

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
 Data File : BN024476.D
 Acq On : 22 Mar 2023 10:52
 Operator : CG/JU
 Sample : 01810-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCAF9

Quant Time: Mar 22 13:31:44 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 21 17:57:40 2023
 Response via : Initial Calibration

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

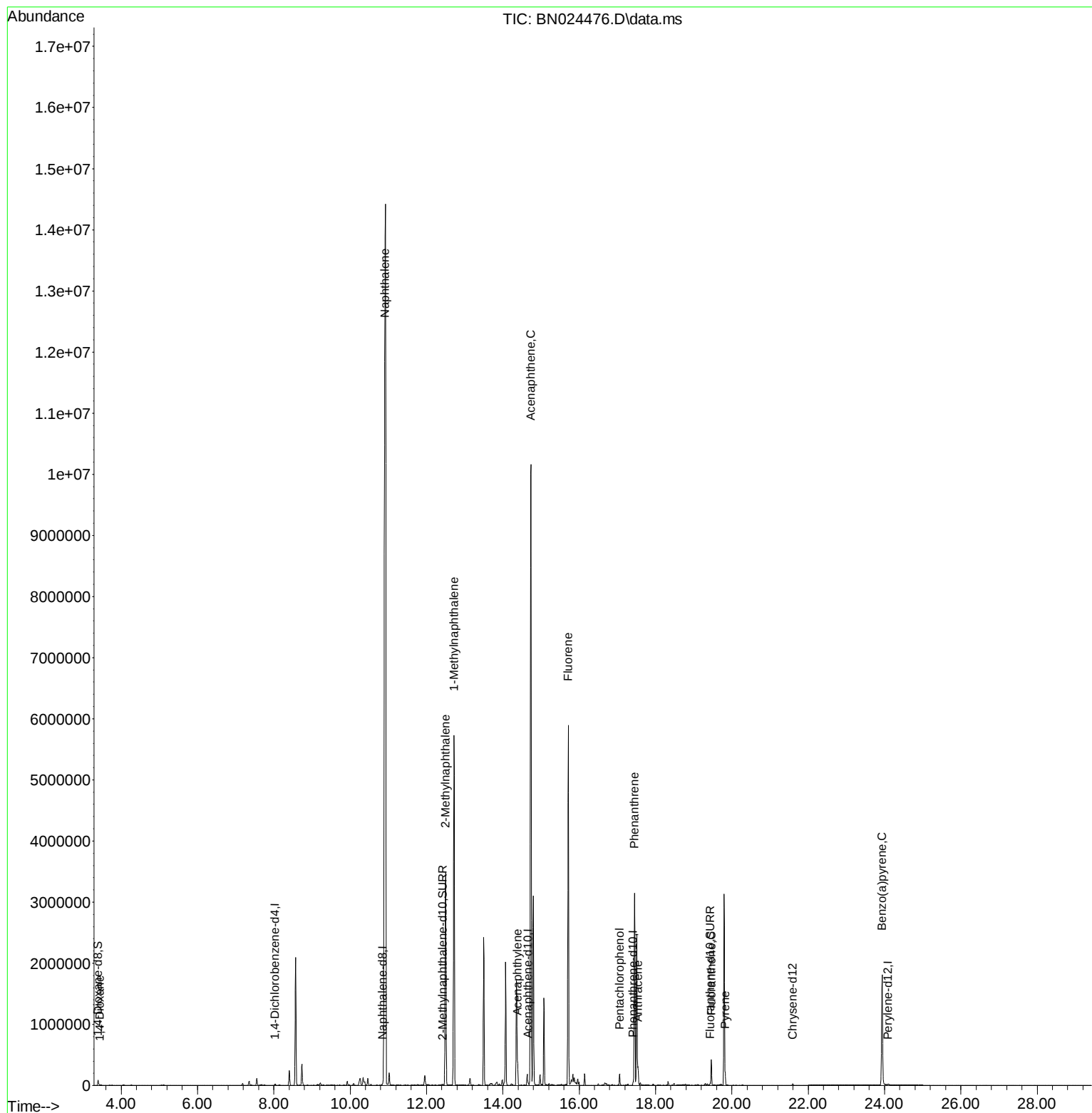
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.029	152	11667	0.400	ng/ul	0.00
4) Naphthalene-d8	10.850	136	34965	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	25254	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.409	188	40496	0.400	ng/ul	0.00
17) Chrysene-d12	21.594	240	28805	0.400	ng/ul	0.00
23) Perylene-d12	24.097	264	23954	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	59343	4.622	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	14681	0.353	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	35254	0.460	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.435	88	354	0.025	ng/ul#	45
5) Naphthalene	10.905	128	26508515	303.736	ng/ul#	92
7) 2-Methylnaphthalene	12.500	142	2482460	46.885	ng/ul	99
8) 1-Methylnaphthalene	12.720	142	4025143	72.337	ng/ul	99
10) Acenaphthylene	14.384	152	375104	3.560	ng/ul#	97
11) Acenaphthene	14.735	153	6499174	80.061	ng/ul	96
12) Fluorene	15.716	166	3893843	42.954	ng/ul	99
14) Pentachlorophenol	17.059	266	107622	9.568	ng/ul#	73
15) Phenanthrene	17.451	178	3416500	29.456	ng/ul	99
16) Anthracene	17.544	178	306506	3.012	ng/ul	99
19) Fluoranthene	19.459	202	343638	2.997	ng/ul	98
20) Pyrene	19.826	202	146844	1.263	ng/ul	100
26) Benzo(a)pyrene	23.936	252	9893	0.126	ng/ul#	58

