 24.5 18.3 27.5

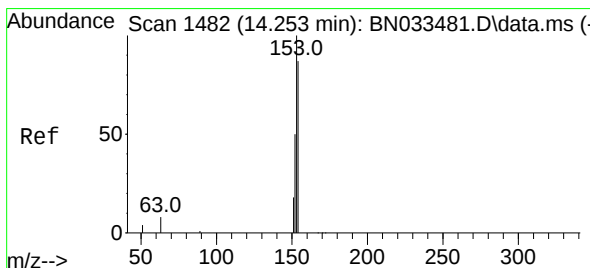
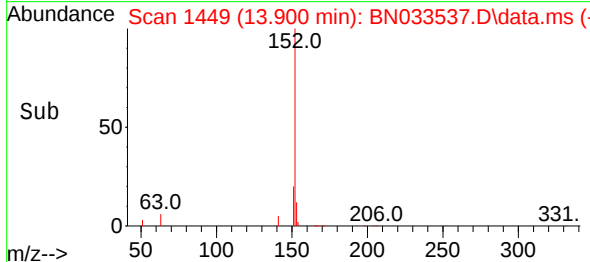
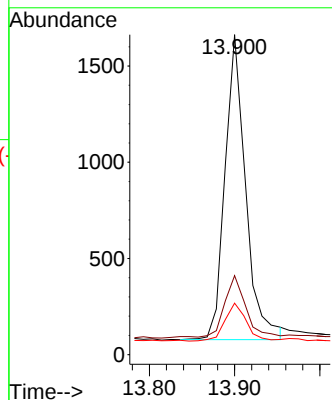
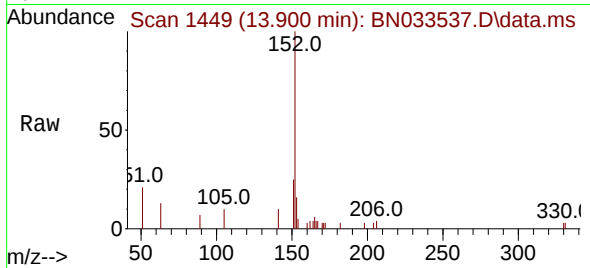




#16
Acenaphthylene
Concen: 0.051 ng
RT: 13.900 min Scan# 1449
Delta R.T. -0.011 min
Lab File: BN033537.D
Acq: 21 Aug 2024 11:16

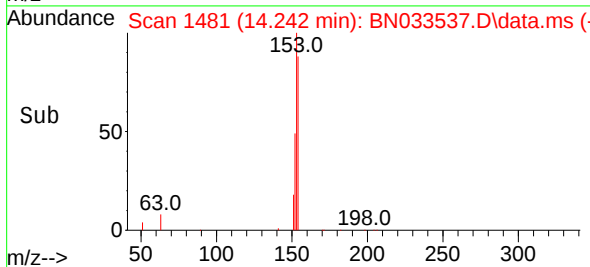
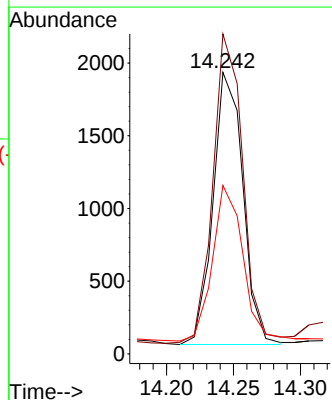
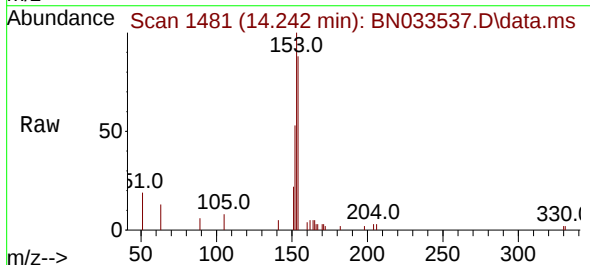
Instrument :
BNA_N
ClientSampleId :
917-J-SD-0.5-1-081524

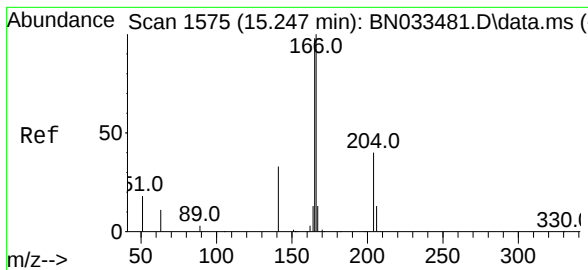
Tgt Ion:152 Resp: 2674
Ion Ratio Lower Upper
152 100
151 20.7 15.7 23.5
153 12.7 10.3 15.5



#17
Acenaphthene
Concen: 0.078 ng
RT: 14.242 min Scan# 1481
Delta R.T. -0.011 min
Lab File: BN033537.D
Acq: 21 Aug 2024 11:16

Tgt Ion:154 Resp: 2897
Ion Ratio Lower Upper
154 100
153 113.5 89.0 133.6
152 58.1 45.2 67.8





#18

Fluorene

Concen: 0.097 ng

RT: 15.236 min Scan# 1574

Delta R.T. -0.011 min

Lab File: BN033537.D

Acq: 21 Aug 2024 11:16

Instrument :

BNA_N

ClientSampleId :

