

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
 Data File : BN027329.D
 Acq On : 01 Sep 2023 03:24
 Operator : MA/JU
 Sample : 04208-05
 Misc :
 ALS Vial : 110 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BR-03-127-082823-H

Quant Time: Sep 01 04:07:53 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)

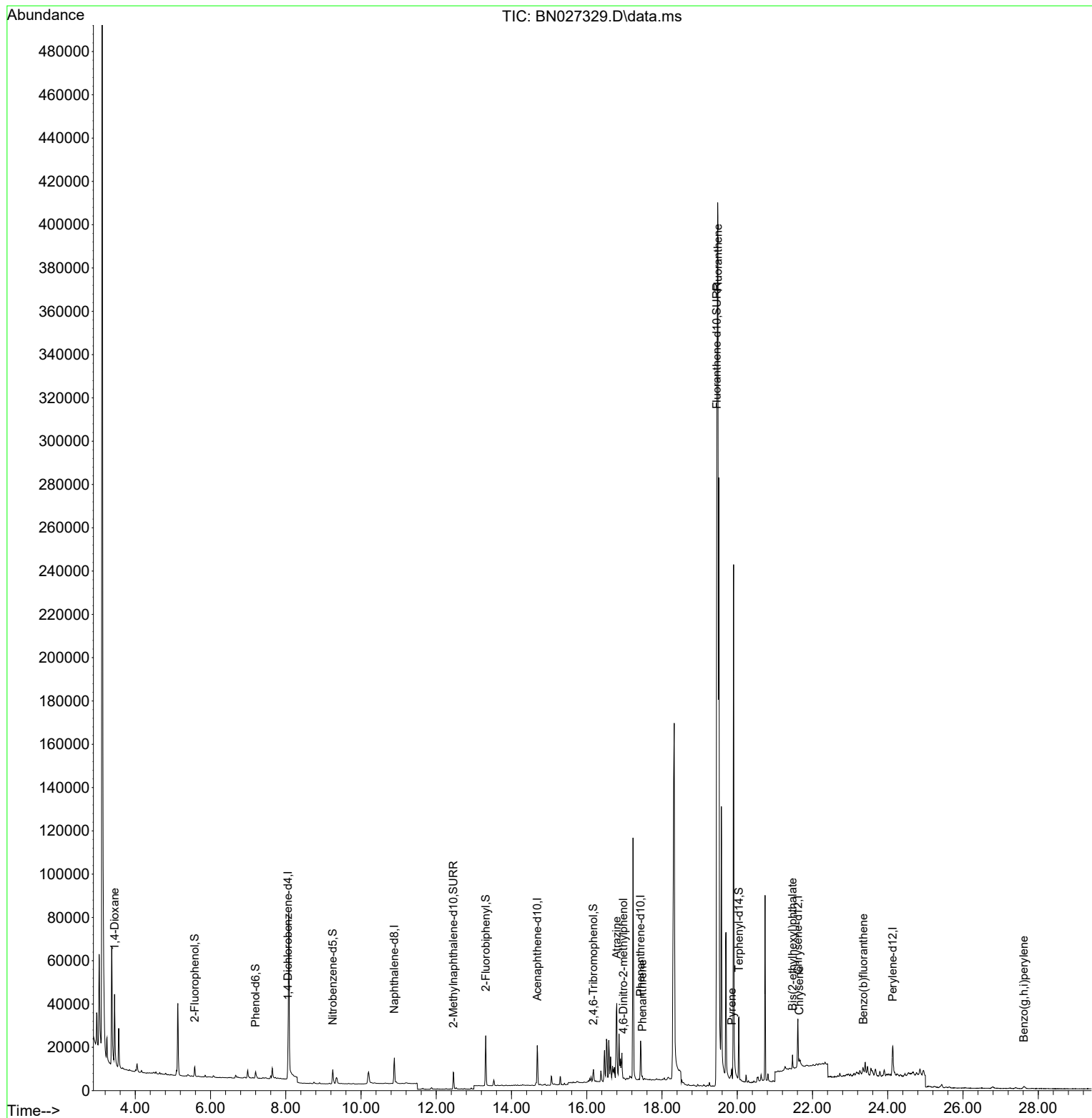
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	5502	0.400	ng	-0.01
7) Naphthalene-d8	10.884	136	16611	0.400	ng	-0.01
13) Acenaphthene-d10	14.683	164	10911	0.400	ng	-0.01
19) Phenanthrene-d10	17.430	188	25470	0.400	ng	-0.01
29) Chrysene-d12	21.614	240	22054	0.400	ng	0.00
35) Perylene-d12	24.133	264	22053	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.581	112	3771	0.263	ng	0.00
5) Phenol-d6	7.199	99	2962	0.170	ng	0.00
8) Nitrobenzene-d5	9.251	82	5546	0.458	ng	-0.01
11) 2-Methylnaphthalene-d10	12.456	152	11137	0.457	ng	-0.02
14) 2,4,6-Tribromophenol	16.176	330	2931	0.726	ng	-0.01
15) 2-Fluorobiphenyl	13.315	172	19867	0.479	ng	-0.01
27) Fluoranthene-d10	19.458	212	39520	0.624	ng	0.00
31) Terphenyl-d14	20.043	244	27217	0.614	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.451	88	23491	3.497	ng	# 95
20) 4,6-Dinitro-2-methylph...	16.971	198	19	0.052	ng	# 1
23) Atrazine	16.797	200	2723	0.271	ng	# 55
25) Phenanthrene	17.480	178	2028	0.027	ng	# 95
28) Fluoranthene	19.485	202	7070	0.080	ng	# 1
30) Pyrene	19.852	202	3804	0.043	ng	# 72
33) Chrysene	21.649	228	3762	0.045	ng	# 82
34) Bis(2-ethylhexyl)phtha...	21.470	149	5660	0.155	ng	96
37) Benzo(b)fluoranthene	23.352	252	3686	0.043	ng	# 1
41) Benzo(g,h,i)perylene	27.618	276	1784	0.022	ng	# 45

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

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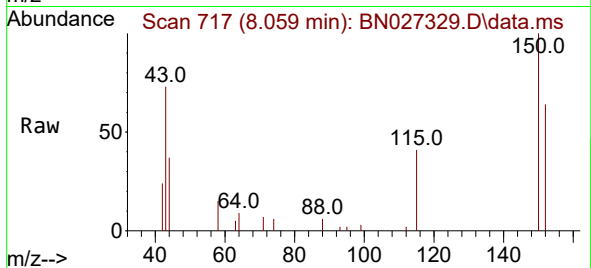
Quant Time: Sep 01 04:07:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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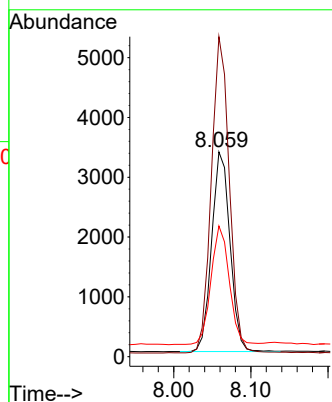
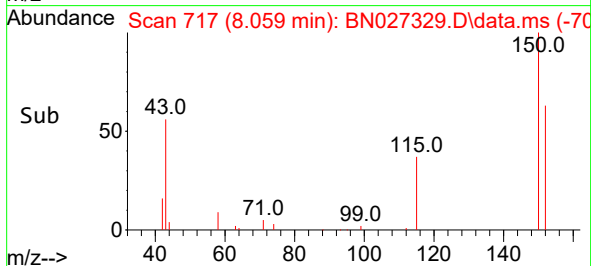


