

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
 Data File : BN032602.D
 Acq On : 10 Jul 2024 00:24
 Operator : MA/JU
 Sample : P3167-08RE
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB196-HYD-20240703RE

Quant Time: Jul 10 01:03:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 02:39:48 2024
 Response via : Initial Calibration

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

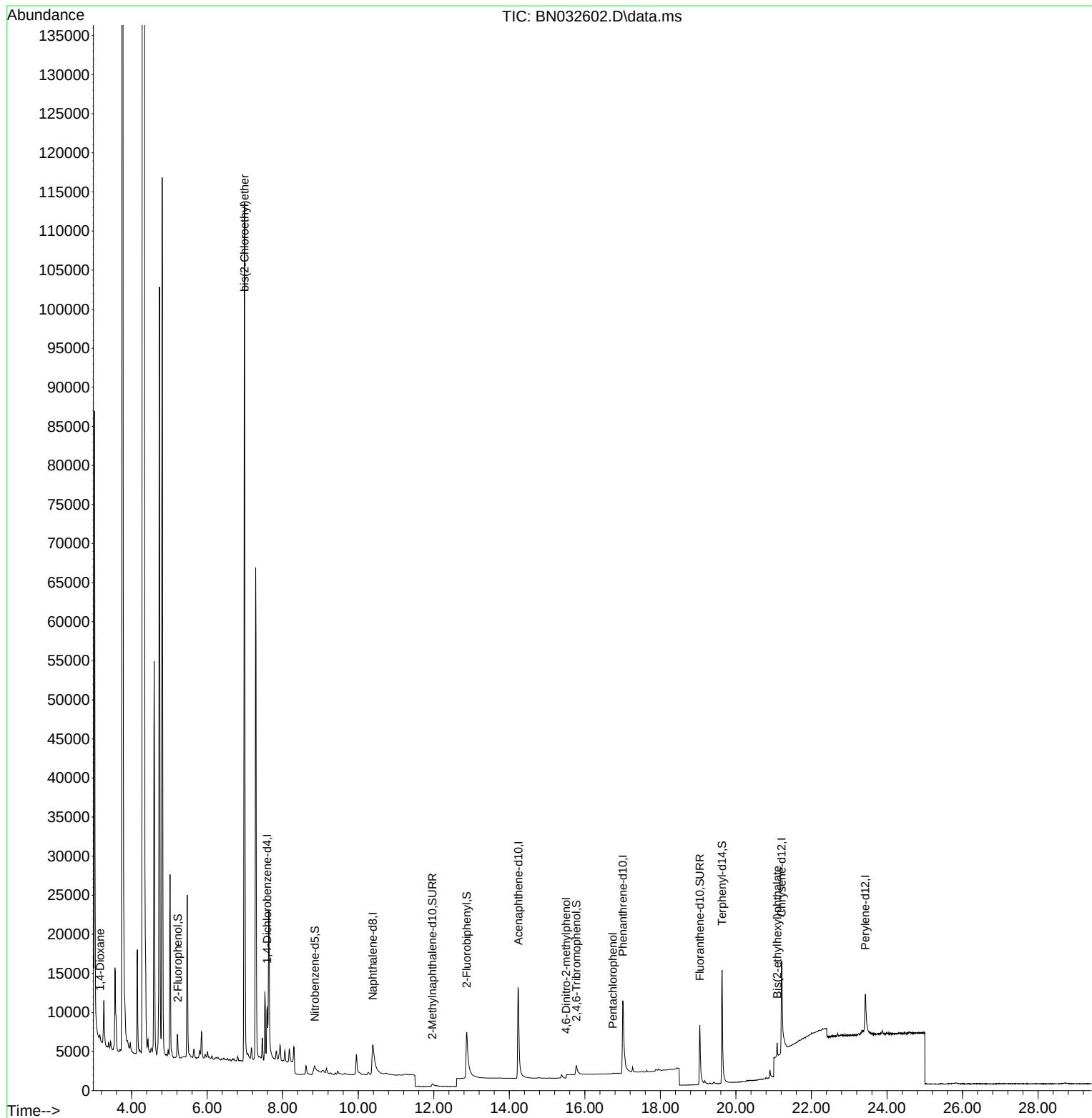
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.588	152	5114	0.400	ng	0.00
7) Naphthalene-d8	10.389	136	15939	0.400	ng	0.01
13) Acenaphthene-d10	14.242	164	11709	0.400	ng	0.01
19) Phenanthrene-d10	17.004	188	25762	0.400	ng	# 0.00
29) Chrysene-d12	21.211	240	18748	0.400	ng	0.00
35) Perylene-d12	23.428	264	10330	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.227	112	583	0.045	ng	0.01
5) Phenol-d6	6.801	99	152	0.009	ng	-0.02
8) Nitrobenzene-d5	8.851	82	3022	0.254	ng	0.05
11) 2-Methylnaphthalene-d10	11.967	152	1628	0.065	ng	-0.02
14) 2,4,6-Tribromophenol	15.775	330	1316	0.248	ng	0.01
15) 2-Fluorobiphenyl	12.874	172	13574	0.315	ng	0.01
27) Fluoranthene-d10	19.044	212	12884	0.192	ng	0.00
31) Terphenyl-d14	19.634	244	21296	0.465	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.161	88	492	0.073	ng	# 71
6) bis(2-Chloroethyl)ether	6.989	93	84887	5.961	ng	# 47
20) 4,6-Dinitro-2-methylph...	15.504	198	1	0.197	ng	# 1
24) Pentachlorophenol	16.743	266	27	0.171	ng	# 30
34) Bis(2-ethylhexyl)phtha...	21.094	149	2048	0.049	ng	96

