

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120623\
 Data File : BN029072.D
 Acq On : 07 Dec 2023 01:01
 Operator : MA/JU
 Sample : 05585-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 P3874-SP2

Quant Time: Dec 07 01:32:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 00:49:47 2023
 Response via : Initial Calibration

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

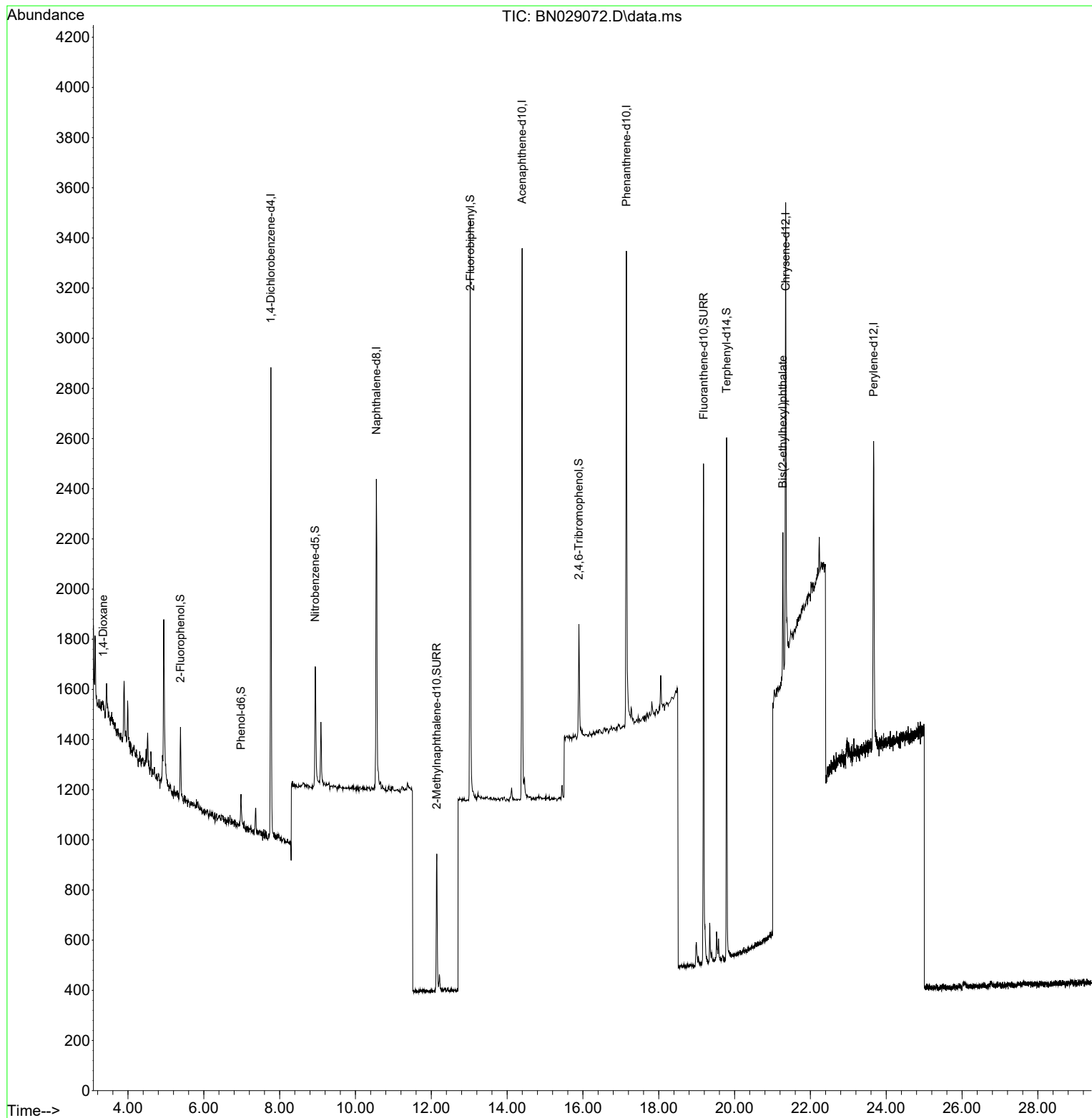
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	922	0.400	ng	0.00
7) Naphthalene-d8	10.551	136	1833	0.400	ng	#-0.01
13) Acenaphthene-d10	14.396	164	1269	0.400	ng	0.00
19) Phenanthrene-d10	17.146	188	2910	0.400	ng	# 0.00
29) Chrysene-d12	21.347	240	1740	0.400	ng	# 0.00
35) Perylene-d12	23.669	264	1749	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	233	0.112	ng	0.00
5) Phenol-d6	6.980	99	141	0.057	ng	0.00
8) Nitrobenzene-d5	8.939	82	552	0.250	ng	0.00
11) 2-Methylnaphthalene-d10	12.144	152	824	0.214	ng	0.00
14) 2,4,6-Tribromophenol	15.893	330	308	0.220	ng	0.00
15) 2-Fluorobiphenyl	13.028	172	2117	0.322	ng	0.00
27) Fluoranthene-d10	19.181	212	2558	0.280	ng	0.00
31) Terphenyl-d14	19.789	244	2062	0.468	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.348	88	61	0.082	ng	# 76
34) Bis(2-ethylhexyl)phtha...	21.275	149	561	0.103	ng	# 95

