

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122123\
 Data File : BN029161.D
 Acq On : 21 Dec 2023 21:30
 Operator : MA/JU
 Sample : 05719-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-RW10A-MW01S-GW-20231205

Quant Time: Dec 21 23:28:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 18:03:30 2023
 Response via : Initial Calibration

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

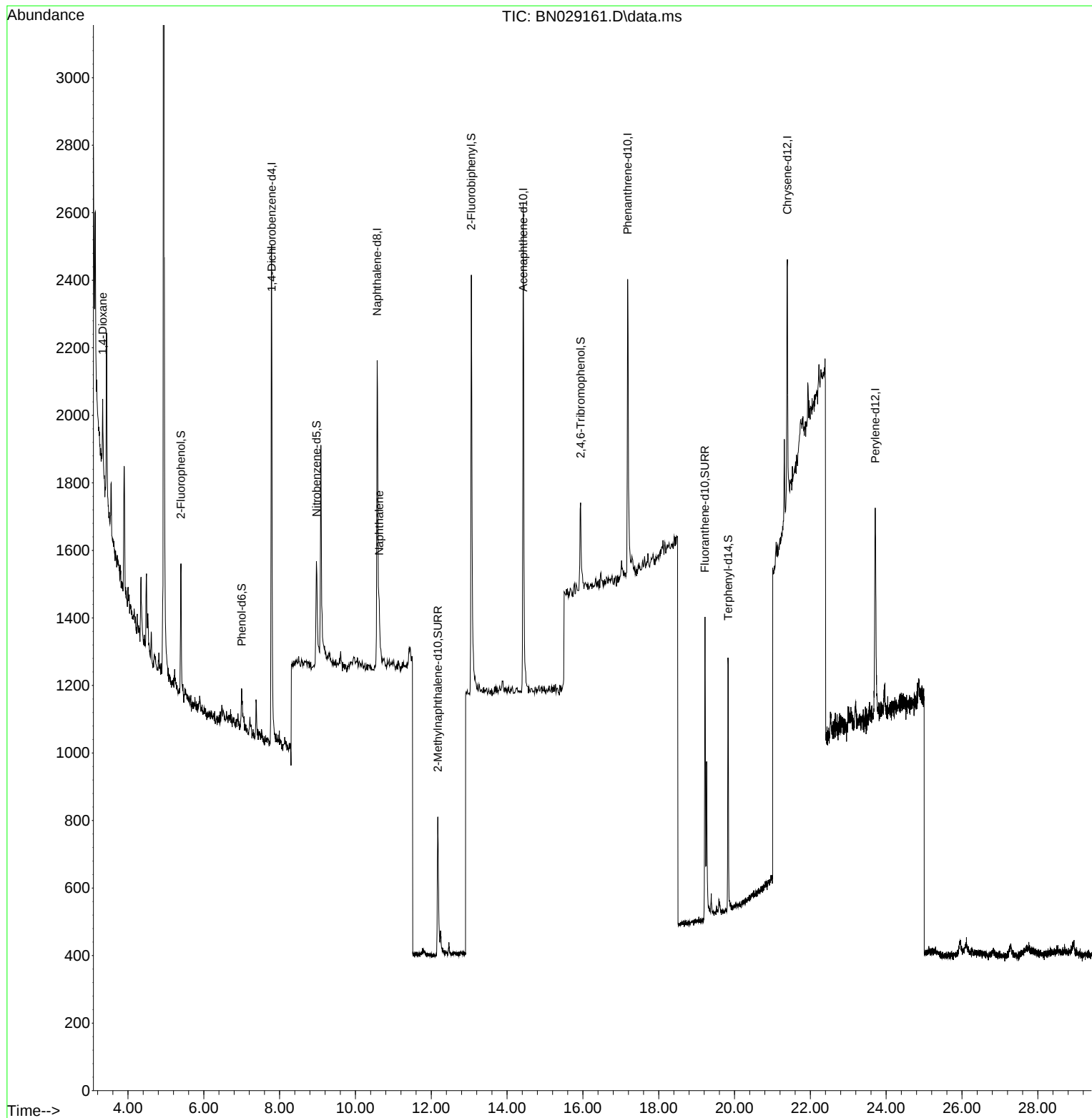
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	865	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	1687	0.400	ng	-0.01
13) Acenaphthene-d10	14.425	164	957	0.400	ng	0.00
19) Phenanthrene-d10	17.181	188	1608	0.400	ng	0.00
29) Chrysene-d12	21.393	240	742	0.400	ng	0.00
35) Perylene-d12	23.712	264	957	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	320	0.155	ng	0.00
5) Phenol-d6	7.002	99	149	0.065	ng	0.00
8) Nitrobenzene-d5	8.971	82	535	0.243	ng	0.01
11) 2-Methylnaphthalene-d10	12.174	152	763	0.299	ng	0.00
14) 2,4,6-Tribromophenol	15.940	330	223	0.267	ng	0.01
15) 2-Fluorobiphenyl	13.057	172	1414	0.253	ng	0.00
27) Fluoranthene-d10	19.220	212	1143	0.294	ng	0.00
31) Terphenyl-d14	19.833	244	697	0.342	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.333	88	181	0.222	ng	# 75
9) Naphthalene	10.626	128	190	0.035	ng	# 37

