

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110723\
 Data File : BN028494.D
 Acq On : 07 Nov 2023 17:01
 Operator : MA/JU
 Sample : PB156879BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB156879BL

Quant Time: Nov 08 00:40:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 00:27:19 2023
 Response via : Initial Calibration

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

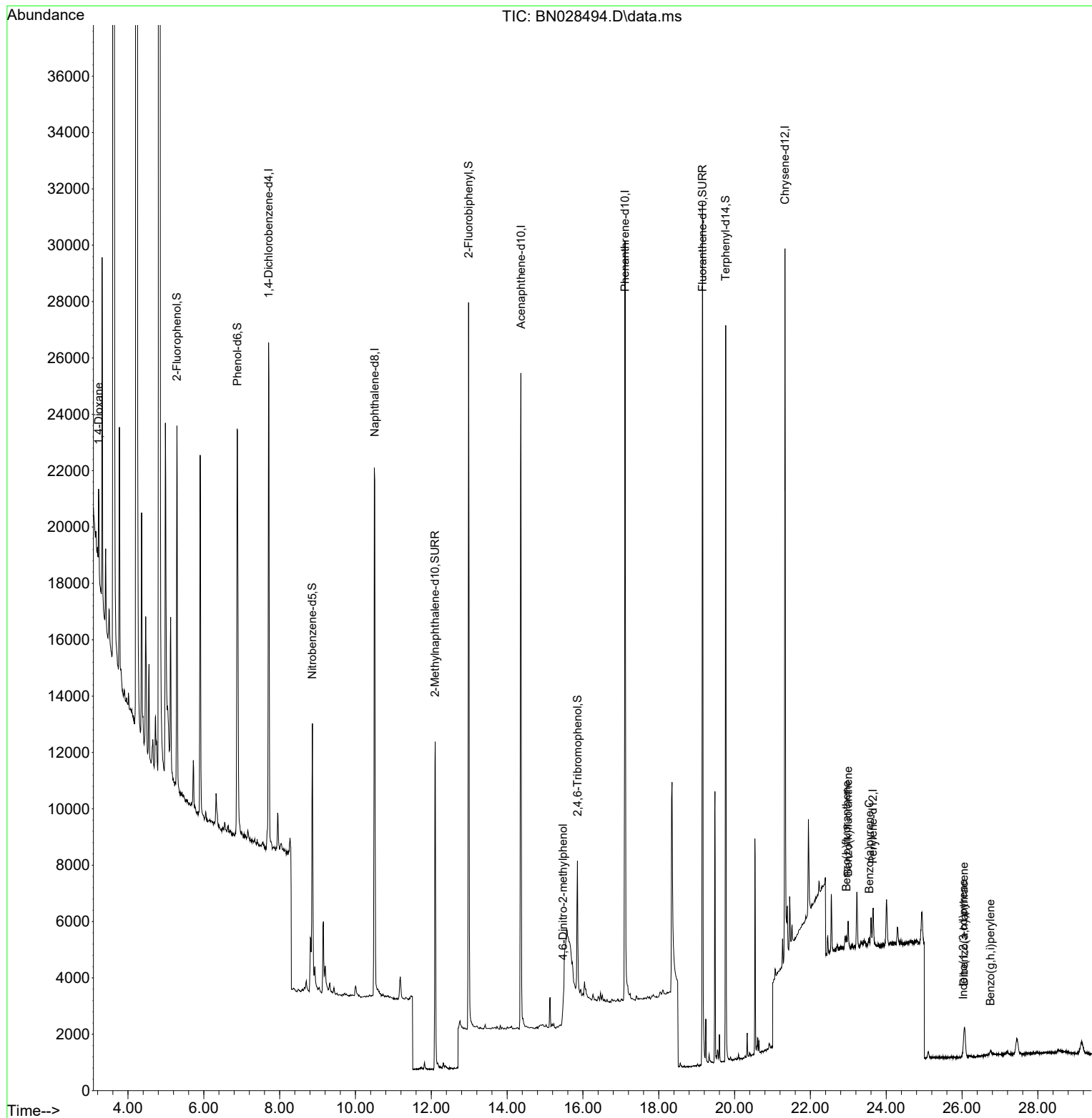
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	8780	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	27170	0.400	ng	0.00
13) Acenaphthene-d10	14.364	164	14202	0.400	ng	0.00
19) Phenanthrene-d10	17.109	188	35866	0.400	ng	0.00
29) Chrysene-d12	21.329	240	22912	0.400	ng	# 0.00
35) Perylene-d12	23.649	264	1606	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	10147	0.387	ng	0.00
5) Phenol-d6	6.887	99	12035	0.357	ng	0.00
8) Nitrobenzene-d5	8.865	82	7546	0.311	ng	0.00
11) 2-Methylnaphthalene-d10	12.102	152	16174	0.343	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	2789	0.350	ng	0.00
15) 2-Fluorobiphenyl	12.985	172	22396	0.359	ng	0.00
27) Fluoranthene-d10	19.153	212	34156	0.312	ng	0.00
31) Terphenyl-d14	19.766	244	24574	0.403	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	549	0.052	ng	# 28
20) 4,6-Dinitro-2-methylph...	15.476	198	8	0.180	ng	# 1
36) Indeno(1,2,3-cd)pyrene	26.032	276	385	0.059	ng	# 57
37) Benzo(b)fluoranthene	22.950	252	484	0.073	ng	# 1
38) Benzo(k)fluoranthene	22.994	252	271	0.042	ng	# 1
39) Benzo(a)pyrene	23.553	252	265	0.047	ng	# 1
40) Dibenzo(a,h)anthracene	26.052	278	463	0.092	ng	# 1
41) Benzo(g,h,i)perylene	26.751	276	174	0.031	ng	# 1

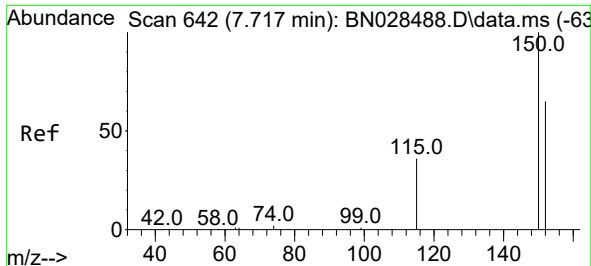
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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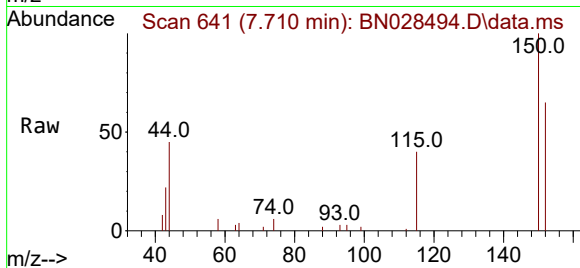
Quant Time: Nov 08 00:40:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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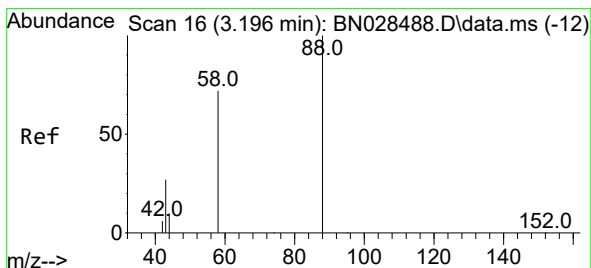
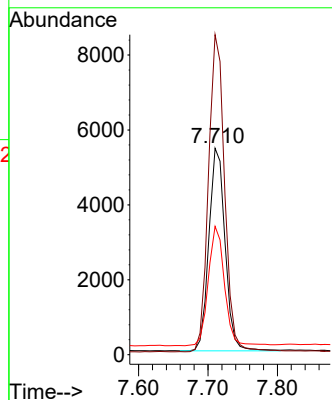
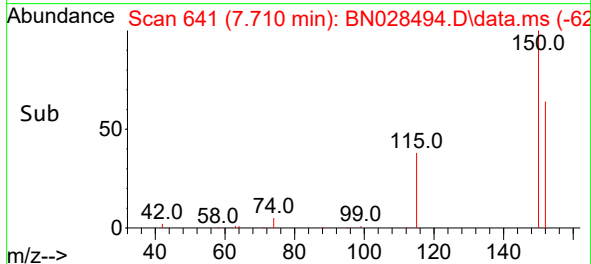


