

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082823\
 Data File : BN027217.D
 Acq On : 28 Aug 2023 14:57
 Operator : MA/JU
 Sample : 04024-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT14911-20230815

Quant Time: Aug 29 03:24:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 29 03:21:06 2023
 Response via : Initial Calibration

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

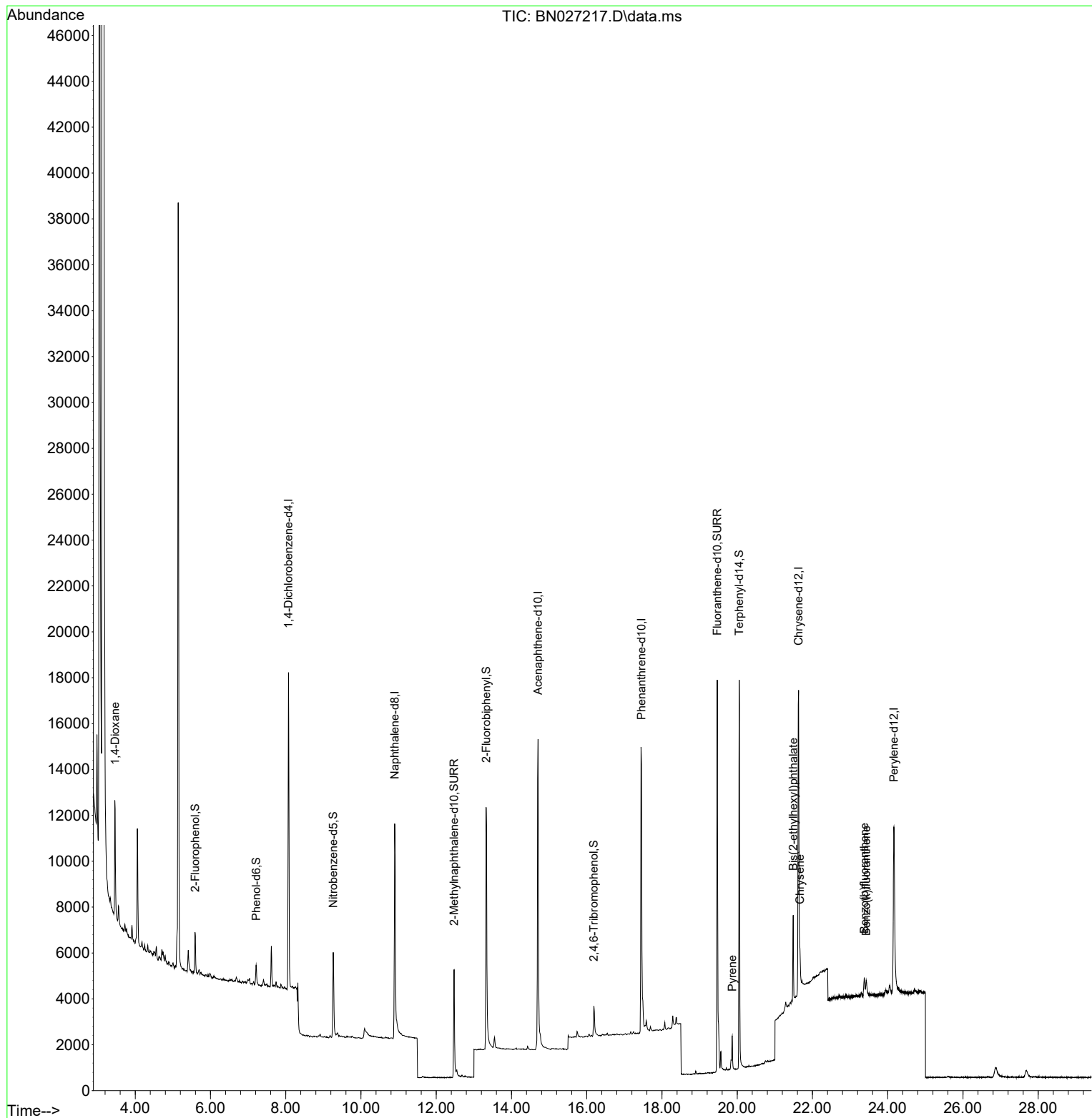
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	6797	0.400	ng	0.00
7) Naphthalene-d8	10.895	136	15551	0.400	ng	# 0.00
13) Acenaphthene-d10	14.705	164	9766	0.400	ng	0.01
19) Phenanthrene-d10	17.455	188	22156	0.400	ng	0.00
29) Chrysene-d12	21.632	240	16034	0.400	ng	0.00
35) Perylene-d12	24.165	264	13928	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.596	112	1521	0.079	ng	0.00
5) Phenol-d6	7.214	99	949	0.040	ng	0.00
8) Nitrobenzene-d5	9.262	82	3549	0.270	ng	0.00
11) 2-Methylnaphthalene-d10	12.472	152	7627	0.309	ng	0.00
14) 2,4,6-Tribromophenol	16.189	330	947	0.182	ng	0.00
15) 2-Fluorobiphenyl	13.326	172	11704	0.323	ng	0.00
27) Fluoranthene-d10	19.467	212	19888	0.350	ng	0.00
31) Terphenyl-d14	20.053	244	17251	0.515	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.466	88	3600	0.493	ng	# 89
30) Pyrene	19.867	202	1342	0.022	ng	100
33) Chrysene	21.668	228	1256	0.021	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.489	149	3691	0.089	ng	# 97
37) Benzo(b)fluoranthene	23.376	252	1226	0.026	ng	# 1
38) Benzo(k)fluoranthene	23.428	252	975	0.020	ng	# 1

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

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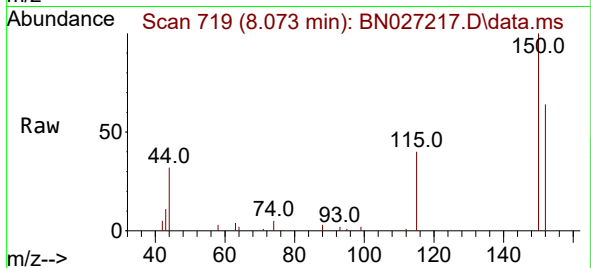
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 03:21:06 2023
Response via : Initial Calibration