917-J-SD-0.5-1-081524

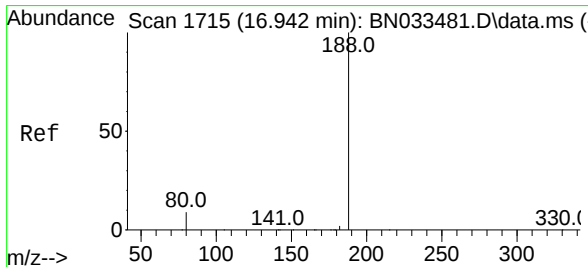
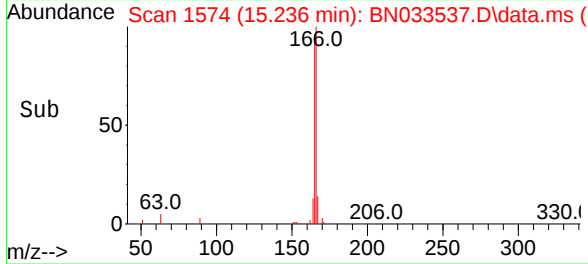
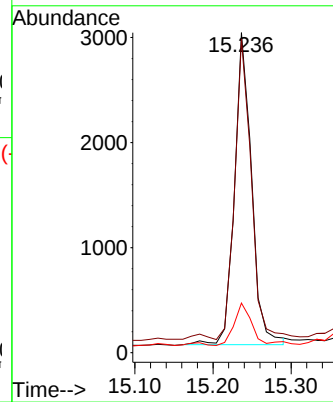
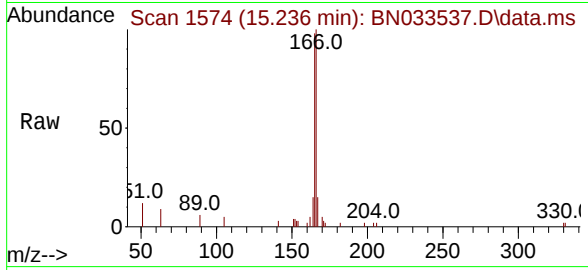
Tgt Ion:166 Resp: 4517

Ion Ratio Lower Upper

166 100

165 92.9 78.2 117.4

167 14.0 10.6 16.0



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.929 min Scan# 1714

Delta R.T. -0.012 min

Lab File: BN033537.D

Acq: 21 Aug 2024 11:16

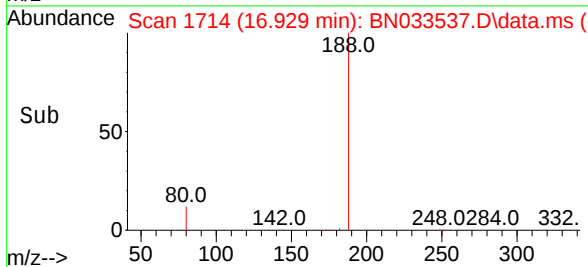
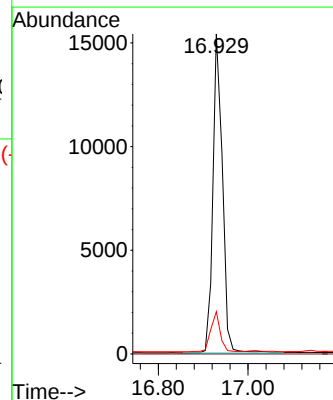
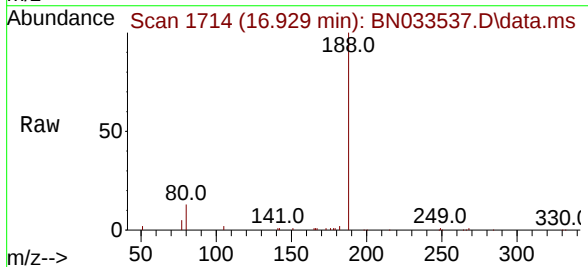
Tgt Ion:188 Resp: 22511

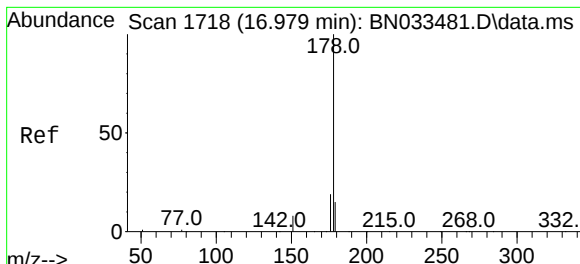
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.2 7.8 11.8#



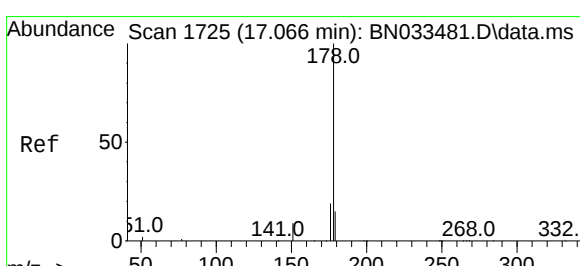
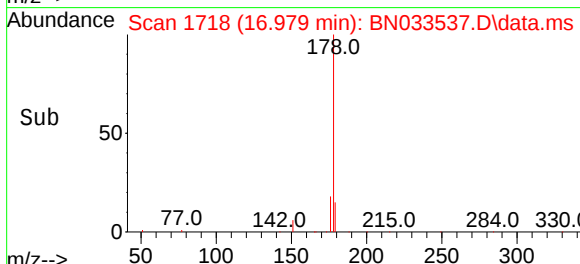
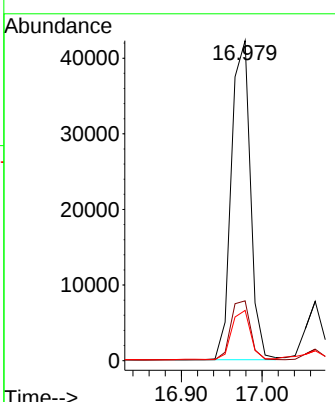
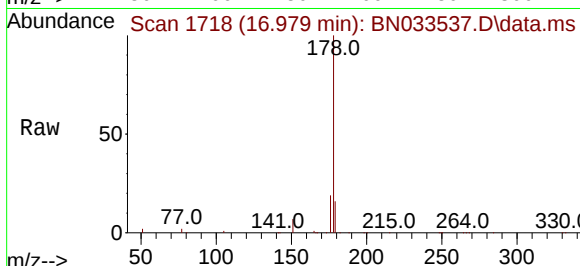


#25
 Phenanthrene
 Concen: 1.109 ng
 RT: 16.979 min Scan# 1718
 Delta R.T. -0.000 min
 Lab File: BN033537.D
 Acq: 21 Aug 2024 11:16