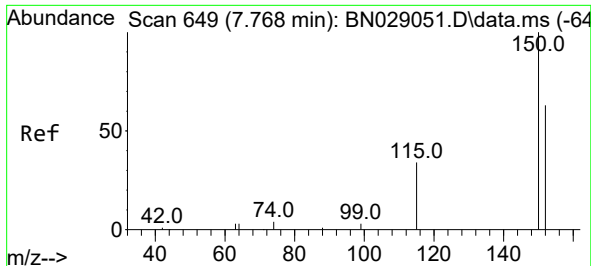
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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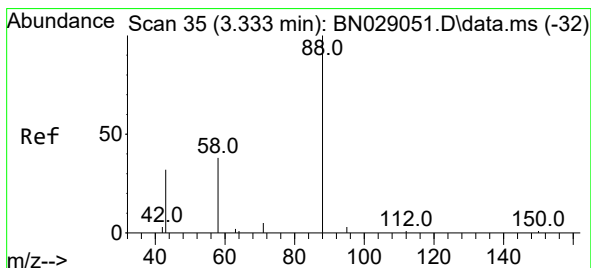
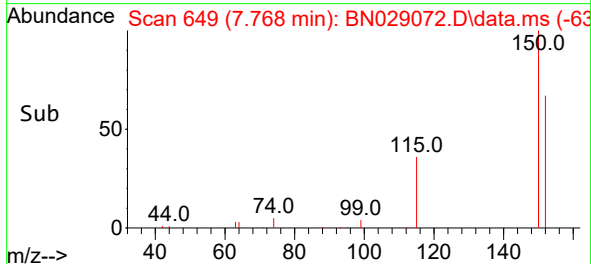
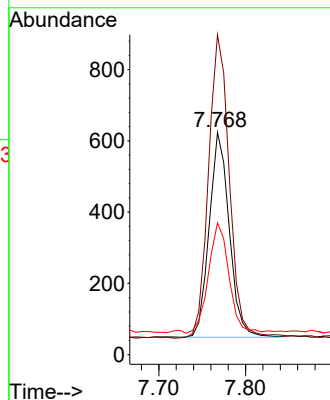
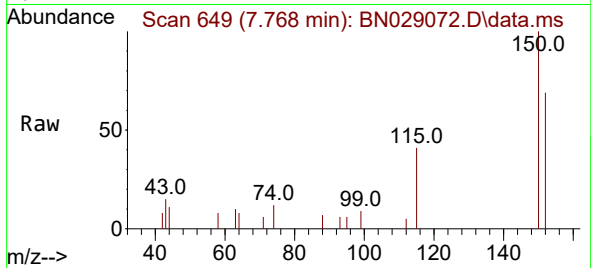




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.768 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN029072.D
 Acq: 07 Dec 2023 01:01

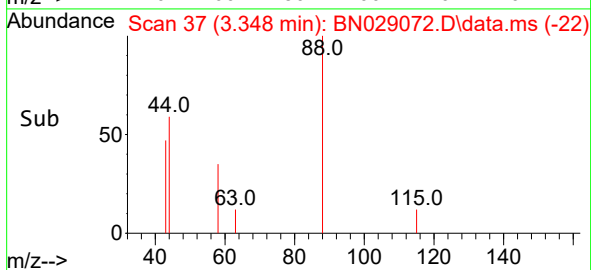
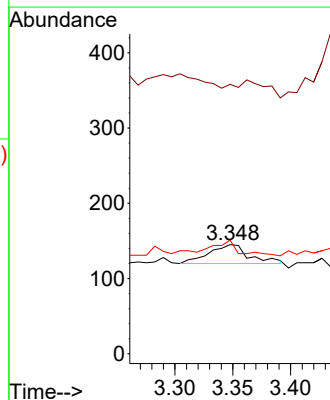
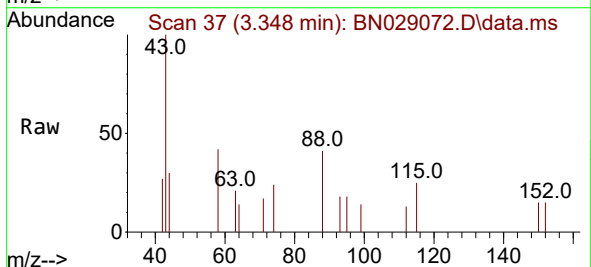
Instrument :
 BNA_N
 ClientSampleId :
 P3874-SP2

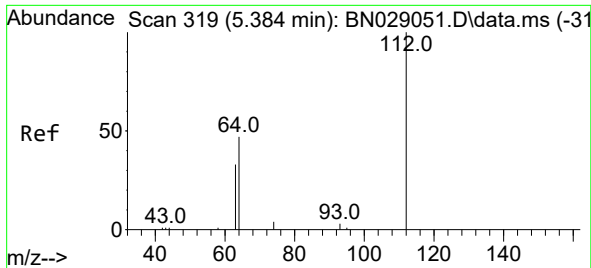
Tgt Ion:152 Resp: 922
 Ion Ratio Lower Upper
 152 100
 150 143.9 116.2 174.4
 115 59.3 45.1 67.7



#2
 1,4-Dioxane
 Concen: 0.082 ng
 RT: 3.348 min Scan# 37
 Delta R.T. 0.007 min
 Lab File: BN029072.D
 Acq: 07 Dec 2023 01:01

Tgt Ion: 88 Resp: 61
 Ion Ratio Lower Upper
 88 100
 43 52.5 15.6 23.4#
 58 42.6 33.2 49.8