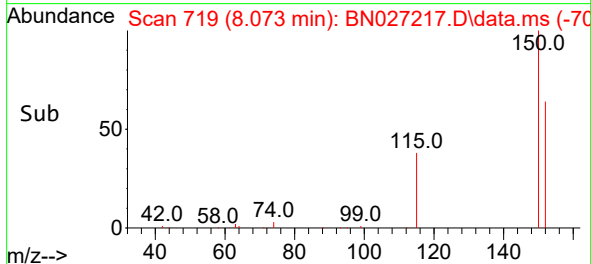
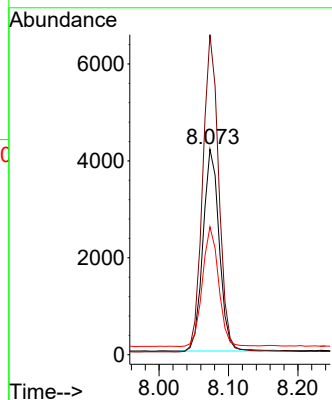


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.073 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN027217.D
Acq: 28 Aug 2023 14:57

Instrument :
BNA_N
ClientSampleId :
TT14911-20230815

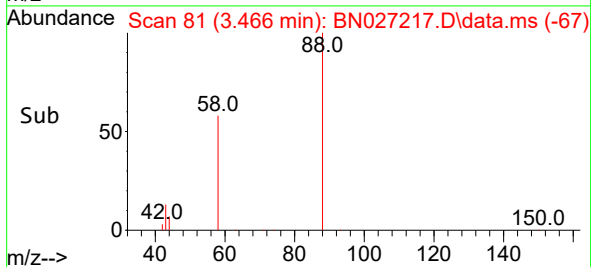
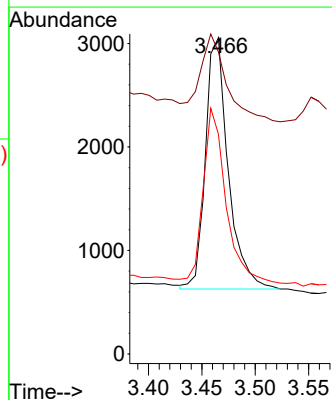
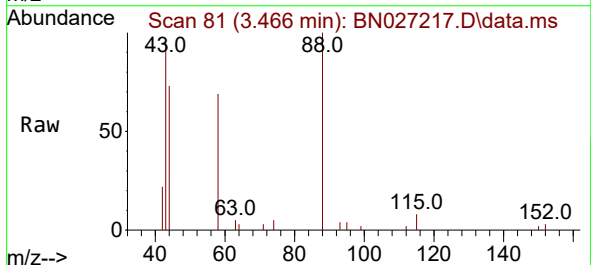


Tgt Ion:152 Resp: 6797
Ion Ratio Lower Upper
152 100
150 155.8 123.8 185.6
115 62.3 49.7 74.5



#2
1,4-Dioxane
Concen: 0.493 ng
RT: 3.466 min Scan# 81
Delta R.T. -0.000 min
Lab File: BN027217.D
Acq: 28 Aug 2023 14:57

Tgt Ion: 88 Resp: 3600
Ion Ratio Lower Upper
88 100
43 42.1 19.2 28.8#
58 69.2 54.5 81.7

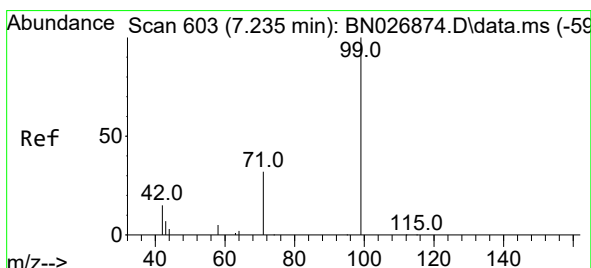
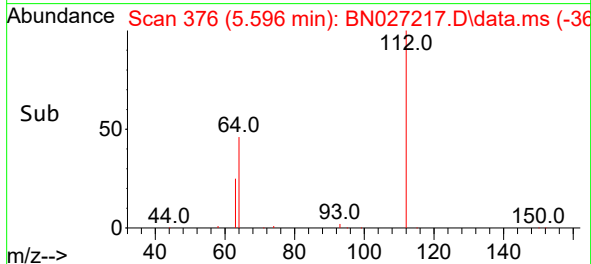
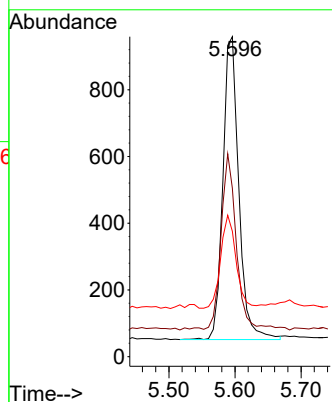
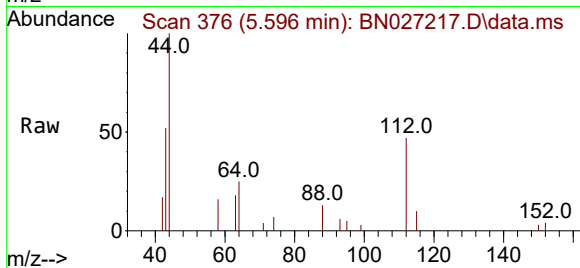




#4
2-Fluorophenol
Concen: 0.079 ng
RT: 5.596 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN027217.D
Acq: 28 Aug 2023 14:57