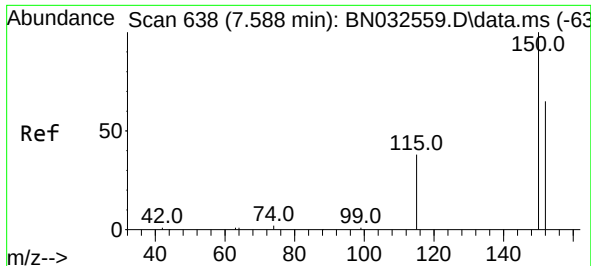
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
Data File : BN032602.D
Acq On : 10 Jul 2024 00:24
Operator : MA/JU
Sample : P3167-08RE
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
VPB196-HYD-20240703RE

Quant Time: Jul 10 01:03:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 02:39:48 2024
Response via : Initial Calibration

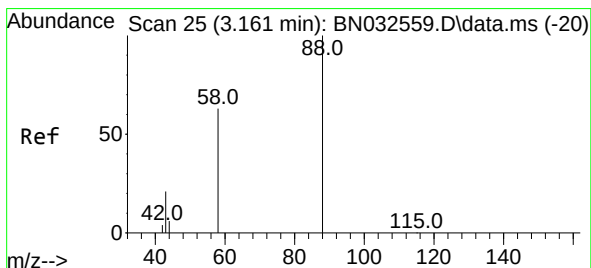
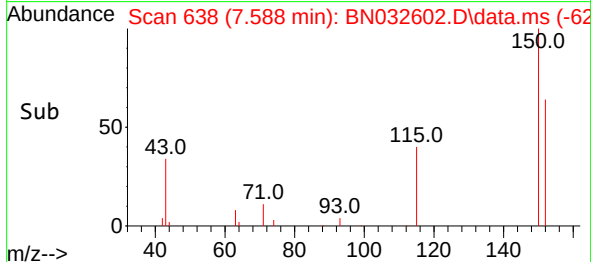
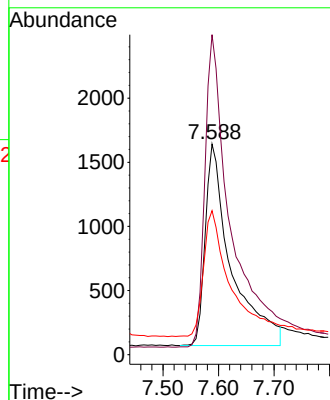
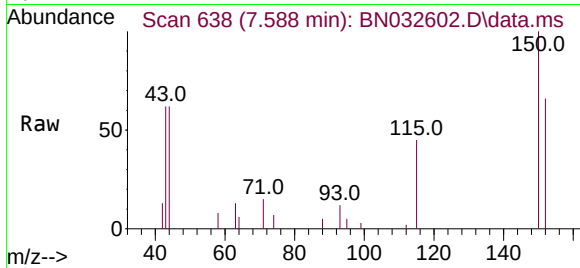




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.588 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN032602.D
 Acq: 10 Jul 2024 00:24

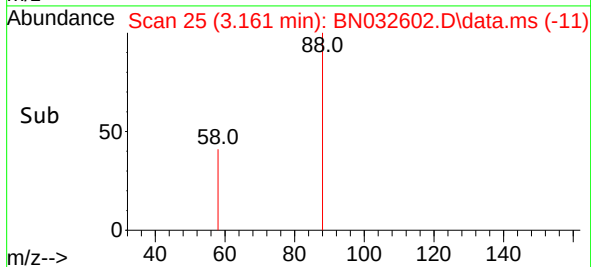
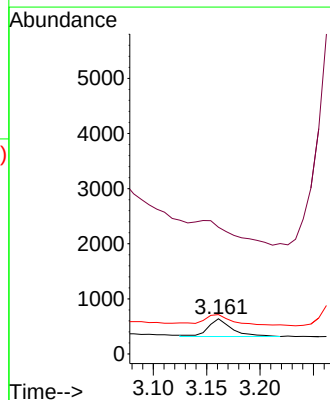
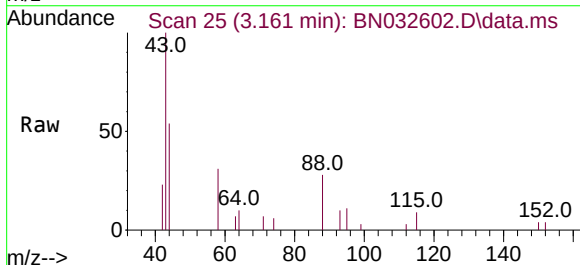
Instrument :
 BNA_N
 ClientSampleId :
 VPB196-HYD-20240703RE

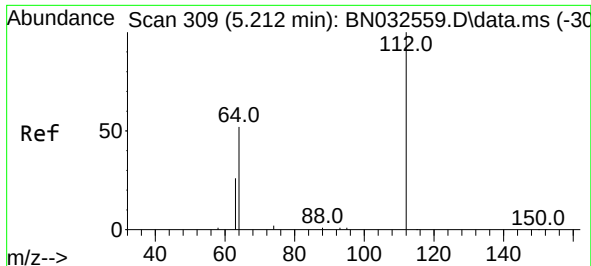
Tgt Ion:152 Resp: 5114
 Ion Ratio Lower Upper
 152 100
 150 151.9 121.6 182.4
 115 68.4 53.1 79.7



#2
 1,4-Dioxane
 Concen: 0.073 ng
 RT: 3.161 min Scan# 25
 Delta R.T. 0.000 min
 Lab File: BN032602.D
 Acq: 10 Jul 2024 00:24