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN028494.D
Acq: 07 Nov 2023 17:01

Instrument :
BNA_N
ClientSampleId :
PB156879BL

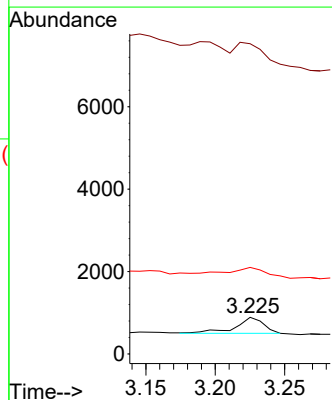
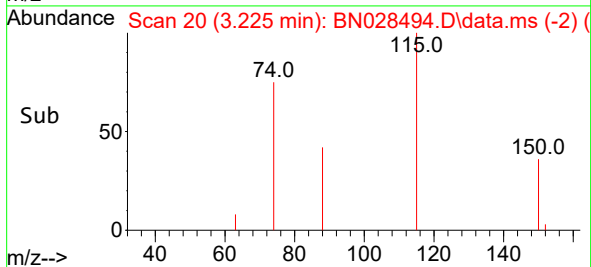
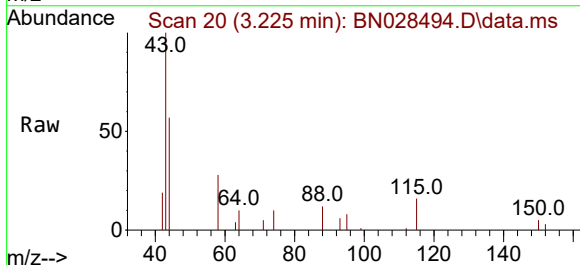


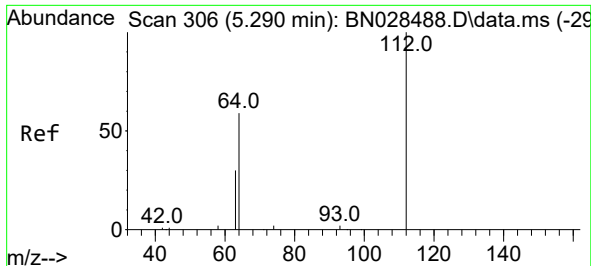
Tgt Ion:152 Resp: 8780
Ion Ratio Lower Upper
152 100
150 155.0 122.5 183.7
115 62.2 47.5 71.3



#2
1,4-Dioxane
Concen: 0.052 ng
RT: 3.225 min Scan# 20
Delta R.T. 0.029 min
Lab File: BN028494.D
Acq: 07 Nov 2023 17:01

Tgt Ion: 88 Resp: 549
Ion Ratio Lower Upper
88 100
43 118.2 29.0 43.4#
58 41.5 60.2 90.2#

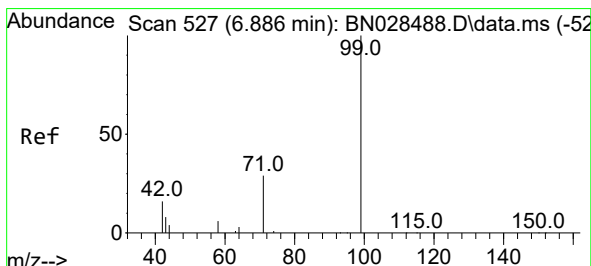
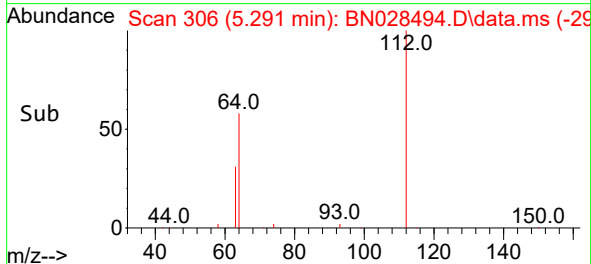
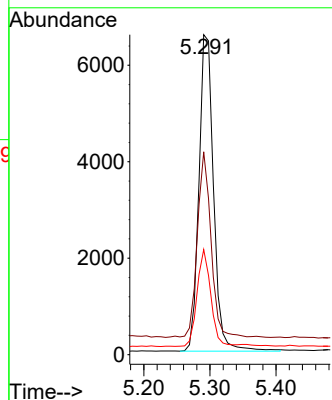
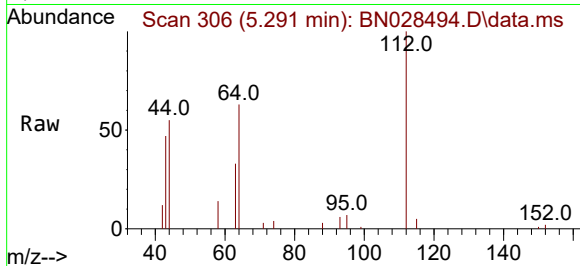




#4
2-Fluorophenol
Concen: 0.387 ng
RT: 5.291 min Scan# 306
Delta R.T. 0.000 min
Lab File: BN028494.D
Acq: 07 Nov 2023 17:01

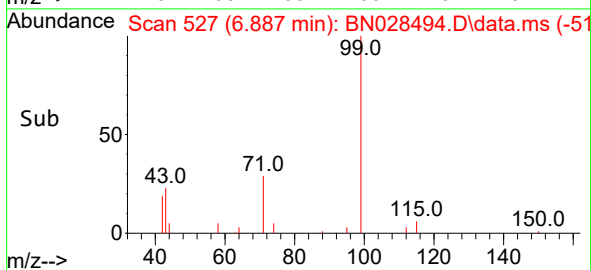
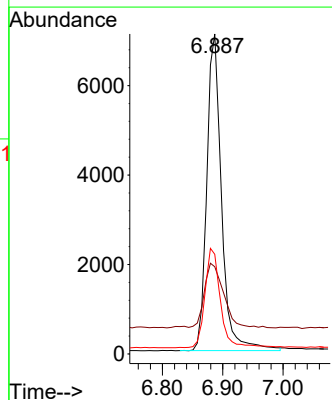
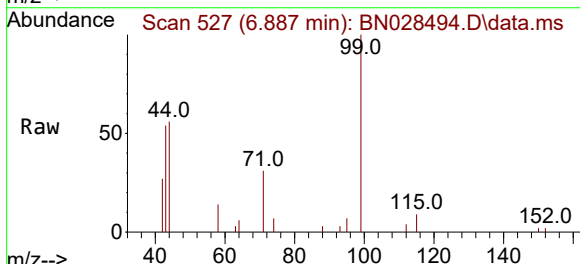
Instrument :
BNA_N
ClientSampleId :
PB156879BL

