

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032724\
 Data File : BN030509.D
 Acq On : 27 Mar 2024 17:30
 Operator : MA/JU
 Sample : P1848-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E0LY4MS

Quant Time: Mar 27 18:50:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN032724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 27 15:11:42 2024
 Response via : Initial Calibration

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

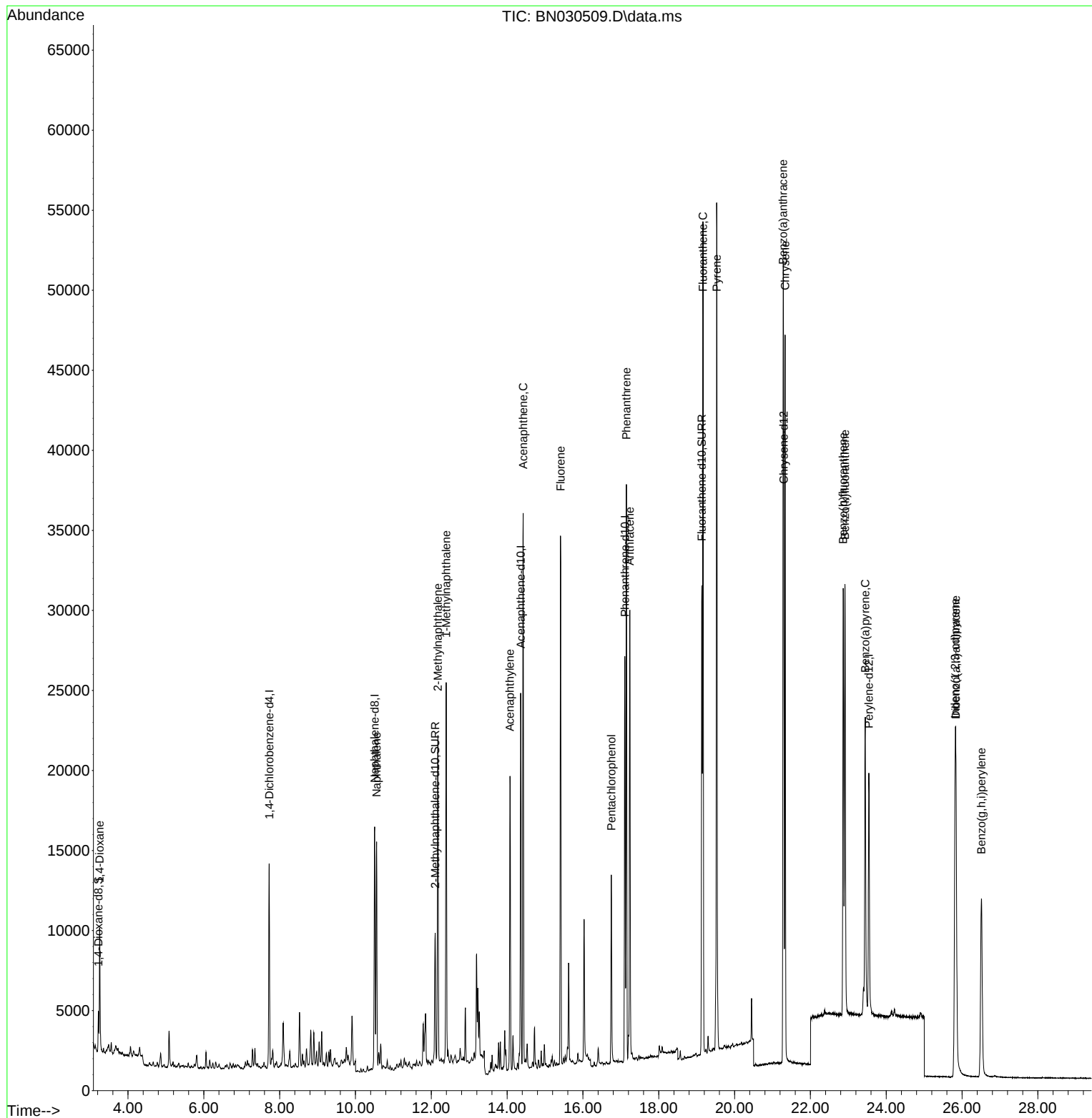
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	6147	0.400	ng/ul	0.00
4) Naphthalene-d8	10.507	136	19986	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.358	164	12745	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.108	188	29397	0.400	ng/ul	0.00
17) Chrysene-d12	21.298	240	23816	0.400	ng/ul	0.00
23) Perylene-d12	23.543	264	20375	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	1660	0.246	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.102	152	9954	0.331	ng/ul	0.00
18) Fluoranthene-d10	19.137	212	31664	0.430	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.252	88	5168	0.757	ng/ul#	80
5) Naphthalene	10.557	128	18278	0.335	ng/ul	99
7) 2-Methylnaphthalene	12.174	142	14287	0.397	ng/ul	100
8) 1-Methylnaphthalene	12.394	142	15655	0.411	ng/ul	100
10) Acenaphthylene	14.076	152	20583	0.358	ng/ul	98
11) Acenaphthene	14.423	153	19253	0.430	ng/ul	97
12) Fluorene	15.409	166	20373	0.386	ng/ul	98
14) Pentachlorophenol	16.749	266	7596	1.413	ng/ul	100
15) Phenanthrene	17.146	178	36515	0.414	ng/ul	99
16) Anthracene	17.239	178	31161	0.420	ng/ul	99
19) Fluoranthene	19.165	202	41979	0.427	ng/ul	98
20) Pyrene	19.528	202	43759	0.452	ng/ul	97
21) Benzo(a)anthracene	21.280	228	37523	0.457	ng/ul	98
22) Chrysene	21.333	228	36995	0.408	ng/ul	99
24) Benzo(b)fluoranthene	22.864	252	34307	0.413	ng/ul	100
25) Benzo(k)fluoranthene	22.911	252	34475	0.394	ng/ul	100
26) Benzo(a)pyrene	23.446	252	27959	0.415	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.816	276	30075	0.395	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.840	278	23913	0.395	ng/ul	99
29) Benzo(g,h,i)perylene	26.510	276	23945	0.370	ng/ul	99

