

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122722\
 Data File : BN023511.D
 Acq On : 28 Dec 2022 06:20
 Operator : CG/JU
 Sample : N6100-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20221215

Quant Time: Dec 28 07:15:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 03:57:20 2022
 Response via : Initial Calibration

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

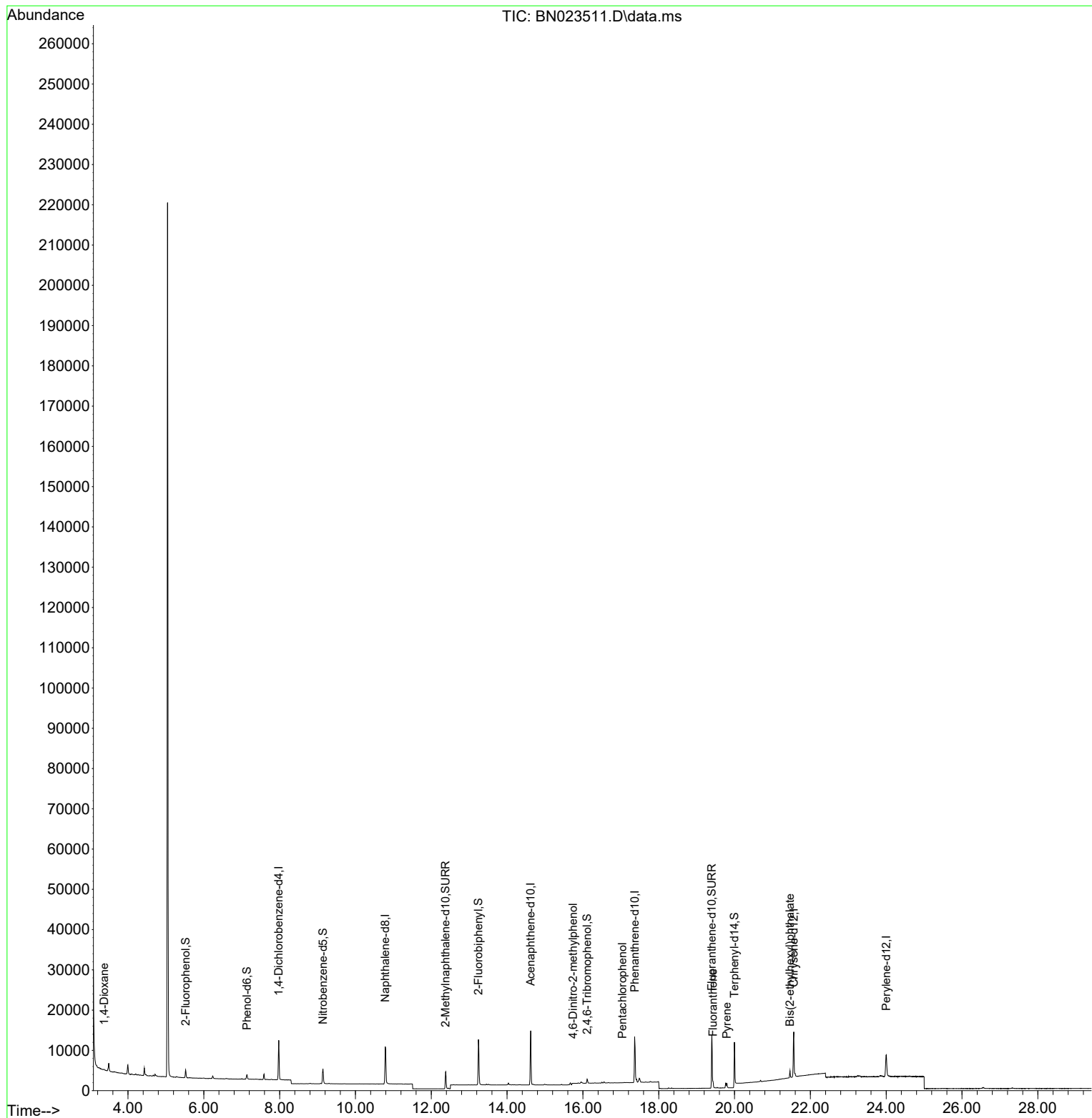
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.977	152	4662	0.400	ng	0.00
7) Naphthalene-d8	10.786	136	13163	0.400	ng	#-0.01
13) Acenaphthene-d10	14.623	164	7343	0.400	ng	0.00
19) Phenanthrene-d10	17.365	188	15971	0.400	ng	#-0.01
29) Chrysene-d12	21.562	240	10835	0.400	ng	0.00
35) Perylene-d12	24.001	264	8484	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.522	112	1496	0.145	ng	0.00
5) Phenol-d6	7.139	99	1091	0.086	ng	0.00
8) Nitrobenzene-d5	9.142	82	3123	0.303	ng	0.00
11) 2-Methylnaphthalene-d10	12.378	152	6158	0.321	ng	0.00
14) 2,4,6-Tribromophenol	16.111	330	614	0.171	ng	-0.01
15) 2-Fluorobiphenyl	13.244	172	10278	0.353	ng	-0.01
27) Fluoranthene-d10	19.401	212	14555	0.373	ng	0.00
31) Terphenyl-d14	19.996	244	16058	0.636	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.369	88	145	0.032	ng	# 48
20) 4,6-Dinitro-2-methylph...	15.739	198	1	0.296	ng	# 1
24) Pentachlorophenol	17.042	266	13	0.173	ng	# 27
28) Fluoranthene	19.431	202	1182	0.023	ng	# 94
30) Pyrene	19.797	202	963	0.024	ng	96
34) Bis(2-ethylhexyl)phtha...	21.464	149	1704	0.077	ng	# 98

