

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052022\
 Data File : BN019902.D
 Acq On : 21 May 2022 11:35
 Operator : CG/JU
 Sample : N2843-22
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTD7

Quant Time: May 23 01:48:25 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 01:41:05 2022
 Response via : Initial Calibration

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

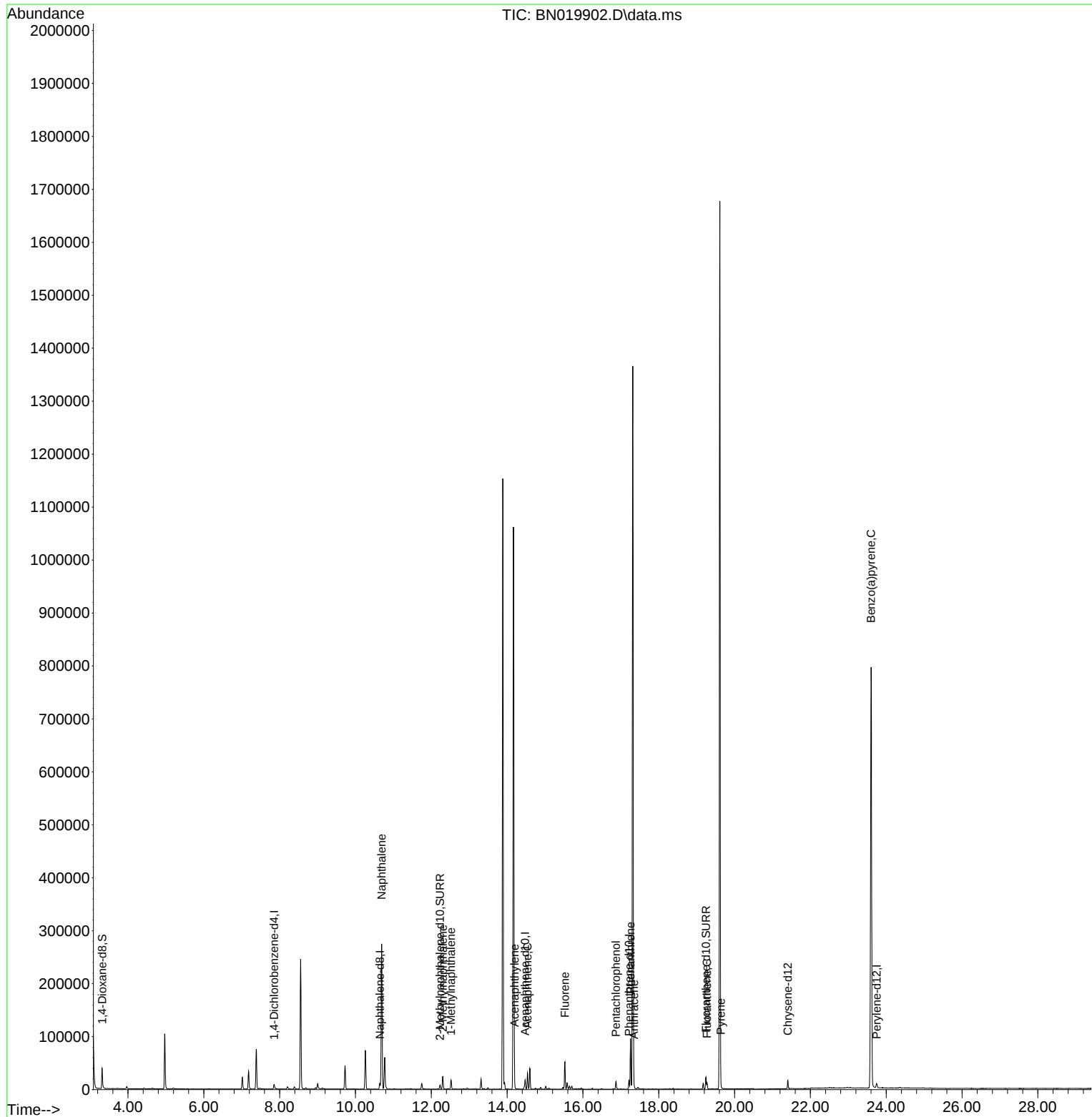
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	4627	0.400	ng/ul	0.00
4) Naphthalene-d8	10.645	136	15371	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.474	164	9598	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	19634	0.400	ng/ul	0.00
17) Chrysene-d12	21.406	240	15182	0.400	ng/ul	0.00
23) Perylene-d12	23.747	264	11616	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	25711	4.695	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	10789	0.464	ng/ul	0.00
18) Fluoranthene-d10	19.244	212	24064	0.501	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.689	128	386202	7.760	ng/ul	98
7) 2-Methylnaphthalene	12.306	142	17360	0.573	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	12205	0.435	ng/ul#	100
10) Acenaphthylene	14.197	152	5013	0.106	ng/ul#	89
11) Acenaphthene	14.539	153	17721	0.464	ng/ul	100
12) Fluorene	15.524	166	32904	0.786	ng/ul	99
14) Pentachlorophenol	16.871	266	9910	2.346	ng/ul	90
15) Phenanthrene	17.255	178	99485	1.377	ng/ul	99
16) Anthracene	17.348	178	5668	0.096	ng/ul	96
19) Fluoranthene	19.272	202	10386	0.149	ng/ul	97
20) Pyrene	19.639	202	4936	0.071	ng/ul#	94
26) Benzo(a)pyrene	23.601	252	4397	0.088	ng/ul#	62

