

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN028960.D
 Acq On : 01 Dec 2023 23:01
 Operator : MA/JU
 Sample : 05357-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT161S1-20231108

Quant Time: Dec 01 23:46:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 23:11:55 2023
 Response via : Initial Calibration

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

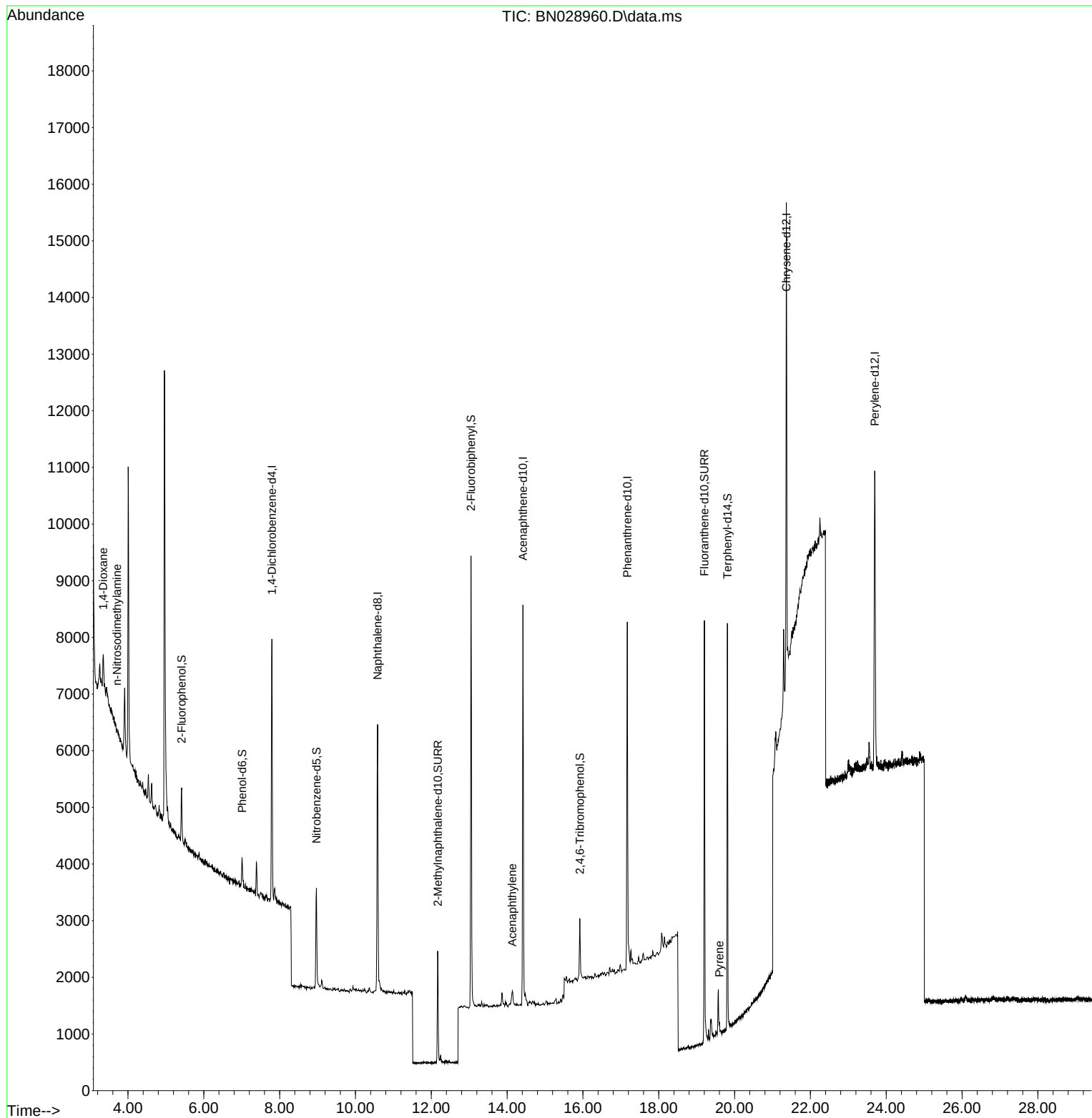
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	2187	0.400	ng	0.00
7) Naphthalene-d8	10.583	136	6505	0.400	ng	0.00
13) Acenaphthene-d10	14.417	164	3967	0.400	ng	0.00
19) Phenanthrene-d10	17.171	188	8827	0.400	ng	0.00
29) Chrysene-d12	21.365	240	7550	0.400	ng	# 0.00
35) Perylene-d12	23.696	264	7202	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	732	0.110	ng	0.00
5) Phenol-d6	7.009	99	492	0.067	ng	0.00
8) Nitrobenzene-d5	8.971	82	1632	0.252	ng	0.00
11) 2-Methylnaphthalene-d10	12.170	152	2702	0.259	ng	0.00
14) 2,4,6-Tribromophenol	15.917	330	709	0.265	ng	0.00
15) 2-Fluorobiphenyl	13.049	172	6670	0.389	ng	0.00
27) Fluoranthene-d10	19.204	212	8091	0.348	ng	0.00
31) Terphenyl-d14	19.812	244	7051	0.354	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.348	88	508	0.237	ng	# 54
3) n-Nitrosodimethylamine	3.709	42	42	0.104	ng	# 57
16) Acenaphthylene	14.139	152	663	0.032	ng	# 95
30) Pyrene	19.599	202	201	0.098	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.293	149	1866	Below Cal		98

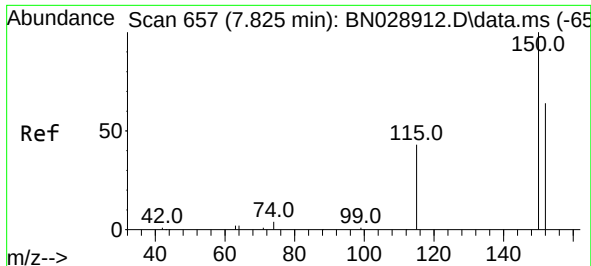
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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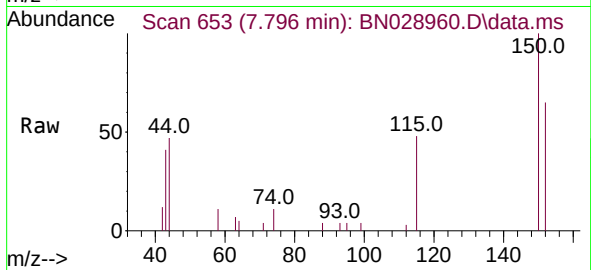
Quant Time: Dec 01 23:46:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
Response via : Initial Calibration