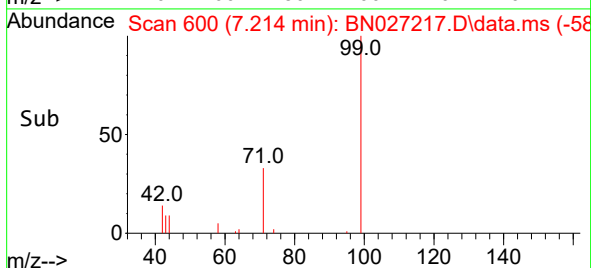
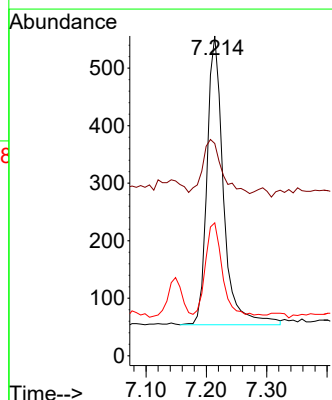
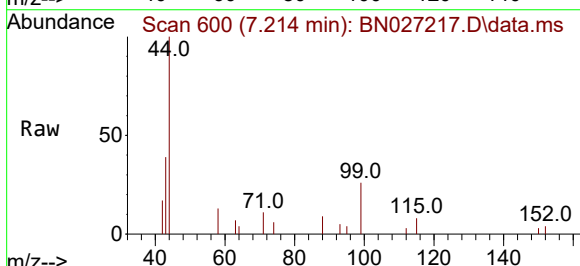
Instrument :
BNA_N
ClientSampleId :
TT14911-20230815

Tgt Ion:112 Resp: 1521
Ion Ratio Lower Upper
112 100
64 56.7 41.5 62.3
63 29.6 21.7 32.5



#5
Phenol-d6
Concen: 0.040 ng
RT: 7.214 min Scan# 600
Delta R.T. 0.007 min
Lab File: BN027217.D
Acq: 28 Aug 2023 14:57

Tgt Ion: 99 Resp: 949
Ion Ratio Lower Upper
99 100
42 21.5 13.6 20.4#
71 31.7 26.0 39.0

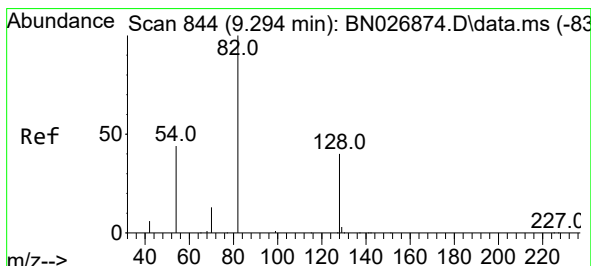
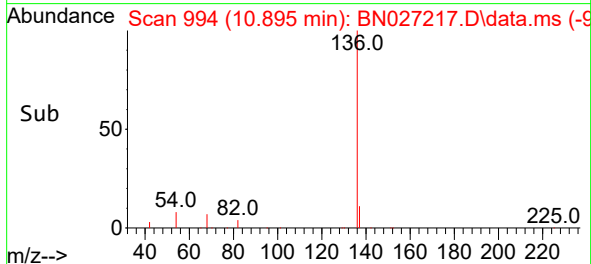
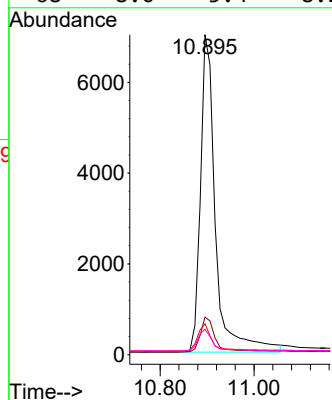
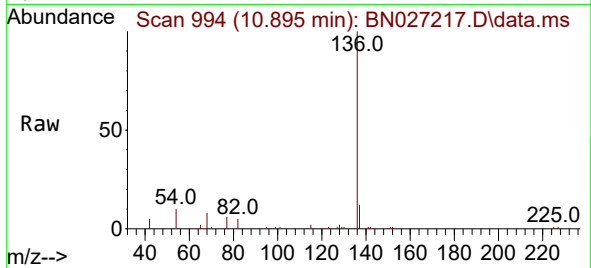




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.895 min Scan# 998
Delta R.T. -0.000 min
Lab File: BN027217.D
Acq: 28 Aug 2023 14:57

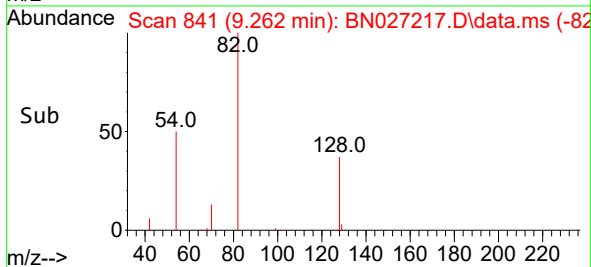
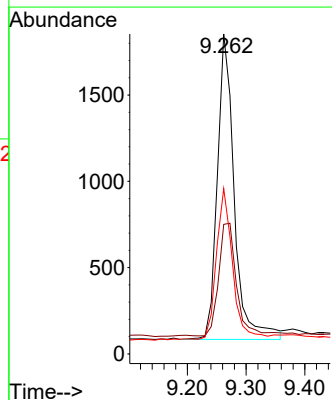
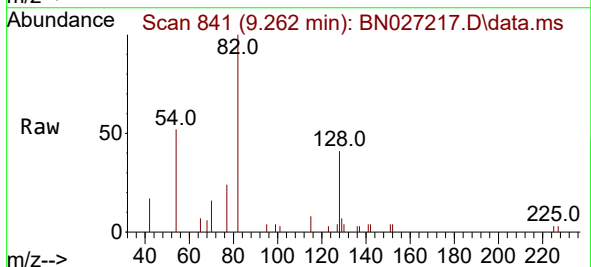
Instrument :
BNA_N
ClientSampleId :
TT14911-20230815

Tgt Ion:	136	Resp:	15551
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.0	13.6
54	9.7	5.5	8.3
68	8.0	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.270 ng
RT: 9.262 min Scan# 841
Delta R.T. -0.000 min
Lab File: BN027217.D
Acq: 28 Aug 2023 14:57

Tgt Ion:	82	Resp:	3549
Ion Ratio	Lower	Upper	
82	100		
128	40.5	34.1	51.1
54	51.7	37.0	55.4

