

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027190.D
 Acq On : 27 Aug 2023 14:36
 Operator : MA/JU
 Sample : 04077-06
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE135D2-20230817

Quant Time: Aug 28 00:44:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 26 02:13:59 2023
 Response via : Initial Calibration

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

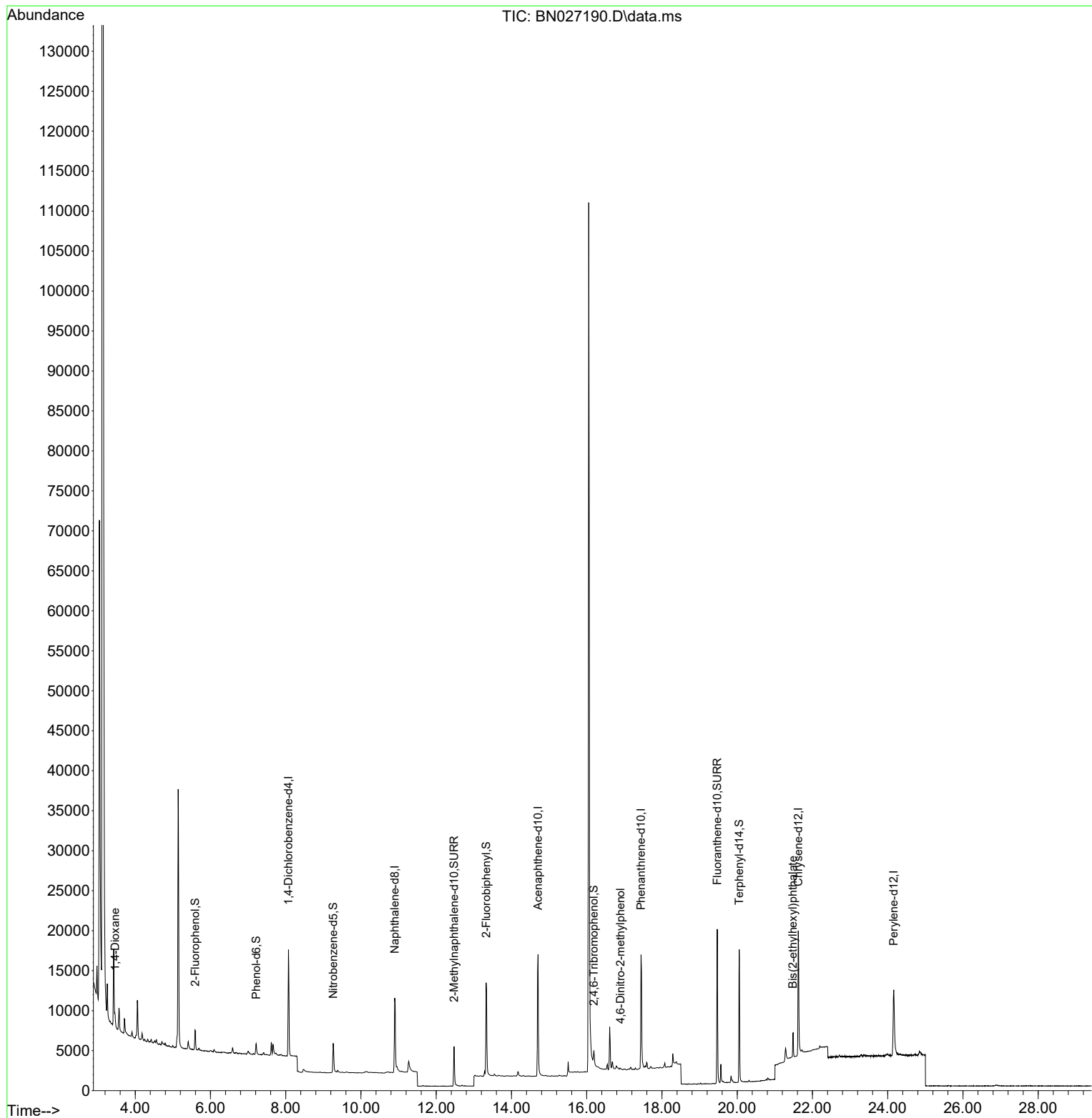
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	6512	0.400	ng	-0.01
7) Naphthalene-d8	10.895	136	15526	0.400	ng	#-0.01
13) Acenaphthene-d10	14.704	164	9874	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	22528	0.400	ng	#-0.01
29) Chrysene-d12	21.623	240	17347	0.400	ng	# 0.00
35) Perylene-d12	24.159	264	15166	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.596	112	2201	0.120	ng	0.00
5) Phenol-d6	7.214	99	1455	0.064	ng	0.00
8) Nitrobenzene-d5	9.262	82	3409	0.260	ng	-0.01
11) 2-Methylnaphthalene-d10	12.472	152	7469	0.303	ng	-0.01
14) 2,4,6-Tribromophenol	16.189	330	1030	0.196	ng	-0.01
15) 2-Fluorobiphenyl	13.325	172	11972	0.327	ng	-0.01
27) Fluoranthene-d10	19.467	212	21534	0.373	ng	0.00
31) Terphenyl-d14	20.052	244	16681	0.460	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.465	88	947	0.135	ng	# 66
20) 4,6-Dinitro-2-methylph...	16.896	198	10	0.028	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.479	149	3545	0.079	ng	# 96