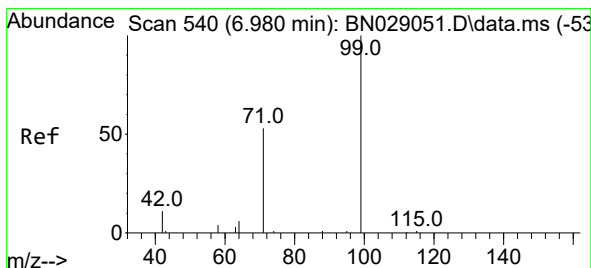
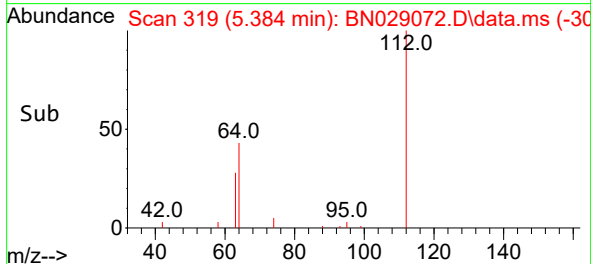
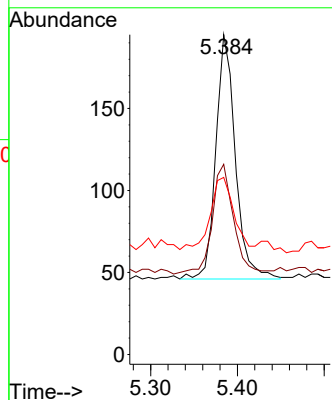
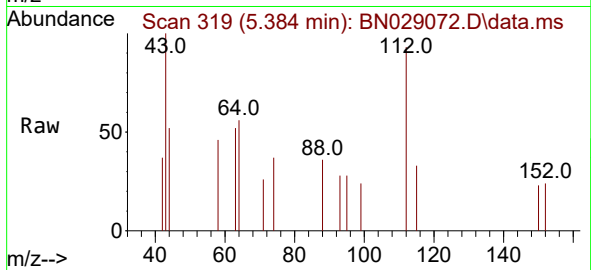




#4
2-Fluorophenol
Concen: 0.112 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.007 min
Lab File: BN029072.D
Acq: 07 Dec 2023 01:01

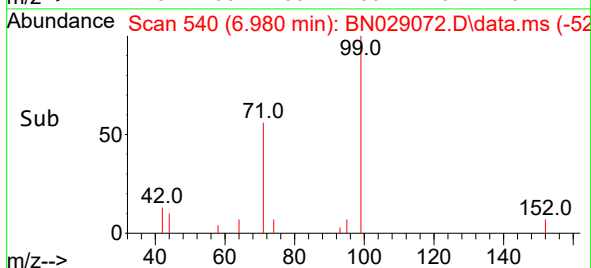
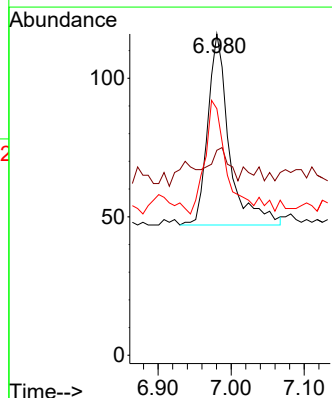
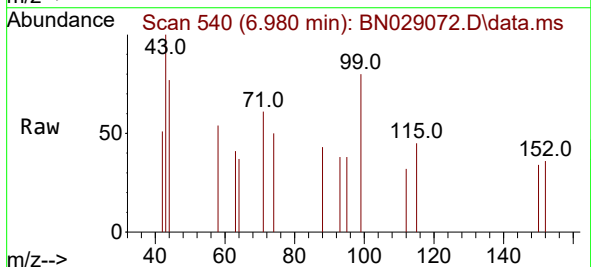
Instrument :
BNA_N
ClientSampleId :
P3874-SP2

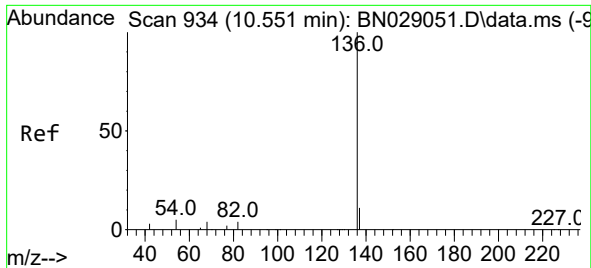
Tgt Ion:	112	Resp:	233
Ion	Ratio	Lower	Upper
112	100		
64	48.9	37.0	55.6
63	34.8	29.0	43.6



#5
Phenol-d6
Concen: 0.057 ng
RT: 6.980 min Scan# 540
Delta R.T. 0.000 min
Lab File: BN029072.D
Acq: 07 Dec 2023 01:01

Tgt Ion:	99	Resp:	141
Ion	Ratio	Lower	Upper
99	100		
42	13.5	13.4	20.2
71	57.4	47.8	71.6