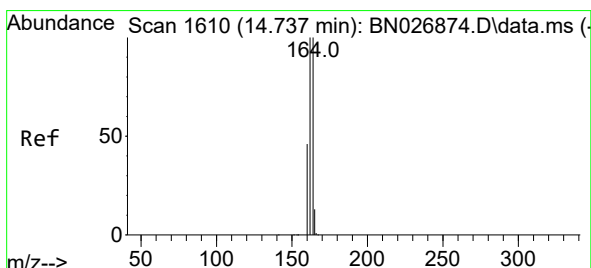
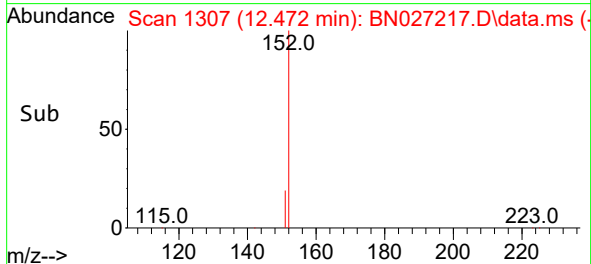
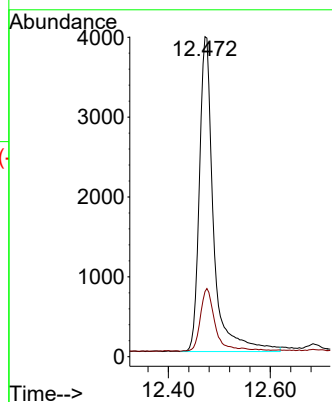
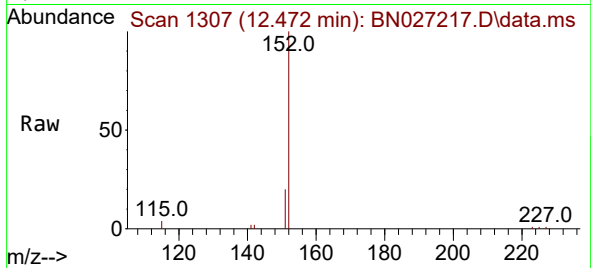




#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 12.472 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027217.D
Acq: 28 Aug 2023 14:57

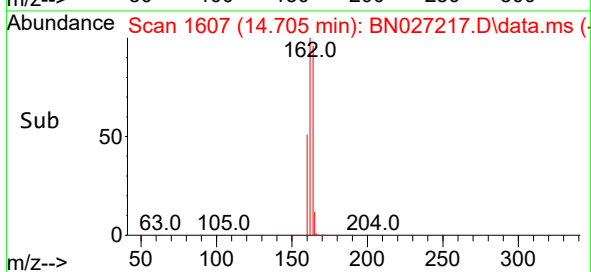
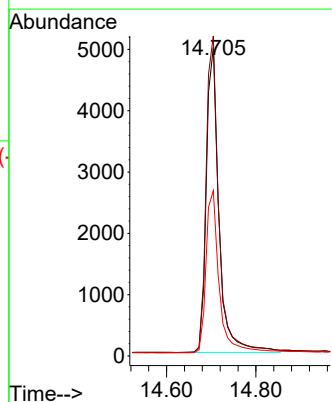
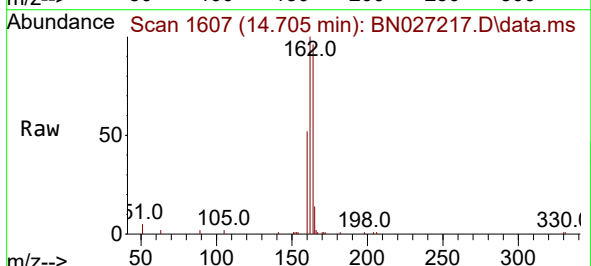
Instrument :
BNA_N
ClientSampleId :
TT14911-20230815

Tgt Ion:152 Resp: 7627
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.705 min Scan# 1607
Delta R.T. 0.011 min
Lab File: BN027217.D
Acq: 28 Aug 2023 14:57

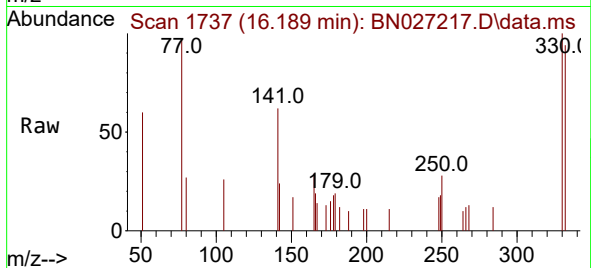
Tgt Ion:164 Resp: 9766
Ion Ratio Lower Upper
164 100
162 103.8 79.7 119.5
160 53.6 37.4 56.0



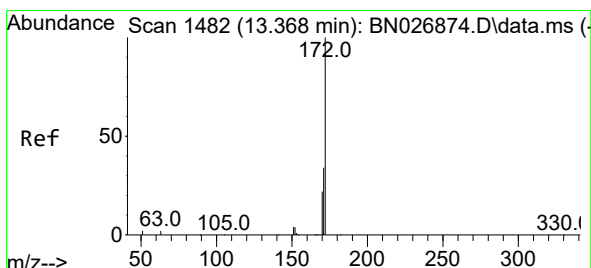
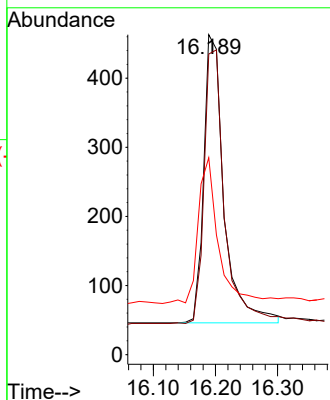
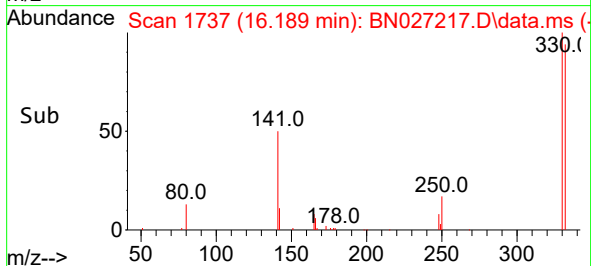


#14
2,4,6-Tribromophenol
Concen: 0.182 ng
RT: 16.189 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027217.D
Acq: 28 Aug 2023 14:57

