

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120723\
 Data File : BN029107.D
 Acq On : 08 Dec 2023 00:55
 Operator : MA/JU
 Sample : 05404-24DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP02-20231109DL

Quant Time: Dec 08 01:23:39 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)

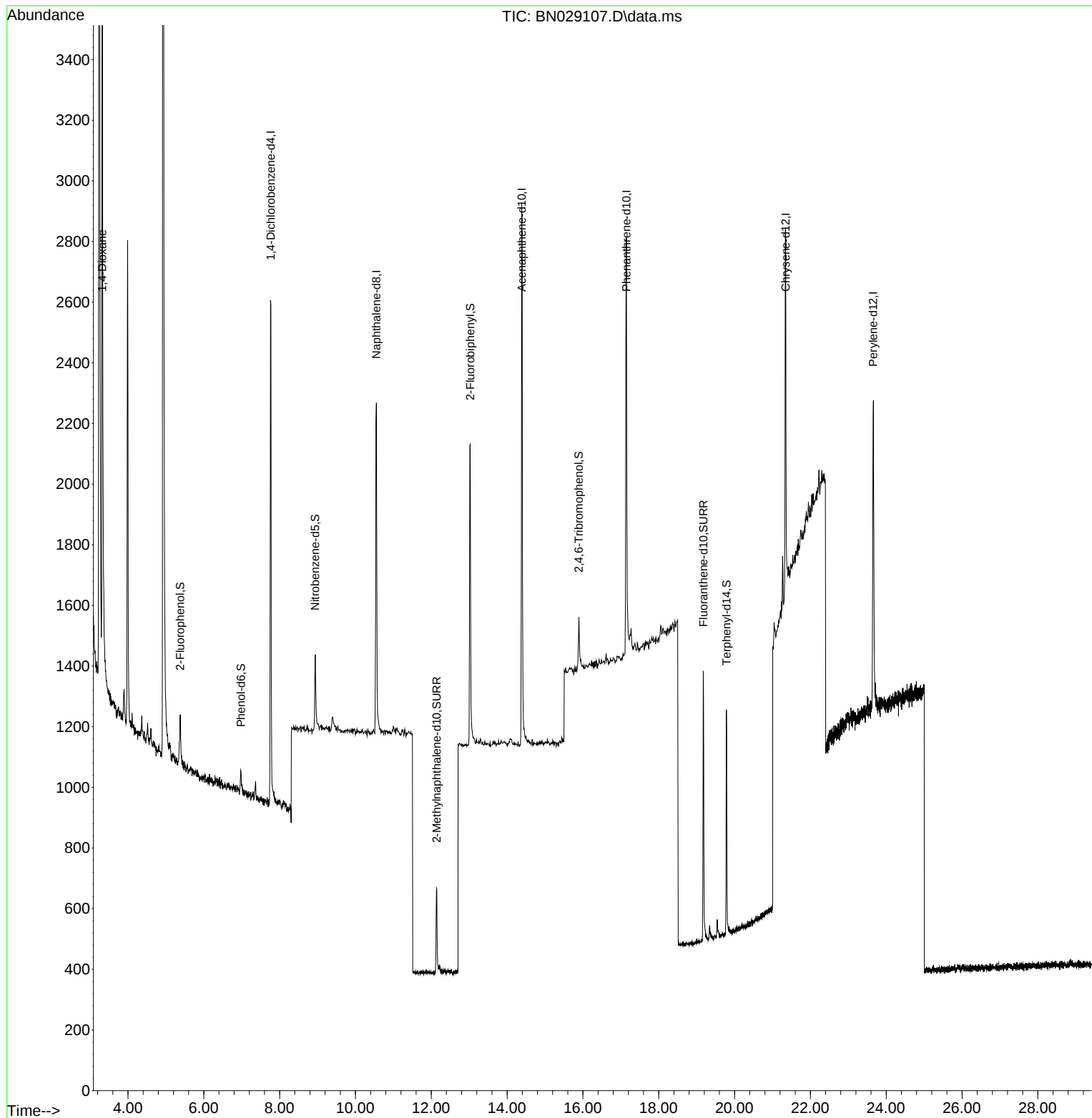
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	863	0.400	ng	0.00
7) Naphthalene-d8	10.551	136	1703	0.400	ng	-0.01
13) Acenaphthene-d10	14.385	164	1174	0.400	ng	-0.01
19) Phenanthrene-d10	17.146	188	2428	0.400	ng	# 0.00
29) Chrysene-d12	21.347	240	1380	0.400	ng	# 0.00
35) Perylene-d12	23.655	264	1536	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.377	112	129	0.066	ng	-0.01
5) Phenol-d6	6.980	99	88	0.038	ng	0.00
8) Nitrobenzene-d5	8.939	82	288	0.140	ng	0.00
11) 2-Methylnaphthalene-d10	12.140	152	449	0.126	ng	0.00
14) 2,4,6-Tribromophenol	15.893	330	120	0.093	ng	0.00
15) 2-Fluorobiphenyl	13.028	172	1084	0.178	ng	0.00
27) Fluoranthene-d10	19.176	212	1116	0.146	ng	0.00
31) Terphenyl-d14	19.785	244	752	0.215	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.319	88	2690	3.871	ng	Qvalue 99