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.059 min Scan# 71
 Delta R.T. -0.014 min
 Lab File: BN027329.D
 Acq: 01 Sep 2023 03:24

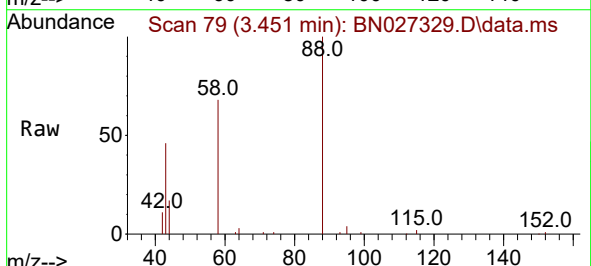
Instrument :
 BNA_N
 ClientSampleId :
 BR-03-127-082823-H



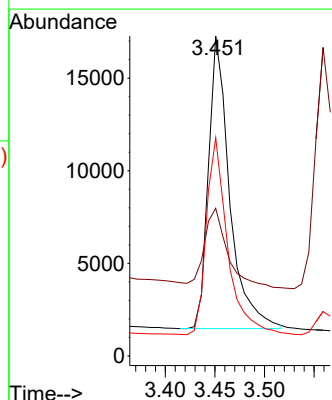
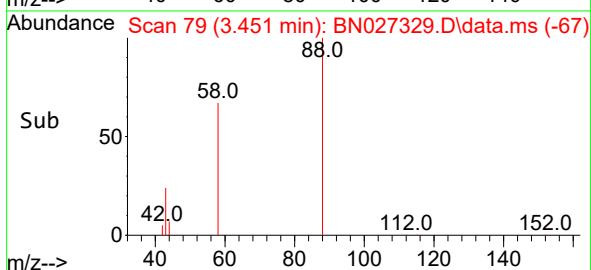
Tgt Ion:152 Resp: 5502
 Ion Ratio Lower Upper
 152 100
 150 156.3 122.7 184.1
 115 63.8 48.6 73.0



#2
 1,4-Dioxane
 Concen: 3.497 ng
 RT: 3.451 min Scan# 79
 Delta R.T. -0.015 min
 Lab File: BN027329.D
 Acq: 01 Sep 2023 03:24



Tgt Ion: 88 Resp: 23491
 Ion Ratio Lower Upper
 88 100
 43 29.5 19.1 28.7#
 58 67.0 52.2 78.2

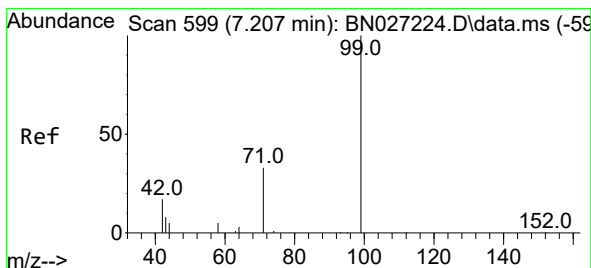
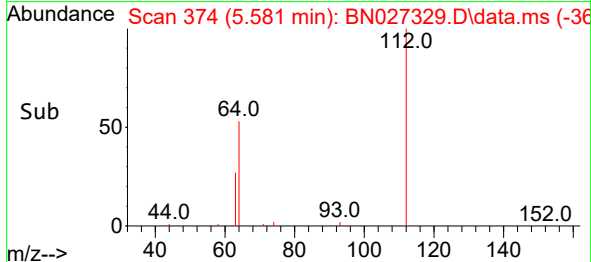
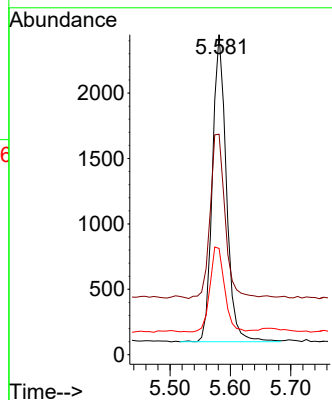
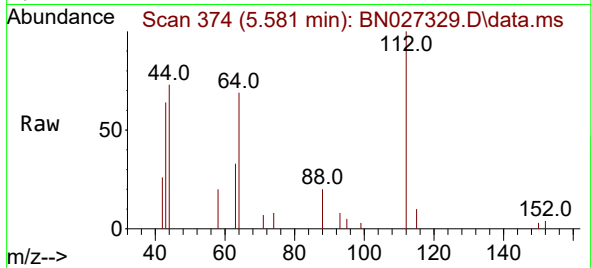




#4
2-Fluorophenol
Concen: 0.263 ng
RT: 5.581 min Scan# 375
Delta R.T. -0.007 min
Lab File: BN027329.D
Acq: 01 Sep 2023 03:24

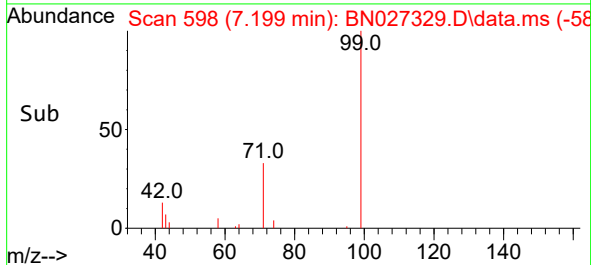
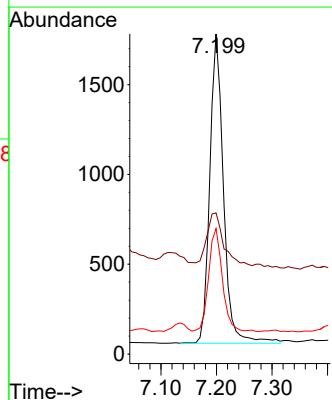
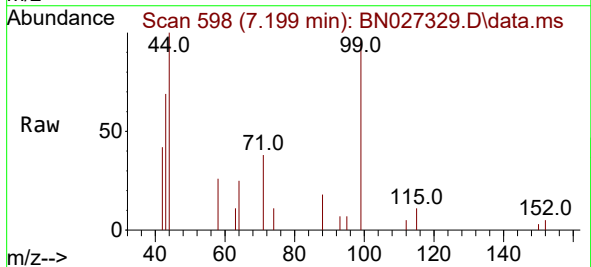
Instrument :
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BR-03-127-082823-H

Tgt Ion:112 Resp: 3771
Ion Ratio Lower Upper
112 100
64 57.2 44.4 66.6
63 28.8 23.1 34.7



#5
Phenol-d6
Concen: 0.170 ng
RT: 7.199 min Scan# 598
Delta R.T. -0.008 min
Lab File: BN027329.D
Acq: 01 Sep 2023 03:24

Tgt Ion: 99 Resp: 2962
Ion Ratio Lower Upper
99 100
42 20.6 14.5 21.7
71 33.3 25.8 38.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.884 min Scan# 994

Delta R.T. -0.011 min

Lab File: BN027329.D

Acq: 01 Sep 2023 03:24

Instrument :

BNA_N

ClientSampleId :

