

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121222\
 Data File : BN023132.D
 Acq On : 12 Dec 2022 13:05
 Operator : CG/JU
 Sample : N5944-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GW-BR-04-100-114-120722

Quant Time: Dec 12 15:45:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 12 05:18:26 2022
 Response via : Initial Calibration

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

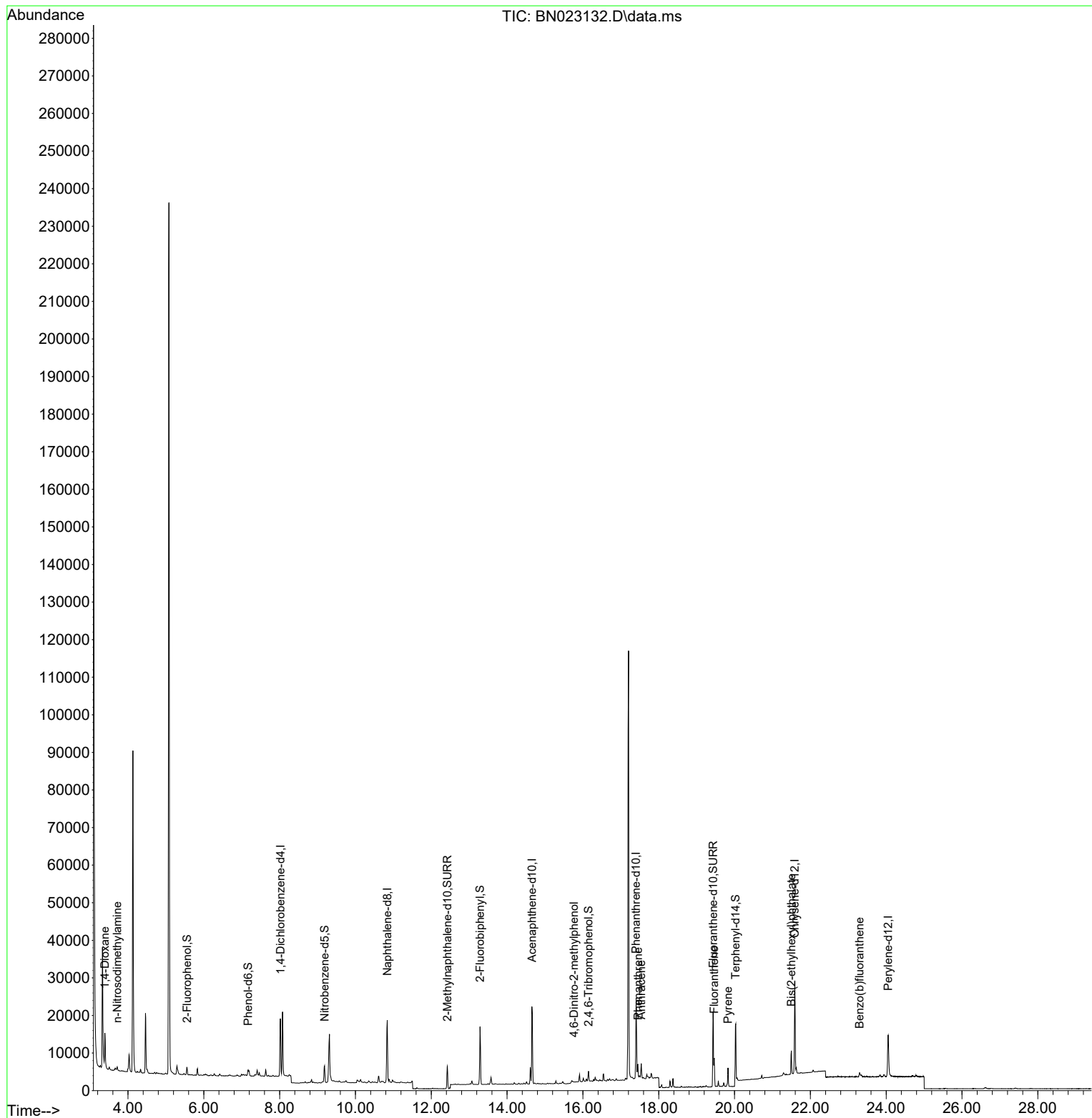
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.021	152	7267	0.400	ng	0.00
7) Naphthalene-d8	10.840	136	21791	0.400	ng	0.00
13) Acenaphthene-d10	14.656	164	11941	0.400	ng	0.00
19) Phenanthrene-d10	17.402	188	26617	0.400	ng	# 0.00
29) Chrysene-d12	21.589	240	20848	0.400	ng	# 0.00
35) Perylene-d12	24.053	264	16659	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.558	112	1583	0.117	ng	0.00
5) Phenol-d6	7.168	99	1268	0.074	ng	0.00
8) Nitrobenzene-d5	9.185	82	3755	0.262	ng	0.00
11) 2-Methylnaphthalene-d10	12.424	152	7708	0.209	ng	0.00
14) 2,4,6-Tribromophenol	16.148	330	1424	0.329	ng	0.00
15) 2-Fluorobiphenyl	13.287	172	12546	0.263	ng	0.00
27) Fluoranthene-d10	19.435	212	20477	0.329	ng	0.00
31) Terphenyl-d14	20.031	244	11969	0.354	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.391	88	5913	0.824	ng	# 92
3) n-Nitrosodimethylamine	3.716	42	143	0.020	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.764	198	18	0.235	ng	# 1
25) Phenanthrene	17.452	178	4646	0.059	ng	97
26) Anthracene	17.539	178	4367	0.069	ng	98
28) Fluoranthene	19.465	202	5763	0.068	ng	# 95
30) Pyrene	19.827	202	4305	0.056	ng	# 96
34) Bis(2-ethylhexyl)phtha...	21.500	149	6217	0.219	ng	99
37) Benzo(b)fluoranthene	23.299	252	1488	0.022	ng	# 1

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

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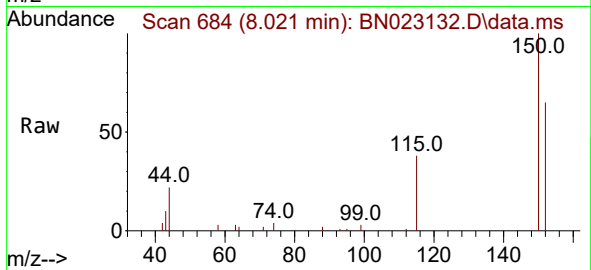
Quant Time: Dec 12 15:45:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 05:18:26 2022
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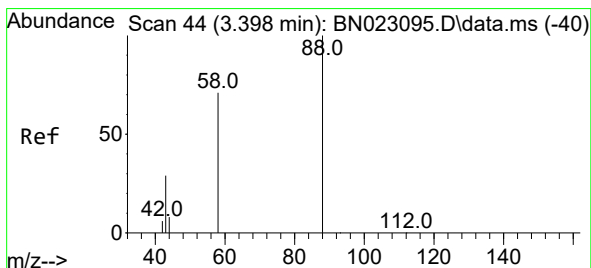
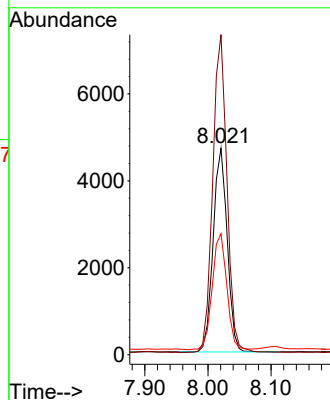
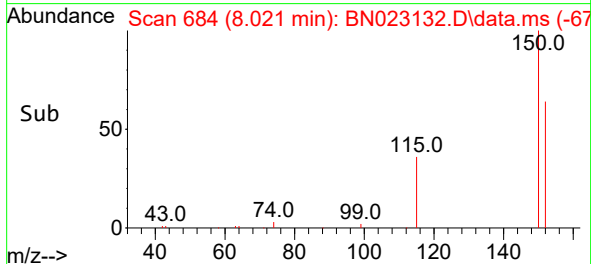