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

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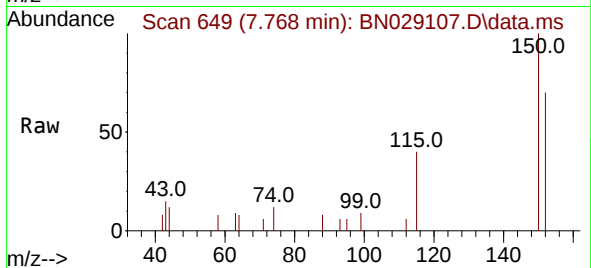
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 00:49:47 2023
Response via : Initial Calibration





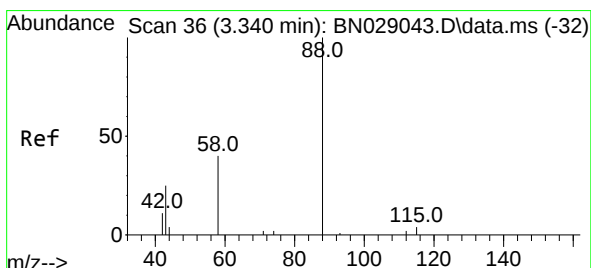
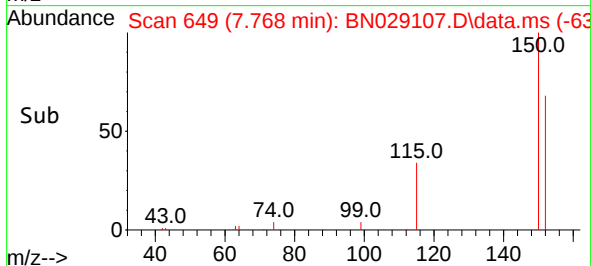
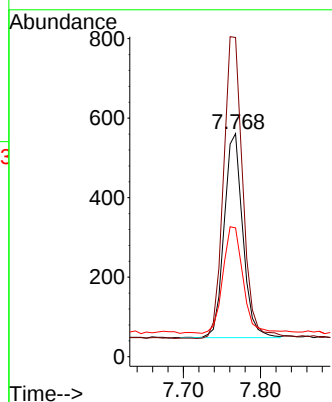
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.768 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN029107.D
 Acq: 08 Dec 2023 00:55

Instrument :
 BNA_N
 ClientSampleId :
 DUP02-20231109DL



Tgt Ion:152 Resp: 863

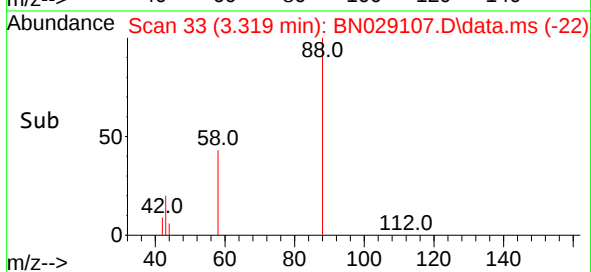
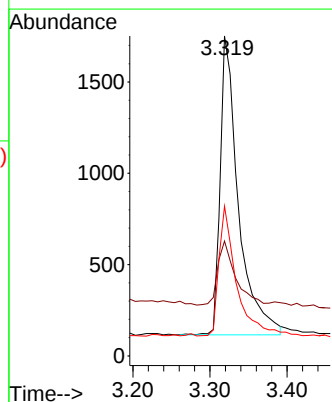
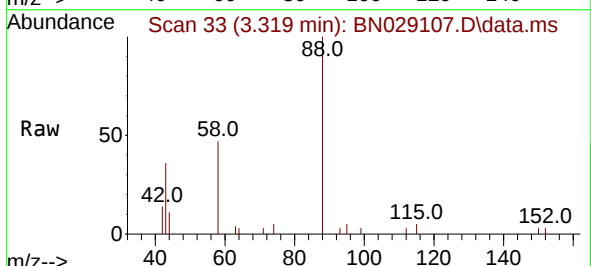
Ion	Ratio	Lower	Upper
152	100		
150	143.1	116.2	174.4
115	57.8	45.1	67.7

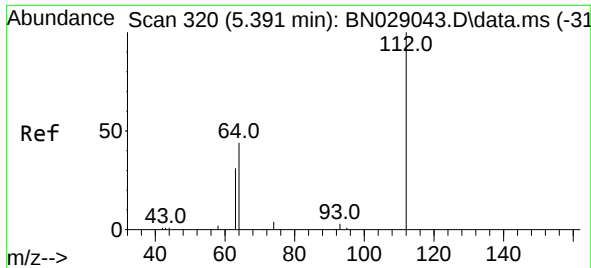


#2
 1,4-Dioxane
 Concen: 3.871 ng
 RT: 3.319 min Scan# 33
 Delta R.T. -0.022 min
 Lab File: BN029107.D
 Acq: 08 Dec 2023 00:55