Tgt Ion: 88 Resp: 492
 Ion Ratio Lower Upper
 88 100
 43 0.0 20.4 30.6#
 58 79.3 51.0 76.6#

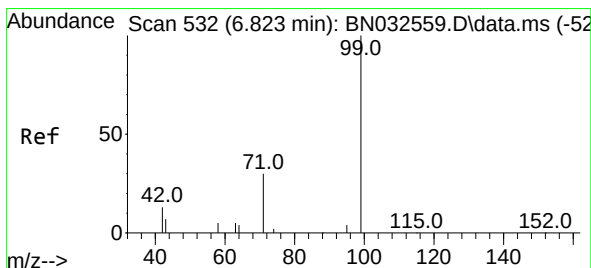
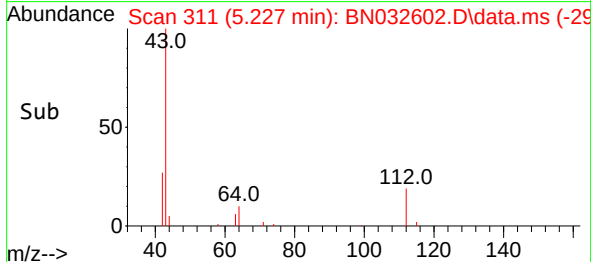
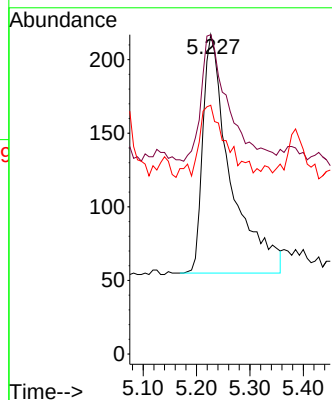
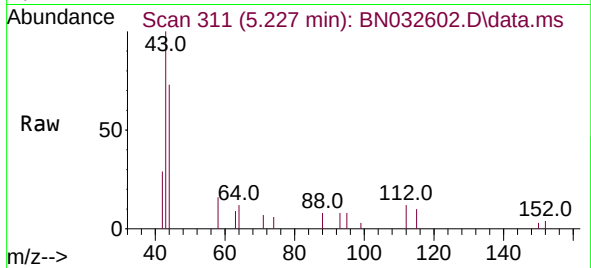




#4
2-Fluorophenol
Concen: 0.045 ng
RT: 5.227 min Scan# 311
Delta R.T. 0.014 min
Lab File: BN032602.D
Acq: 10 Jul 2024 00:24

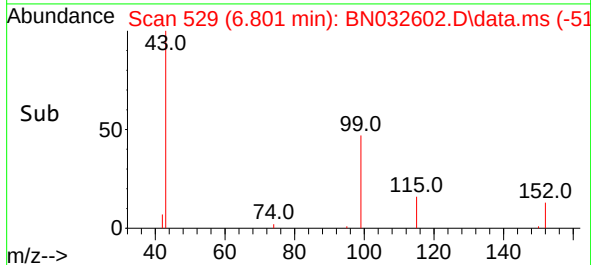
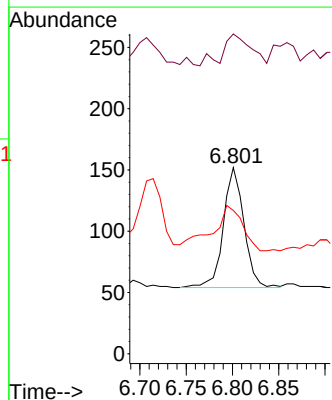
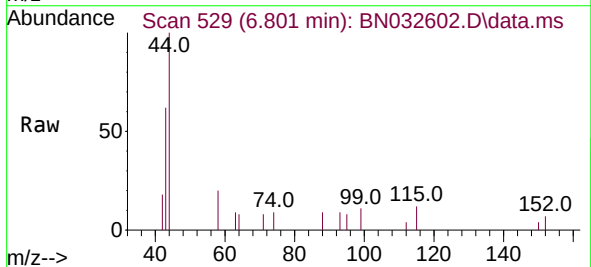
Instrument :
BNA_N
ClientSampleId :
VPB196-HYD-20240703RE

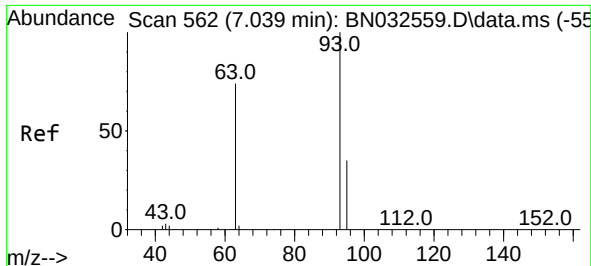
Tgt Ion:112 Resp: 583
Ion Ratio Lower Upper
112 100
64 51.5 41.2 61.8
63 30.9 21.6 32.4



#5
Phenol-d6
Concen: 0.009 ng
RT: 6.801 min Scan# 529
Delta R.T. -0.022 min
Lab File: BN032602.D
Acq: 10 Jul 2024 00:24

Tgt Ion: 99 Resp: 152
Ion Ratio Lower Upper
99 100
42 0.0 10.6 16.0#
71 0.0 25.2 37.8#