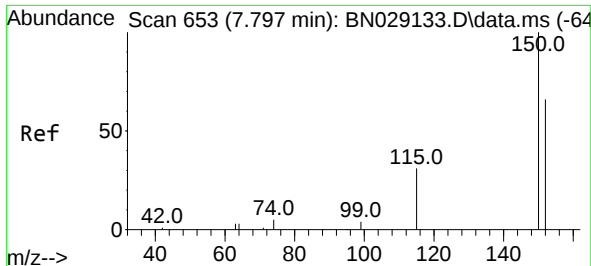
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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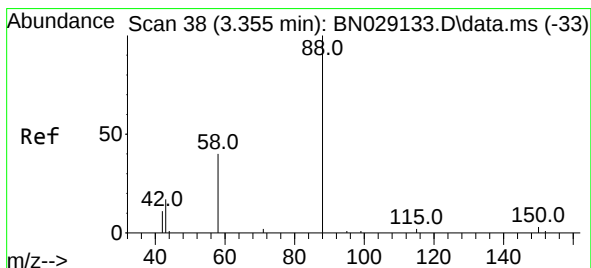
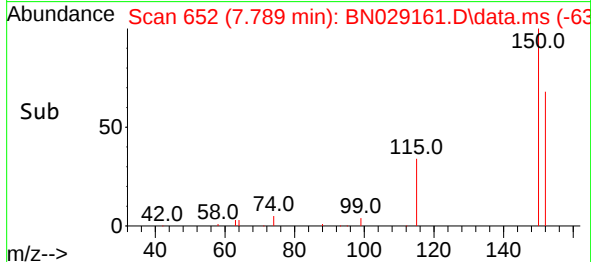
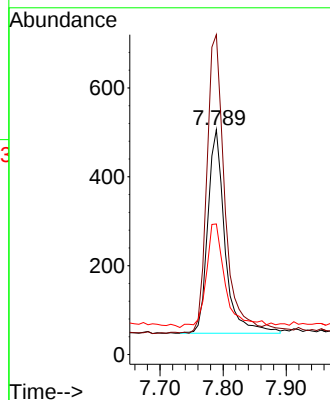
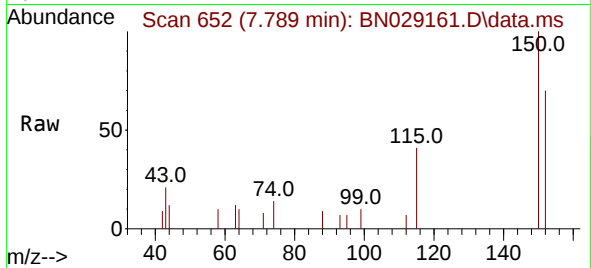




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.789 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN029161.D
Acq: 21 Dec 2023 21:30

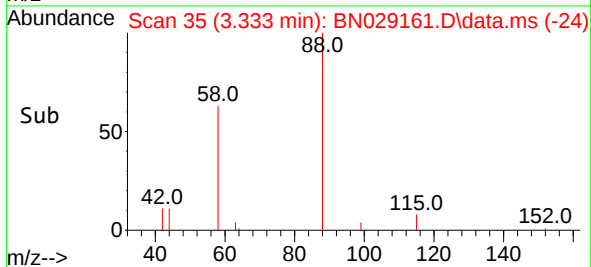
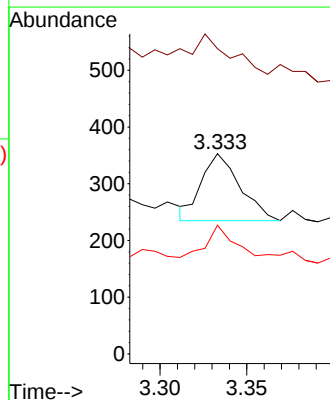
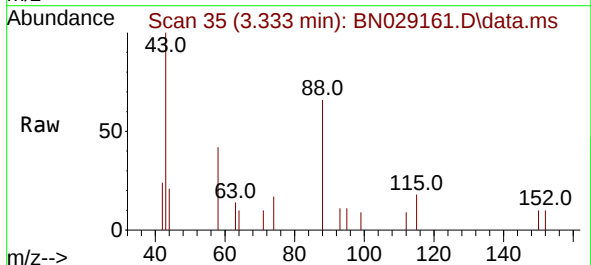
Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10A-MW01S-GW-20231205

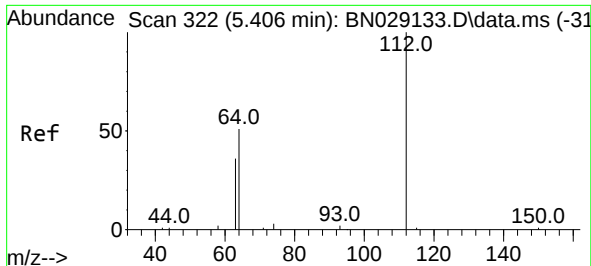
Tgt Ion:152 Resp: 865
Ion Ratio Lower Upper
152 100
150 142.3 117.6 176.4
115 58.1 44.2 66.2



#2
1,4-Dioxane
Concen: 0.222 ng
RT: 3.333 min Scan# 35
Delta R.T. -0.022 min
Lab File: BN029161.D
Acq: 21 Dec 2023 21:30

Tgt Ion: 88 Resp: 181
Ion Ratio Lower Upper
88 100
43 45.9 20.1 30.1#
58 34.3 35.4 53.2#