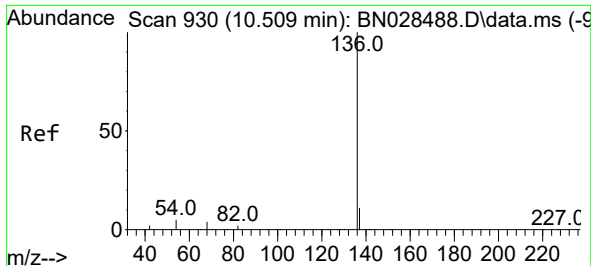
Tgt Ion:112 Resp: 10147
Ion Ratio Lower Upper
112 100
64 54.6 44.6 67.0
63 28.6 23.3 34.9



#5
Phenol-d6
Concen: 0.357 ng
RT: 6.887 min Scan# 527
Delta R.T. 0.000 min
Lab File: BN028494.D
Acq: 07 Nov 2023 17:01

Tgt Ion: 99 Resp: 12035
Ion Ratio Lower Upper
99 100
42 26.6 15.8 23.8#
71 33.3 25.1 37.7

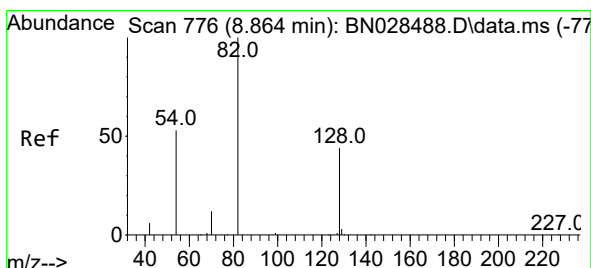
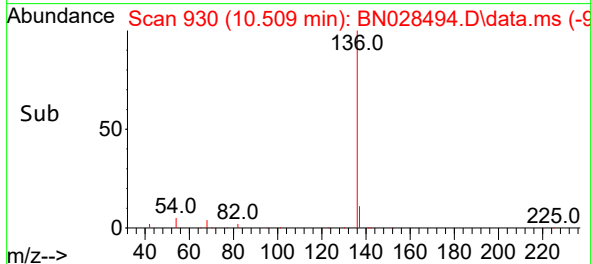
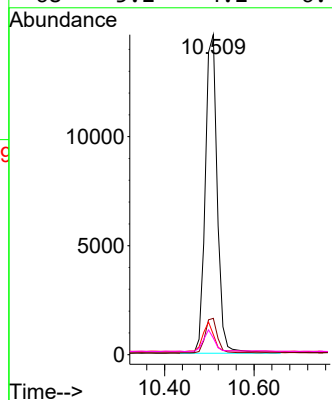
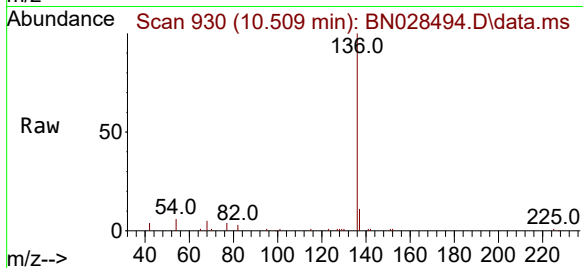




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN028494.D
Acq: 07 Nov 2023 17:01

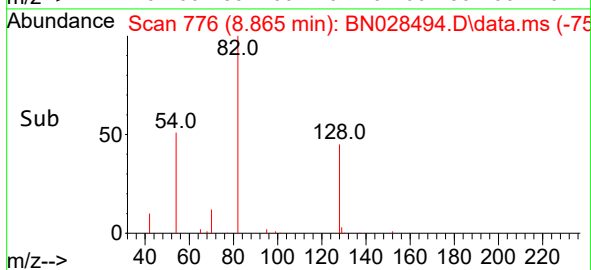
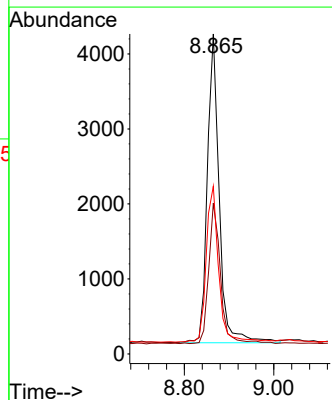
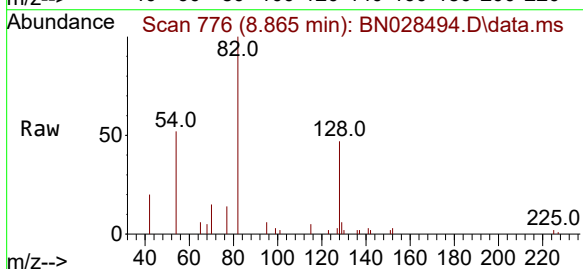
Instrument :
BNA_N
ClientSampleId :
PB156879BL

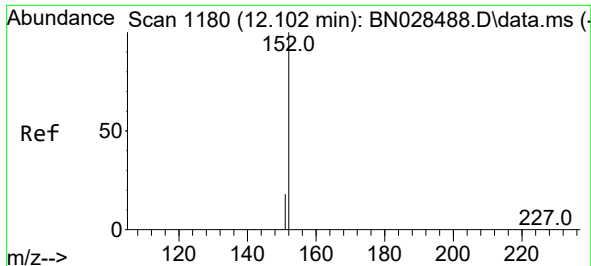
Tgt Ion:	136	Resp:	27170
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.4
54	6.3	5.1	7.7
68	5.2	4.2	6.4



#8
Nitrobenzene-d5
Concen: 0.311 ng
RT: 8.865 min Scan# 776
Delta R.T. 0.000 min
Lab File: BN028494.D
Acq: 07 Nov 2023 17:01

Tgt Ion:	82	Resp:	7546
Ion Ratio	Lower	Upper	
82	100		
128	47.1	36.5	54.7
54	52.4	43.8	65.8