Tgt Ion: 88 Resp: 2690

Ion	Ratio	Lower	Upper
88	100		
43	20.9	15.6	23.4
58	41.3	33.2	49.8

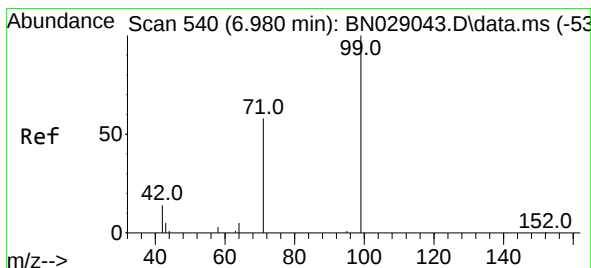
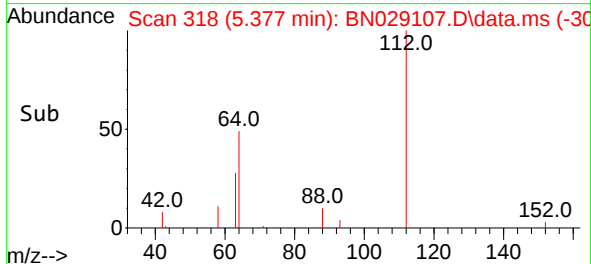
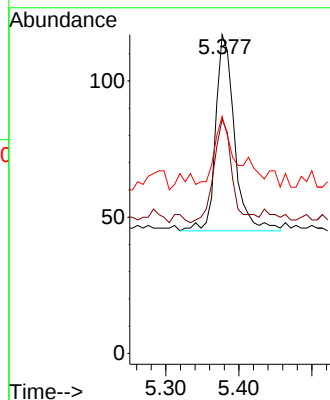
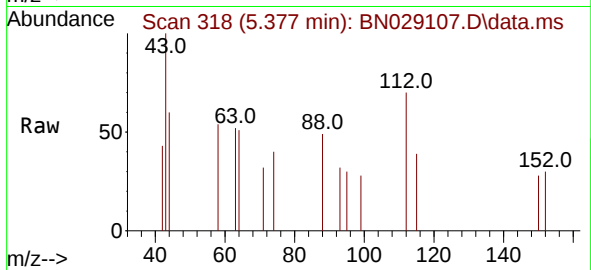




#4
2-Fluorophenol
Concen: 0.066 ng
RT: 5.377 min Scan# 31
Delta R.T. -0.014 min
Lab File: BN029107.D
Acq: 08 Dec 2023 00:55

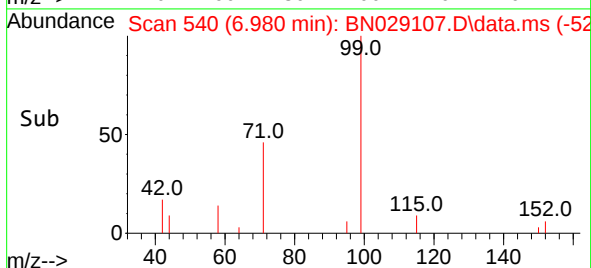
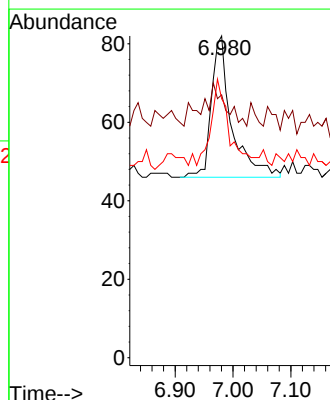
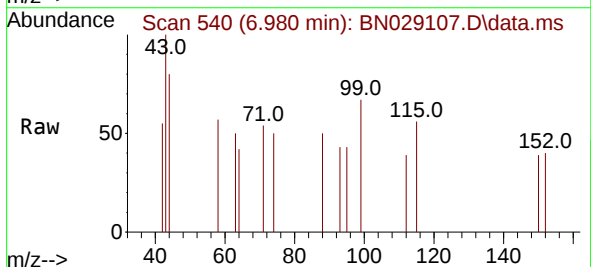
Instrument :
BNA_N
ClientSampleId :
DUP02-20231109DL

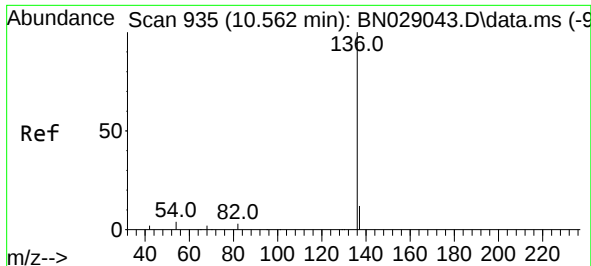
Tgt Ion:112 Resp: 129
Ion Ratio Lower Upper
112 100
64 49.6 37.0 55.6
63 31.8 29.0 43.6



#5
Phenol-d6
Concen: 0.038 ng
RT: 6.980 min Scan# 540
Delta R.T. 0.000 min
Lab File: BN029107.D
Acq: 08 Dec 2023 00:55

Tgt Ion: 99 Resp: 88
Ion Ratio Lower Upper
99 100
42 26.1 13.4 20.2#
71 53.4 47.8 71.6