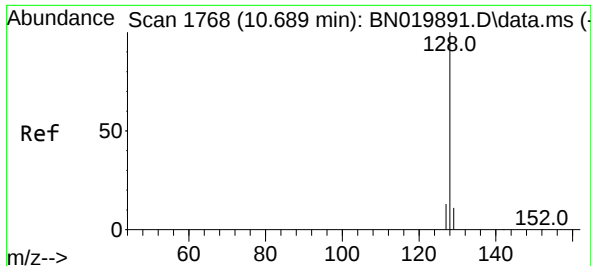
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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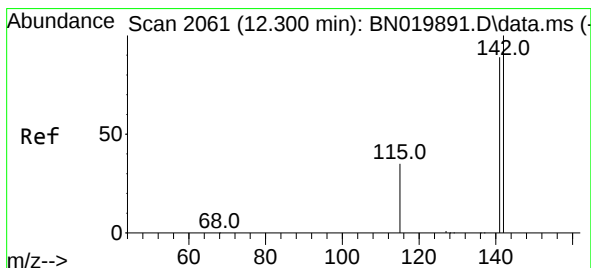
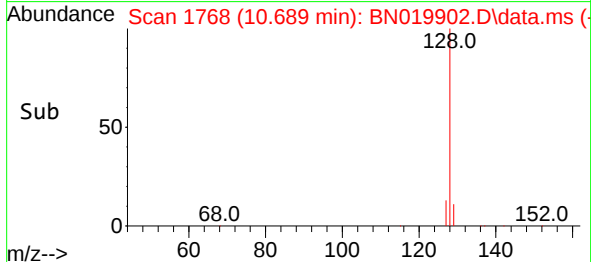
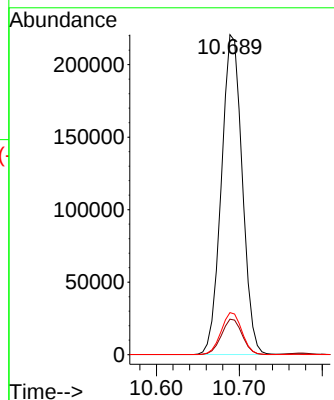
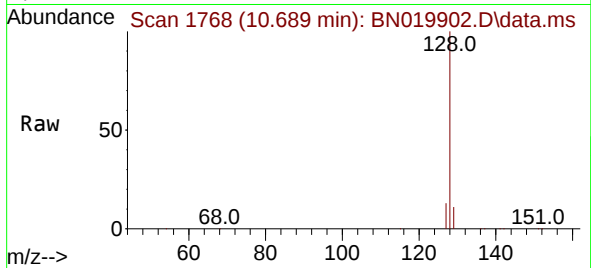




#5
Naphthalene
Concen: 7.760 ng/ul
RT: 10.689 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BN019902.D
Acq: 21 May 2022 11:35

