

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
 Data File : BN027327.D
 Acq On : 01 Sep 2023 02:11
 Operator : MA/JU
 Sample : 04208-03
 Misc :
 ALS Vial : 108 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 01 04:05:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 29 05:37:30 2023
 Response via : Initial Calibration

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

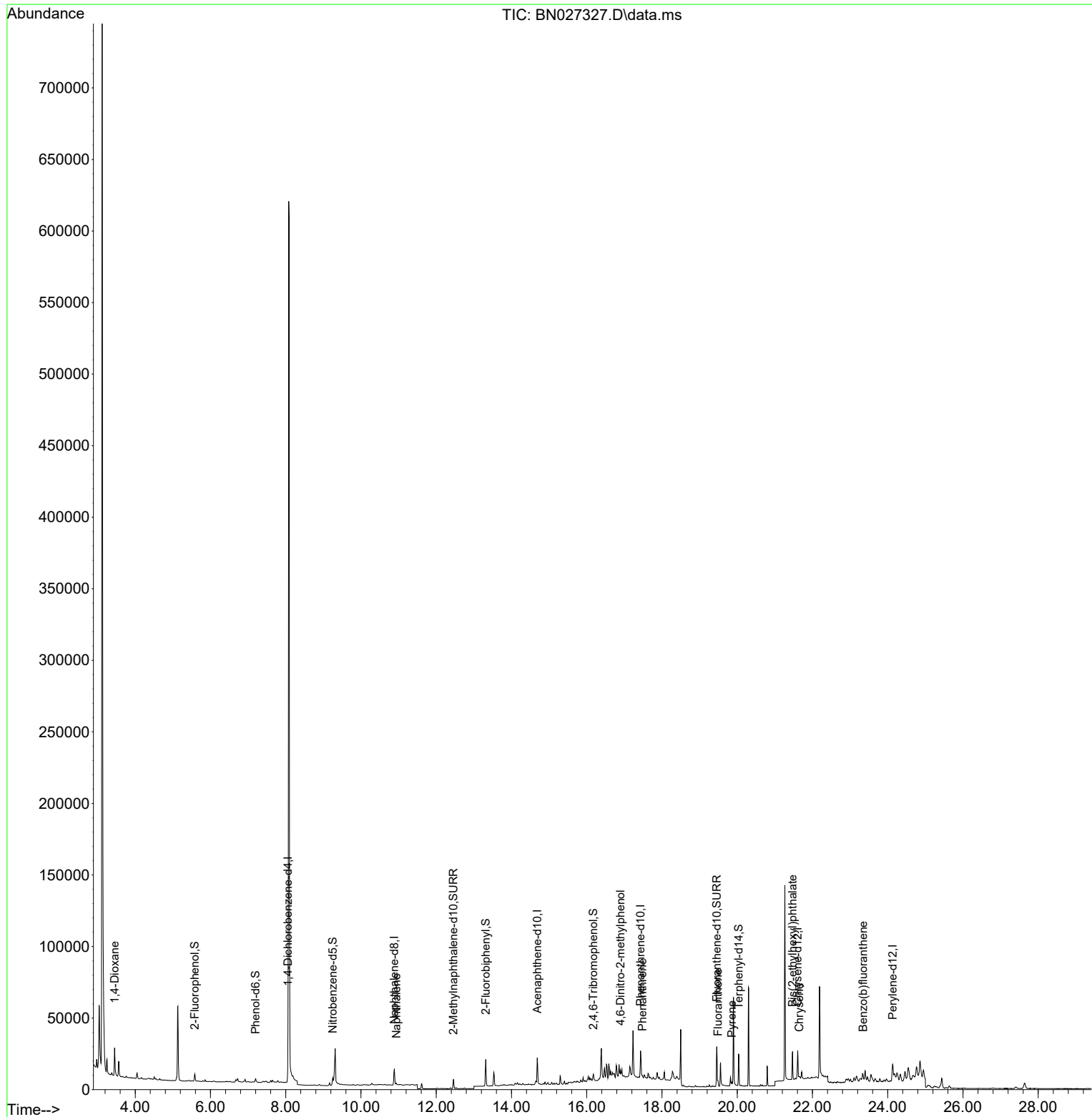
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	5277	0.400	ng	-0.01
7) Naphthalene-d8	10.885	136	16001	0.400	ng	-0.01
13) Acenaphthene-d10	14.683	164	10857	0.400	ng	-0.01
19) Phenanthrene-d10	17.430	188	24968	0.400	ng	#-0.01
29) Chrysene-d12	21.605	240	19553	0.400	ng	-0.02
35) Perylene-d12	24.130	264	19862	0.400	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.582	112	3129	0.227	ng	0.00
5) Phenol-d6	7.199	99	2417	0.144	ng	0.00
8) Nitrobenzene-d5	9.251	82	4538	0.389	ng	-0.01
11) 2-Methylnaphthalene-d10	12.457	152	8919	0.380	ng	-0.02
14) 2,4,6-Tribromophenol	16.177	330	2647	0.659	ng	-0.01
15) 2-Fluorobiphenyl	13.315	172	16058	0.389	ng	-0.01
27) Fluoranthene-d10	19.458	212	27164	0.438	ng	0.00
31) Terphenyl-d14	20.039	244	21421	0.545	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.451	88	13633	2.116	ng	# 92
9) Naphthalene	10.938	128	1465	0.034	ng	# 80
20) 4,6-Dinitro-2-methylph...	16.897	198	47	0.132	ng	# 1
25) Phenanthrene	17.480	178	1929	0.026	ng	# 89
28) Fluoranthene	19.486	202	3333	0.039	ng	# 88
30) Pyrene	19.853	202	2407	0.031	ng	# 75
33) Chrysene	21.650	228	1548	0.021	ng	# 77
34) Bis(2-ethylhexyl)phtha...	21.471	149	18958	0.586	ng	# 96
37) Benzo(b)fluoranthene	23.350	252	1781	0.023	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
Data File : BN027327.D
Acq On : 01 Sep 2023 02:11
Operator : MA/JU
Sample : 04208-03
Misc :
ALS Vial : 108 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

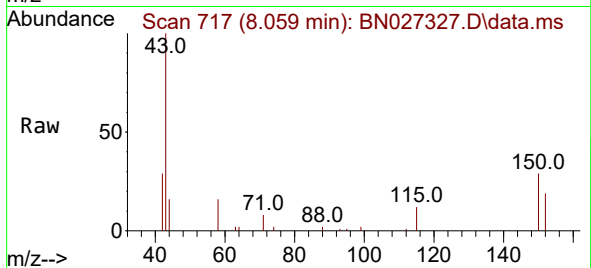
Quant Time: Sep 01 04:05:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:37:30 2023
Response via : Initial Calibration



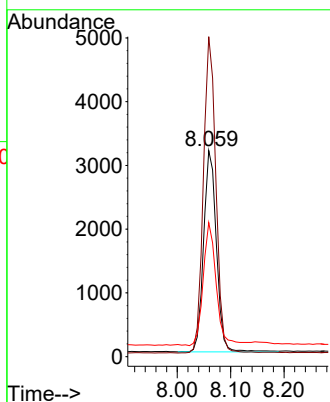
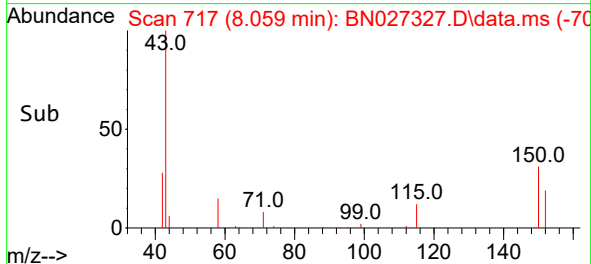