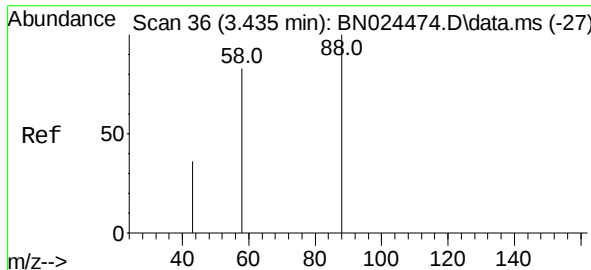
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dioxane

Concen: 0.025 ng/ul

RT: 3.435 min Scan#

Delta R.T. 0.000 min

Lab File: BN024476.D

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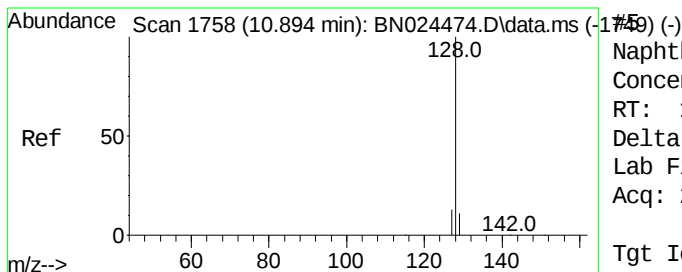
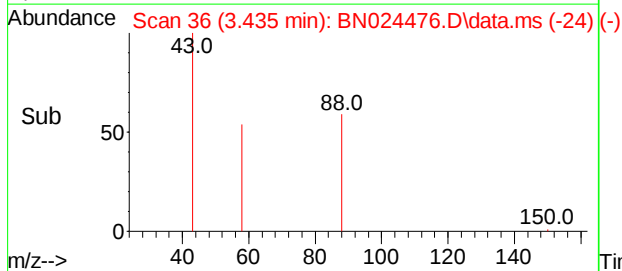
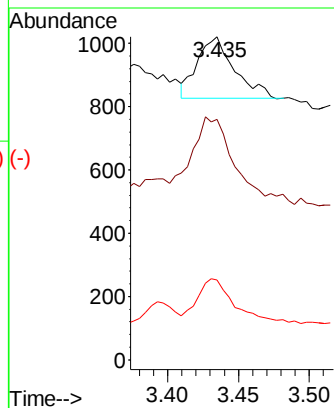
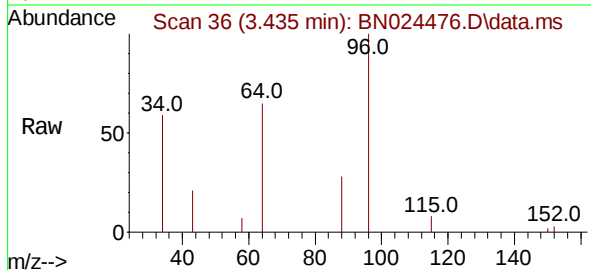
Tgt Ion: 88 Resp: 354