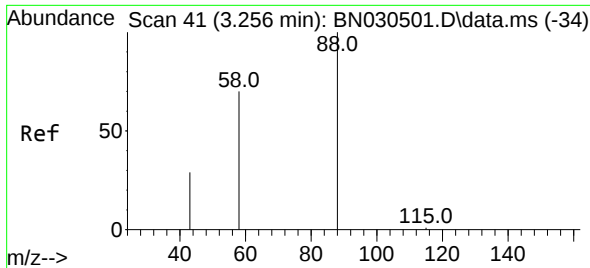
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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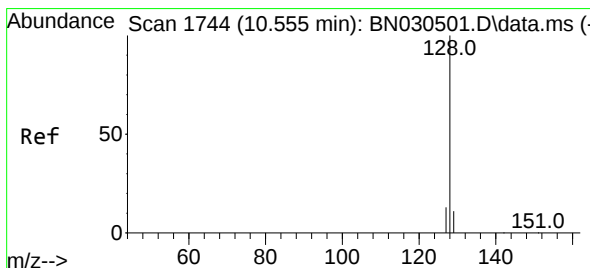
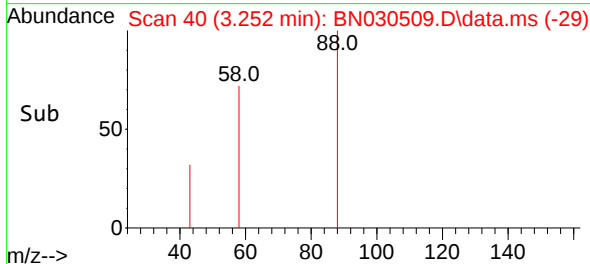
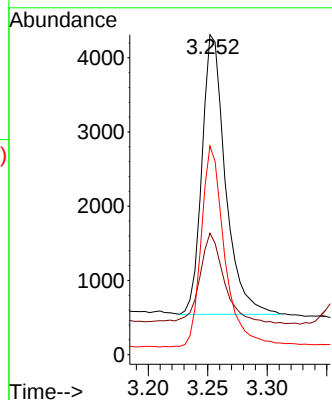
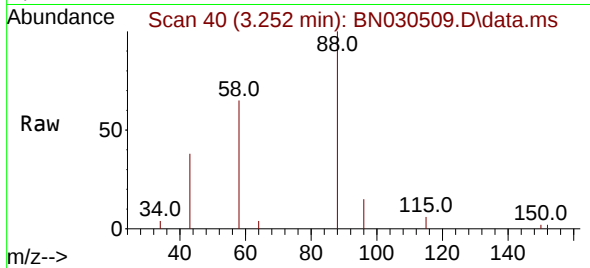




#2
1,4-Dioxane
Concen: 0.757 ng/ul
RT: 3.252 min Scan# 40
Delta R.T. -0.004 min
Lab File: BN030509.D
Acq: 27 Mar 2024 17:30

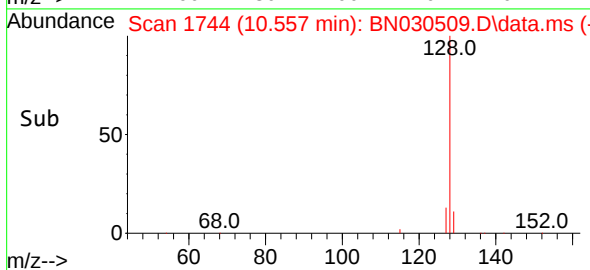
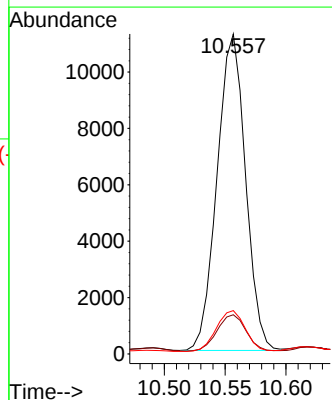
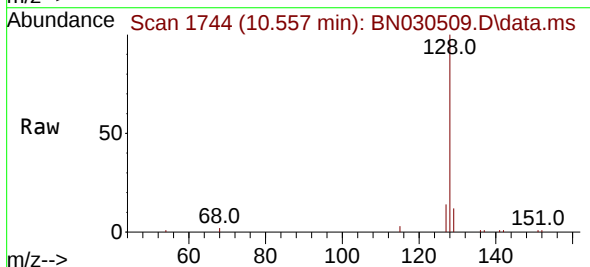
Instrument :
BNA_N
ClientSampleId :
EOLY4MS

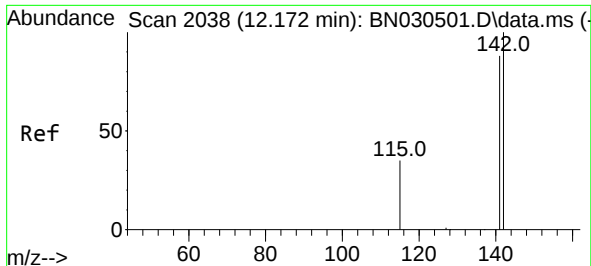
Tgt Ion: 88 Resp: 5168
Ion Ratio Lower Upper
88 100
43 38.0 22.9 34.3#
58 65.2 40.3 60.5#



#5
Naphthalene
Concen: 0.335 ng/ul
RT: 10.557 min Scan# 1744
Delta R.T. 0.001 min
Lab File: BN030509.D
Acq: 27 Mar 2024 17:30

Tgt Ion:128 Resp: 18278
Ion Ratio Lower Upper
128 100
129 12.3 9.2 13.8
127 13.6 10.7 16.1

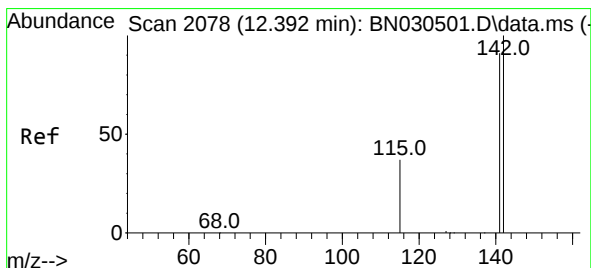
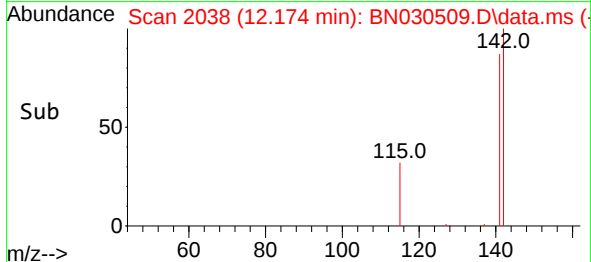
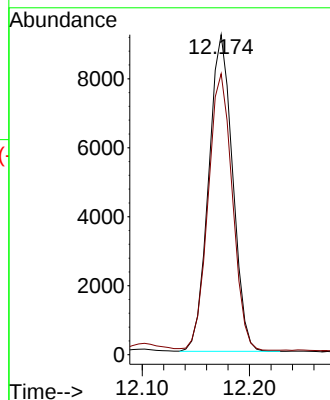
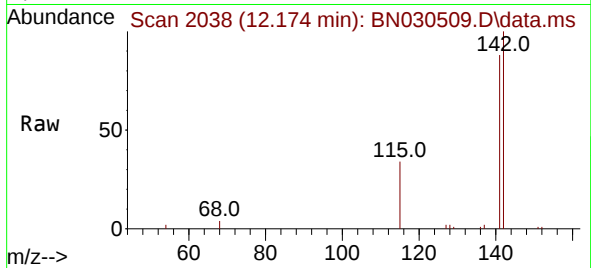