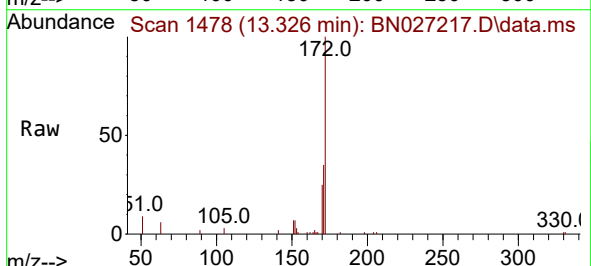
Instrument :
BNA_N
ClientSampleId :
TT14911-20230815



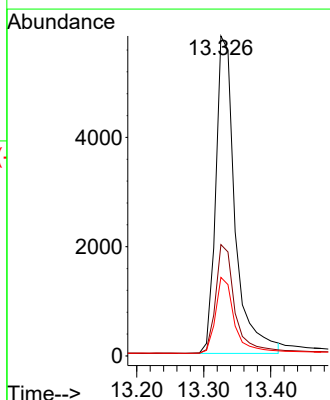
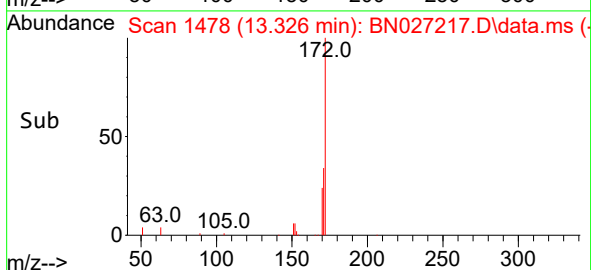
Tgt Ion:330 Resp: 947
Ion Ratio Lower Upper
330 100
332 95.4 76.6 114.8
141 48.5 32.3 48.5

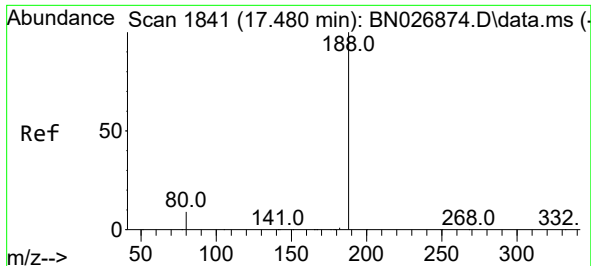


#15
2-Fluorobiphenyl
Concen: 0.323 ng
RT: 13.326 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BN027217.D
Acq: 28 Aug 2023 14:57



Tgt Ion:172 Resp: 11704
Ion Ratio Lower Upper
172 100
171 34.8 27.4 41.0
170 24.6 18.0 27.0

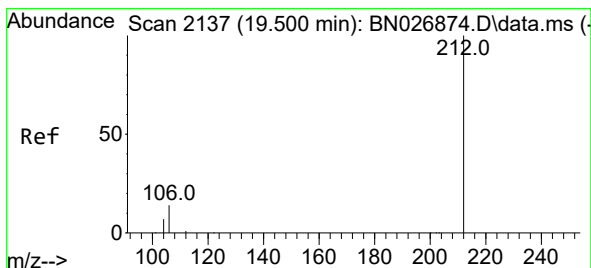
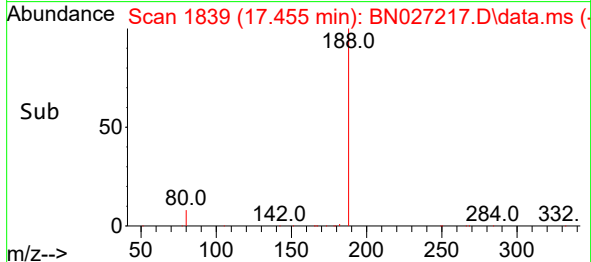
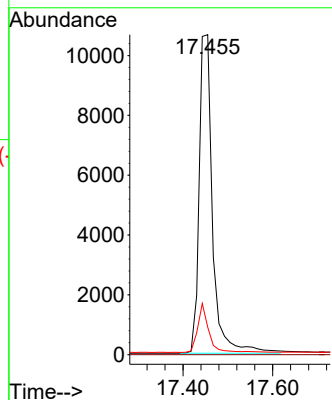
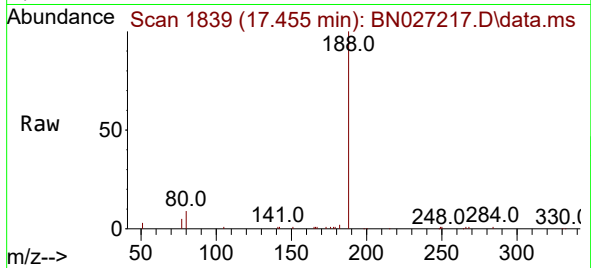




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.455 min Scan# 1839
Delta R.T. -0.000 min
Lab File: BN027217.D
Acq: 28 Aug 2023 14:57

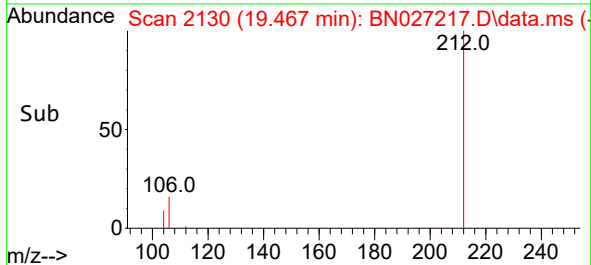
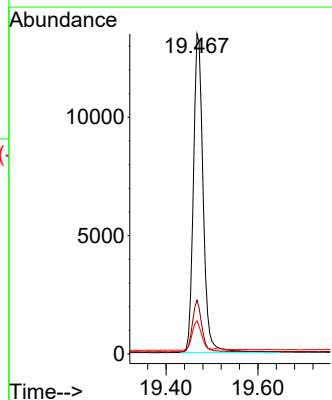
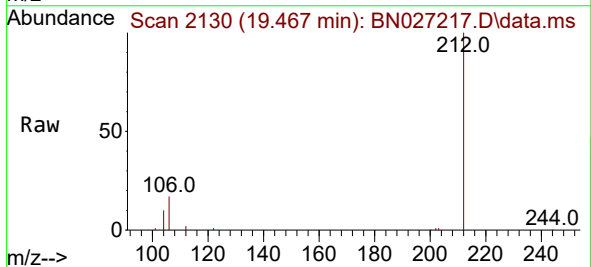
Instrument :
BNA_N
ClientSampleId :
TT14911-20230815