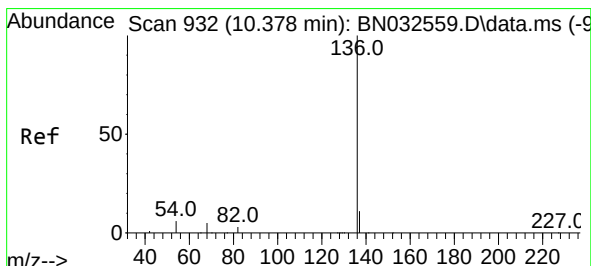
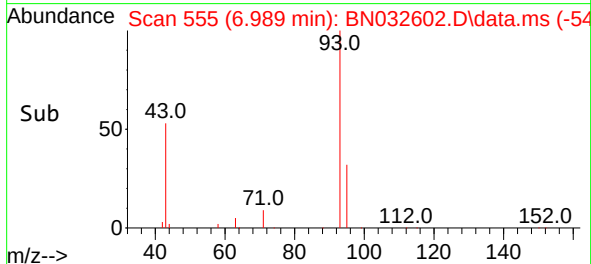
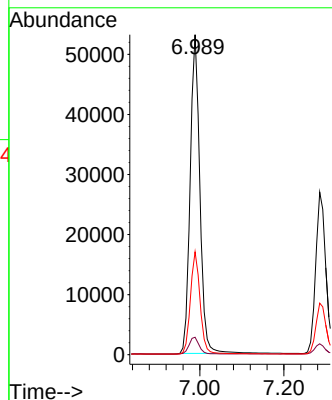
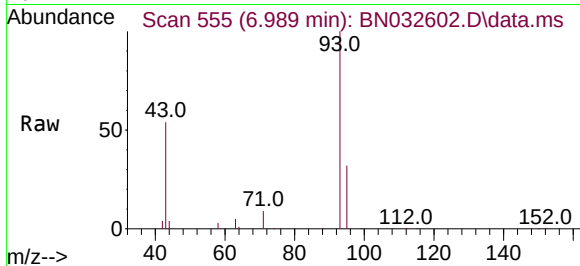




#6
bis(2-Chloroethyl)ether
Concen: 5.961 ng
RT: 6.989 min Scan# 51
Delta R.T. -0.050 min
Lab File: BN032602.D
Acq: 10 Jul 2024 00:24

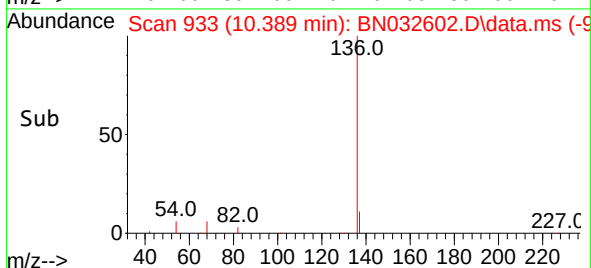
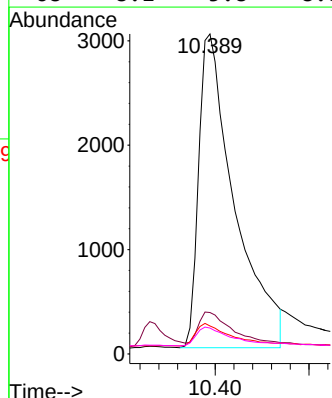
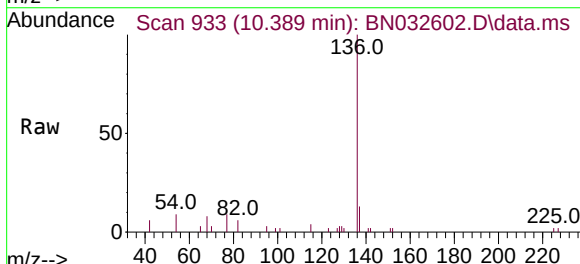
Instrument :
BNA_N
ClientSampleId :
VPB196-HYD-20240703RE

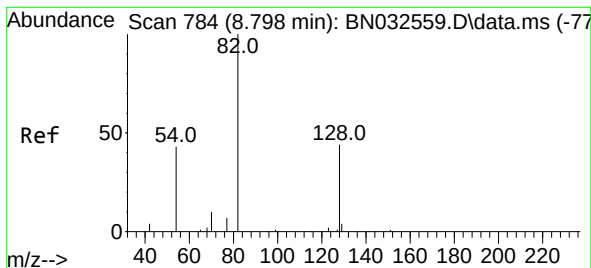
Tgt Ion: 93 Resp: 84887
Ion Ratio Lower Upper
93 100
63 5.4 54.1 81.1#
95 31.8 30.5 45.7



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.389 min Scan# 933
Delta R.T. 0.011 min
Lab File: BN032602.D
Acq: 10 Jul 2024 00:24

Tgt Ion:136 Resp: 15939
Ion Ratio Lower Upper
136 100
137 12.9 10.0 15.0
54 8.8 6.6 9.8
68 8.1 5.8 8.8





#8

Nitrobenzene-d5

Concen: 0.254 ng

RT: 8.851 min Scan# 71

Delta R.T. 0.053 min

Lab File: BN032602.D

Acq: 10 Jul 2024 00:24

Instrument :

BNA_N

ClientSampleId :