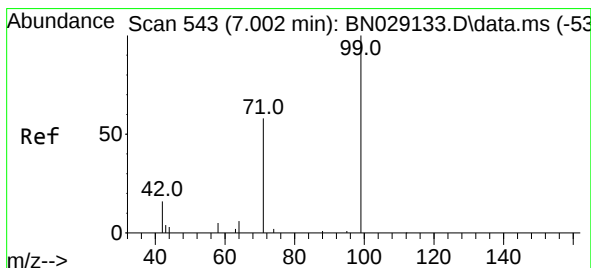
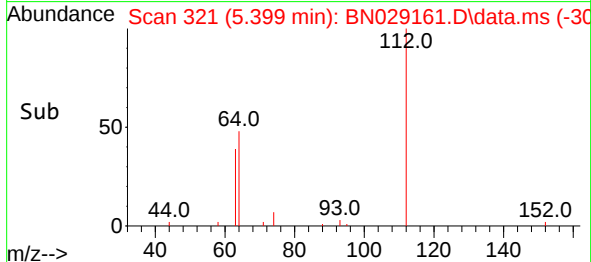
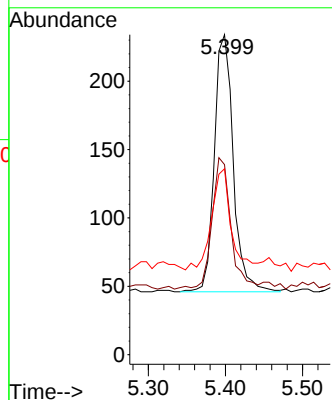
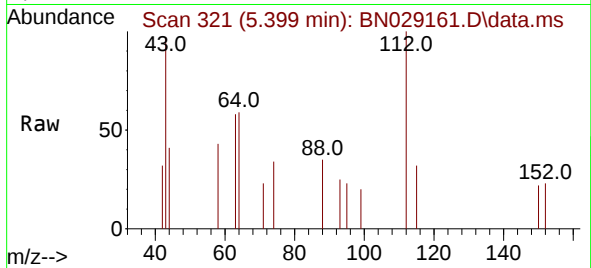




#4
2-Fluorophenol
Concen: 0.155 ng
RT: 5.399 min Scan# 31
Delta R.T. -0.008 min
Lab File: BN029161.D
Acq: 21 Dec 2023 21:30

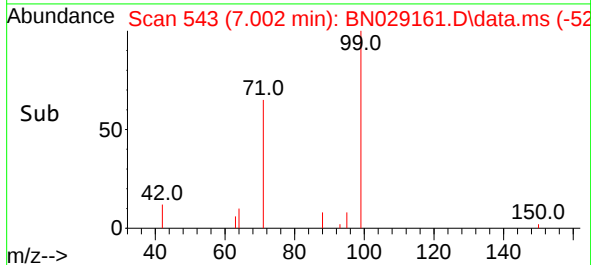
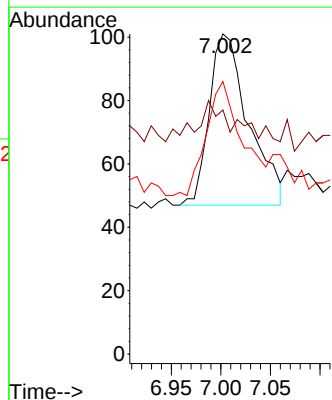
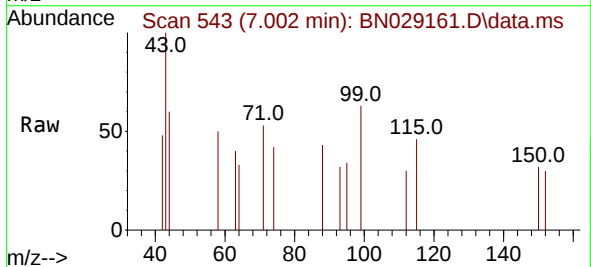
Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10A-MW01S-GW-20231205

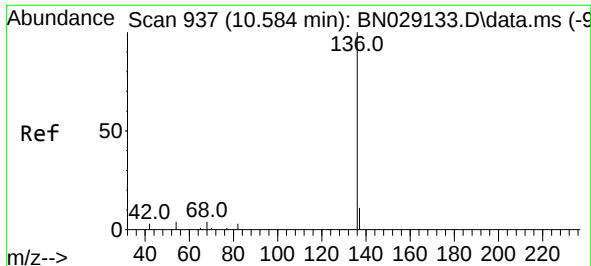
Tgt Ion:112 Resp: 320
Ion Ratio Lower Upper
112 100
64 50.9 38.6 58.0
63 40.0 30.0 45.0



#5
Phenol-d6
Concen: 0.065 ng
RT: 7.002 min Scan# 543
Delta R.T. -0.000 min
Lab File: BN029161.D
Acq: 21 Dec 2023 21:30

Tgt Ion: 99 Resp: 149
Ion Ratio Lower Upper
99 100
42 25.5 13.8 20.6#
71 61.1 45.4 68.2