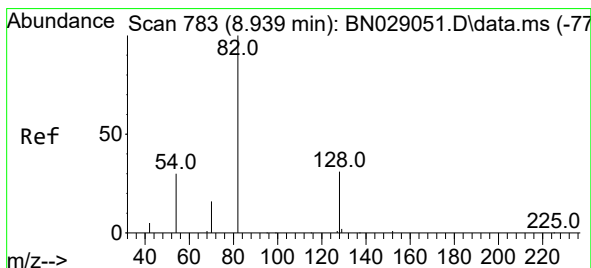
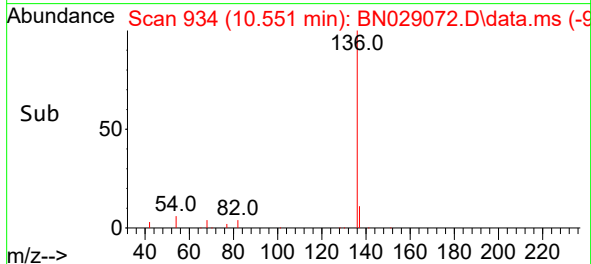
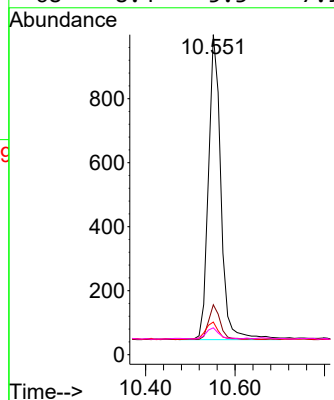
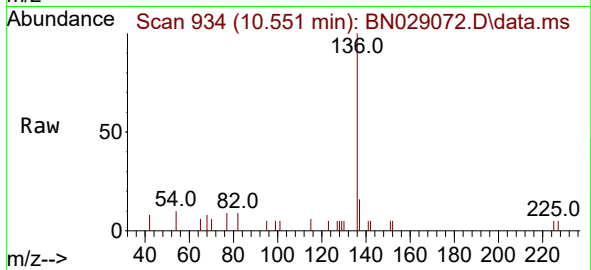




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.551 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN029072.D
Acq: 07 Dec 2023 01:01

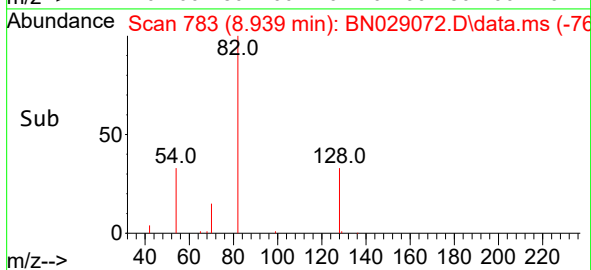
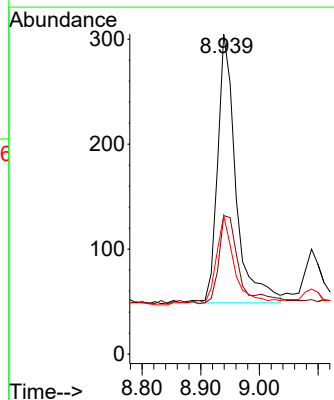
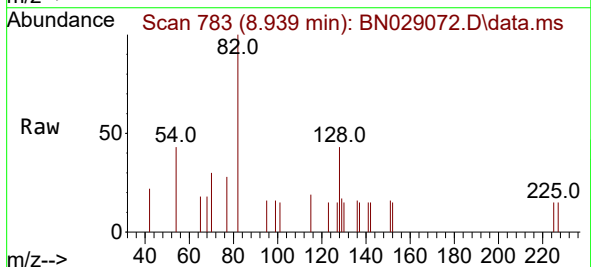
Instrument :
BNA_N
ClientSampleId :
P3874-SP2

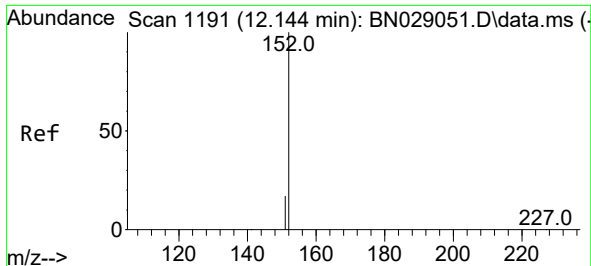
Tgt Ion:	136	Resp:	1833
Ion	Ratio	Lower	Upper
136	100		
137	15.6	11.9	17.9
54	10.2	6.4	9.6#
68	8.4	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.250 ng
RT: 8.939 min Scan# 783
Delta R.T. -0.000 min
Lab File: BN029072.D
Acq: 07 Dec 2023 01:01

Tgt Ion:	82	Resp:	552
Ion	Ratio	Lower	Upper
82	100		
128	43.3	28.2	42.4#
54	43.3	32.1	48.1