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.059 min Scan# 71
 Delta R.T. -0.014 min
 Lab File: BN027327.D
 Acq: 01 Sep 2023 02:11

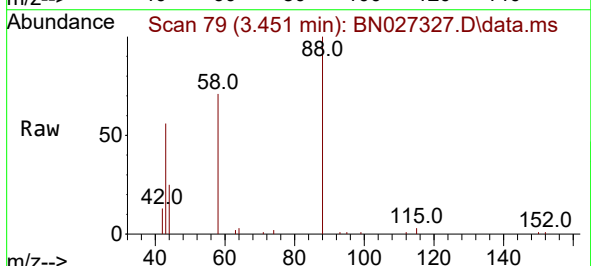
Instrument :
 BNA_N
 ClientSampleId :



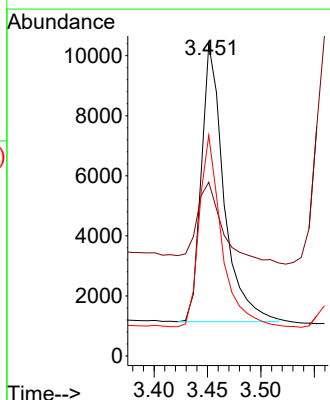
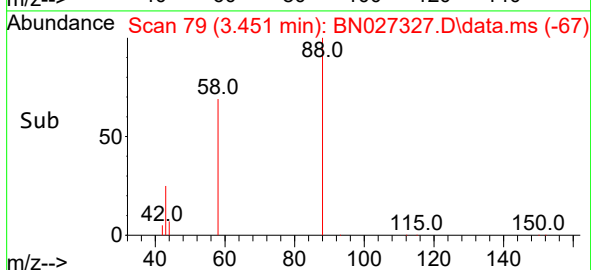
Tgt Ion:152 Resp: 5277
 Ion Ratio Lower Upper
 152 100
 150 155.3 122.7 184.1
 115 65.1 48.6 73.0



#2
 1,4-Dioxane
 Concen: 2.116 ng
 RT: 3.451 min Scan# 79
 Delta R.T. -0.014 min
 Lab File: BN027327.D
 Acq: 01 Sep 2023 02:11



Tgt Ion: 88 Resp: 13633
 Ion Ratio Lower Upper
 88 100
 43 32.8 19.1 28.7#
 58 68.2 52.2 78.2

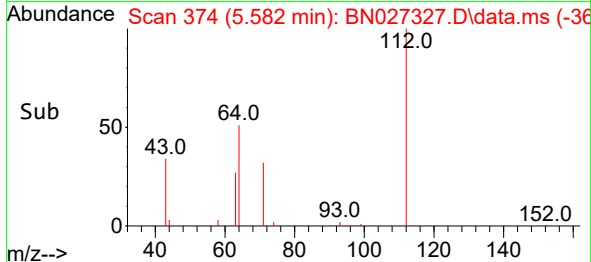
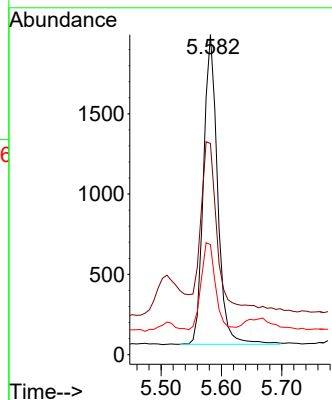
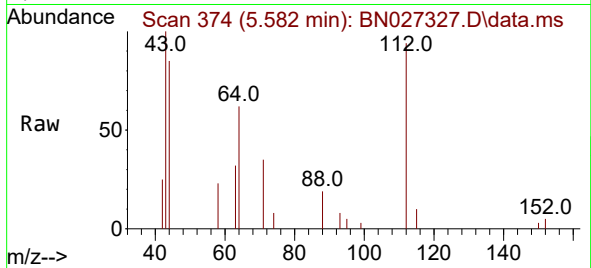




#4
2-Fluorophenol
Concen: 0.227 ng
RT: 5.582 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027327.D
Acq: 01 Sep 2023 02:11

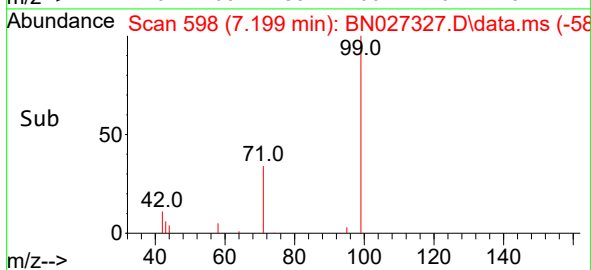
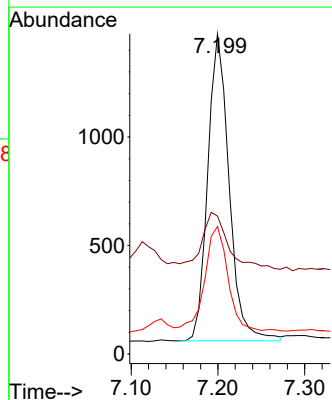
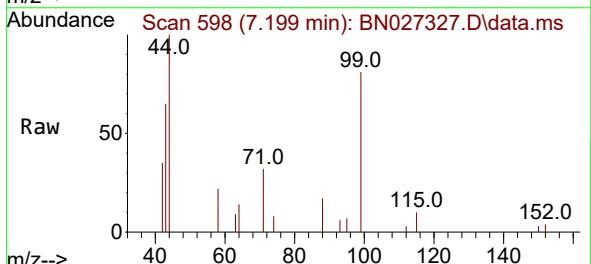
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 3129
Ion Ratio Lower Upper
112 100
64 61.4 44.4 66.6
63 28.6 23.1 34.7



#5
Phenol-d6
Concen: 0.144 ng
RT: 7.199 min Scan# 598
Delta R.T. -0.007 min
Lab File: BN027327.D
Acq: 01 Sep 2023 02:11

Tgt Ion: 99 Resp: 2417
Ion Ratio Lower Upper
99 100
42 22.9 14.5 21.7#
71 37.2 25.8 38.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.885 min Scan# 994

