

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
 Data File : BN033179.D
 Acq On : 01 Aug 2024 22:30
 Operator : MA/JU
 Sample : P3401-05MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E1GG3MSD

Quant Time: Aug 01 23:34:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 14:49:49 2024
 Response via : Initial Calibration

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

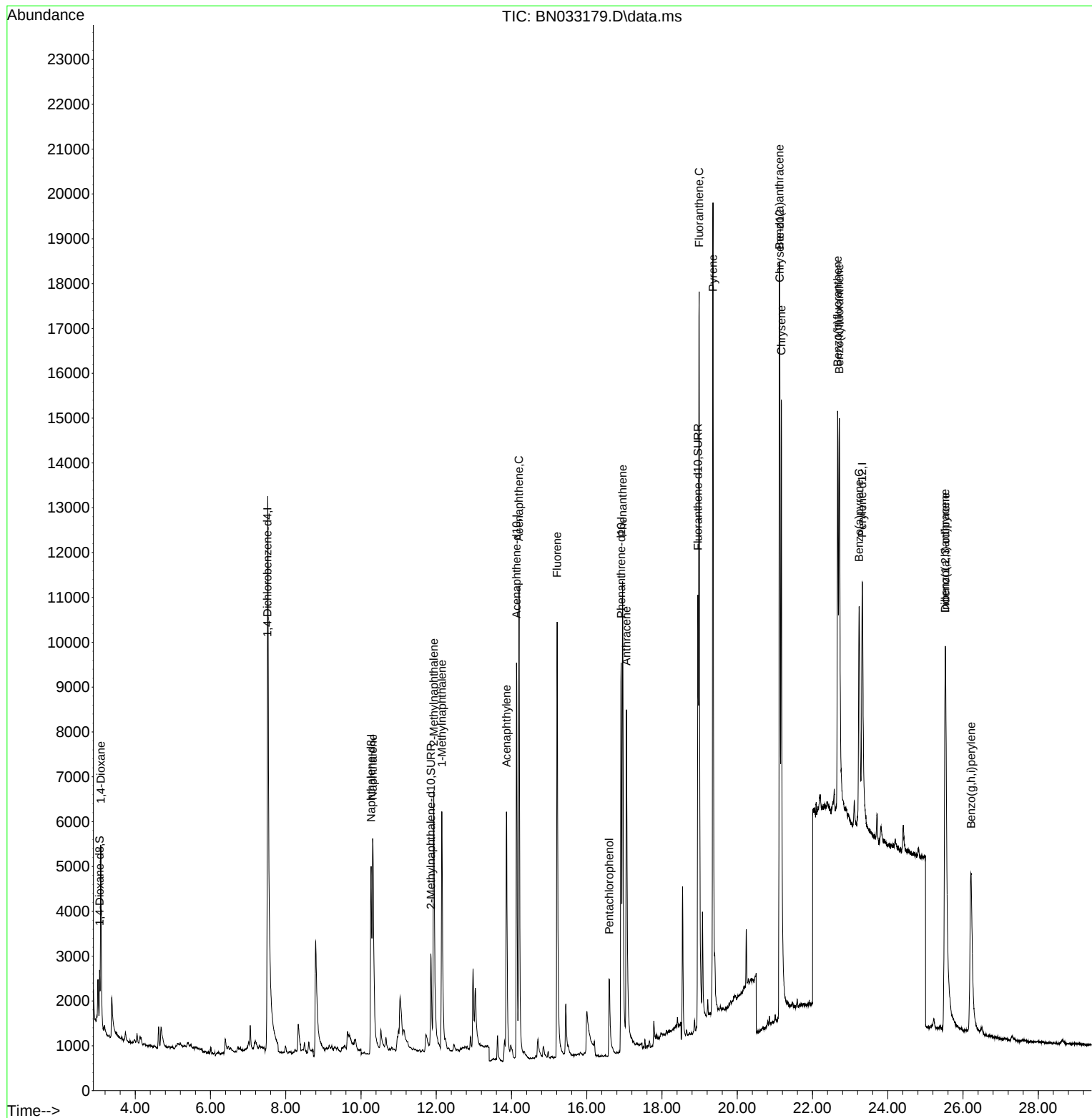
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.512	152	2733	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.267	136	9683	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.134	164	5807	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.911	188	12969	0.400	ng/ul	-0.03
17) Chrysene-d12	21.131	240	10269	0.400	ng/ul	-0.02
23) Perylene-d12	23.323	264	9992	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	923	0.267	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.857	152	4256	0.269	ng/ul	-0.07
18) Fluoranthene-d10	18.953	212	12407	0.427	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.086	88	3238	0.822	ng/ul#	73
5) Naphthalene	10.317	128	10014	0.403	ng/ul	96
7) 2-Methylnaphthalene	11.934	142	6387	0.379	ng/ul	98
8) 1-Methylnaphthalene	12.148	142	5416	0.297	ng/ul	98
10) Acenaphthylene	13.866	152	9010	0.379	ng/ul	100
11) Acenaphthene	14.199	153	7800	0.436	ng/ul	99
12) Fluorene	15.212	166	8893	0.427	ng/ul	99
14) Pentachlorophenol	16.595	266	2078	0.787	ng/ul	99
15) Phenanthrene	16.954	178	14501	0.417	ng/ul	100
16) Anthracene	17.055	178	12444	0.398	ng/ul	99
19) Fluoranthene	18.986	202	18101	0.535	ng/ul	99
20) Pyrene	19.353	202	19029	0.525	ng/ul	99
21) Benzo(a)anthracene	21.119	228	14116	0.403	ng/ul	99
22) Chrysene	21.169	228	17182	0.420	ng/ul	99
24) Benzo(b)fluoranthene	22.668	252	12420	0.426	ng/ul	84
25) Benzo(k)fluoranthene	22.712	252	15964	0.456	ng/ul#	87
26) Benzo(a)pyrene	23.238	252	10615	0.386	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.534	276	14612	0.350	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.524	278	11671	0.353	ng/ul	95
29) Benzo(g,h,i)perylene	26.214	276	10725	0.323	ng/ul	97

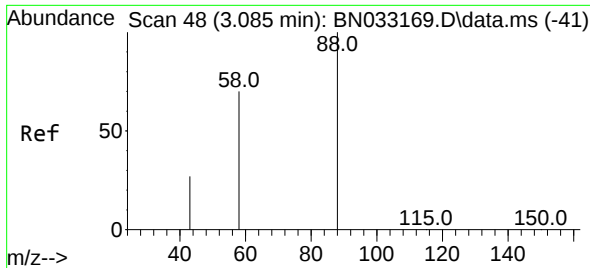
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.822 ng/ul

RT: 3.086 min Scan# 41

Delta R.T. -0.008 min

Lab File: BN033179.D

Acq: 01 Aug 2024 22:30

Instrument :

BNA_N

ClientSampleId :