Instrument : BNA_N
 ClientSampleId : 917-J-SD-0.5-1-081524

Tgt Ion: 178 Resp: 69436

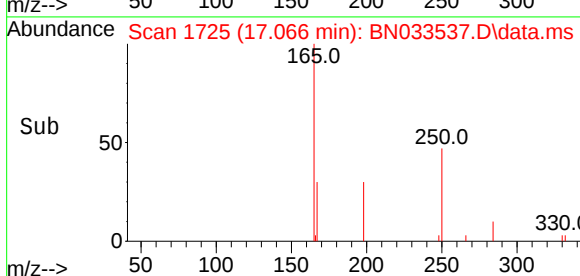
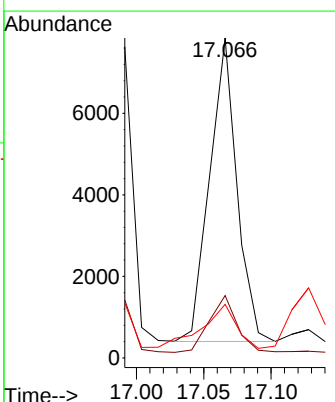
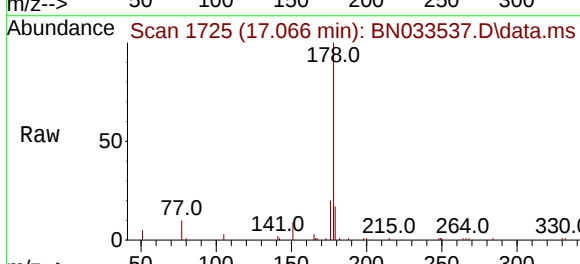
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.4	12.3	18.5

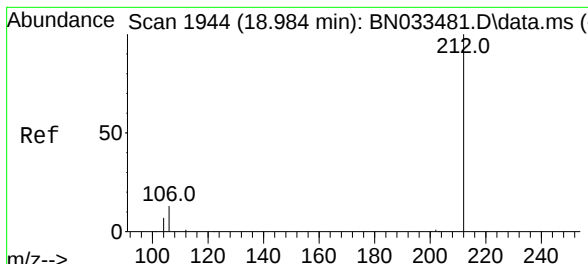


#26
 Anthracene
 Concen: 0.189 ng
 RT: 17.066 min Scan# 1725
 Delta R.T. -0.000 min
 Lab File: BN033537.D
 Acq: 21 Aug 2024 11:16

Tgt Ion: 178 Resp: 10479

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.0	22.6
179	18.3	12.4	18.6





#27

Fluoranthene-d10

Concen: 0.152 ng

RT: 18.975 min Scan# 1942

Delta R.T. -0.009 min

Lab File: BN033537.D

Acq: 21 Aug 2024 11:16

Instrument :

BNA_N

ClientSampleId :

917-J-SD-0.5-1-081524

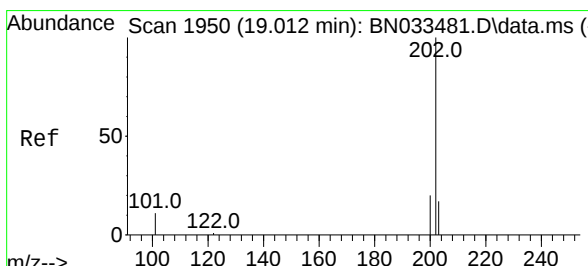
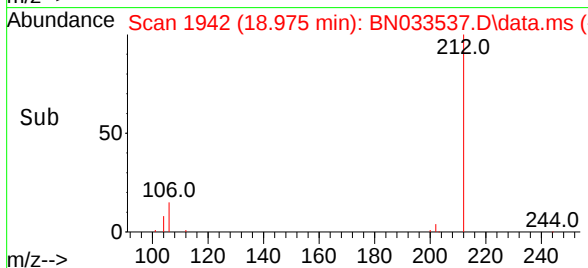
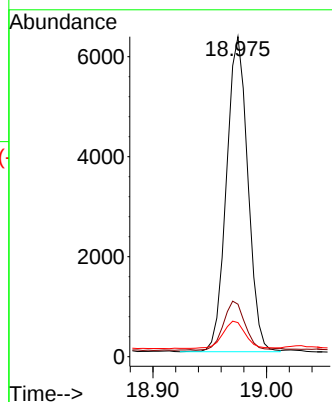
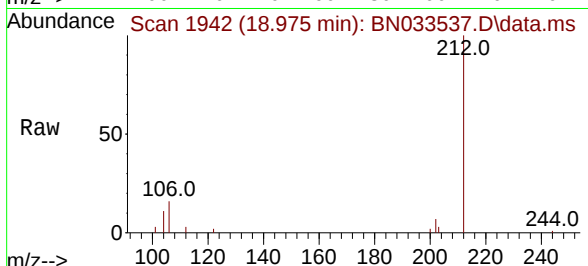
Tgt Ion:212 Resp: 8231

Ion Ratio Lower Upper

212 100

106 15.6 12.3 18.5

104 9.1 7.0 10.4



#28

Fluoranthene

Concen: 2.521 ng

RT: 19.003 min Scan# 1948

Delta R.T. -0.009 min

Lab File: BN033537.D

Acq: 21 Aug 2024 11:16

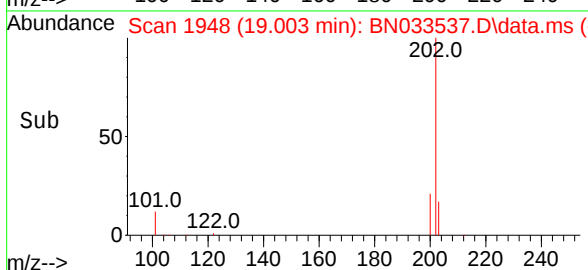
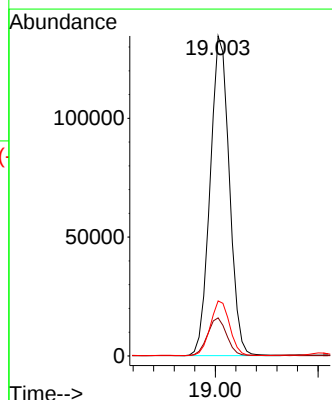
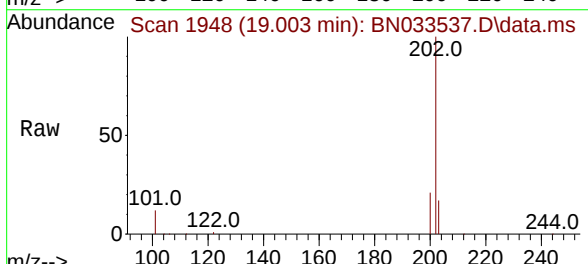
Tgt Ion:202 Resp: 174499