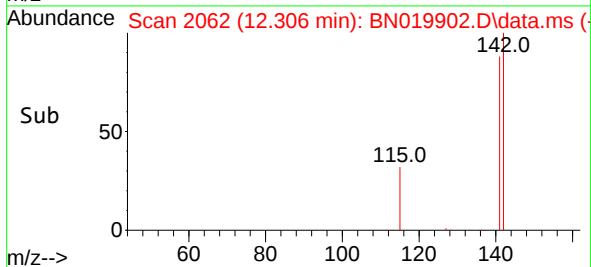
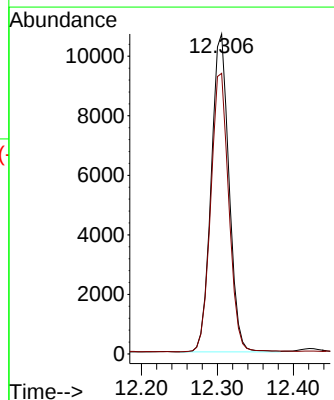
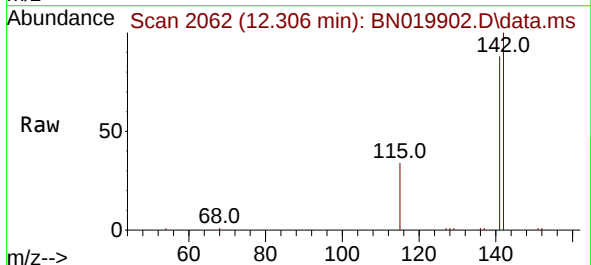
Instrument :
BNA_N
ClientSampleId :
DBTD7

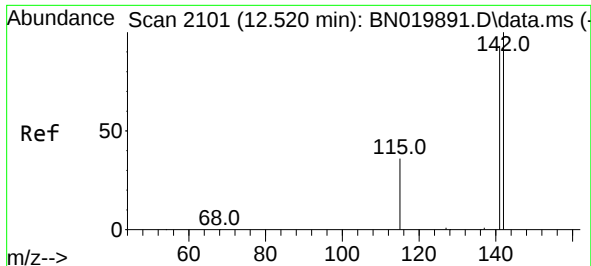
Tgt Ion:128 Resp: 386202
Ion Ratio Lower Upper
128 100
129 11.1 9.5 14.3
127 13.2 11.0 16.4



#7
2-Methylnaphthalene
Concen: 0.573 ng/ul
RT: 12.306 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BN019902.D
Acq: 21 May 2022 11:35

Tgt Ion:142 Resp: 17360
Ion Ratio Lower Upper
142 100
141 88.7 0.0 0.0#

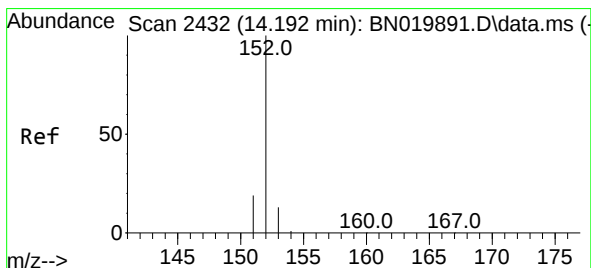
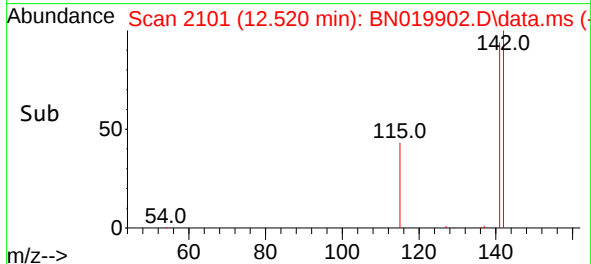
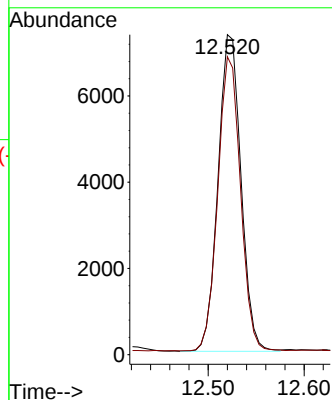
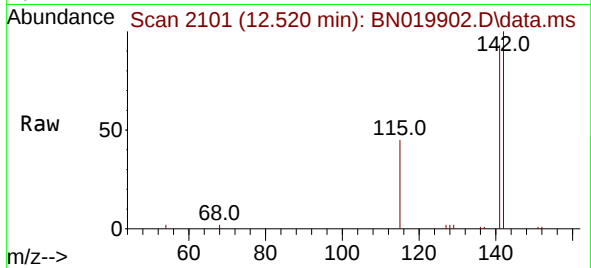