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

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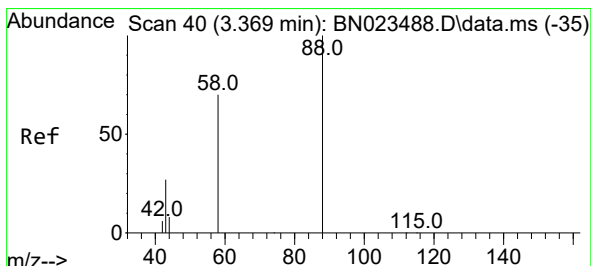
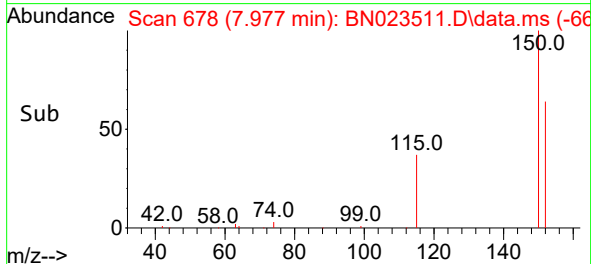
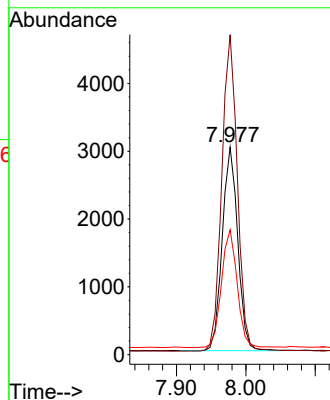
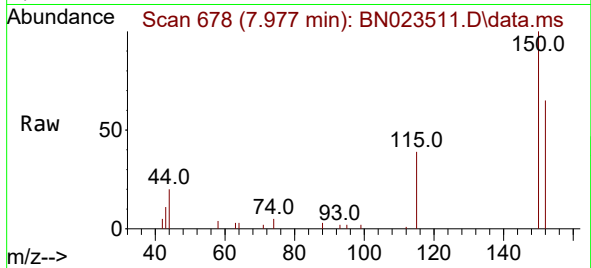




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.977 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN023511.D
 Acq: 28 Dec 2022 06:20

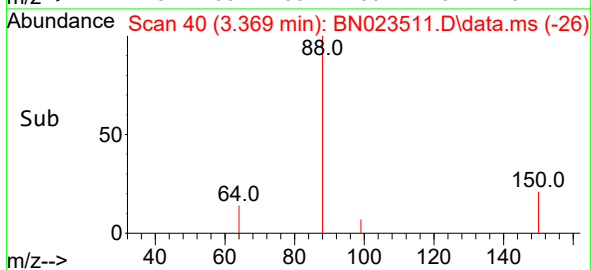
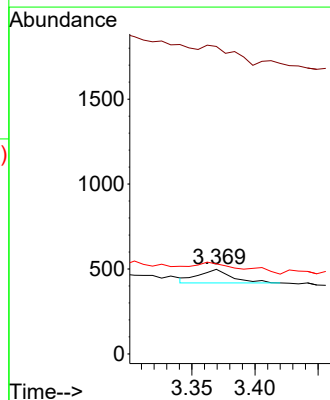
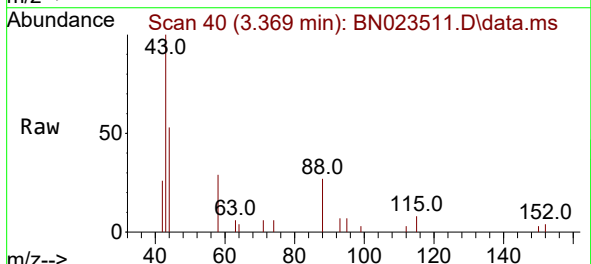
Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20221215

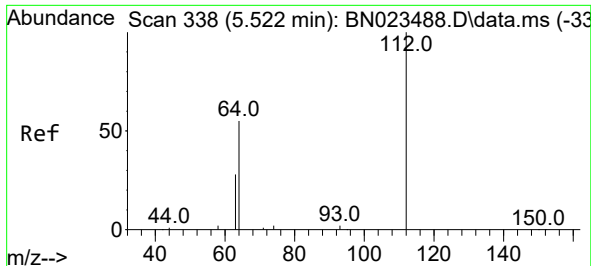
Tgt Ion:152 Resp: 4662
 Ion Ratio Lower Upper
 152 100
 150 154.2 125.0 187.6
 115 60.2 48.8 73.2



#2
 1,4-Dioxane
 Concen: 0.032 ng
 RT: 3.369 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: BN023511.D
 Acq: 28 Dec 2022 06:20

Tgt Ion: 88 Resp: 145
 Ion Ratio Lower Upper
 88 100
 43 0.0 24.6 36.8#
 58 115.2 58.2 87.4#





#4

2-Fluorophenol

Concen: 0.145 ng

RT: 5.522 min Scan# 338

Delta R.T. 0.000 min

Lab File: BN023511.D

Acq: 28 Dec 2022 06:20

Instrument :

BNA_N

ClientSampleId :

SP-303-20221215

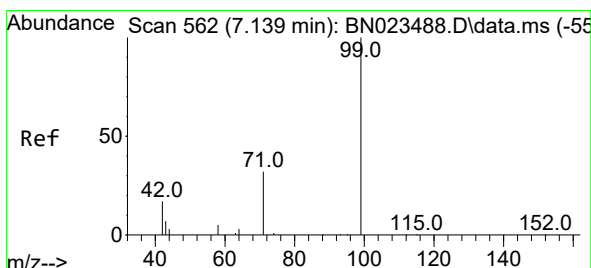
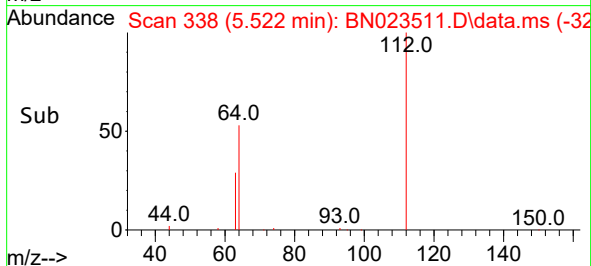
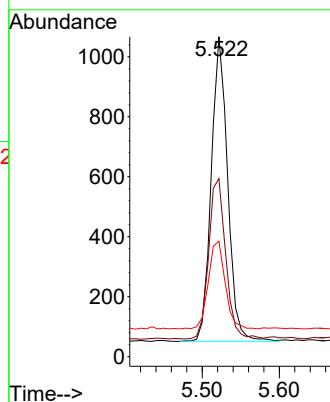
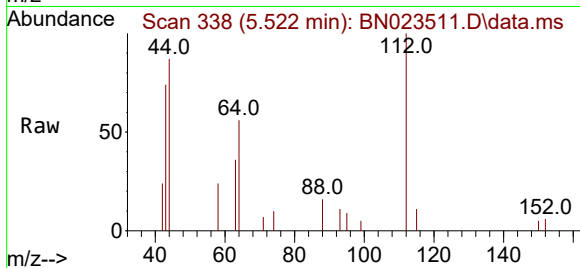
Tgt Ion:112 Resp: 1496