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.021 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN023132.D
 Acq: 12 Dec 2022 13:05

Instrument :
 BNA_N
 ClientSampleId :
 GW-BR-04-100-114-120722

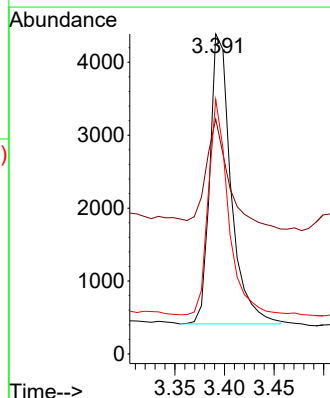
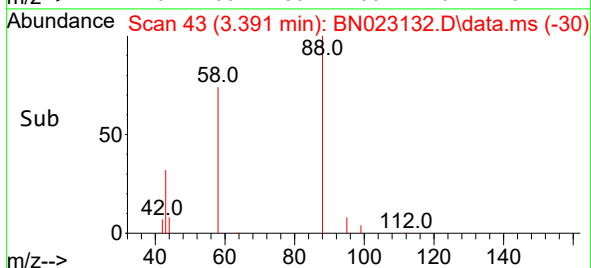
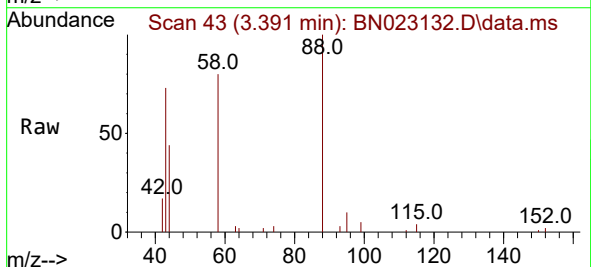


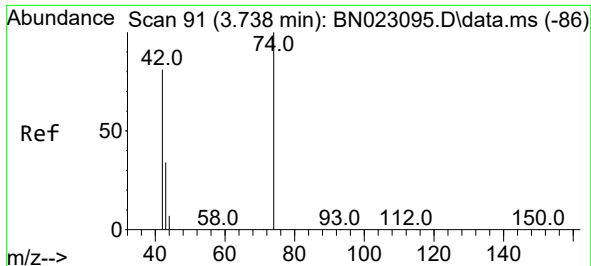
Tgt Ion:152 Resp: 7267
 Ion Ratio Lower Upper
 152 100
 150 155.0 125.6 188.4
 115 58.7 49.0 73.4



#2
 1,4-Dioxane
 Concen: 0.824 ng
 RT: 3.391 min Scan# 43
 Delta R.T. -0.007 min
 Lab File: BN023132.D
 Acq: 12 Dec 2022 13:05

Tgt Ion: 88 Resp: 5913
 Ion Ratio Lower Upper
 88 100
 43 41.0 23.3 34.9#
 58 70.3 58.0 87.0

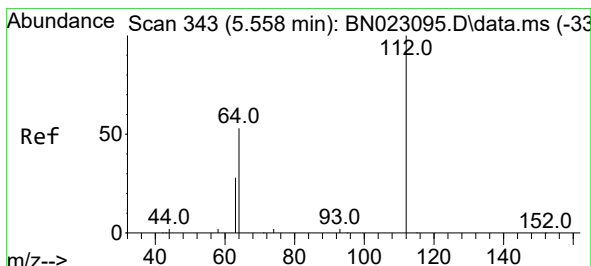
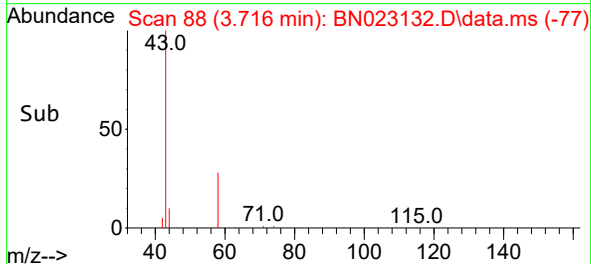
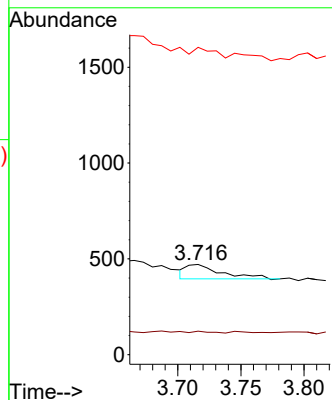
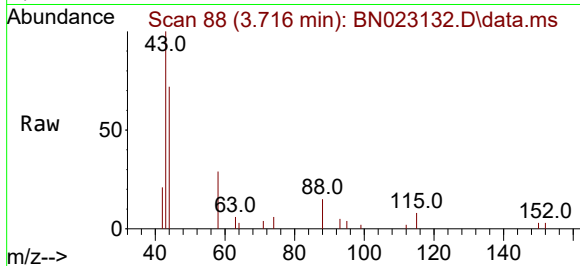




#3
n-Nitrosodimethylamine
Concen: 0.020 ng
RT: 3.716 min Scan# 81
Delta R.T. -0.022 min
Lab File: BN023132.D
Acq: 12 Dec 2022 13:05

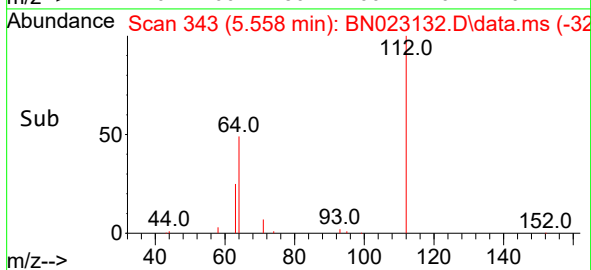
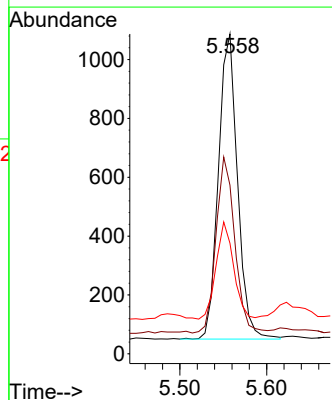
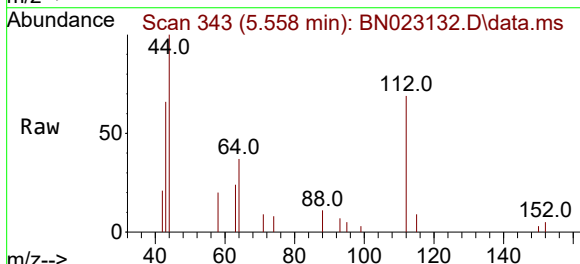
Instrument :
BNA_N
ClientSampleId :
GW-BR-04-100-114-120722

Tgt Ion: 42 Resp: 143
Ion Ratio Lower Upper
42 100
74 0.0 95.8 143.6#
44 0.0 8.4 12.6#