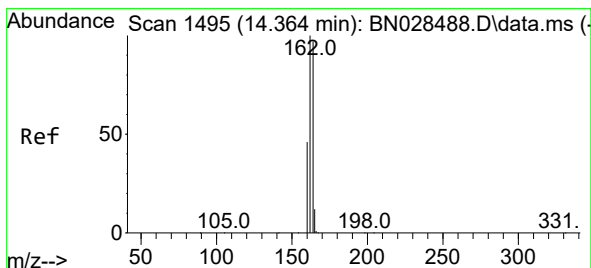
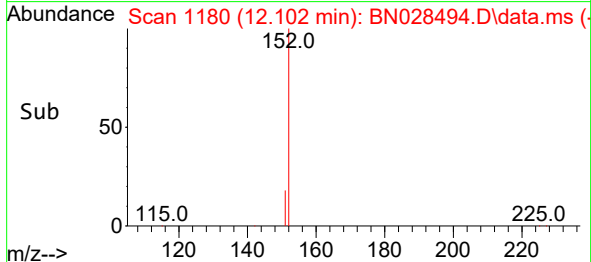
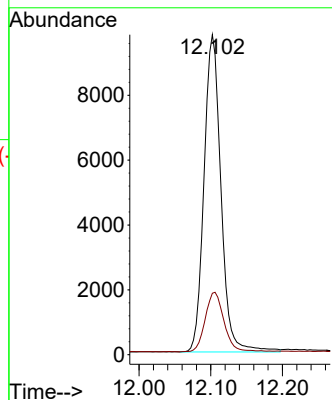
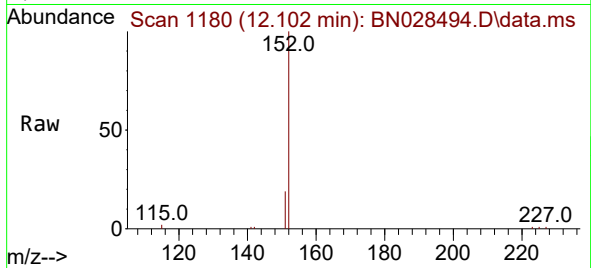




#11
2-Methylnaphthalene-d10
Concen: 0.343 ng
RT: 12.102 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BN028494.D
Acq: 07 Nov 2023 17:01

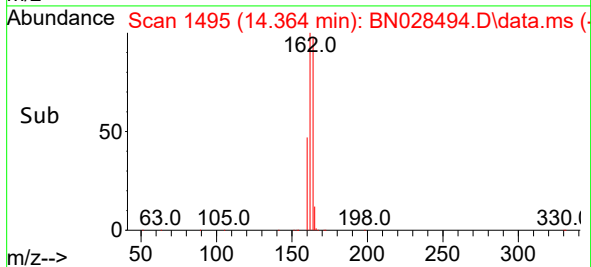
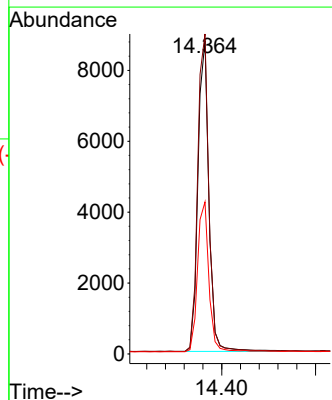
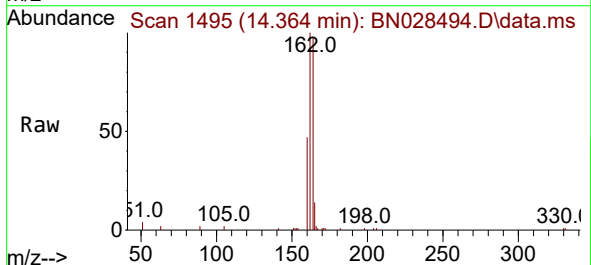
Instrument :
BNA_N
ClientSampleId :
PB156879BL

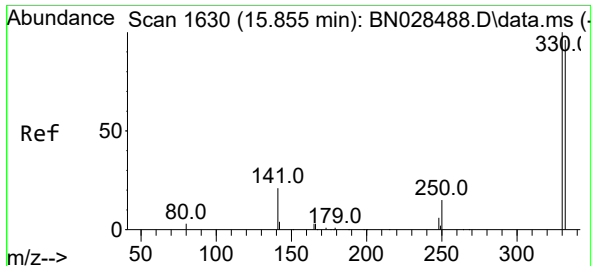
Tgt Ion:152 Resp: 16174
Ion Ratio Lower Upper
152 100
151 20.7 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.364 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BN028494.D
Acq: 07 Nov 2023 17:01

Tgt Ion:164 Resp: 14202
Ion Ratio Lower Upper
164 100
162 102.1 82.5 123.7
160 48.5 38.1 57.1

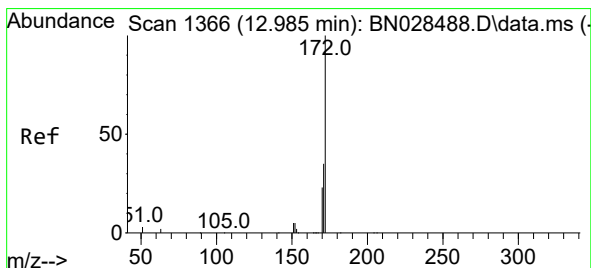
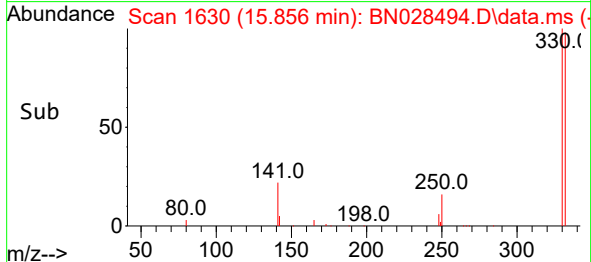
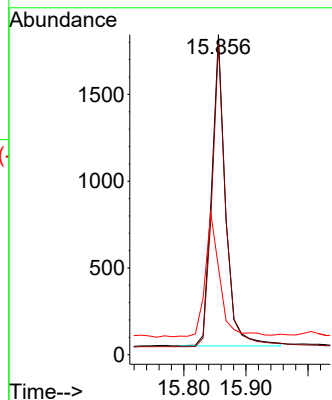
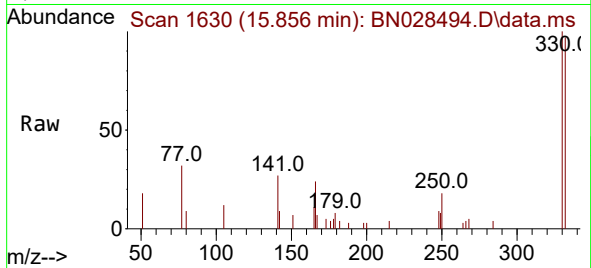




#14
 2,4,6-Tribromophenol
 Concen: 0.350 ng
 RT: 15.856 min Scan# 1630
 Delta R.T. 0.000 min
 Lab File: BN028494.D
 Acq: 07 Nov 2023 17:01