#8
1-Methylnaphthalene
Concen: 0.435 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.005 min
Lab File: BN019902.D
Acq: 21 May 2022 11:35

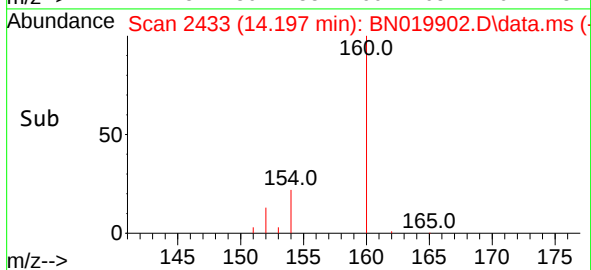
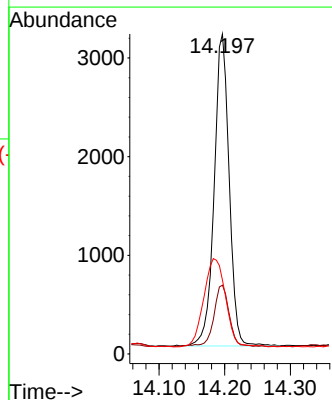
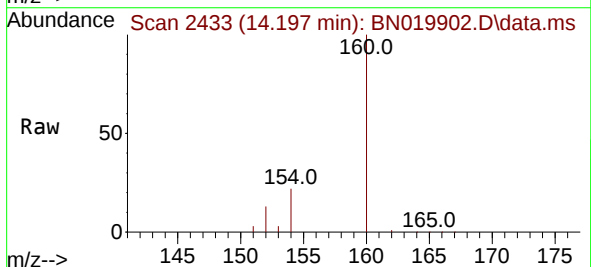
Instrument :
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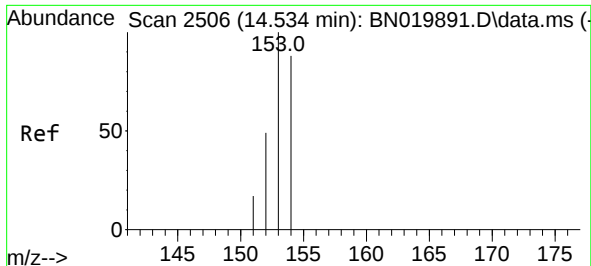
Tgt Ion:142 Resp: 12205
Ion Ratio Lower Upper
142 100
141 91.6 0.0 0.0#



#10
Acenaphthylene
Concen: 0.106 ng/ul
RT: 14.197 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BN019902.D
Acq: 21 May 2022 11:35

Tgt Ion:152 Resp: 5013
Ion Ratio Lower Upper
152 100
151 21.5 16.3 24.5
153 23.1 11.1 16.7#