#4
2-Fluorophenol
Concen: 0.117 ng
RT: 5.558 min Scan# 343
Delta R.T. 0.007 min
Lab File: BN023132.D
Acq: 12 Dec 2022 13:05

Tgt Ion: 112 Resp: 1583
Ion Ratio Lower Upper
112 100
64 56.6 44.4 66.6
63 29.3 23.7 35.5

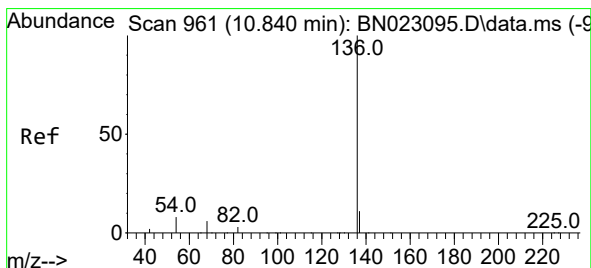
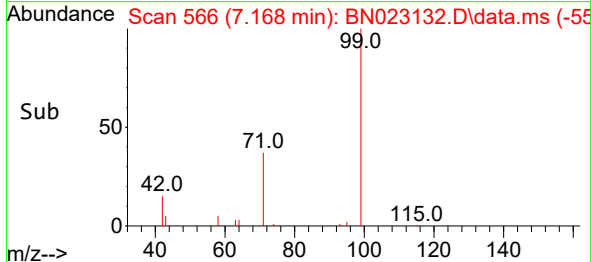
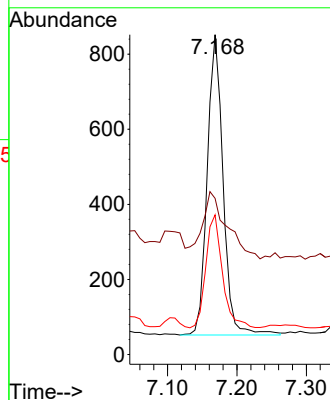
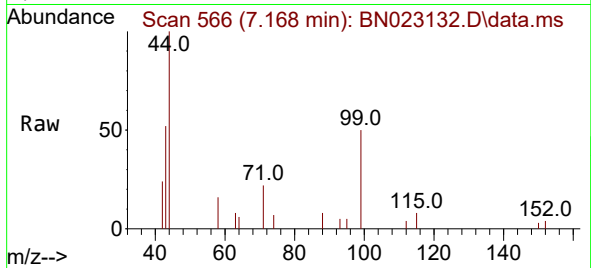




#5
Phenol-d6
Concen: 0.074 ng
RT: 7.168 min Scan# 566
Delta R.T. -0.000 min
Lab File: BN023132.D
Acq: 12 Dec 2022 13:05

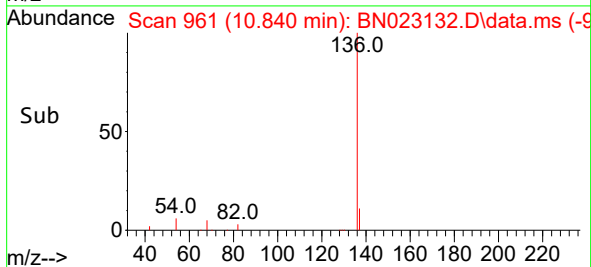
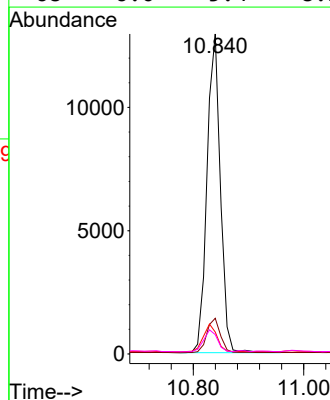
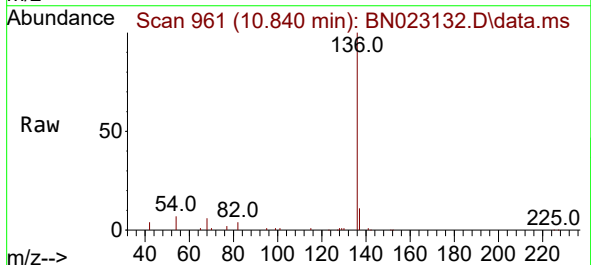
Instrument :
BNA_N
ClientSampleId :
GW-BR-04-100-114-120722

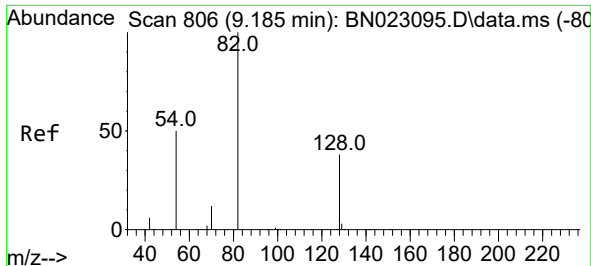
Tgt Ion: 99 Resp: 1268
Ion Ratio Lower Upper
99 100
42 34.1 16.3 24.5#
71 39.4 26.5 39.7



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.840 min Scan# 961
Delta R.T. -0.000 min
Lab File: BN023132.D
Acq: 12 Dec 2022 13:05

Tgt Ion: 136 Resp: 21791
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 6.8 6.5 9.7
68 6.0 5.4 8.2

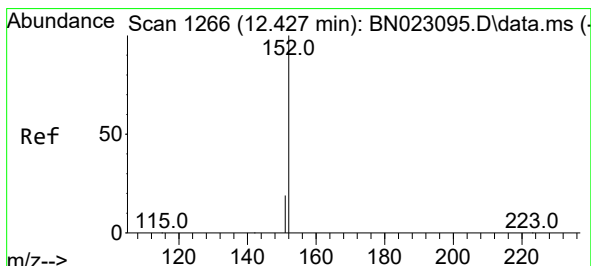
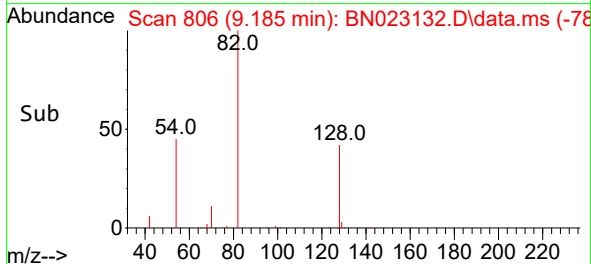
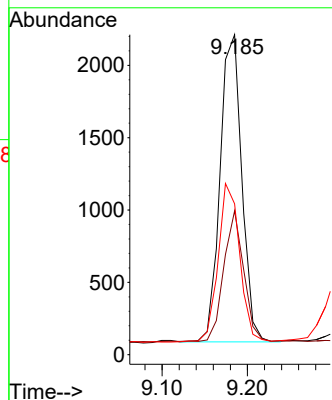
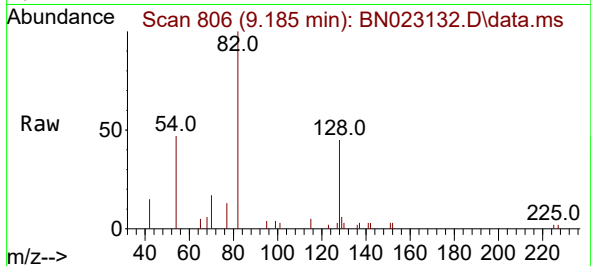




#8
Nitrobenzene-d5
Concen: 0.262 ng
RT: 9.185 min Scan# 806
Delta R.T. -0.000 min
Lab File: BN023132.D
Acq: 12 Dec 2022 13:05