Ion Ratio Lower Upper

112 100

64 54.9 44.3 66.5

63 29.4 23.8 35.6



#5

Phenol-d6

Concen: 0.086 ng

RT: 7.139 min Scan# 562

Delta R.T. 0.000 min

Lab File: BN023511.D

Acq: 28 Dec 2022 06:20

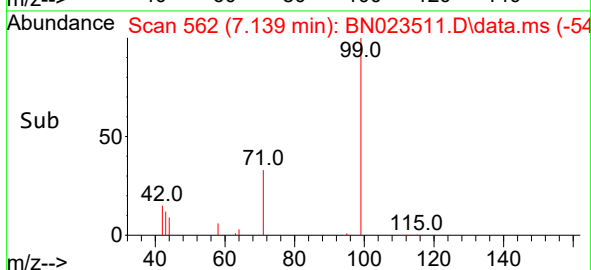
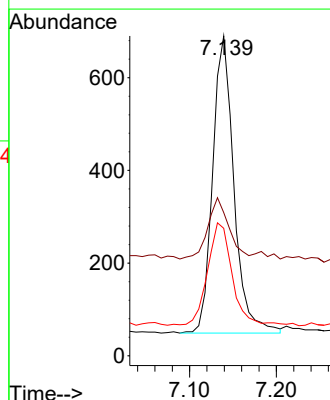
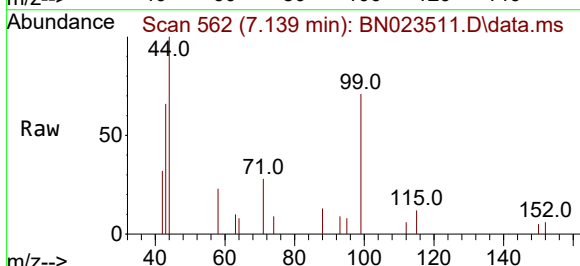
Tgt Ion: 99 Resp: 1091

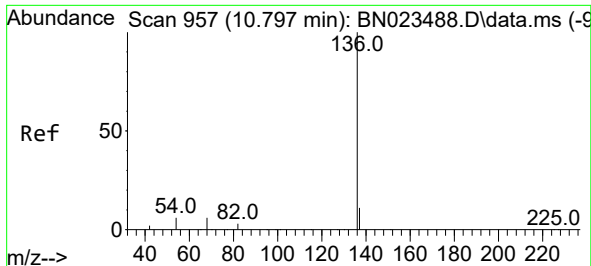
Ion Ratio Lower Upper

99 100

42 20.3 16.8 25.2

71 40.6 27.0 40.4#

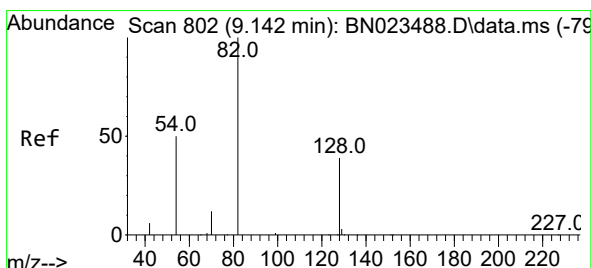
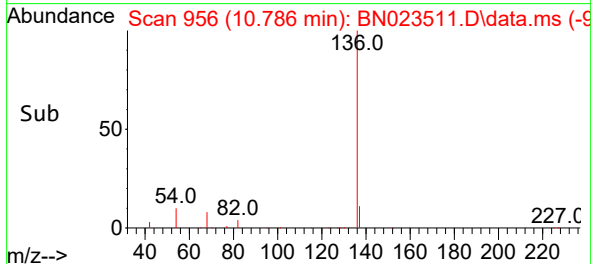
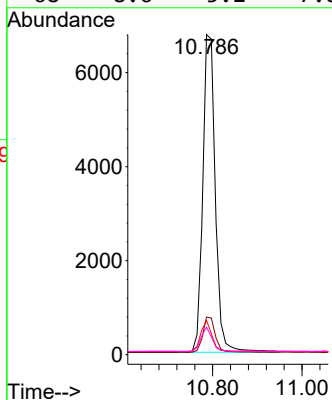
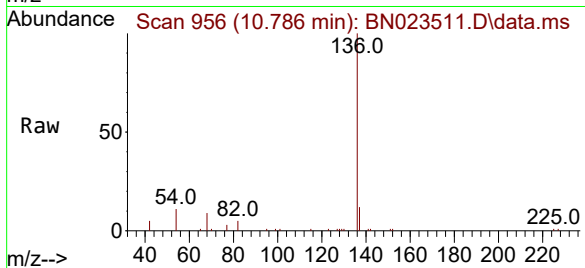




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.786 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN023511.D
Acq: 28 Dec 2022 06:20

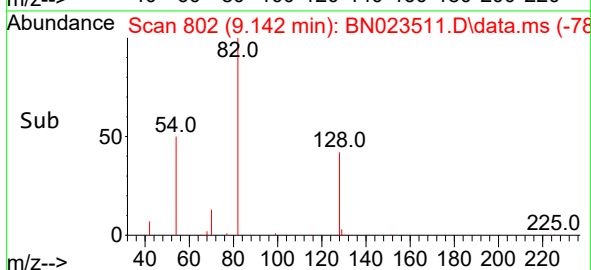
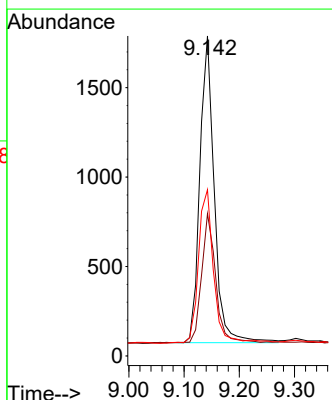
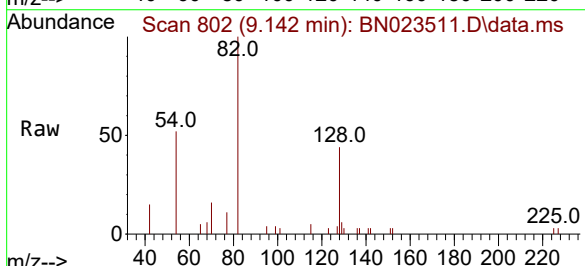
Instrument :
BNA_N
ClientSampleId :
SP-303-20221215

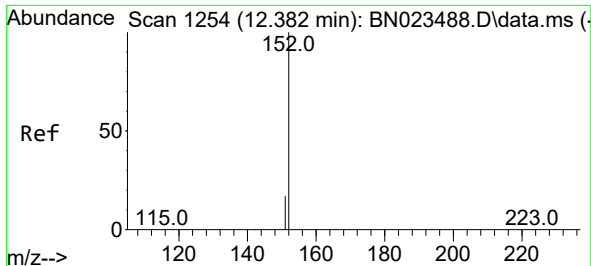
Tgt Ion:	136	Resp:	13163
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.0	13.4
54	10.7	5.8	8.8#
68	8.6	5.2	7.8#