Ion Ratio Lower Upper

88 100

43 74.4 32.1 48.1#

58 24.7 55.1 82.7#



Naphthalene

Concen: 303.736 ng/ul

RT: 10.905 min Scan# 1760

Delta R.T. 0.005 min

Lab File: BN024476.D

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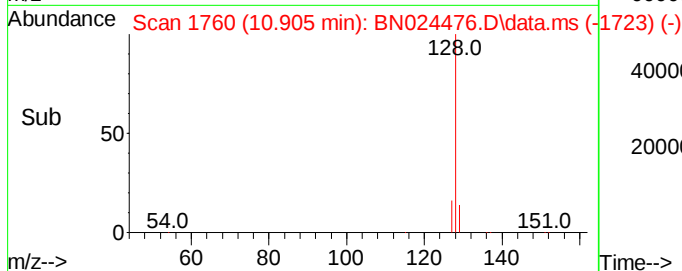
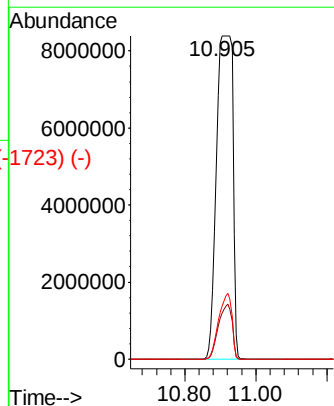
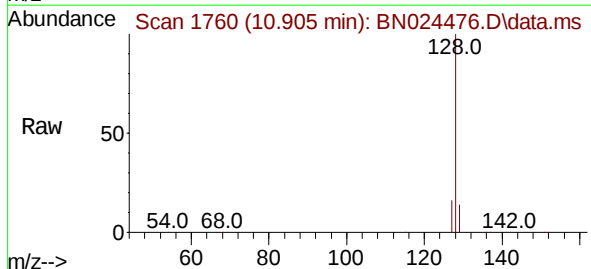
Tgt Ion:128 Resp:26508515

Ion Ratio Lower Upper

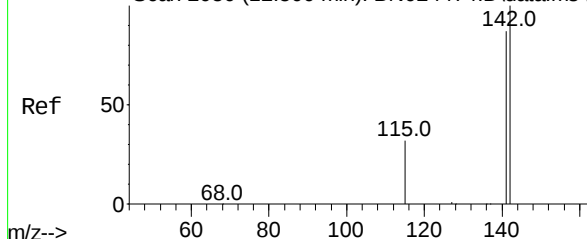
128 100

129 14.2 9.0 13.6#

127 16.3 10.5 15.7#



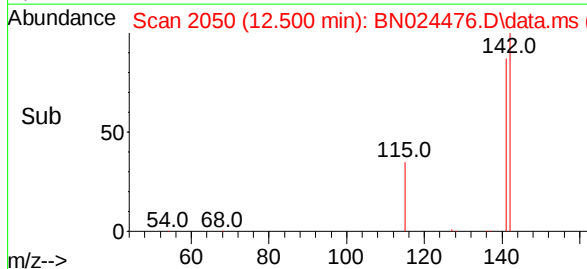
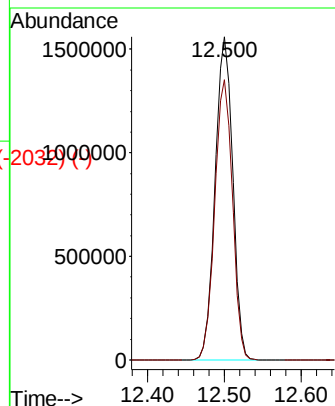
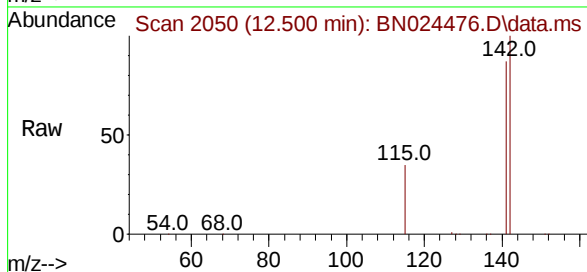
Abundance Scan 2050 (12.500 min): BN024474.D\data.ms (-2071) (-)



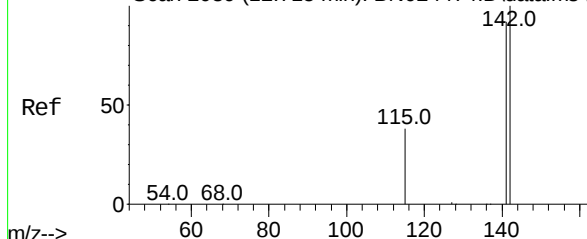
2-Methylnaphthalene
Concen: 46.885 ng/u1
RT: 12.500 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BN024476.D
Acq: 22 Mar 2023 10:52