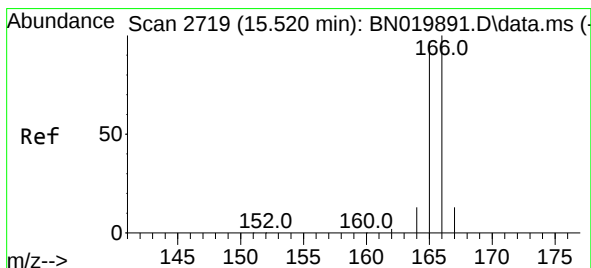
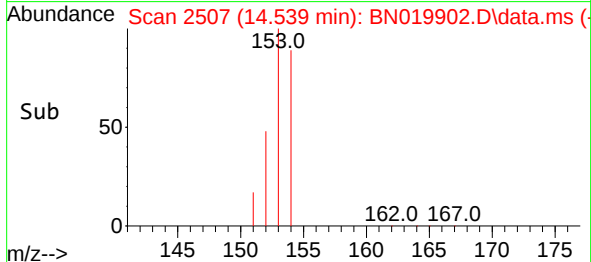
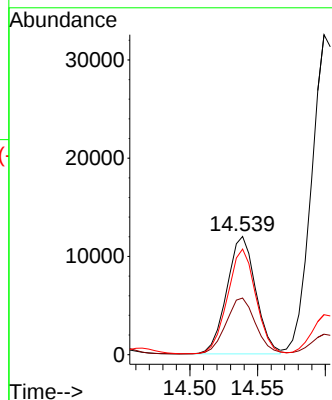
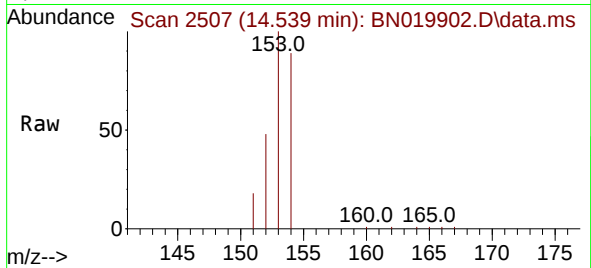




#11
Acenaphthene
Concen: 0.464 ng/ul
RT: 14.539 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN019902.D
Acq: 21 May 2022 11:35

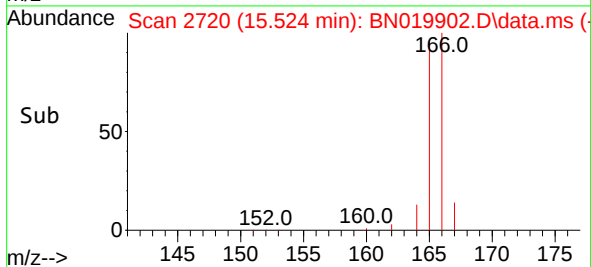
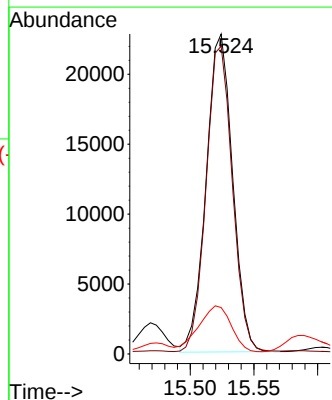
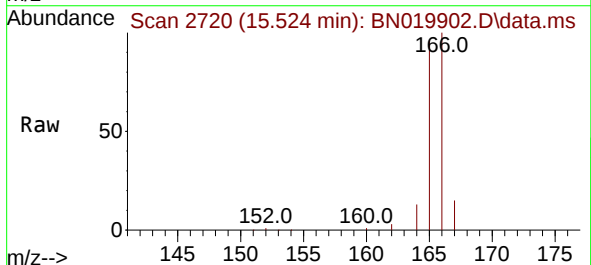
Instrument :
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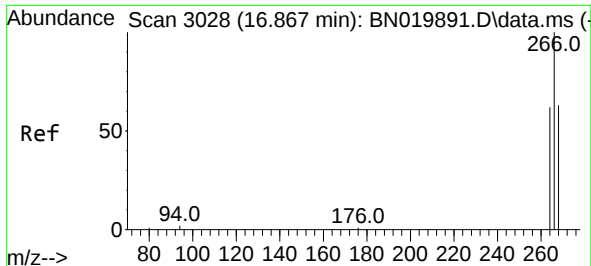
Tgt Ion:153 Resp: 17721
Ion Ratio Lower Upper
153 100
152 47.9 38.6 57.8
154 89.2 71.2 106.8



#12
Fluorene
Concen: 0.786 ng/ul
RT: 15.524 min Scan# 2720
Delta R.T. 0.000 min
Lab File: BN019902.D
Acq: 21 May 2022 11:35

Tgt Ion:166 Resp: 32904
Ion Ratio Lower Upper
166 100
165 96.2 78.2 117.2
167 14.5 11.3 16.9