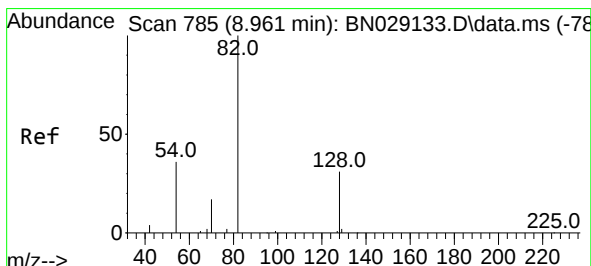
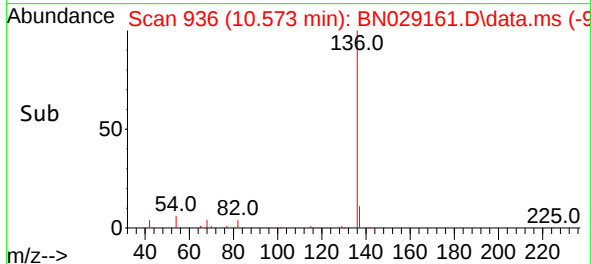
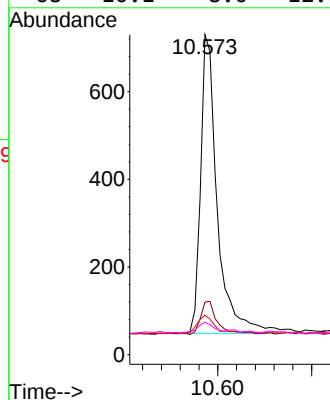
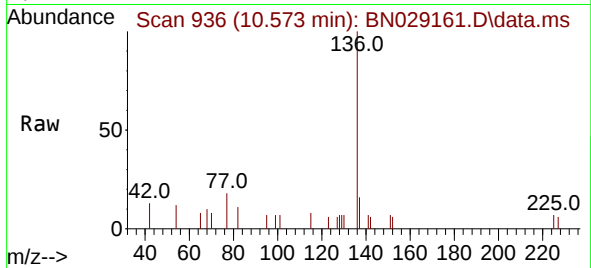




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN029161.D
Acq: 21 Dec 2023 21:30

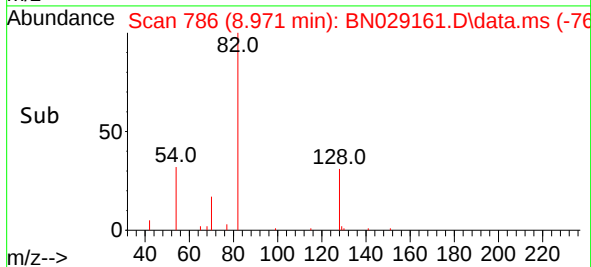
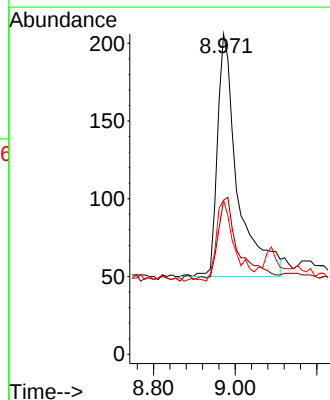
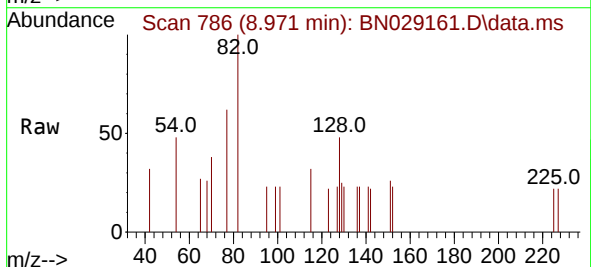
Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10A-MW01S-GW-20231205

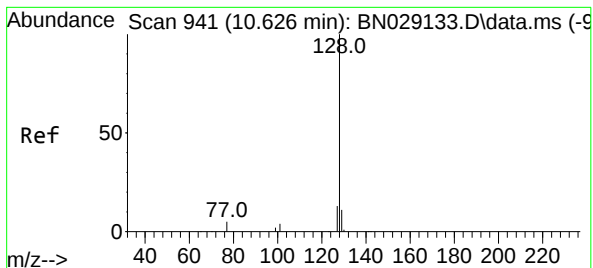
Tgt Ion:	136	Resp:	1687
Ion	Ratio	Lower	Upper
136	100		
137	16.4	13.4	20.0
54	12.3	8.6	13.0
68	10.1	8.0	12.0



#8
Nitrobenzene-d5
Concen: 0.243 ng
RT: 8.971 min Scan# 786
Delta R.T. 0.010 min
Lab File: BN029161.D
Acq: 21 Dec 2023 21:30

Tgt Ion:	82	Resp:	535
Ion	Ratio	Lower	Upper
82	100		
128	48.1	33.0	49.4
54	48.1	35.8	53.8