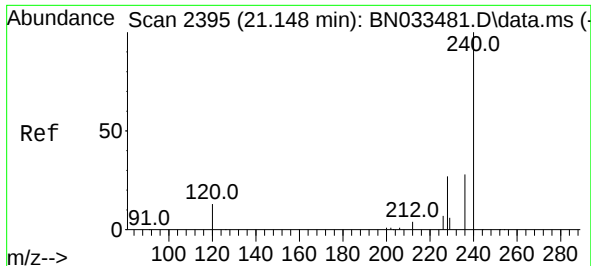
Ion Ratio Lower Upper

202 100

101 11.8 9.5 14.3

203 17.2 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.139 min Scan# 24

Delta R.T. -0.009 min

Lab File: BN033537.D

Acq: 21 Aug 2024 11:16

Instrument :

BNA_N

ClientSampleId :

917-J-SD-0.5-1-081524

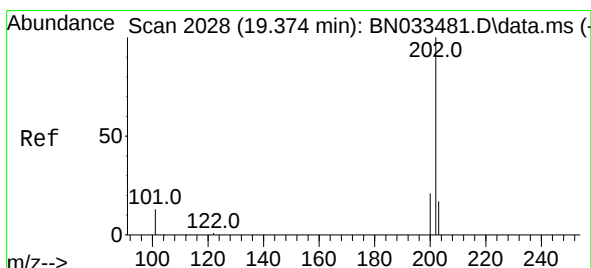
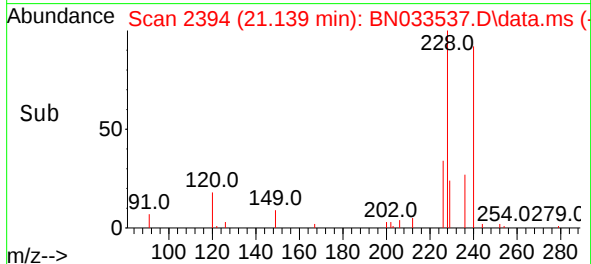
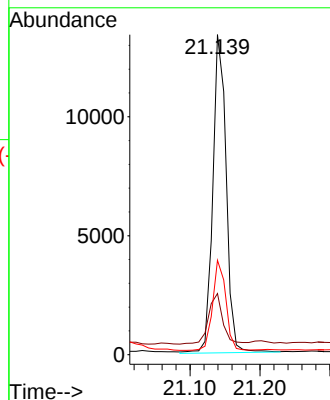
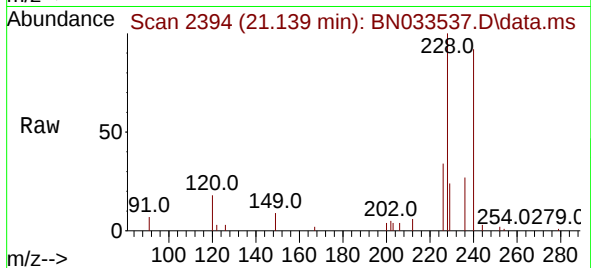
Tgt Ion:240 Resp: 17781

Ion Ratio Lower Upper

240 100

120 19.1 12.4 18.6#

236 29.5 23.0 34.6



#30

Pyrene

Concen: 1.784 ng

RT: 19.370 min Scan# 2027

Delta R.T. -0.005 min

Lab File: BN033537.D

Acq: 21 Aug 2024 11:16

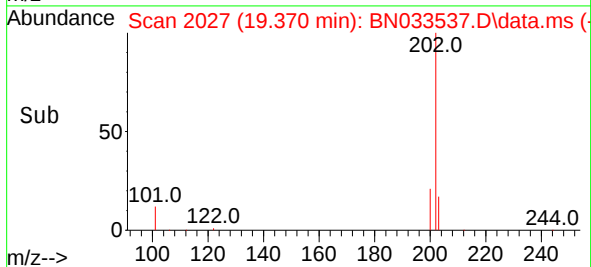
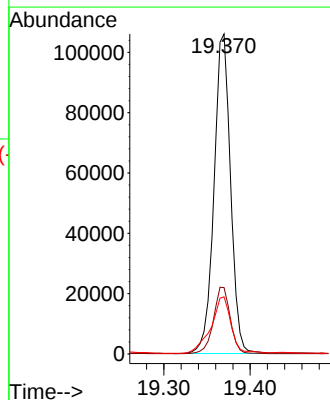
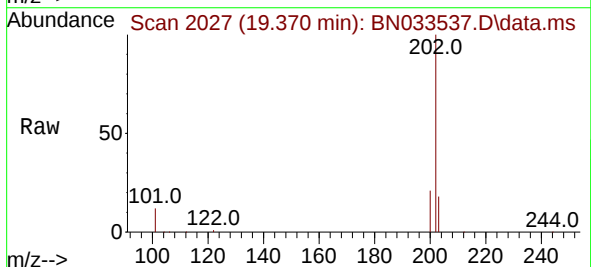
Tgt Ion:202 Resp: 141574

