

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120623\
 Data File : BN029084.D
 Acq On : 07 Dec 2023 09:27
 Operator : MA/JU
 Sample : 05551-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP11272023

Quant Time: Dec 07 09:56:02 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)

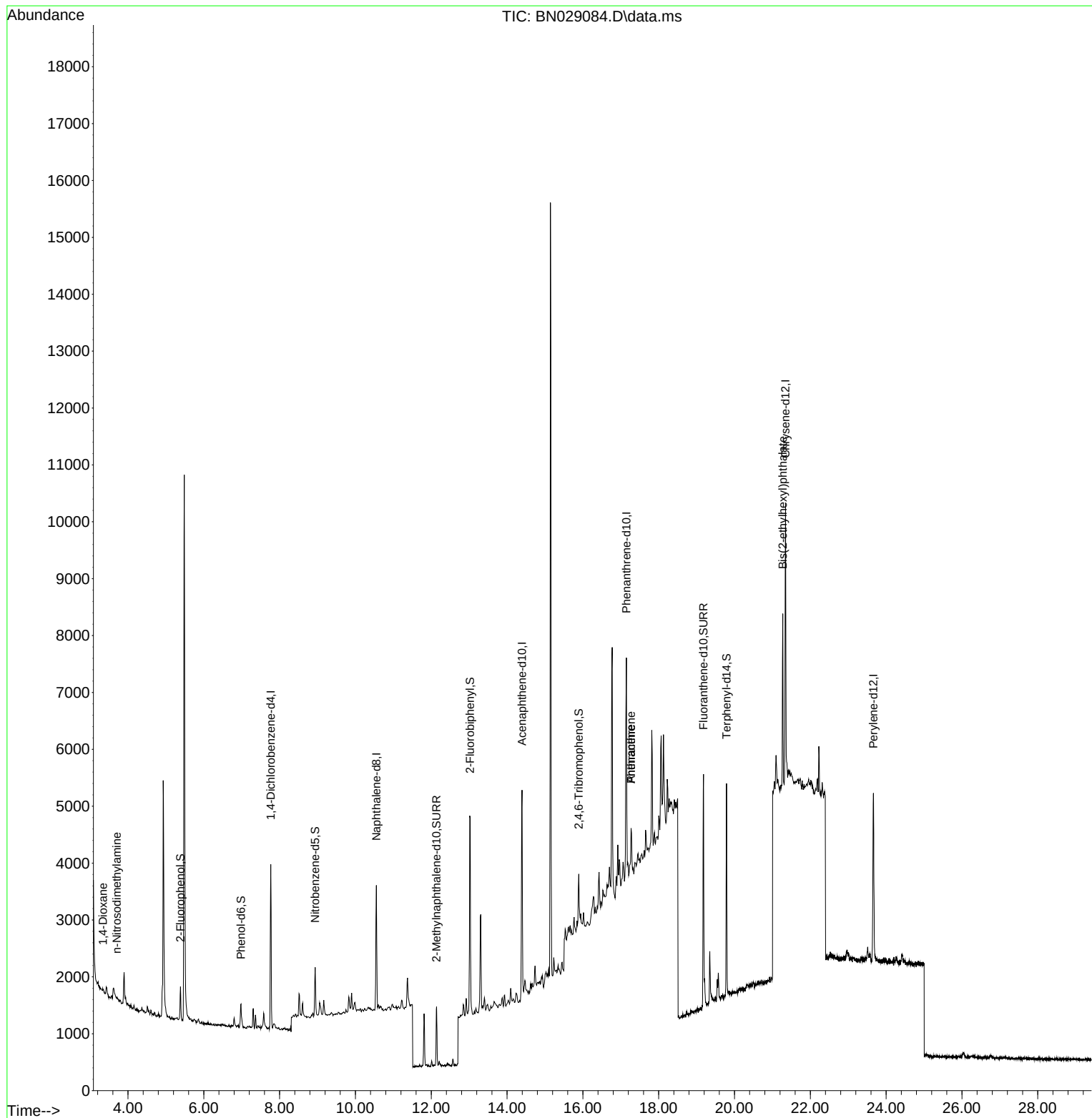
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.767	152	1424	0.400	ng	0.00
7) Naphthalene-d8	10.551	136	2985	0.400	ng	-0.01
13) Acenaphthene-d10	14.396	164	2222	0.400	ng	0.00
19) Phenanthrene-d10	17.146	188	5622	0.400	ng	# 0.00
29) Chrysene-d12	21.346	240	4384	0.400	ng	# 0.00
35) Perylene-d12	23.663	264	3826	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	464	0.144	ng	0.00
5) Phenol-d6	6.980	99	390	0.101	ng	0.00
8) Nitrobenzene-d5	8.939	82	886	0.246	ng	0.00
11) 2-Methylnaphthalene-d10	12.140	152	1393	0.222	ng	0.00
14) 2,4,6-Tribromophenol	15.892	330	611	0.249	ng	0.00
15) 2-Fluorobiphenyl	13.027	172	3378	0.294	ng	0.00
27) Fluoranthene-d10	19.180	212	5074	0.287	ng	0.00
31) Terphenyl-d14	19.789	244	3533	0.318	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.340	88	53	0.046	ng	# 82
3) n-Nitrosodimethylamine	3.701	42	39	0.056	ng	# 16
25) Phenanthrene	17.270	178	1029	0.055	ng	100
26) Anthracene	17.270	178	1029	0.057	ng	99
34) Bis(2-ethylhexyl)phtha...	21.275	149	2957	0.216	ng	95