BR-03-127-082823-H

Tgt Ion:136 Resp: 16611

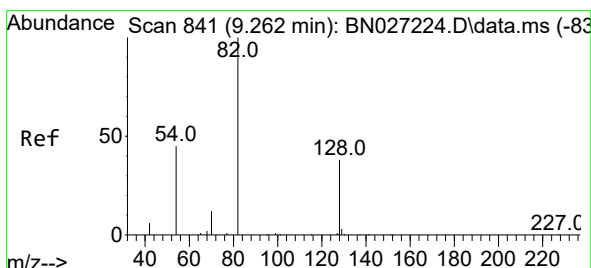
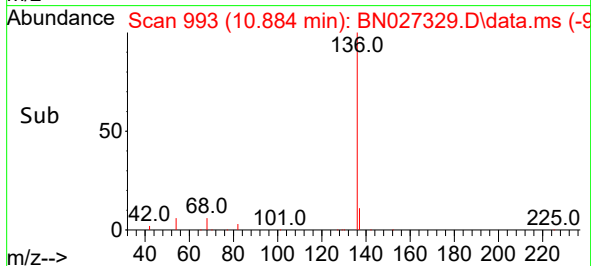
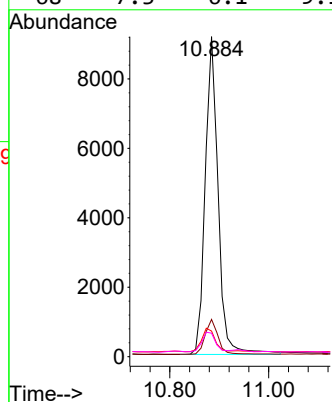
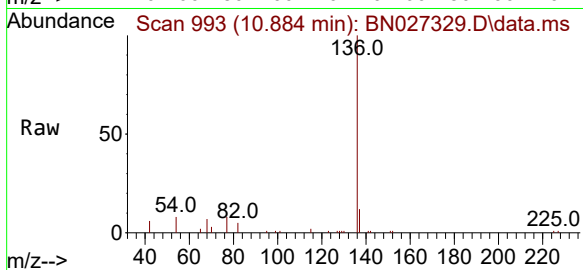
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 8.0 6.7 10.1

68 7.3 6.1 9.1



#8

Nitrobenzene-d5

Concen: 0.458 ng

RT: 9.251 min Scan# 840

Delta R.T. -0.011 min

Lab File: BN027329.D

Acq: 01 Sep 2023 03:24

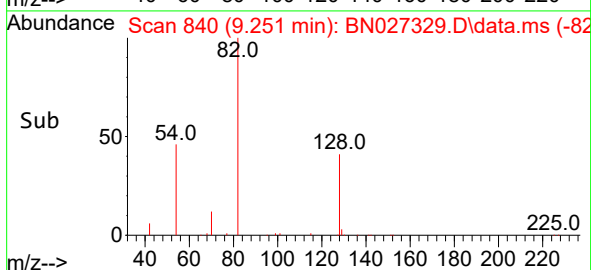
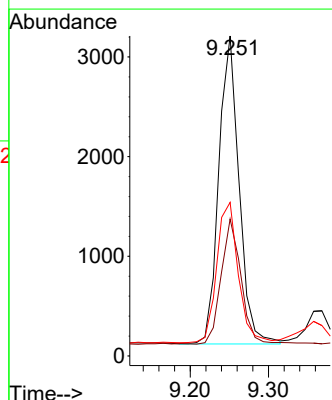
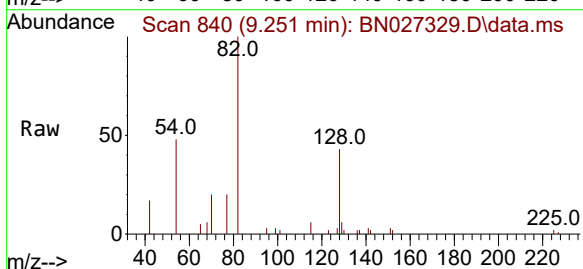
Tgt Ion: 82 Resp: 5546

Ion Ratio Lower Upper

82 100

128 42.8 33.4 50.0

54 48.0 37.7 56.5





#11

2-Methylnaphthalene-d10

Concen: 0.457 ng

RT: 12.456 min Scan# 11

Delta R.T. -0.015 min

Lab File: BN027329.D

Acq: 01 Sep 2023 03:24

Instrument :

BNA_N

ClientSampleId :

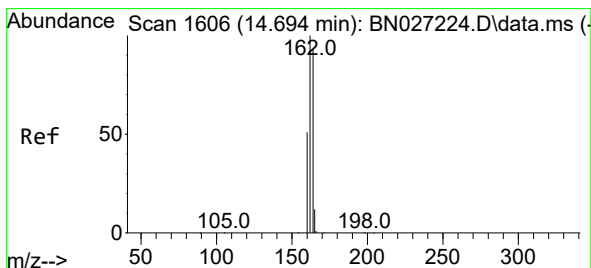
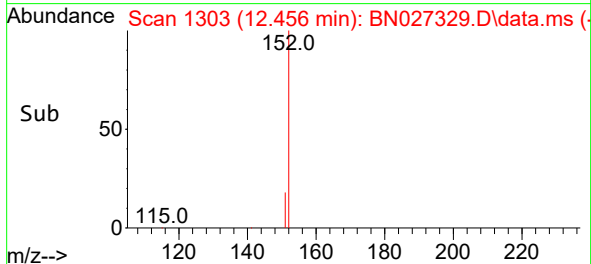
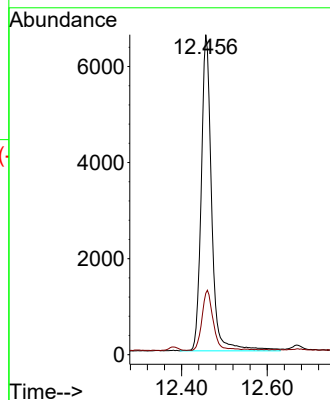
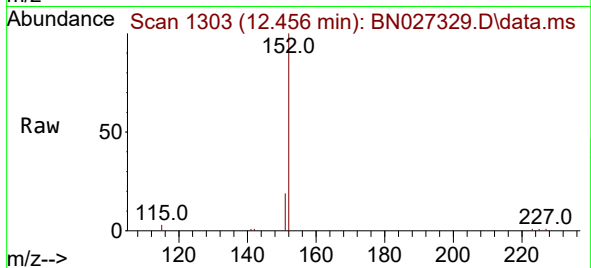
BR-03-127-082823-H

Tgt Ion:152 Resp: 11137

Ion Ratio Lower Upper

152 100

151 20.5 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: BN027329.D

Acq: 01 Sep 2023 03:24

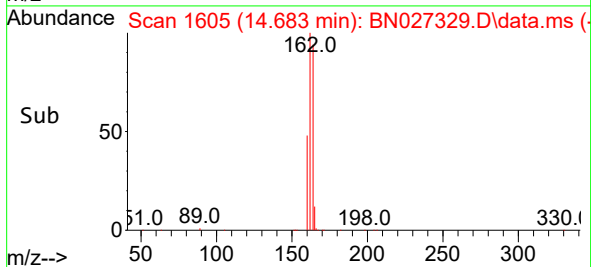
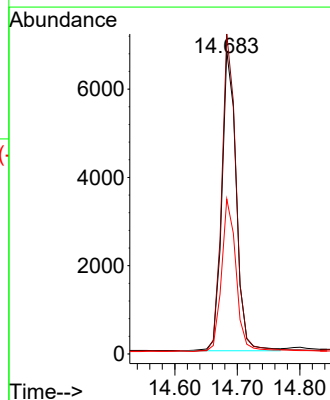
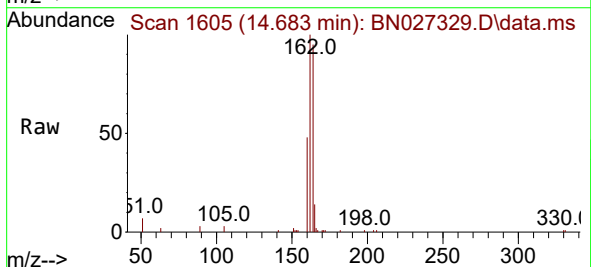
Tgt Ion:164 Resp: 10911