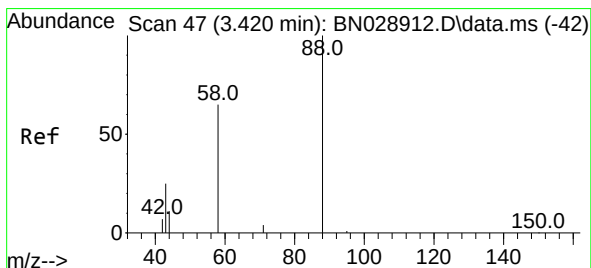
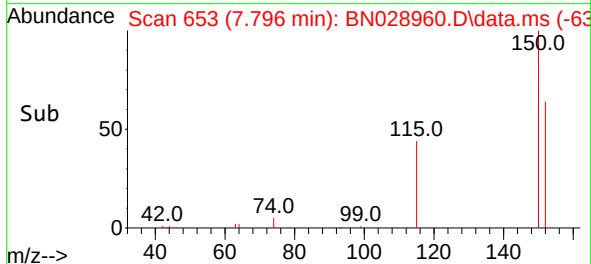
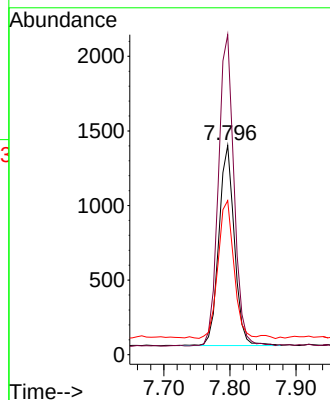


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.796 min Scan# 61
Delta R.T. -0.001 min
Lab File: BN028960.D
Acq: 01 Dec 2023 23:01

Instrument :
BNA_N
ClientSampleId :
TT161S1-20231108

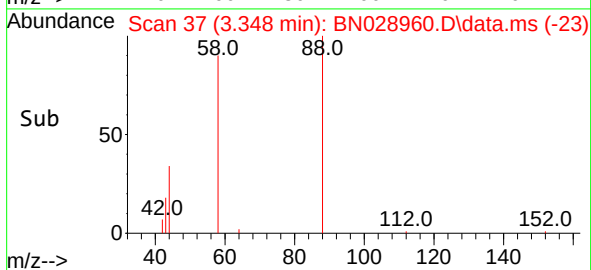
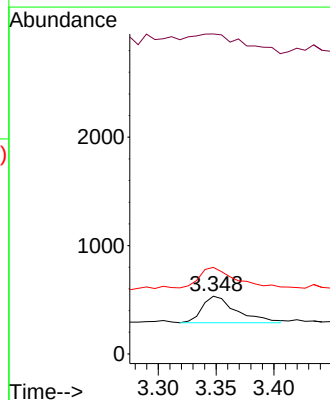
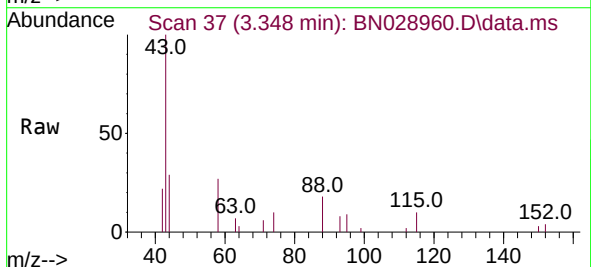


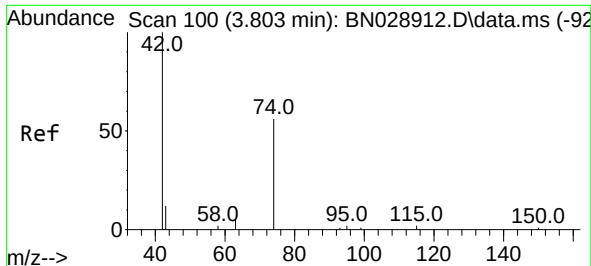
Tgt Ion:152 Resp: 2187
Ion Ratio Lower Upper
152 100
150 152.9 123.4 185.2
115 73.6 59.1 88.7



#2
1,4-Dioxane
Concen: 0.237 ng
RT: 3.348 min Scan# 37
Delta R.T. -0.000 min
Lab File: BN028960.D
Acq: 01 Dec 2023 23:01

Tgt Ion: 88 Resp: 508
Ion Ratio Lower Upper
88 100
43 102.6 29.9 44.9#
58 78.3 55.0 82.4

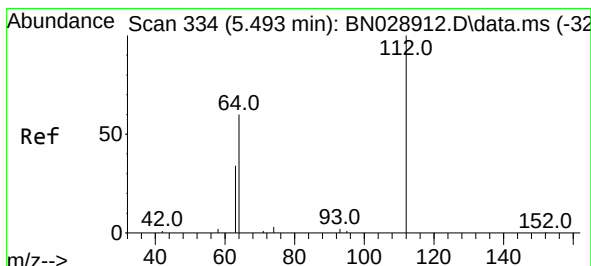
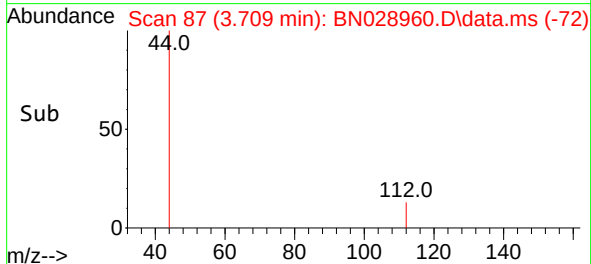
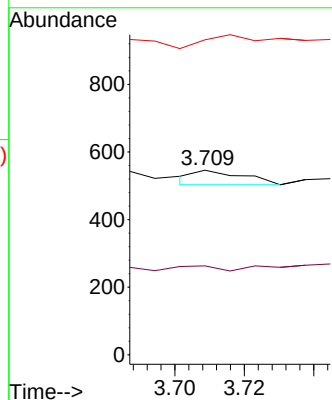
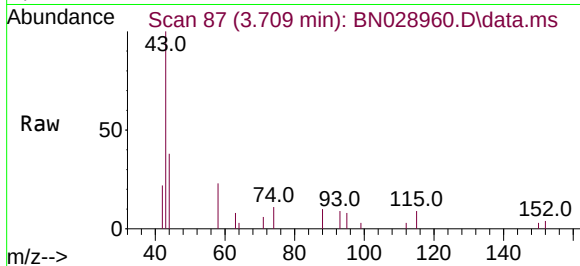