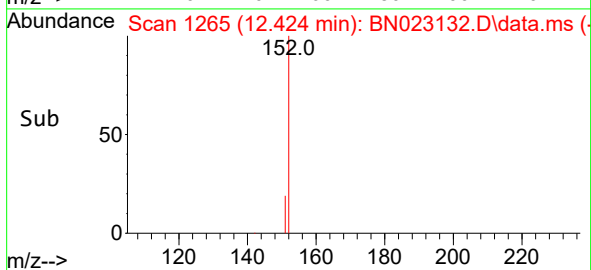
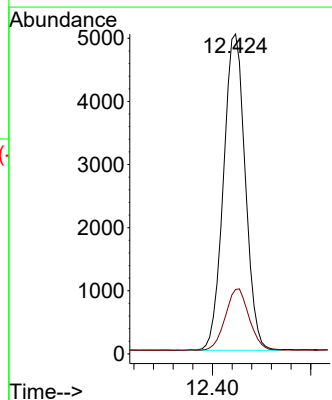
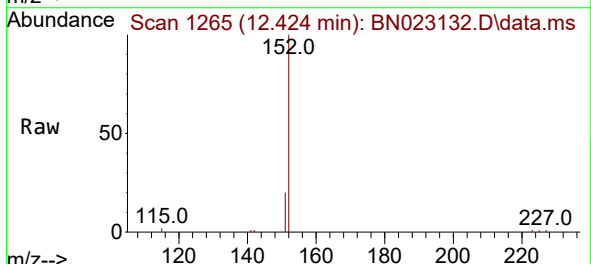
Instrument :
BNA_N
ClientSampleId :
GW-BR-04-100-114-120722

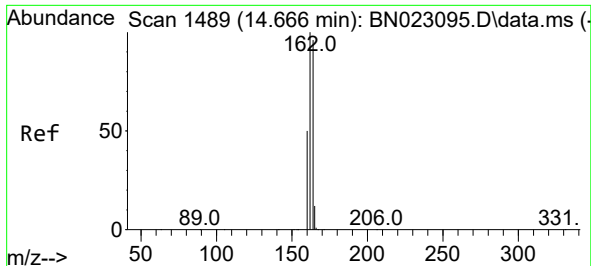
Tgt Ion: 82 Resp: 3755
Ion Ratio Lower Upper
82 100
128 45.0 31.4 47.2
54 47.2 41.0 61.4



#11
2-Methylnaphthalene-d10
Concen: 0.209 ng
RT: 12.424 min Scan# 1265
Delta R.T. 0.004 min
Lab File: BN023132.D
Acq: 12 Dec 2022 13:05

Tgt Ion: 152 Resp: 7708
Ion Ratio Lower Upper
152 100
151 21.2 15.1 22.7

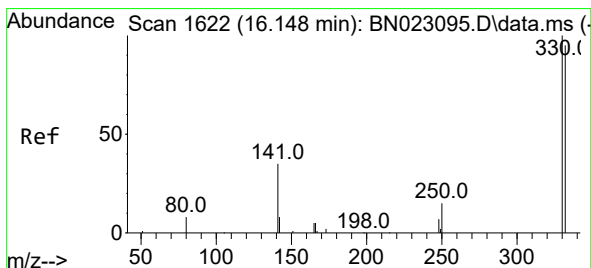
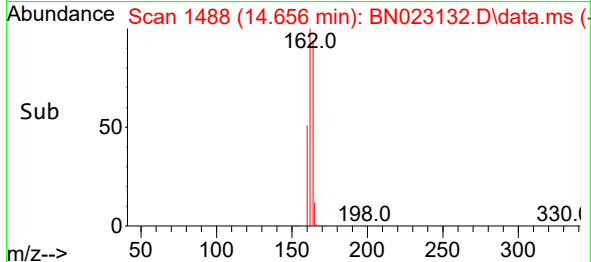
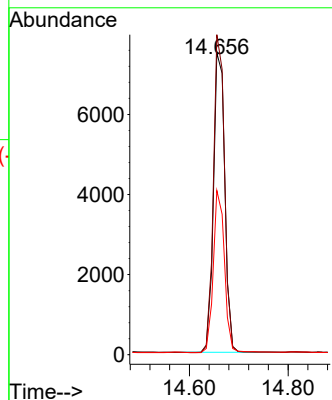
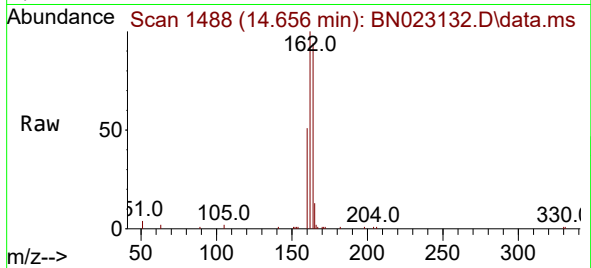




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.656 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BN023132.D
Acq: 12 Dec 2022 13:05

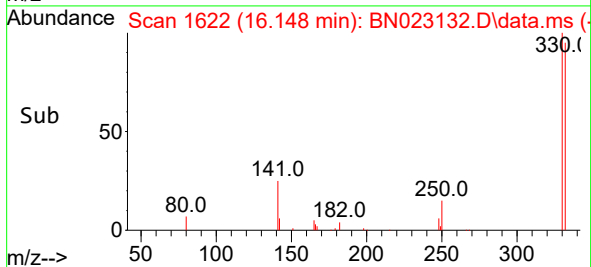
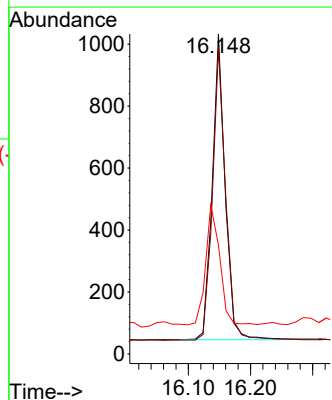
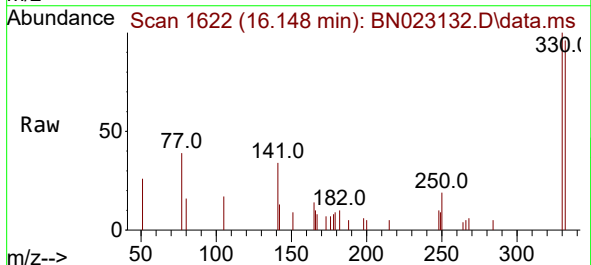
Instrument :
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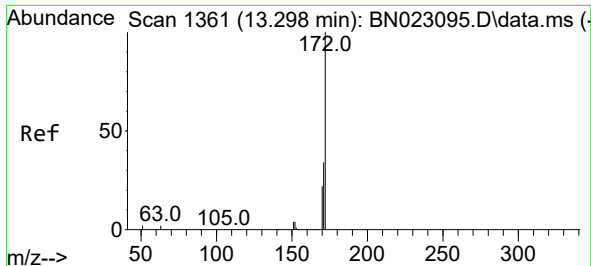
Tgt Ion:164 Resp: 11941
Ion Ratio Lower Upper
164 100
162 106.1 83.4 125.0
160 54.4 41.8 62.8



#14
2,4,6-Tribromophenol
Concen: 0.329 ng
RT: 16.148 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BN023132.D
Acq: 12 Dec 2022 13:05

Tgt Ion:330 Resp: 1424
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 42.6 33.5 50.3