Instrument :
BNA_N
ClientSampleId :
DCAF9

Tgt Ion:142 Resp: 2482460
Ion Ratio Lower Upper
142 100
141 87.2 70.3 105.5

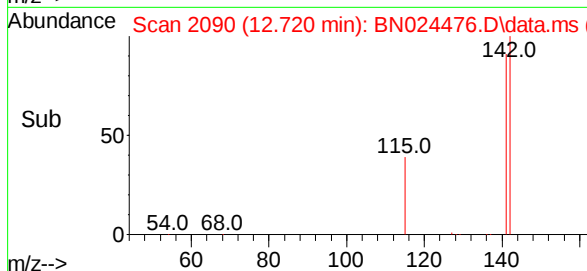
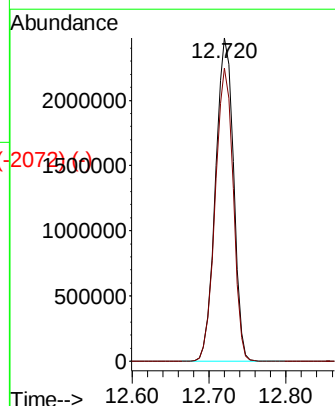
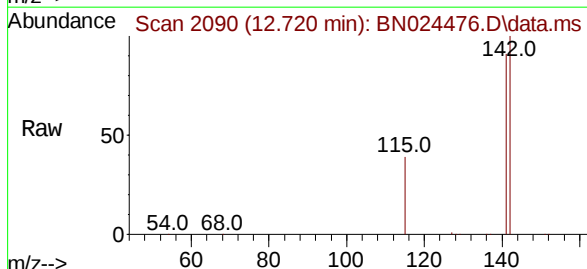


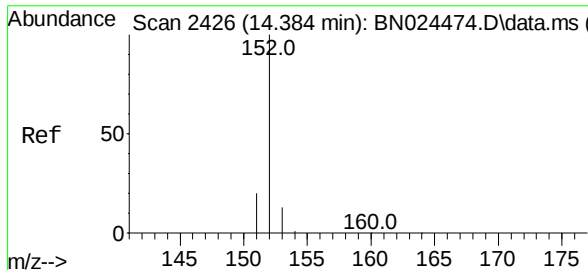
Abundance Scan 2089 (12.715 min): BN024474.D\data.ms (-2072) (-)



1-Methylnaphthalene
Concen: 72.337 ng/u1
RT: 12.720 min Scan# 2090
Delta R.T. -0.000 min
Lab File: BN024476.D
Acq: 22 Mar 2023 10:52

Tgt Ion:142 Resp: 4025143
Ion Ratio Lower Upper
142 100
141 90.3 73.0 109.6





Acenaphthylene

Concen: 3.560 ng/ul

RT: 14.384 min Scan# 2419

Delta R.T. -0.005 min

Lab File: BN024476.D

Acq: 22 Mar 2023 10:52

Instrument :

BNA_N

ClientSampleId :

DCAF9

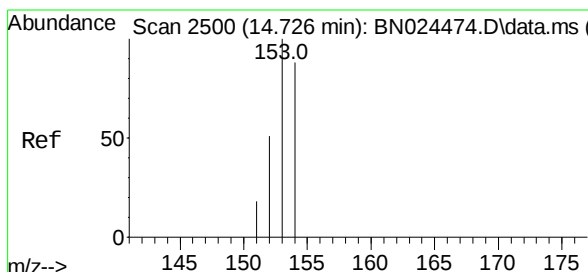
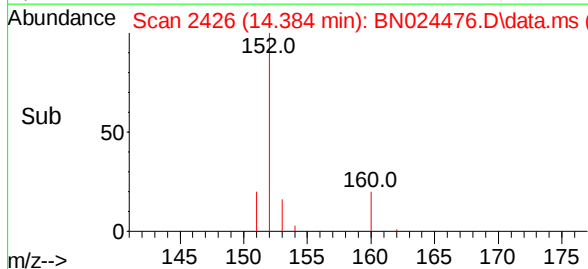
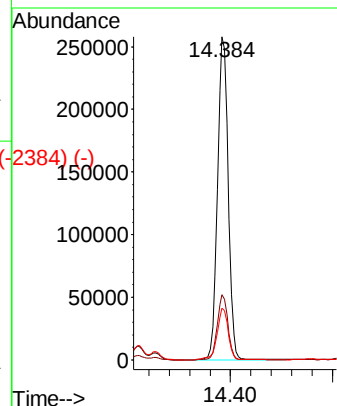
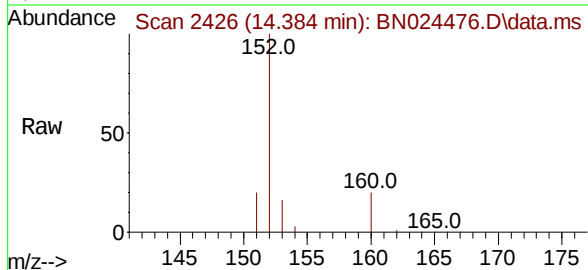
Tgt Ion:152 Resp: 375104