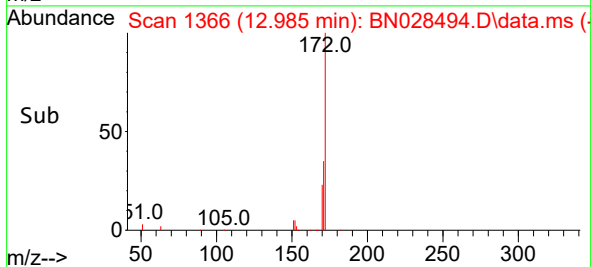
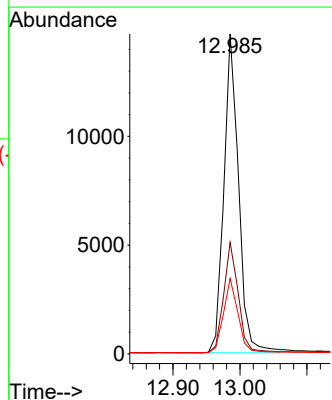
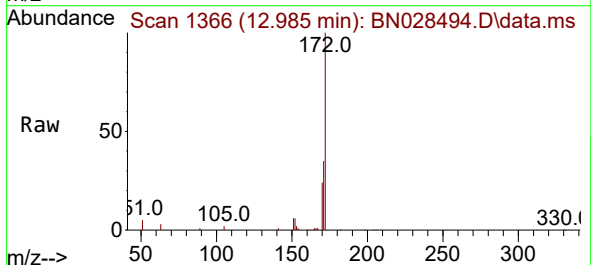
Instrument :
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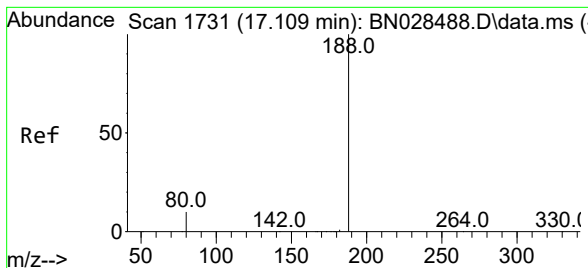
Tgt Ion: 330 Resp: 2789
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.4
 141 42.0 32.6 49.0



#15
 2-Fluorobiphenyl
 Concen: 0.359 ng
 RT: 12.985 min Scan# 1366
 Delta R.T. 0.000 min
 Lab File: BN028494.D
 Acq: 07 Nov 2023 17:01

Tgt Ion: 172 Resp: 22396
 Ion Ratio Lower Upper
 172 100
 171 34.9 27.9 41.9
 170 23.6 18.9 28.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN028494.D

Acq: 07 Nov 2023 17:01

Instrument :

BNA_N

ClientSampleId :

PB156879BL

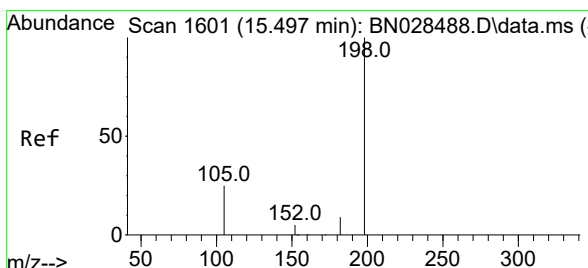
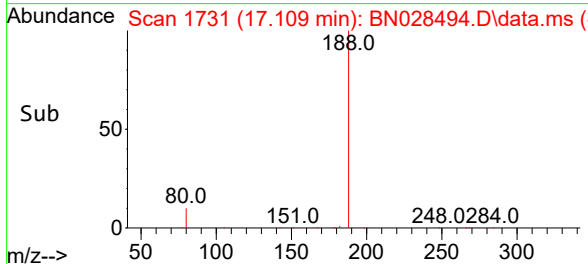
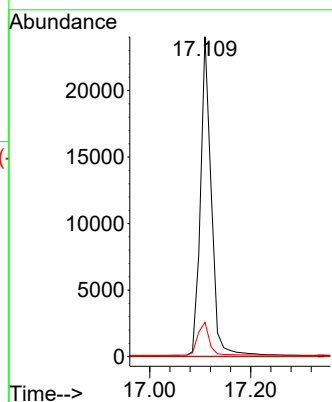
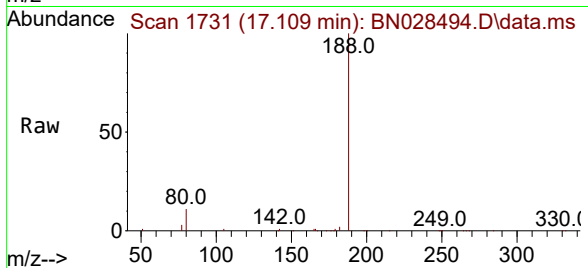
Tgt Ion:188 Resp: 35866

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.7 8.3 12.5



#20

4,6-Dinitro-2-methylphenol

Concen: 0.180 ng

RT: 15.476 min Scan# 1599

Delta R.T. -0.021 min

Lab File: BN028494.D

Acq: 07 Nov 2023 17:01

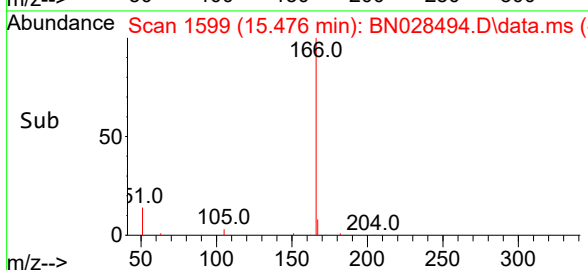
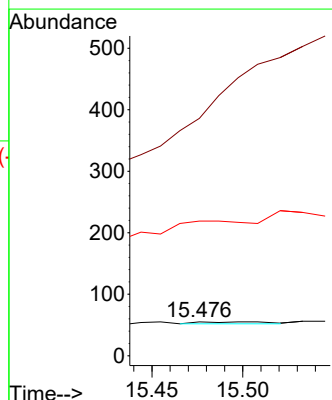
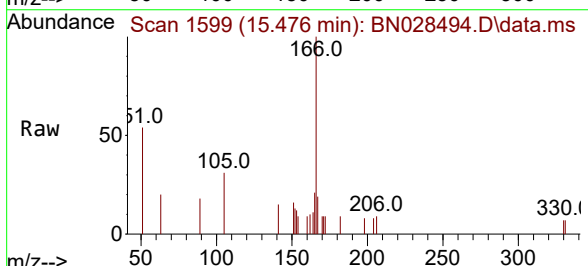
Tgt Ion:198 Resp: 8