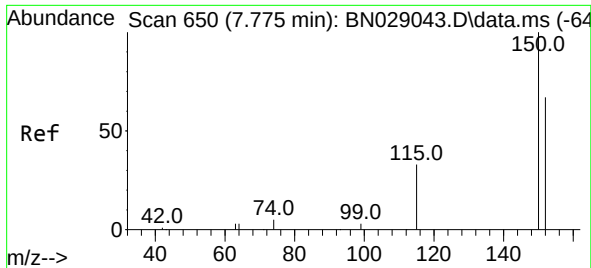
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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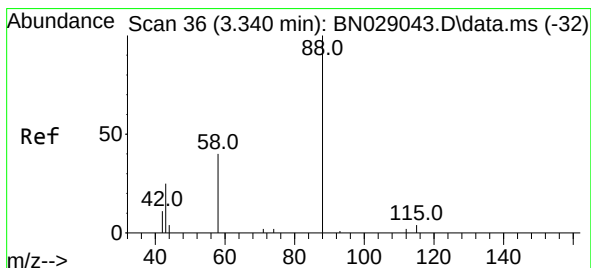
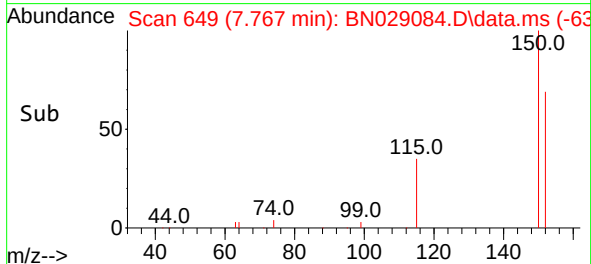
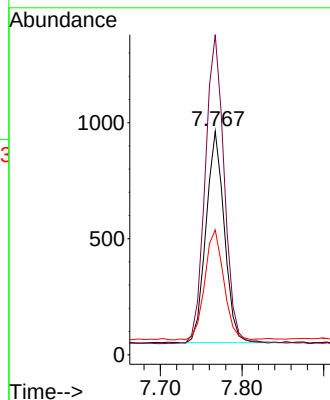
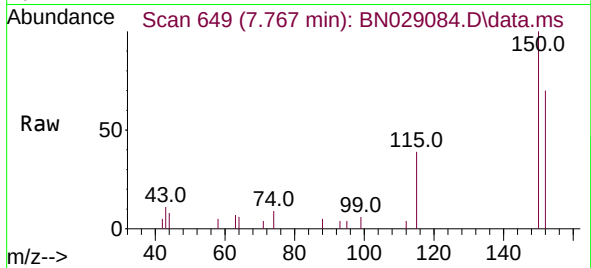




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.767 min Scan# 649
 Delta R.T. -0.008 min
 Lab File: BN029084.D
 Acq: 07 Dec 2023 09:27

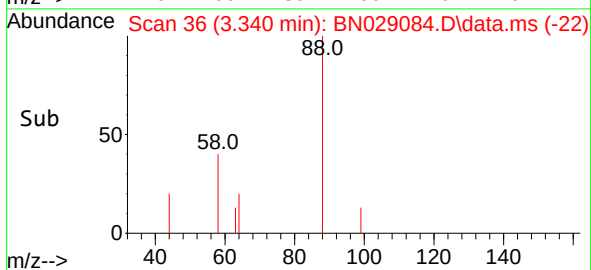
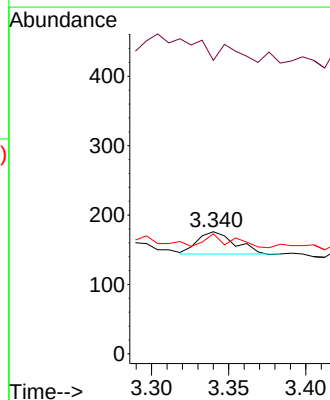
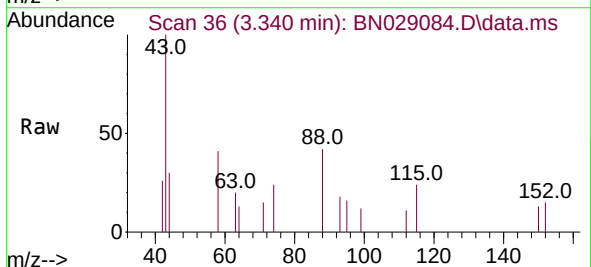
Instrument :
 BNA_N
 ClientSampleId :
 DUP11272023

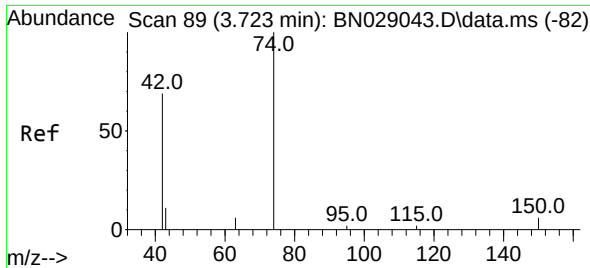
Tgt Ion:152 Resp: 1424
 Ion Ratio Lower Upper
 152 100
 150 143.2 116.2 174.4
 115 55.9 45.1 67.7



#2
 1,4-Dioxane
 Concen: 0.046 ng
 RT: 3.340 min Scan# 36
 Delta R.T. -0.000 min
 Lab File: BN029084.D
 Acq: 07 Dec 2023 09:27

Tgt Ion: 88 Resp: 53
 Ion Ratio Lower Upper
 88 100
 43 0.0 15.6 23.4#
 58 45.3 33.2 49.8

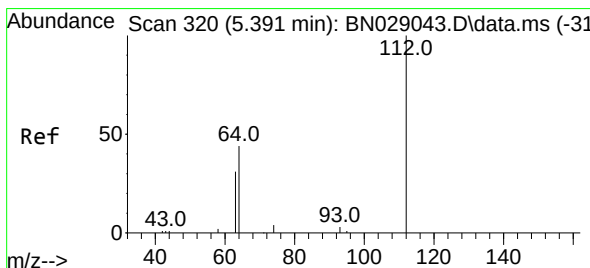
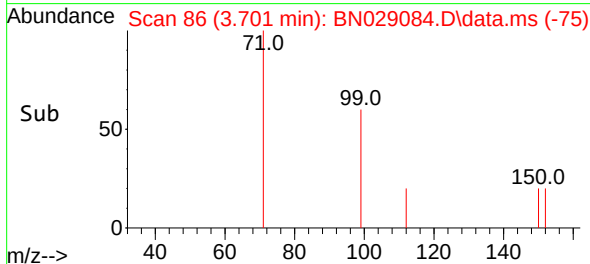
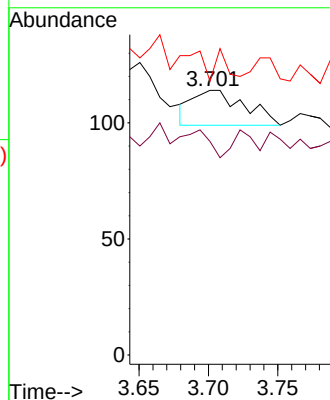
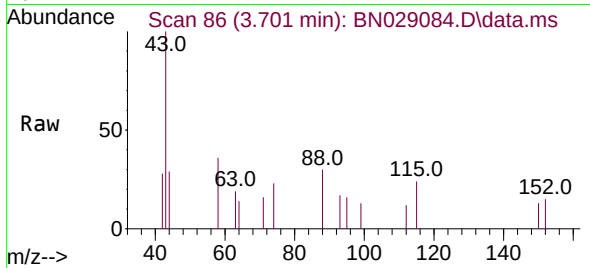