#7
2-Methylnaphthalene
Concen: 0.397 ng/ul
RT: 12.174 min Scan# 2038
Delta R.T. 0.001 min
Lab File: BN030509.D
Acq: 27 Mar 2024 17:30

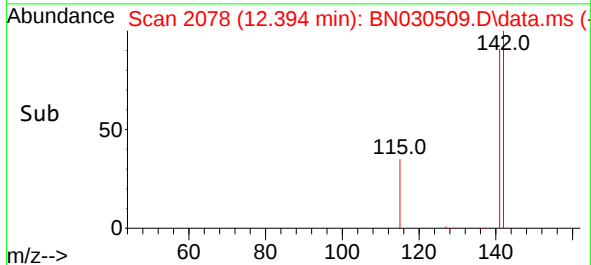
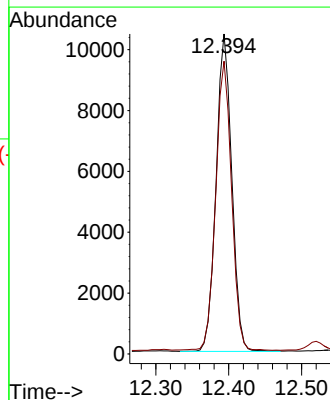
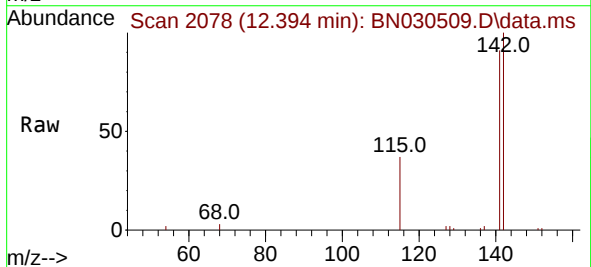
Instrument :
BNA_N
ClientSampleId :
EOLY4MS

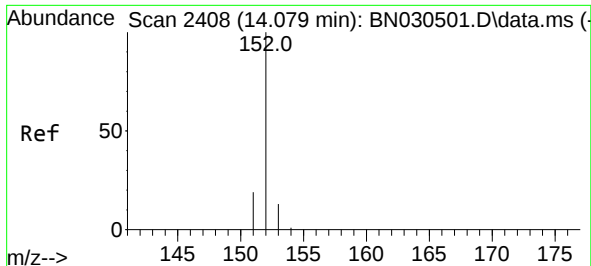
Tgt Ion:142 Resp: 14287
Ion Ratio Lower Upper
142 100
141 88.0 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.411 ng/ul
RT: 12.394 min Scan# 2078
Delta R.T. 0.001 min
Lab File: BN030509.D
Acq: 27 Mar 2024 17:30

Tgt Ion:142 Resp: 15655
Ion Ratio Lower Upper
142 100
141 91.8 73.3 109.9

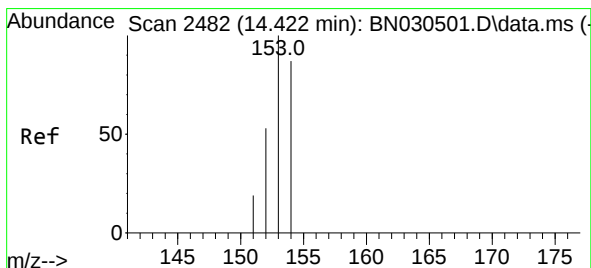
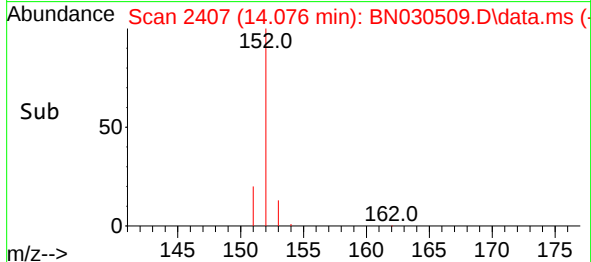
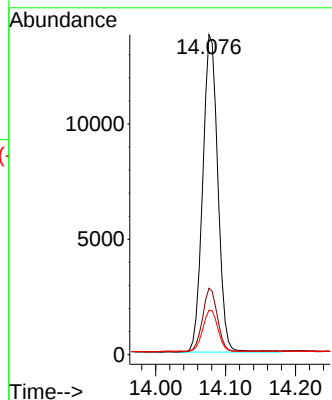
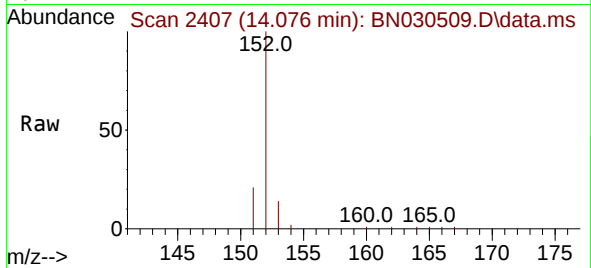




#10
Acenaphthylene
Concen: 0.358 ng/ul
RT: 14.076 min Scan# 2407
Delta R.T. -0.003 min
Lab File: BN030509.D
Acq: 27 Mar 2024 17:30

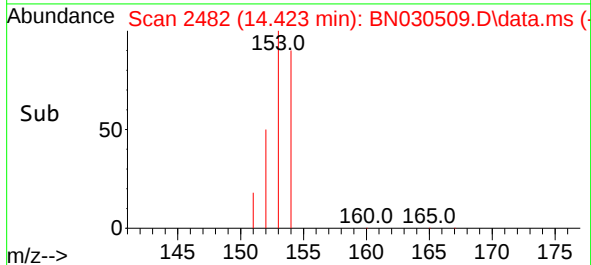
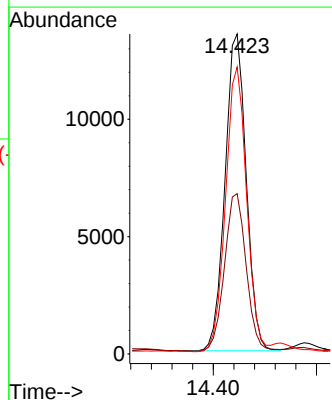
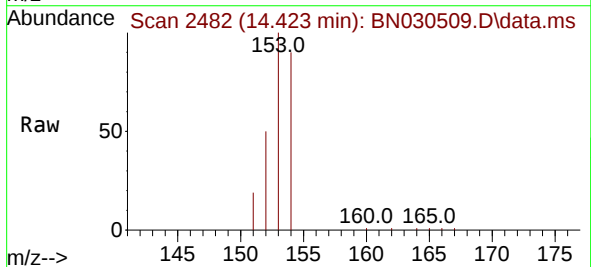
Instrument :
BNA_N
ClientSampleId :
EOLY4MS