VPB196-HYD-20240703RE

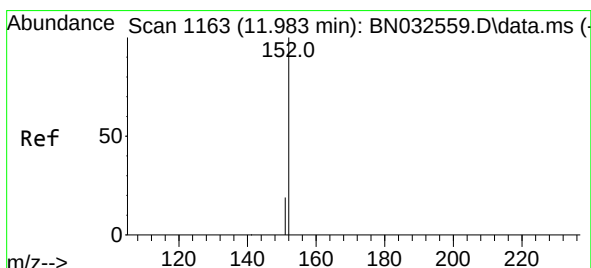
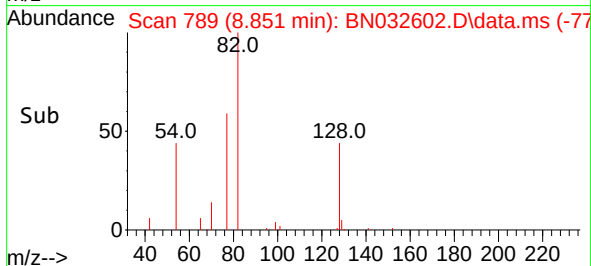
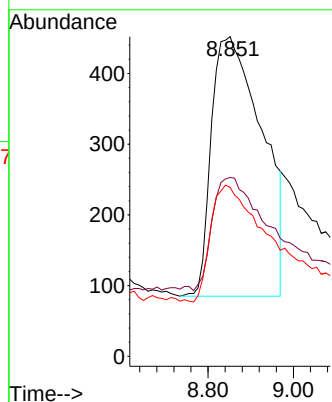
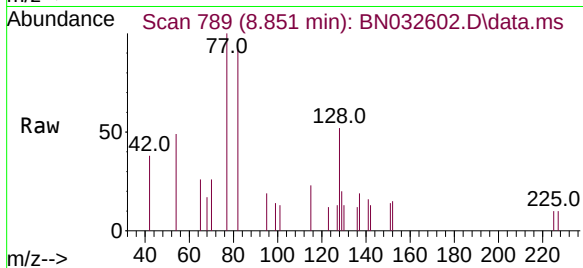
Tgt Ion: 82 Resp: 3022

Ion Ratio Lower Upper

82 100

128 56.0 43.4 65.2

54 52.9 40.2 60.2



#11

2-Methylnaphthalene-d10

Concen: 0.065 ng

RT: 11.967 min Scan# 1159

Delta R.T. -0.015 min

Lab File: BN032602.D

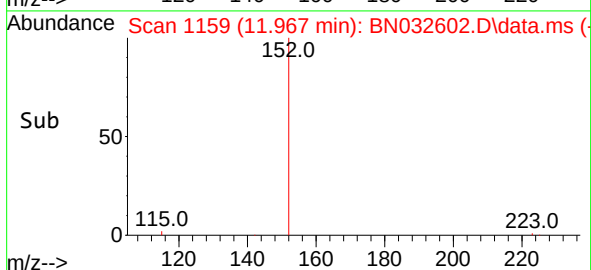
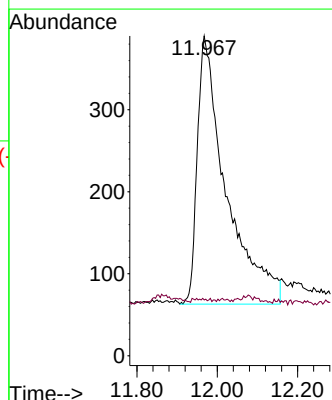
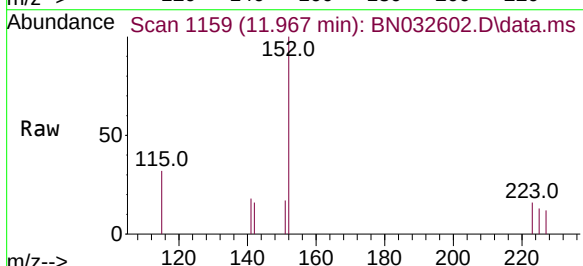
Acq: 10 Jul 2024 00:24

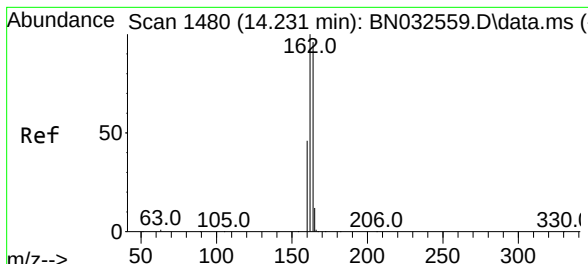
Tgt Ion: 152 Resp: 1628

Ion Ratio Lower Upper

152 100

151 0.0 16.4 24.6#

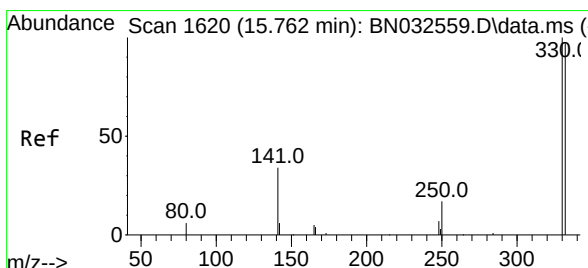
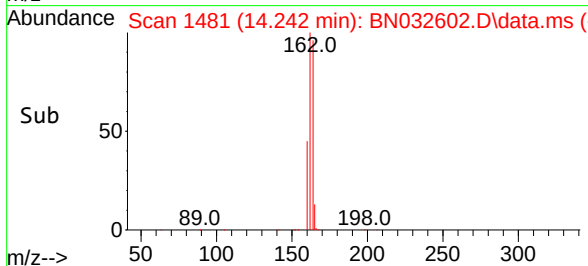
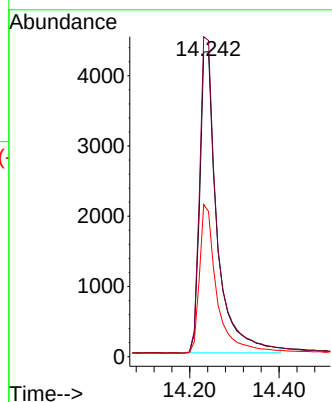
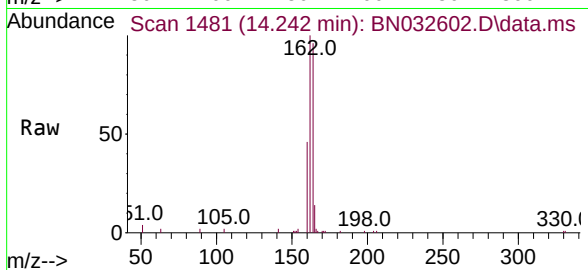