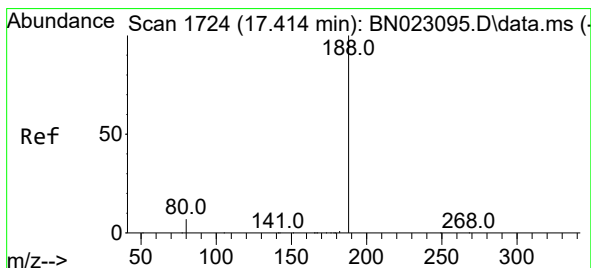
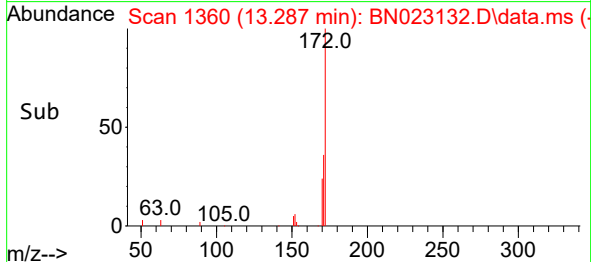
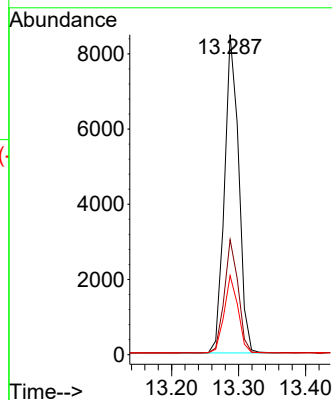
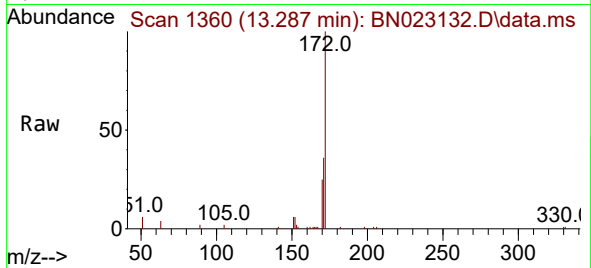




#15
2-Fluorobiphenyl
Concen: 0.263 ng
RT: 13.287 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BN023132.D
Acq: 12 Dec 2022 13:05

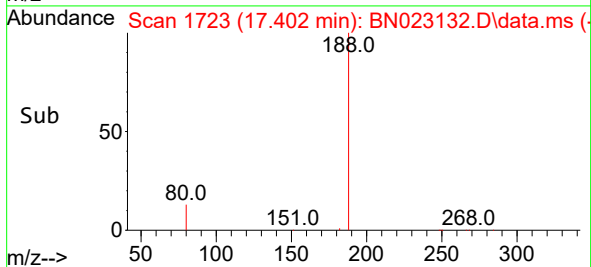
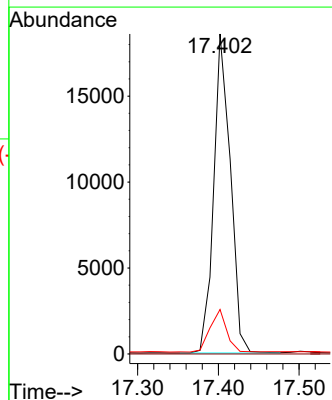
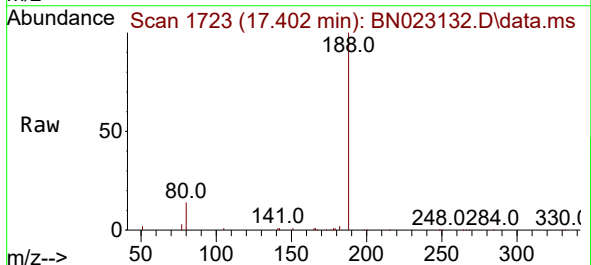
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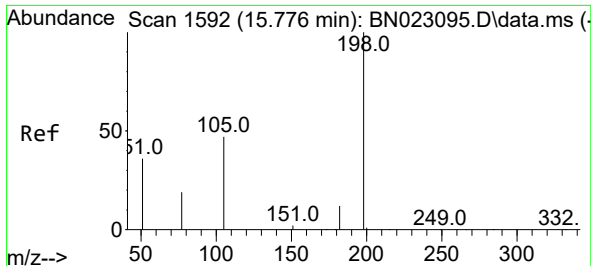
Tgt Ion:172 Resp: 12546
Ion Ratio Lower Upper
172 100
171 36.0 27.4 41.0
170 24.7 17.9 26.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.402 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BN023132.D
Acq: 12 Dec 2022 13:05

Tgt Ion:188 Resp: 26617
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 6.1 9.1#

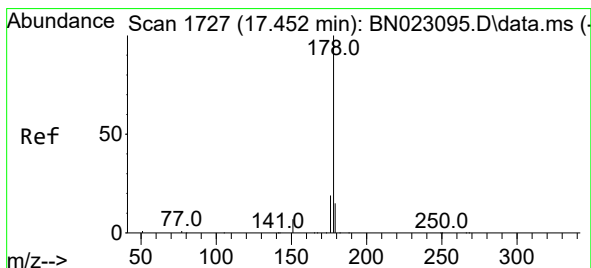
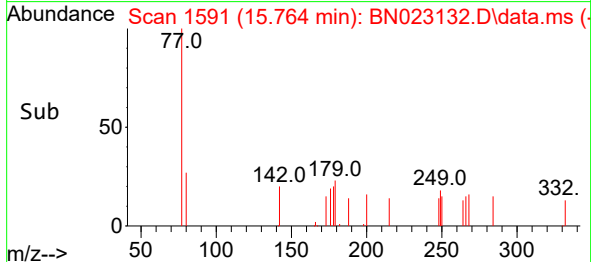
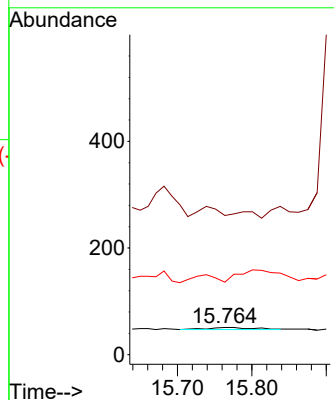
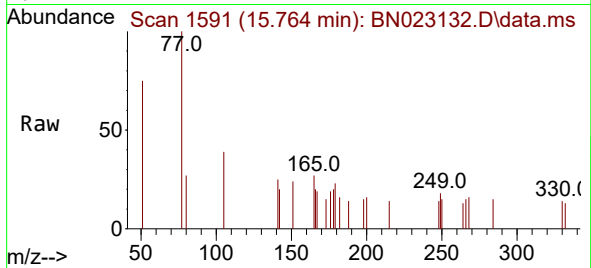




#20
4,6-Dinitro-2-methylphenol
Concen: 0.235 ng
RT: 15.764 min Scan# 1591
Delta R.T. -0.013 min
Lab File: BN023132.D
Acq: 12 Dec 2022 13:05