#8
Nitrobenzene-d5
Concen: 0.303 ng
RT: 9.142 min Scan# 802
Delta R.T. 0.000 min
Lab File: BN023511.D
Acq: 28 Dec 2022 06:20

Tgt Ion:	82	Resp:	3123
Ion	Ratio	Lower	Upper
82	100		
128	44.4	32.6	49.0
54	51.9	41.4	62.0

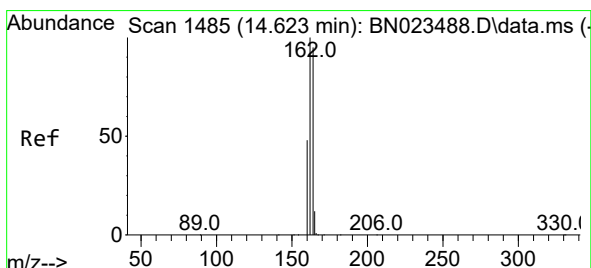
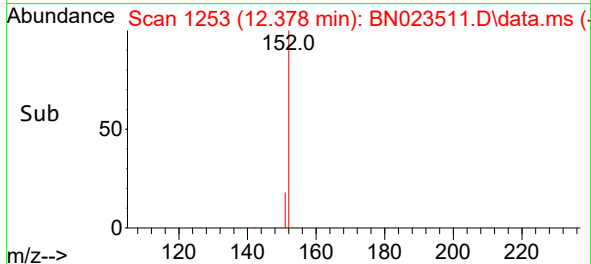
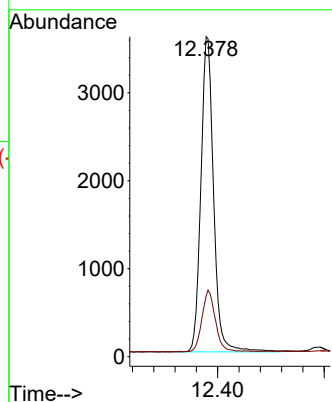
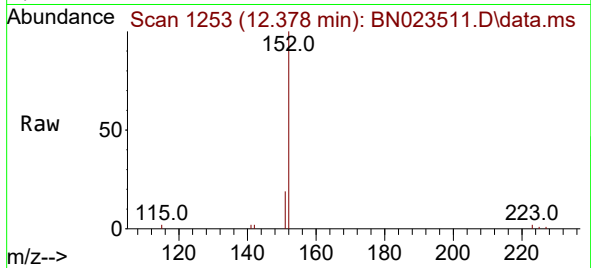




#11
2-Methylnaphthalene-d10
Concen: 0.321 ng
RT: 12.378 min Scan# 1253
Delta R.T. -0.004 min
Lab File: BN023511.D
Acq: 28 Dec 2022 06:20

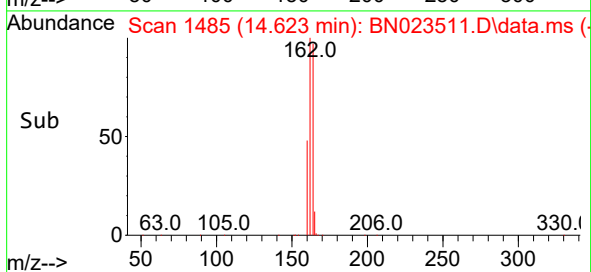
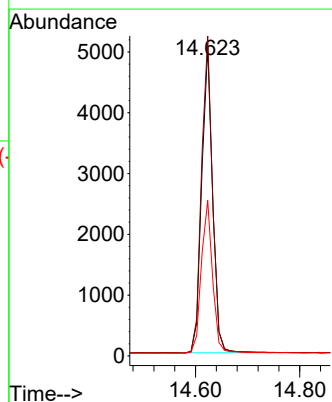
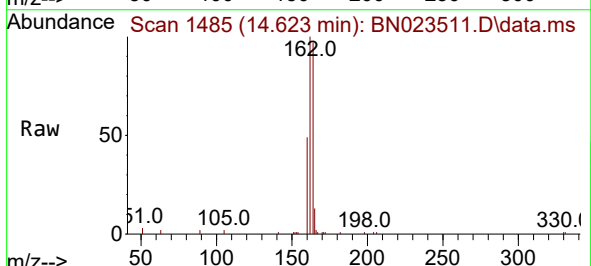
Instrument :
BNA_N
ClientSampleId :
SP-303-20221215

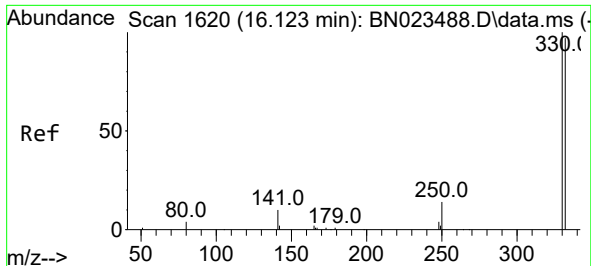
Tgt Ion:152 Resp: 6158
Ion Ratio Lower Upper
152 100
151 19.7 14.8 22.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.623 min Scan# 1485
Delta R.T. 0.000 min
Lab File: BN023511.D
Acq: 28 Dec 2022 06:20

Tgt Ion:164 Resp: 7343
Ion Ratio Lower Upper
164 100
162 103.6 83.9 125.9
160 50.4 40.9 61.3

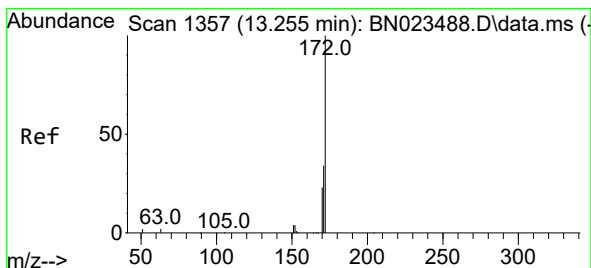
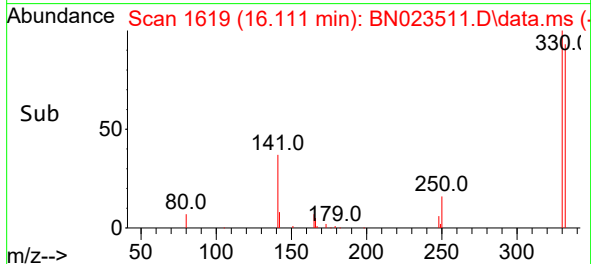
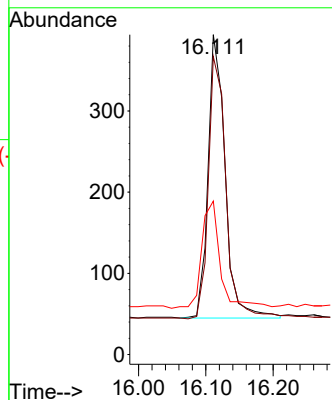
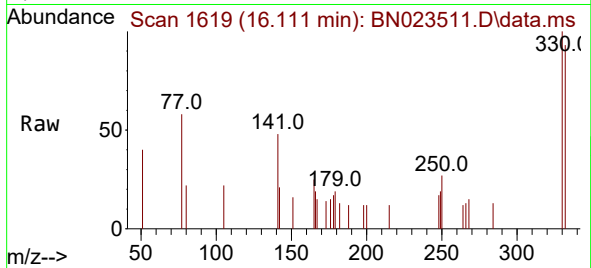