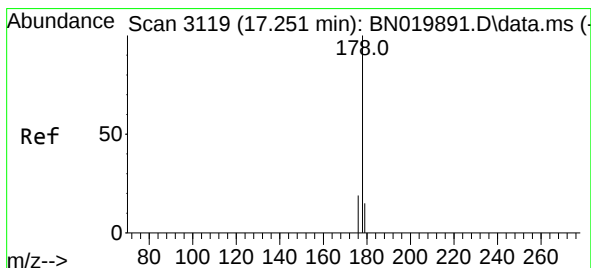
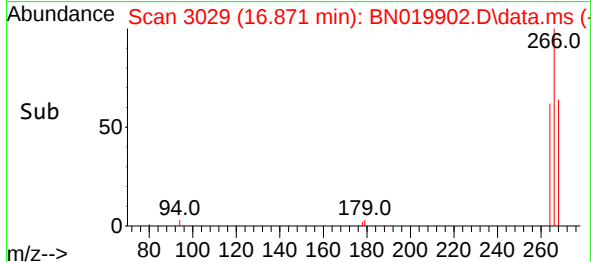
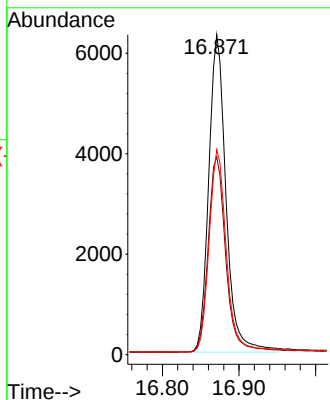
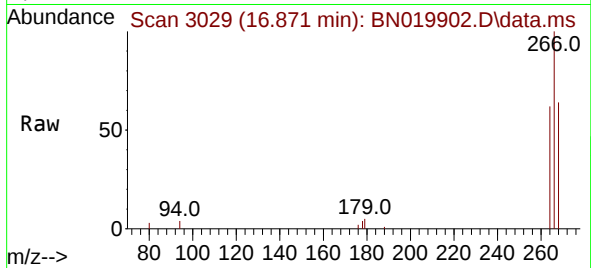




#14
 Pentachlorophenol
 Concen: 2.346 ng/ul
 RT: 16.871 min Scan# 3028
 Delta R.T. 0.004 min
 Lab File: BN019902.D
 Acq: 21 May 2022 11:35

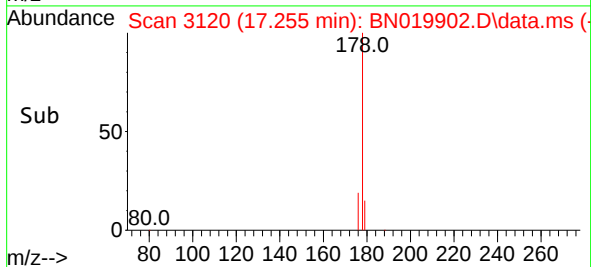
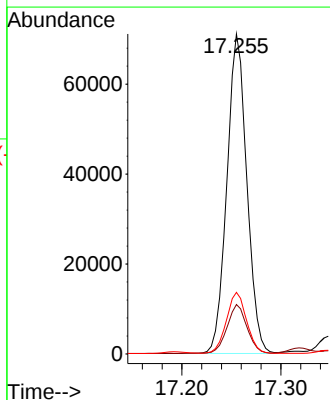
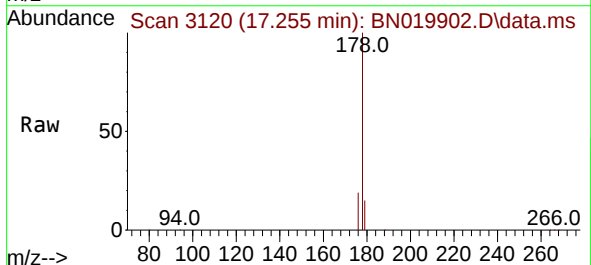
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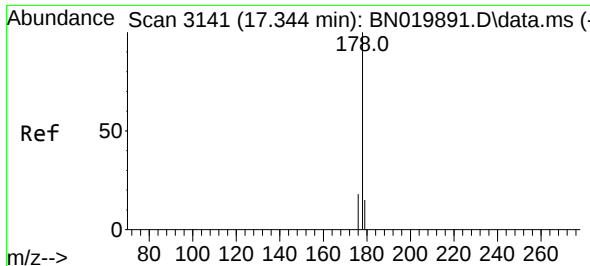
Tgt Ion:266 Resp: 9910
 Ion Ratio Lower Upper
 266 100
 264 62.8 44.9 67.3
 268 63.7 44.6 67.0