Ion Ratio Lower Upper

164 100

162 105.7 85.8 128.8

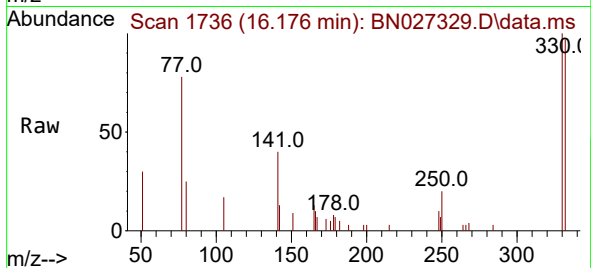
160 51.2 44.2 66.2



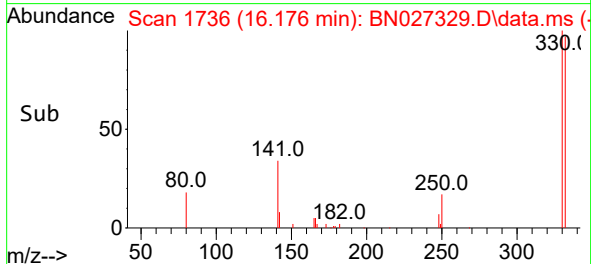
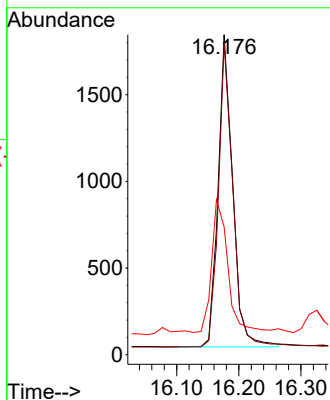


#14
2,4,6-Tribromophenol
Concen: 0.726 ng
RT: 16.176 min Scan# 1736
Delta R.T. -0.013 min
Lab File: BN027329.D
Acq: 01 Sep 2023 03:24

Instrument :
BNA_N
ClientSampleId :
BR-03-127-082823-H

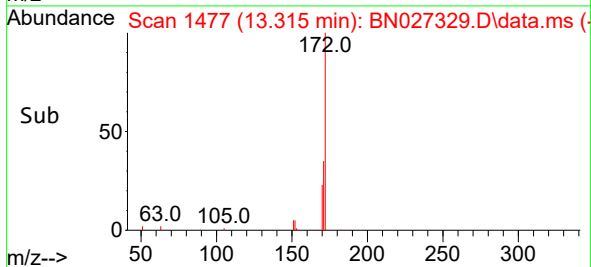
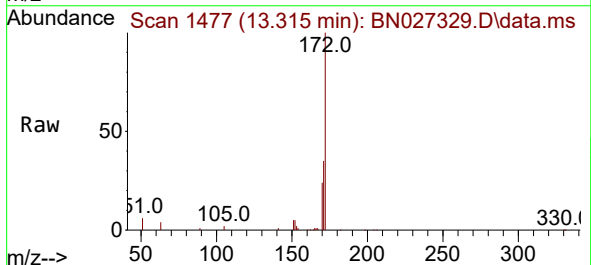
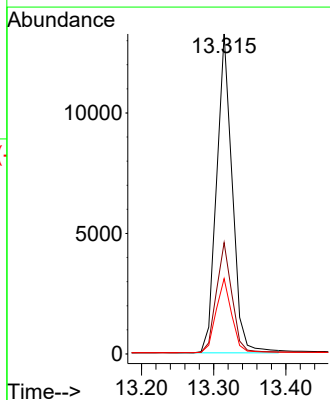


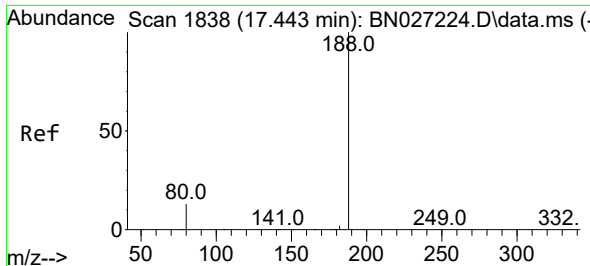
Tgt Ion:330 Resp: 2931
Ion Ratio Lower Upper
330 100
332 96.1 75.2 112.8
141 47.8 36.2 54.4



#15
2-Fluorobiphenyl
Concen: 0.479 ng
RT: 13.315 min Scan# 1477
Delta R.T. -0.011 min
Lab File: BN027329.D
Acq: 01 Sep 2023 03:24

Tgt Ion:172 Resp: 19867
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 23.5 19.3 28.9

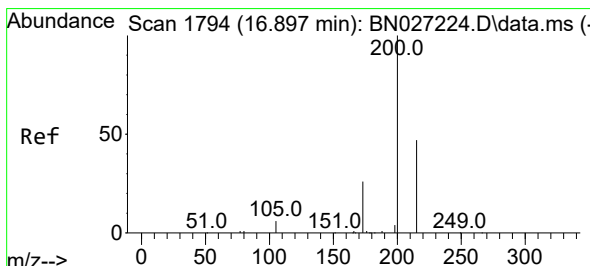
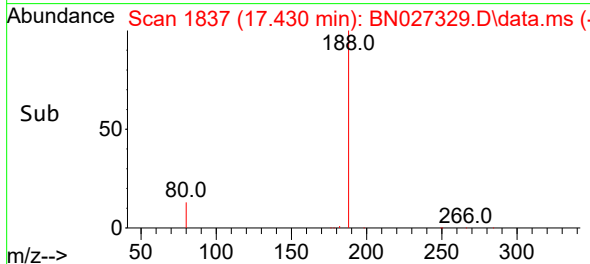
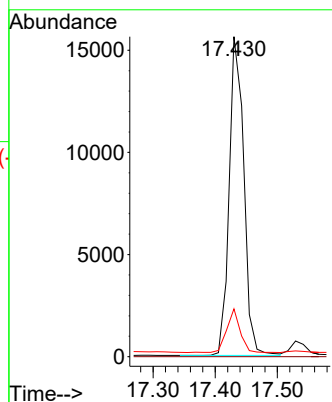
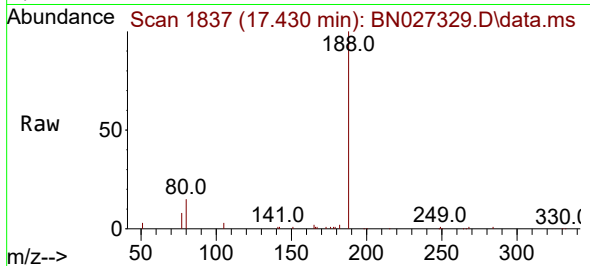




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.430 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN027329.D
Acq: 01 Sep 2023 03:24