#3
 n-Nitrosodimethylamine
 Concen: 0.056 ng
 RT: 3.701 min Scan# 80
 Delta R.T. -0.022 min
 Lab File: BN029084.D
 Acq: 07 Dec 2023 09:27

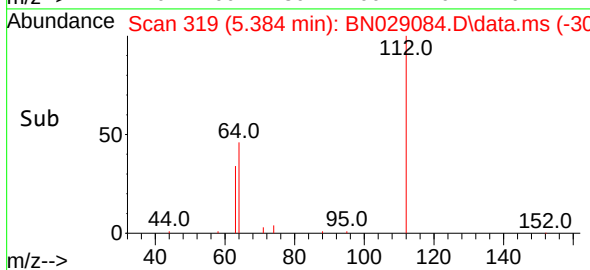
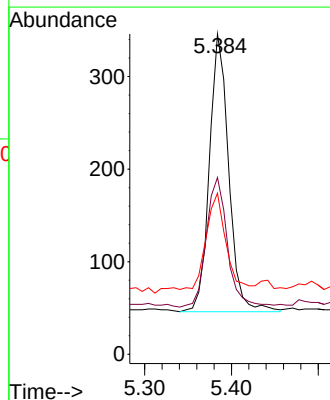
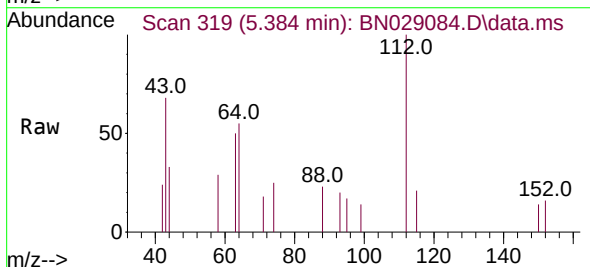
Instrument :
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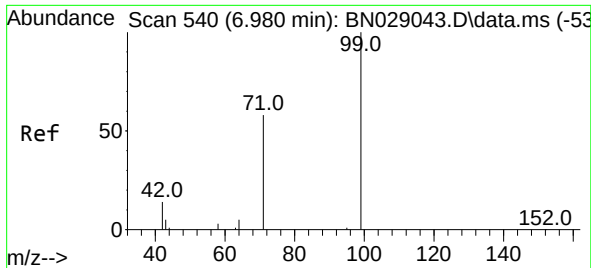
Tgt Ion: 42 Resp: 39
 Ion Ratio Lower Upper
 42 100
 74 33.3 106.3 159.5#
 44 0.0 0.0 0.0



#4
 2-Fluorophenol
 Concen: 0.144 ng
 RT: 5.384 min Scan# 319
 Delta R.T. -0.008 min
 Lab File: BN029084.D
 Acq: 07 Dec 2023 09:27

Tgt Ion: 112 Resp: 464
 Ion Ratio Lower Upper
 112 100
 64 51.3 37.0 55.6
 63 37.3 29.0 43.6

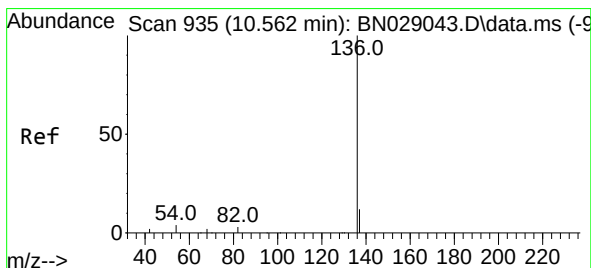
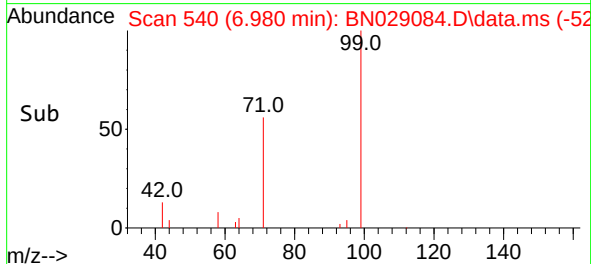
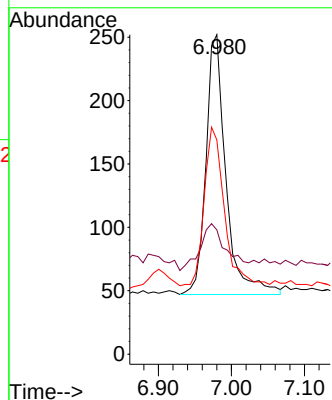
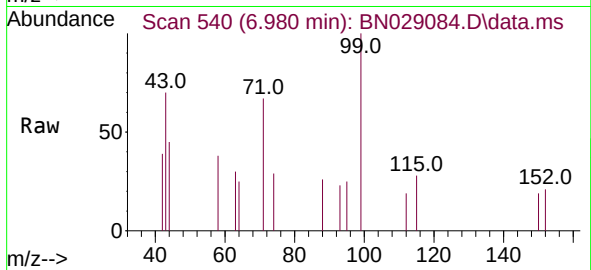




#5
Phenol-d6
Concen: 0.101 ng
RT: 6.980 min Scan# 540
Delta R.T. -0.000 min
Lab File: BN029084.D
Acq: 07 Dec 2023 09:27