E1GG3MSD

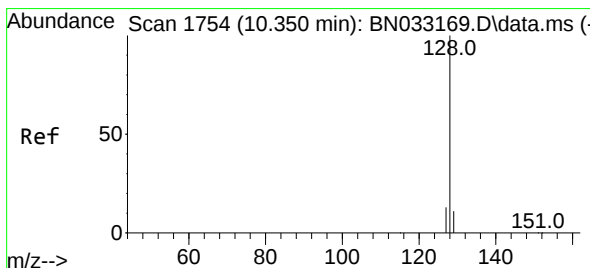
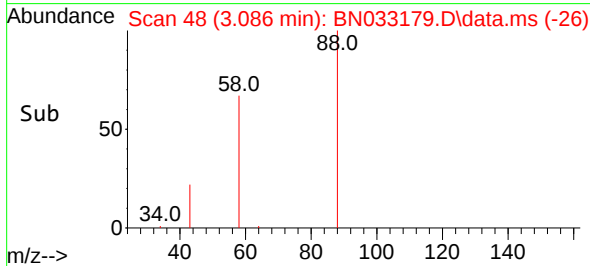
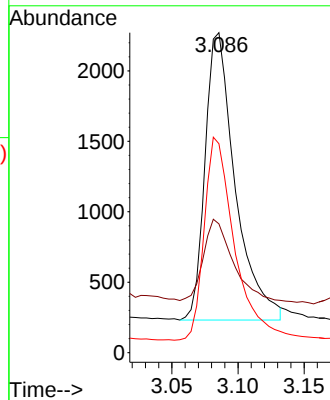
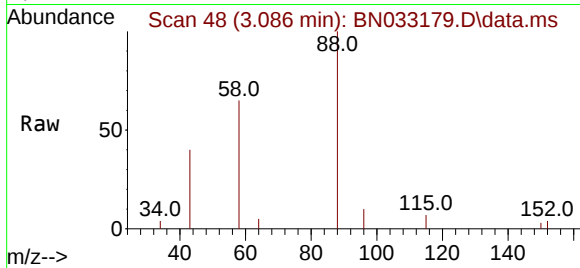
Tgt Ion: 88 Resp: 3238

Ion Ratio Lower Upper

88 100

43 40.2 63.4 95.2#

58 65.3 49.4 74.0



#5

Naphthalene

Concen: 0.403 ng/ul

RT: 10.317 min Scan# 1748

Delta R.T. -0.060 min

Lab File: BN033179.D

Acq: 01 Aug 2024 22:30

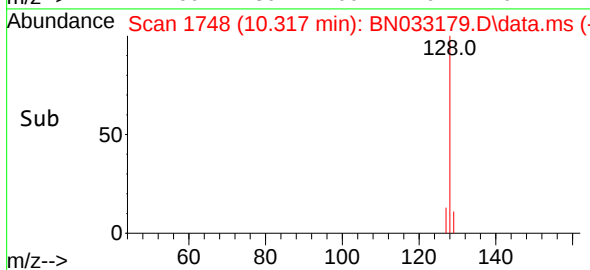
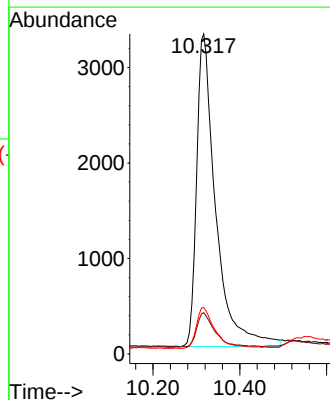
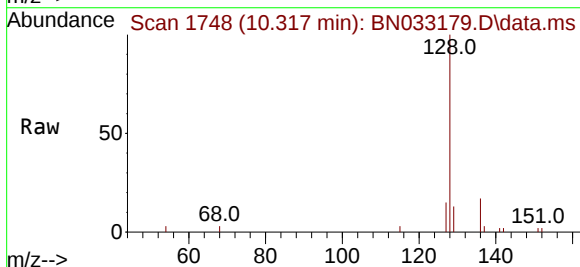
Tgt Ion:128 Resp: 10014

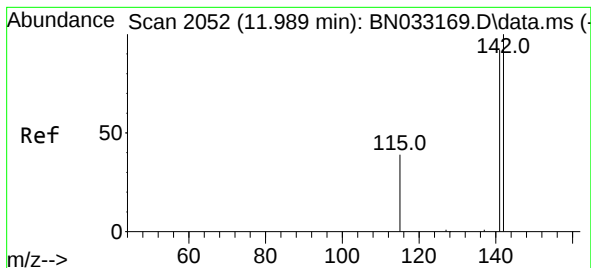
Ion Ratio Lower Upper

128 100

129 12.9 12.0 18.0

127 14.6 12.7 19.1

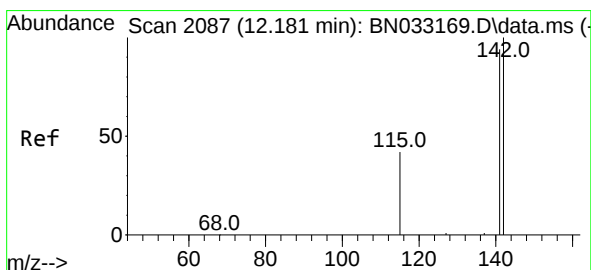
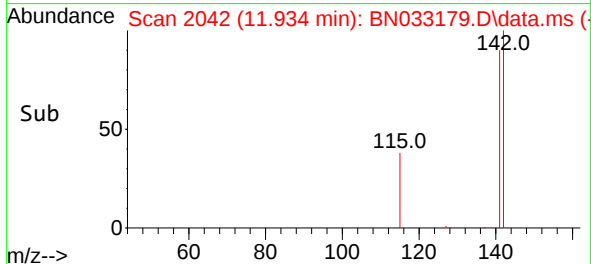
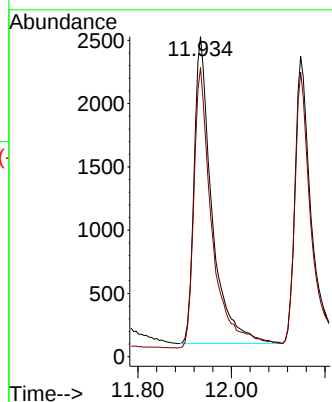
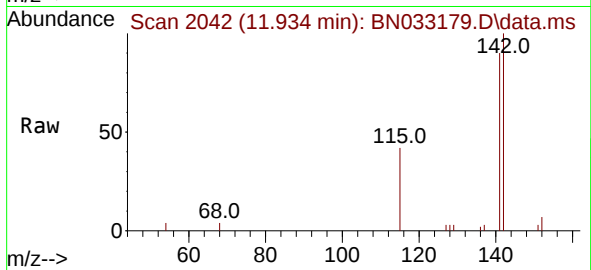