Delta R.T. -0.011 min

Lab File: BN027327.D

Acq: 01 Sep 2023 02:11

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:136 Resp: 16001

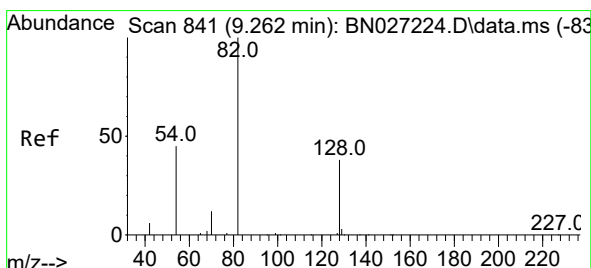
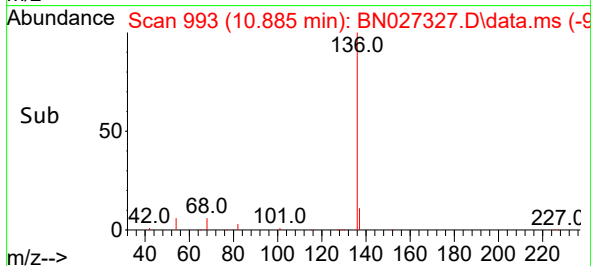
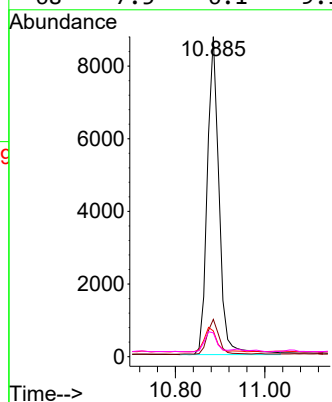
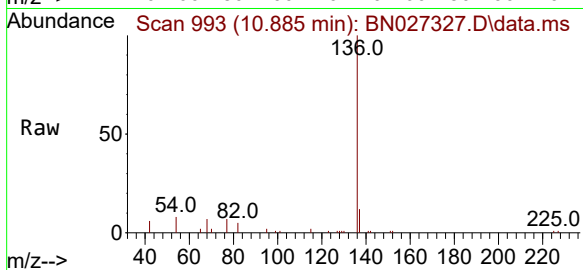
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 8.0 6.7 10.1

68 7.5 6.1 9.1



#8

Nitrobenzene-d5

Concen: 0.389 ng

RT: 9.251 min Scan# 840

Delta R.T. -0.011 min

Lab File: BN027327.D

Acq: 01 Sep 2023 02:11

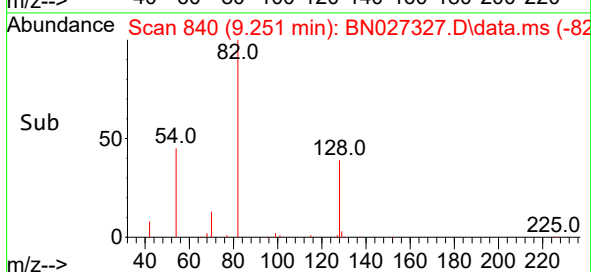
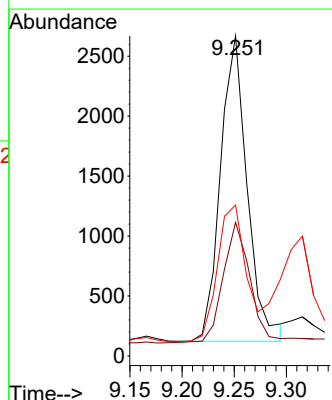
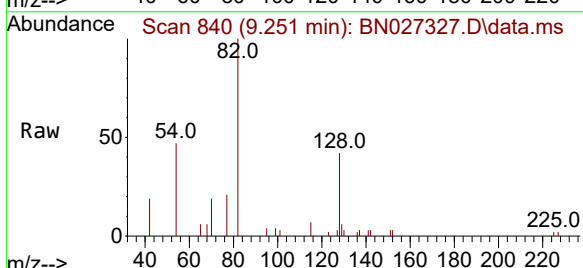
Tgt Ion: 82 Resp: 4538

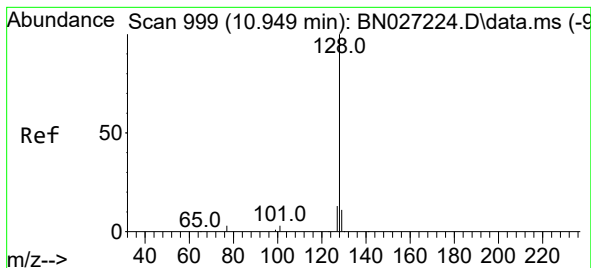
Ion Ratio Lower Upper

82 100

128 41.7 33.4 50.0

54 47.2 37.7 56.5





#9

Naphthalene

Concen: 0.034 ng

RT: 10.938 min Scan# 99

Delta R.T. -0.011 min

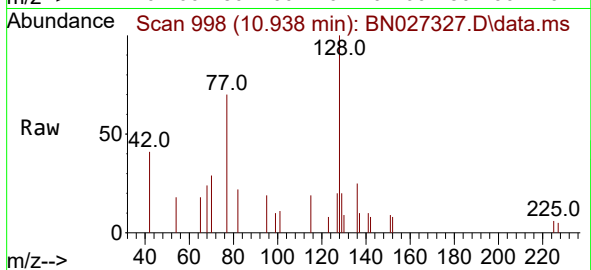
Lab File: BN027327.D

Acq: 01 Sep 2023 02:11

Instrument :

BNA_N

ClientSampleId :



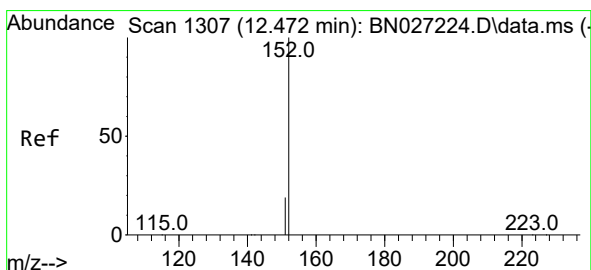
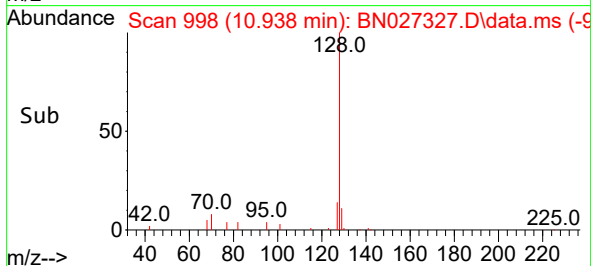
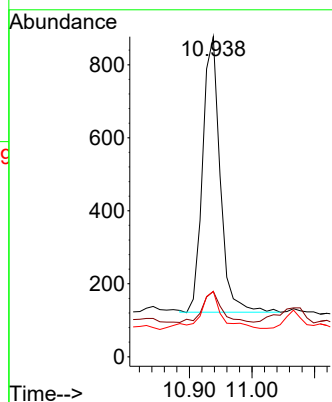
Tgt Ion:128 Resp: 1465

Ion Ratio Lower Upper

128 100

129 20.4 9.4 14.0#

127 20.4 10.6 15.8#



#11

2-Methylnaphthalene-d10

Concen: 0.380 ng

RT: 12.457 min Scan# 1303

Delta R.T. -0.015 min

Lab File: BN027327.D

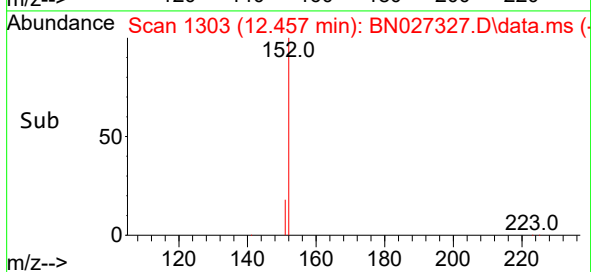
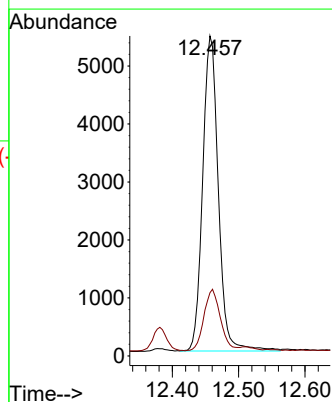
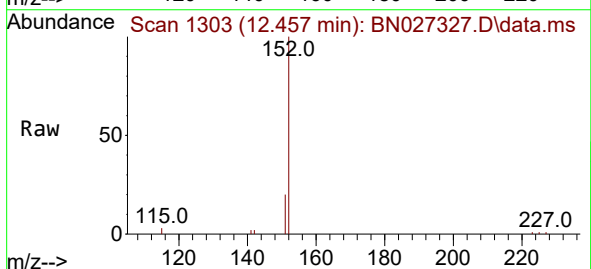
Acq: 01 Sep 2023 02:11