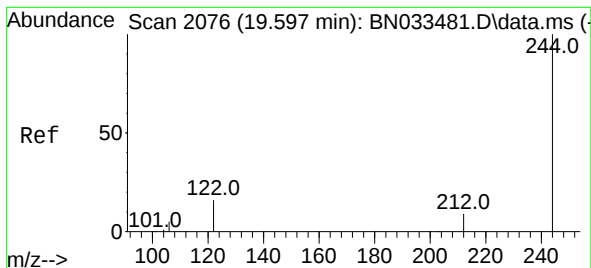
Ion Ratio Lower Upper

202 100

200 21.1 16.6 24.8

203 21.4 14.2 21.4#





#31

Terphenyl-d14

Concen: 0.125 ng

RT: 19.588 min Scan# 2074

Delta R.T. -0.009 min

Lab File: BN033537.D

Acq: 21 Aug 2024 11:16

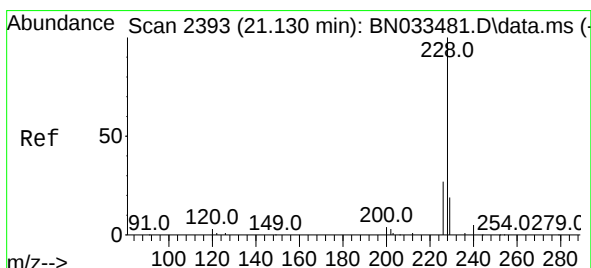
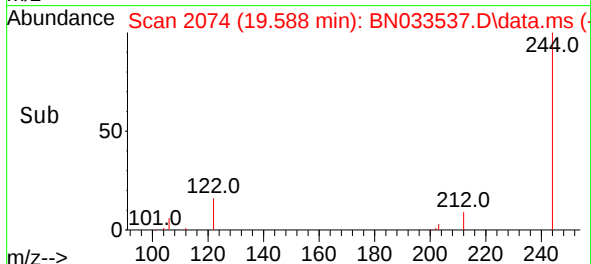
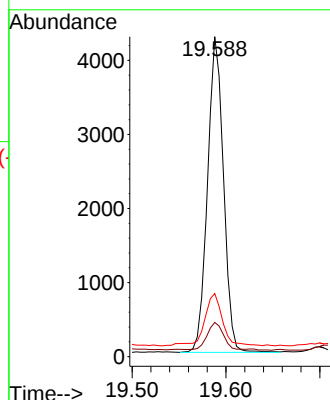
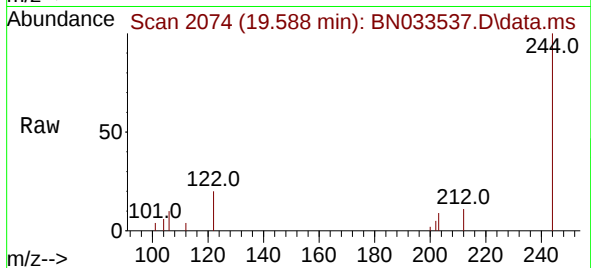
Instrument :

BNA_N

ClientSampleId :

917-J-SD-0.5-1-081524

Tgt Ion:244	Resp:	5034
Ion Ratio	Lower	Upper
244	100	
212	10.7	7.8 11.6
122	19.7	13.3 19.9



#32

Benzo(a)anthracene

Concen: 0.981 ng

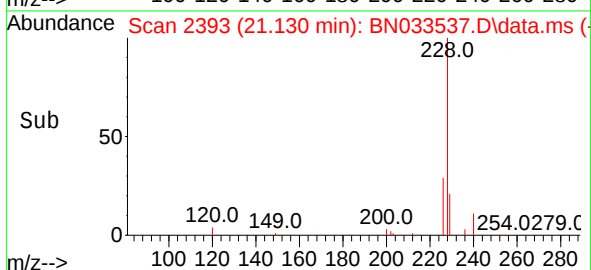
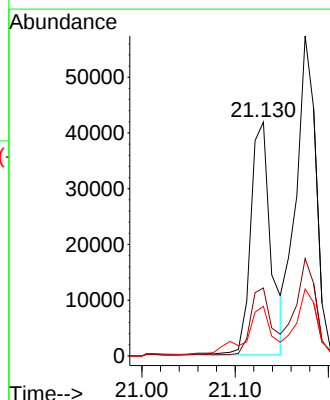
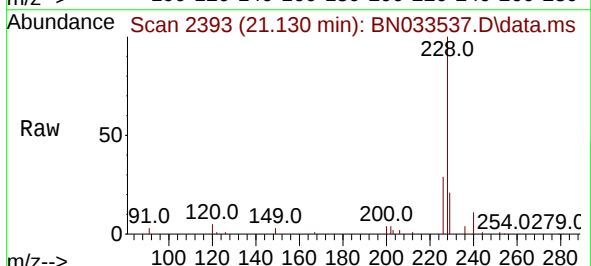
RT: 21.130 min Scan# 2393

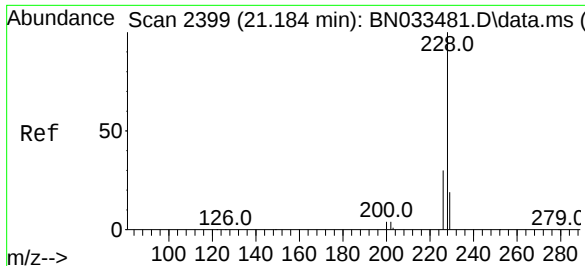
Delta R.T. -0.000 min

Lab File: BN033537.D

Acq: 21 Aug 2024 11:16

Tgt Ion:228	Resp:	63038
Ion Ratio	Lower	Upper
228	100	
226	29.1	21.8 32.6
229	21.2	15.8 23.6





#33

Chrysene

Concen: 1.322 ng

RT: 21.175 min Scan# 24

Delta R.T. -0.009 min

Lab File: BN033537.D

Acq: 21 Aug 2024 11:16

Instrument :

BNA_N

ClientSampleId :

917-J-SD-0.5-1-081524

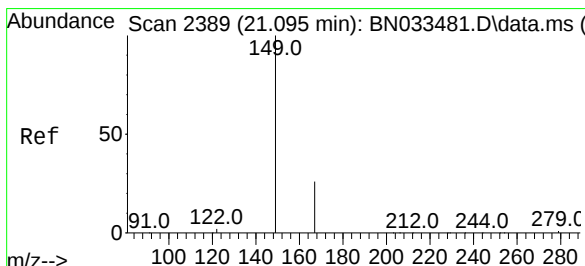
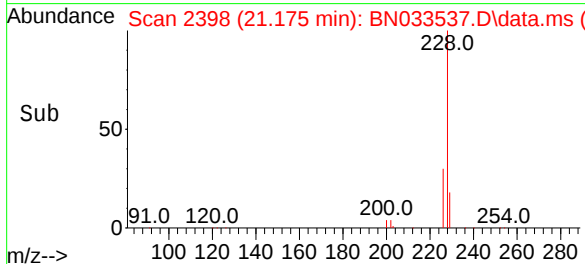
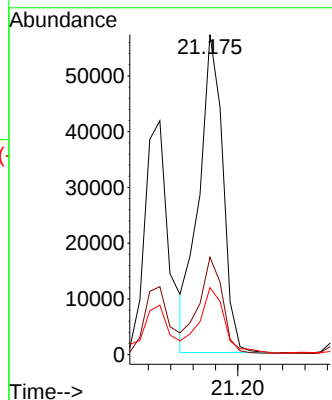
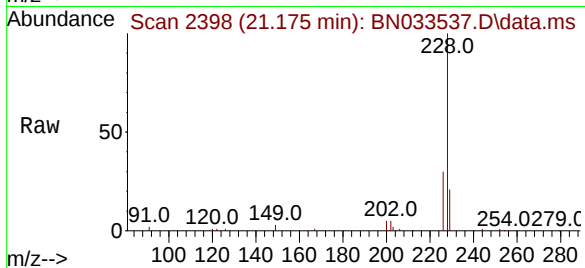
Tgt Ion:228 Resp: 84487