#7
2-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 11.934 min Scan# 2042
Delta R.T. -0.071 min
Lab File: BN033179.D
Acq: 01 Aug 2024 22:30

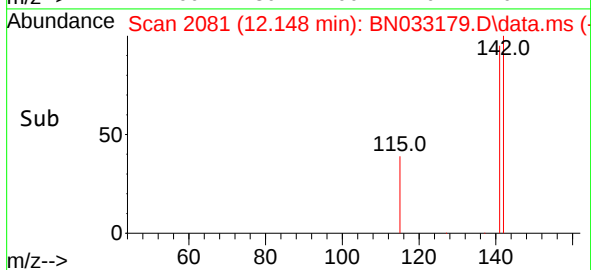
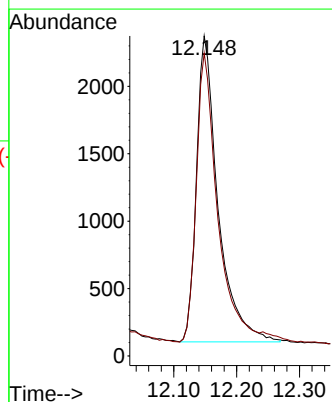
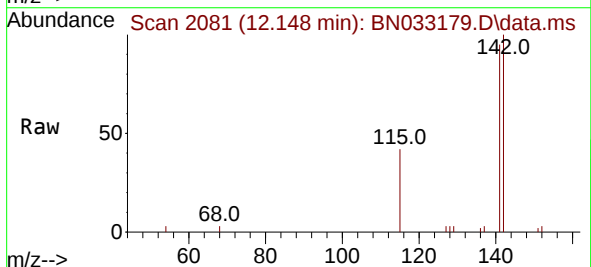
Instrument :
BNA_N
ClientSampleId :
E1GG3MSD

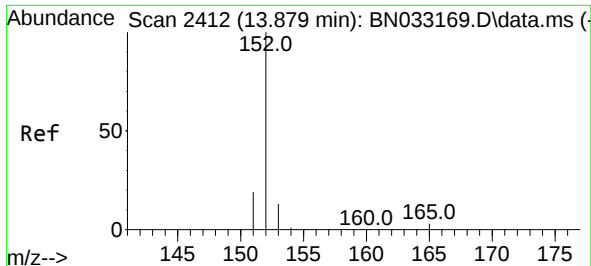
Tgt Ion:142 Resp: 6387
Ion Ratio Lower Upper
142 100
141 95.6 75.2 112.8



#8
1-Methylnaphthalene
Concen: 0.297 ng/ul
RT: 12.148 min Scan# 2081
Delta R.T. -0.049 min
Lab File: BN033179.D
Acq: 01 Aug 2024 22:30

Tgt Ion:142 Resp: 5416
Ion Ratio Lower Upper
142 100
141 94.8 74.3 111.5

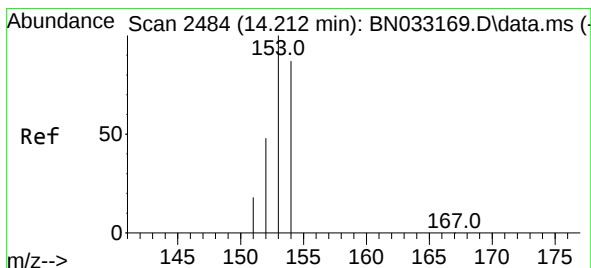
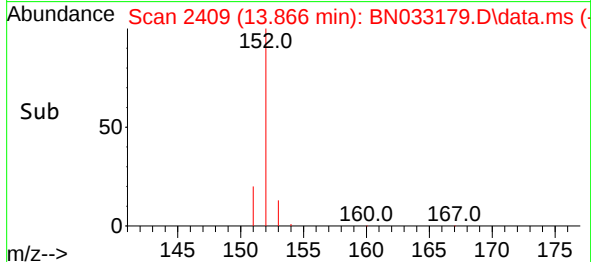
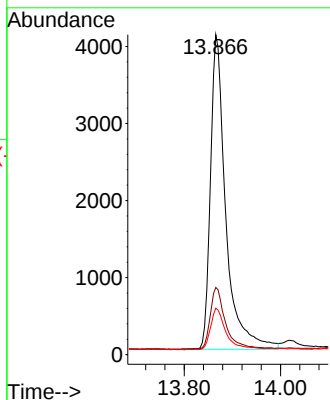
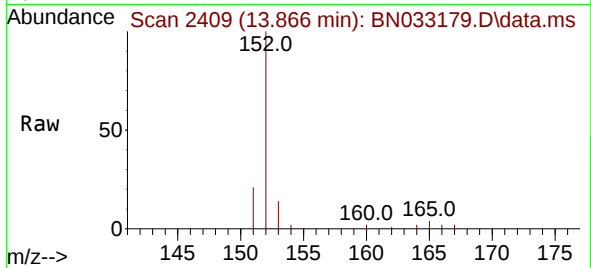




#10
Acenaphthylene
Concen: 0.379 ng/ul
RT: 13.866 min Scan# 2409
Delta R.T. -0.032 min
Lab File: BN033179.D
Acq: 01 Aug 2024 22:30

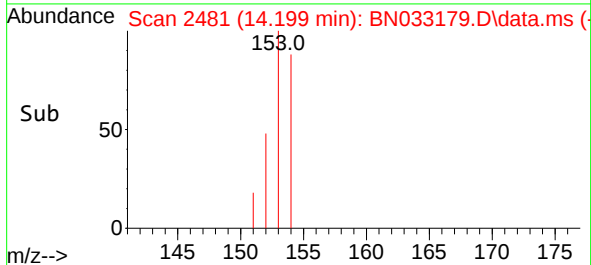
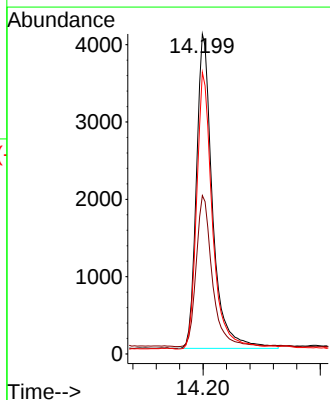
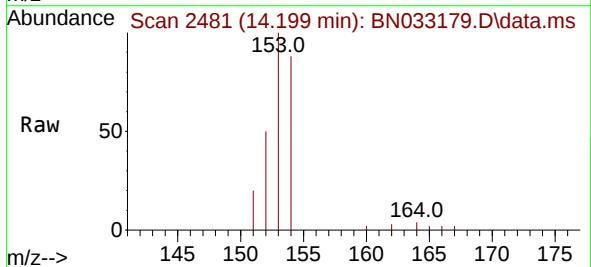
Instrument :
BNA_N
ClientSampleId :
E1GG3MSD