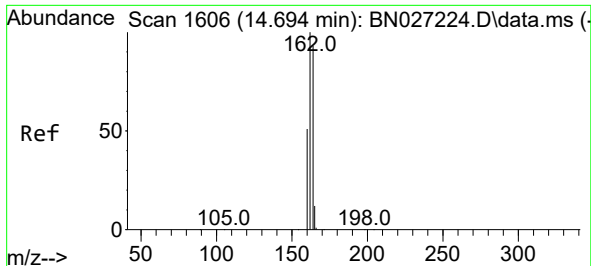
Tgt Ion:152 Resp: 8919

Ion Ratio Lower Upper

152 100

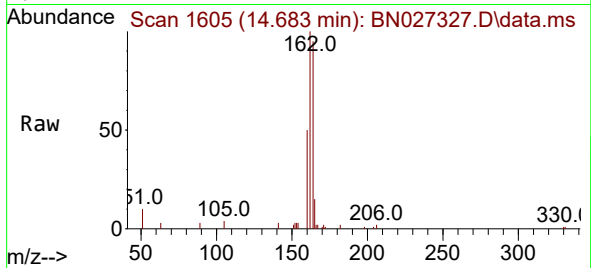
151 20.6 16.6 25.0



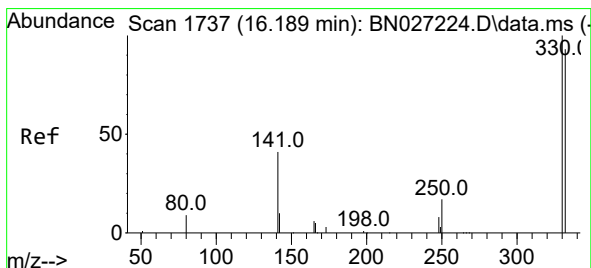
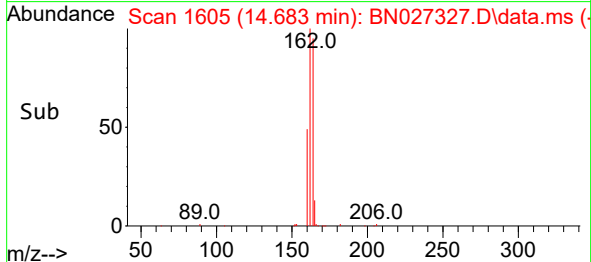
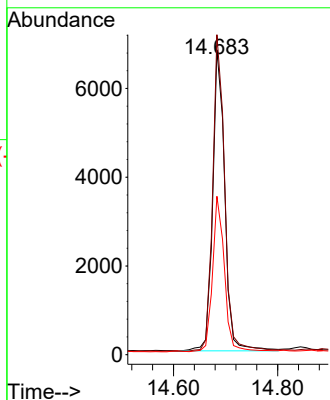


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.683 min Scan# 1605
Delta R.T. -0.011 min
Lab File: BN027327.D
Acq: 01 Sep 2023 02:11

Instrument :
BNA_N
ClientSampleId :

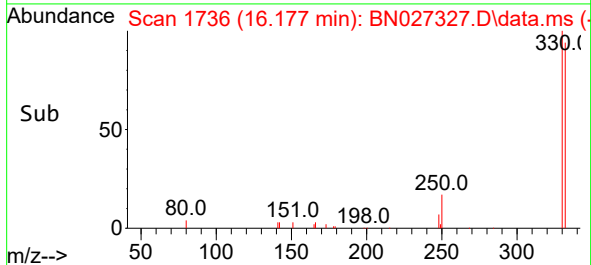
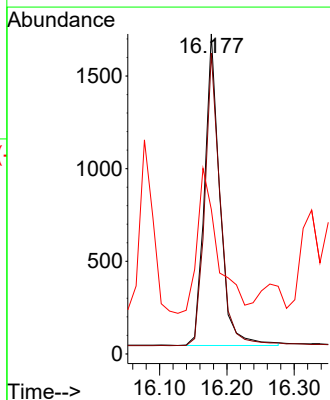
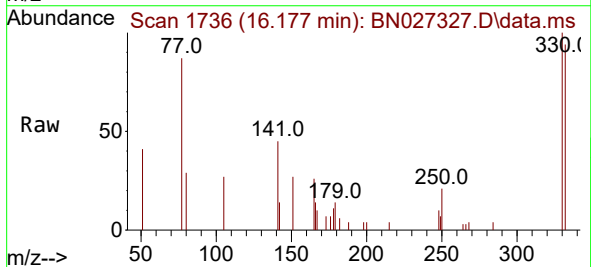


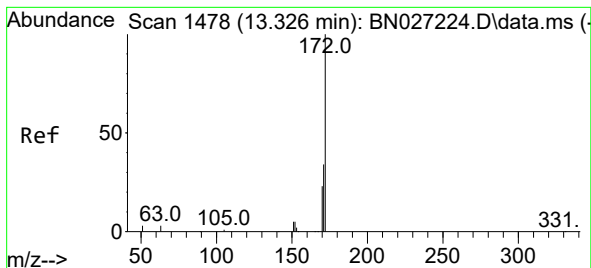
Tgt Ion:164 Resp: 10857
Ion Ratio Lower Upper
164 100
162 104.9 85.8 128.8
160 51.9 44.2 66.2



#14
2,4,6-Tribromophenol
Concen: 0.659 ng
RT: 16.177 min Scan# 1736
Delta R.T. -0.012 min
Lab File: BN027327.D
Acq: 01 Sep 2023 02:11

Tgt Ion:330 Resp: 2647
Ion Ratio Lower Upper
330 100
332 94.8 75.2 112.8
141 62.1 36.2 54.4#