Ion Ratio Lower Upper

228 100

226 30.4 23.8 35.8

229 21.0 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.138 ng

RT: 21.086 min Scan# 2388

Delta R.T. -0.009 min

Lab File: BN033537.D

Acq: 21 Aug 2024 11:16

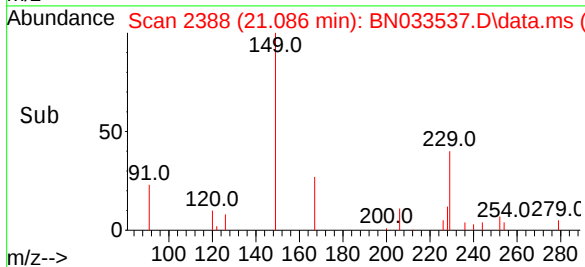
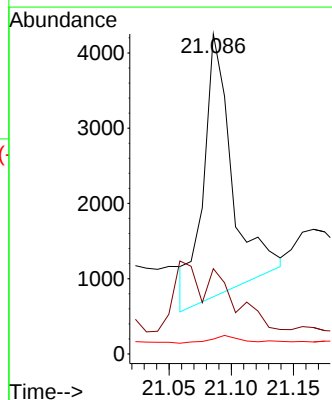
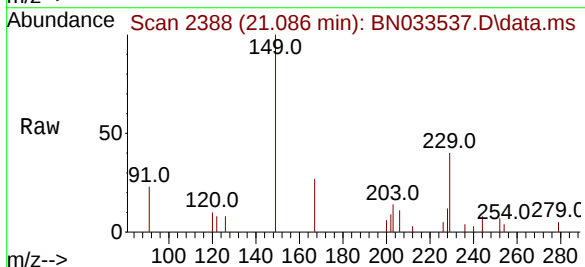
Tgt Ion:149 Resp: 5630

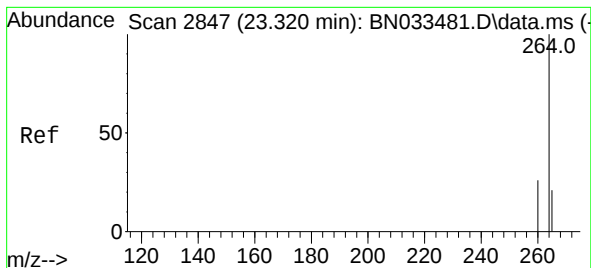
Ion Ratio Lower Upper

149 100

167 0.0 21.5 32.3#

279 3.8 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: BN033537.D

Acq: 21 Aug 2024 11:16

Instrument :

BNA_N

ClientSampleId :

917-J-SD-0.5-1-081524

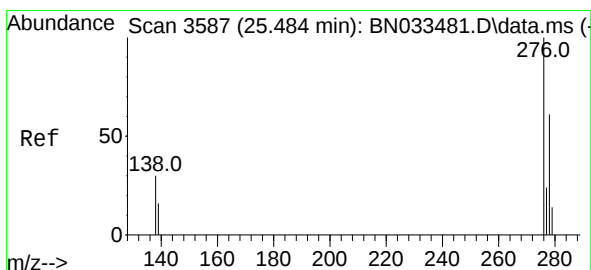
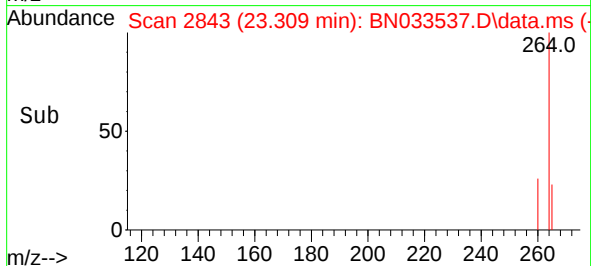
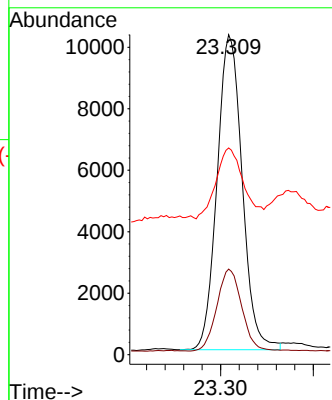
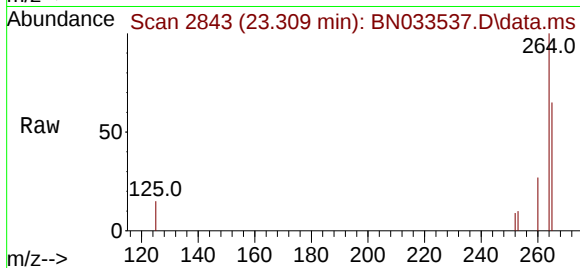
Tgt Ion:264 Resp: 19256