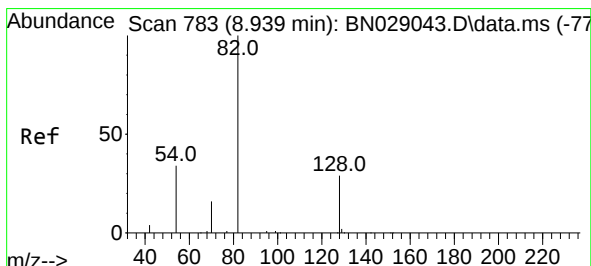
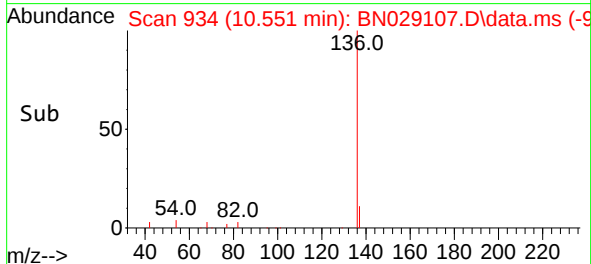
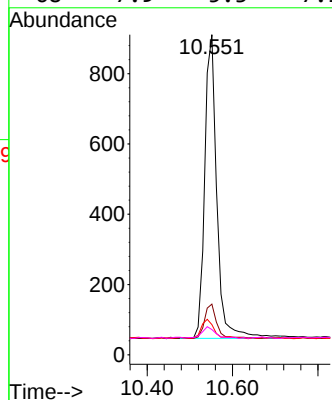
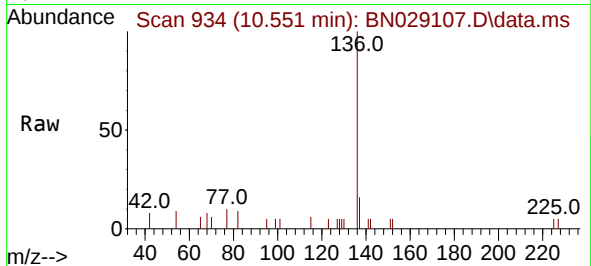




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.551 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN029107.D
Acq: 08 Dec 2023 00:55

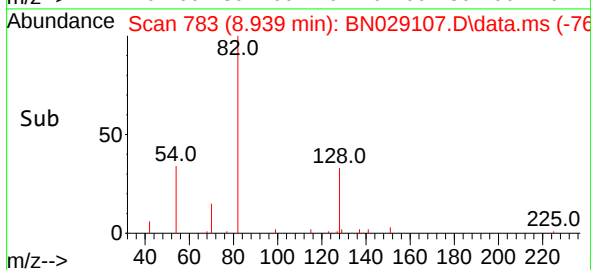
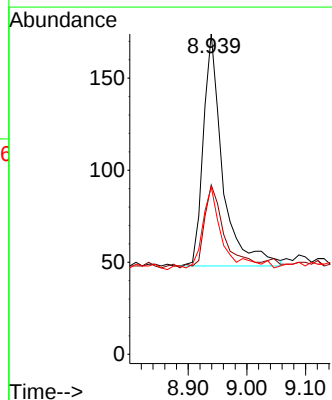
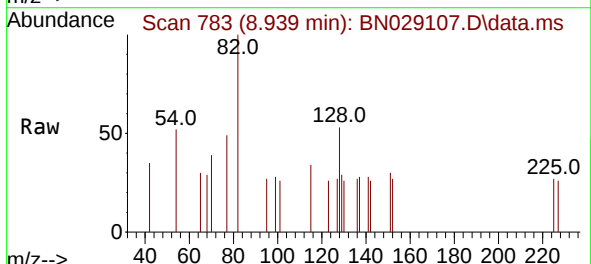
Instrument :
BNA_N
ClientSampleId :
DUP02-20231109DL

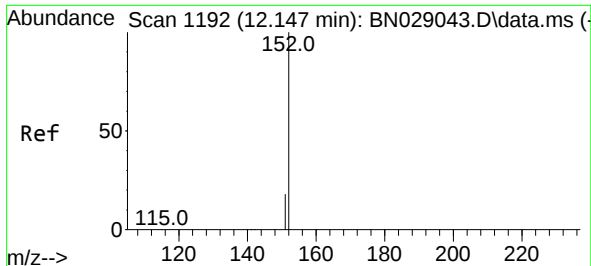
Tgt Ion:	136	Resp:	1703
Ion	Ratio	Lower	Upper
136	100		
137	15.8	11.9	17.9
54	9.4	6.4	9.6
68	7.9	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.140 ng
RT: 8.939 min Scan# 783
Delta R.T. 0.000 min
Lab File: BN029107.D
Acq: 08 Dec 2023 00:55

Tgt Ion:	82	Resp:	288
Ion	Ratio	Lower	Upper
82	100		
128	52.9	28.2	42.4#
54	52.3	32.1	48.1#