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

153 16.0 10.6 16.0#



Acenaphthene

Concen: 80.061 ng/ul

RT: 14.735 min Scan# 2502

Delta R.T. 0.005 min

Lab File: BN024476.D

Acq: 22 Mar 2023 10:52

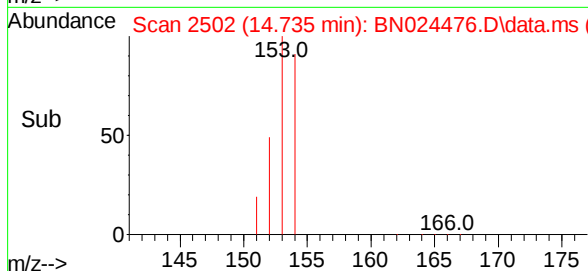
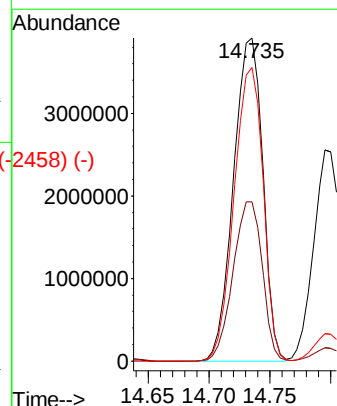
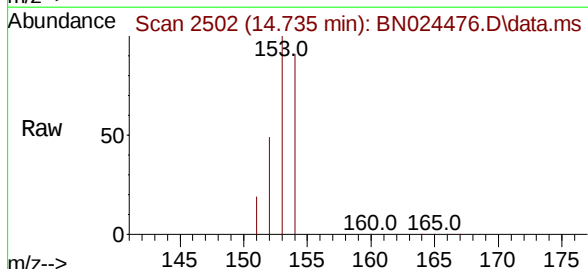
Tgt Ion:153 Resp: 6499174

Ion Ratio Lower Upper

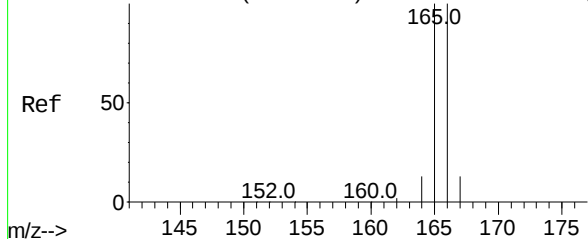
153 100

152 49.4 42.6 64.0

154 90.9 70.6 105.8



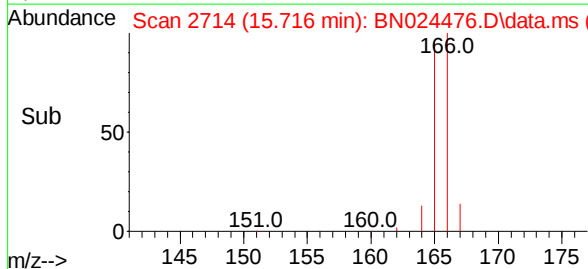
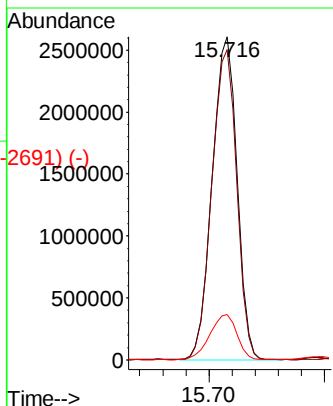
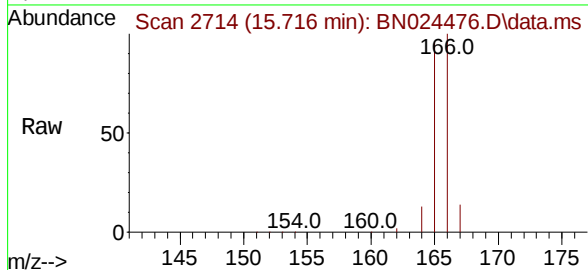
Abundance Scan 2712 (15.707 min): BN024474.D\data.ms (-2712) (-)