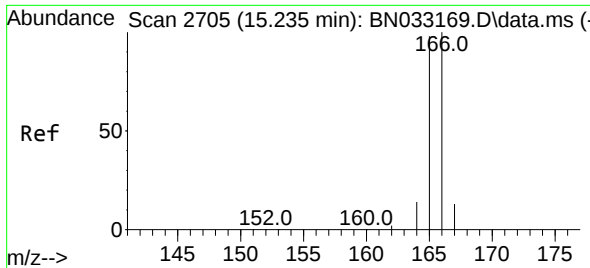
Tgt Ion:152 Resp: 9010
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2
153 14.5 11.9 17.9



#11
Acenaphthene
Concen: 0.436 ng/ul
RT: 14.199 min Scan# 2481
Delta R.T. -0.028 min
Lab File: BN033179.D
Acq: 01 Aug 2024 22:30

Tgt Ion:153 Resp: 7800
Ion Ratio Lower Upper
153 100
152 49.5 40.0 60.0
154 88.0 70.1 105.1

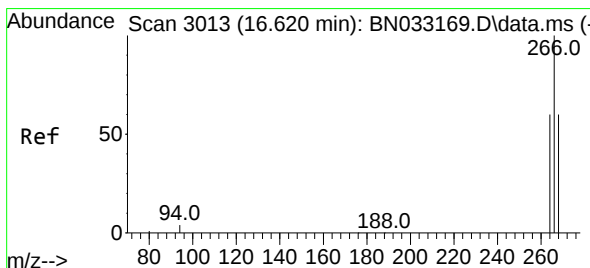
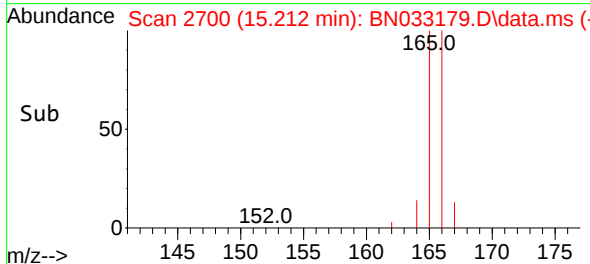
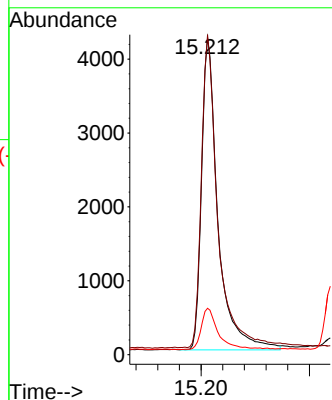
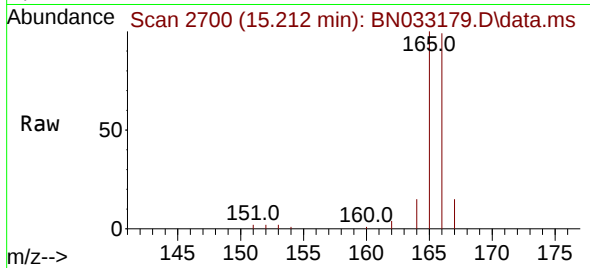




#12
Fluorene
Concen: 0.427 ng/ul
RT: 15.212 min Scan# 21
Delta R.T. -0.037 min
Lab File: BN033179.D
Acq: 01 Aug 2024 22:30

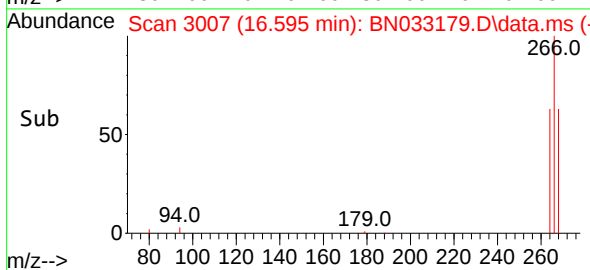
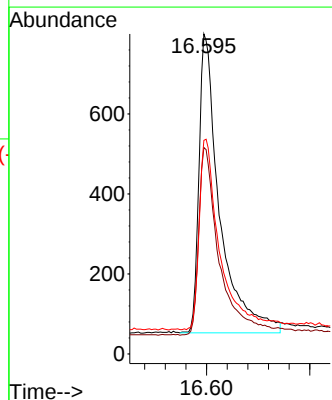
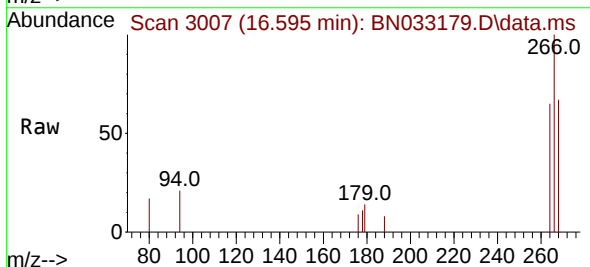
Instrument :
BNA_N
ClientSampleId :
E1GG3MSD

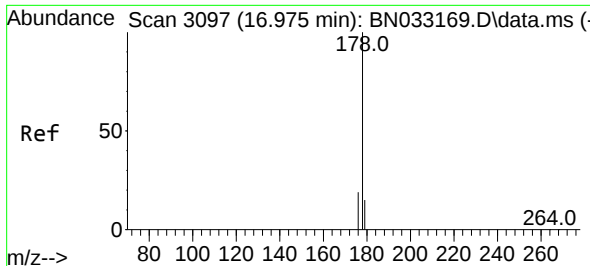
Tgt Ion:166	Resp:	8893
Ion Ratio	Lower	Upper
166	100	
165	101.0	79.6 119.4
167	14.7	12.2 18.4



#14
Pentachlorophenol
Concen: 0.787 ng/ul
RT: 16.595 min Scan# 3007
Delta R.T. -0.046 min
Lab File: BN033179.D
Acq: 01 Aug 2024 22:30

Tgt Ion:266	Resp:	2078
Ion Ratio	Lower	Upper
266	100	
264	63.1	49.3 73.9
268	64.7	51.8 77.8