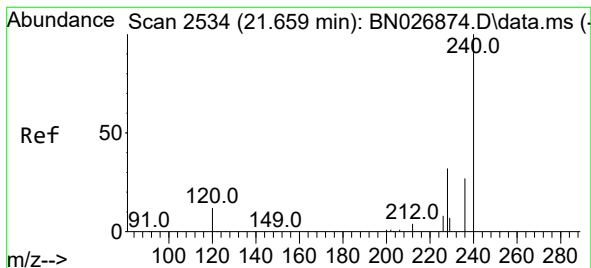
Tgt Ion:188 Resp: 22156
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.6 7.4 11.2



#27
Fluoranthene-d10
Concen: 0.350 ng
RT: 19.467 min Scan# 2130
Delta R.T. -0.005 min
Lab File: BN027217.D
Acq: 28 Aug 2023 14:57

Tgt Ion:212 Resp: 19888
Ion Ratio Lower Upper
212 100
106 15.6 10.9 16.3
104 8.9 5.9 8.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.632 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN027217.D

Acq: 28 Aug 2023 14:57

Instrument :

BNA_N

ClientSampleId :

TT14911-20230815

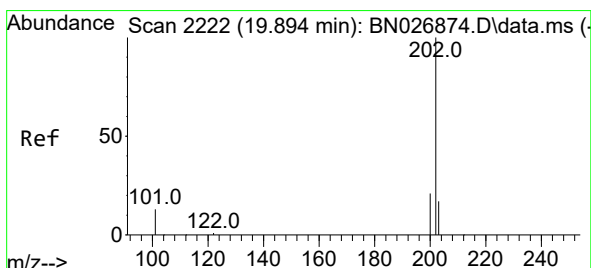
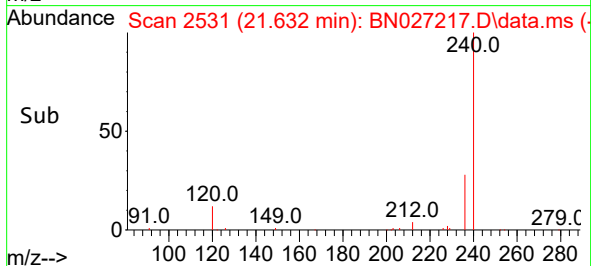
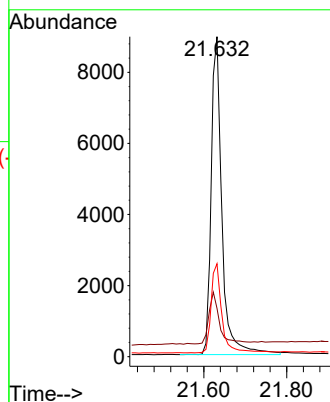
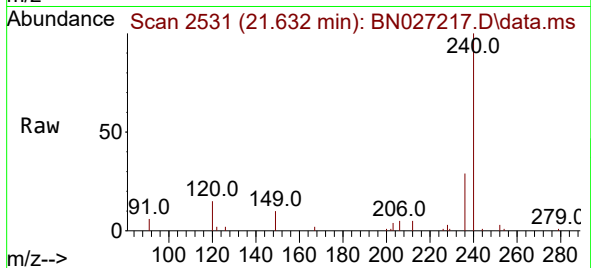
Tgt Ion:240 Resp: 16034

Ion Ratio Lower Upper

240 100

120 15.1 11.1 16.7

236 29.1 22.2 33.2



#30

Pyrene

Concen: 0.022 ng

RT: 19.867 min Scan# 2216

Delta R.T. -0.000 min

Lab File: BN027217.D

Acq: 28 Aug 2023 14:57

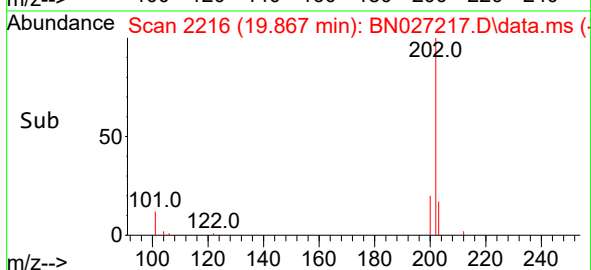
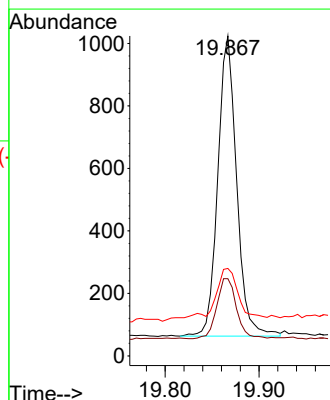
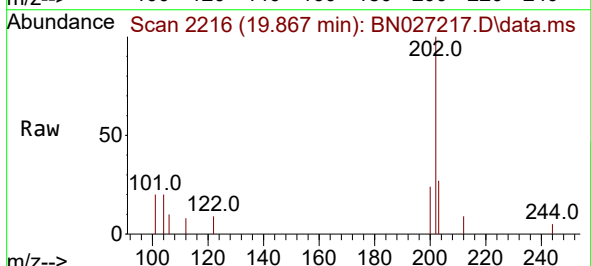
Tgt Ion:202 Resp: 1342

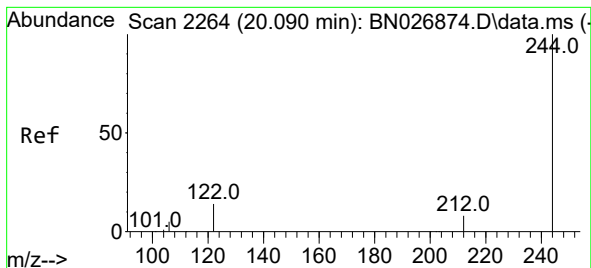
Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