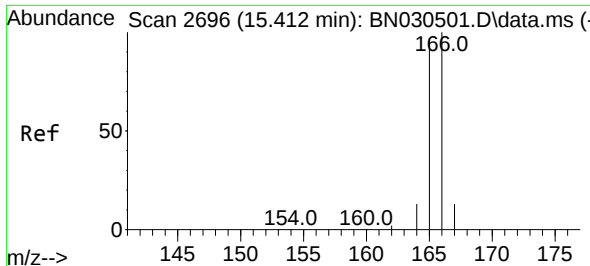
Tgt Ion:	152	Resp:	20583
Ion Ratio	Lower	Upper	
152	100		
151	20.8	15.8	23.8
153	13.9	10.8	16.2



#11
Acenaphthene
Concen: 0.430 ng/ul
RT: 14.423 min Scan# 2482
Delta R.T. 0.001 min
Lab File: BN030509.D
Acq: 27 Mar 2024 17:30

Tgt Ion:	153	Resp:	19253
Ion Ratio	Lower	Upper	
153	100		
152	50.1	42.9	64.3
154	89.7	69.8	104.8

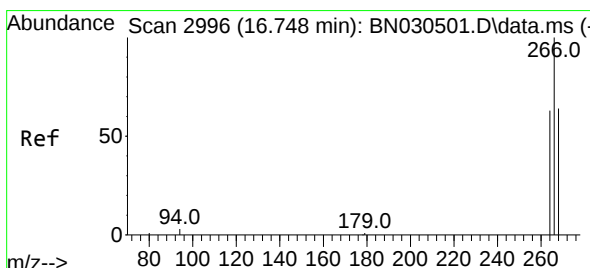
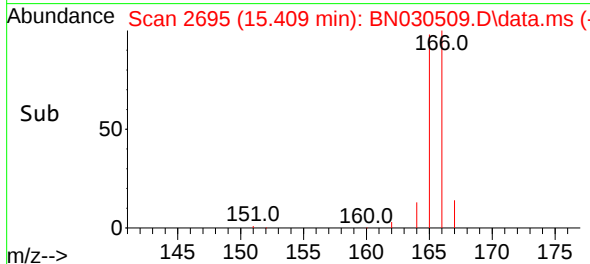
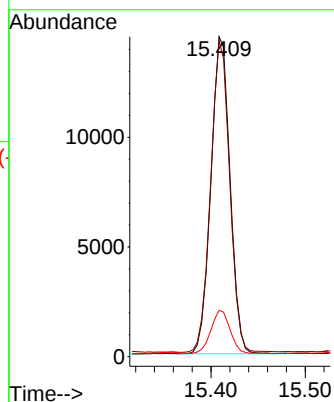
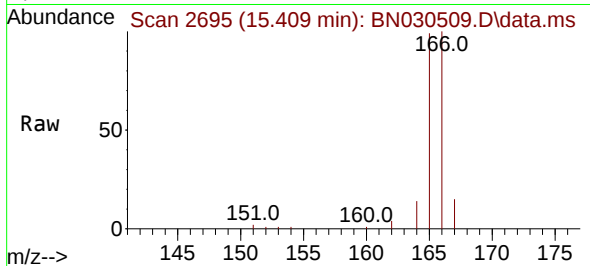




#12
 Fluorene
 Concen: 0.386 ng/ul
 RT: 15.409 min Scan# 2695
 Delta R.T. -0.003 min
 Lab File: BN030509.D
 Acq: 27 Mar 2024 17:30

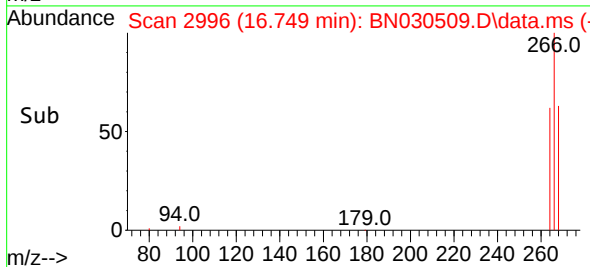
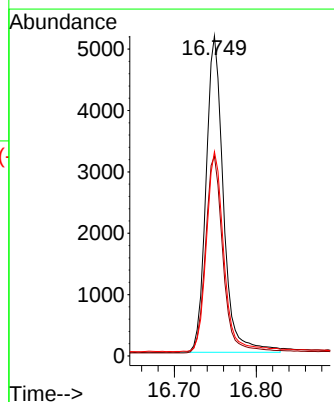
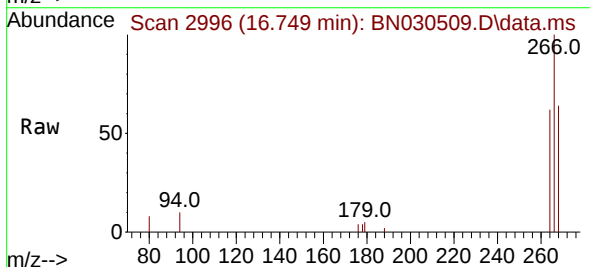
Instrument :
 BNA_N
 ClientSampleId :
 EOLY4MS

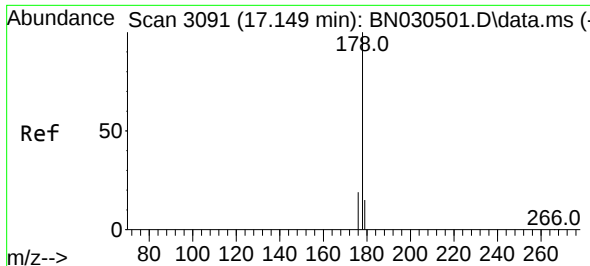
Tgt Ion:166	Resp:	20373
Ion Ratio	Lower	Upper
166	100	
165	98.7	77.5 116.3
167	14.5	11.0 16.6



#14
 Pentachlorophenol
 Concen: 1.413 ng/ul
 RT: 16.749 min Scan# 2996
 Delta R.T. 0.001 min
 Lab File: BN030509.D
 Acq: 27 Mar 2024 17:30

Tgt Ion:266	Resp:	7596
Ion Ratio	Lower	Upper
266	100	
264	63.2	50.0 75.0
268	63.8	51.0 76.6