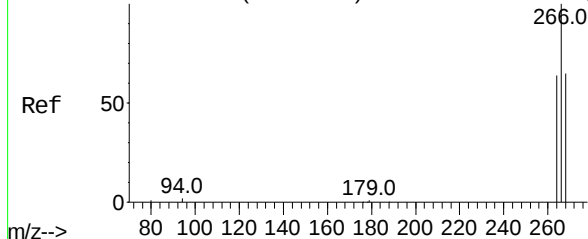
Fluorene
Concen: 42.954 ng/u1
RT: 15.716 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN024476.D
Acq: 22 Mar 2023 10:52

Instrument :
BNA_N
ClientSampleId :
DCAF9

Tgt Ion:166 Resp: 3893843
Ion Ratio Lower Upper
166 100
165 96.1 77.4 116.0
167 14.1 10.9 16.3

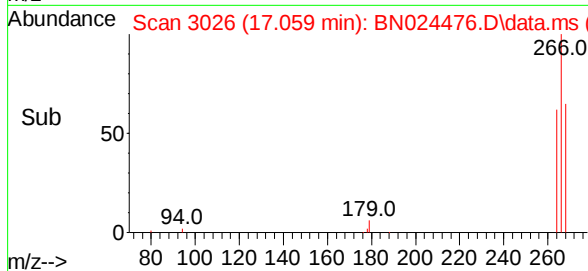
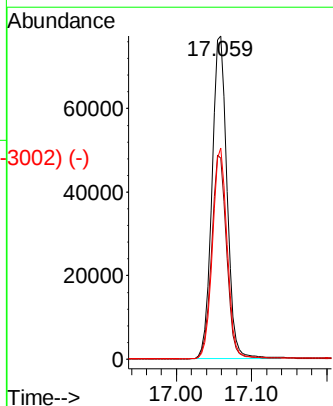
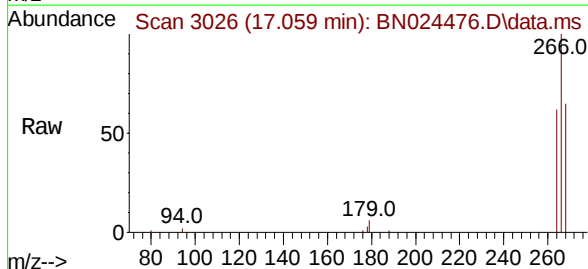


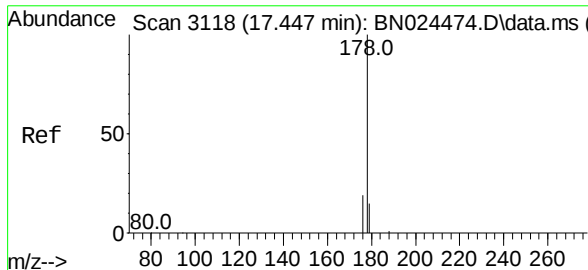
Abundance Scan 3026 (17.059 min): BN024474.D\data.ms (-3026) (-)



Pentachlorophenol
Concen: 9.568 ng/u1
RT: 17.059 min Scan# 3026
Delta R.T. -0.000 min
Lab File: BN024476.D
Acq: 22 Mar 2023 10:52

Tgt Ion:266 Resp: 107622
Ion Ratio Lower Upper
266 100
264 63.0 0.0 0.0#
268 64.1 0.1 0.1#