#14
2,4,6-Tribromophenol
Concen: 0.171 ng
RT: 16.111 min Scan# 1619
Delta R.T. -0.012 min
Lab File: BN023511.D
Acq: 28 Dec 2022 06:20

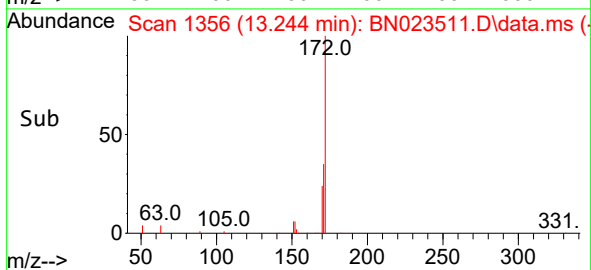
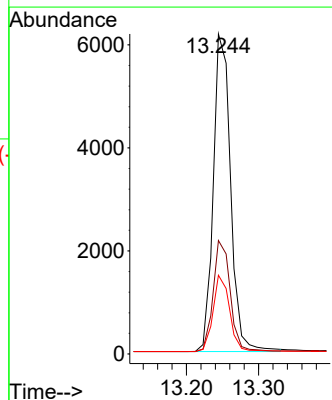
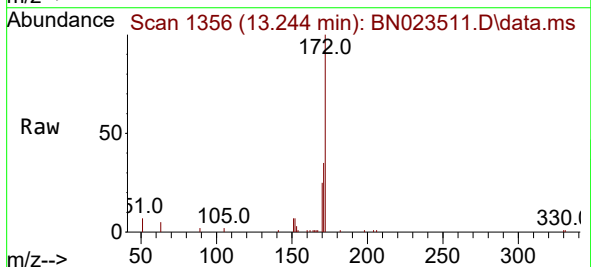
Instrument :
BNA_N
ClientSampleId :
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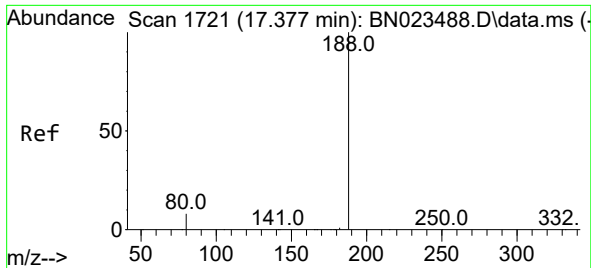
Tgt Ion:330 Resp: 614
Ion Ratio Lower Upper
330 100
332 95.8 76.7 115.1
141 41.0 29.8 44.6



#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 13.244 min Scan# 1356
Delta R.T. -0.011 min
Lab File: BN023511.D
Acq: 28 Dec 2022 06:20

Tgt Ion:172 Resp: 10278
Ion Ratio Lower Upper
172 100
171 35.5 27.6 41.4
170 24.6 18.7 28.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.365 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN023511.D

Acq: 28 Dec 2022 06:20

Instrument :

BNA_N

ClientSampleId :

SP-303-20221215

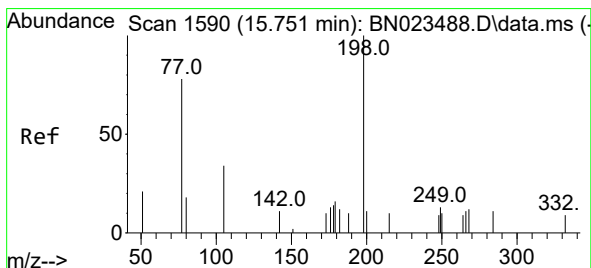
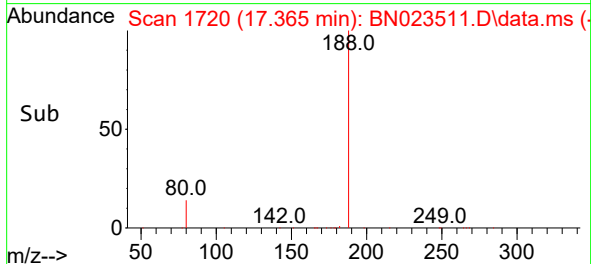
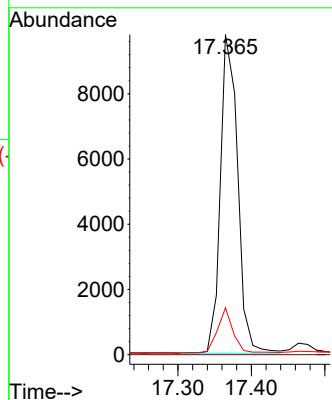
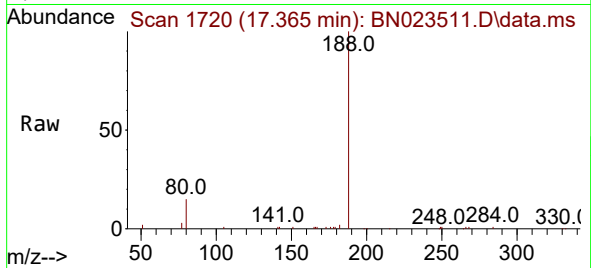
Tgt Ion:188 Resp: 15971

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.6 6.7 10.1#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.296 ng