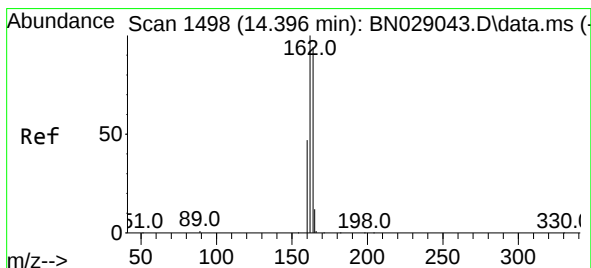
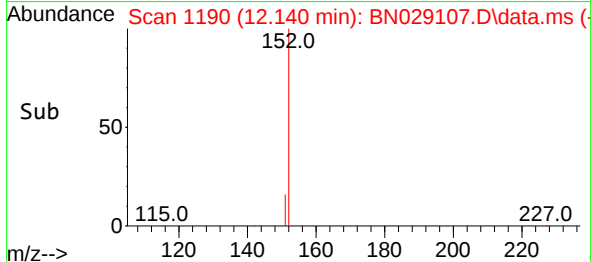
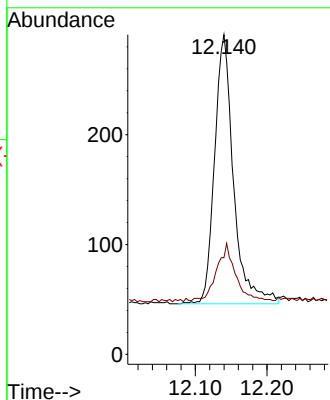
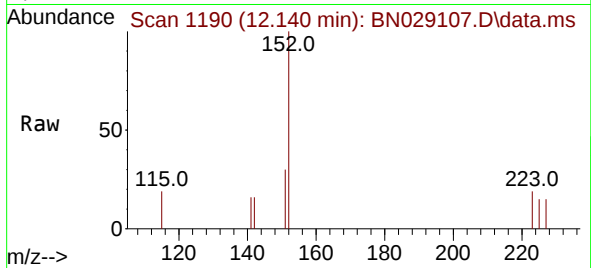




#11
2-Methylnaphthalene-d10
Concen: 0.126 ng
RT: 12.140 min Scan# 1192
Delta R.T. -0.008 min
Lab File: BN029107.D
Acq: 08 Dec 2023 00:55

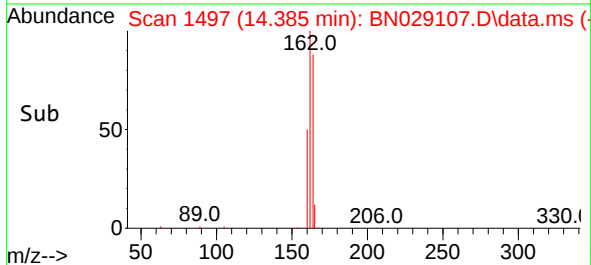
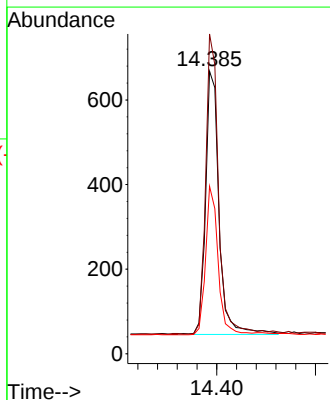
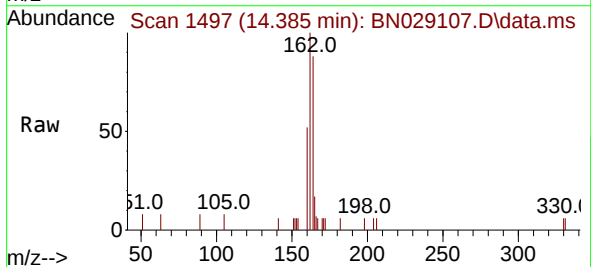
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ClientSampleId :
DUP02-20231109DL

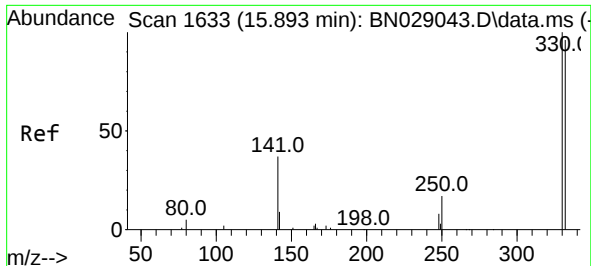
Tgt Ion:152 Resp: 449
Ion Ratio Lower Upper
152 100
151 20.5 17.4 26.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.385 min Scan# 1497
Delta R.T. -0.011 min
Lab File: BN029107.D
Acq: 08 Dec 2023 00:55

Tgt Ion:164 Resp: 1174
Ion Ratio Lower Upper
164 100
162 113.2 85.0 127.6
160 59.3 41.3 61.9