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

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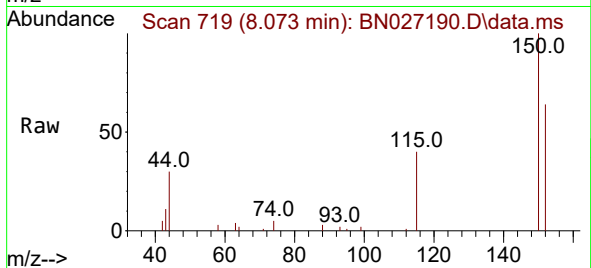
Quant Time: Aug 28 00:44:13 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration



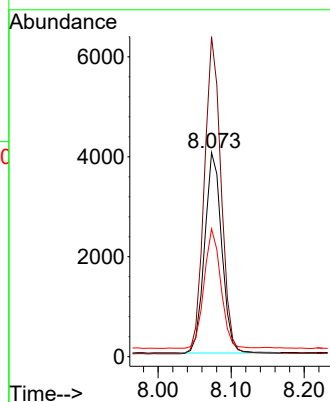
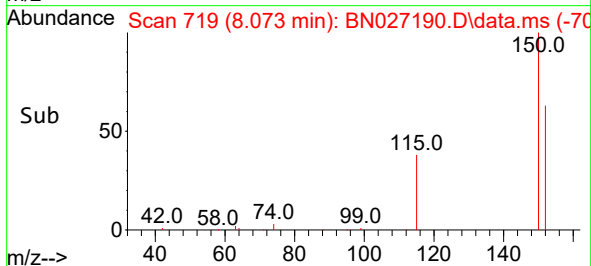


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.073 min Scan# 71
 Delta R.T. -0.015 min
 Lab File: BN027190.D
 Acq: 27 Aug 2023 14:36

Instrument :
 BNA_N
 ClientSampleId :
 RE135D2-20230817

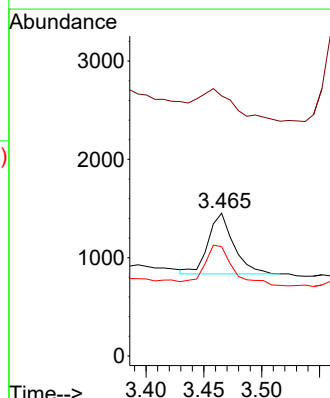
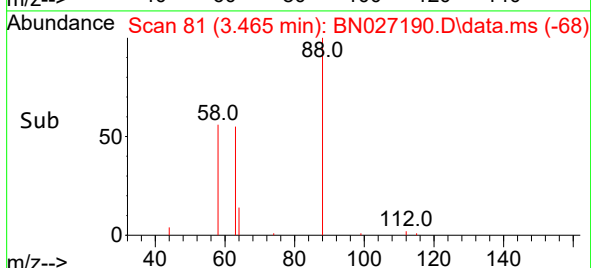
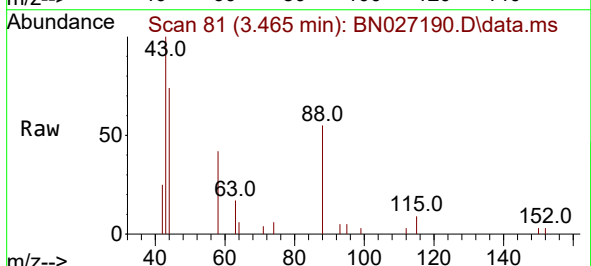


Tgt Ion:152 Resp: 6512
 Ion Ratio Lower Upper
 152 100
 150 156.7 123.8 185.6
 115 62.6 49.7 74.5



#2
 1,4-Dioxane
 Concen: 0.135 ng
 RT: 3.465 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BN027190.D
 Acq: 27 Aug 2023 14:36

Tgt Ion: 88 Resp: 947
 Ion Ratio Lower Upper
 88 100
 43 73.3 19.2 28.8#
 58 76.5 54.5 81.7

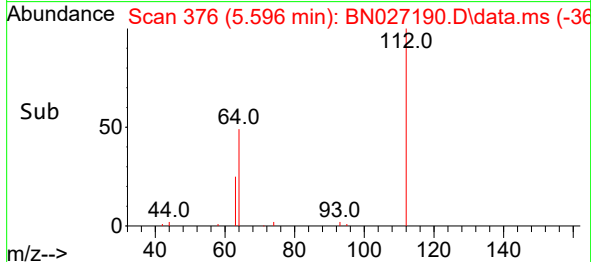
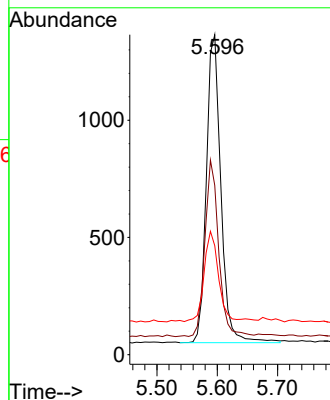
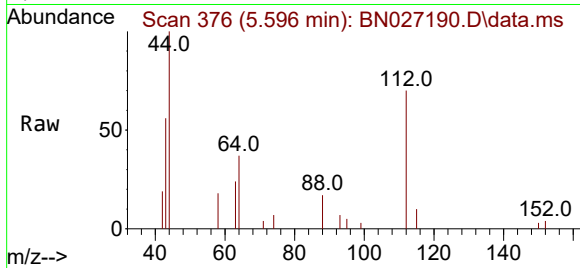