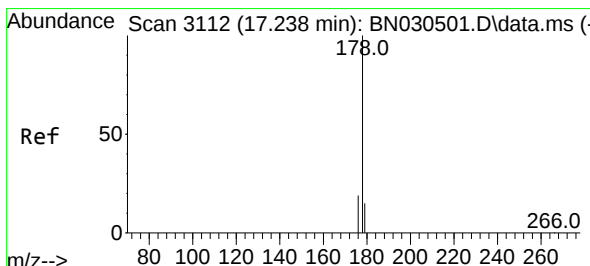
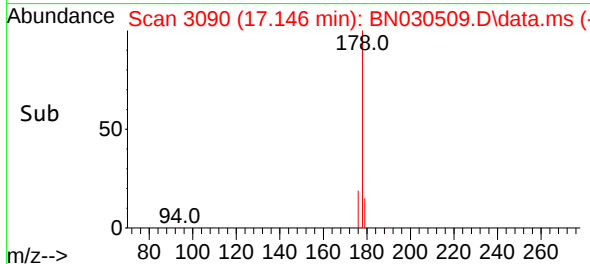
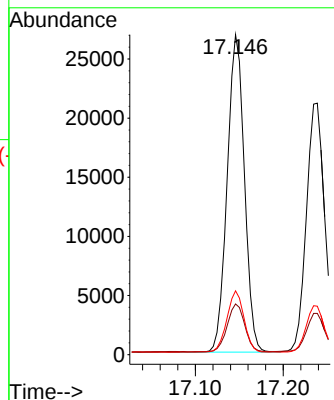
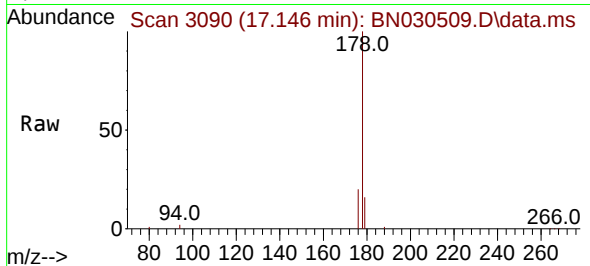




#15
Phenanthrene
Concen: 0.414 ng/ul
RT: 17.146 min Scan# 3091
Delta R.T. -0.003 min
Lab File: BN030509.D
Acq: 27 Mar 2024 17:30

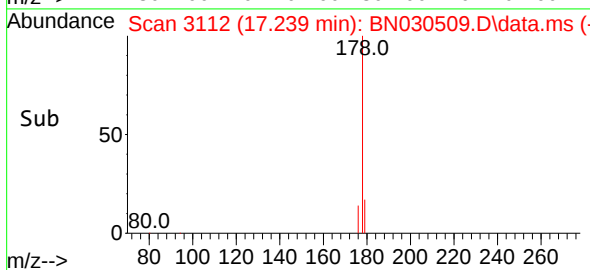
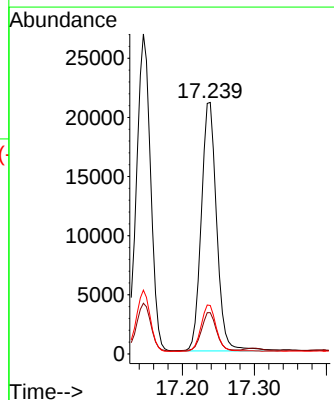
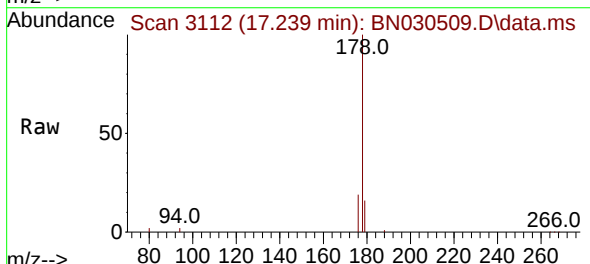
Instrument :
BNA_N
ClientSampleId :
EOLY4MS

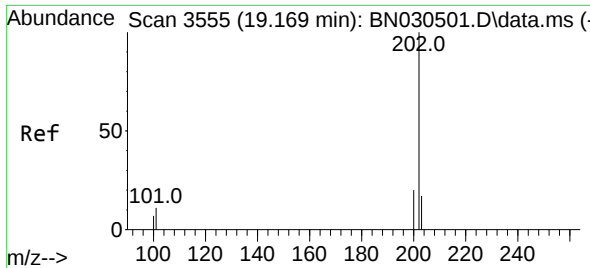
Tgt Ion:178 Resp: 36515
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 20.0 15.4 23.0



#16
Anthracene
Concen: 0.420 ng/ul
RT: 17.239 min Scan# 3112
Delta R.T. 0.001 min
Lab File: BN030509.D
Acq: 27 Mar 2024 17:30

Tgt Ion:178 Resp: 31161
Ion Ratio Lower Upper
178 100
179 16.4 12.5 18.7
176 19.3 15.3 22.9

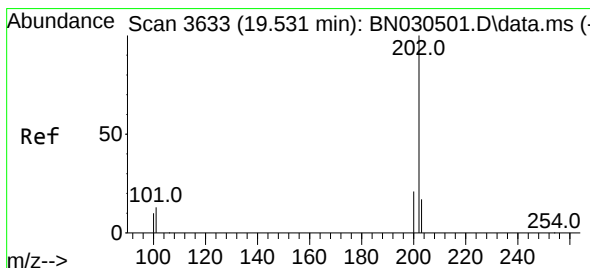
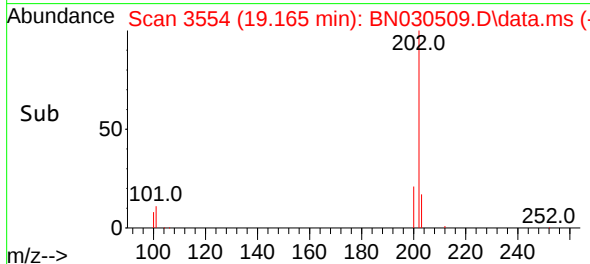
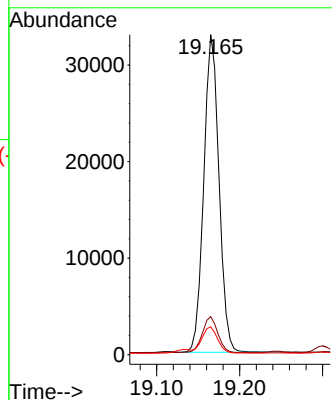
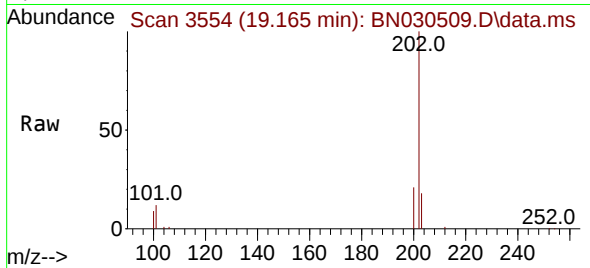




#19
Fluoranthene
Concen: 0.427 ng/ul
RT: 19.165 min Scan# 3554
Delta R.T. -0.004 min
Lab File: BN030509.D
Acq: 27 Mar 2024 17:30