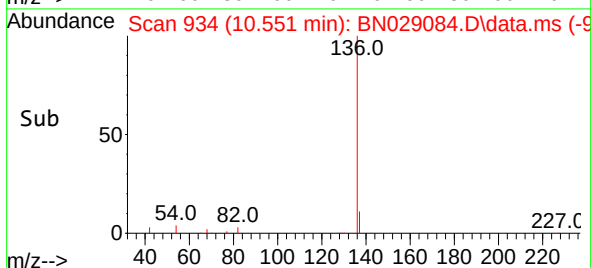
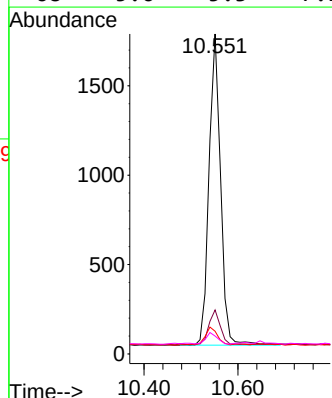
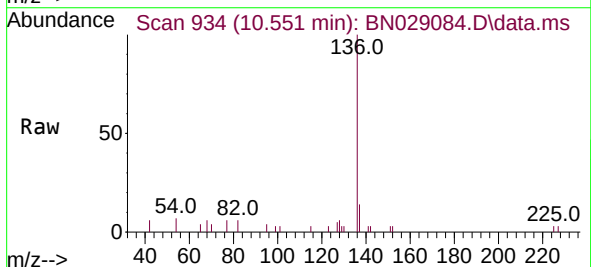
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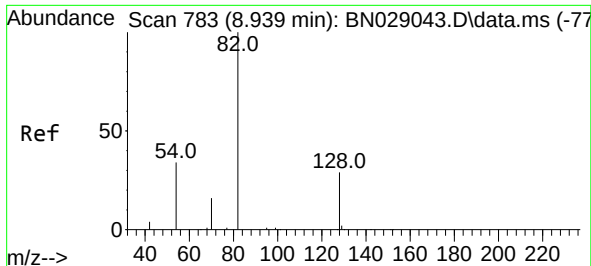
Tgt Ion: 99 Resp: 390
Ion Ratio Lower Upper
99 100
42 23.3 13.4 20.2#
71 60.8 47.8 71.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.551 min Scan# 934
Delta R.T. -0.011 min
Lab File: BN029084.D
Acq: 07 Dec 2023 09:27

Tgt Ion: 136 Resp: 2985
Ion Ratio Lower Upper
136 100
137 13.7 11.9 17.9
54 7.1 6.4 9.6
68 5.6 5.3 7.9

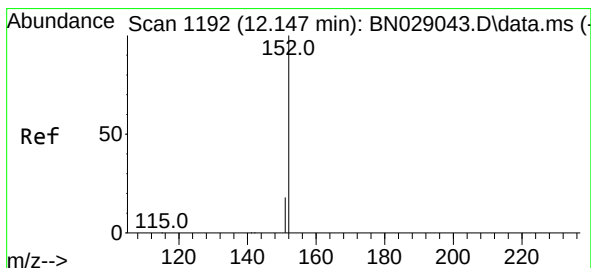
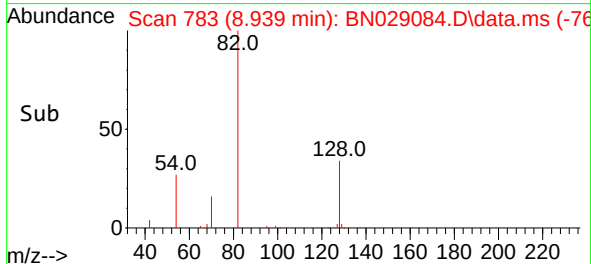
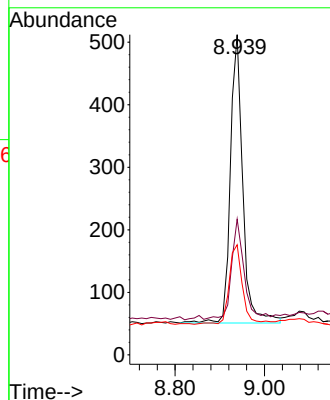
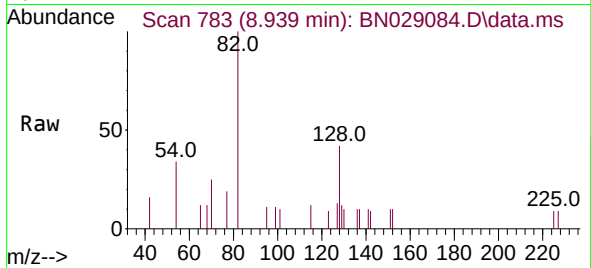




#8
 Nitrobenzene-d5
 Concen: 0.246 ng
 RT: 8.939 min Scan# 783
 Delta R.T. -0.000 min
 Lab File: BN029084.D
 Acq: 07 Dec 2023 09:27

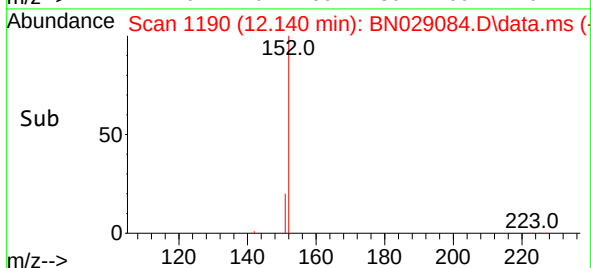
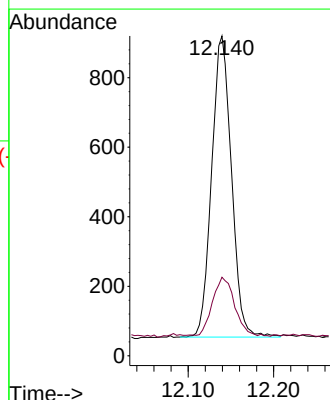
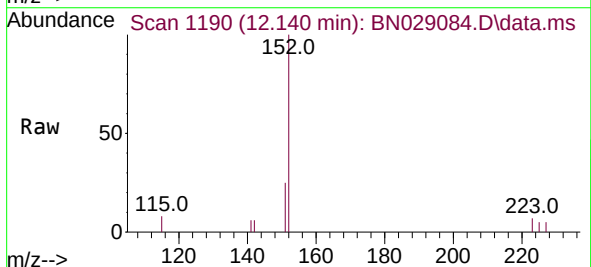
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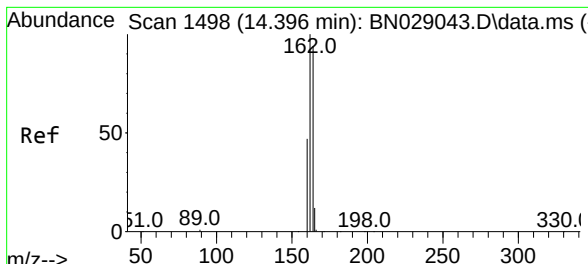
Tgt Ion: 82 Resp: 886
 Ion Ratio Lower Upper
 82 100
 128 42.4 28.2 42.4#
 54 34.4 32.1 48.1