#4
2-Fluorophenol
Concen: 0.120 ng
RT: 5.596 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027190.D
Acq: 27 Aug 2023 14:36

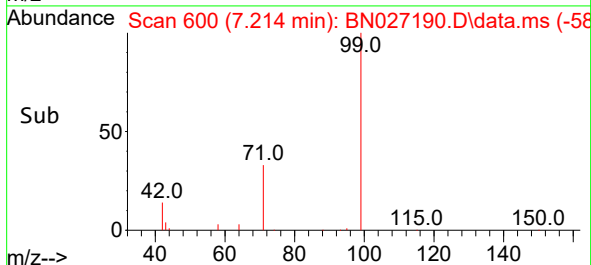
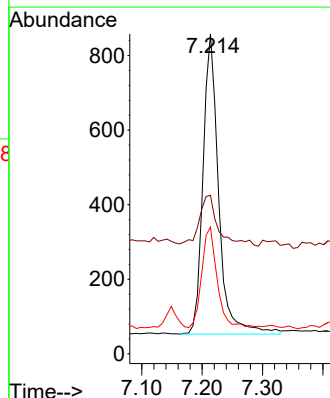
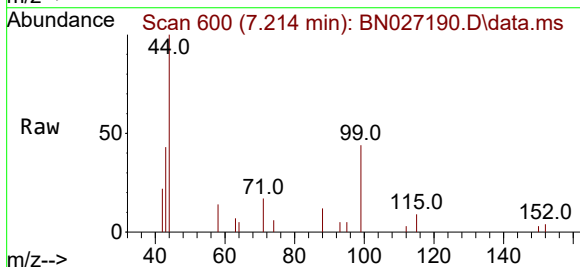
Instrument :
BNA_N
ClientSampleId :
RE135D2-20230817

Tgt Ion:112 Resp: 2201
Ion Ratio Lower Upper
112 100
64 54.6 41.5 62.3
63 28.6 21.7 32.5



#5
Phenol-d6
Concen: 0.064 ng
RT: 7.214 min Scan# 600
Delta R.T. -0.007 min
Lab File: BN027190.D
Acq: 27 Aug 2023 14:36

Tgt Ion: 99 Resp: 1455
Ion Ratio Lower Upper
99 100
42 17.0 13.6 20.4
71 33.1 26.0 39.0

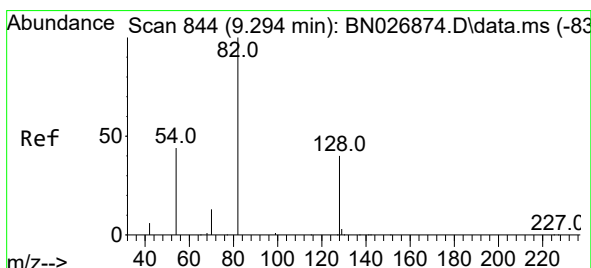
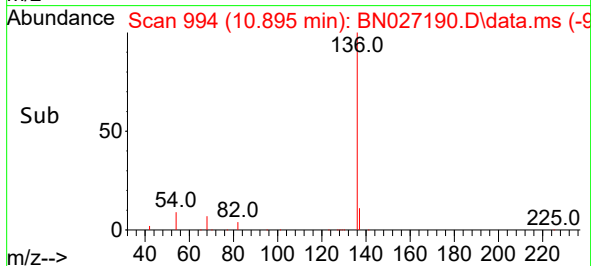
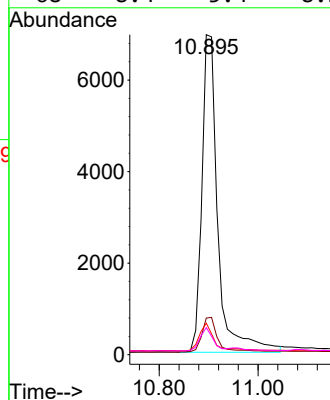
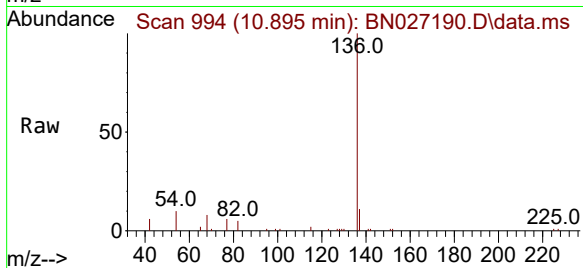




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.895 min Scan# 998
Delta R.T. -0.011 min
Lab File: BN027190.D
Acq: 27 Aug 2023 14:36