Ion Ratio Lower Upper

264 100

260 26.7 20.8 31.2

265 64.6 52.2 78.2



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.757 ng

RT: 25.458 min Scan# 3578

Delta R.T. -0.026 min

Lab File: BN033537.D

Acq: 21 Aug 2024 11:16

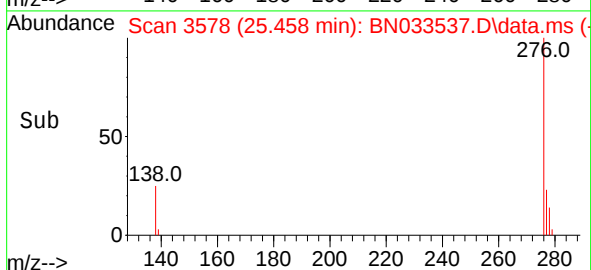
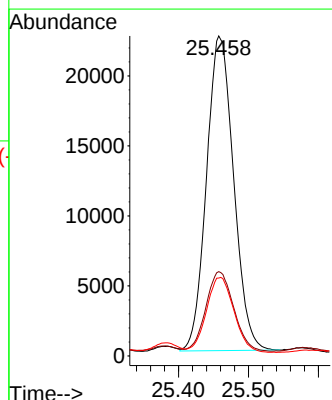
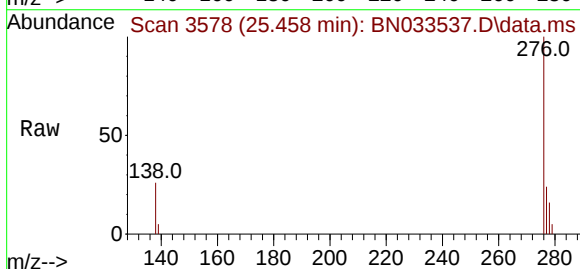
Tgt Ion:276 Resp: 60528

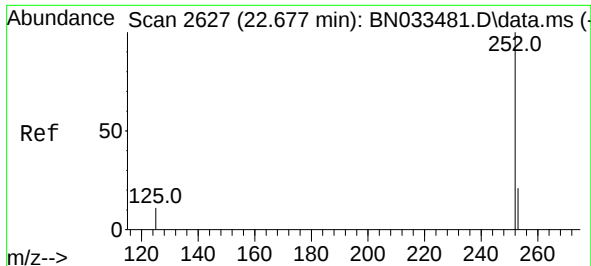
Ion Ratio Lower Upper

276 100

138 25.8 24.4 36.6

277 24.2 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 1.724 ng

RT: 22.668 min Scan# 2624

Delta R.T. -0.009 min

Lab File: BN033537.D

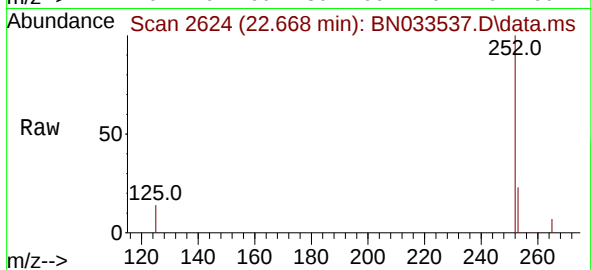
Acq: 21 Aug 2024 11:16

Instrument :

BNA_N

ClientSampleId :

917-J-SD-0.5-1-081524



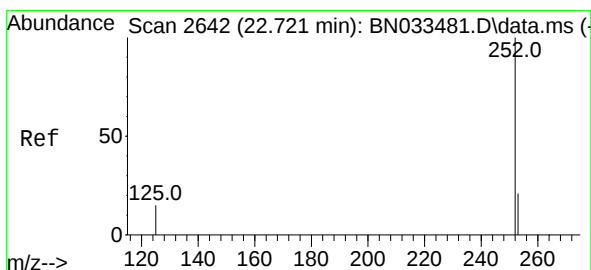
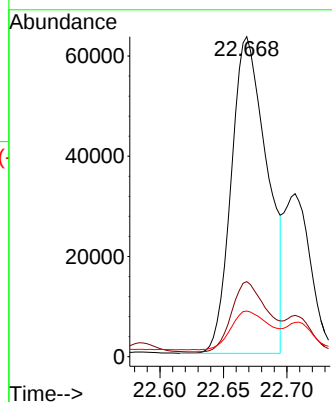
Tgt Ion:252 Resp: 123989

Ion Ratio Lower Upper

252 100

253 23.5 19.8 29.8

125 14.3 13.9 20.9



#38

Benzo(k)fluoranthene

Concen: 1.752 ng

RT: 22.668 min Scan# 2624

Delta R.T. -0.053 min

Lab File: BN033537.D

Acq: 21 Aug 2024 11:16

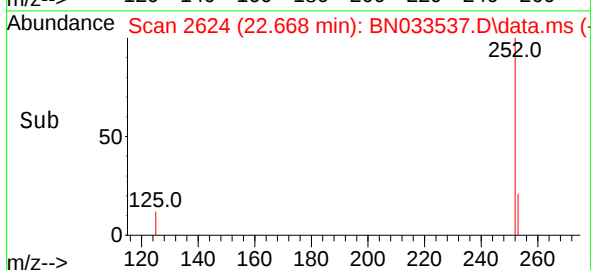
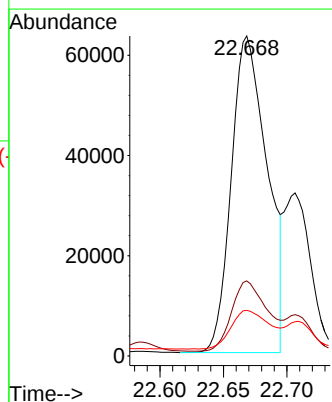
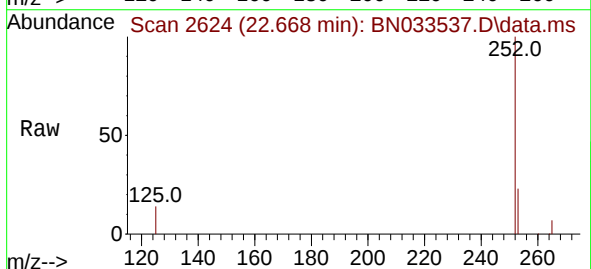
Tgt Ion:252 Resp: 123989