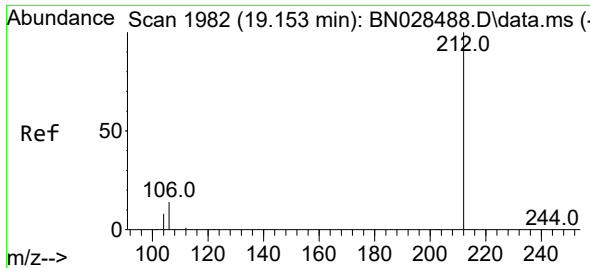
Ion Ratio Lower Upper

198 100

51 701.8 42.1 63.1#

105 398.2 32.6 48.8#

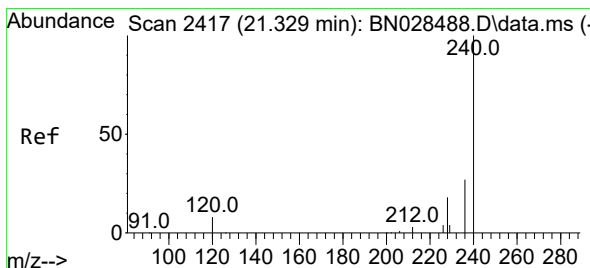
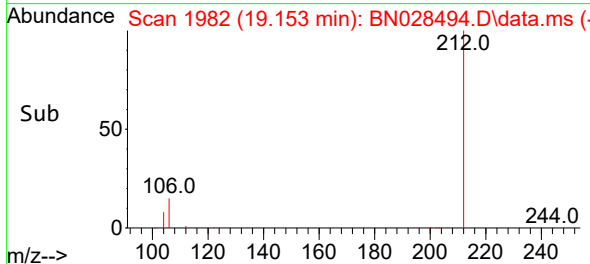
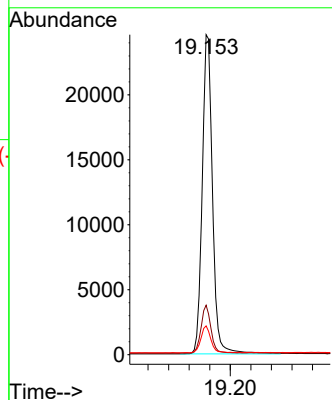
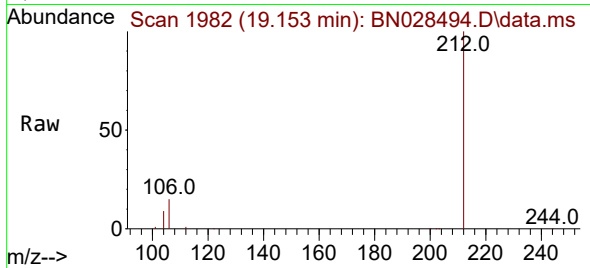




#27
Fluoranthene-d10
Concen: 0.312 ng
RT: 19.153 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BN028494.D
Acq: 07 Nov 2023 17:01

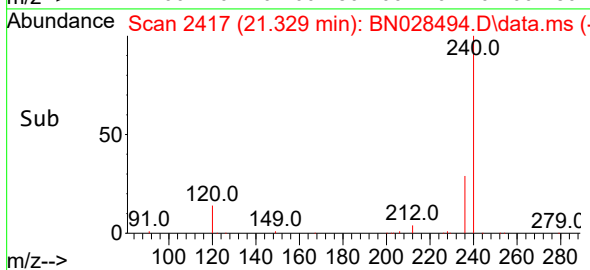
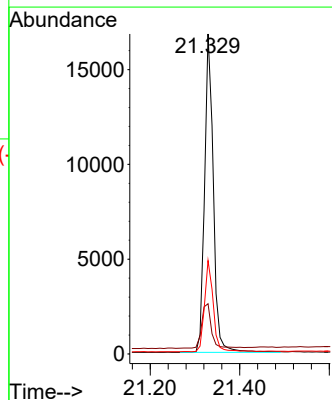
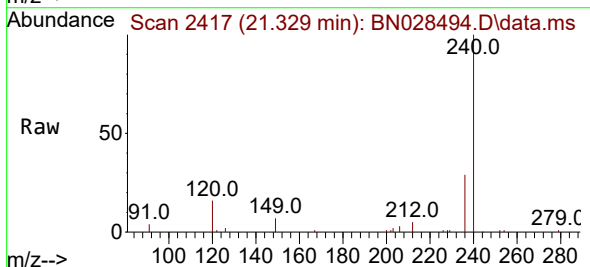
Instrument :
BNA_N
ClientSampleId :
PB156879BL

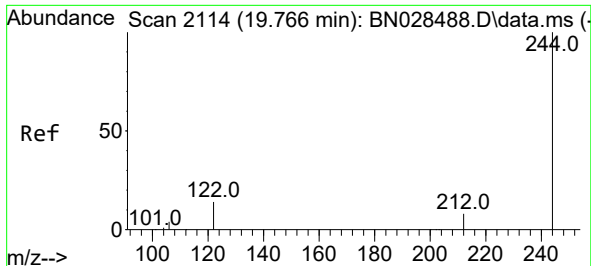
Tgt Ion:212 Resp: 34156
Ion Ratio Lower Upper
212 100
106 14.5 11.5 17.3
104 8.3 6.4 9.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.329 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BN028494.D
Acq: 07 Nov 2023 17:01

Tgt Ion:240 Resp: 22912
Ion Ratio Lower Upper
240 100
120 15.7 7.6 11.4#
236 29.2 21.9 32.9

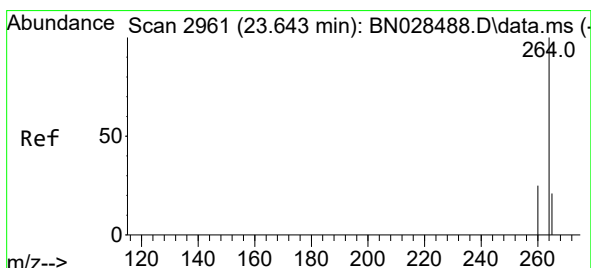
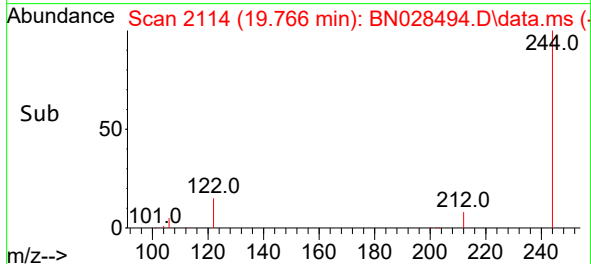
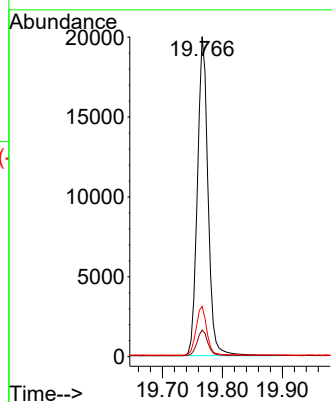
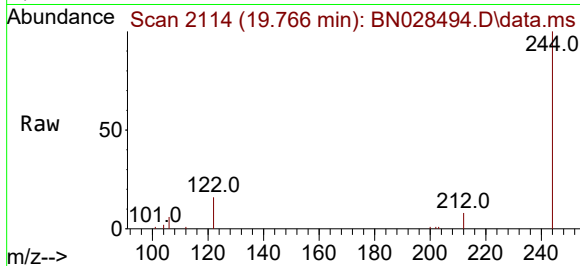




#31
 Terphenyl-d14
 Concen: 0.403 ng
 RT: 19.766 min Scan# 2114
 Delta R.T. 0.000 min
 Lab File: BN028494.D
 Acq: 07 Nov 2023 17:01

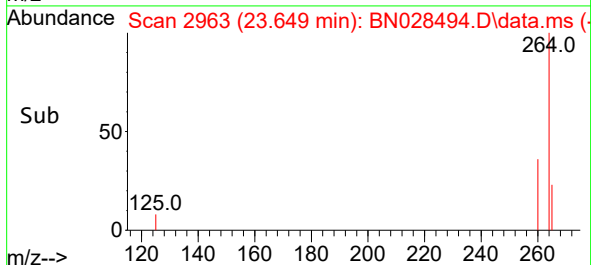
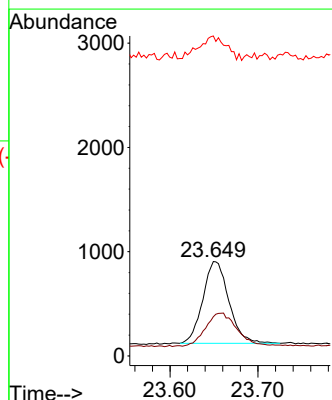
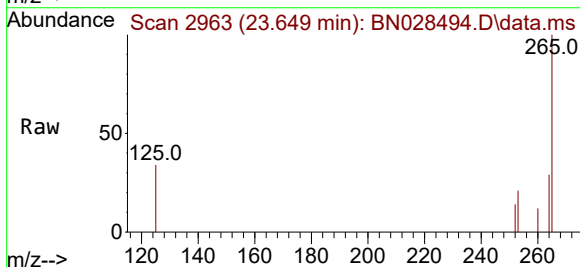
Instrument :
 BNA_N
 ClientSampleId :
 PB156879BL