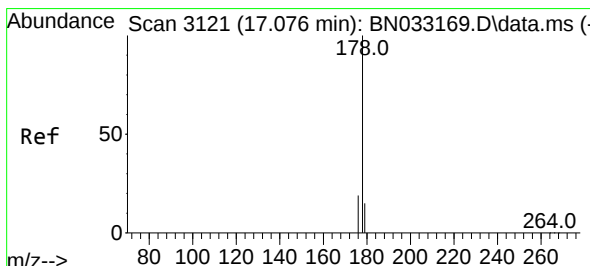
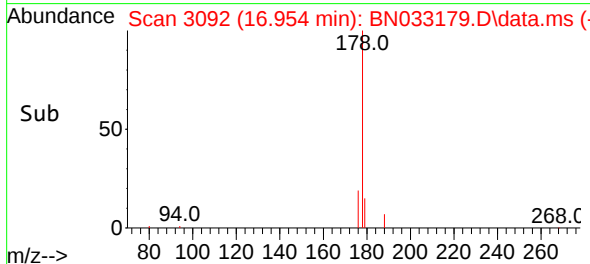
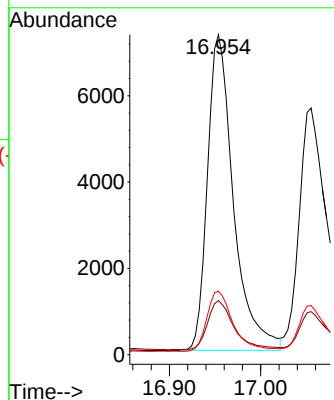
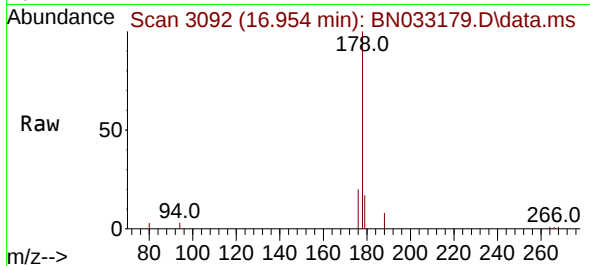




#15
Phenanthrene
Concen: 0.417 ng/ul
RT: 16.954 min Scan# 3116
Delta R.T. -0.029 min
Lab File: BN033179.D
Acq: 01 Aug 2024 22:30

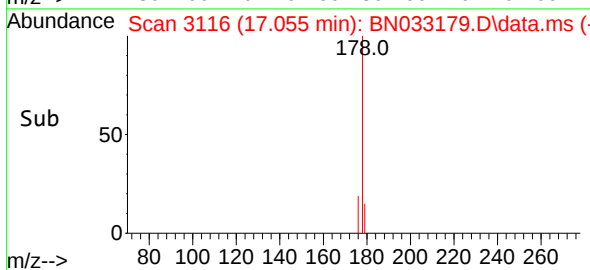
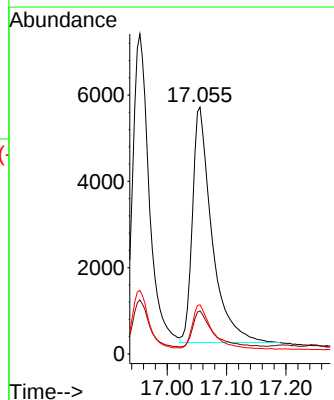
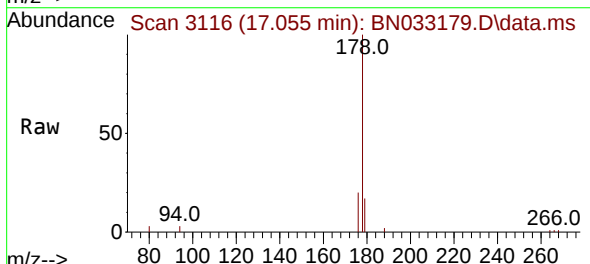
Instrument :
BNA_N
ClientSampleId :
E1GG3MSD

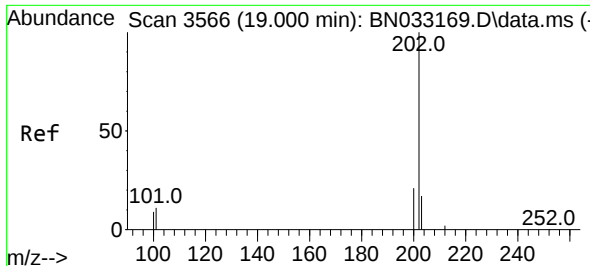
Tgt Ion:178 Resp: 14501
Ion Ratio Lower Upper
178 100
179 16.9 13.7 20.5
176 19.9 15.9 23.9



#16
Anthracene
Concen: 0.398 ng/ul
RT: 17.055 min Scan# 3116
Delta R.T. -0.034 min
Lab File: BN033179.D
Acq: 01 Aug 2024 22:30

Tgt Ion:178 Resp: 12444
Ion Ratio Lower Upper
178 100
179 17.4 14.3 21.5
176 19.9 15.8 23.8

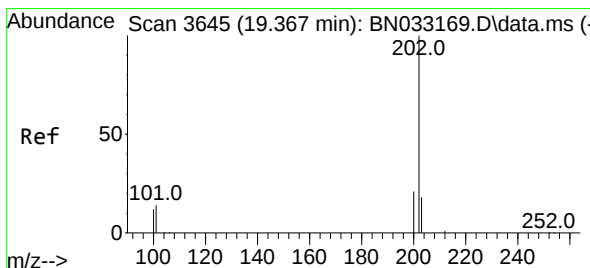
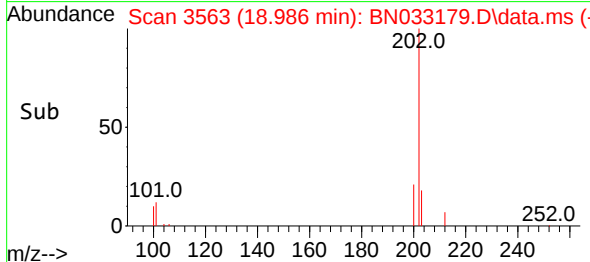
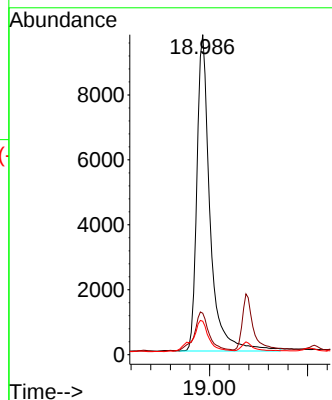
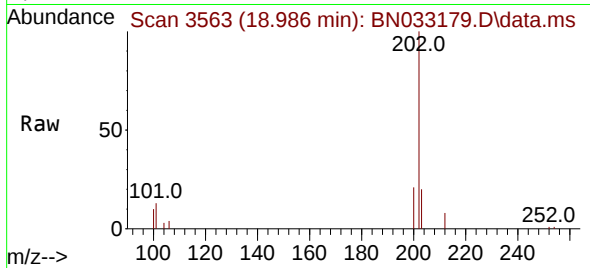




#19
Fluoranthene
Concen: 0.535 ng/ul
RT: 18.986 min Scan# 3563
Delta R.T. -0.018 min
Lab File: BN033179.D
Acq: 01 Aug 2024 22:30