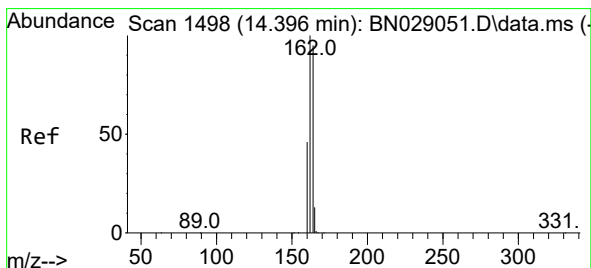
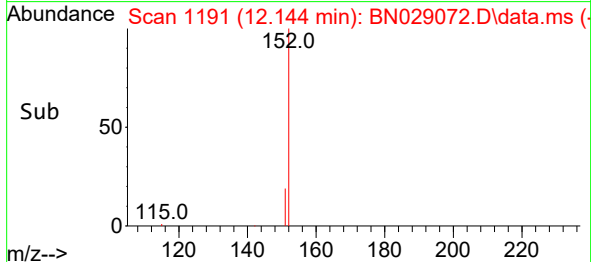
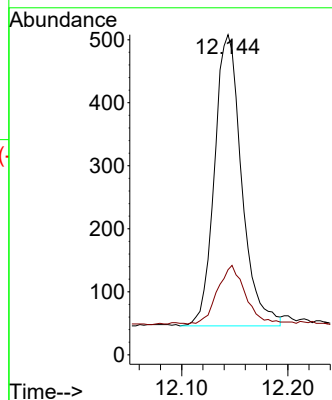
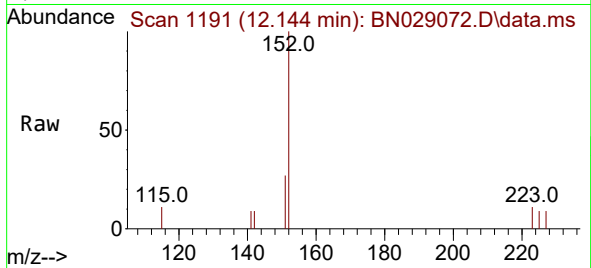




#11
2-Methylnaphthalene-d10
Concen: 0.214 ng
RT: 12.144 min Scan# 1191
Delta R.T. -0.004 min
Lab File: BN029072.D
Acq: 07 Dec 2023 01:01

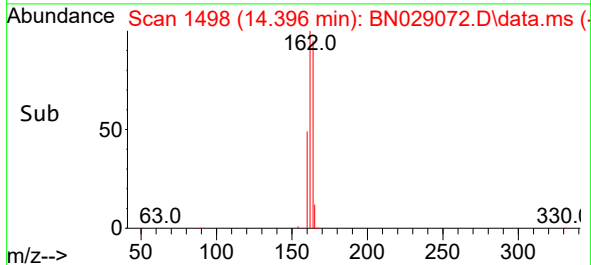
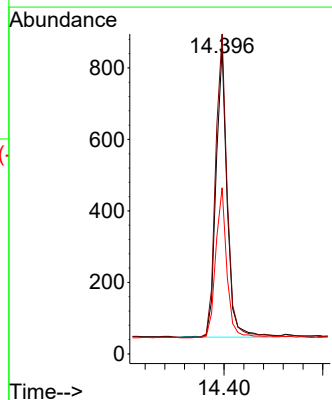
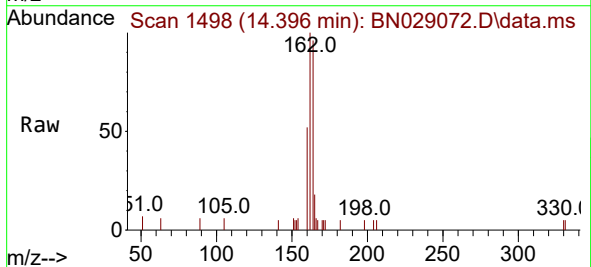
Instrument :
BNA_N
ClientSampleId :
P3874-SP2

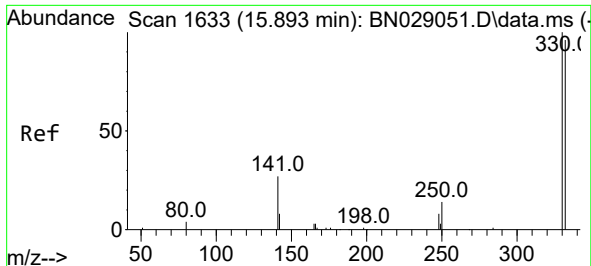
Tgt Ion:152 Resp: 824
Ion Ratio Lower Upper
152 100
151 20.8 17.4 26.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.396 min Scan# 1498
Delta R.T. -0.000 min
Lab File: BN029072.D
Acq: 07 Dec 2023 01:01

Tgt Ion:164 Resp: 1269
Ion Ratio Lower Upper
164 100
162 104.7 85.0 127.6
160 54.4 41.3 61.9

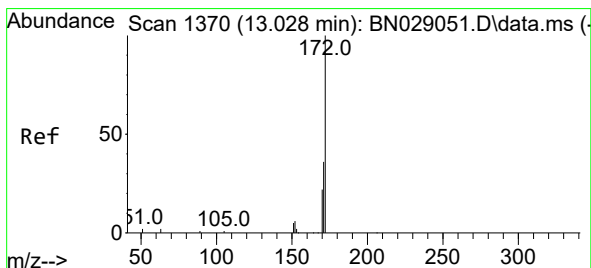
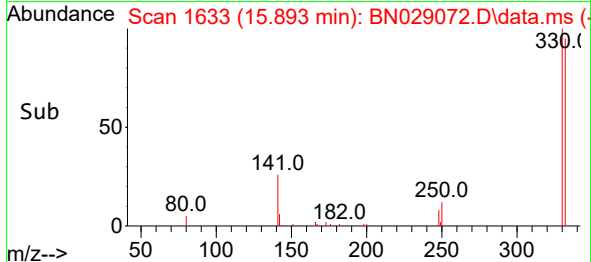
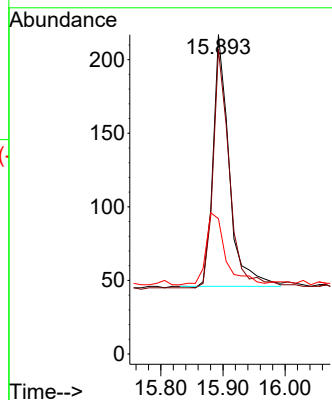
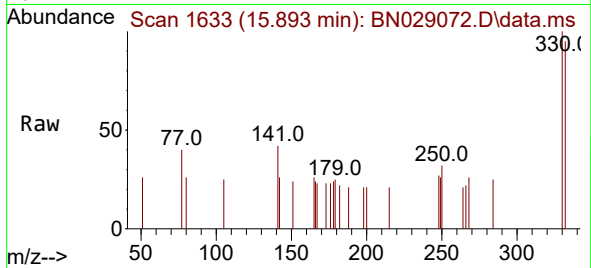