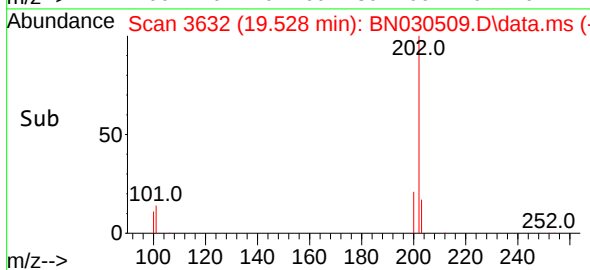
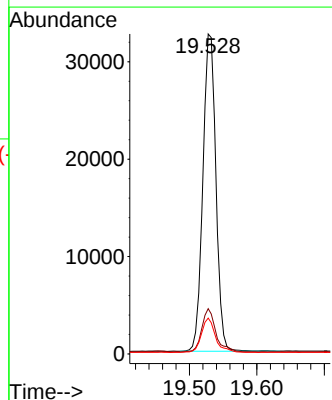
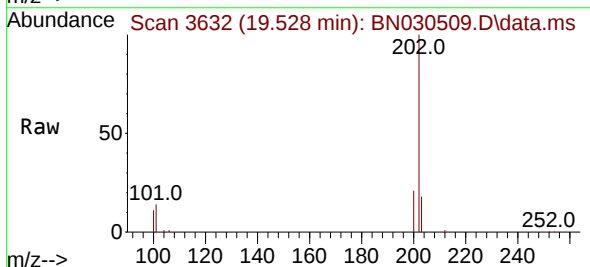
Instrument :
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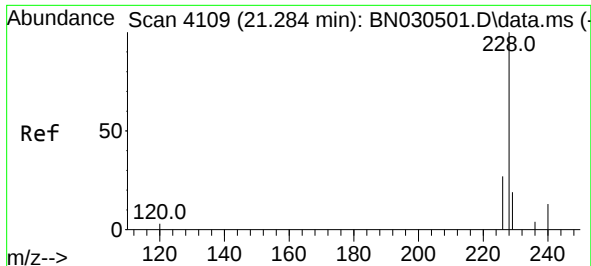
Tgt Ion:202 Resp: 41979
Ion Ratio Lower Upper
202 100
101 11.9 8.8 13.2
100 8.7 6.6 9.8



#20
Pyrene
Concen: 0.452 ng/ul
RT: 19.528 min Scan# 3632
Delta R.T. -0.004 min
Lab File: BN030509.D
Acq: 27 Mar 2024 17:30

Tgt Ion:202 Resp: 43759
Ion Ratio Lower Upper
202 100
101 14.1 10.3 15.5
100 11.2 8.2 12.2

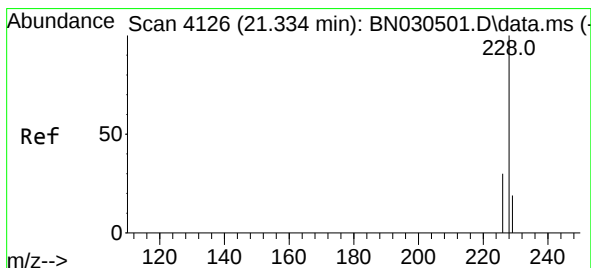
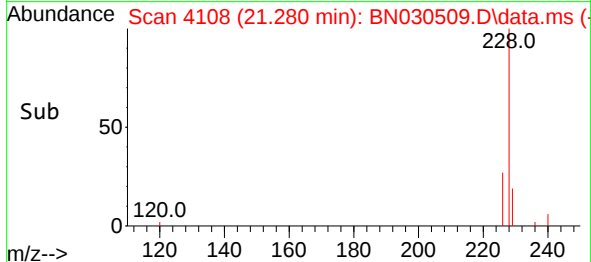
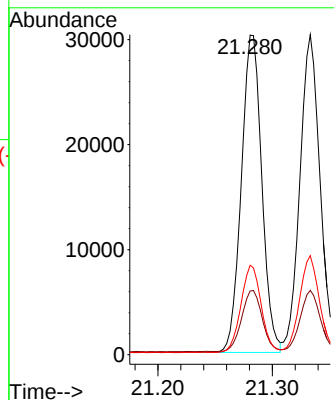
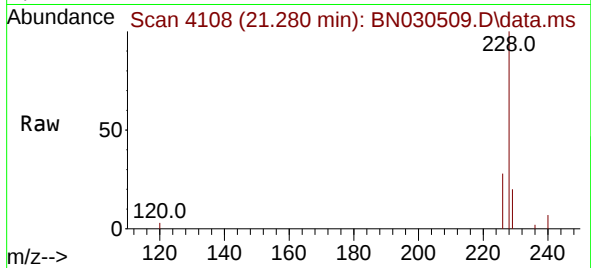




#21
Benzo(a)anthracene
Concen: 0.457 ng/ul
RT: 21.280 min Scan# 4109
Delta R.T. -0.004 min
Lab File: BN030509.D
Acq: 27 Mar 2024 17:30

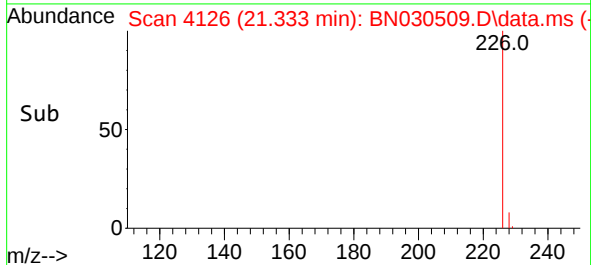
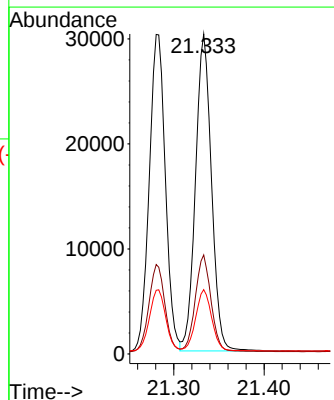
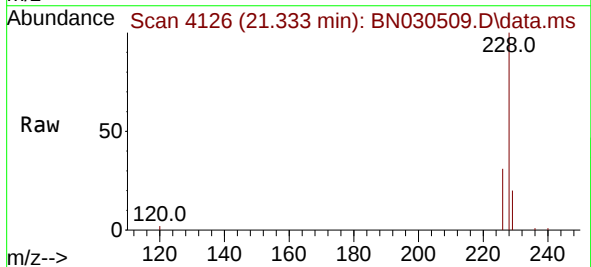
Instrument :
BNA_N
ClientSampleId :
E0LY4MS

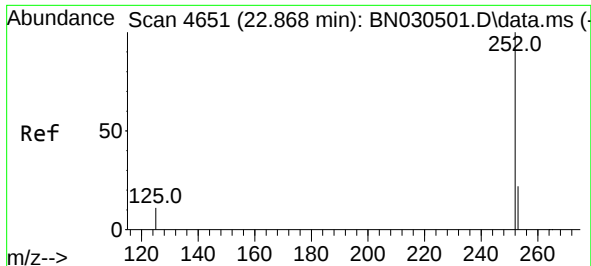
Tgt Ion:228 Resp: 37523
Ion Ratio Lower Upper
228 100
229 19.9 15.7 23.5
226 28.0 21.5 32.3