#3
n-Nitrosodimethylamine
Concen: 0.104 ng
RT: 3.709 min Scan# 81
Delta R.T. 0.007 min
Lab File: BN028960.D
Acq: 01 Dec 2023 23:01

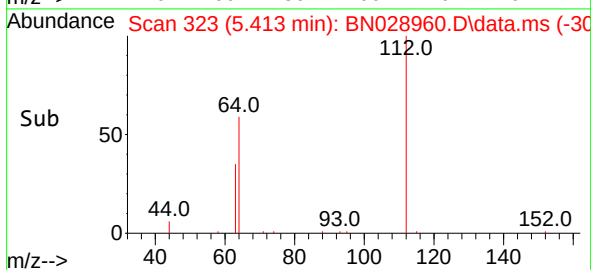
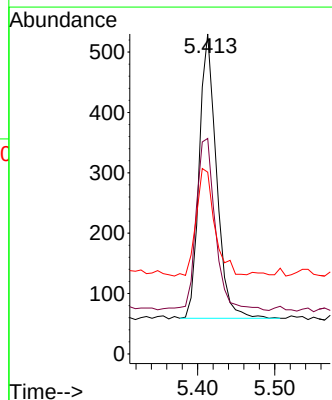
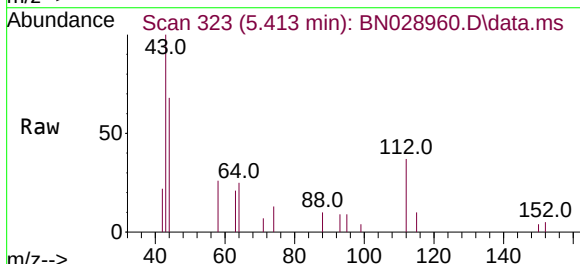
Instrument :
BNA_N
ClientSampleId :
TT161S1-20231108

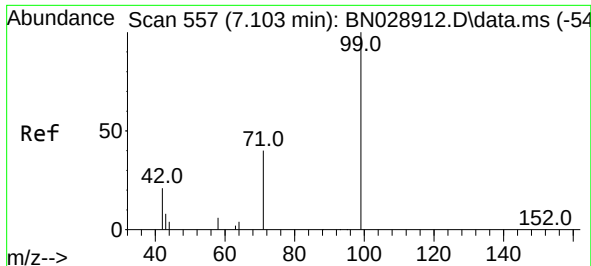
Tgt Ion: 42 Resp: 42
Ion Ratio Lower Upper
42 100
74 35.7 57.0 85.6#
44 288.1 0.0 0.0#



#4
2-Fluorophenol
Concen: 0.110 ng
RT: 5.413 min Scan# 323
Delta R.T. -0.000 min
Lab File: BN028960.D
Acq: 01 Dec 2023 23:01

Tgt Ion: 112 Resp: 732
Ion Ratio Lower Upper
112 100
64 67.9 51.5 77.3
63 40.6 30.4 45.6

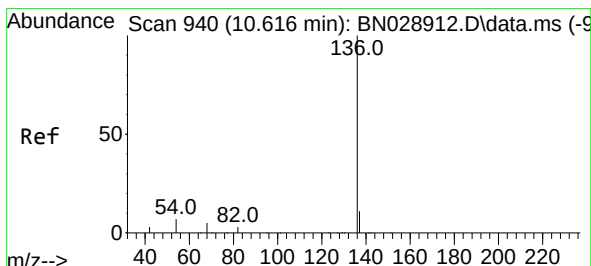
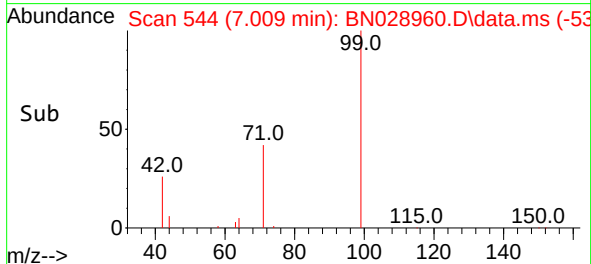
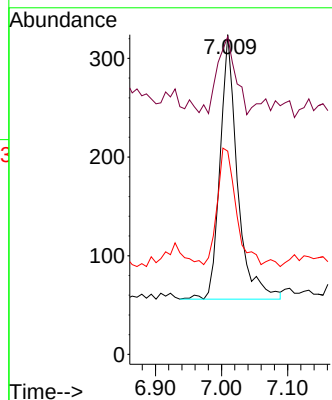
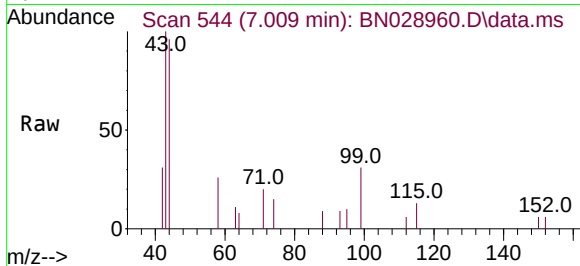




#5
Phenol-d6
Concen: 0.067 ng
RT: 7.009 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN028960.D
Acq: 01 Dec 2023 23:01

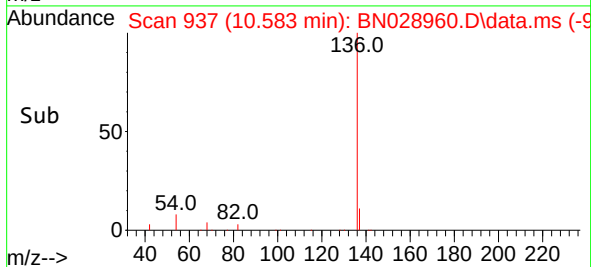
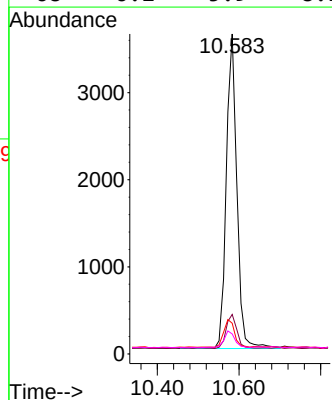
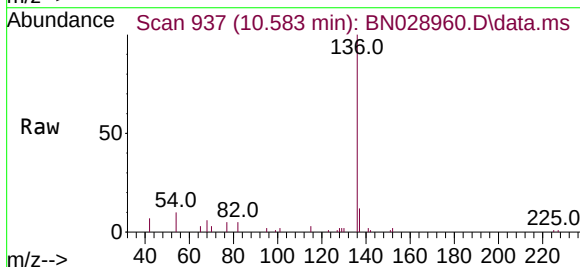
Instrument :
BNA_N
ClientSampleId :
TT161S1-20231108