#14
2,4,6-Tribromophenol
Concen: 0.220 ng
RT: 15.893 min Scan# 1633
Delta R.T. 0.000 min
Lab File: BN029072.D
Acq: 07 Dec 2023 01:01

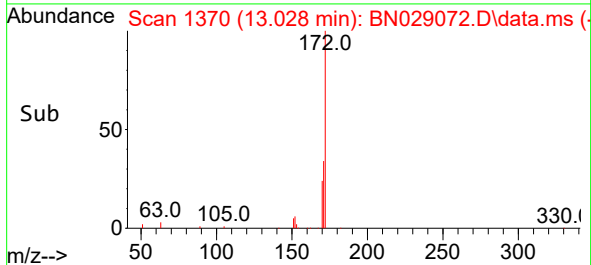
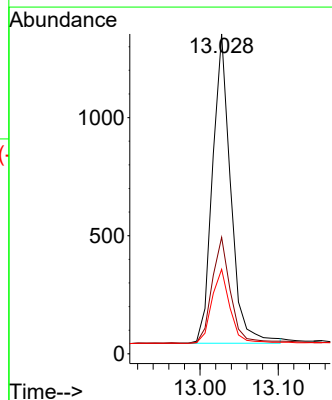
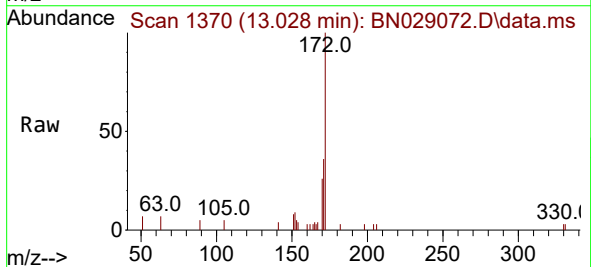
Instrument :
BNA_N
ClientSampleId :
P3874-SP2

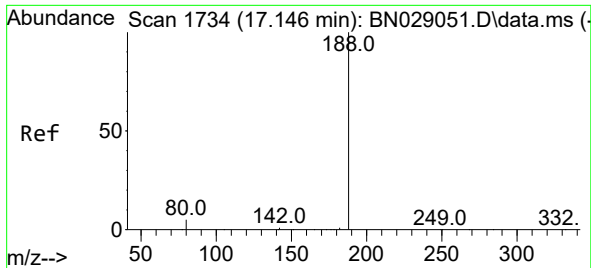
Tgt Ion:330 Resp: 308
Ion Ratio Lower Upper
330 100
332 96.4 78.8 118.2
141 35.1 28.7 43.1



#15
2-Fluorobiphenyl
Concen: 0.322 ng
RT: 13.028 min Scan# 1370
Delta R.T. -0.000 min
Lab File: BN029072.D
Acq: 07 Dec 2023 01:01

Tgt Ion:172 Resp: 2117
Ion Ratio Lower Upper
172 100
171 36.4 30.1 45.1
170 26.4 20.3 30.5

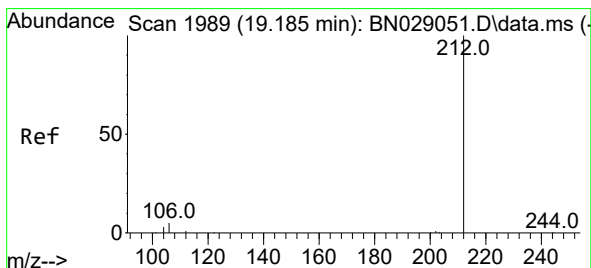
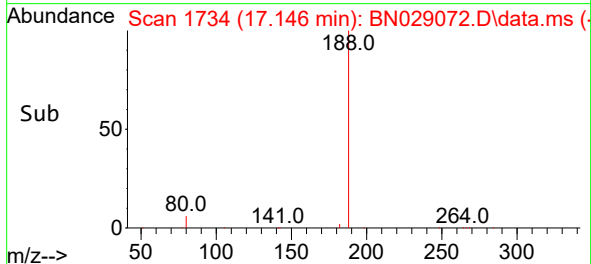
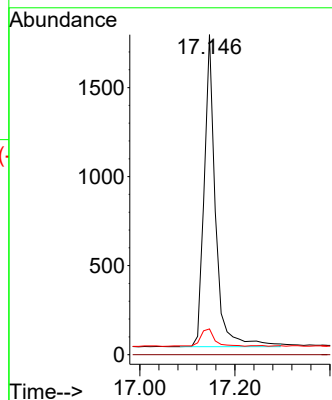
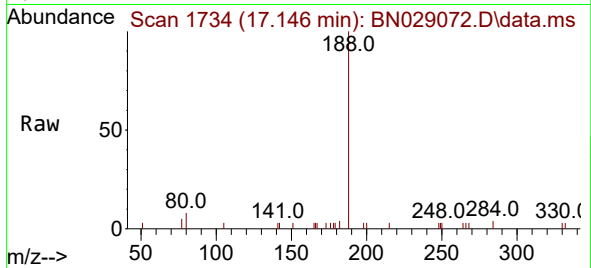