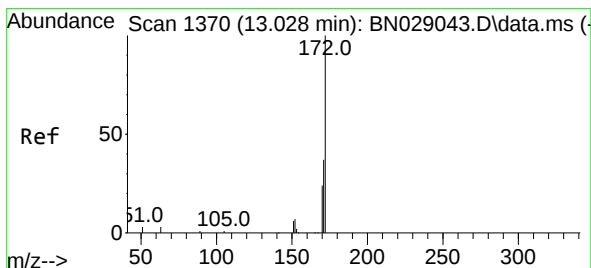
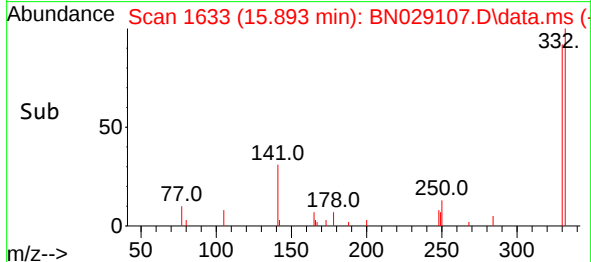
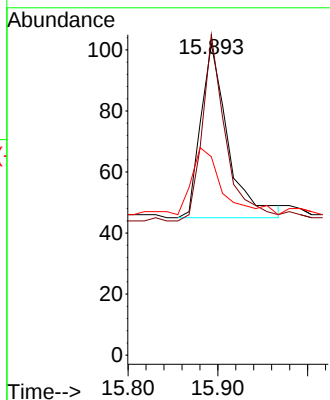
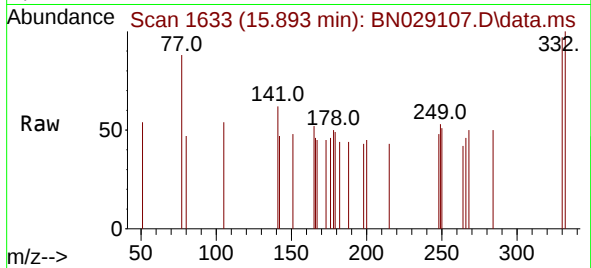




#14
2,4,6-Tribromophenol
Concen: 0.093 ng
RT: 15.893 min Scan# 1633
Delta R.T. 0.000 min
Lab File: BN029107.D
Acq: 08 Dec 2023 00:55

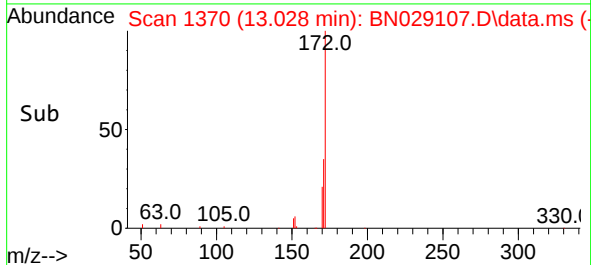
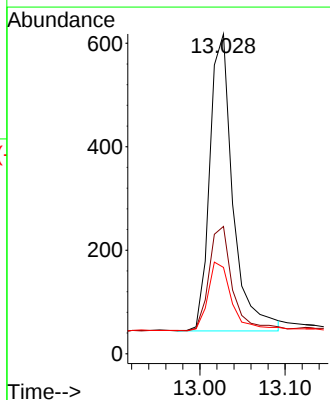
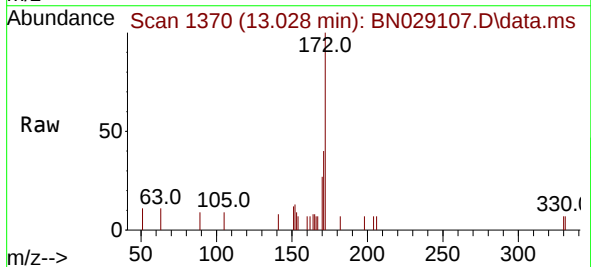
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ClientSampleId :
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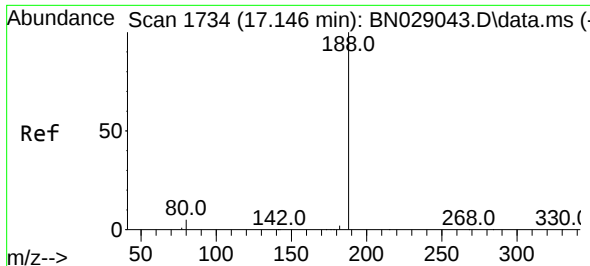
Tgt Ion:330 Resp: 120
Ion Ratio Lower Upper
330 100
332 93.3 78.8 118.2
141 45.0 28.7 43.1#



#15
2-Fluorobiphenyl
Concen: 0.178 ng
RT: 13.028 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BN029107.D
Acq: 08 Dec 2023 00:55

Tgt Ion:172 Resp: 1084
Ion Ratio Lower Upper
172 100
171 39.8 30.1 45.1
170 27.0 20.3 30.5