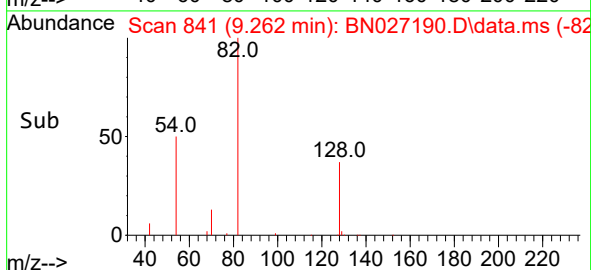
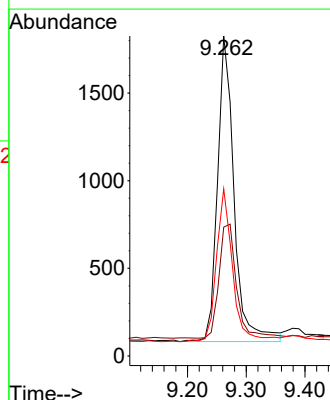
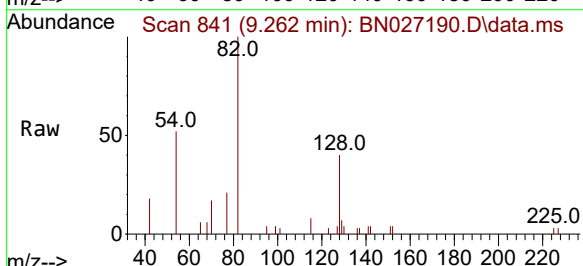
Instrument :
BNA_N
ClientSampleId :
RE135D2-20230817

Tgt Ion:	136	Resp:	15526
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.0	13.6
54	9.8	5.5	8.3#
68	8.4	5.4	8.2#



#8
Nitrobenzene-d5
Concen: 0.260 ng
RT: 9.262 min Scan# 841
Delta R.T. -0.011 min
Lab File: BN027190.D
Acq: 27 Aug 2023 14:36

Tgt Ion:	82	Resp:	3409
Ion Ratio	Lower	Upper	
82	100		
128	40.3	34.1	51.1
54	52.2	37.0	55.4

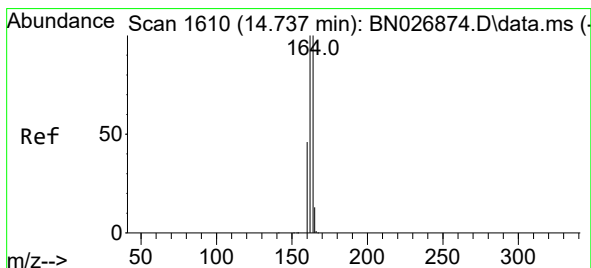
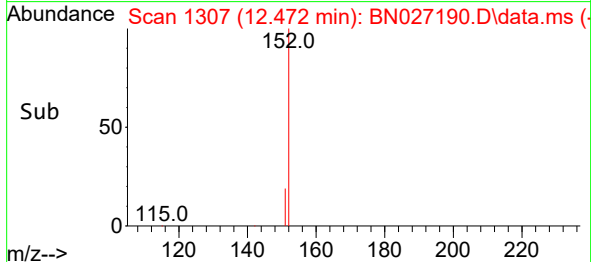
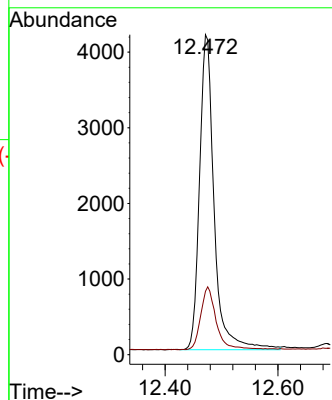
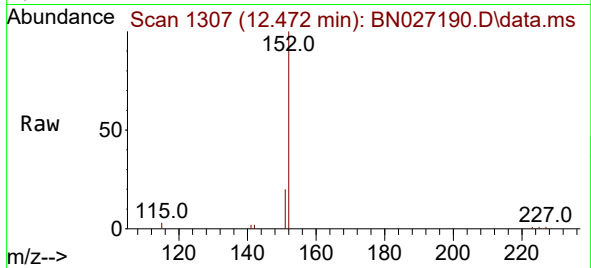




#11
2-Methylnaphthalene-d10
Concen: 0.303 ng
RT: 12.472 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN027190.D
Acq: 27 Aug 2023 14:36

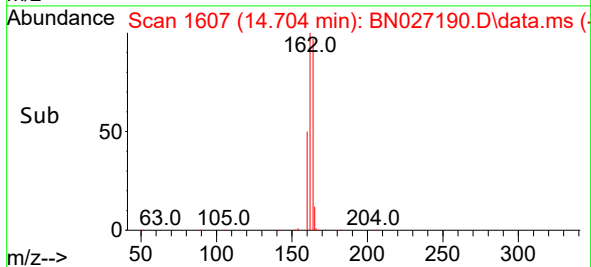
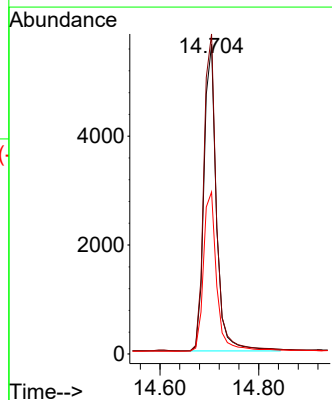
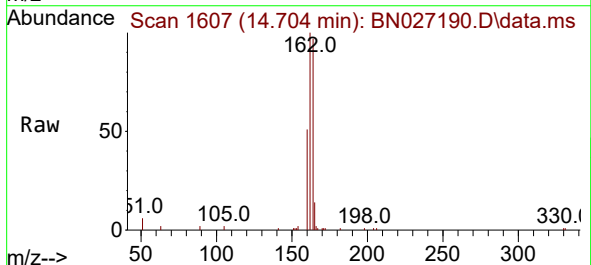
Instrument :
BNA_N
ClientSampleId :
RE135D2-20230817