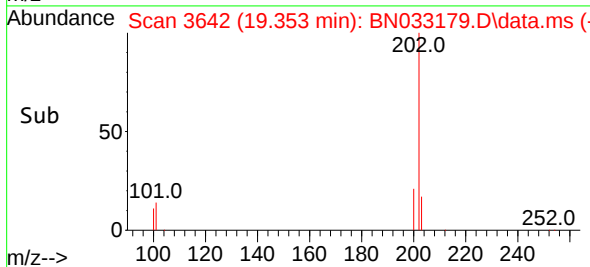
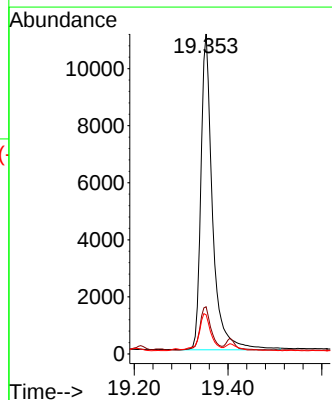
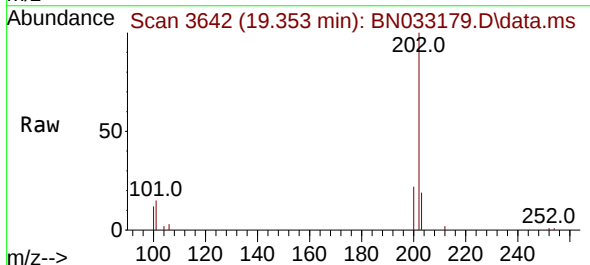
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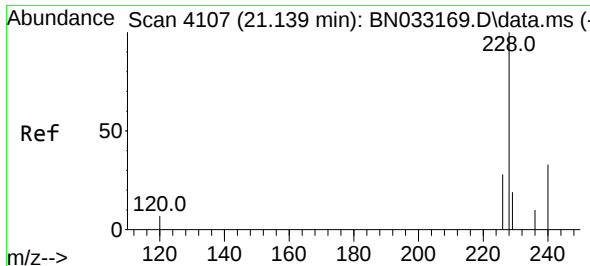
Tgt Ion:	202	Resp:	18101
Ion Ratio	Lower	Upper	
202	100		
101	13.0	10.7	16.1
100	10.5	8.3	12.5



#20
Pyrene
Concen: 0.525 ng/ul
RT: 19.353 min Scan# 3642
Delta R.T. -0.018 min
Lab File: BN033179.D
Acq: 01 Aug 2024 22:30

Tgt Ion:	202	Resp:	19029
Ion Ratio	Lower	Upper	
202	100		
101	14.7	12.6	18.8
100	12.3	9.9	14.9

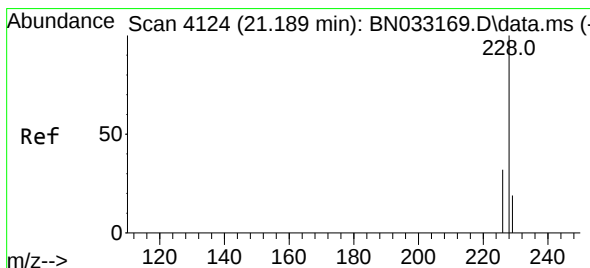
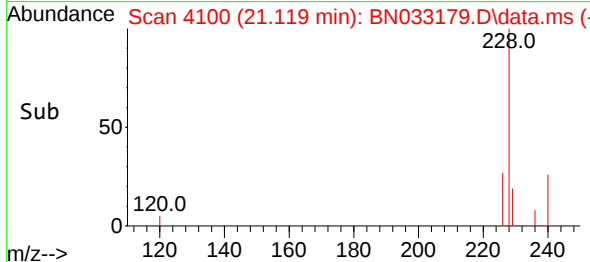
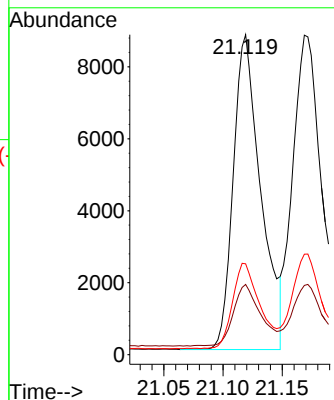
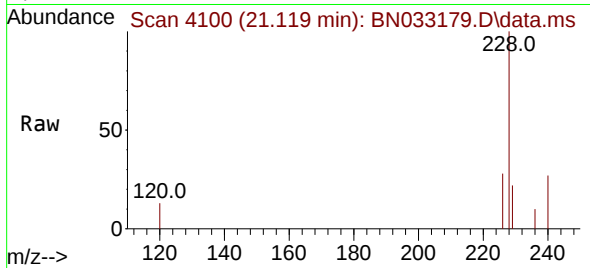




#21
Benzo(a)anthracene
Concen: 0.403 ng/ul
RT: 21.119 min Scan# 4117
Delta R.T. -0.017 min
Lab File: BN033179.D
Acq: 01 Aug 2024 22:30

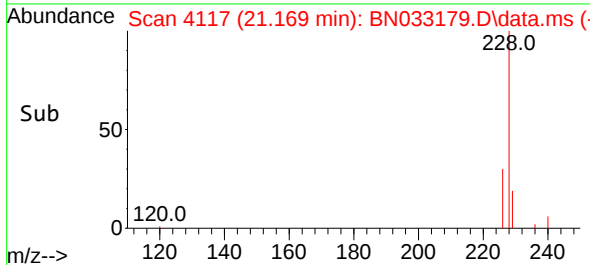
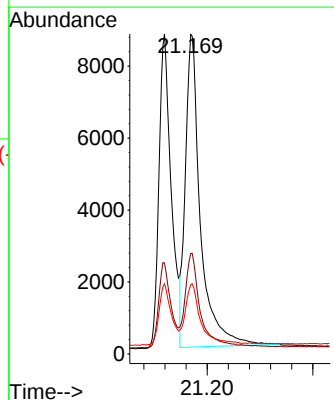
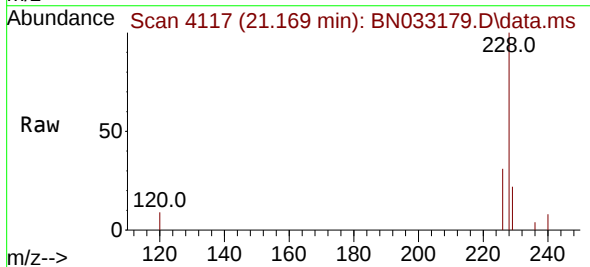
Instrument :
BNA_N
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E1GG3MSD

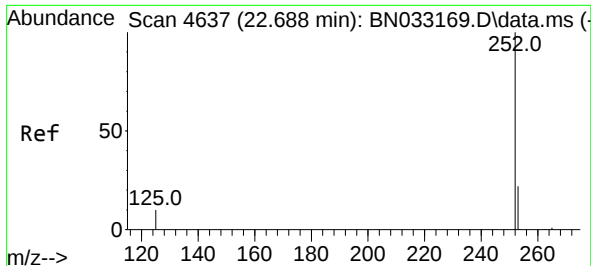
Tgt Ion:228 Resp: 14116
Ion Ratio Lower Upper
228 100
229 22.0 17.1 25.7
226 28.4 22.4 33.6