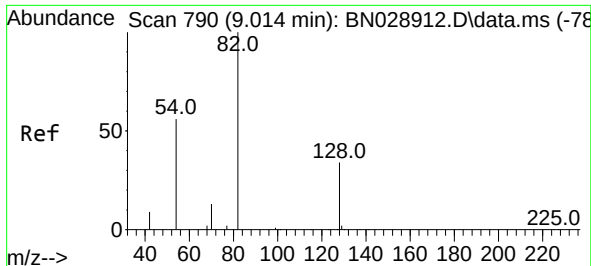
Tgt Ion: 99 Resp: 492
Ion Ratio Lower Upper
99 100
42 29.5 21.2 31.8
71 46.7 35.4 53.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.583 min Scan# 937
Delta R.T. -0.000 min
Lab File: BN028960.D
Acq: 01 Dec 2023 23:01

Tgt Ion: 136 Resp: 6505
Ion Ratio Lower Upper
136 100
137 12.3 10.6 16.0
54 9.6 7.5 11.3
68 6.2 5.9 8.9

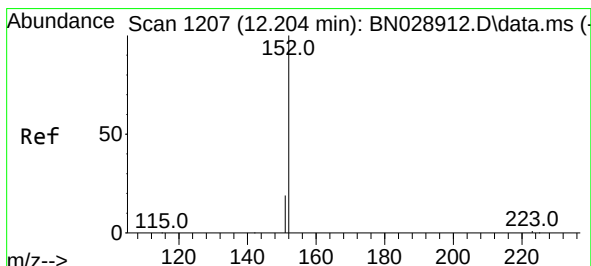
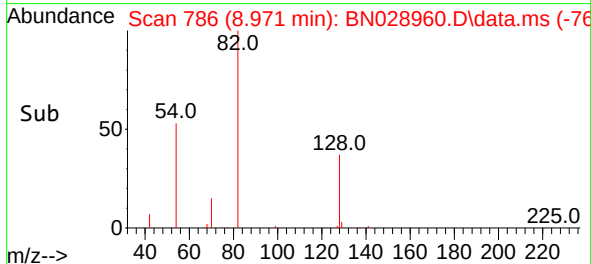
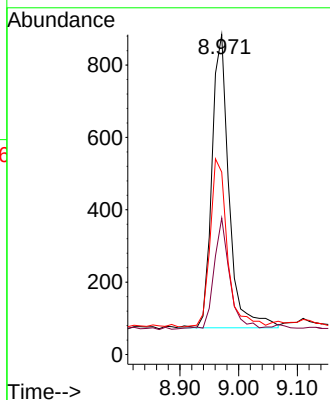
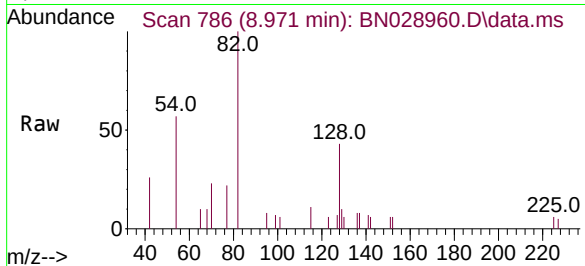




#8
Nitrobenzene-d5
Concen: 0.252 ng
RT: 8.971 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN028960.D
Acq: 01 Dec 2023 23:01

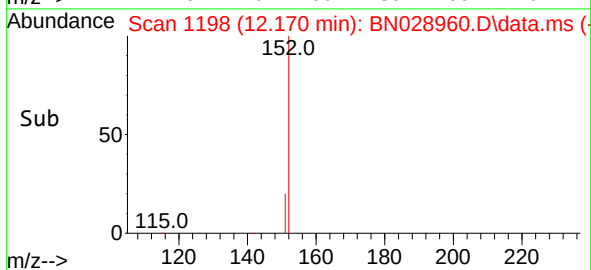
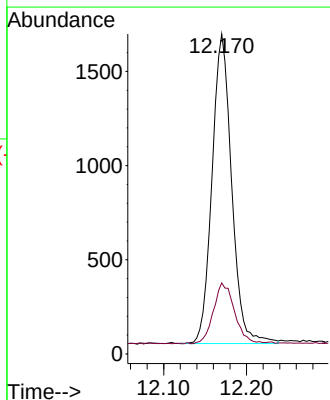
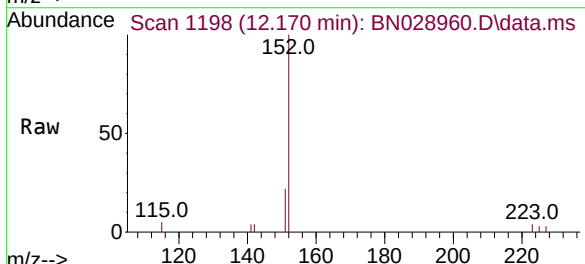
Instrument :
BNA_N
ClientSampleId :
TT161S1-20231108

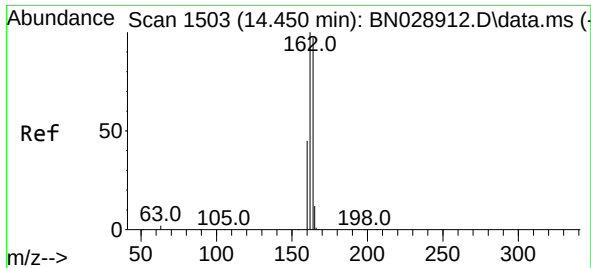
Tgt Ion:	82	Resp:	1632
Ion	Ratio	Lower	Upper
82	100		
128	42.6	29.2	43.8
54	57.0	47.0	70.6