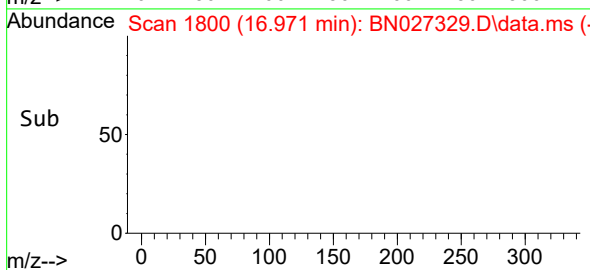
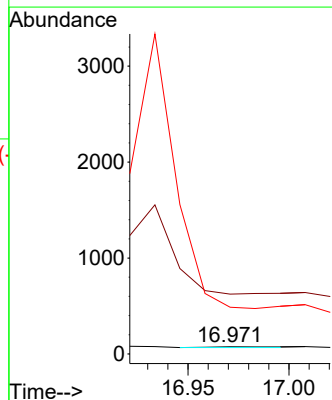
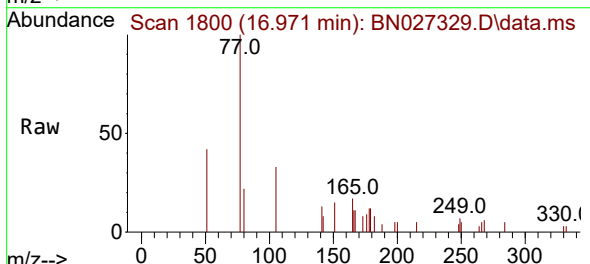
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ClientSampleId :
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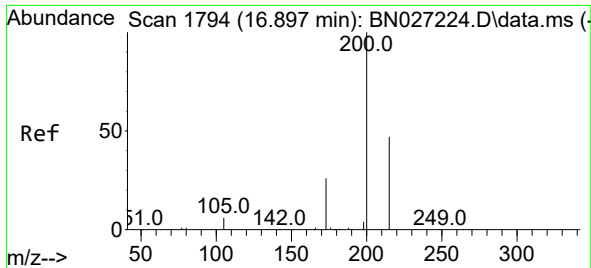
Tgt Ion:188 Resp: 25470
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.9 11.0 16.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.052 ng
RT: 16.971 min Scan# 1800
Delta R.T. 0.074 min
Lab File: BN027329.D
Acq: 01 Sep 2023 03:24

Tgt Ion:198 Resp: 19
Ion Ratio Lower Upper
198 100
51 832.0 282.2 423.2#
105 649.3 168.7 253.1#

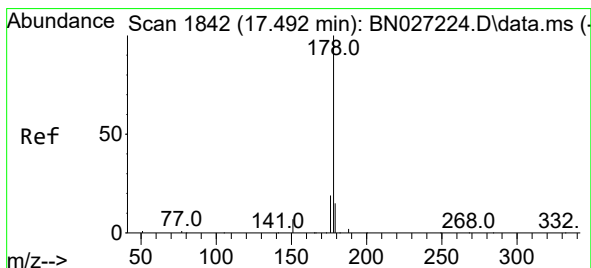
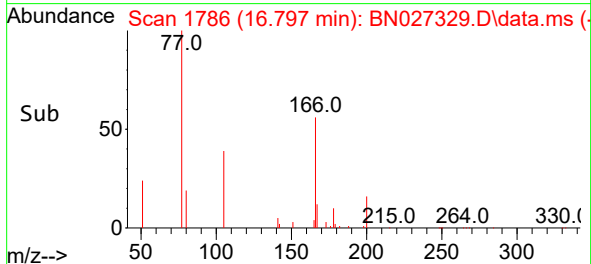
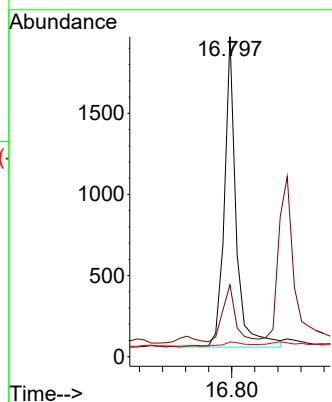
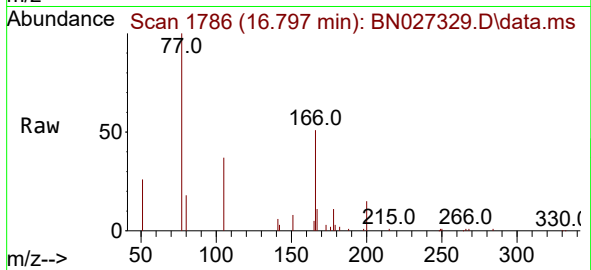




#23
Atrazine
Concen: 0.271 ng
RT: 16.797 min Scan# 1786
Delta R.T. -0.100 min
Lab File: BN027329.D
Acq: 01 Sep 2023 03:24

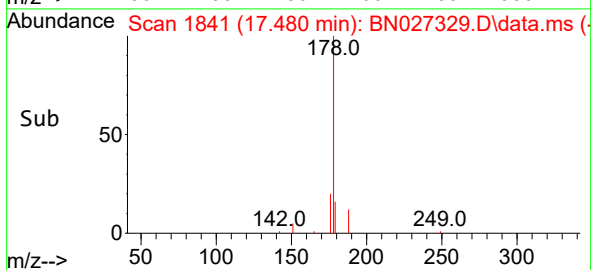
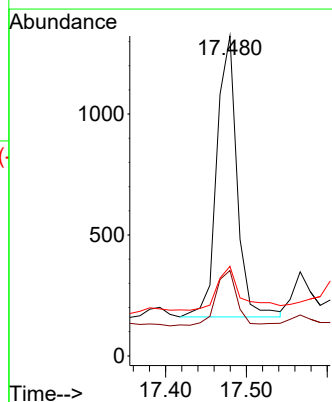
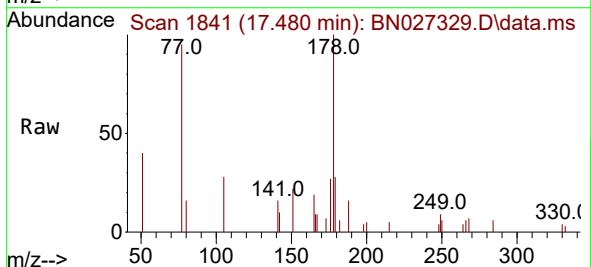
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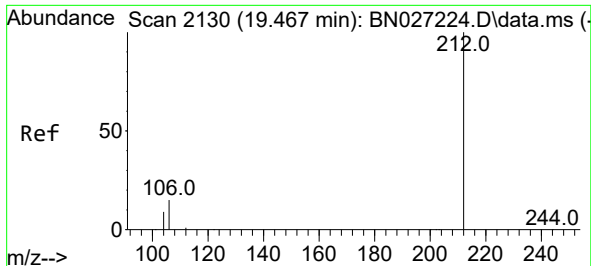
Tgt Ion:200 Resp: 2723
Ion Ratio Lower Upper
200 100
173 22.5 22.5 33.7#
215 4.6 39.0 58.6#



#25
Phenanthrene
Concen: 0.027 ng
RT: 17.480 min Scan# 1841
Delta R.T. -0.013 min
Lab File: BN027329.D
Acq: 01 Sep 2023 03:24

Tgt Ion:178 Resp: 2028
Ion Ratio Lower Upper
178 100
176 20.9 15.6 23.4
179 18.7 12.3 18.5#