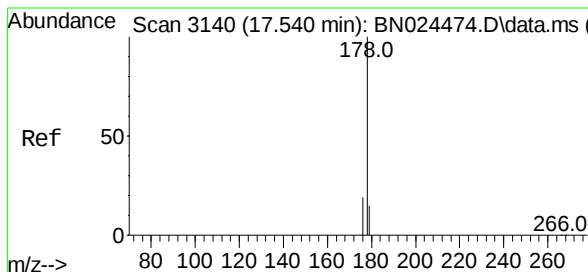
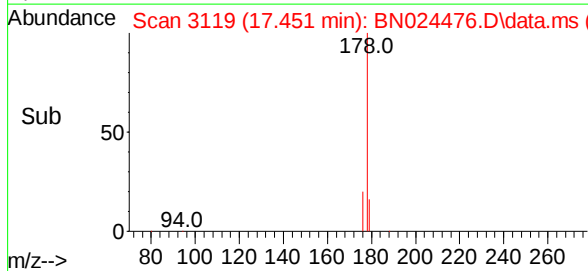
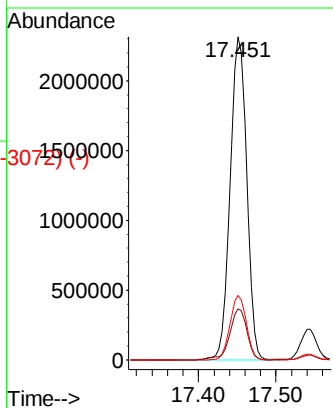
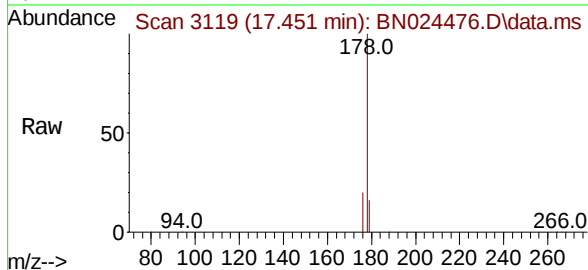




Phenanthrene
Concen: 29.456 ng/ul
RT: 17.451 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BN024476.D
Acq: 22 Mar 2023 10:52

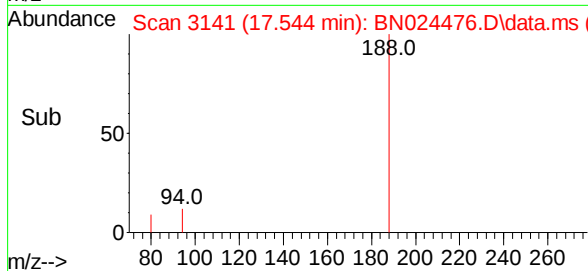
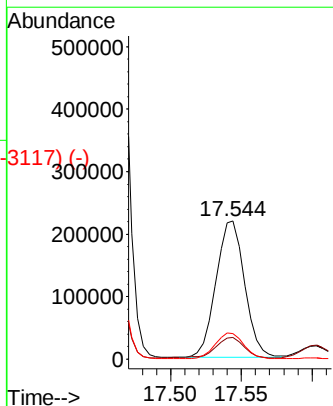
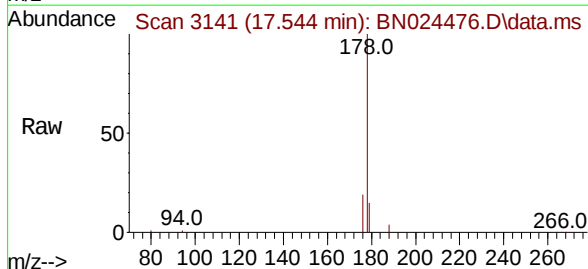
Instrument :
BNA_N
ClientSampleId :
DCAF9

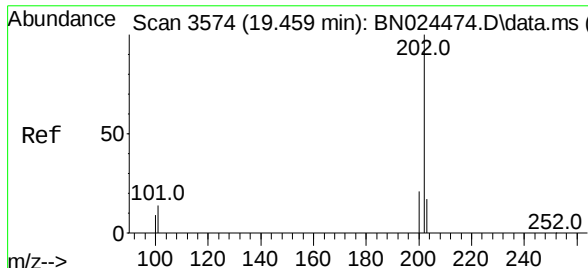
Tgt Ion:	178	Resp:	3416500
Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.2	18.2
176	19.9	15.7	23.5



Anthracene
Concen: 3.012 ng/ul
RT: 17.544 min Scan# 3141
Delta R.T. -0.000 min
Lab File: BN024476.D
Acq: 22 Mar 2023 10:52

Tgt Ion:	178	Resp:	306506
Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	18.6	15.3	22.9