RT: 15.739 min Scan# 1589

Delta R.T. -0.012 min

Lab File: BN023511.D

Acq: 28 Dec 2022 06:20

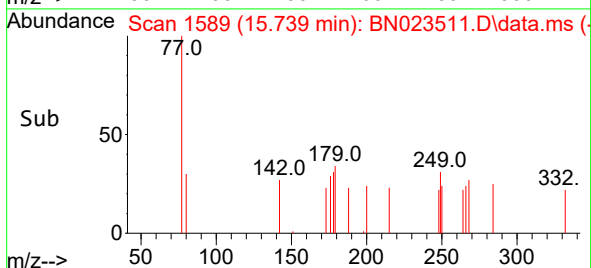
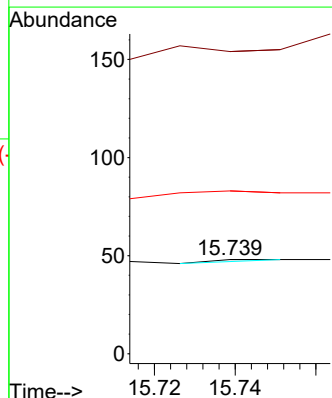
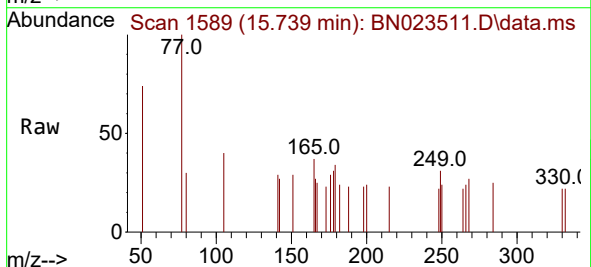
Tgt Ion:198 Resp: 1

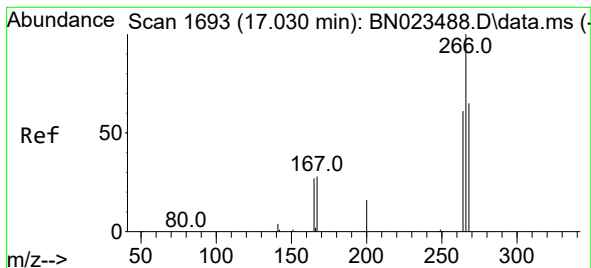
Ion Ratio Lower Upper

198 100

51 320.8 48.2 72.4#

105 172.9 41.0 61.4#





#24

Pentachlorophenol

Concen: 0.173 ng

RT: 17.042 min Scan# 1

Delta R.T. 0.012 min

Lab File: BN023511.D

Acq: 28 Dec 2022 06:20

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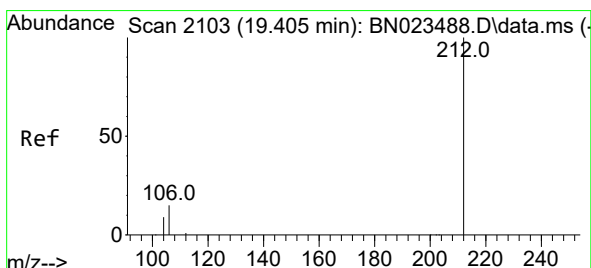
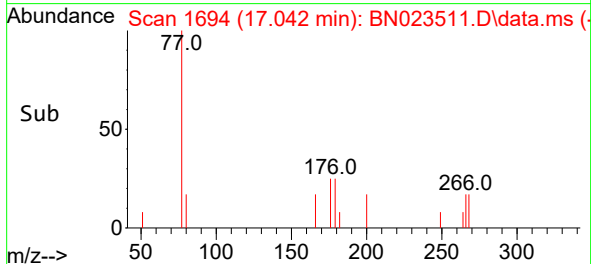
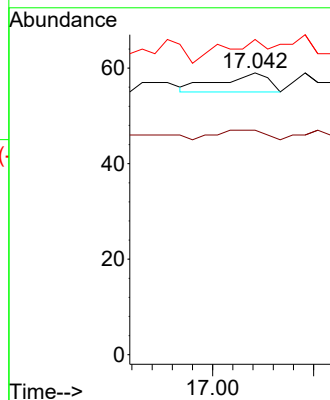
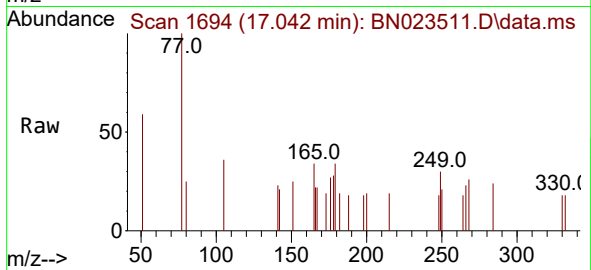
Tgt Ion:266 Resp: 13

Ion Ratio Lower Upper

266 100

264 0.0 49.7 74.5#

268 115.4 51.4 77.0#



#27

Fluoranthene-d10

Concen: 0.373 ng

RT: 19.401 min Scan# 2102

Delta R.T. -0.004 min

Lab File: BN023511.D

Acq: 28 Dec 2022 06:20

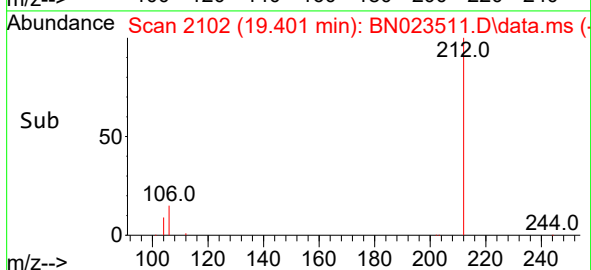
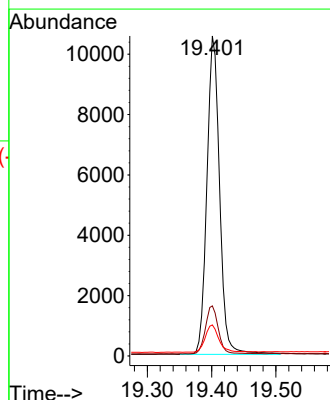
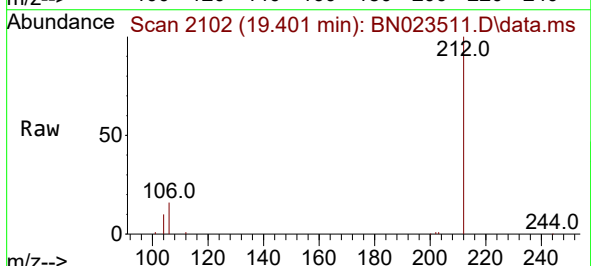
Tgt Ion:212 Resp: 14555