#22
Chrysene
Concen: 0.408 ng/ul
RT: 21.333 min Scan# 4126
Delta R.T. -0.001 min
Lab File: BN030509.D
Acq: 27 Mar 2024 17:30

Tgt Ion:228 Resp: 36995
Ion Ratio Lower Upper
228 100
226 31.0 24.1 36.1
229 20.1 15.6 23.4

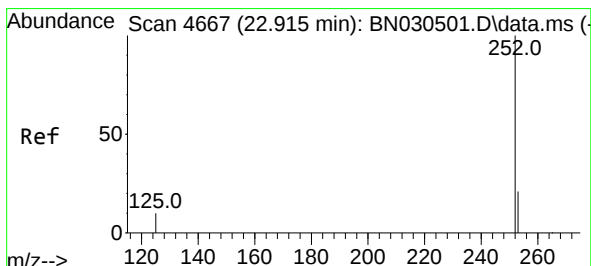
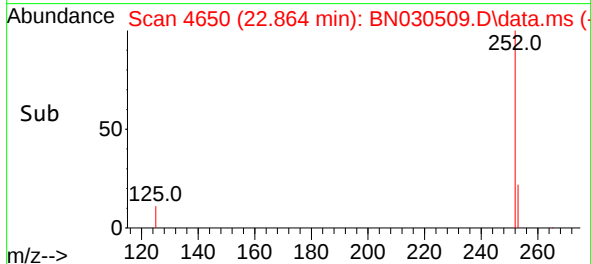
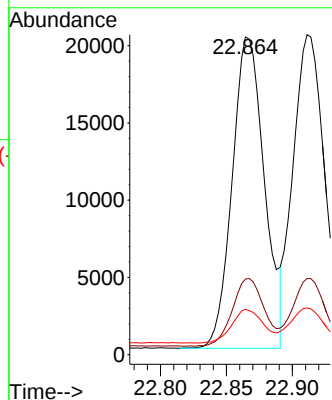
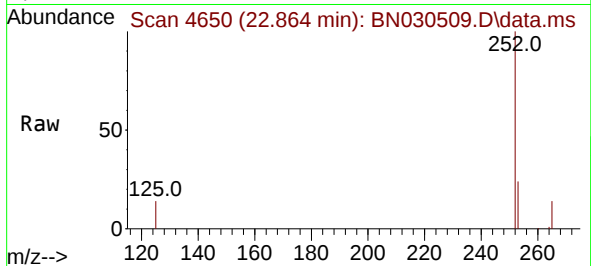




#24
Benzo(b)fluoranthene
Concen: 0.413 ng/ul
RT: 22.864 min Scan# 4650
Delta R.T. -0.004 min
Lab File: BN030509.D
Acq: 27 Mar 2024 17:30

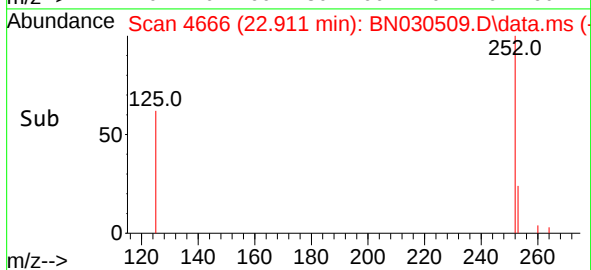
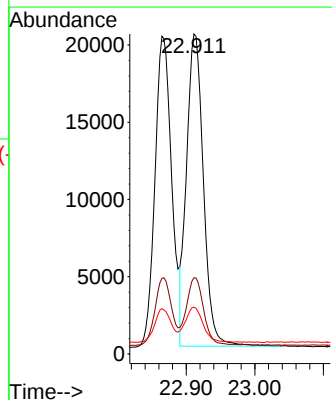
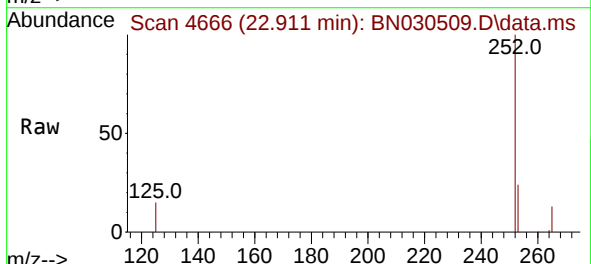
Instrument :
BNA_N
ClientSampleId :
EOLY4MS

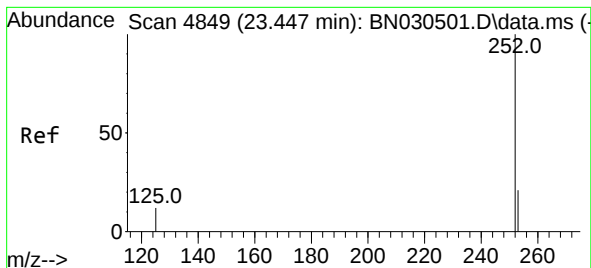
Tgt Ion:252 Resp: 34307
Ion Ratio Lower Upper
252 100
253 23.8 0.0 47.4
125 14.3 0.0 28.4



#25
Benzo(k)fluoranthene
Concen: 0.394 ng/ul
RT: 22.911 min Scan# 4666
Delta R.T. -0.004 min
Lab File: BN030509.D
Acq: 27 Mar 2024 17:30

Tgt Ion:252 Resp: 34475
Ion Ratio Lower Upper
252 100
253 23.8 19.0 28.4
125 14.6 11.6 17.4





#26

Benzo(a)pyrene

Concen: 0.415 ng/ul

RT: 23.446 min Scan# 4849

Delta R.T. -0.001 min

Lab File: BN030509.D

Acq: 27 Mar 2024 17:30

Instrument :

BNA_N

ClientSampleId :