#9

Naphthalene

Concen: 0.035 ng

RT: 10.626 min Scan# 941

Delta R.T. -0.000 min

Lab File: BN029161.D

Acq: 21 Dec 2023 21:30

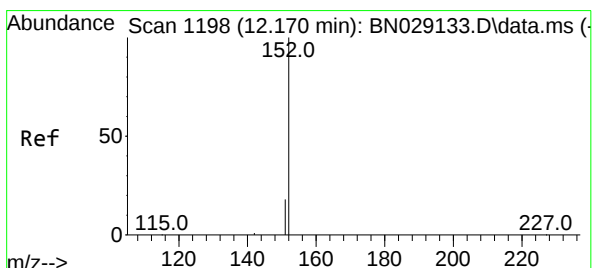
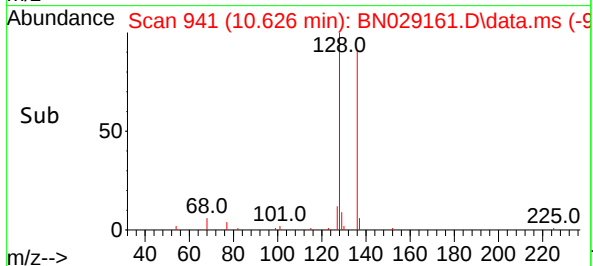
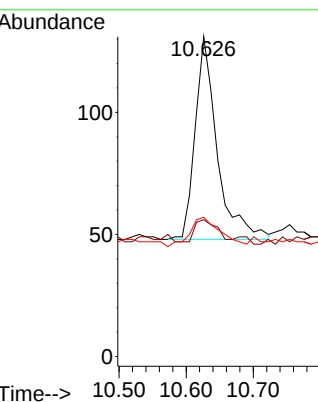
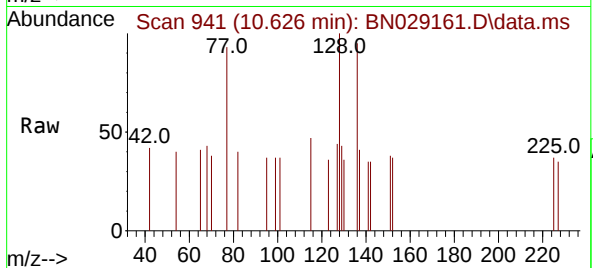
Instrument :

BNA_N

ClientSampleId :

BP-TT-RW10A-MW01S-GW-20231205

Tgt Ion:128	Resp:	190
Ion Ratio	Lower	Upper
128	100	
129	42.7	12.0 18.0#
127	43.5	14.1 21.1#



#11

2-Methylnaphthalene-d10

Concen: 0.299 ng

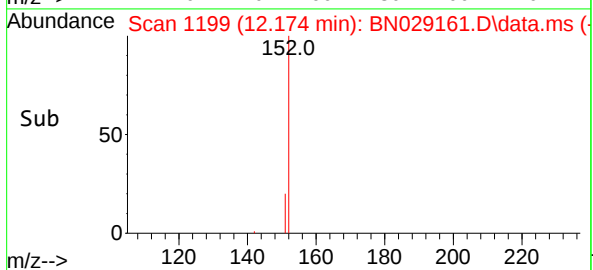
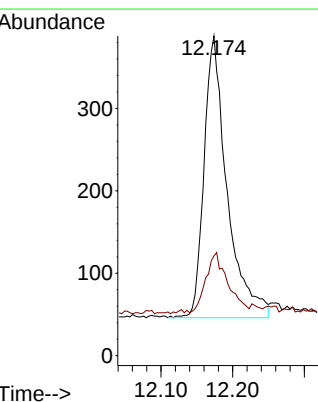
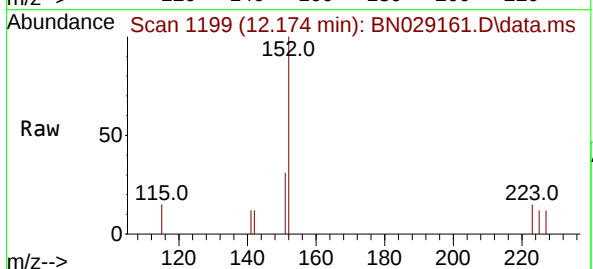
RT: 12.174 min Scan# 1199

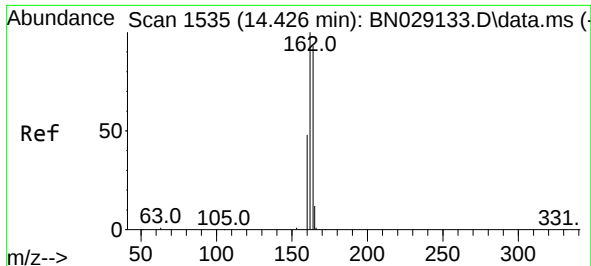
Delta R.T. 0.004 min

Lab File: BN029161.D

Acq: 21 Dec 2023 21:30

Tgt Ion:152	Resp:	763
Ion Ratio	Lower	Upper
152	100	
151	20.3	17.4 26.2

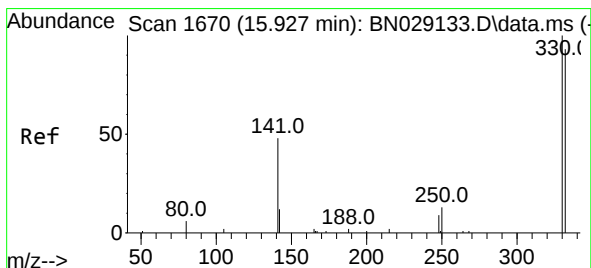
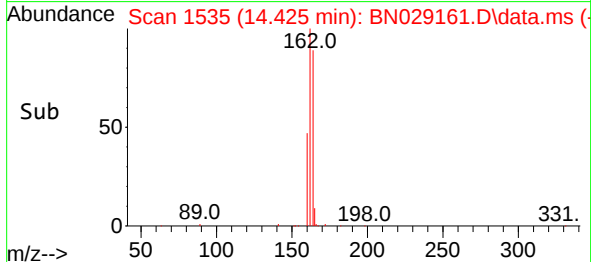
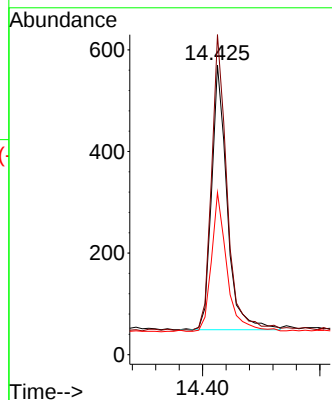
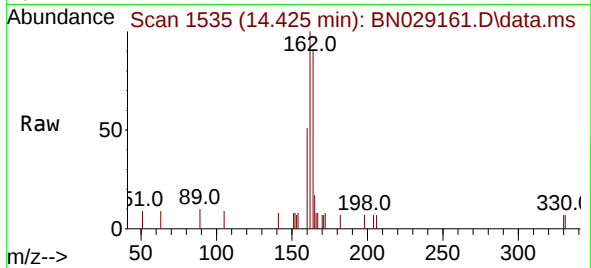