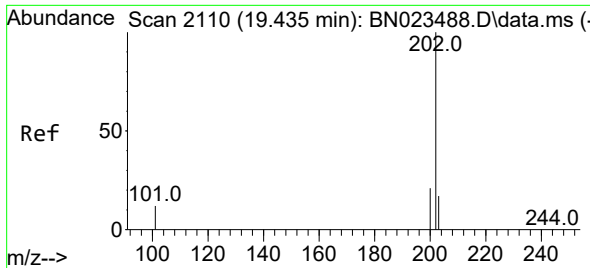
Ion Ratio Lower Upper

212 100

106 15.3 12.3 18.5

104 9.3 6.8 10.2

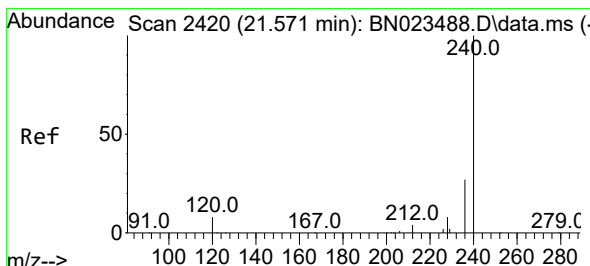
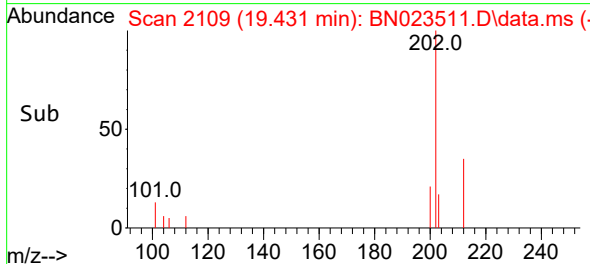
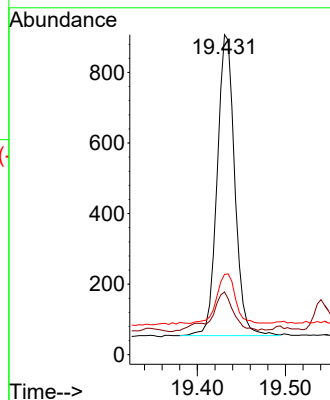
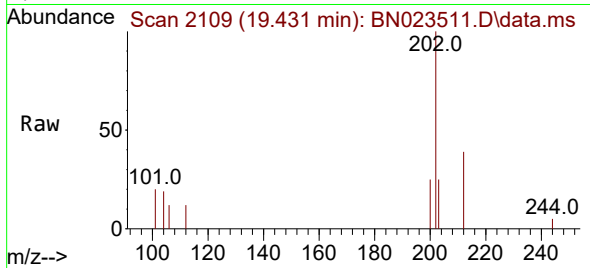




#28
Fluoranthene
Concen: 0.023 ng
RT: 19.431 min Scan# 2110
Delta R.T. -0.004 min
Lab File: BN023511.D
Acq: 28 Dec 2022 06:20

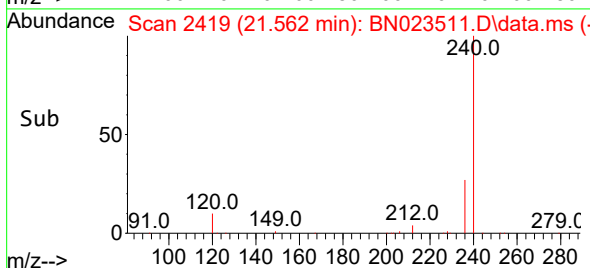
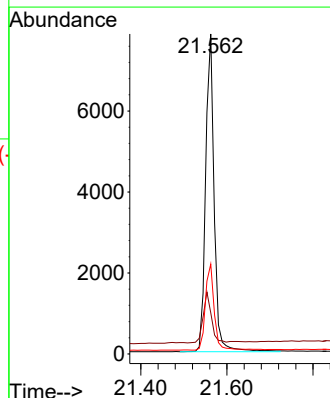
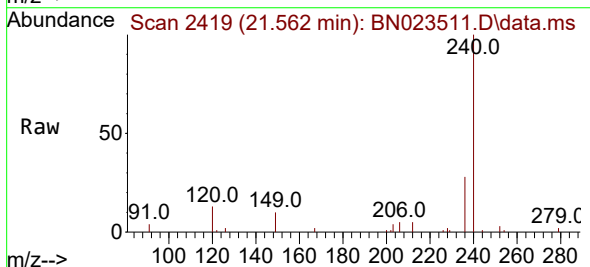
Instrument :
BNA_N
ClientSampleId :
SP-303-20221215

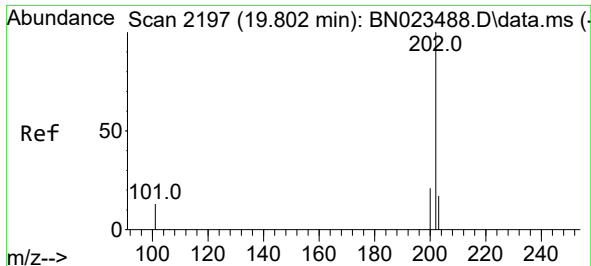
Tgt Ion:202 Resp: 1182
Ion Ratio Lower Upper
202 100
101 16.6 9.6 14.4#
203 17.9 13.8 20.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.562 min Scan# 2419
Delta R.T. -0.009 min
Lab File: BN023511.D
Acq: 28 Dec 2022 06:20

Tgt Ion:240 Resp: 10835
Ion Ratio Lower Upper
240 100
120 12.9 8.9 13.3
236 28.1 22.5 33.7

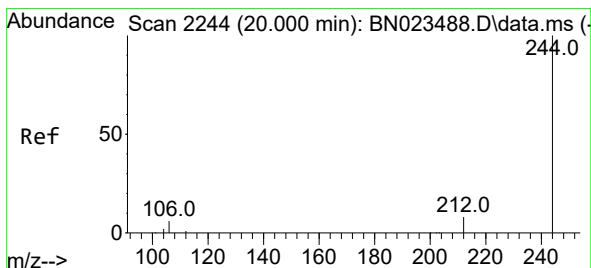
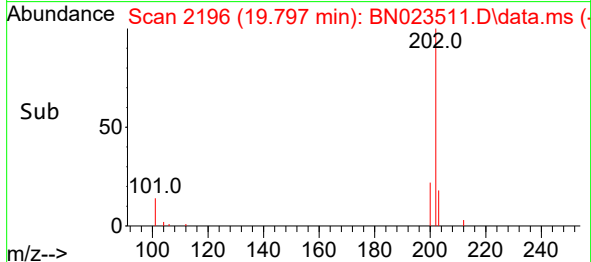
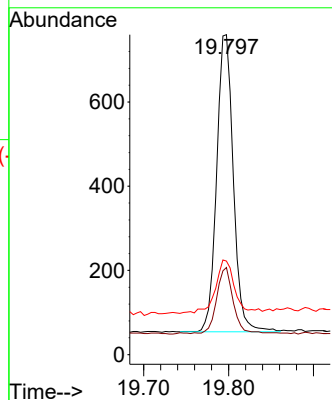
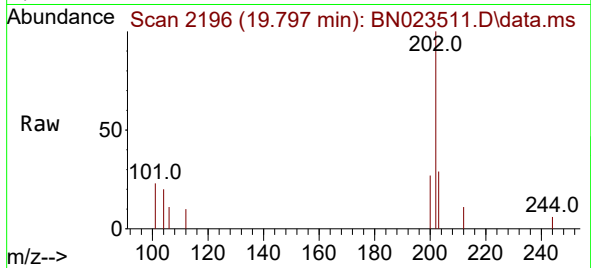