#11
2-Methylnaphthalene-d10
Concen: 0.259 ng
RT: 12.170 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BN028960.D
Acq: 01 Dec 2023 23:01

Tgt Ion:	152	Resp:	2702
Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.7	25.1

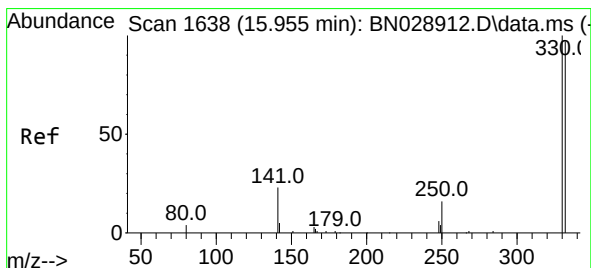
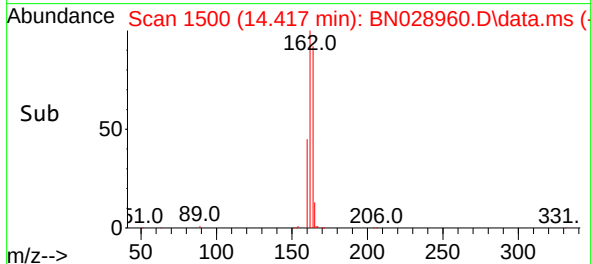
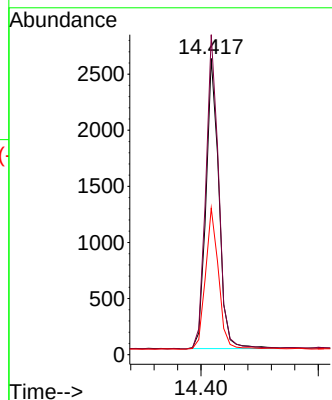
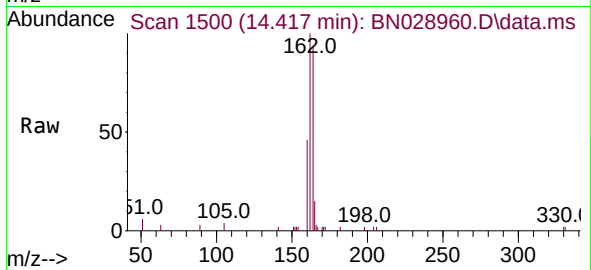




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.417 min Scan# 1500
Delta R.T. -0.000 min
Lab File: BN028960.D
Acq: 01 Dec 2023 23:01

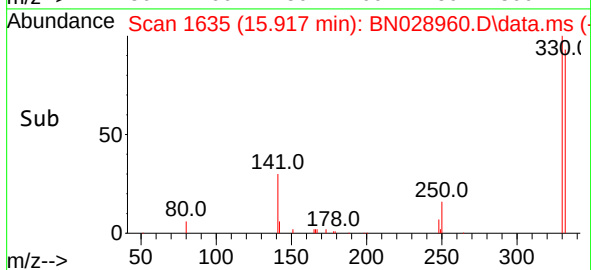
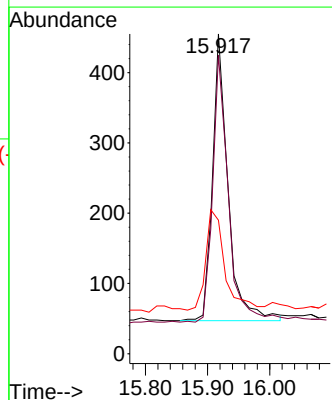
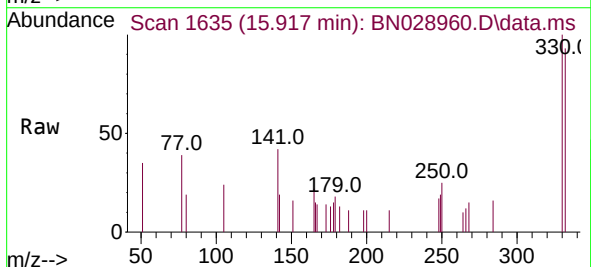
Instrument :
BNA_N
ClientSampleId :
TT161S1-20231108

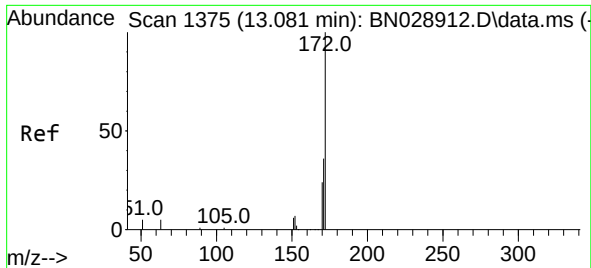
Tgt Ion:164 Resp: 3967
Ion Ratio Lower Upper
164 100
162 108.0 81.7 122.5
160 49.5 37.0 55.6



#14
2,4,6-Tribromophenol
Concen: 0.265 ng
RT: 15.917 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BN028960.D
Acq: 01 Dec 2023 23:01

Tgt Ion:330 Resp: 709
Ion Ratio Lower Upper
330 100
332 94.4 75.4 113.2
141 42.9 35.7 53.5

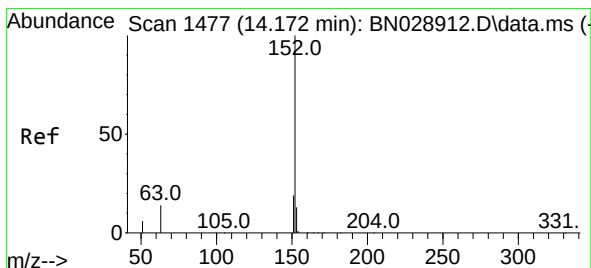
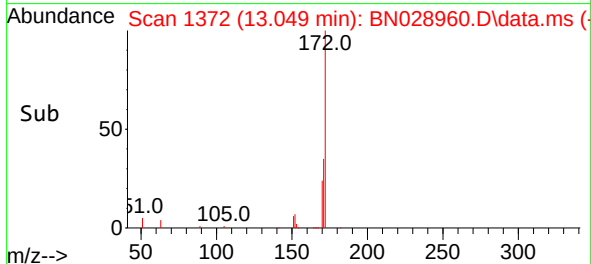
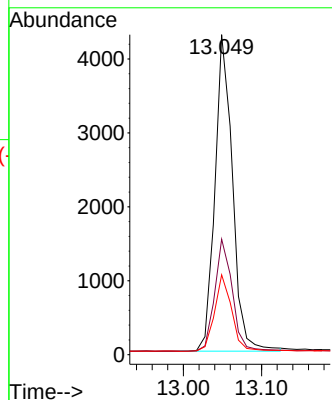
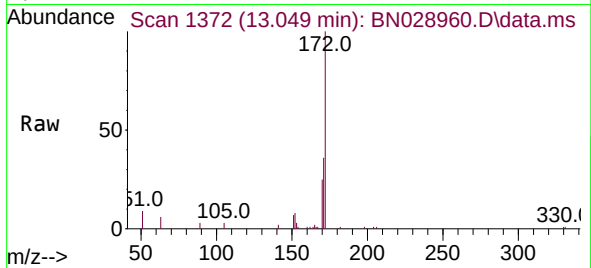