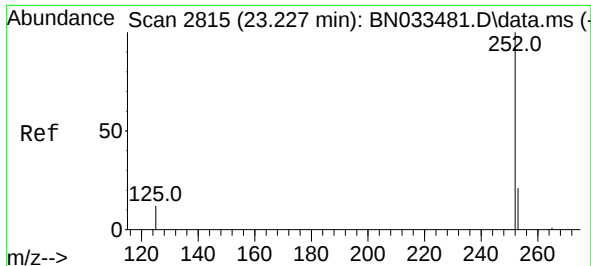
Ion Ratio Lower Upper

252 100

253 23.5 19.8 29.8

125 14.3 15.8 23.8#





#39

Benzo(a)pyrene

Concen: 1.051 ng

RT: 23.124 min Scan# 21

Delta R.T. -0.102 min

Lab File: BN033537.D

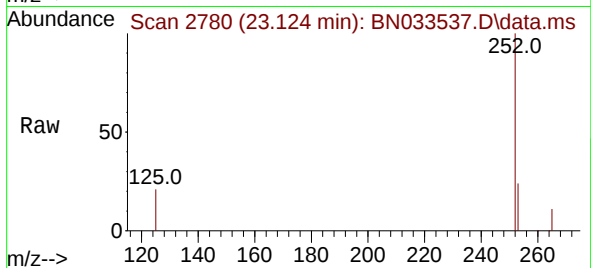
Acq: 21 Aug 2024 11:16

Instrument :

BNA_N

ClientSampleId :

917-J-SD-0.5-1-081524



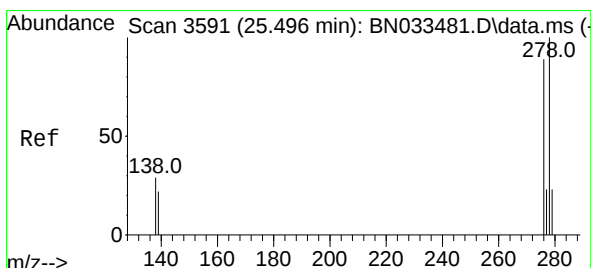
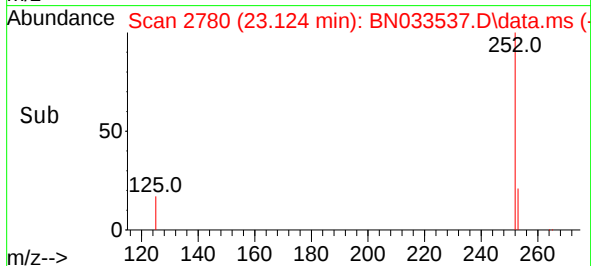
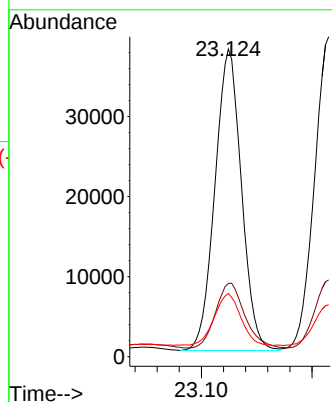
Tgt Ion:252 Resp: 62534

Ion Ratio Lower Upper

252 100

253 23.8 21.5 32.3

125 20.5 17.0 25.4



#40

Dibenzo(a,h)anthracene

Concen: 0.195 ng

RT: 25.472 min Scan# 3583

Delta R.T. -0.023 min

Lab File: BN033537.D

Acq: 21 Aug 2024 11:16

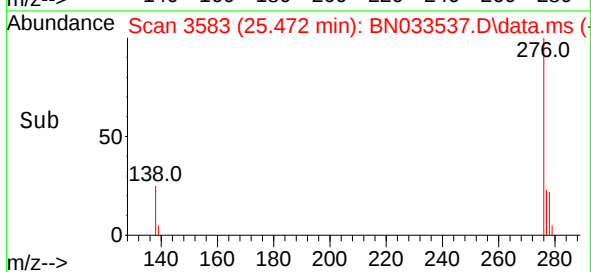
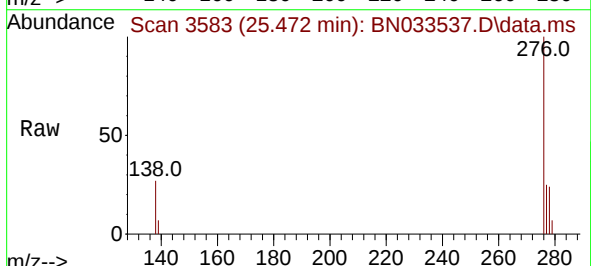
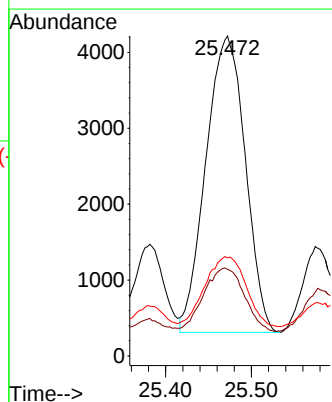
Tgt Ion:278 Resp: 12471

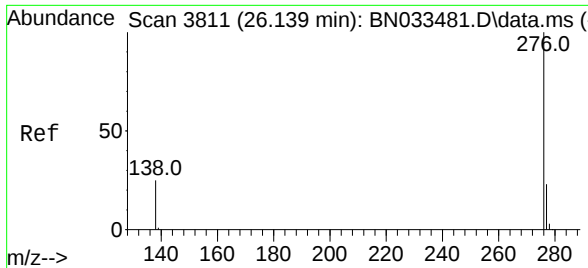
Ion Ratio Lower Upper

278 100

139 27.1 19.1 28.7

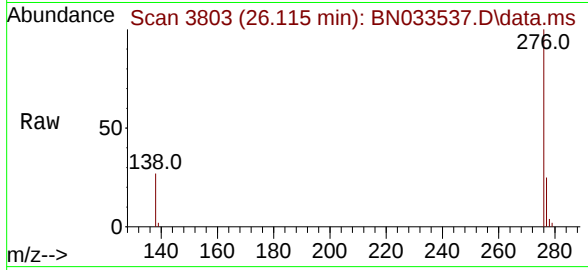
279 30.7 21.0 31.4





#41
Benzo(g,h,i)perylene
Concen: 0.915 ng
RT: 26.115 min Scan# 3803
Delta R.T. -0.023 min
Lab File: BN033537.D
Acq: 21 Aug 2024 11:16

Instrument :
BNA_N
ClientSampleId :
917-J-SD-0.5-1-081524



Tgt Ion:	276	Resp:	62519
Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.7	29.5
138	27.4	21.8	32.6