#22
Chrysene
Concen: 0.420 ng/ul
RT: 21.169 min Scan# 4117
Delta R.T. -0.020 min
Lab File: BN033179.D
Acq: 01 Aug 2024 22:30

Tgt Ion:228 Resp: 17182
Ion Ratio Lower Upper
228 100
226 31.4 24.7 37.1
229 21.7 17.0 25.6

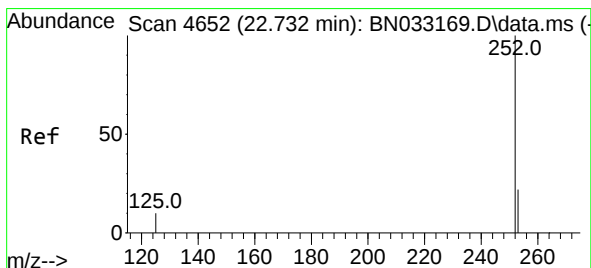
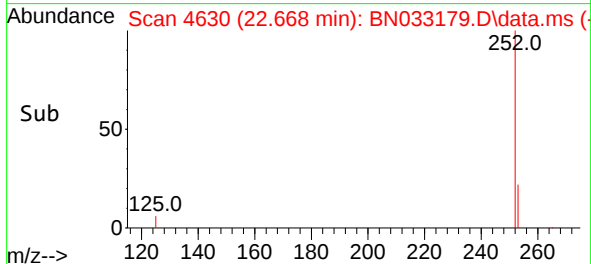
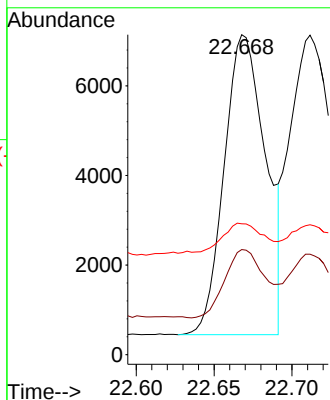
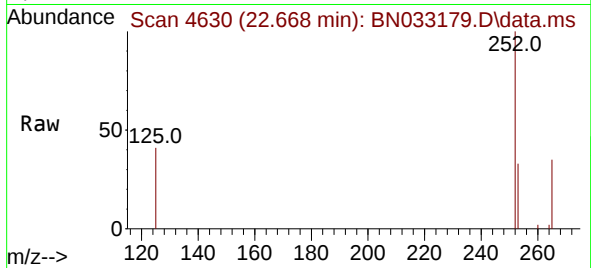




#24
Benzo(b)fluoranthene
Concen: 0.426 ng/ul
RT: 22.668 min Scan# 4630
Delta R.T. -0.014 min
Lab File: BN033179.D
Acq: 01 Aug 2024 22:30

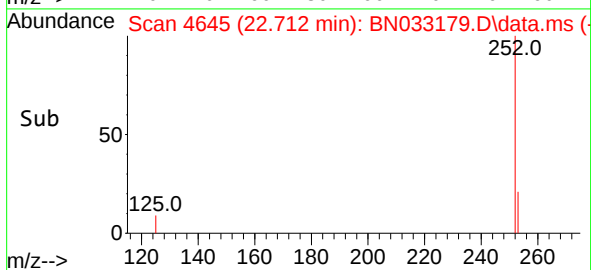
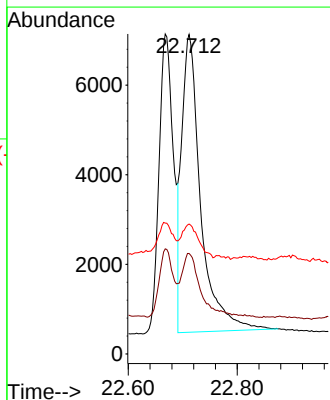
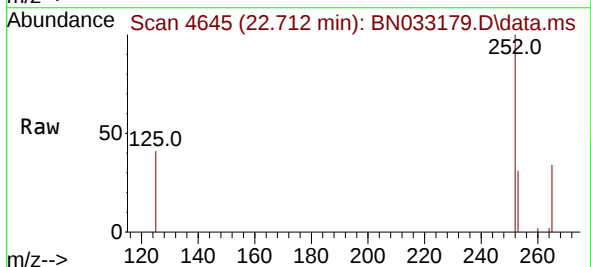
Instrument :
BNA_N
ClientSampleId :
E1GG3MSD

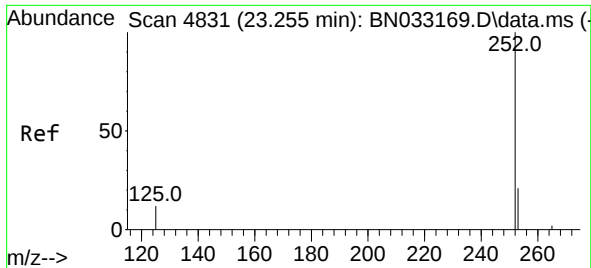
Tgt Ion:252 Resp: 12420
Ion Ratio Lower Upper
252 100
253 32.8 0.0 60.6
125 40.9 0.0 51.0



#25
Benzo(k)fluoranthene
Concen: 0.456 ng/ul
RT: 22.712 min Scan# 4645
Delta R.T. -0.014 min
Lab File: BN033179.D
Acq: 01 Aug 2024 22:30

Tgt Ion:252 Resp: 15964
Ion Ratio Lower Upper
252 100
253 31.4 24.9 37.3
125 40.6 20.9 31.3#

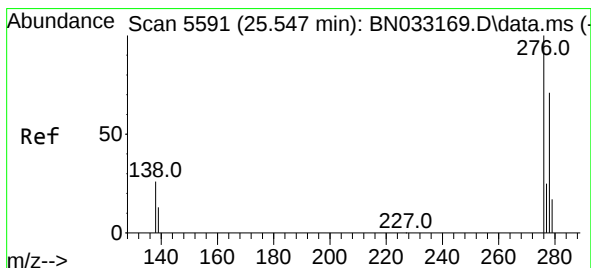
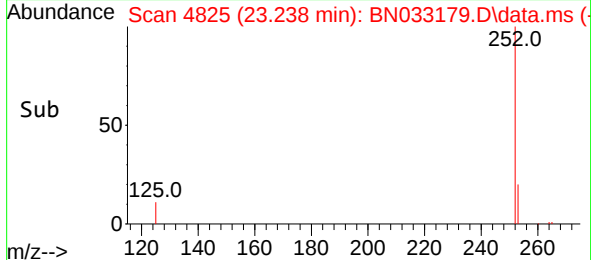
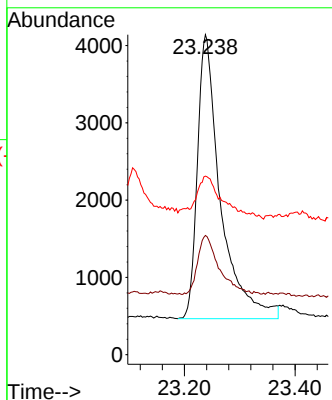
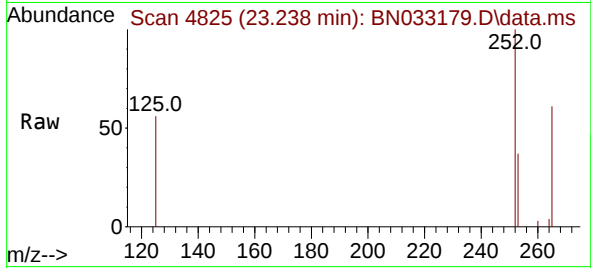