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.242 min Scan# 1480
Delta R.T. 0.011 min
Lab File: BN032602.D
Acq: 10 Jul 2024 00:24

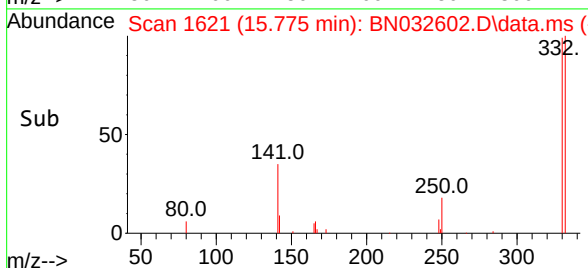
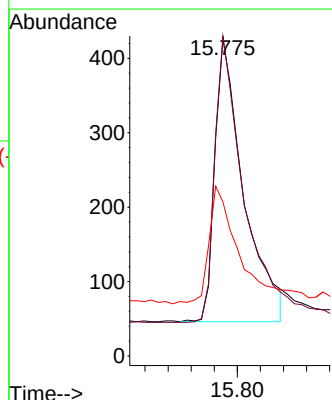
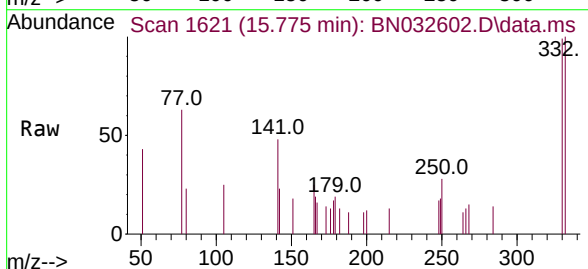
Instrument :
BNA_N
ClientSampleId :
VPB196-HYD-20240703RE

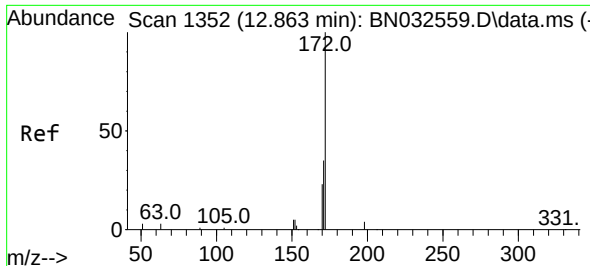
Tgt Ion:164	Resp:	11709
Ion Ratio	Lower	Upper
164	100	
162	103.7	83.2 124.8
160	47.6	38.6 57.8



#14
2,4,6-Tribromophenol
Concen: 0.248 ng
RT: 15.775 min Scan# 1621
Delta R.T. 0.012 min
Lab File: BN032602.D
Acq: 10 Jul 2024 00:24

Tgt Ion:330	Resp:	1316
Ion Ratio	Lower	Upper
330	100	
332	100.5	77.7 116.5
141	40.7	31.8 47.8

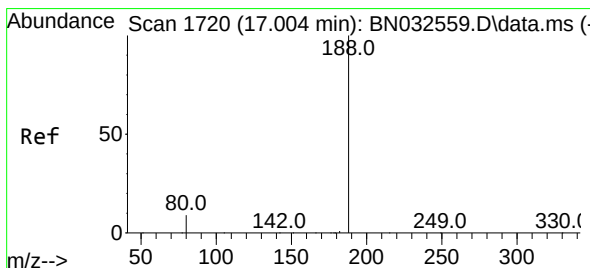
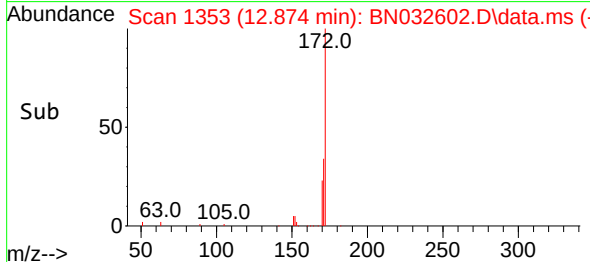
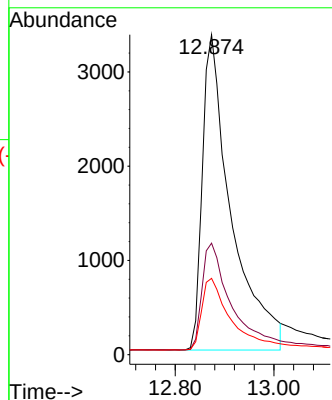
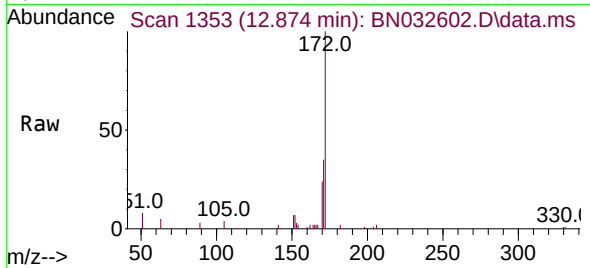




#15
2-Fluorobiphenyl
Concen: 0.315 ng
RT: 12.874 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN032602.D
Acq: 10 Jul 2024 00:24