#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 13.049 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN028960.D
Acq: 01 Dec 2023 23:01

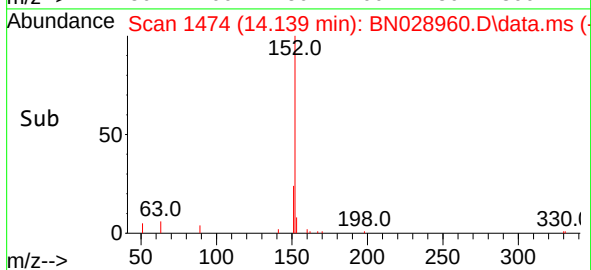
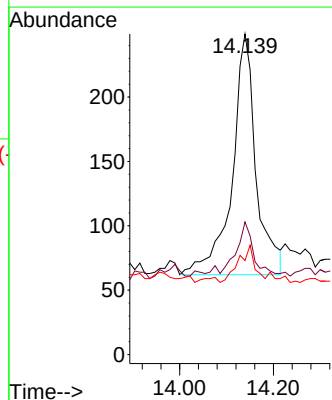
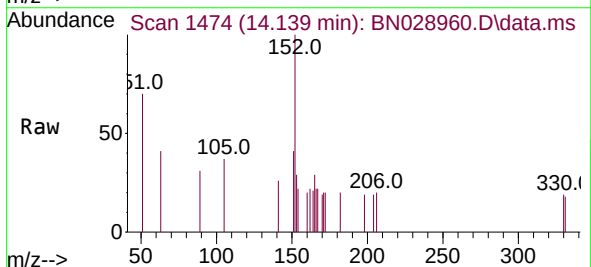
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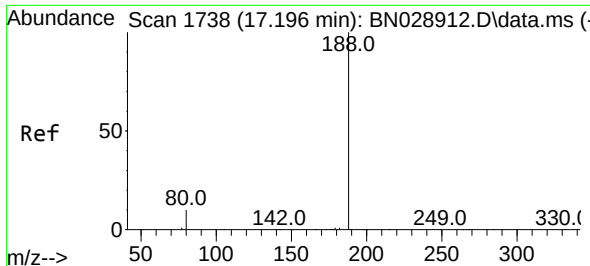
Tgt Ion:	172	Resp:	6670
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.0	43.4
170	25.0	19.7	29.5



#16
Acenaphthylene
Concen: 0.032 ng
RT: 14.139 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BN028960.D
Acq: 01 Dec 2023 23:01

Tgt Ion:	152	Resp:	663
Ion Ratio	Lower	Upper	
152	100		
151	18.6	15.9	23.9
153	10.4	10.8	16.2

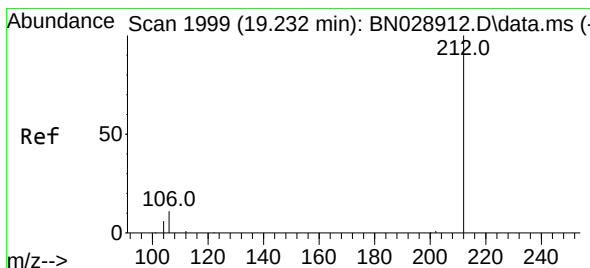
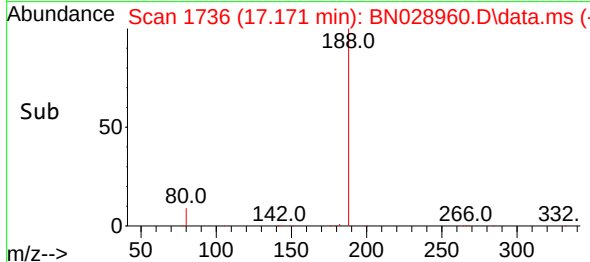
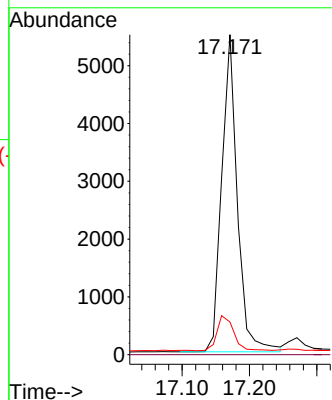
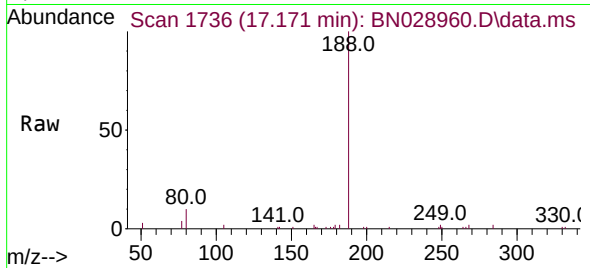




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.171 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BN028960.D
Acq: 01 Dec 2023 23:01