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.146 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN029072.D
Acq: 07 Dec 2023 01:01

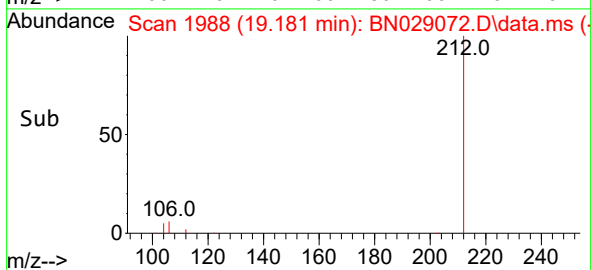
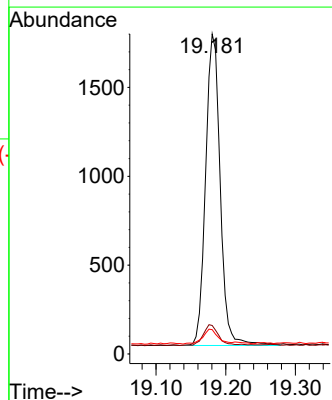
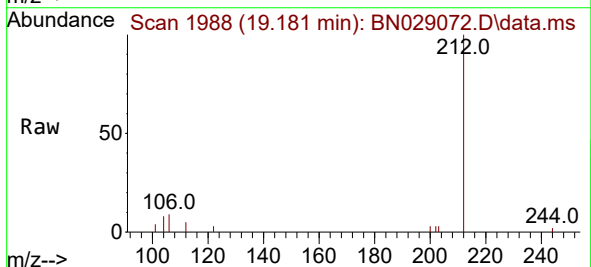
Instrument :
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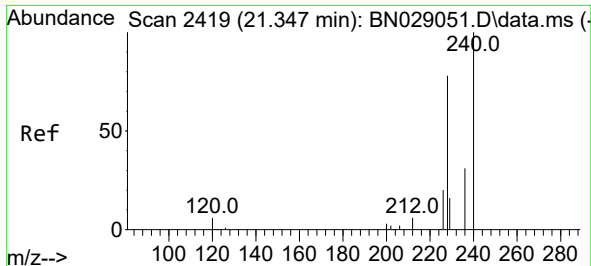
Tgt Ion:188 Resp: 2910
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.1 5.4 8.0#



#27
Fluoranthene-d10
Concen: 0.280 ng
RT: 19.181 min Scan# 1988
Delta R.T. -0.005 min
Lab File: BN029072.D
Acq: 07 Dec 2023 01:01

Tgt Ion:212 Resp: 2558
Ion Ratio Lower Upper
212 100
106 6.9 3.9 5.9#
104 4.9 2.6 3.8#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.347 min Scan# 2419

Delta R.T. 0.000 min

Lab File: BN029072.D

Acq: 07 Dec 2023 01:01

Instrument :

BNA_N

ClientSampleId :

P3874-SP2

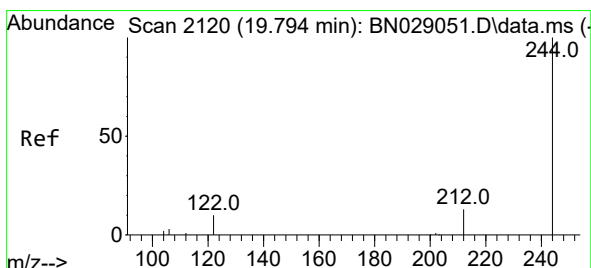
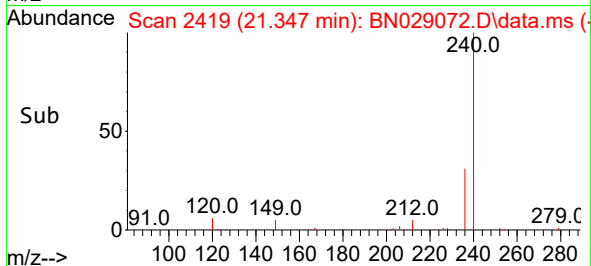
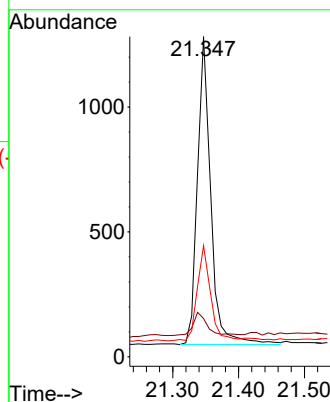
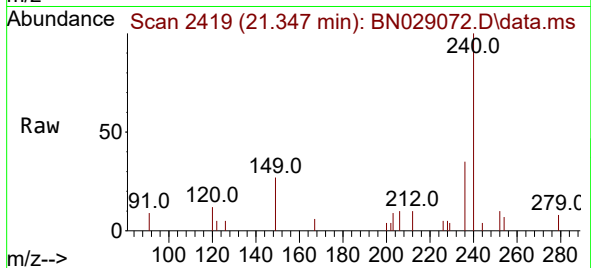
Tgt Ion:240 Resp: 1740