Tgt Ion:152 Resp: 7469
Ion Ratio Lower Upper
152 100
151 21.1 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.704 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BN027190.D
Acq: 27 Aug 2023 14:36

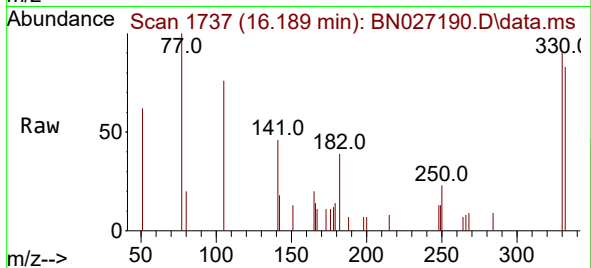
Tgt Ion:164 Resp: 9874
Ion Ratio Lower Upper
164 100
162 103.4 79.7 119.5
160 52.3 37.4 56.0



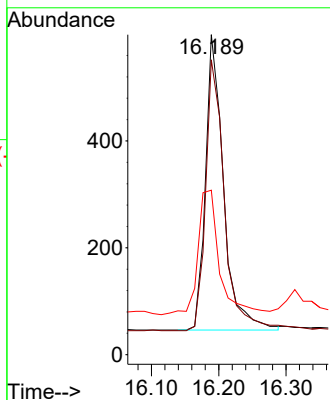
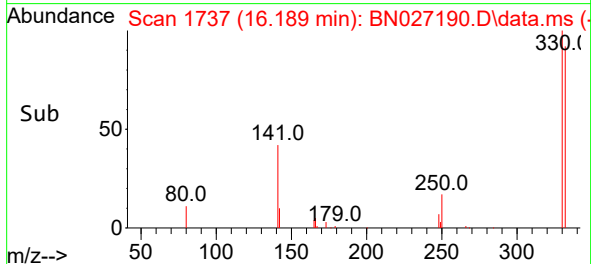


#14
2,4,6-Tribromophenol
Concen: 0.196 ng
RT: 16.189 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN027190.D
Acq: 27 Aug 2023 14:36

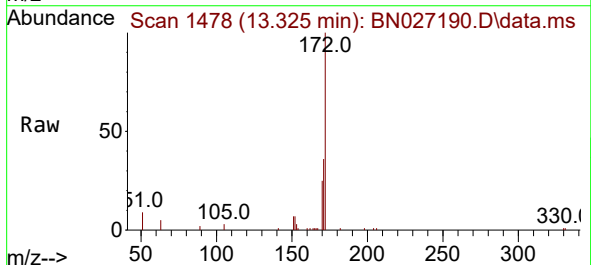
Instrument :
BNA_N
ClientSampleId :
RE135D2-20230817



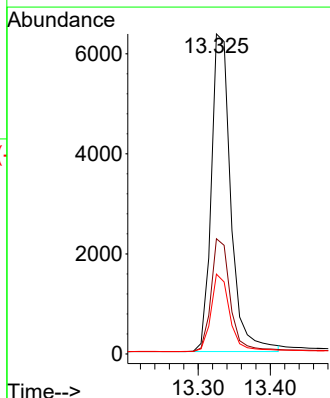
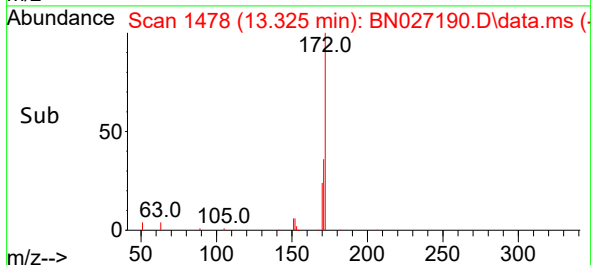
Tgt Ion:330 Resp: 1030
Ion Ratio Lower Upper
330 100
332 95.7 76.6 114.8
141 47.5 32.3 48.5

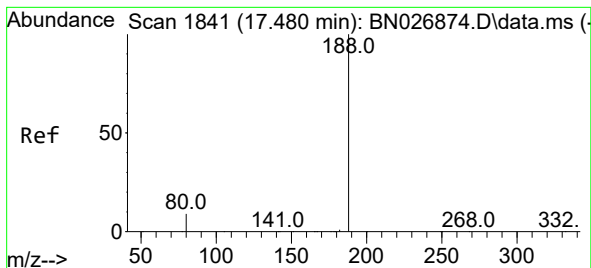


#15
2-Fluorobiphenyl
Concen: 0.327 ng
RT: 13.325 min Scan# 1478
Delta R.T. -0.011 min
Lab File: BN027190.D
Acq: 27 Aug 2023 14:36



Tgt Ion:172 Resp: 11972
Ion Ratio Lower Upper
172 100
171 36.0 27.4 41.0
170 24.9 18.0 27.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.443 min Scan# 1838