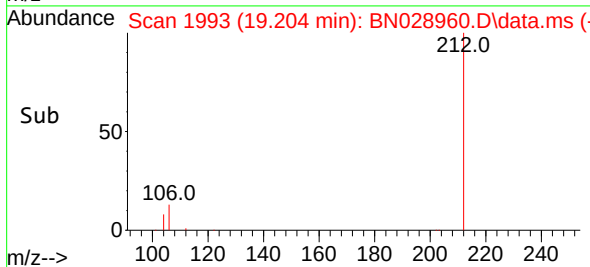
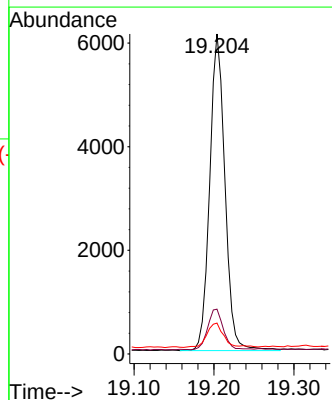
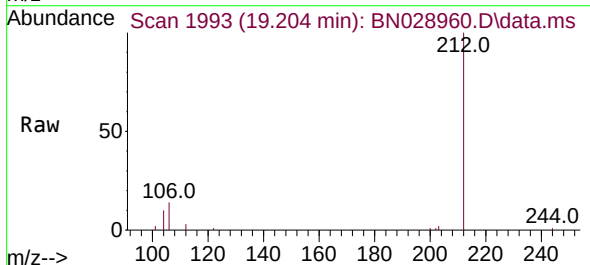
Instrument :
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TT161S1-20231108

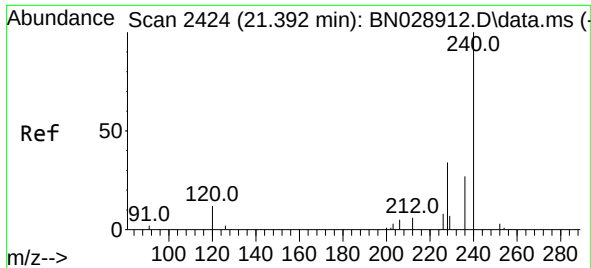
Tgt Ion:188 Resp: 8827
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.2 9.0 13.6



#27
Fluoranthene-d10
Concen: 0.348 ng
RT: 19.204 min Scan# 1993
Delta R.T. -0.005 min
Lab File: BN028960.D
Acq: 01 Dec 2023 23:01

Tgt Ion:212 Resp: 8091
Ion Ratio Lower Upper
212 100
106 13.2 9.4 14.2
104 8.3 6.2 9.2

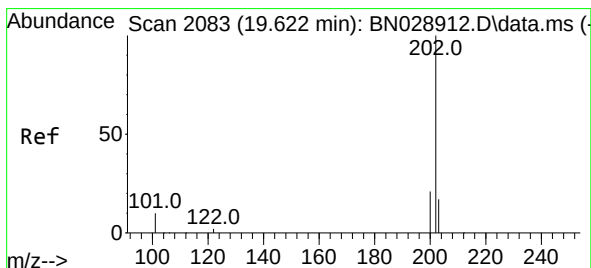
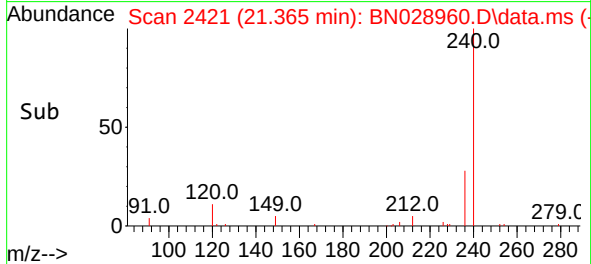
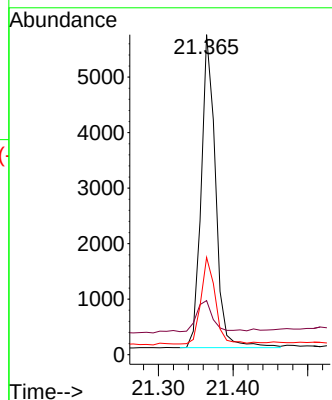
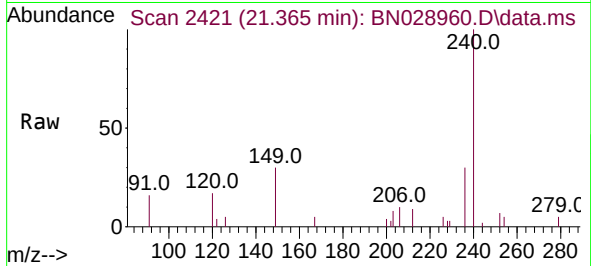




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.365 min Scan# 2421
Delta R.T. -0.009 min
Lab File: BN028960.D
Acq: 01 Dec 2023 23:01

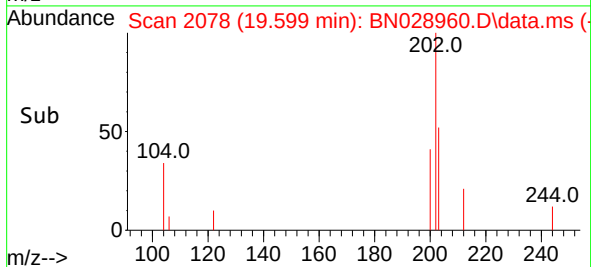
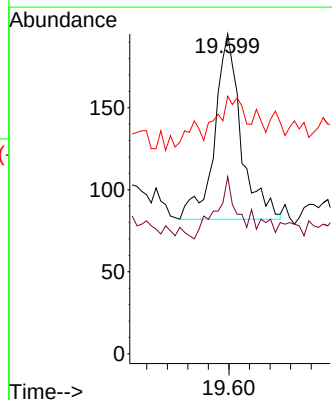
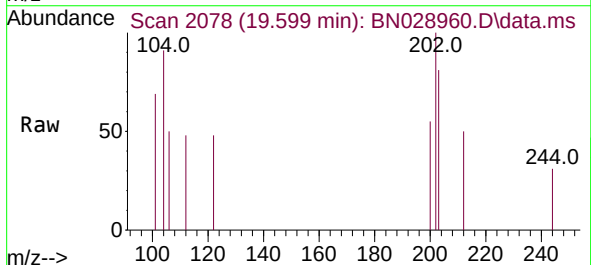
Instrument :
BNA_N
ClientSampleId :
TT161S1-20231108

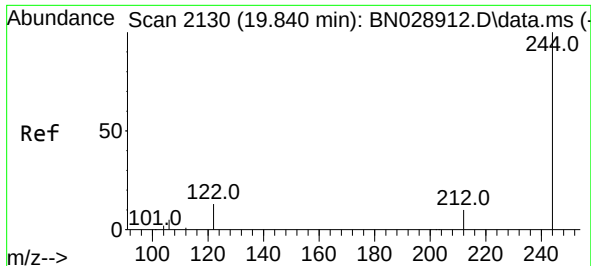
Tgt Ion:240 Resp: 7550
Ion Ratio Lower Upper
240 100
120 16.9 37.1 55.7#
236 30.4 32.4 48.6#