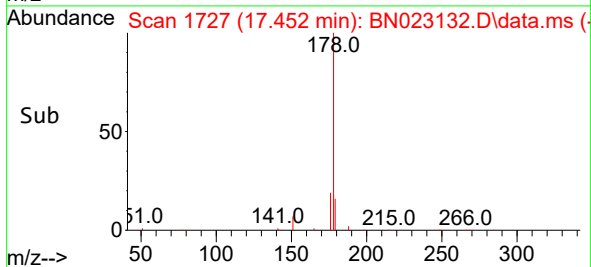
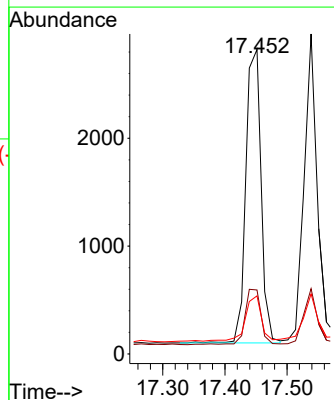
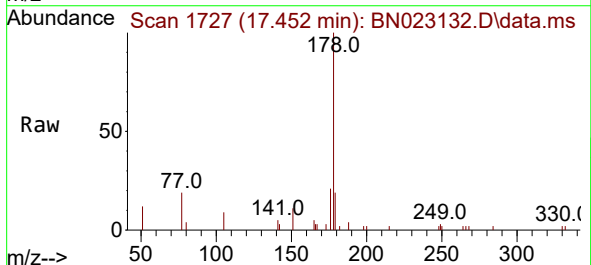
Instrument :
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GW-BR-04-100-114-120722

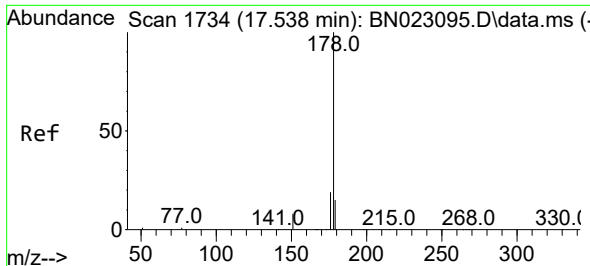
Tgt Ion:198 Resp: 18
Ion Ratio Lower Upper
198 100
51 511.8 57.0 85.4#
105 266.7 47.2 70.8#



#25
Phenanthrene
Concen: 0.059 ng
RT: 17.452 min Scan# 1727
Delta R.T. 0.012 min
Lab File: BN023132.D
Acq: 12 Dec 2022 13:05

Tgt Ion:178 Resp: 4646
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 17.7 12.2 18.2

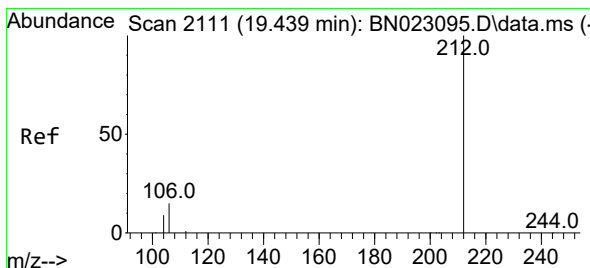
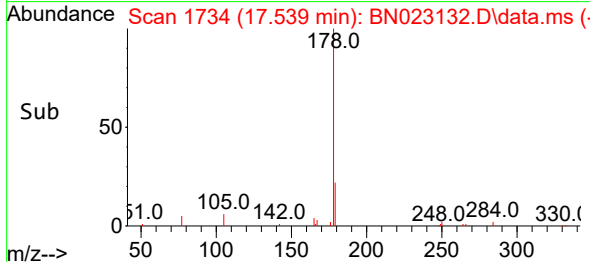
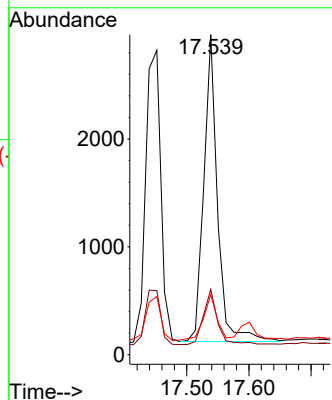
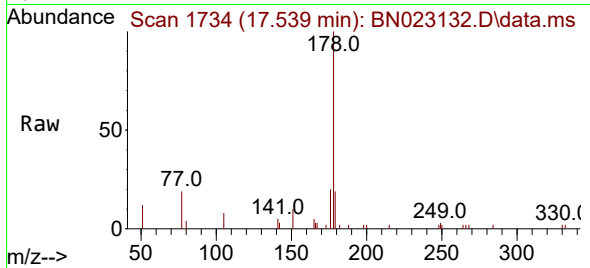




#26
 Anthracene
 Concen: 0.069 ng
 RT: 17.539 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN023132.D
 Acq: 12 Dec 2022 13:05

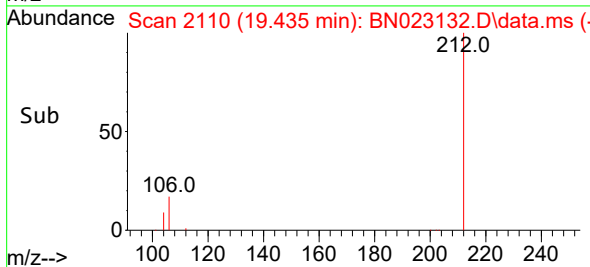
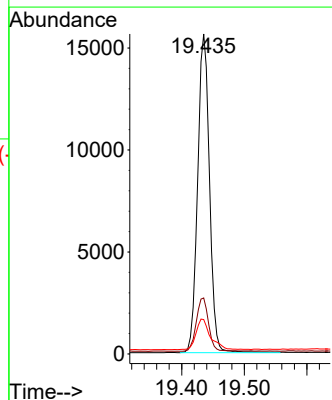
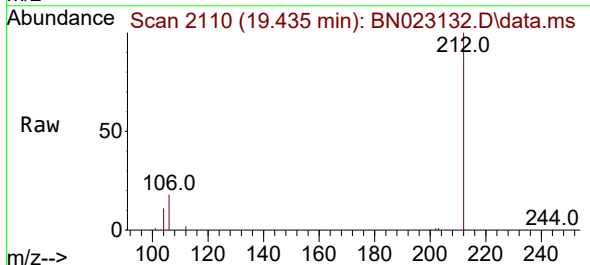
Instrument :
 BNA_N
 ClientSampleId :
 GW-BR-04-100-114-120722

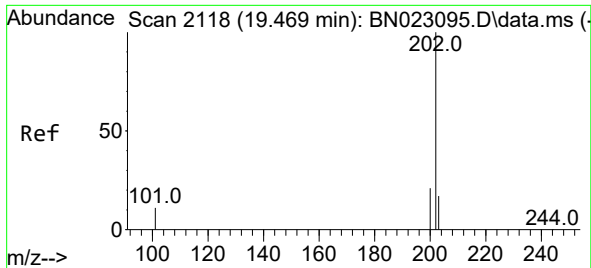
Tgt Ion:178 Resp: 4367
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.1 22.7
 179 14.1 12.2 18.4



#27
 Fluoranthene-d10
 Concen: 0.329 ng
 RT: 19.435 min Scan# 2110
 Delta R.T. -0.000 min
 Lab File: BN023132.D
 Acq: 12 Dec 2022 13:05

Tgt Ion:212 Resp: 20477
 Ion Ratio Lower Upper
 212 100
 106 17.3 13.0 19.4
 104 11.7 7.5 11.3#