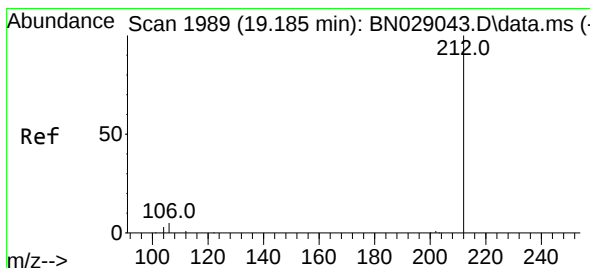
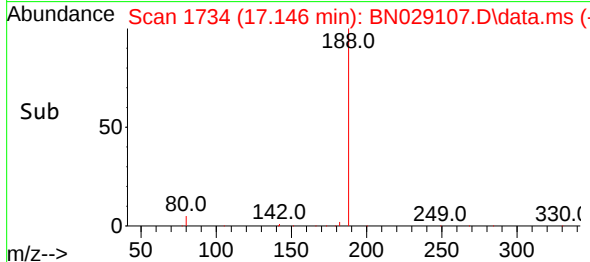
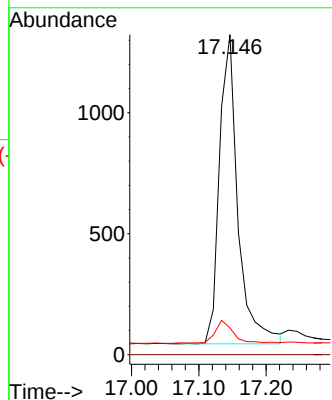
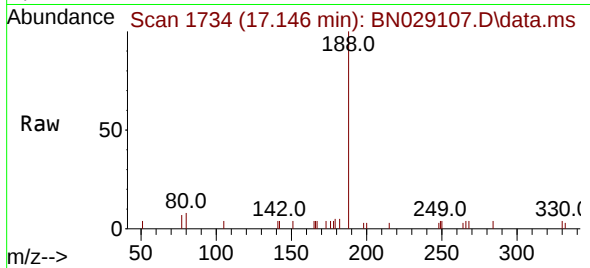




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.146 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN029107.D
Acq: 08 Dec 2023 00:55

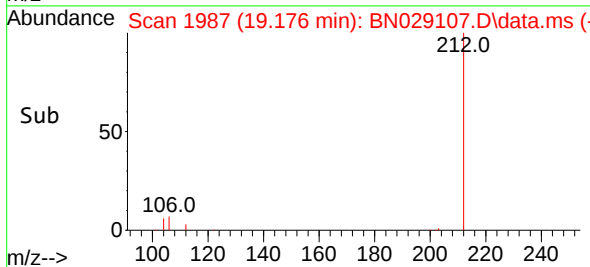
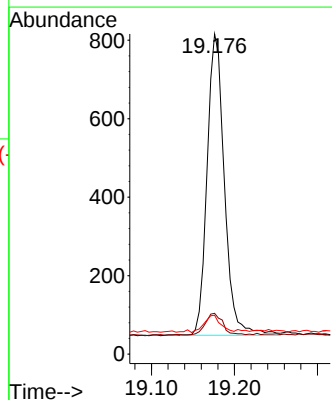
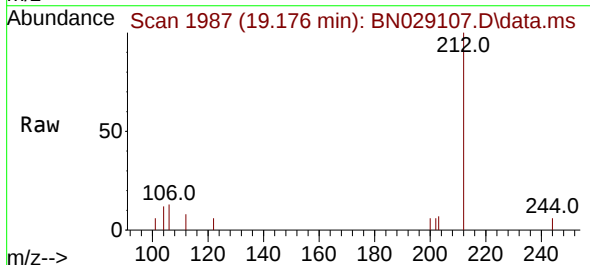
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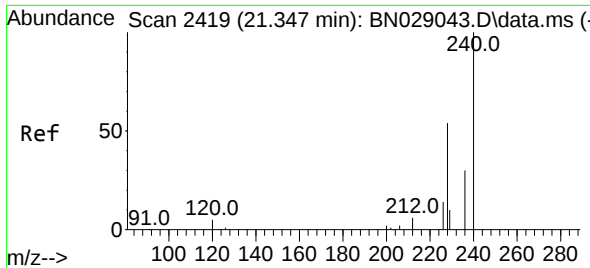
Tgt Ion:188 Resp: 2428
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 5.4 8.0#



#27
Fluoranthene-d10
Concen: 0.146 ng
RT: 19.176 min Scan# 1987
Delta R.T. -0.009 min
Lab File: BN029107.D
Acq: 08 Dec 2023 00:55

Tgt Ion:212 Resp: 1116
Ion Ratio Lower Upper
212 100
106 7.3 3.9 5.9#
104 5.5 2.6 3.8#