#11
 2-Methylnaphthalene-d10
 Concen: 0.222 ng
 RT: 12.140 min Scan# 1190
 Delta R.T. -0.008 min
 Lab File: BN029084.D
 Acq: 07 Dec 2023 09:27

Tgt Ion: 152 Resp: 1393
 Ion Ratio Lower Upper
 152 100
 151 22.3 17.4 26.0

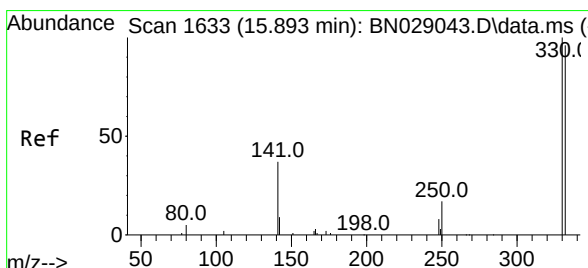
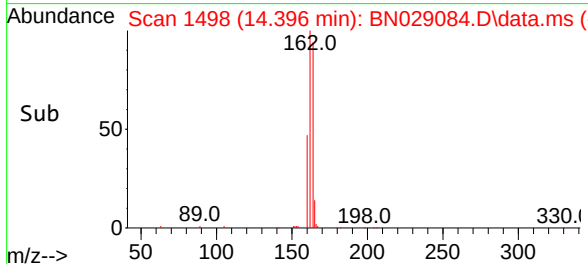
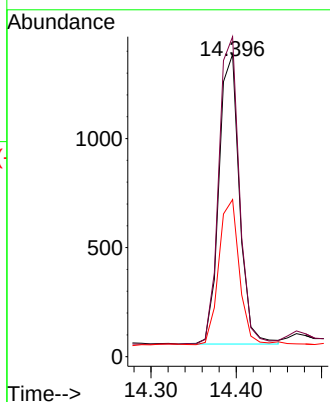
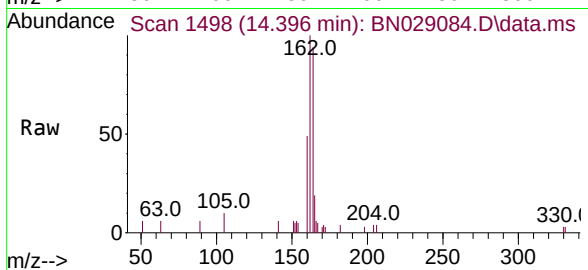




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.396 min Scan# 1498
 Delta R.T. -0.000 min
 Lab File: BN029084.D
 Acq: 07 Dec 2023 09:27

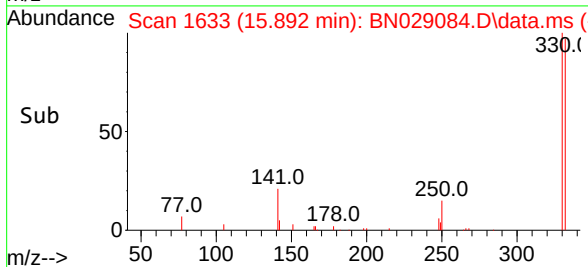
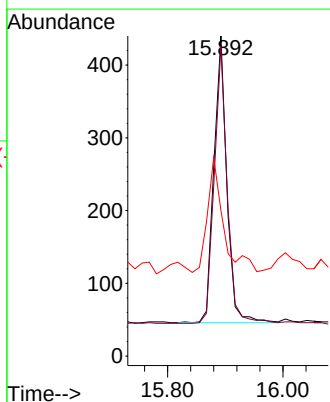
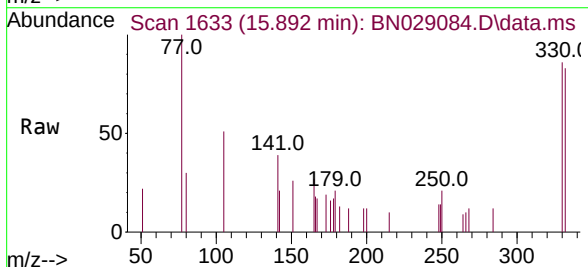
Instrument :
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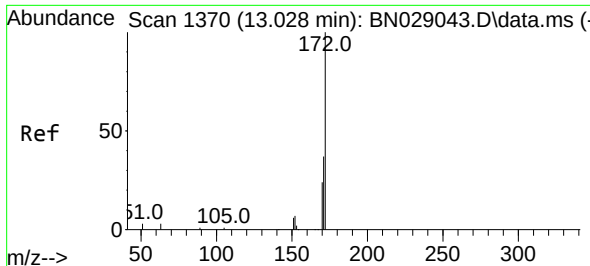
Tgt Ion:	164	Resp:	2222
Ion	Ratio	Lower	Upper
164	100		
162	105.8	85.0	127.6
160	51.9	41.3	61.9



#14
 2,4,6-Tribromophenol
 Concen: 0.249 ng
 RT: 15.892 min Scan# 1633
 Delta R.T. -0.000 min
 Lab File: BN029084.D
 Acq: 07 Dec 2023 09:27

Tgt Ion:	330	Resp:	611
Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.8	118.2
141	49.4	28.7	43.1

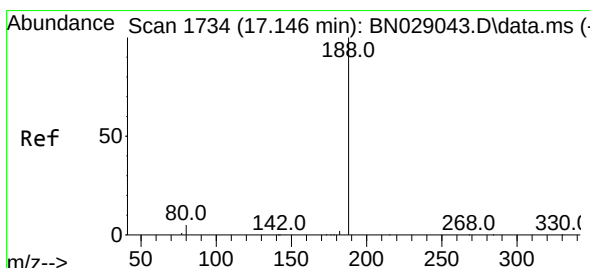
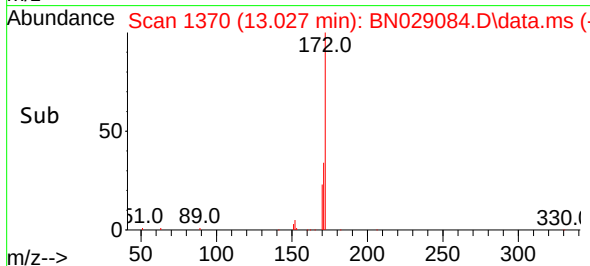
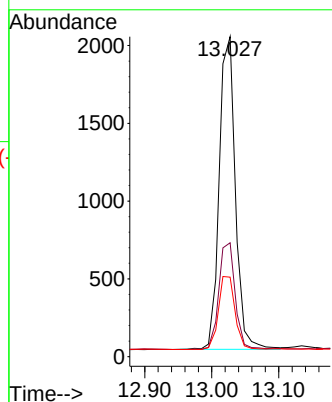
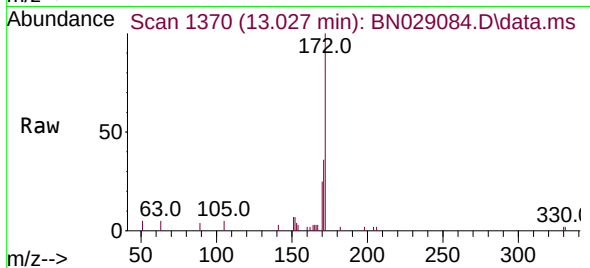