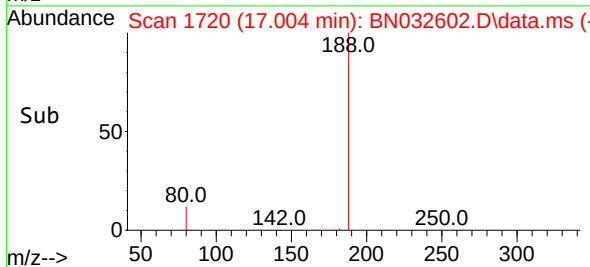
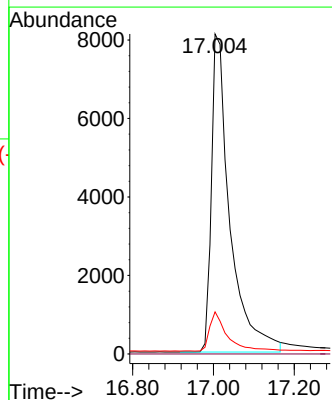
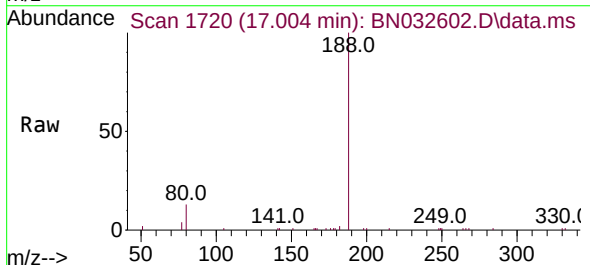
Instrument :
BNA_N
ClientSampleId :
VPB196-HYD-20240703RE

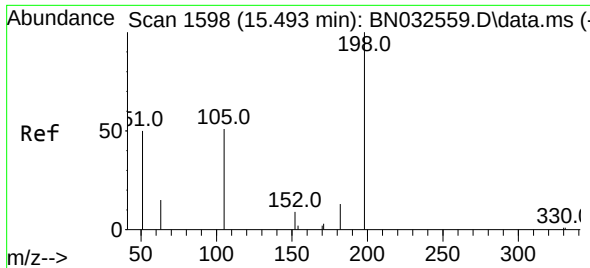
Tgt Ion:172 Resp: 13574
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 23.8 19.2 28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.004 min Scan# 1720
Delta R.T. 0.000 min
Lab File: BN032602.D
Acq: 10 Jul 2024 00:24

Tgt Ion:188 Resp: 25762
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.1 7.8 11.6#

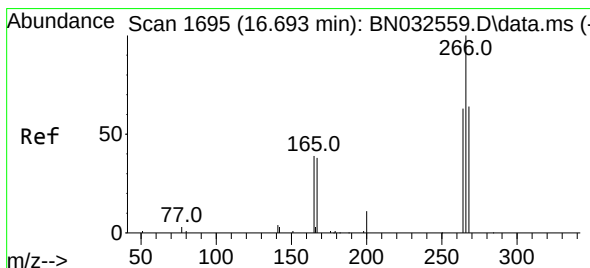
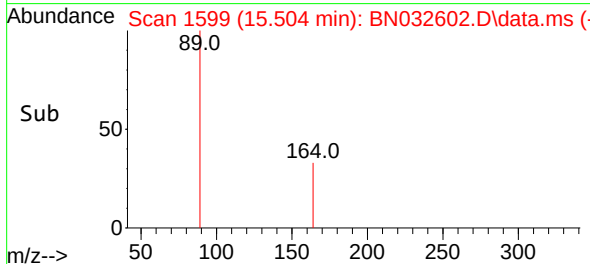
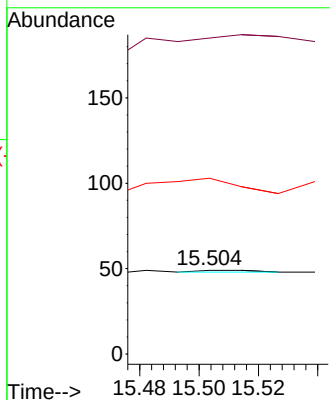
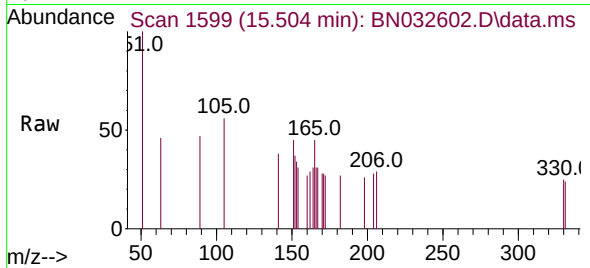




#20
4,6-Dinitro-2-methylphenol
Concen: 0.197 ng
RT: 15.504 min Scan# 1599
Delta R.T. 0.011 min
Lab File: BN032602.D
Acq: 10 Jul 2024 00:24