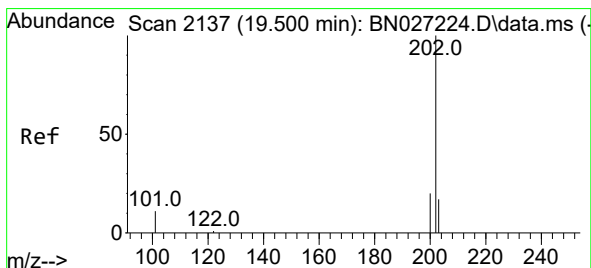
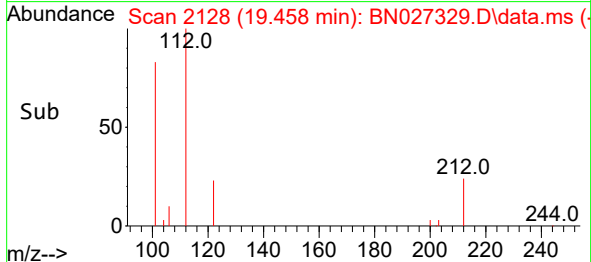
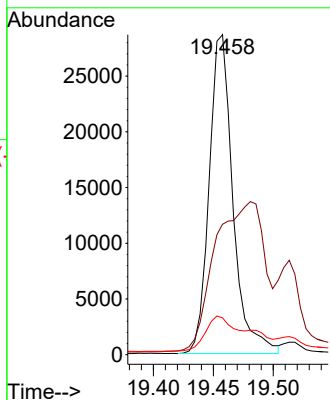
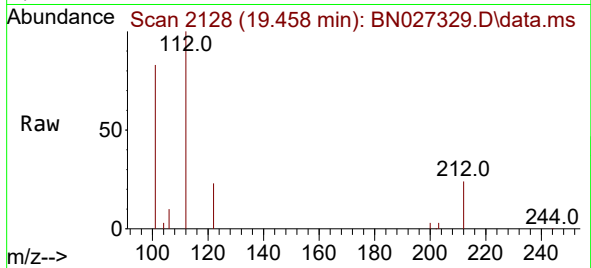




#27
Fluoranthene-d10
Concen: 0.624 ng
RT: 19.458 min Scan# 2130
Delta R.T. -0.010 min
Lab File: BN027329.D
Acq: 01 Sep 2023 03:24

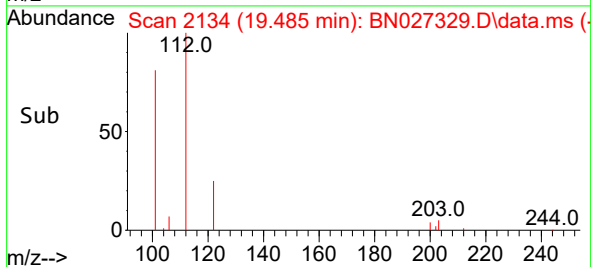
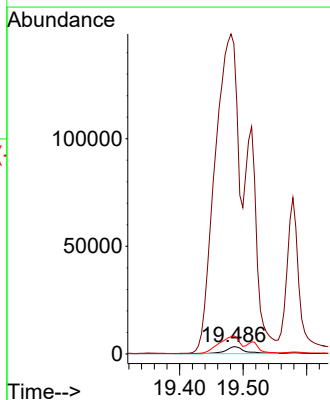
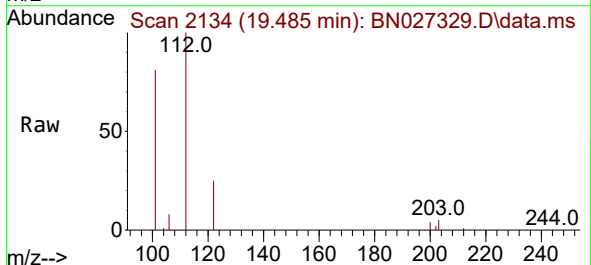
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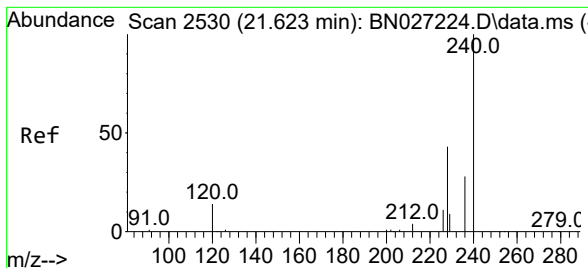
Tgt Ion:212 Resp: 39520
Ion Ratio Lower Upper
212 100
106 0.0 12.1 18.1#
104 20.1 6.9 10.3#



#28
Fluoranthene
Concen: 0.080 ng
RT: 19.485 min Scan# 2134
Delta R.T. -0.014 min
Lab File: BN027329.D
Acq: 01 Sep 2023 03:24

Tgt Ion:202 Resp: 7070
Ion Ratio Lower Upper
202 100
101 5461.5 9.6 14.4#
203 260.6 13.6 20.4#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.614 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN027329.D

Acq: 01 Sep 2023 03:24

Instrument :

BNA_N

ClientSampleId :

BR-03-127-082823-H

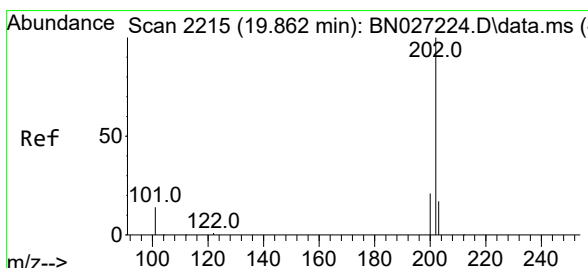
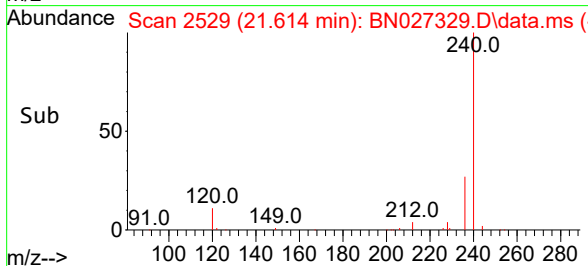
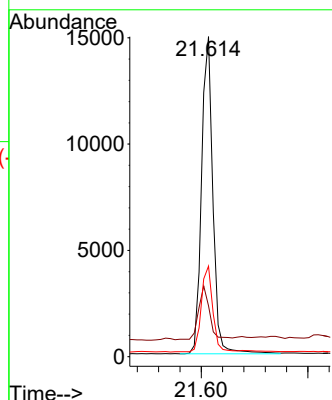
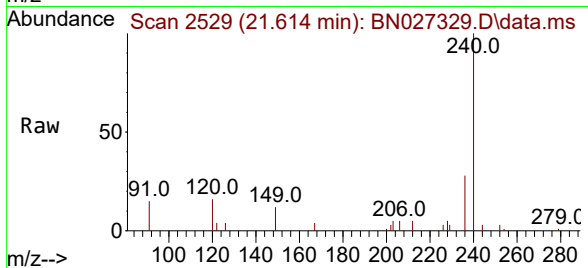
Tgt Ion:240 Resp: 22054