#15
 Phenanthrene
 Concen: 1.377 ng/ul
 RT: 17.255 min Scan# 3120
 Delta R.T. 0.000 min
 Lab File: BN019902.D
 Acq: 21 May 2022 11:35

Tgt Ion:178 Resp: 99485
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.9 19.3
 176 19.3 15.5 23.3

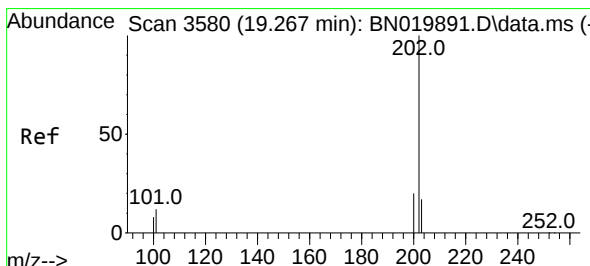
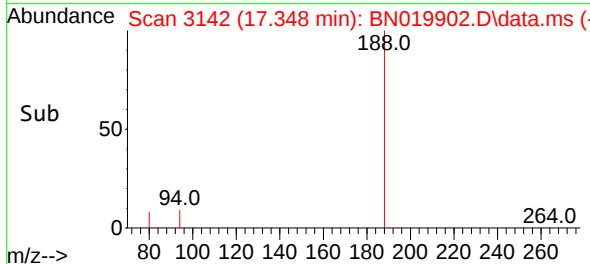
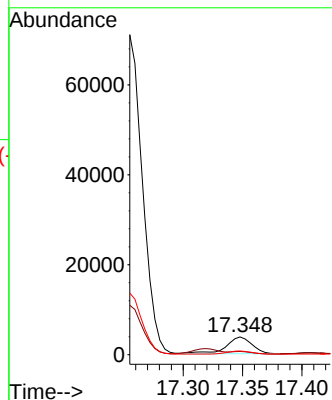
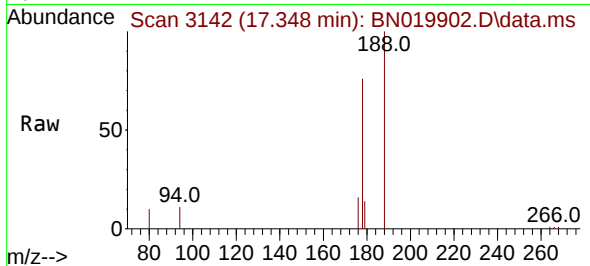




#16
 Anthracene
 Concen: 0.096 ng/ul
 RT: 17.348 min Scan# 3141
 Delta R.T. 0.000 min
 Lab File: BN019902.D
 Acq: 21 May 2022 11:35

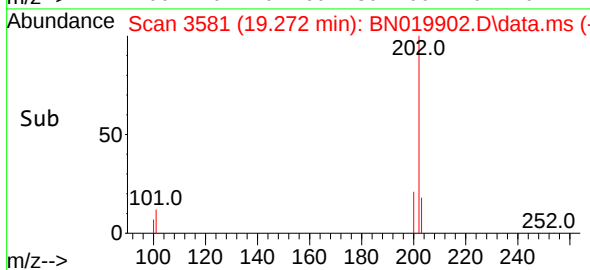
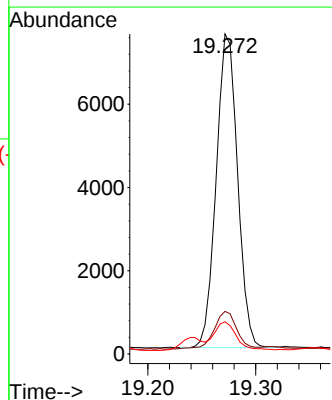
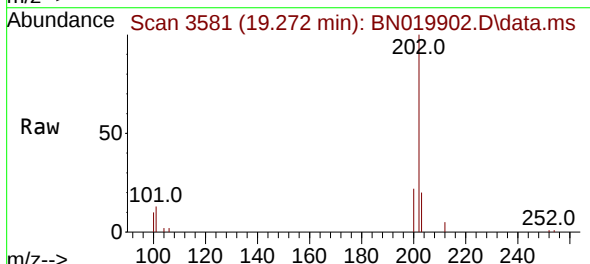
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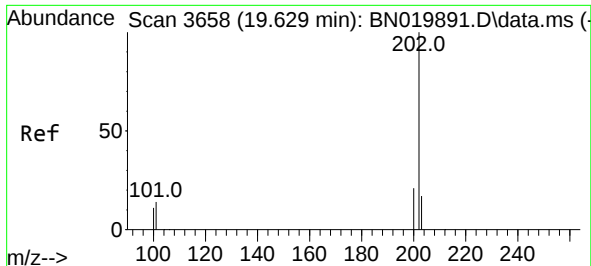
Tgt Ion:178 Resp: 5668
 Ion Ratio Lower Upper
 178 100
 179 18.2 13.1 19.7
 176 21.0 15.3 22.9