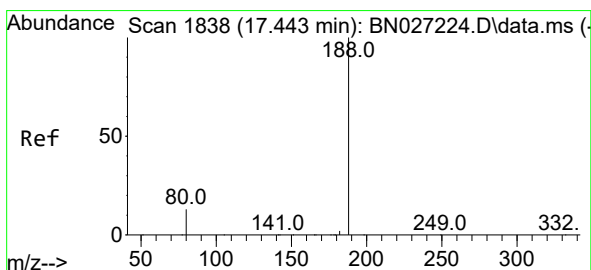
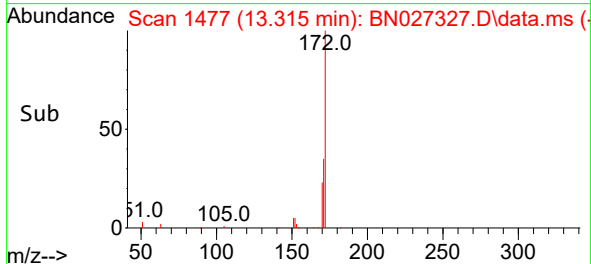
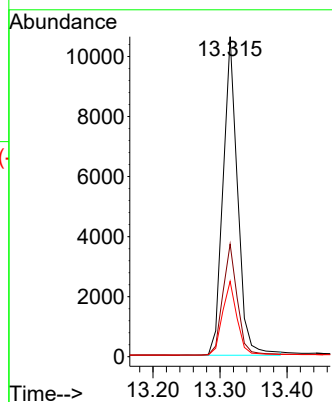
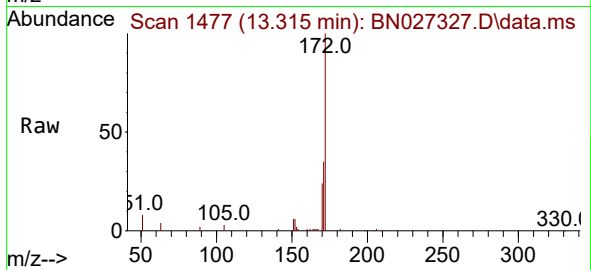




#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 13.315 min Scan# 1478
Delta R.T. -0.011 min
Lab File: BN027327.D
Acq: 01 Sep 2023 02:11

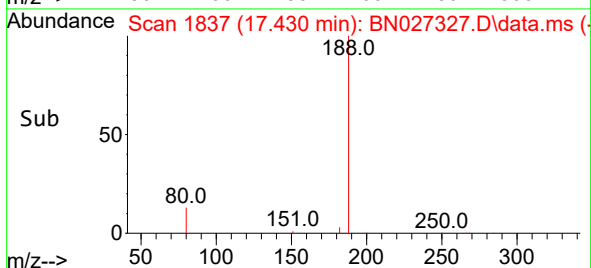
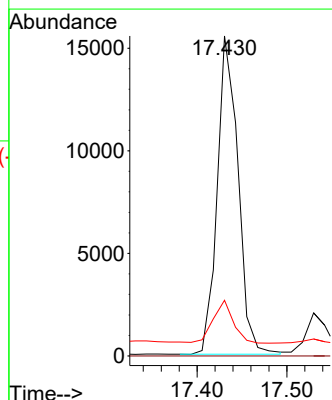
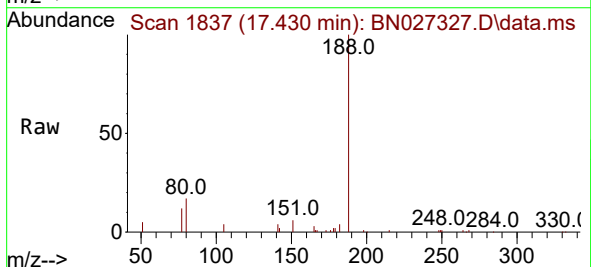
Instrument :
BNA_N
ClientSampleId :

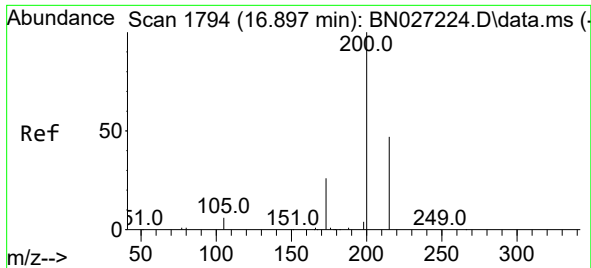
Tgt Ion:172 Resp: 16058
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.8
170 23.5 19.3 28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.430 min Scan# 1837
Delta R.T. -0.012 min
Lab File: BN027327.D
Acq: 01 Sep 2023 02:11

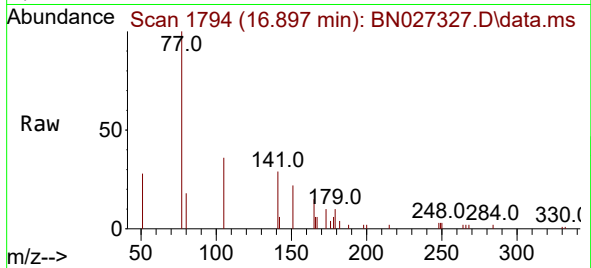
Tgt Ion:188 Resp: 24968
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.4 11.0 16.6#



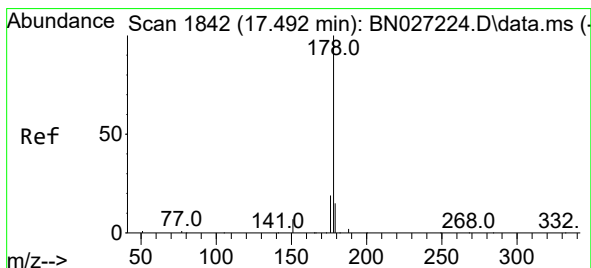
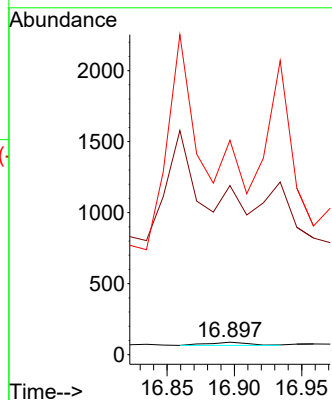
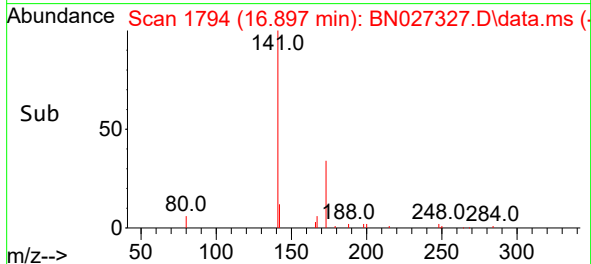


#20
4,6-Dinitro-2-methylphenol
Concen: 0.132 ng
RT: 16.897 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027327.D
Acq: 01 Sep 2023 02:11

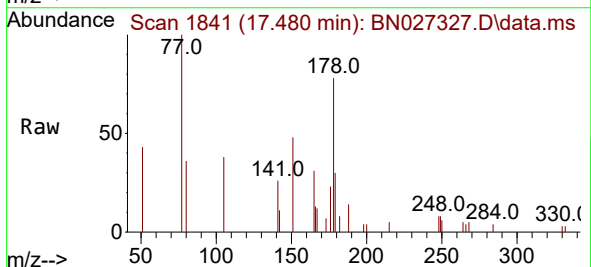
Instrument :
BNA_N
ClientSampleId :



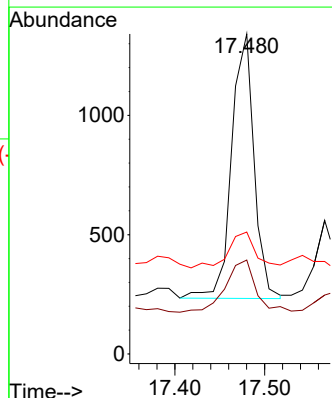
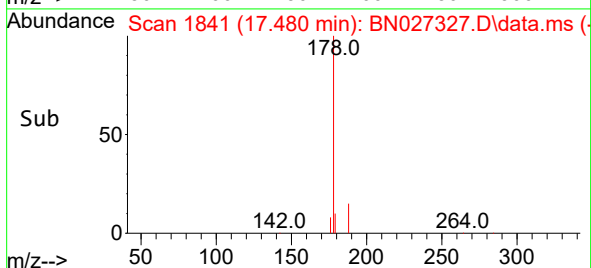
Tgt Ion:198 Resp: 47
Ion Ratio Lower Upper
198 100
51 1367.8 282.2 423.2#
105 1734.5 168.7 253.1#