Ion Ratio Lower Upper

240 100

120 15.9 14.2 21.4

236 28.3 22.9 34.3



#30

Pyrene

Concen: 0.043 ng

RT: 19.852 min Scan# 2213

Delta R.T. -0.010 min

Lab File: BN027329.D

Acq: 01 Sep 2023 03:24

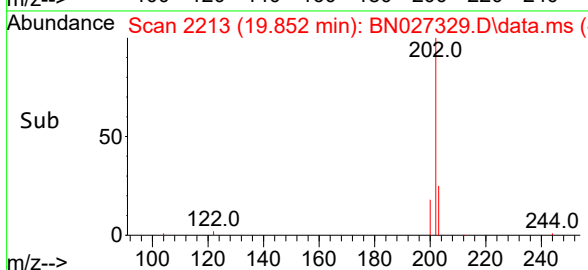
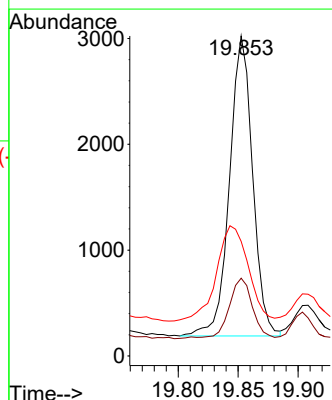
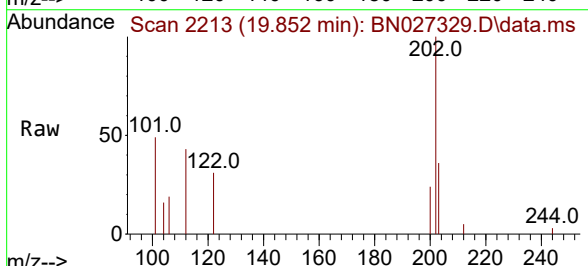
Tgt Ion:202 Resp: 3804

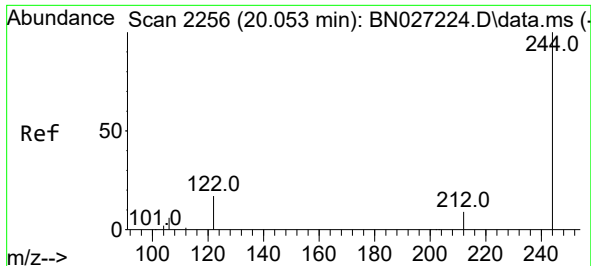
Ion Ratio Lower Upper

202 100

200 20.4 16.6 25.0

203 43.7 14.2 21.4#

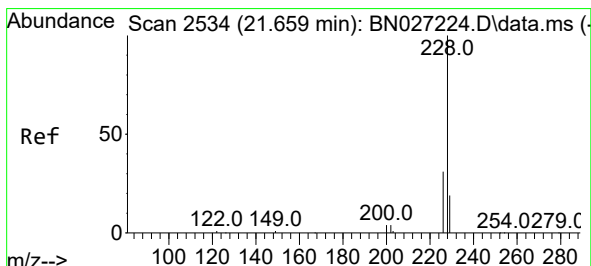
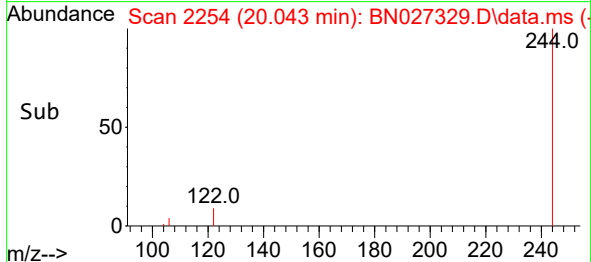
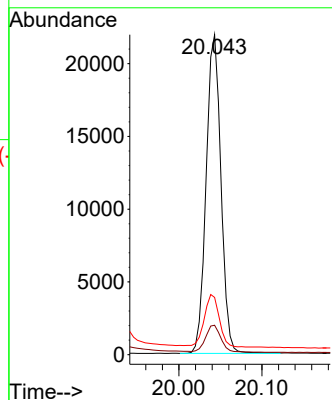
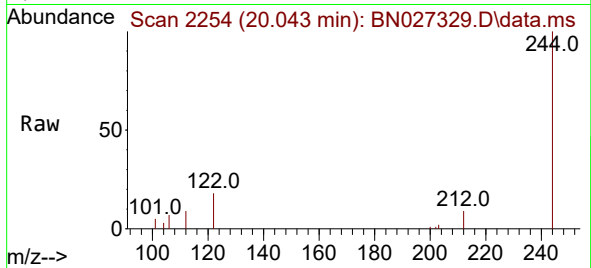




#31
 Terphenyl-d14
 Concen: 0.614 ng
 RT: 20.043 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BN027329.D
 Acq: 01 Sep 2023 03:24

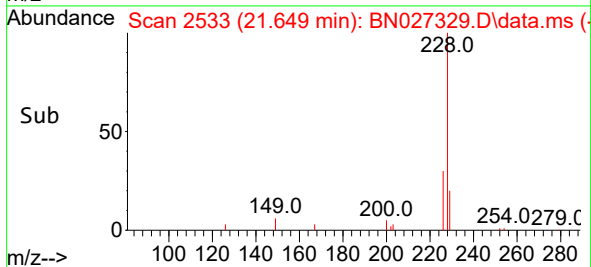
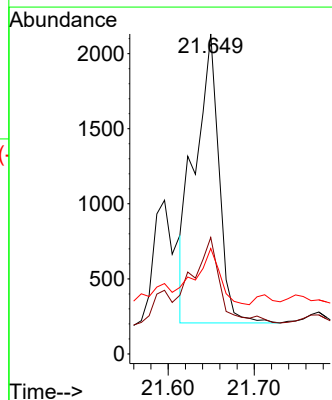
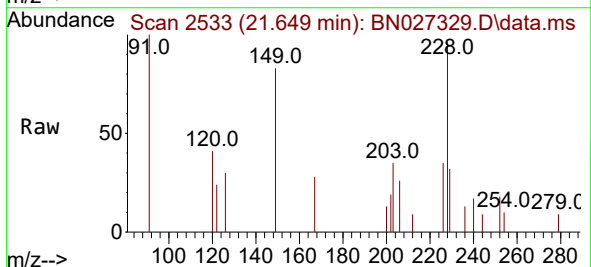
Instrument :
 BNA_N
 ClientSampleId :
 BR-03-127-082823-H

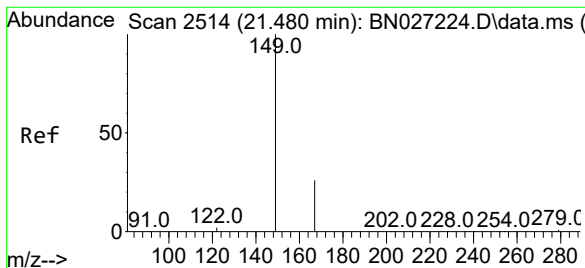
Tgt Ion:244 Resp: 27217
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.5 11.3
 122 17.9 14.0 21.0



#33
 Chrysene
 Concen: 0.045 ng
 RT: 21.649 min Scan# 2533
 Delta R.T. -0.009 min
 Lab File: BN027329.D
 Acq: 01 Sep 2023 03:24

Tgt Ion:228 Resp: 3762
 Ion Ratio Lower Upper
 228 100
 226 36.4 24.3 36.5
 229 32.9 15.4 23.2#