#30
Pyrene
Concen: 0.098 ng
RT: 19.599 min Scan# 2078
Delta R.T. -0.005 min
Lab File: BN028960.D
Acq: 01 Dec 2023 23:01

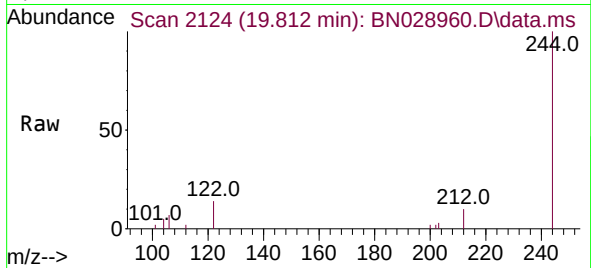
Tgt Ion:202 Resp: 201
Ion Ratio Lower Upper
202 100
200 25.4 16.9 25.3#
203 25.9 14.8 22.2#



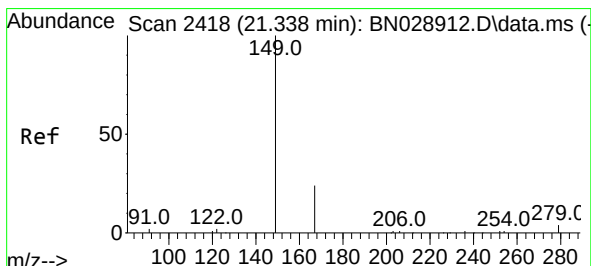
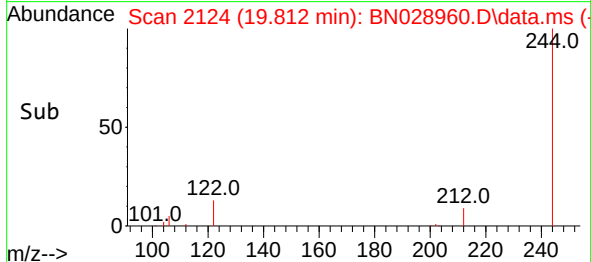
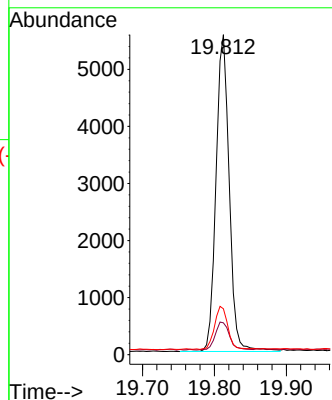


#31
Terphenyl-d14
Concen: 0.354 ng
RT: 19.812 min Scan# 2130
Delta R.T. -0.005 min
Lab File: BN028960.D
Acq: 01 Dec 2023 23:01

Instrument :
BNA_N
ClientSampleId :
TT161S1-20231108

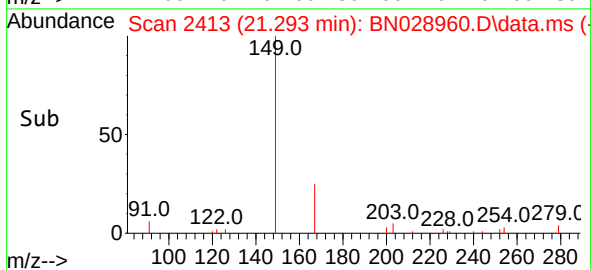
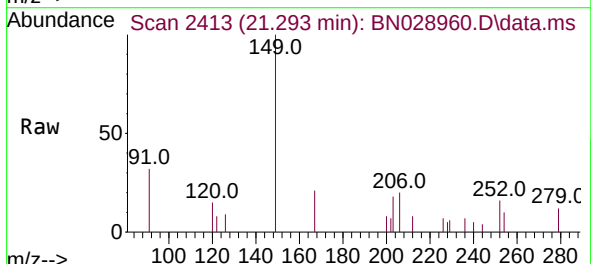
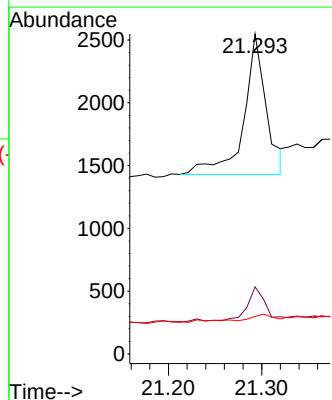


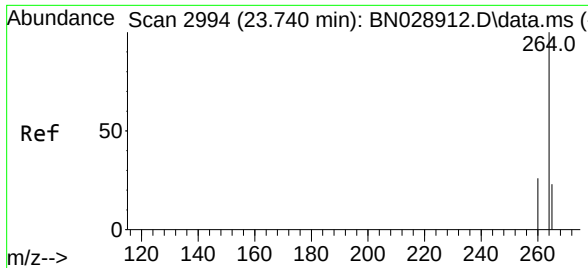
Tgt Ion:244 Resp: 7051
Ion Ratio Lower Upper
244 100
212 10.0 11.5 17.3#
122 14.3 13.2 19.8



#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 21.293 min Scan# 2413
Delta R.T. -0.009 min
Lab File: BN028960.D
Acq: 01 Dec 2023 23:01

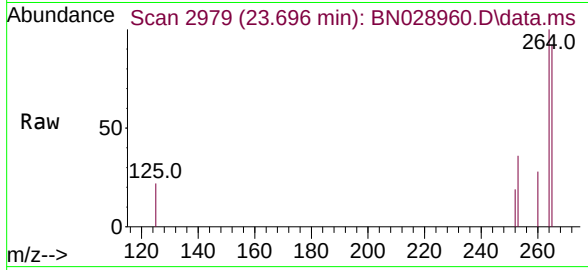
Tgt Ion:149 Resp: 1866
Ion Ratio Lower Upper
149 100
167 19.4 14.9 22.3
279 9.1 6.3 9.5





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.696 min Scan# 2994
 Delta R.T. -0.012 min
 Lab File: BN028960.D
 Acq: 01 Dec 2023 23:01

Instrument :
 BNA_N
 ClientSampleId :
 TT161S1-20231108



Tgt Ion:264 Resp: 7202

Ion	Ratio	Lower	Upper
264	100		
260	28.3	20.6	30.8
265	91.8	464.5	696.7#