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.425 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN029161.D
Acq: 21 Dec 2023 21:30

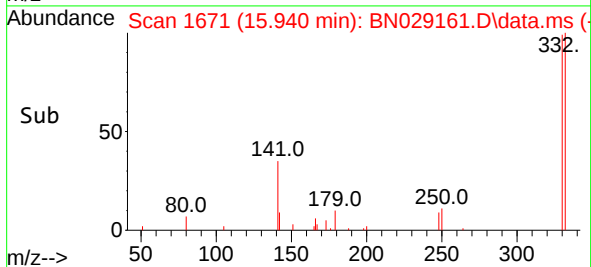
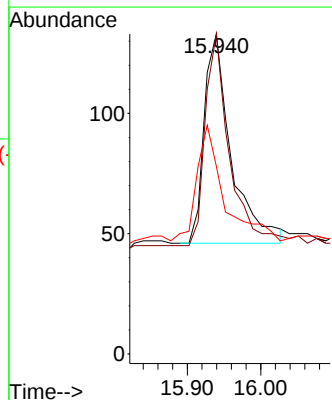
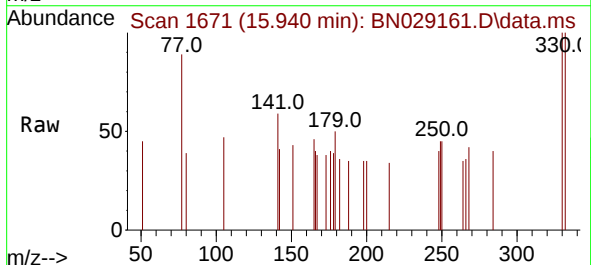
Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10A-MW01S-GW-20231205

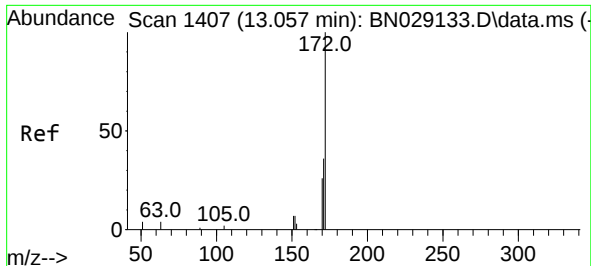
Tgt Ion:164 Resp: 957
Ion Ratio Lower Upper
164 100
162 110.5 85.0 127.4
160 56.0 45.8 68.8



#14
2,4,6-Tribromophenol
Concen: 0.267 ng
RT: 15.940 min Scan# 1671
Delta R.T. 0.012 min
Lab File: BN029161.D
Acq: 21 Dec 2023 21:30

Tgt Ion:330 Resp: 223
Ion Ratio Lower Upper
330 100
332 91.0 83.4 125.0
141 55.2 43.8 65.8

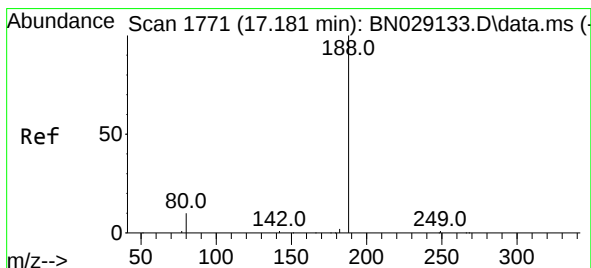
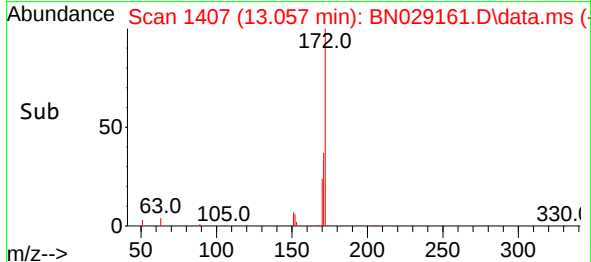
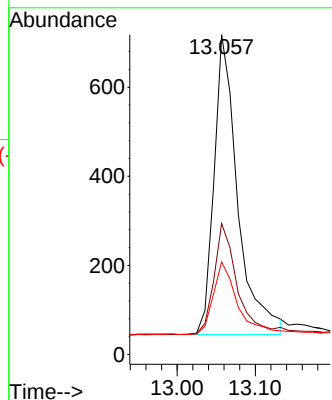
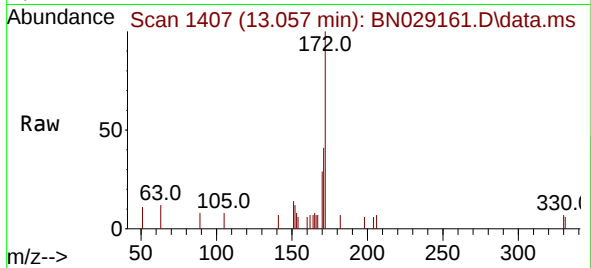