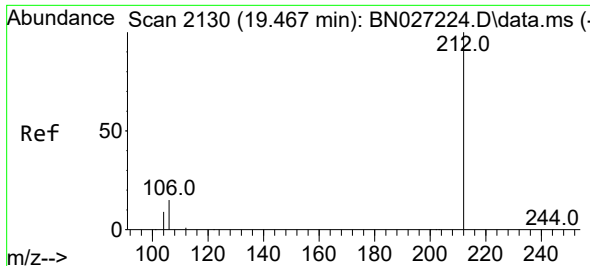


#25
Phenanthrene
Concen: 0.026 ng
RT: 17.480 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BN027327.D
Acq: 01 Sep 2023 02:11



Tgt Ion:178 Resp: 1929
Ion Ratio Lower Upper
178 100
176 27.6 15.6 23.4#
179 16.2 12.3 18.5

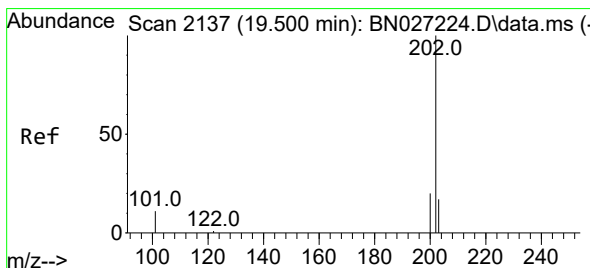
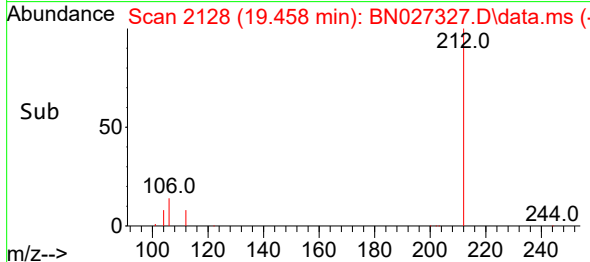
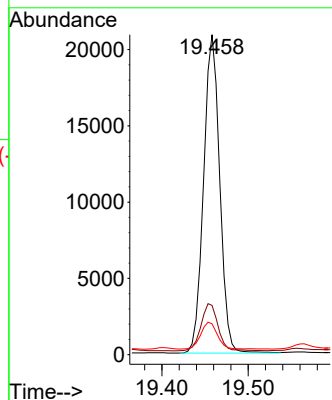
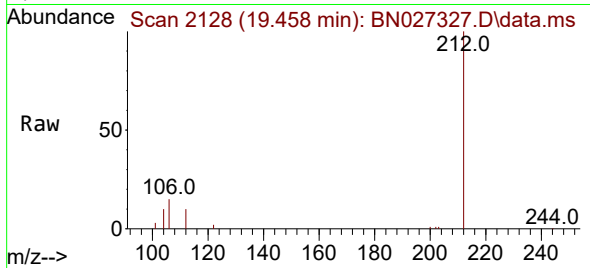




#27
Fluoranthene-d10
Concen: 0.438 ng
RT: 19.458 min Scan# 2130
Delta R.T. -0.009 min
Lab File: BN027327.D
Acq: 01 Sep 2023 02:11

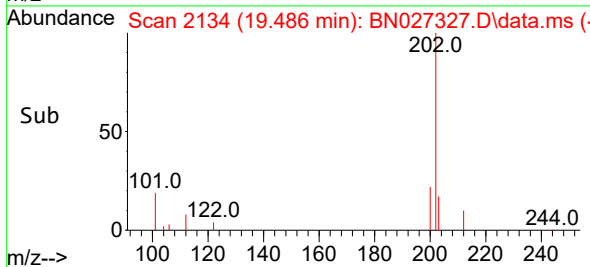
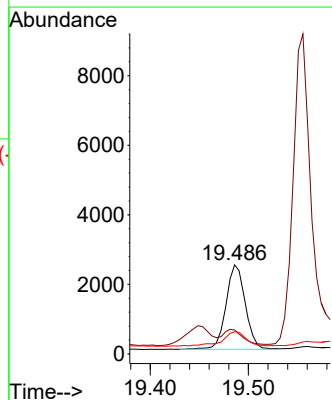
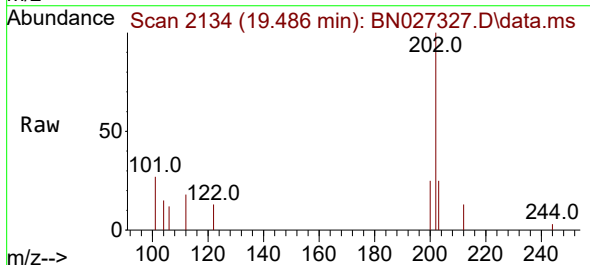
Instrument :
BNA_N
ClientSampleId :

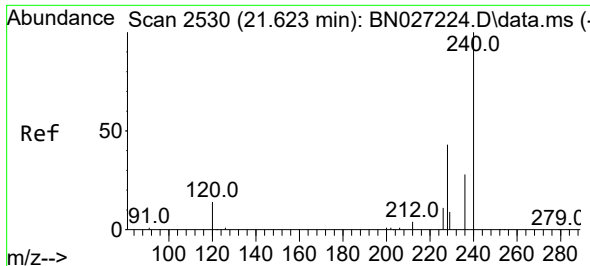
Tgt Ion:212 Resp: 27164
Ion Ratio Lower Upper
212 100
106 15.8 12.1 18.1
104 8.7 6.9 10.3



#28
Fluoranthene
Concen: 0.039 ng
RT: 19.486 min Scan# 2134
Delta R.T. -0.014 min
Lab File: BN027327.D
Acq: 01 Sep 2023 02:11

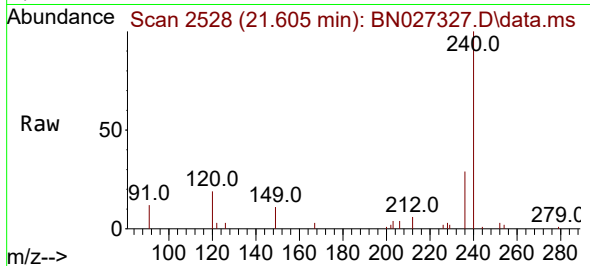
Tgt Ion:202 Resp: 3333
Ion Ratio Lower Upper
202 100
101 17.2 9.6 14.4#
203 21.8 13.6 20.4#