#15
2-Fluorobiphenyl
Concen: 0.294 ng
RT: 13.027 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN029084.D
Acq: 07 Dec 2023 09:27

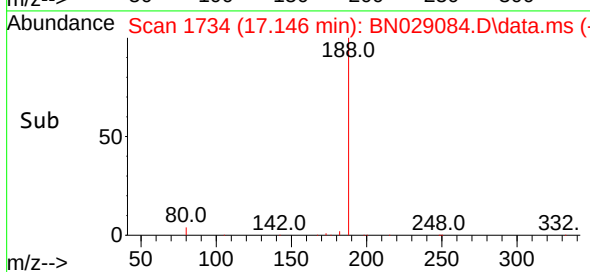
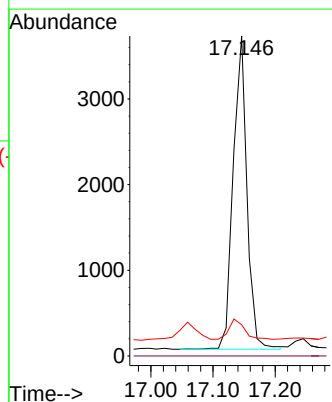
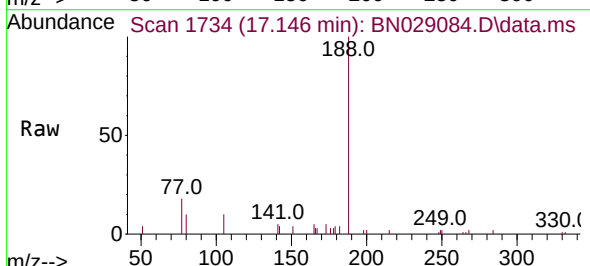
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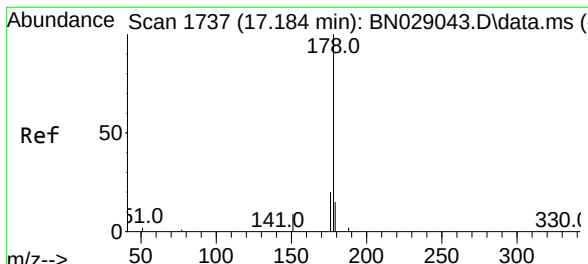
Tgt Ion:172 Resp: 3378
Ion Ratio Lower Upper
172 100
171 35.6 30.1 45.1
170 24.8 20.3 30.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.146 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BN029084.D
Acq: 07 Dec 2023 09:27

Tgt Ion:188 Resp: 5622
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 5.4 8.0#

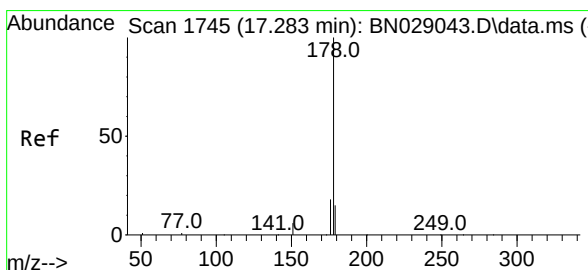
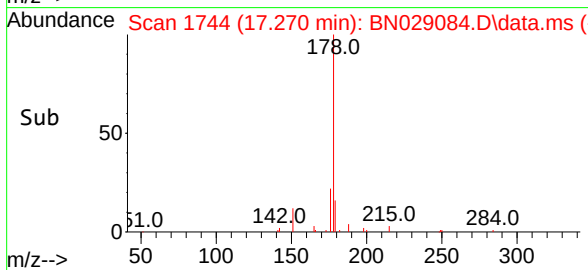
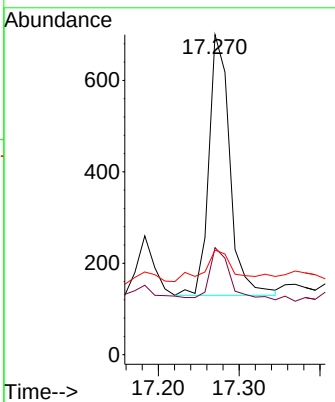
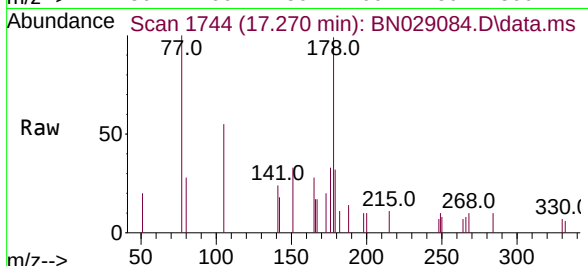




#25
 Phenanthrene
 Concen: 0.055 ng
 RT: 17.270 min Scan# 1744
 Delta R.T. 0.087 min
 Lab File: BN029084.D
 Acq: 07 Dec 2023 09:27