#15
2-Fluorobiphenyl
Concen: 0.253 ng
RT: 13.057 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BN029161.D
Acq: 21 Dec 2023 21:30

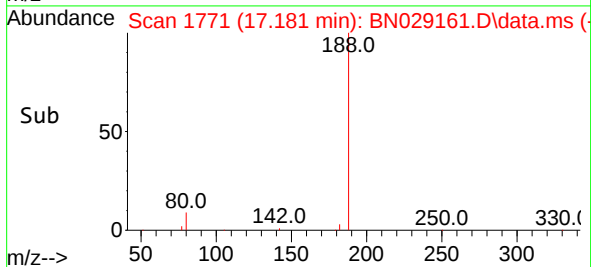
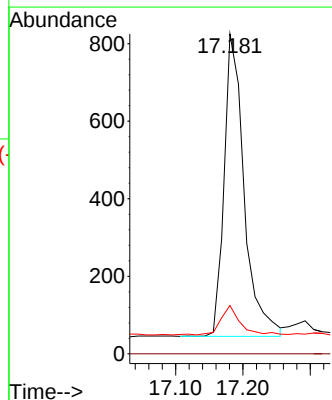
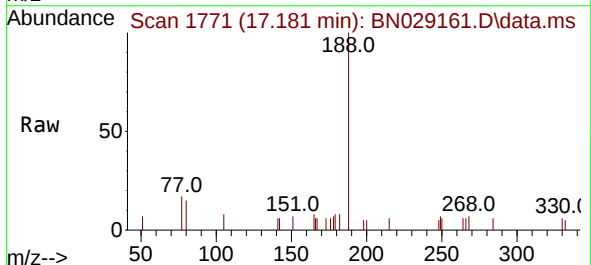
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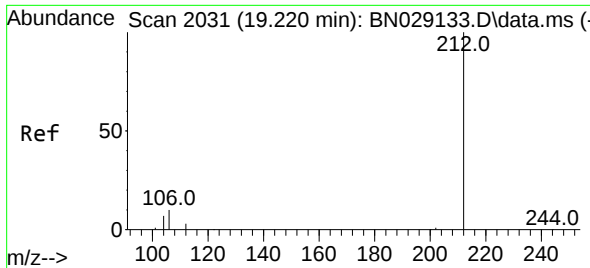
Tgt Ion:	172	Resp:	1414
Ion	Ratio	Lower	Upper
172	100		
171	40.9	32.2	48.4
170	29.0	25.0	37.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.181 min Scan# 1771
Delta R.T. -0.000 min
Lab File: BN029161.D
Acq: 21 Dec 2023 21:30

Tgt Ion:	188	Resp:	1608
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.2	13.7	20.5

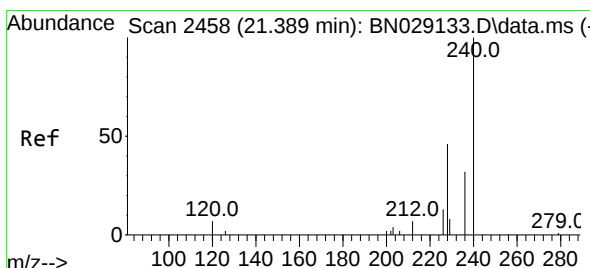
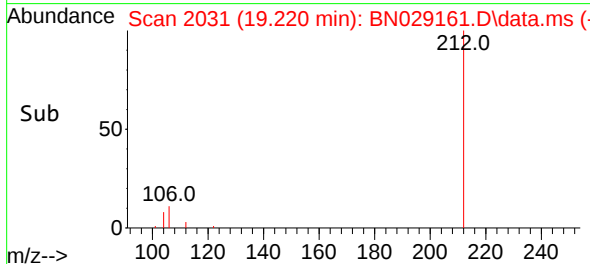
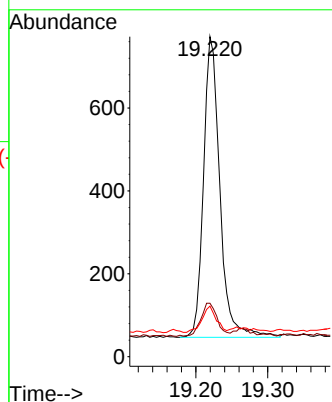
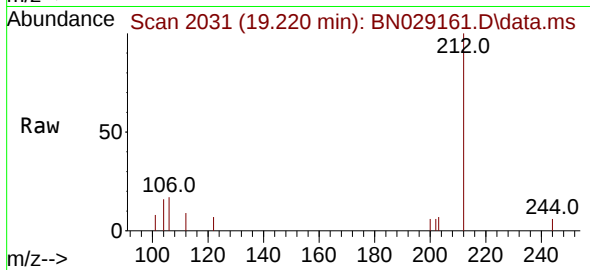




#27
Fluoranthene-d10
Concen: 0.294 ng
RT: 19.220 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BN029161.D
Acq: 21 Dec 2023 21:30