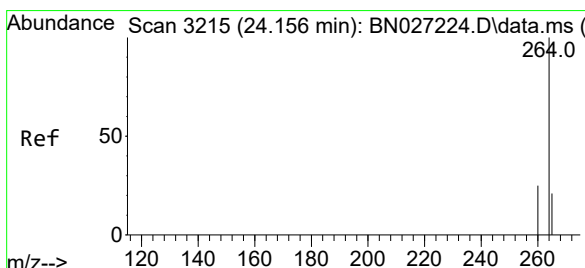
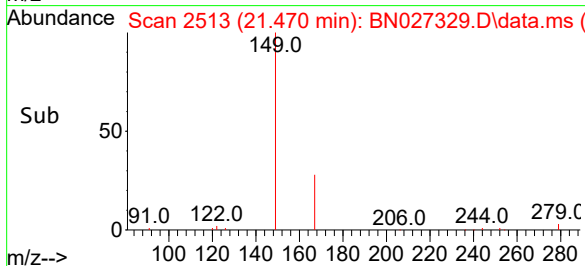
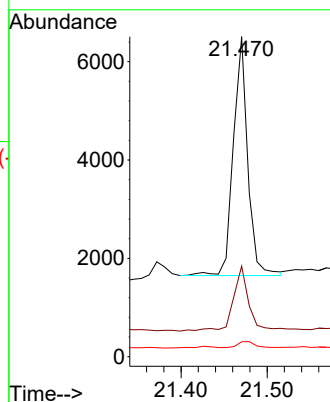
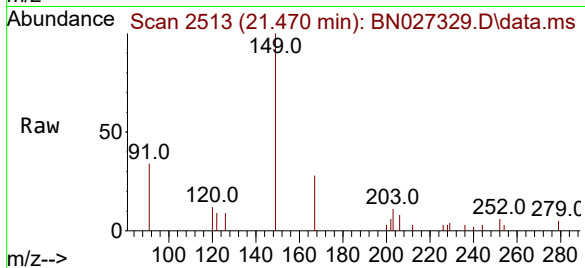




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.155 ng
 RT: 21.470 min Scan# 214
 Delta R.T. -0.009 min
 Lab File: BN027329.D
 Acq: 01 Sep 2023 03:24

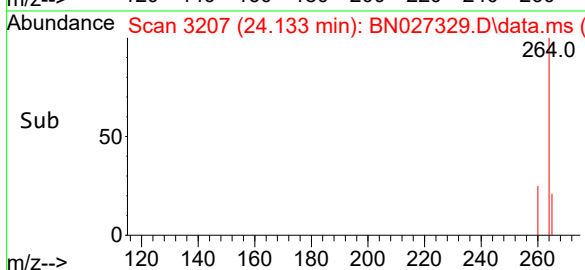
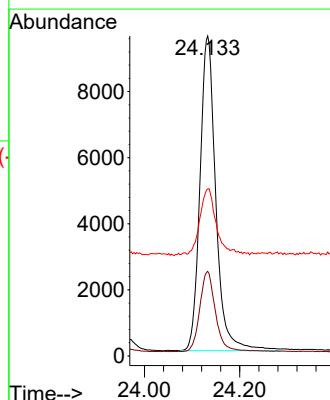
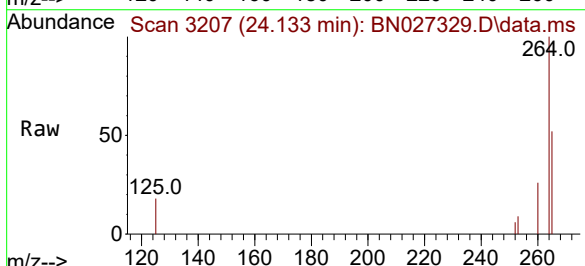
Instrument :
 BNA_N
 ClientSampleId :
 BR-03-127-082823-H

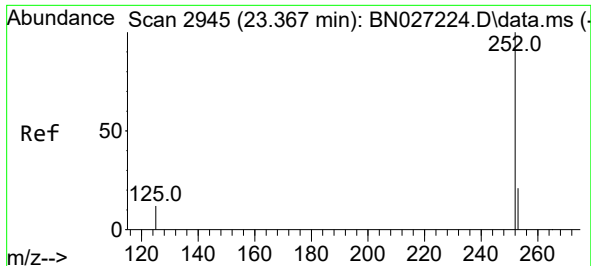
Tgt Ion:	149	Resp:	5660
Ion Ratio	Lower	Upper	
149	100		
167	30.0	22.1	33.1
279	3.0	2.7	4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.133 min Scan# 3207
 Delta R.T. -0.024 min
 Lab File: BN027329.D
 Acq: 01 Sep 2023 03:24

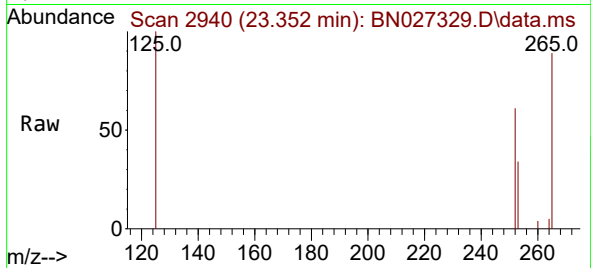
Tgt Ion:	264	Resp:	22053
Ion Ratio	Lower	Upper	
264	100		
260	26.4	20.7	31.1
265	52.2	53.3	79.9



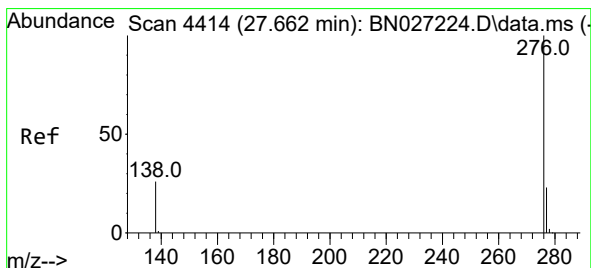
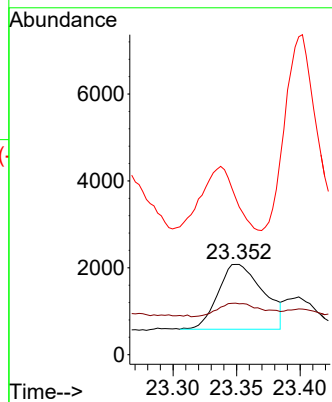
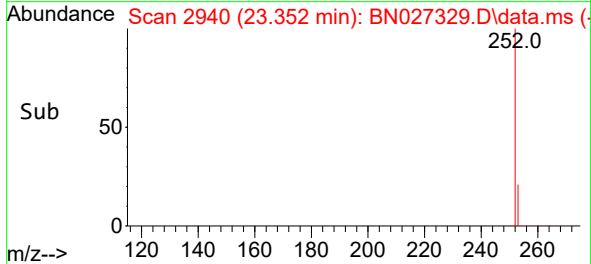


#37
Benzo(b)fluoranthene
Concen: 0.043 ng
RT: 23.352 min Scan# 2940
Delta R.T. -0.015 min
Lab File: BN027329.D
Acq: 01 Sep 2023 03:24

Instrument :
BNA_N
ClientSampleId :
BR-03-127-082823-H



Tgt Ion:252 Resp: 3686
Ion Ratio Lower Upper
252 100
253 56.4 19.9 29.9#
125 163.7 13.8 20.6#



#41
Benzo(g,h,i)perylene
Concen: 0.022 ng
RT: 27.618 min Scan# 4399
Delta R.T. -0.044 min
Lab File: BN027329.D
Acq: 01 Sep 2023 03:24

Tgt Ion:276 Resp: 1784
Ion Ratio Lower Upper
276 100
277 40.4 19.6 29.4#
138 66.9 22.1 33.1#