Delta R.T. -0.013 min

Lab File: BN027190.D

Acq: 27 Aug 2023 14:36

Instrument :

BNA_N

ClientSampleId :

RE135D2-20230817

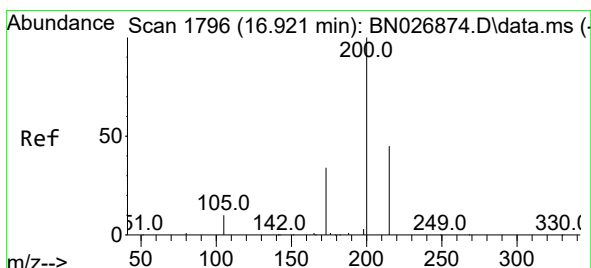
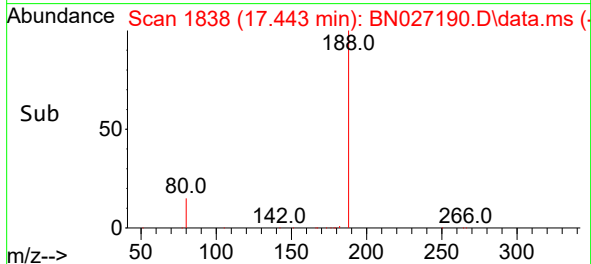
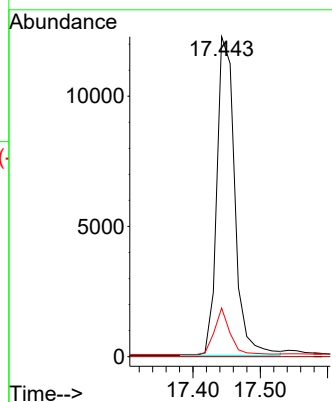
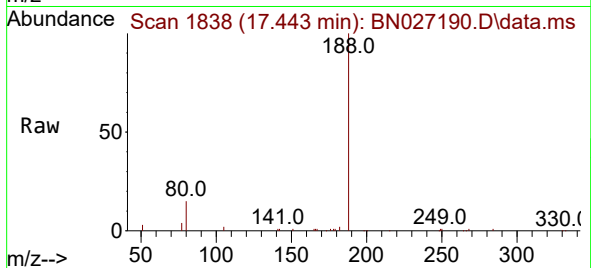
Tgt Ion:188 Resp: 22528

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.2 7.4 11.2#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.028 ng

RT: 16.896 min Scan# 1794

Delta R.T. -0.013 min

Lab File: BN027190.D

Acq: 27 Aug 2023 14:36

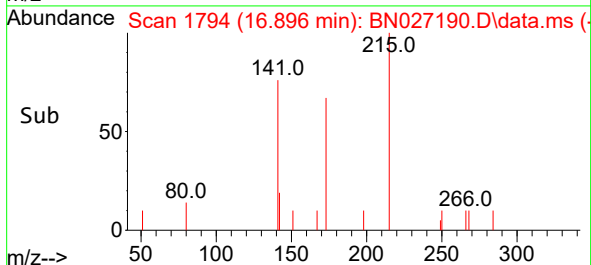
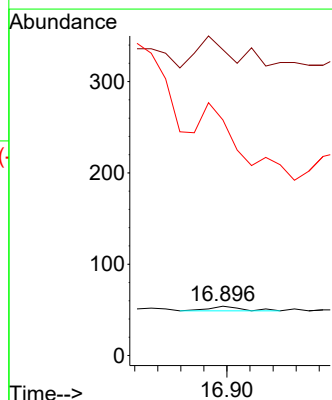
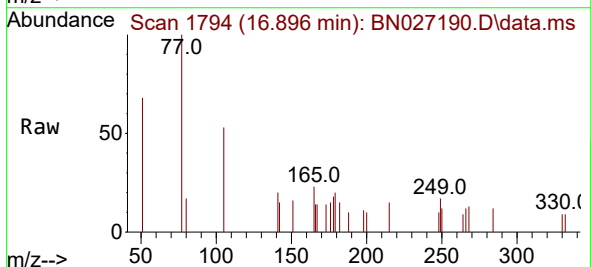
Tgt Ion:198 Resp: 10

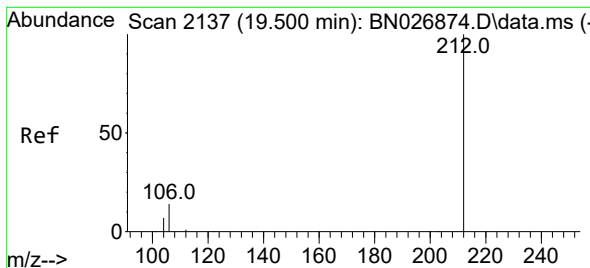
Ion Ratio Lower Upper

198 100

51 620.4 143.8 215.8#

105 477.8 273.5 410.3#





#27

Fluoranthene-d10

Concen: 0.373 ng

RT: 19.467 min Scan# 2130

Delta R.T. -0.009 min

Lab File: BN027190.D

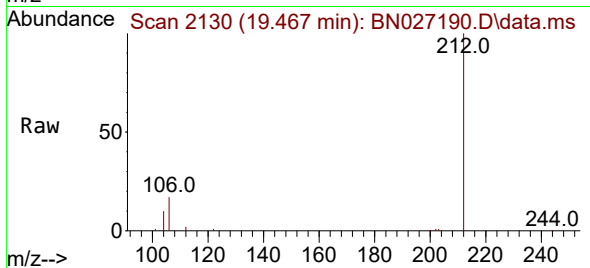
Acq: 27 Aug 2023 14:36

Instrument :