#19
 Fluoranthene
 Concen: 0.149 ng/ul
 RT: 19.272 min Scan# 3581
 Delta R.T. 0.000 min
 Lab File: BN019902.D
 Acq: 21 May 2022 11:35

Tgt Ion:202 Resp: 10386
 Ion Ratio Lower Upper
 202 100
 101 13.3 9.7 14.5
 100 10.0 7.4 11.2

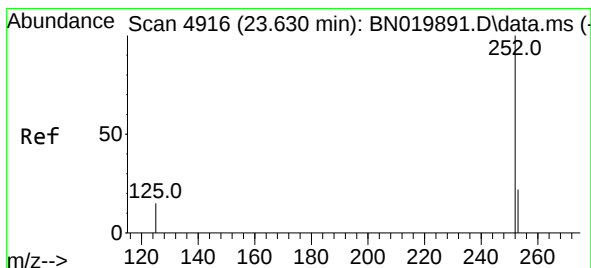
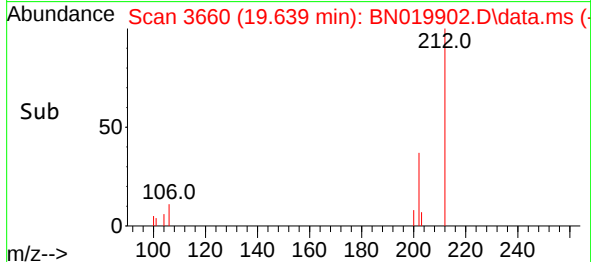
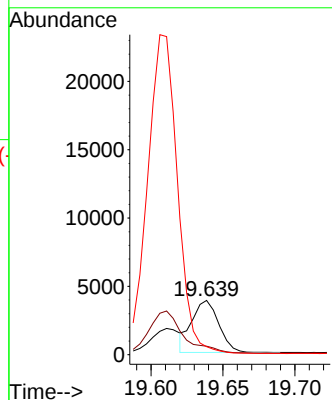
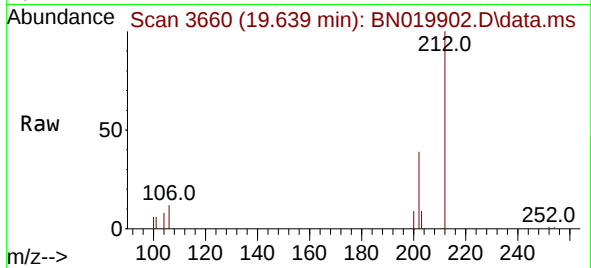




#20
Pyrene
Concen: 0.071 ng/u1
RT: 19.639 min Scan# 30
Delta R.T. 0.005 min
Lab File: BN019902.D
Acq: 21 May 2022 11:35

Instrument :
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ClientSampleId :
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Tgt Ion:202 Resp: 4936
Ion Ratio Lower Upper
202 100
101 15.6 11.4 17.0
100 14.9 9.0 13.4#



#26
Benzo(a)pyrene
Concen: 0.088 ng/u1
RT: 23.601 min Scan# 4906
Delta R.T. -0.038 min
Lab File: BN019902.D
Acq: 21 May 2022 11:35

Tgt Ion:252 Resp: 4397
Ion Ratio Lower Upper
252 100
253 46.7 23.4 35.0#
125 59.9 28.3 42.5#