#30
Pyrene
Concen: 0.024 ng
RT: 19.797 min Scan# 2196
Delta R.T. -0.004 min
Lab File: BN023511.D
Acq: 28 Dec 2022 06:20

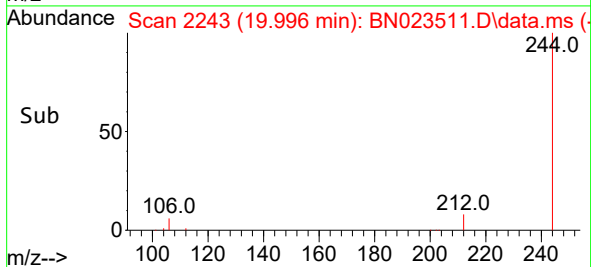
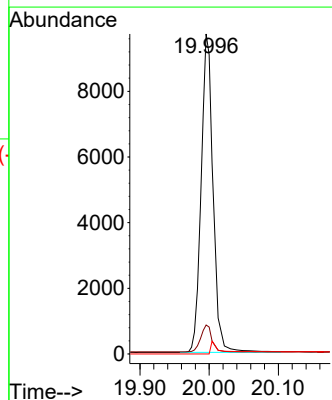
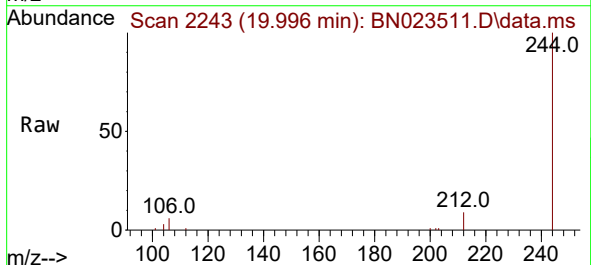
Instrument :
BNA_N
ClientSampleId :
SP-303-20221215

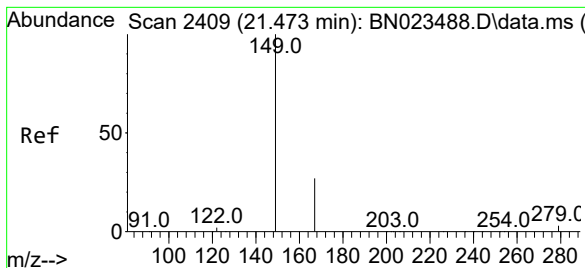
Tgt Ion:202 Resp: 963
Ion Ratio Lower Upper
202 100
200 21.9 17.0 25.4
203 20.7 14.4 21.6



#31
Terphenyl-d14
Concen: 0.636 ng
RT: 19.996 min Scan# 2243
Delta R.T. -0.004 min
Lab File: BN023511.D
Acq: 28 Dec 2022 06:20

Tgt Ion:244 Resp: 16058
Ion Ratio Lower Upper
244 100
212 9.1 7.4 11.0
122 0.0 0.0 0.0

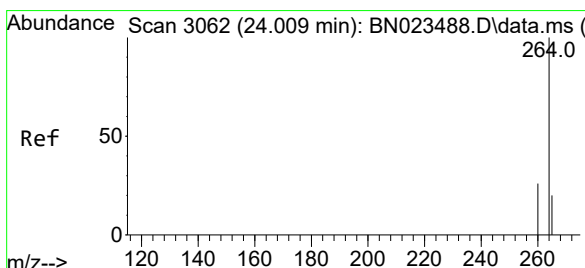
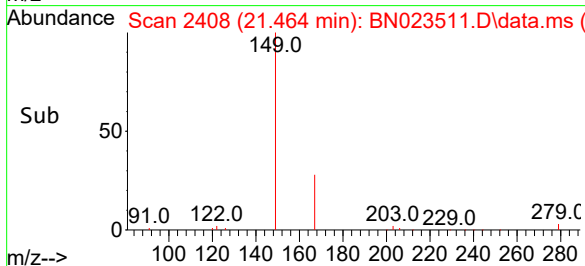
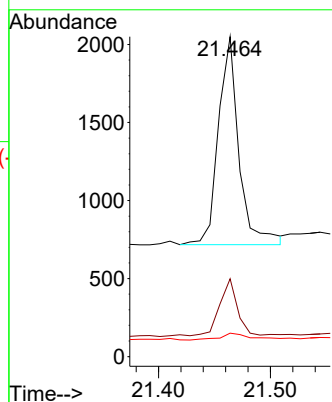
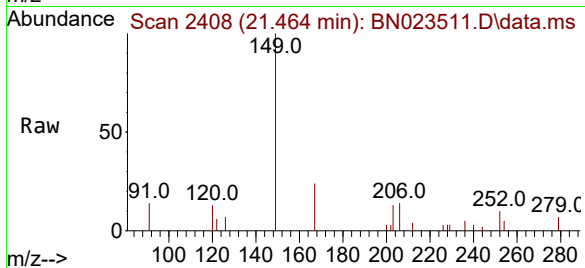




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.077 ng
 RT: 21.464 min Scan# 2408
 Delta R.T. -0.009 min
 Lab File: BN023511.D
 Acq: 28 Dec 2022 06:20

Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20221215

Tgt Ion:149 Resp: 1704
 Ion Ratio Lower Upper
 149 100
 167 25.8 21.0 31.6
 279 5.7 2.2 3.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.001 min Scan# 3059
 Delta R.T. -0.009 min
 Lab File: BN023511.D
 Acq: 28 Dec 2022 06:20

Tgt Ion:264 Resp: 8484
 Ion Ratio Lower Upper
 264 100
 260 27.2 21.1 31.7
 265 76.2 48.9 73.3#