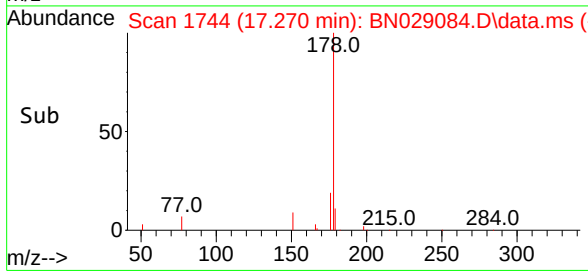
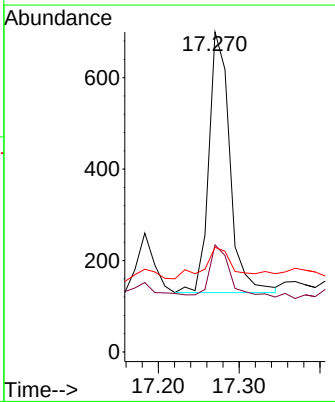
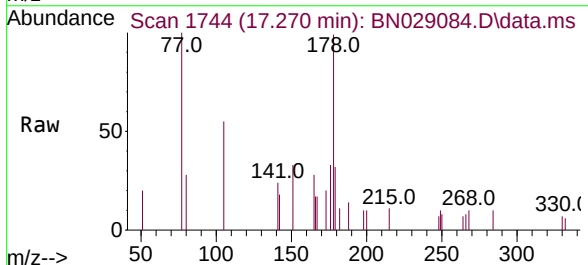
Instrument :
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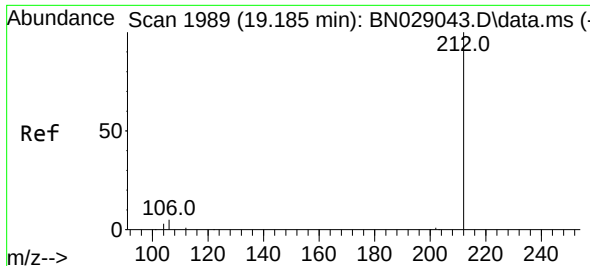
Tgt Ion:	178	Resp:	1029
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	16.0	12.6	18.8



#26
 Anthracene
 Concen: 0.057 ng
 RT: 17.270 min Scan# 1744
 Delta R.T. -0.013 min
 Lab File: BN029084.D
 Acq: 07 Dec 2023 09:27

Tgt Ion:	178	Resp:	1029
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.0	22.4
179	16.0	12.6	19.0

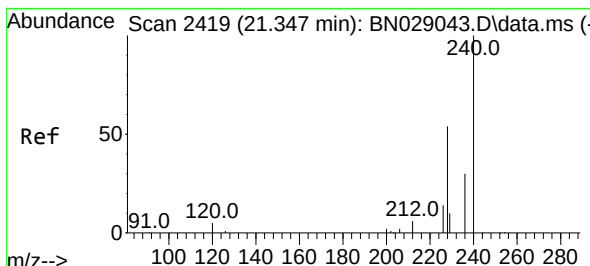
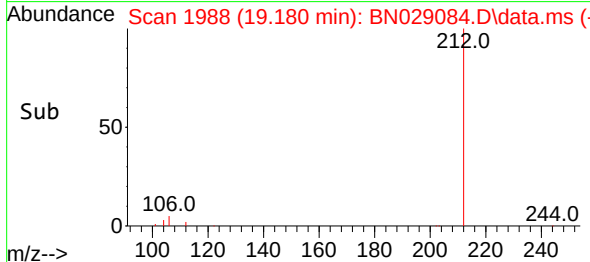
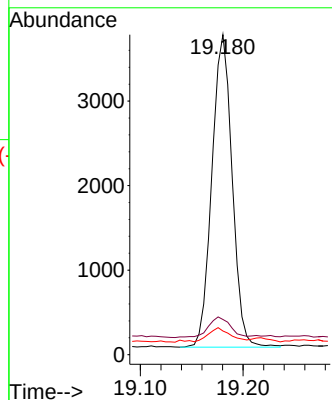
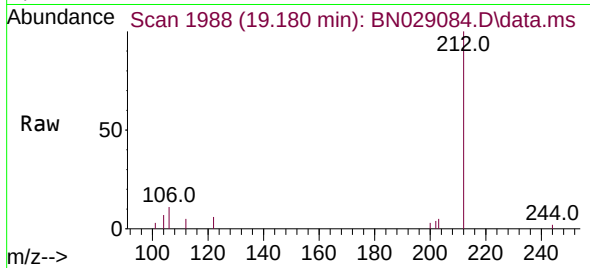




#27
Fluoranthene-d10
Concen: 0.287 ng
RT: 19.180 min Scan# 1988
Delta R.T. -0.005 min
Lab File: BN029084.D
Acq: 07 Dec 2023 09:27

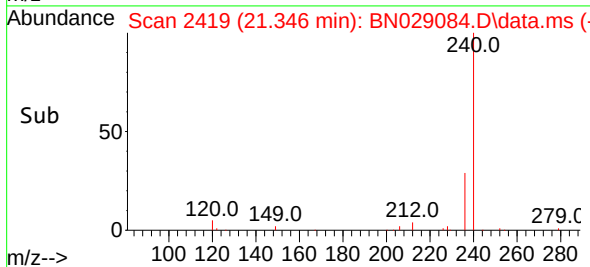
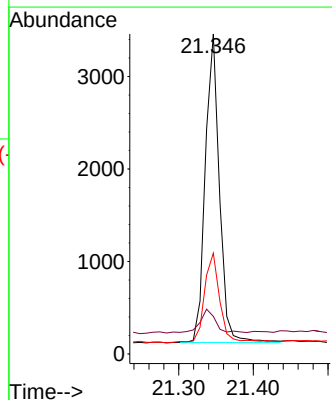
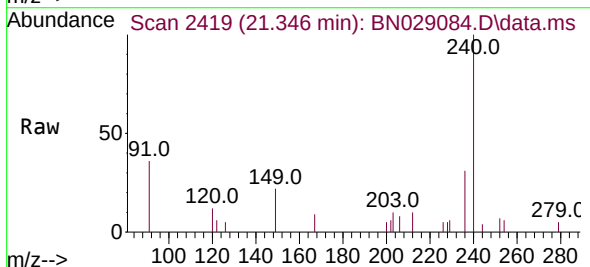
Instrument :
BNA_N
ClientSampleId :
DUP11272023

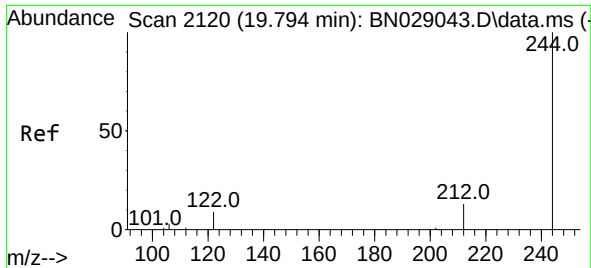
Tgt Ion:212 Resp: 5074
Ion Ratio Lower Upper
212 100
106 7.1 3.9 5.9#
104 4.6 2.6 3.8#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.346 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BN029084.D
Acq: 07 Dec 2023 09:27