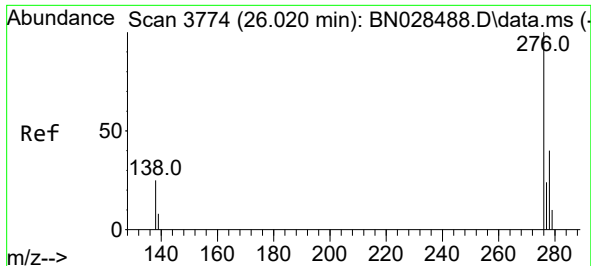
Tgt Ion:244 Resp: 24574
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.6 9.8
 122 15.7 11.4 17.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.649 min Scan# 2963
 Delta R.T. 0.006 min
 Lab File: BN028494.D
 Acq: 07 Nov 2023 17:01

Tgt Ion:264 Resp: 1606
 Ion Ratio Lower Upper
 264 100
 260 41.5 20.7 31.1#
 265 339.1 31.6 47.4#

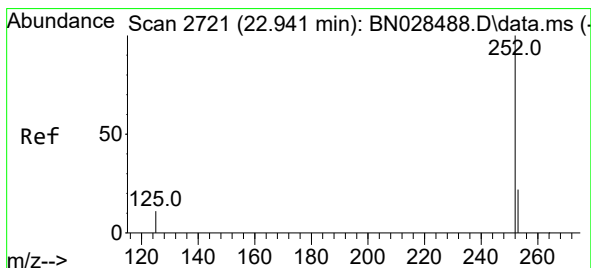
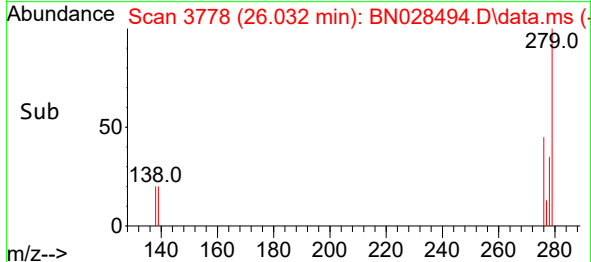
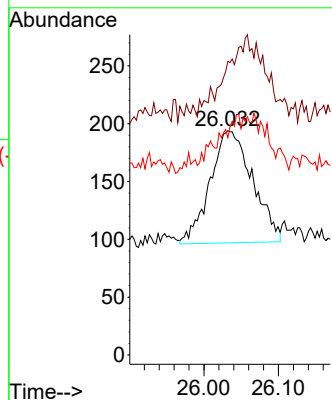
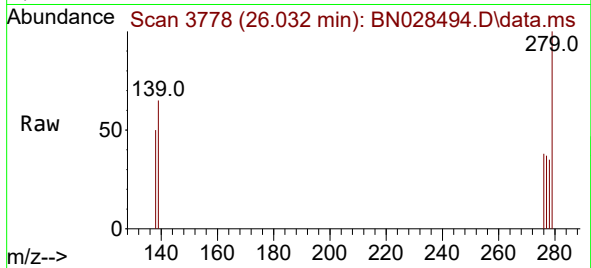




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.059 ng
RT: 26.032 min Scan# 31
Delta R.T. 0.012 min
Lab File: BN028494.D
Acq: 07 Nov 2023 17:01

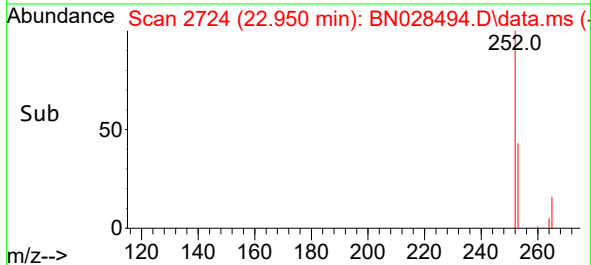
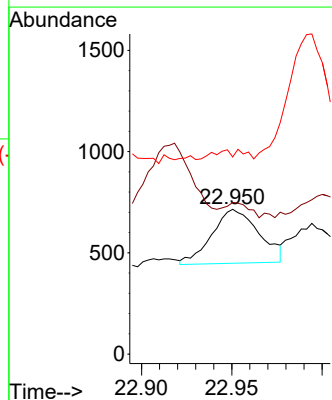
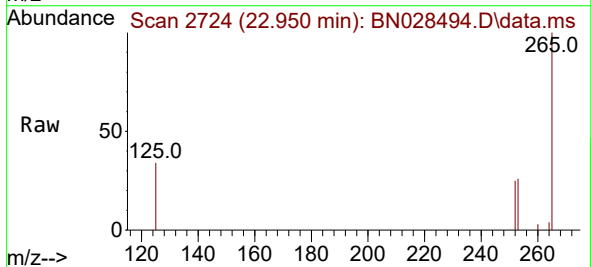
Instrument :
BNA_N
ClientSampleId :
PB156879BL

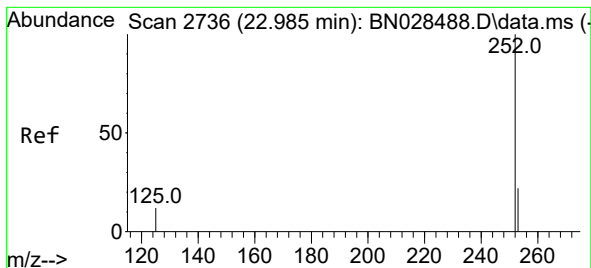
Tgt Ion:276 Resp: 385
Ion Ratio Lower Upper
276 100
138 0.0 22.4 33.6#
277 8.8 19.8 29.6#



#37
Benzo(b)fluoranthene
Concen: 0.073 ng
RT: 22.950 min Scan# 2724
Delta R.T. 0.009 min
Lab File: BN028494.D
Acq: 07 Nov 2023 17:01

Tgt Ion:252 Resp: 484
Ion Ratio Lower Upper
252 100
253 104.8 18.6 27.8#
125 136.1 11.4 17.0#





#38

Benzo(k)fluoranthene

Concen: 0.042 ng

RT: 22.994 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN028494.D

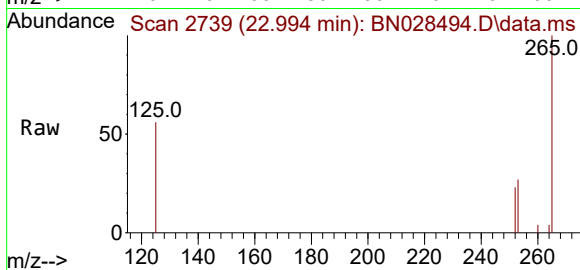
Acq: 07 Nov 2023 17:01

Instrument :