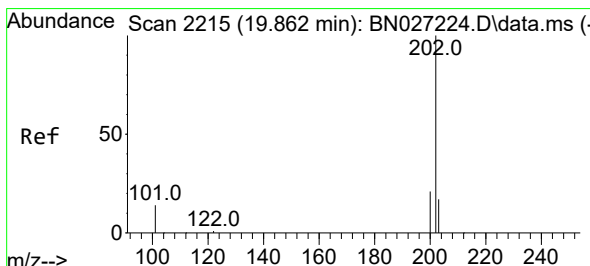
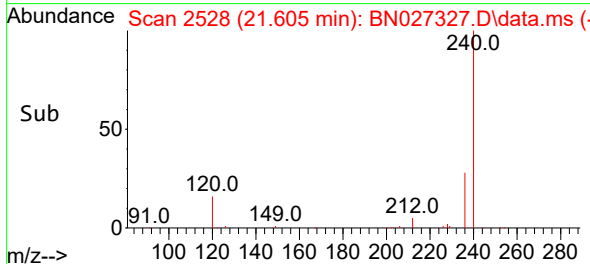
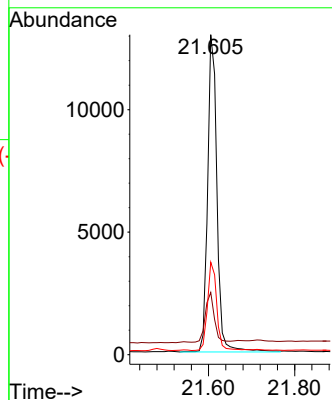


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.605 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN027327.D
Acq: 01 Sep 2023 02:11

Instrument :
BNA_N
ClientSampleId :

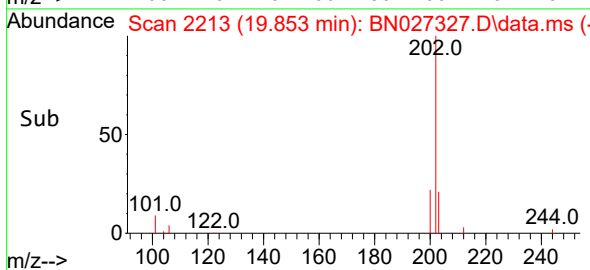
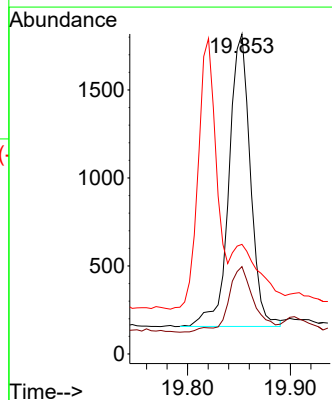
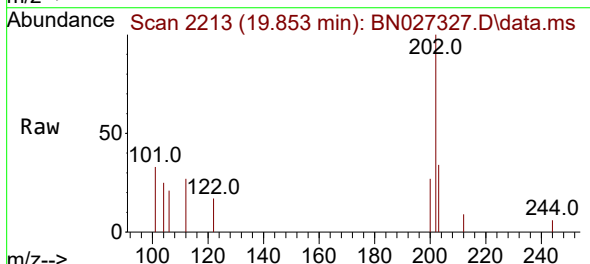


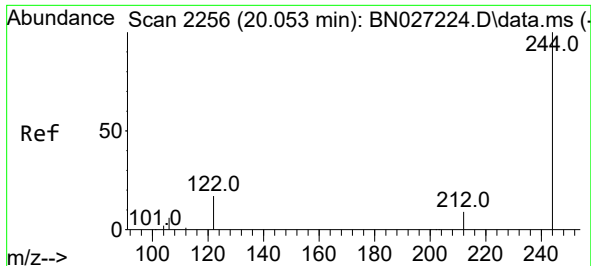
Tgt Ion:240 Resp: 19553
Ion Ratio Lower Upper
240 100
120 19.4 14.2 21.4
236 28.9 22.9 34.3



#30
Pyrene
Concen: 0.031 ng
RT: 19.853 min Scan# 2213
Delta R.T. -0.009 min
Lab File: BN027327.D
Acq: 01 Sep 2023 02:11

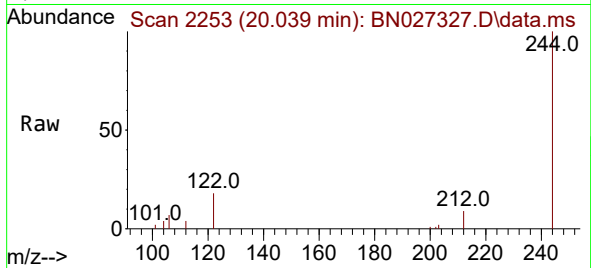
Tgt Ion:202 Resp: 2407
Ion Ratio Lower Upper
202 100
200 26.6 16.6 25.0#
203 0.0 14.2 21.4#



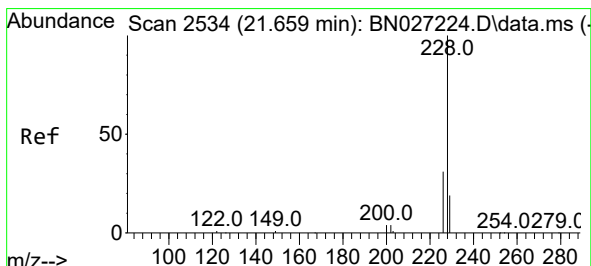
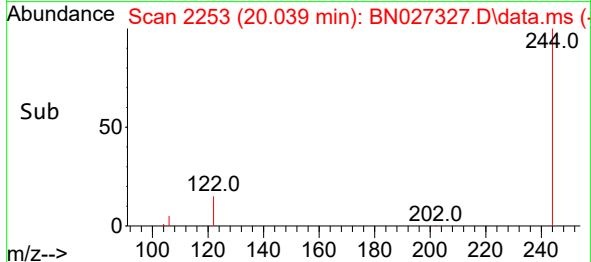
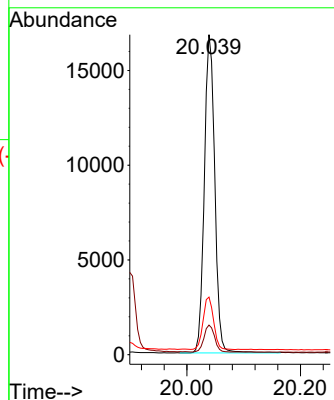


#31
Terphenyl-d14
Concen: 0.545 ng
RT: 20.039 min Scan# 21421
Delta R.T. -0.014 min
Lab File: BN027327.D
Acq: 01 Sep 2023 02:11

Instrument :
BNA_N
ClientSampleId :

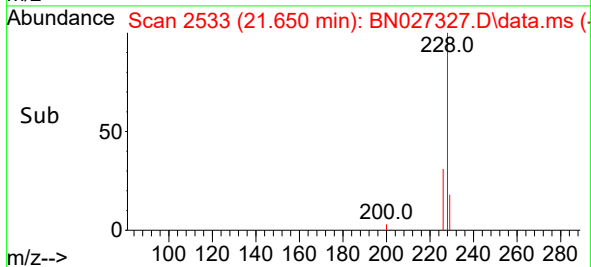
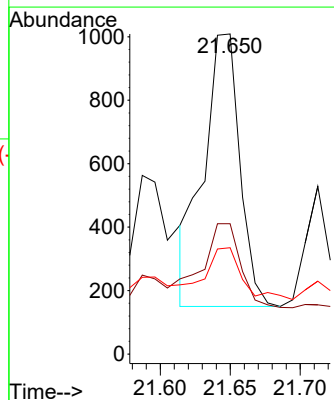
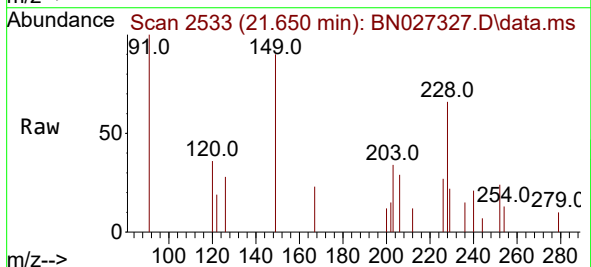