Tgt Ion:240 Resp: 4384
Ion Ratio Lower Upper
240 100
120 11.7 6.7 10.1#
236 31.5 25.7 38.5

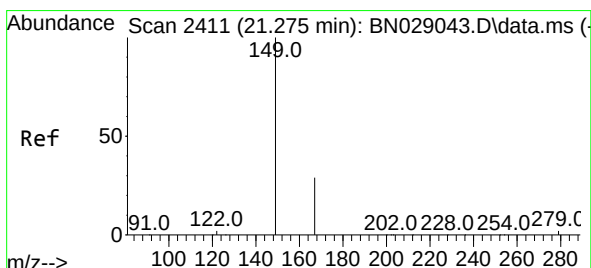
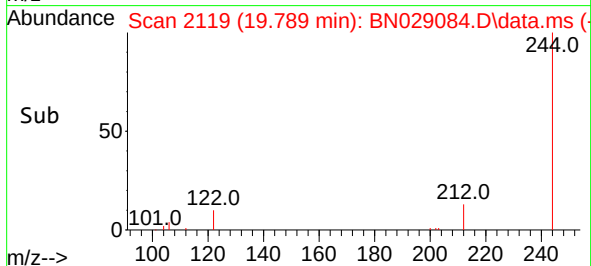
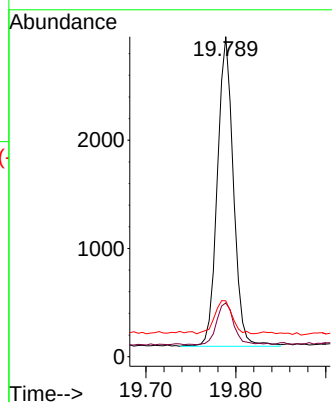
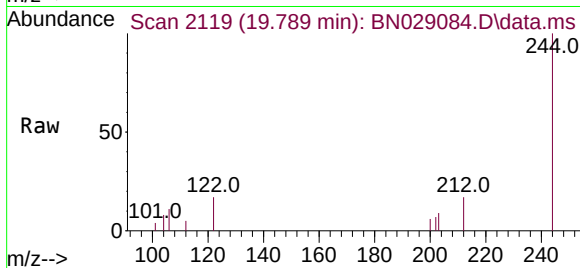




#31
 Terphenyl-d14
 Concen: 0.318 ng
 RT: 19.789 min Scan# 2119
 Delta R.T. -0.005 min
 Lab File: BN029084.D
 Acq: 07 Dec 2023 09:27

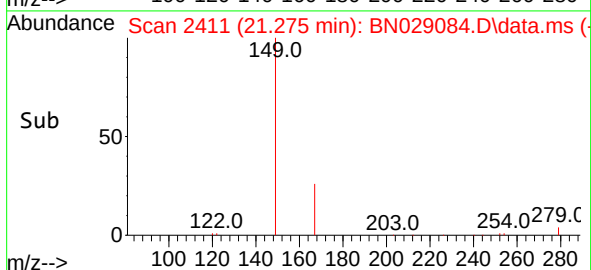
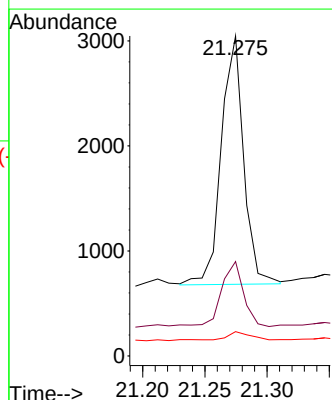
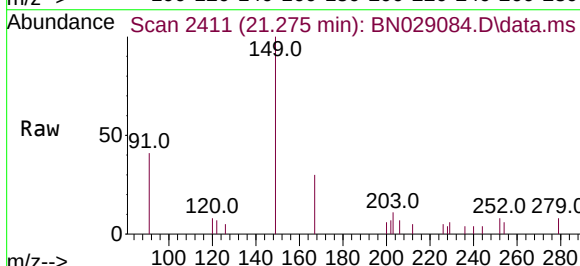
Instrument :
 BNA_N
 ClientSampleId :
 DUP11272023

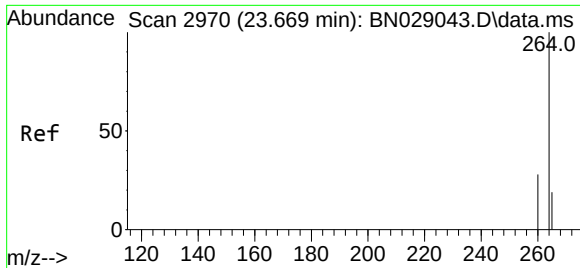
Tgt Ion:244 Resp: 3533
 Ion Ratio Lower Upper
 244 100
 212 16.8 11.6 17.4
 122 17.5 8.2 12.4#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.216 ng
 RT: 21.275 min Scan# 2411
 Delta R.T. -0.000 min
 Lab File: BN029084.D
 Acq: 07 Dec 2023 09:27

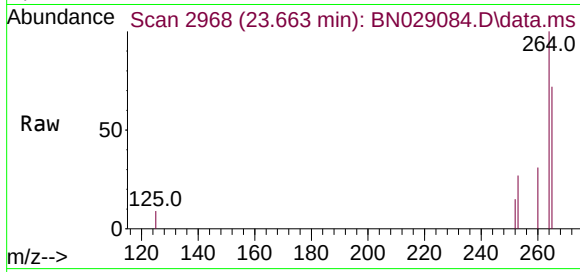
Tgt Ion:149 Resp: 2957
 Ion Ratio Lower Upper
 149 100
 167 26.3 23.4 35.2
 279 5.0 3.4 5.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.663 min Scan# 2970
Delta R.T. -0.006 min
Lab File: BN029084.D
Acq: 07 Dec 2023 09:27

Instrument :
BNA_N
ClientSampleId :
DUP11272023



Tgt Ion:264 Resp: 3826

Ion	Ratio	Lower	Upper
264	100		
260	31.1	23.9	35.9
265	72.2	52.7	79.1