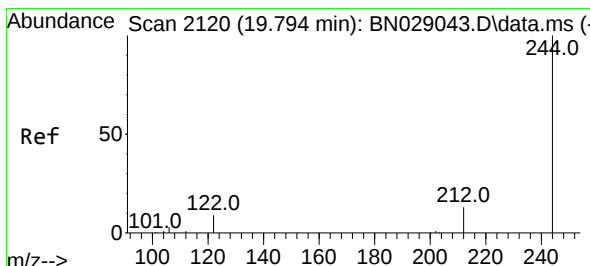
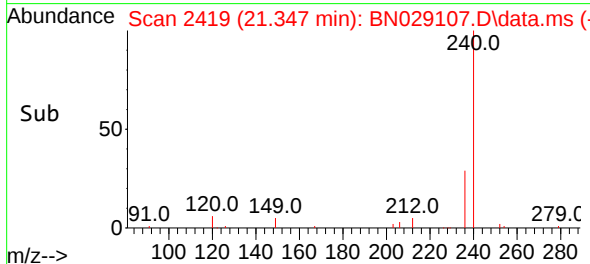
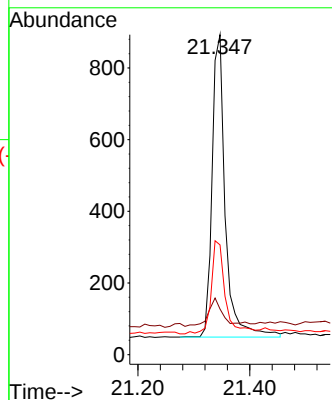
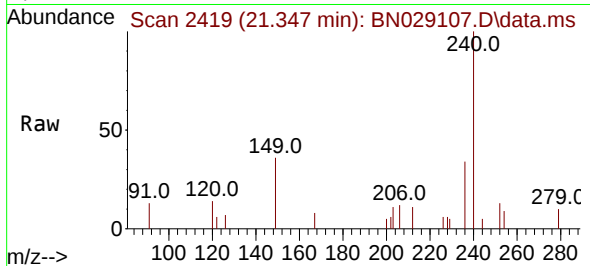




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.347 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BN029107.D
Acq: 08 Dec 2023 00:55

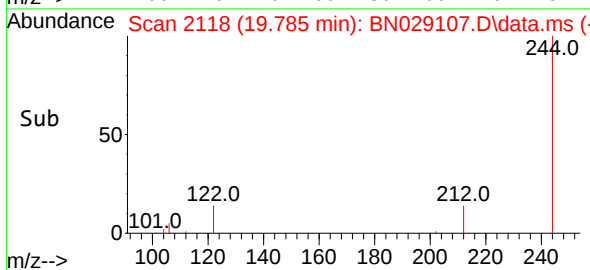
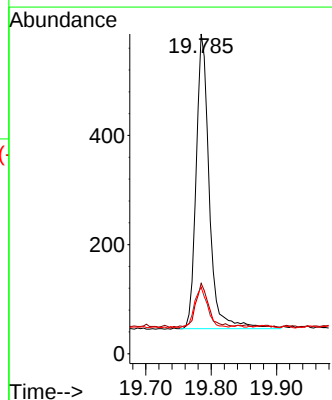
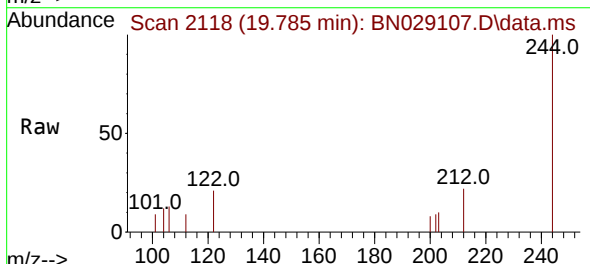
Instrument :
BNA_N
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DUP02-20231109DL

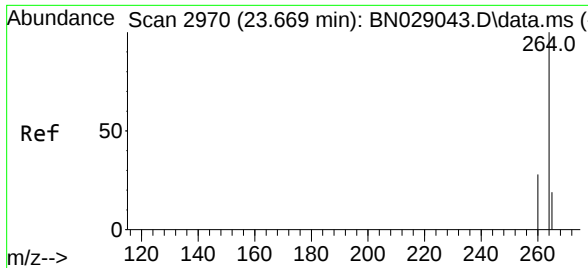
Tgt Ion:240 Resp: 1380
Ion Ratio Lower Upper
240 100
120 14.2 6.7 10.1#
236 34.3 25.7 38.5



#31
Terphenyl-d14
Concen: 0.215 ng
RT: 19.785 min Scan# 2118
Delta R.T. -0.009 min
Lab File: BN029107.D
Acq: 08 Dec 2023 00:55

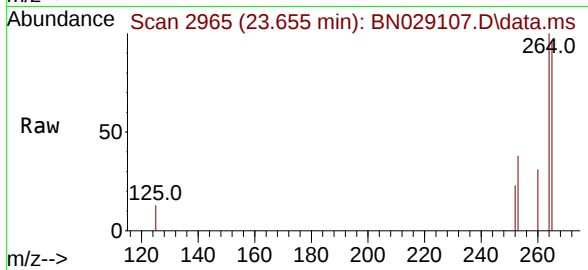
Tgt Ion:244 Resp: 752
Ion Ratio Lower Upper
244 100
212 22.0 11.6 17.4#
122 20.8 8.2 12.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.655 min Scan# 2970
Delta R.T. -0.015 min
Lab File: BN029107.D
Acq: 08 Dec 2023 00:55

Instrument :
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ClientSampleId :
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Tgt Ion:	264	Resp:	1536
Ion	Ratio	Lower	Upper
264	100		
260	30.7	23.9	35.9
265	96.1	52.7	79.1