BNA_N

ClientSampleId :

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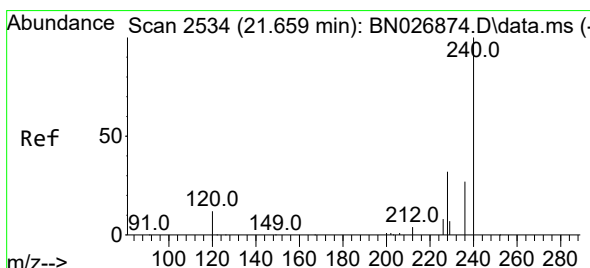
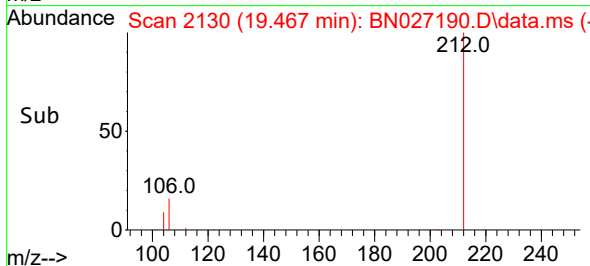
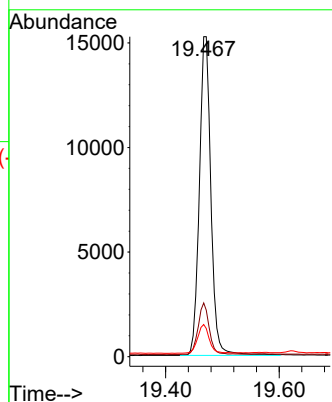
Tgt Ion:212 Resp: 21534

Ion Ratio Lower Upper

212 100

106 15.5 10.9 16.3

104 9.0 5.9 8.9#



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.623 min Scan# 2530

Delta R.T. -0.009 min

Lab File: BN027190.D

Acq: 27 Aug 2023 14:36

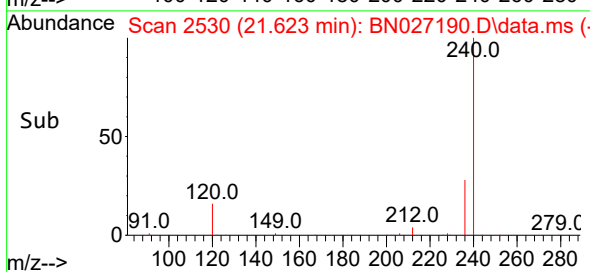
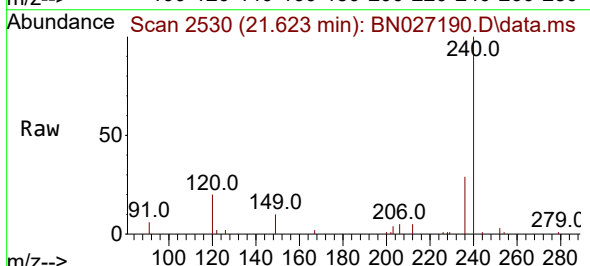
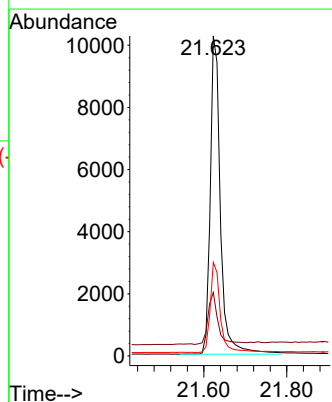
Tgt Ion:240 Resp: 17347