#26
Benzo(a)pyrene
Concen: 0.386 ng/ul
RT: 23.238 min Scan# 4825
Delta R.T. -0.011 min
Lab File: BN033179.D
Acq: 01 Aug 2024 22:30

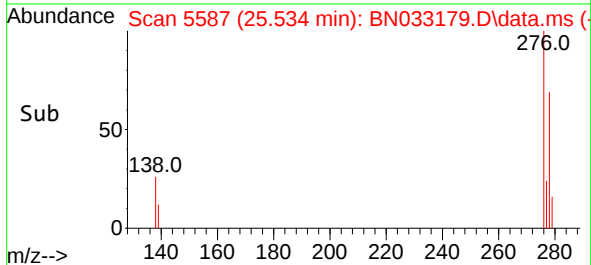
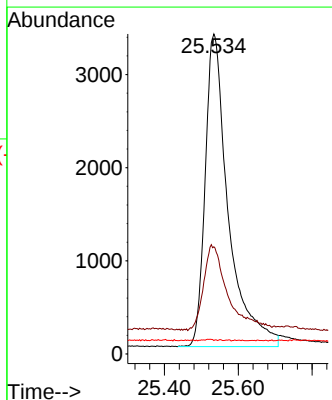
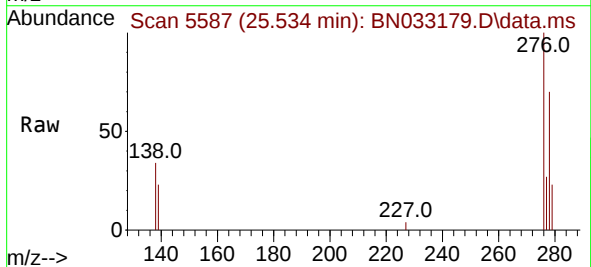
Instrument :
BNA_N
ClientSampleId :
E1GG3MSD

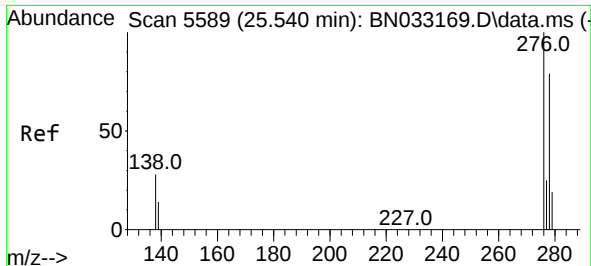
Tgt Ion:252 Resp: 10615
Ion Ratio Lower Upper
252 100
253 37.3 27.5 41.3
125 55.8 27.0 40.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.350 ng/ul
RT: 25.534 min Scan# 5587
Delta R.T. -0.007 min
Lab File: BN033179.D
Acq: 01 Aug 2024 22:30

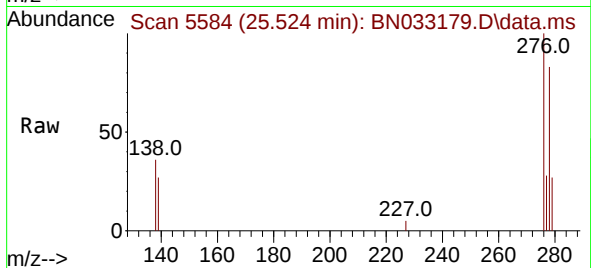
Tgt Ion:276 Resp: 14612
Ion Ratio Lower Upper
276 100
138 28.7 21.8 32.8
227 0.1 0.2 0.2#



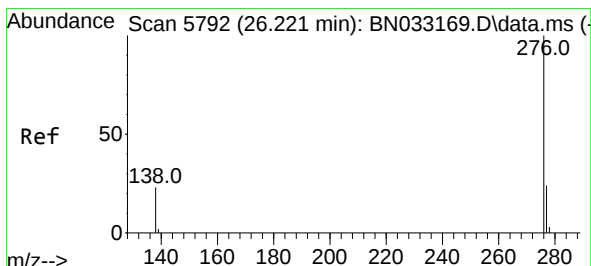
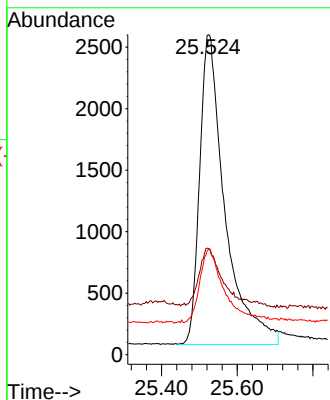
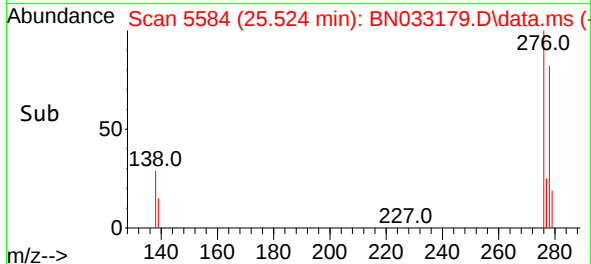


#28
Dibenzo(a,h)anthracene
Concen: 0.353 ng/ul
RT: 25.524 min Scan# 51
Delta R.T. -0.017 min
Lab File: BN033179.D
Acq: 01 Aug 2024 22:30

Instrument :
BNA_N
ClientSampleId :
E1GG3MSD



Tgt Ion:278 Resp: 11671
Ion Ratio Lower Upper
278 100
139 33.1 22.5 33.7
279 32.9 25.5 38.3



#29
Benzo(g,h,i)perylene
Concen: 0.323 ng/ul
RT: 26.214 min Scan# 5790
Delta R.T. -0.003 min
Lab File: BN033179.D
Acq: 01 Aug 2024 22:30

Tgt Ion:276 Resp: 10725
Ion Ratio Lower Upper
276 100
138 33.2 24.6 37.0
277 27.3 22.6 34.0