203 17.8 14.4 21.6





#31

Terphenyl-d14

Concen: 0.515 ng

RT: 20.053 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN027217.D

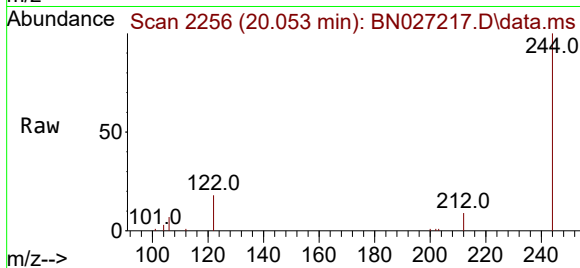
Acq: 28 Aug 2023 14:57

Instrument :

BNA_N

ClientSampleId :

TT14911-20230815



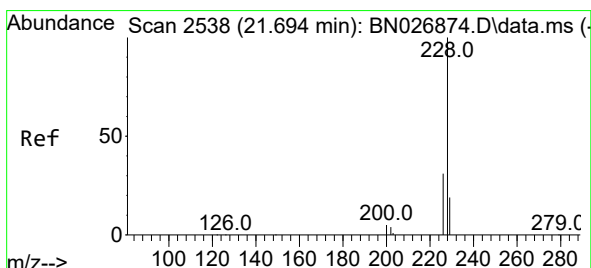
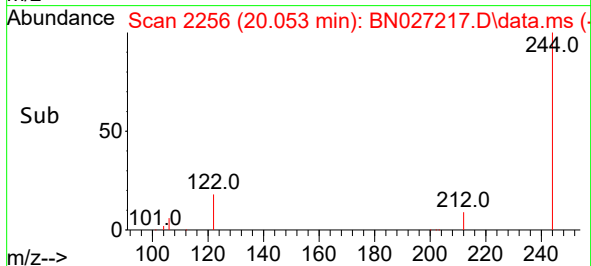
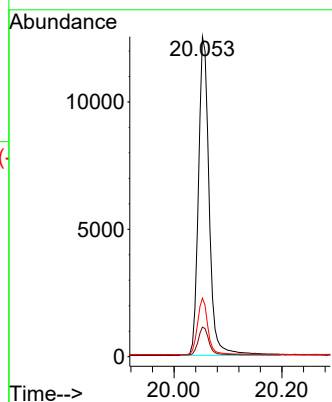
Tgt Ion:244 Resp: 17251

Ion Ratio Lower Upper

244 100

212 9.2 6.9 10.3

122 18.3 11.9 17.9#



#33

Chrysene

Concen: 0.021 ng

RT: 21.668 min Scan# 2535

Delta R.T. -0.000 min

Lab File: BN027217.D

Acq: 28 Aug 2023 14:57

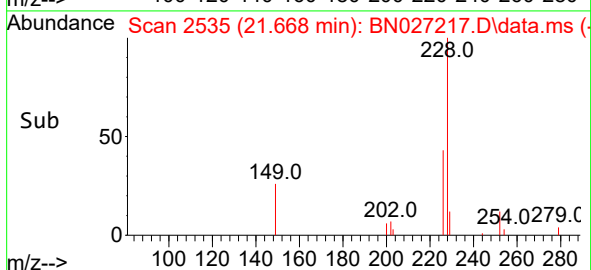
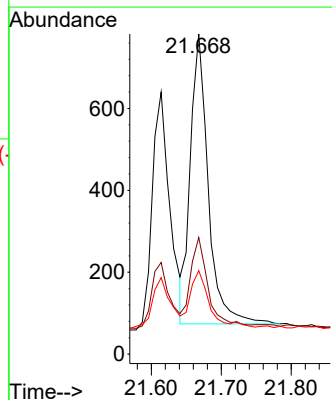
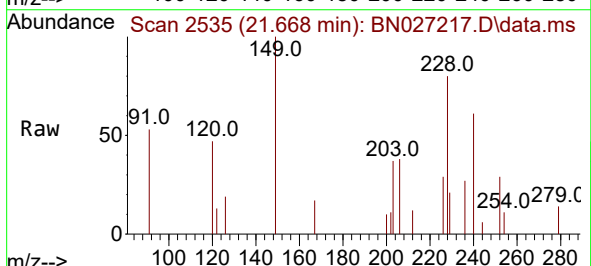
Tgt Ion:228 Resp: 1256

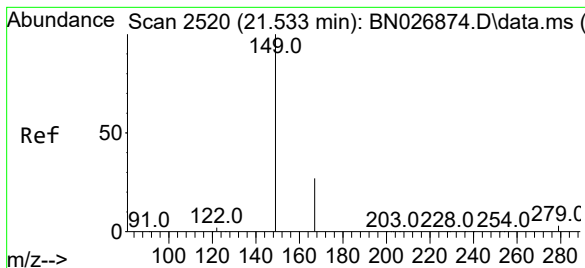
Ion Ratio Lower Upper

228 100

226 36.4 24.6 37.0

229 26.1 15.5 23.3#

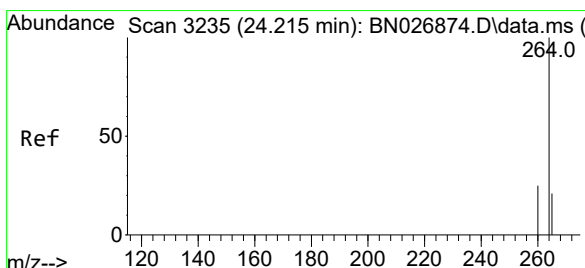
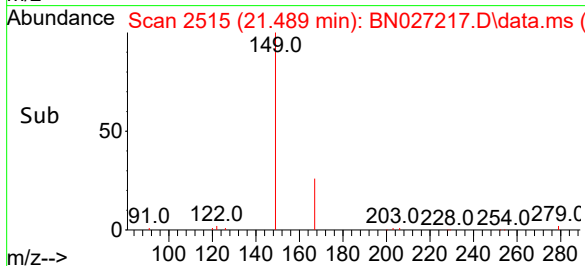
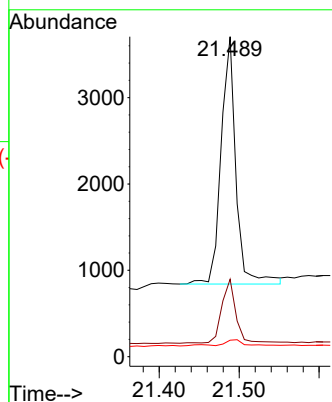
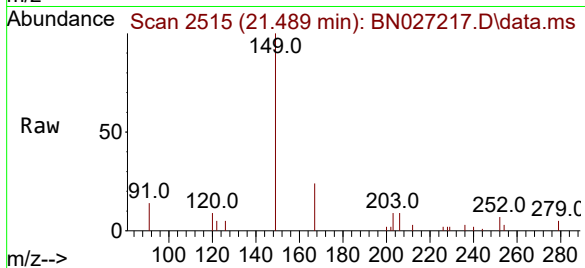