Ion Ratio Lower Upper

240 100

120 11.9 6.7 10.1#

236 34.7 25.7 38.5



#31

Terphenyl-d14

Concen: 0.468 ng

RT: 19.789 min Scan# 2119

Delta R.T. -0.005 min

Lab File: BN029072.D

Acq: 07 Dec 2023 01:01

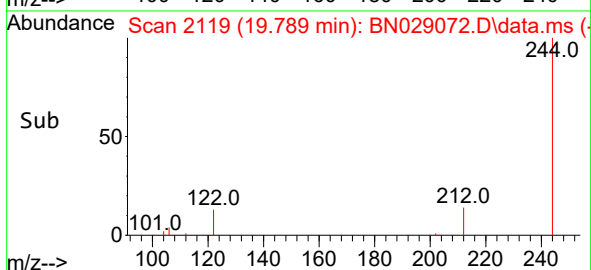
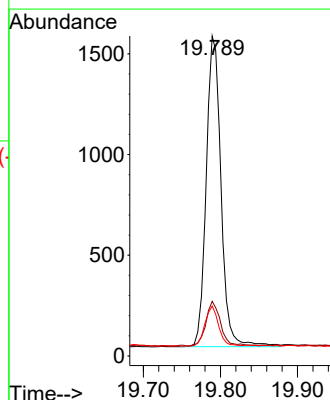
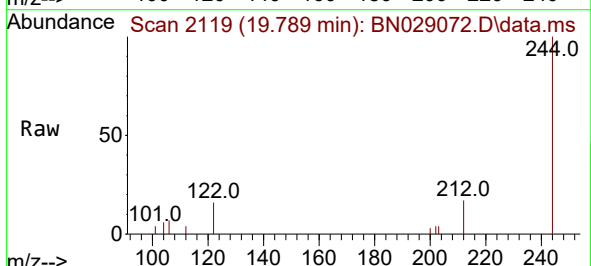
Tgt Ion:244 Resp: 2062

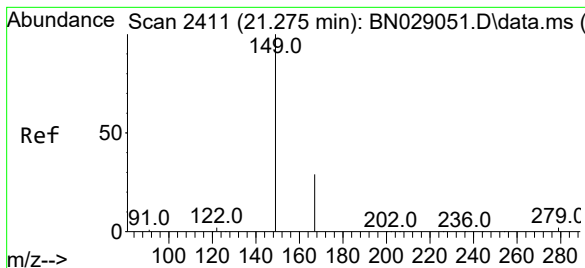
Ion Ratio Lower Upper

244 100

212 17.1 11.6 17.4

122 15.6 8.2 12.4#

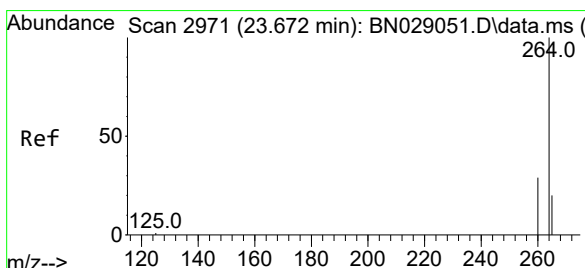
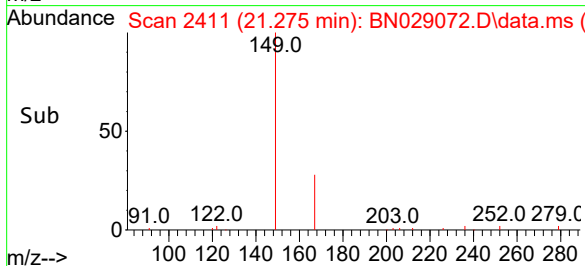
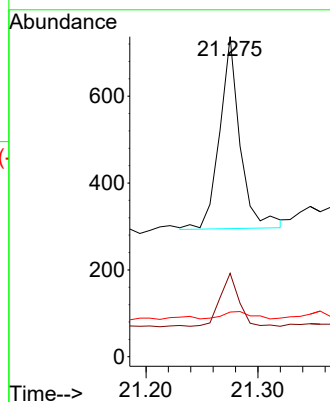
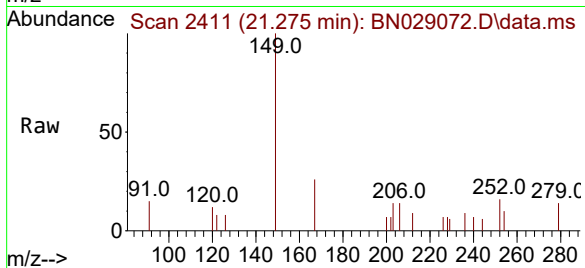




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.103 ng
 RT: 21.275 min Scan# 2411
 Delta R.T. 0.000 min
 Lab File: BN029072.D
 Acq: 07 Dec 2023 01:01

Instrument :
 BNA_N
 ClientSampleId :
 P3874-SP2

Tgt Ion:149 Resp: 561
 Ion Ratio Lower Upper
 149 100
 167 26.6 23.4 35.2
 279 5.5 3.4 5.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.669 min Scan# 2970
 Delta R.T. 0.000 min
 Lab File: BN029072.D
 Acq: 07 Dec 2023 01:01

Tgt Ion:264 Resp: 1749
 Ion Ratio Lower Upper
 264 100
 260 31.2 23.9 35.9
 265 93.3 52.7 79.1#