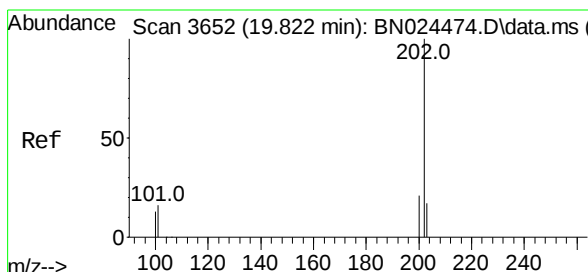
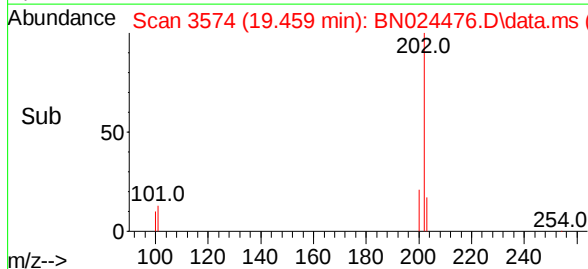
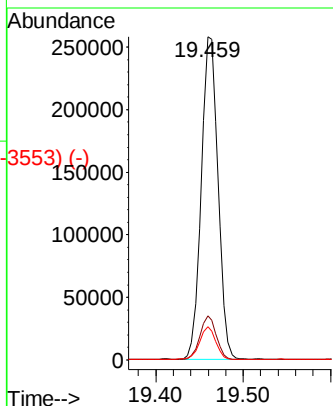
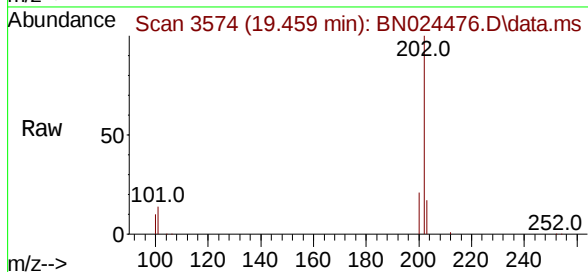




Fluoranthene
 Concen: 2.997 ng/u1
 RT: 19.459 min Scan# 3574
 Delta R.T. -0.005 min
 Lab File: BN024476.D
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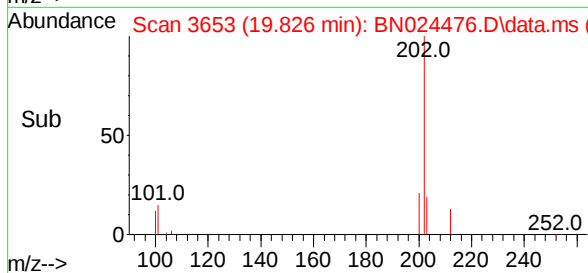
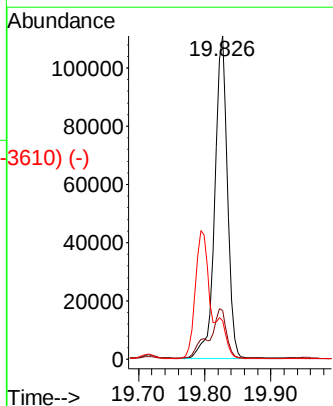
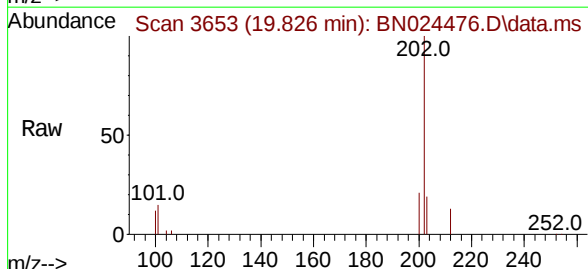
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Tgt Ion:	202	Resp:	343638
Ion Ratio	Lower	Upper	
202	100		
101	13.6	10.4	15.6
100	10.2	7.7	11.5

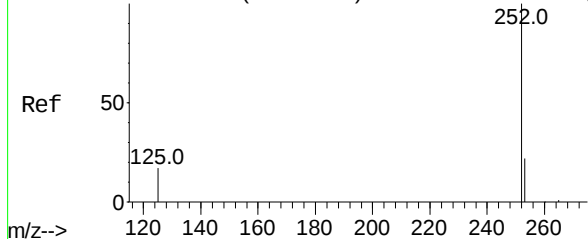


Pyrene
 Concen: 1.263 ng/u1
 RT: 19.826 min Scan# 3653
 Delta R.T. -0.000 min
 Lab File: BN024476.D
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Tgt Ion:	202	Resp:	146844
Ion Ratio	Lower	Upper	
202	100		
101	15.1	12.1	18.1
100	11.8	9.4	14.0



Abundance Scan 4984 (23.968 min): BN024474.D\data.ms (-4925) (-)



Benzo(a)pyrene
Concen: 0.126 ng/ul
RT: 23.936 min Scan# 4925
Delta R.T. -0.032 min
Lab File: BN024476.D
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Tgt Ion:	252	Resp:	9893
Ion	Ratio	Lower	Upper
252	100		
253	43.0	19.2	28.8#
125	40.4	15.8	23.6#