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.089 ng
 RT: 21.489 min Scan# 2149
 Delta R.T. -0.000 min
 Lab File: BN027217.D
 Acq: 28 Aug 2023 14:57

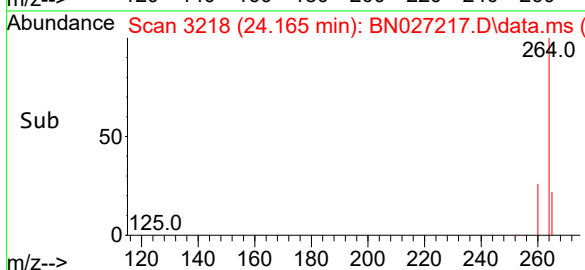
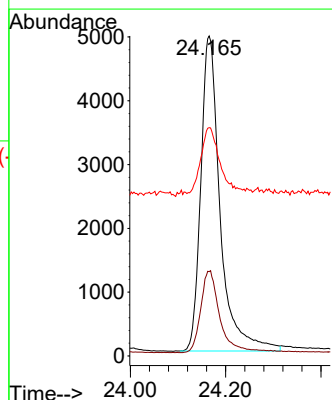
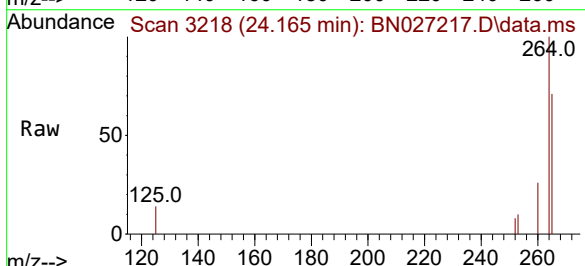
Instrument :
 BNA_N
 ClientSampleId :
 TT14911-20230815

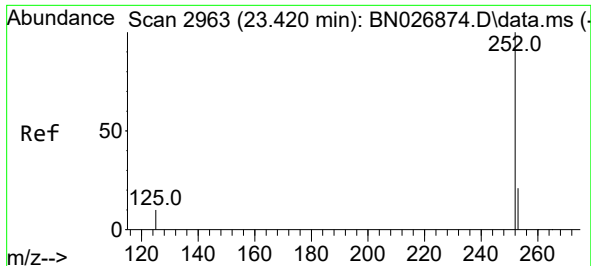
Tgt Ion:149 Resp: 3691
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.4 32.0
 279 2.8 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.165 min Scan# 3218
 Delta R.T. -0.000 min
 Lab File: BN027217.D
 Acq: 28 Aug 2023 14:57

Tgt Ion:264 Resp: 13928
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.4 30.6
 265 71.4 27.0 40.6#

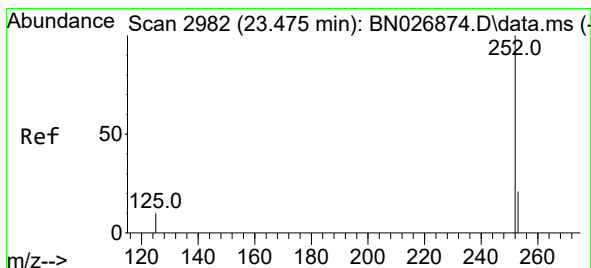
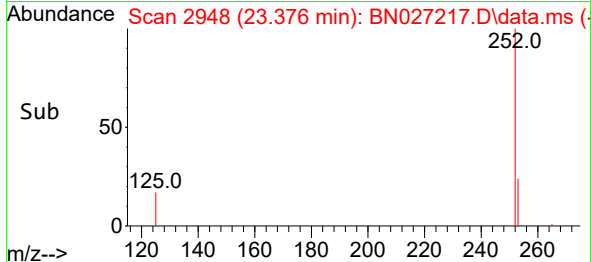
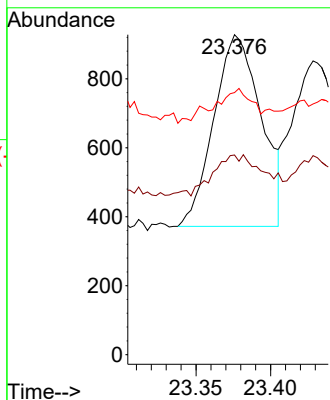
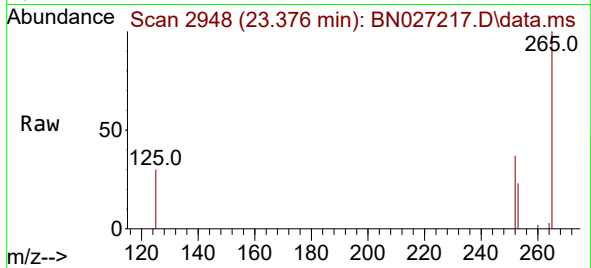




#37
Benzo(b)fluoranthene
Concen: 0.026 ng
RT: 23.376 min Scan# 2963
Delta R.T. 0.006 min
Lab File: BN027217.D
Acq: 28 Aug 2023 14:57

Instrument :
BNA_N
ClientSampleId :
TT14911-20230815

Tgt Ion:252 Resp: 1226
Ion Ratio Lower Upper
252 100
253 62.4 18.4 27.6#
125 81.9 10.2 15.2#



#38
Benzo(k)fluoranthene
Concen: 0.020 ng
RT: 23.428 min Scan# 2966
Delta R.T. 0.003 min
Lab File: BN027217.D
Acq: 28 Aug 2023 14:57

Tgt Ion:252 Resp: 975
Ion Ratio Lower Upper
252 100
253 67.7 18.4 27.6#
125 85.3 10.2 15.2#