EOLY4MS

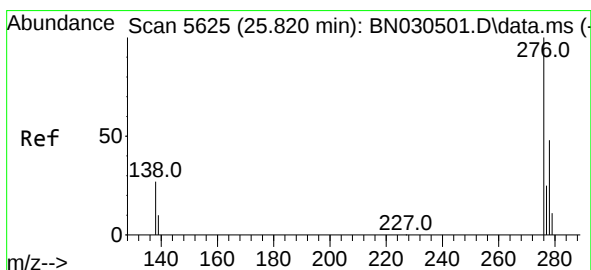
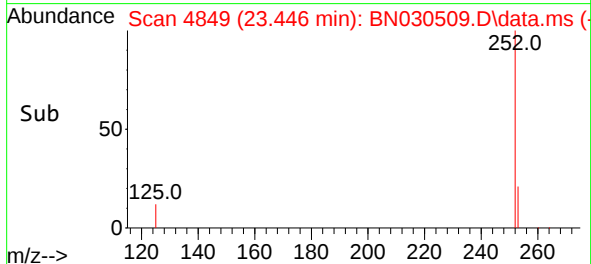
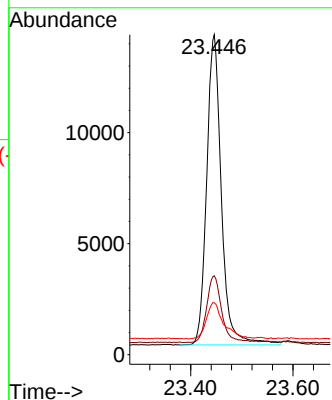
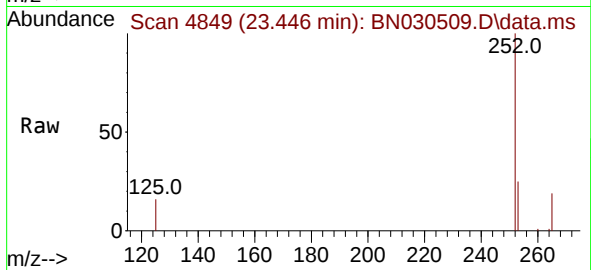
Tgt Ion:252 Resp: 27959

Ion Ratio Lower Upper

252 100

253 24.6 19.6 29.4

125 16.2 14.3 21.5



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.395 ng/ul

RT: 25.816 min Scan# 5624

Delta R.T. -0.004 min

Lab File: BN030509.D

Acq: 27 Mar 2024 17:30

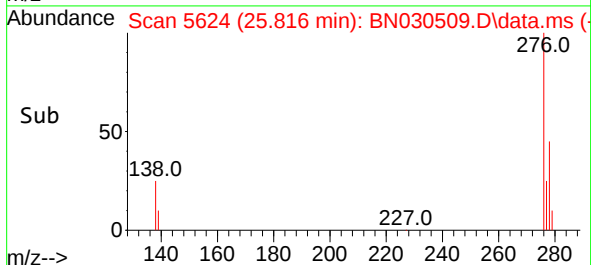
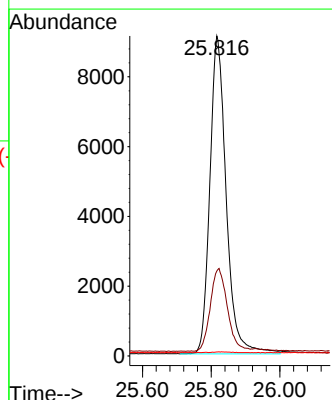
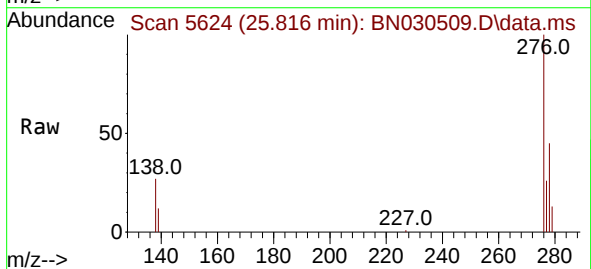
Tgt Ion:276 Resp: 30075

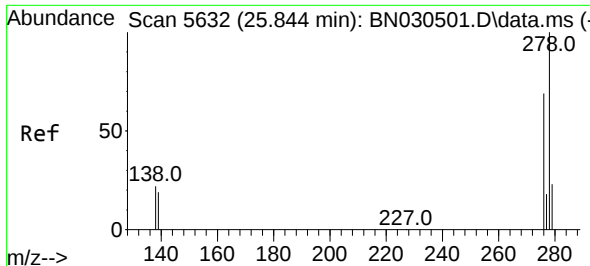
Ion Ratio Lower Upper

276 100

138 27.9 23.3 34.9

227 0.2 0.1 0.1#

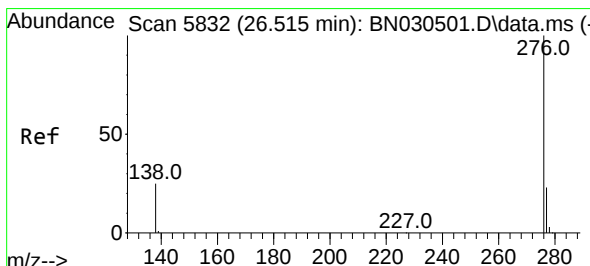
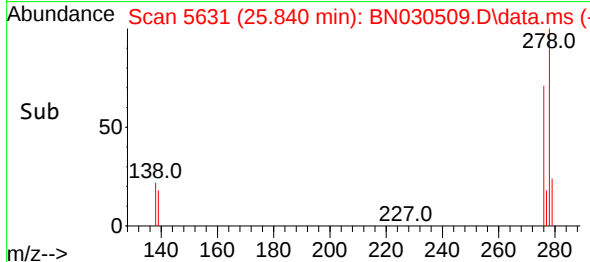
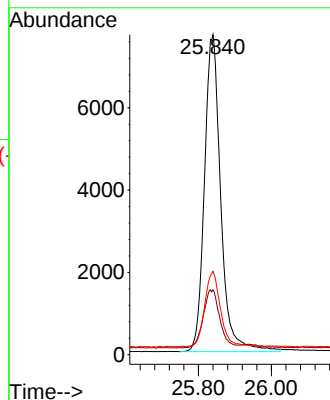
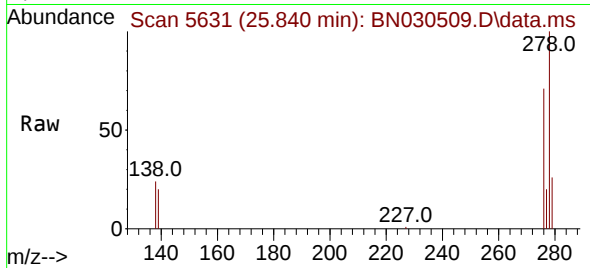




#28
Dibenzo(a,h)anthracene
Concen: 0.395 ng/ul
RT: 25.840 min Scan# 5632
Delta R.T. -0.004 min
Lab File: BN030509.D
Acq: 27 Mar 2024 17:30

Instrument :
BNA_N
ClientSampleId :
EOLY4MS

Tgt Ion:278 Resp: 23913
Ion Ratio Lower Upper
278 100
139 20.3 16.5 24.7
279 26.0 21.6 32.4



#29
Benzo(g,h,i)perylene
Concen: 0.370 ng/ul
RT: 26.510 min Scan# 5831
Delta R.T. -0.004 min
Lab File: BN030509.D
Acq: 27 Mar 2024 17:30

Tgt Ion:276 Resp: 23945
Ion Ratio Lower Upper
276 100
138 25.5 21.1 31.7
277 25.0 19.8 29.8