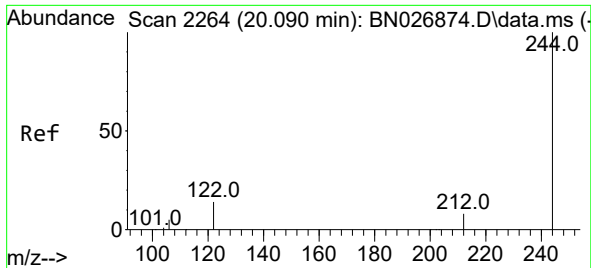
Ion Ratio Lower Upper

240 100

120 19.9 11.1 16.7#

236 29.2 22.2 33.2

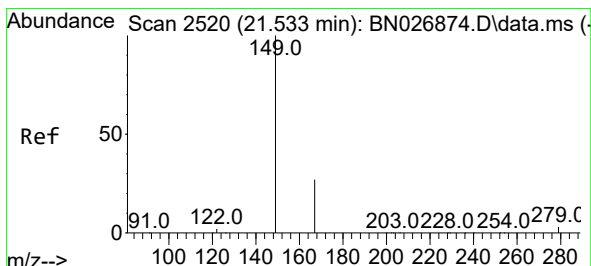
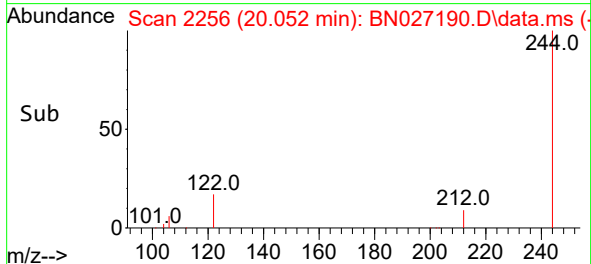
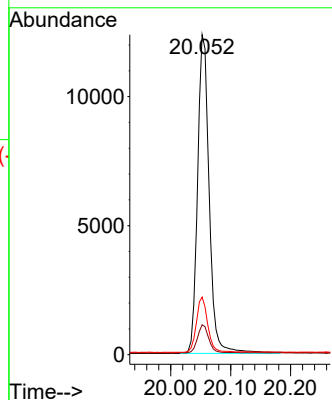
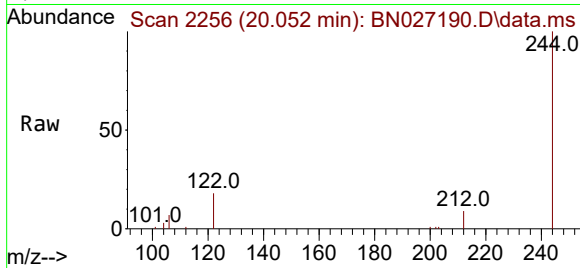




#31
 Terphenyl-d14
 Concen: 0.460 ng
 RT: 20.052 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN027190.D
 Acq: 27 Aug 2023 14:36

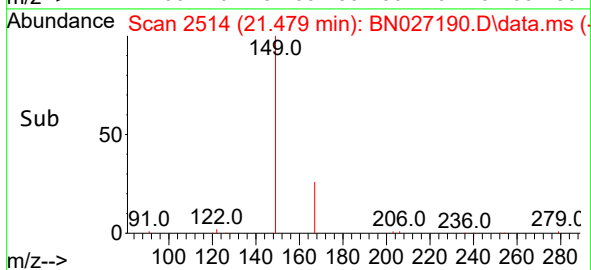
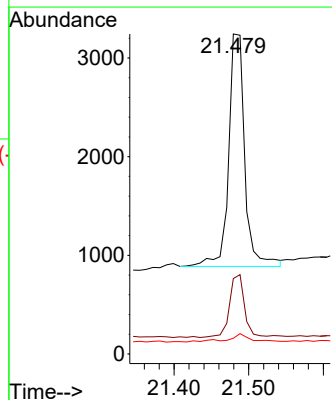
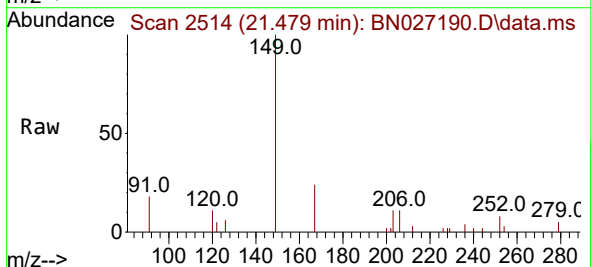
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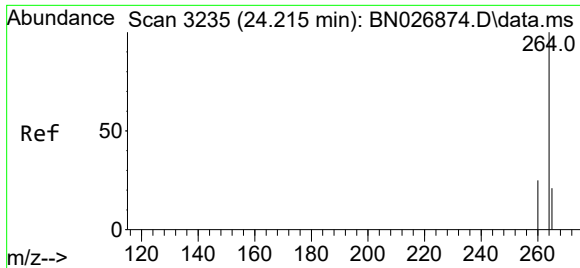
Tgt Ion:244 Resp: 16681
 Ion Ratio Lower Upper
 244 100
 212 9.4 6.9 10.3
 122 18.0 11.9 17.9#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.079 ng
 RT: 21.479 min Scan# 2514
 Delta R.T. -0.018 min
 Lab File: BN027190.D
 Acq: 27 Aug 2023 14:36

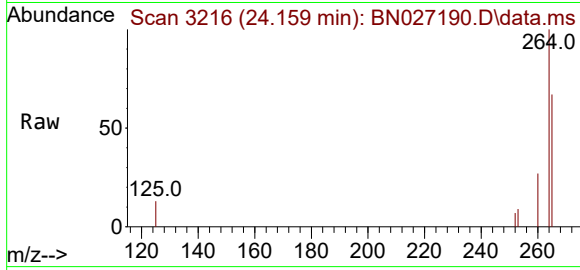
Tgt Ion:149 Resp: 3545
 Ion Ratio Lower Upper
 149 100
 167 24.9 21.4 32.0
 279 3.2 3.6 5.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.159 min Scan# 31
Delta R.T. -0.012 min
Lab File: BN027190.D
Acq: 27 Aug 2023 14:36

Instrument :
BNA_N
ClientSampleId :
RE135D2-20230817



Tgt Ion:264 Resp: 15166
Ion Ratio Lower Upper
264 100
260 26.9 20.4 30.6
265 67.4 27.0 40.6#