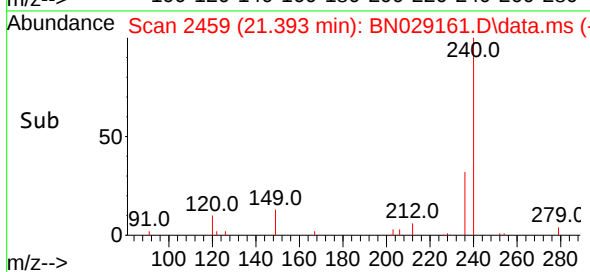
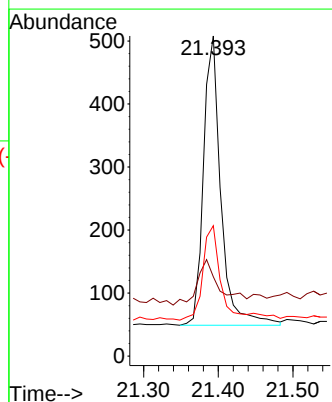
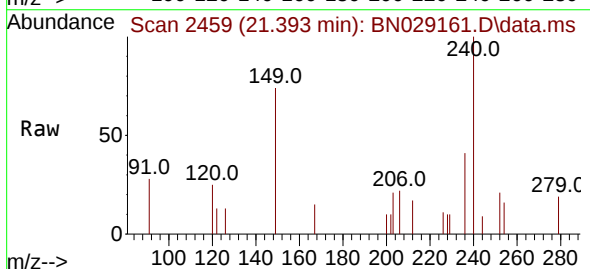
Instrument : BNA_N
ClientSampleId : BP-TT-RW10A-MW01S-GW-20231205

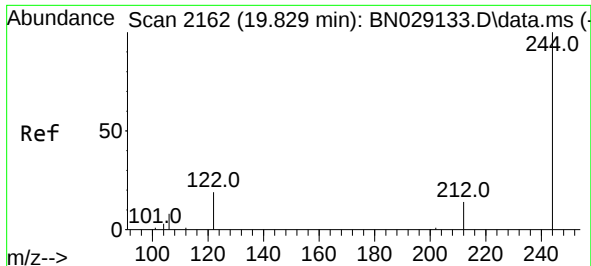
Tgt Ion:212 Resp: 1143
Ion Ratio Lower Upper
212 100
106 11.3 9.6 14.4
104 7.5 6.5 9.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2459
Delta R.T. 0.004 min
Lab File: BN029161.D
Acq: 21 Dec 2023 21:30

Tgt Ion:240 Resp: 742
Ion Ratio Lower Upper
240 100
120 24.8 21.4 32.0
236 40.7 33.5 50.3

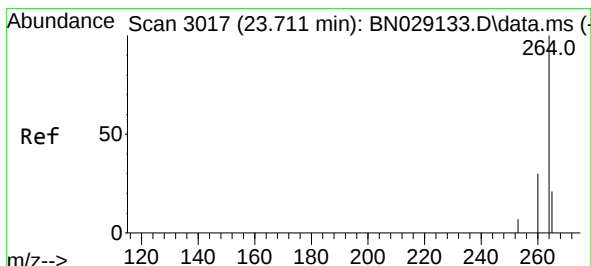
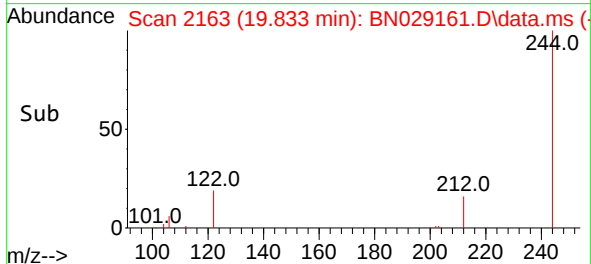
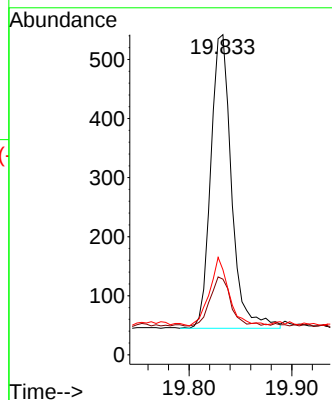
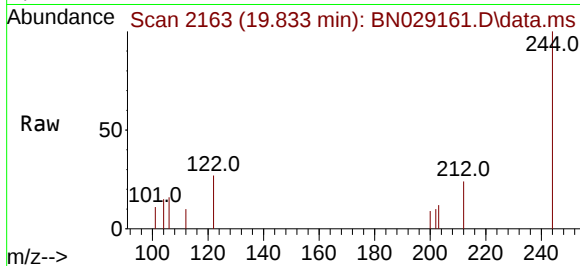




#31
 Terphenyl-d14
 Concen: 0.342 ng
 RT: 19.833 min Scan# 2163
 Delta R.T. 0.004 min
 Lab File: BN029161.D
 Acq: 21 Dec 2023 21:30

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-RW10A-MW01S-GW-20231205

Tgt Ion:244 Resp: 697
 Ion Ratio Lower Upper
 244 100
 212 23.6 19.0 28.6
 122 26.6 22.5 33.7



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.712 min Scan# 3019
 Delta R.T. 0.001 min
 Lab File: BN029161.D
 Acq: 21 Dec 2023 21:30

Tgt Ion:264 Resp: 957
 Ion Ratio Lower Upper
 264 100
 260 33.2 31.0 46.6
 265 120.6 105.3 157.9