BNA_N

ClientSampleId :

PB156879BL



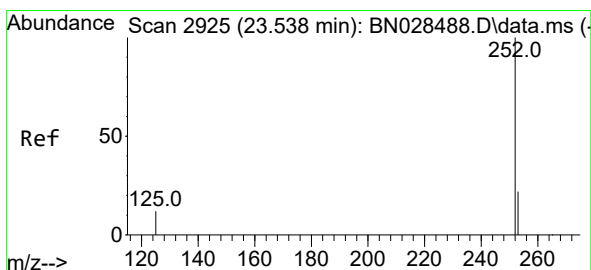
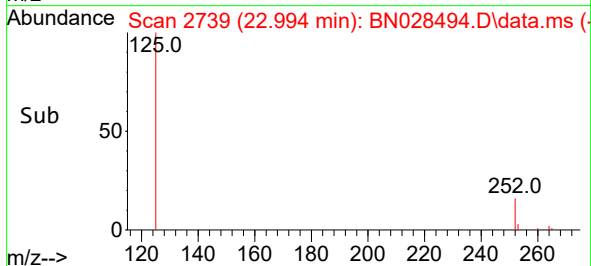
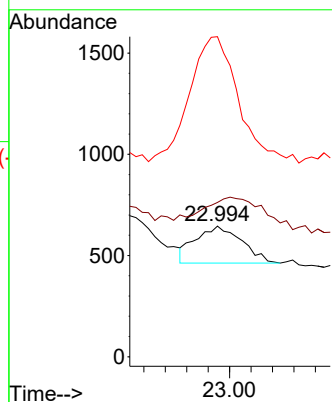
Tgt Ion:252 Resp: 271

Ion Ratio Lower Upper

252 100

253 118.1 19.0 28.6#

125 245.1 12.0 18.0#



#39

Benzo(a)pyrene

Concen: 0.047 ng

RT: 23.553 min Scan# 2930

Delta R.T. 0.015 min

Lab File: BN028494.D

Acq: 07 Nov 2023 17:01

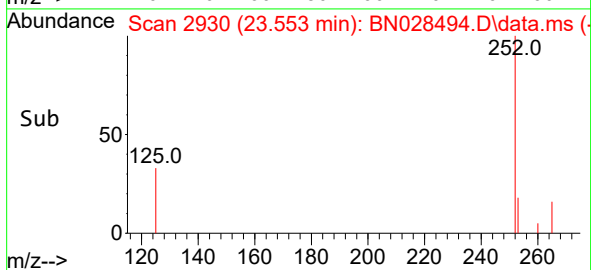
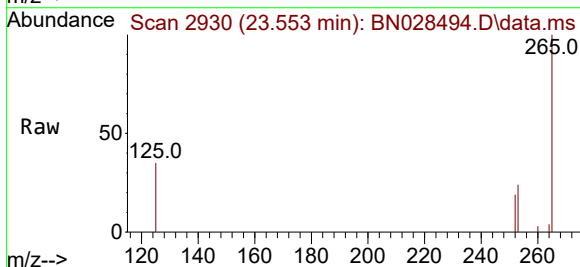
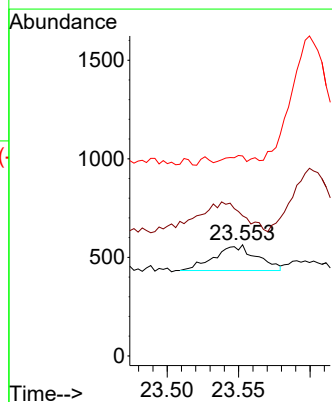
Tgt Ion:252 Resp: 265

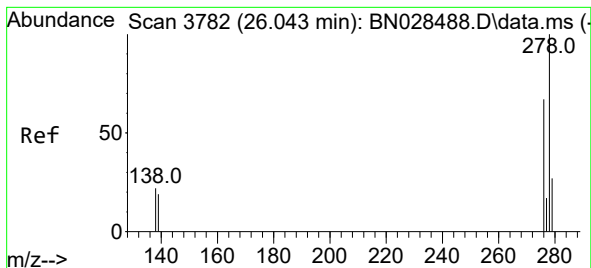
Ion Ratio Lower Upper

252 100

253 126.1 19.3 28.9#

125 179.8 13.3 19.9#





#40

Dibenzo(a,h)anthracene

Concen: 0.092 ng

RT: 26.052 min Scan# 31

Delta R.T. 0.009 min

Lab File: BN028494.D

Acq: 07 Nov 2023 17:01

Instrument :

BNA_N

ClientSampleId :

PB156879BL

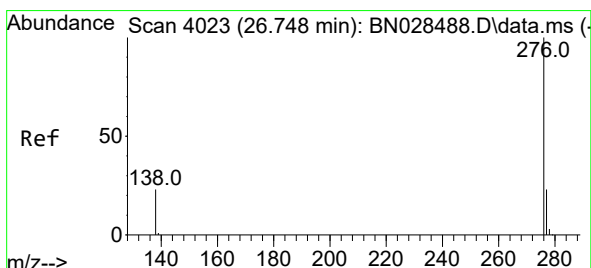
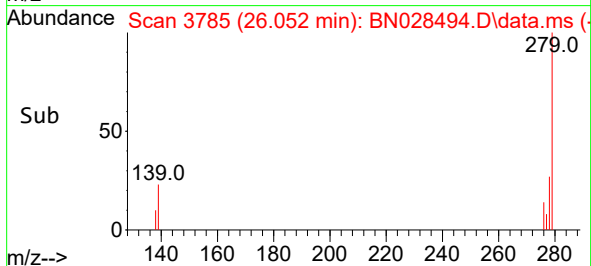
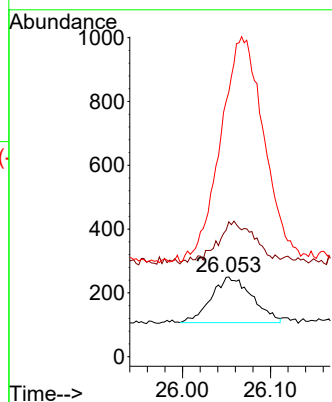
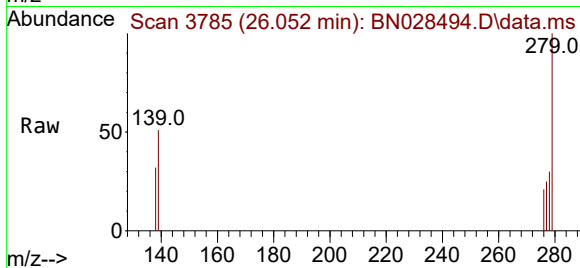
Tgt Ion:278 Resp: 463

Ion Ratio Lower Upper

278 100

139 169.2 17.0 25.6#

279 332.0 23.8 35.8#



#41

Benzo(g,h,i)perylene

Concen: 0.031 ng

RT: 26.751 min Scan# 4024

Delta R.T. 0.003 min

Lab File: BN028494.D

Acq: 07 Nov 2023 17:01

Tgt Ion:276 Resp: 174

Ion Ratio Lower Upper

276 100

277 104.2 19.5 29.3#

138 129.3 20.1 30.1#