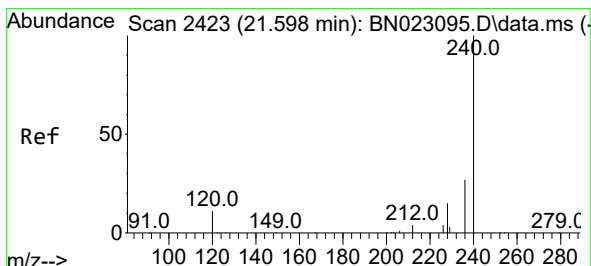
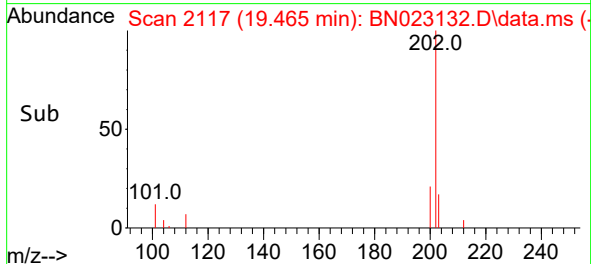
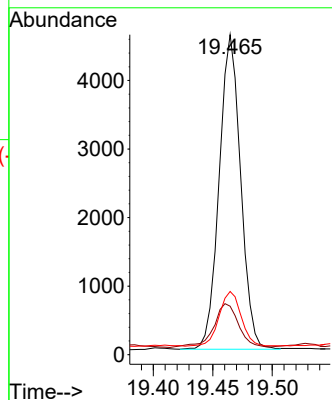
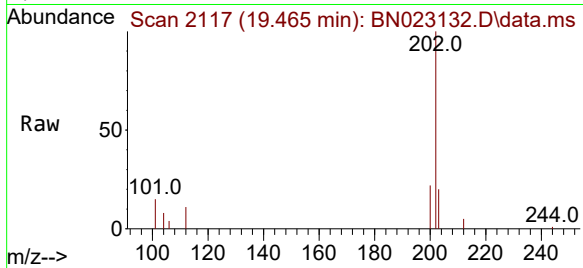




#28
Fluoranthene
Concen: 0.068 ng
RT: 19.465 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN023132.D
Acq: 12 Dec 2022 13:05

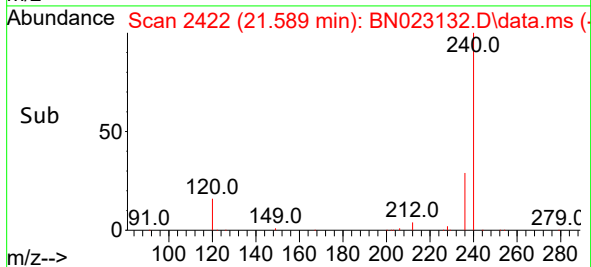
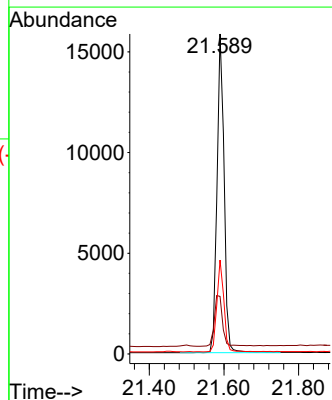
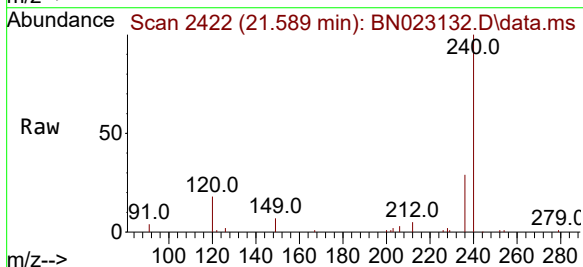
Instrument :
BNA_N
ClientSampleId :
GW-BR-04-100-114-120722

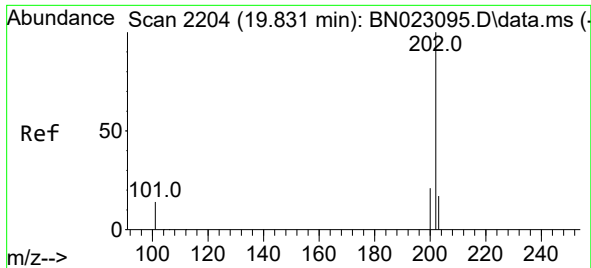
Tgt Ion:202 Resp: 5763
Ion Ratio Lower Upper
202 100
101 16.2 9.7 14.5#
203 17.8 13.8 20.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.589 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BN023132.D
Acq: 12 Dec 2022 13:05

Tgt Ion:240 Resp: 20848
Ion Ratio Lower Upper
240 100
120 18.0 10.1 15.1#
236 29.3 22.2 33.4

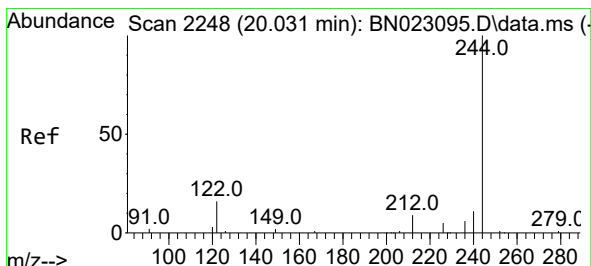
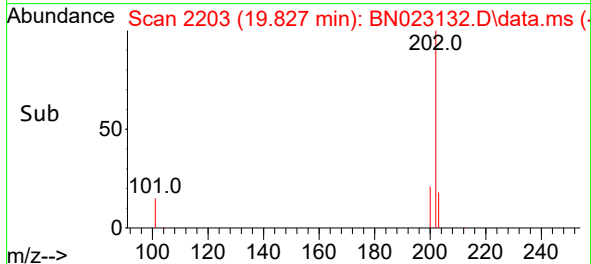
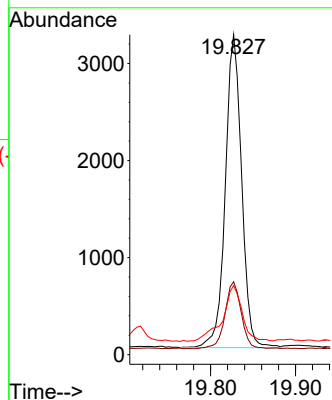
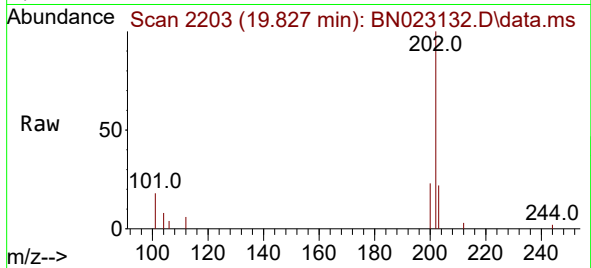




#30
 Pyrene
 Concen: 0.056 ng
 RT: 19.827 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN023132.D
 Acq: 12 Dec 2022 13:05

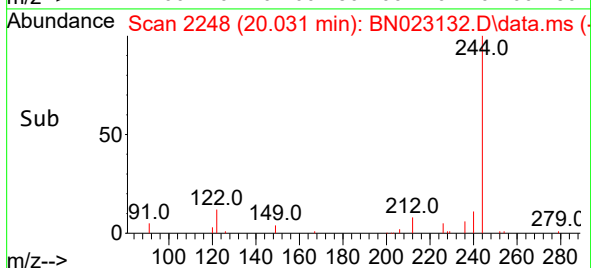
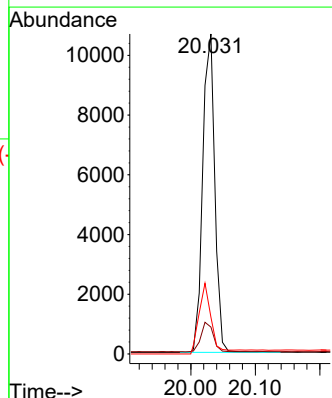
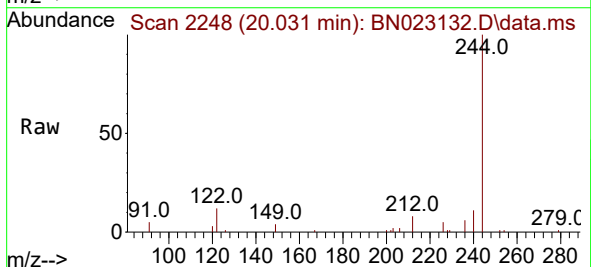
Instrument :
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 GW-BR-04-100-114-120722