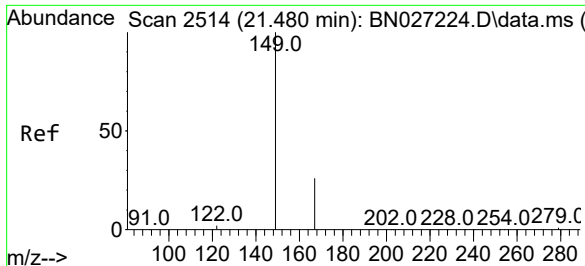
Tgt Ion:244 Resp: 21421
Ion Ratio Lower Upper
244 100
212 9.2 7.5 11.3
122 18.0 14.0 21.0



#33
Chrysene
Concen: 0.021 ng
RT: 21.650 min Scan# 2533
Delta R.T. -0.009 min
Lab File: BN027327.D
Acq: 01 Sep 2023 02:11

Tgt Ion:228 Resp: 1548
Ion Ratio Lower Upper
228 100
226 40.7 24.3 36.5#
229 33.2 15.4 23.2#

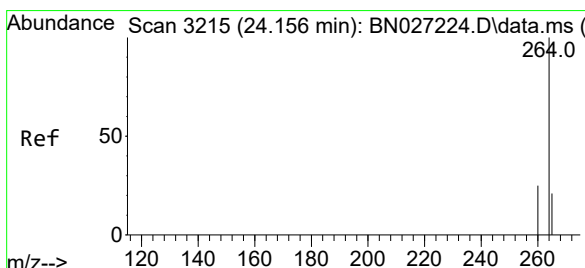
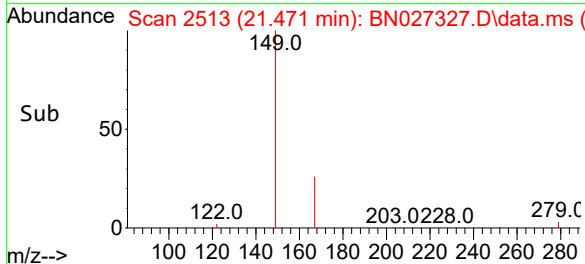
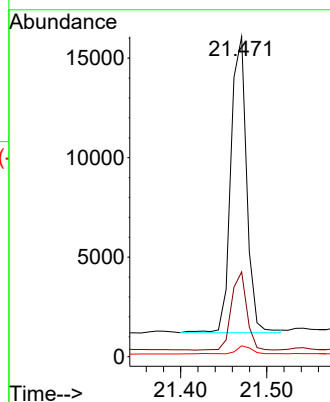
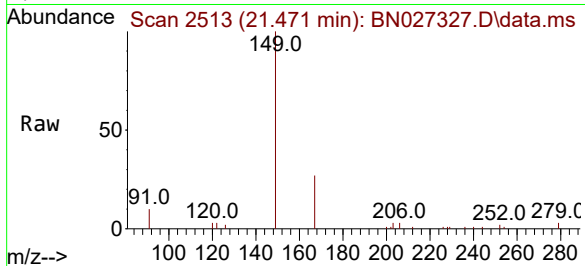




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.586 ng
 RT: 21.471 min Scan# 214
 Delta R.T. -0.009 min
 Lab File: BN027327.D
 Acq: 01 Sep 2023 02:11

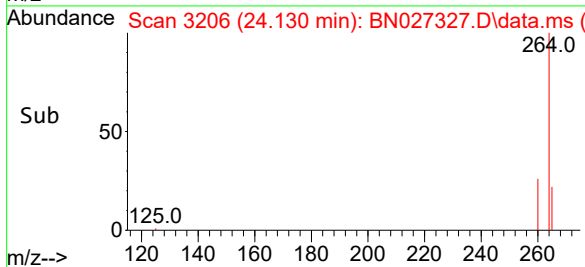
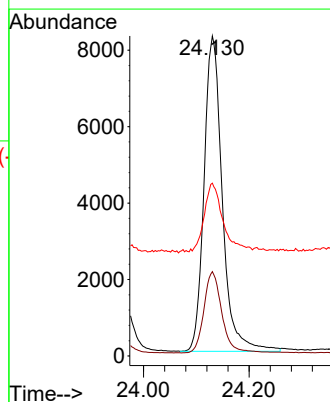
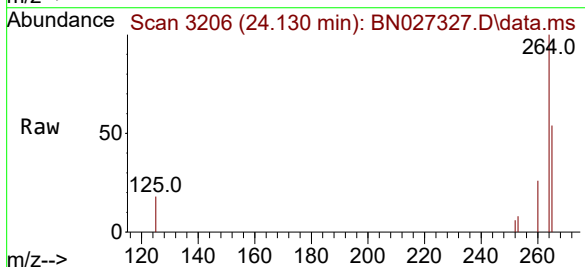
Instrument :
 BNA_N
 ClientSampleId :

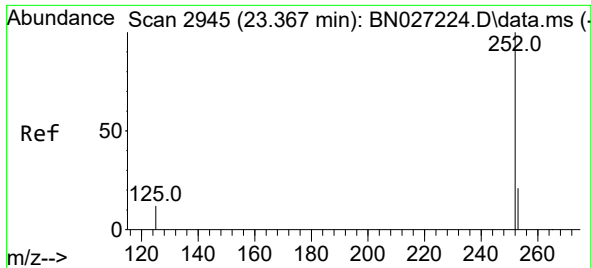
Tgt Ion:149 Resp: 18958
 Ion Ratio Lower Upper
 149 100
 167 25.6 22.1 33.1
 279 2.4 2.7 4.1#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.130 min Scan# 3206
 Delta R.T. -0.026 min
 Lab File: BN027327.D
 Acq: 01 Sep 2023 02:11

Tgt Ion:264 Resp: 19862
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.7 31.1
 265 54.0 53.3 79.9





#37

Benzo(b)fluoranthene

Concen: 0.023 ng

RT: 23.350 min Scan# 29

Delta R.T. -0.017 min

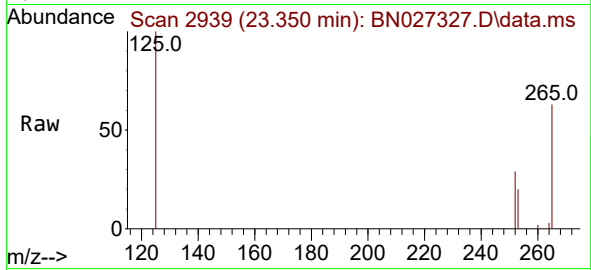
Lab File: BN027327.D

Acq: 01 Sep 2023 02:11

Instrument :

BNA_N

ClientSampleId :



Tgt Ion:252 Resp: 1781

Ion Ratio Lower Upper

252 100

253 69.1 19.9 29.9#

125 343.2 13.8 20.6#