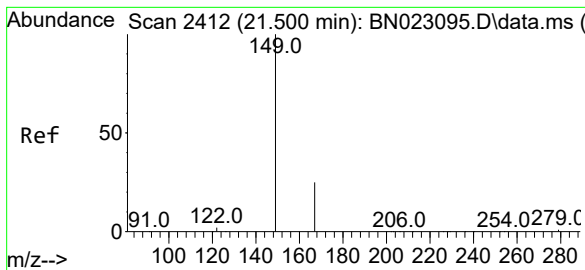
Tgt Ion:202 Resp: 4305
 Ion Ratio Lower Upper
 202 100
 200 21.5 16.9 25.3
 203 21.4 14.2 21.4#



#31
 Terphenyl-d14
 Concen: 0.354 ng
 RT: 20.031 min Scan# 2248
 Delta R.T. -0.000 min
 Lab File: BN023132.D
 Acq: 12 Dec 2022 13:05

Tgt Ion:244 Resp: 11969
 Ion Ratio Lower Upper
 244 100
 212 8.4 7.6 11.4
 122 11.5 12.6 18.8#

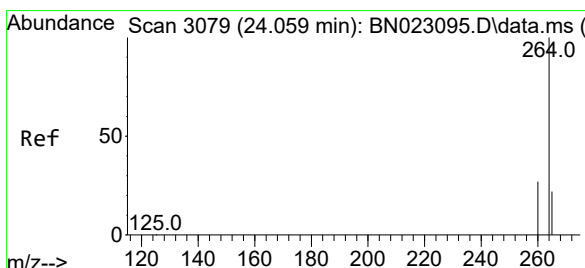
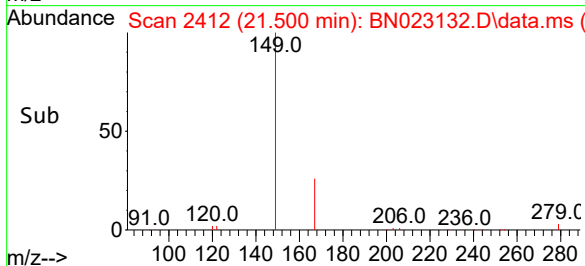
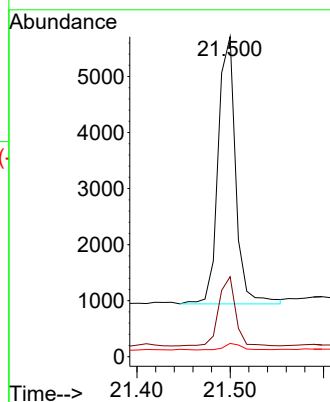
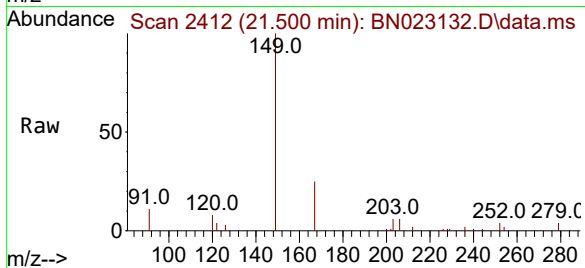




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.219 ng
 RT: 21.500 min Scan# 2412
 Delta R.T. 0.009 min
 Lab File: BN023132.D
 Acq: 12 Dec 2022 13:05

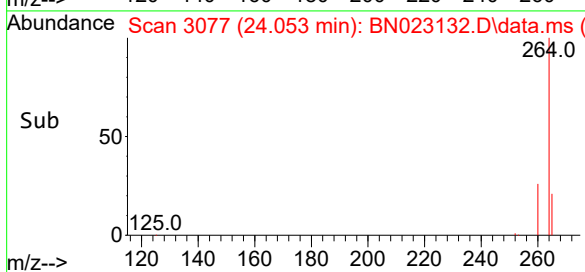
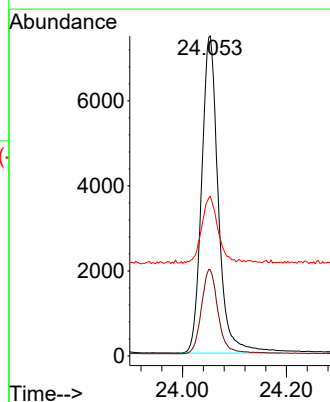
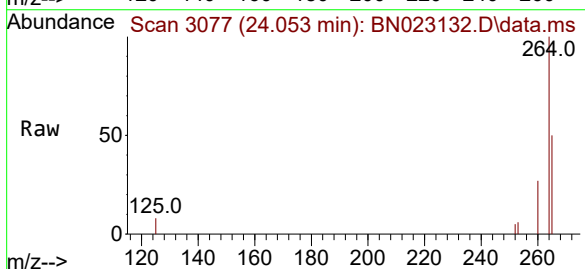
Instrument :
 BNA_N
 ClientSampleId :
 GW-BR-04-100-114-120722

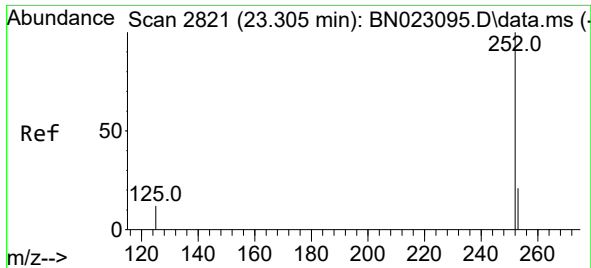
Tgt Ion:	149	Resp:	6217
Ion Ratio	Lower	Upper	
149	100		
167	24.5	20.2	30.2
279	2.5	2.3	3.5



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.053 min Scan# 3077
 Delta R.T. 0.003 min
 Lab File: BN023132.D
 Acq: 12 Dec 2022 13:05

Tgt Ion:	264	Resp:	16659
Ion Ratio	Lower	Upper	
264	100		
260	26.9	21.7	32.5
265	49.9	43.2	64.8





#37

Benzo(b)fluoranthene

Concen: 0.022 ng

RT: 23.299 min Scan# 21

Delta R.T. 0.003 min

Lab File: BN023132.D

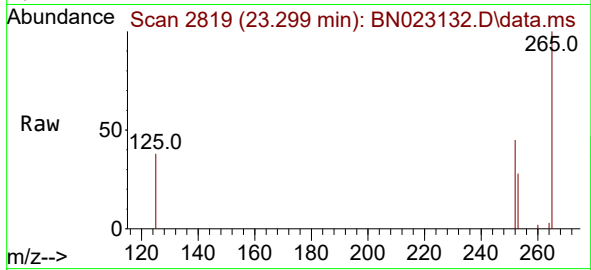
Acq: 12 Dec 2022 13:05

Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:252 Resp: 1488

Ion Ratio Lower Upper

252 100

253 60.7 19.0 28.4#

125 84.4 12.8 19.2#