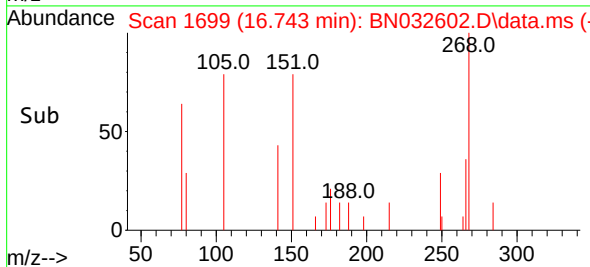
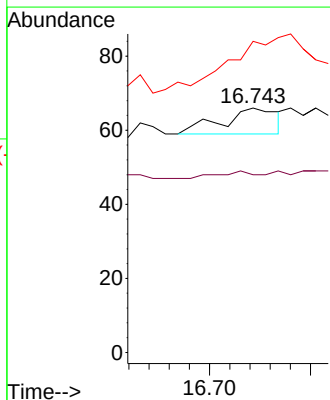
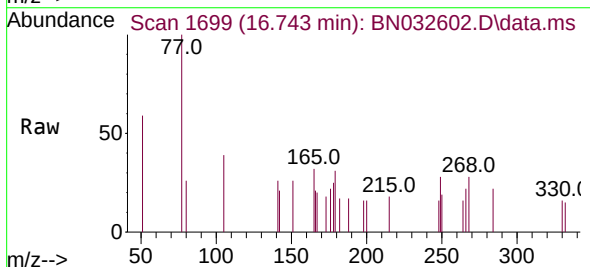
Instrument :
BNA_N
ClientSampleId :
VPB196-HYD-20240703RE

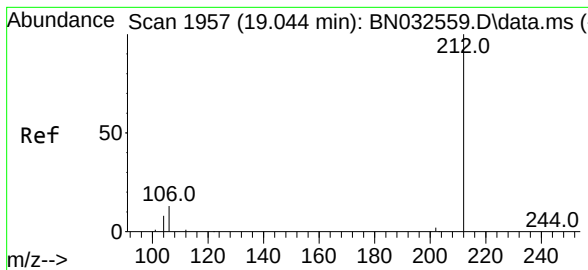
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 377.6 123.4 185.2#
105 210.2 79.5 119.3#



#24
Pentachlorophenol
Concen: 0.171 ng
RT: 16.743 min Scan# 1699
Delta R.T. 0.050 min
Lab File: BN032602.D
Acq: 10 Jul 2024 00:24

Tgt Ion:266 Resp: 27
Ion Ratio Lower Upper
266 100
264 18.5 49.6 74.4#
268 0.0 52.2 78.2#

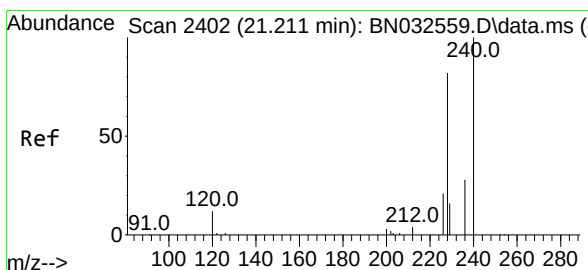
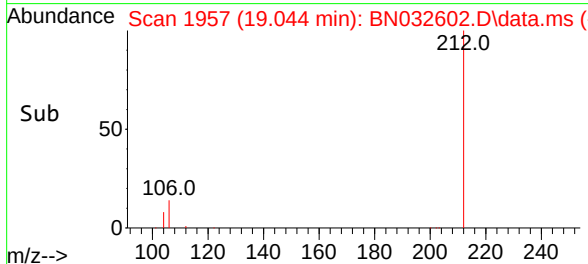
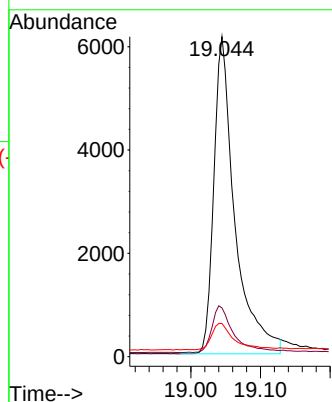
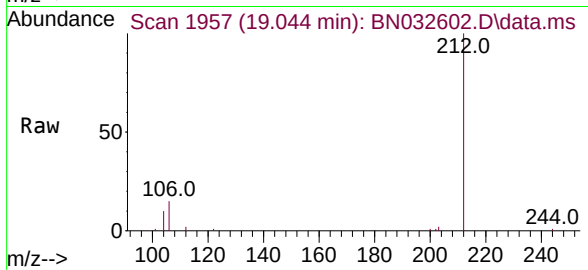




#27
Fluoranthene-d10
Concen: 0.192 ng
RT: 19.044 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BN032602.D
Acq: 10 Jul 2024 00:24

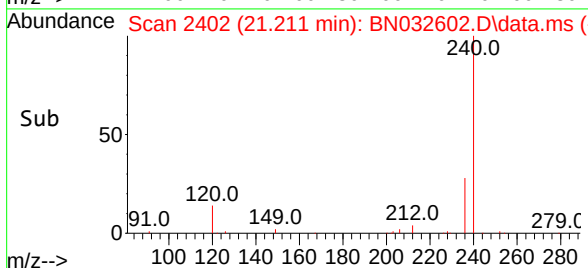
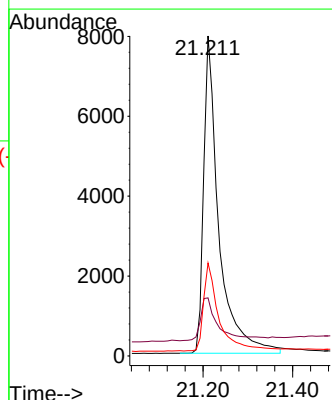
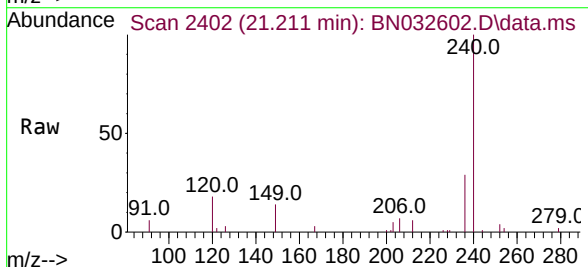
Instrument :
BNA_N
ClientSampleId :
VPB196-HYD-20240703RE

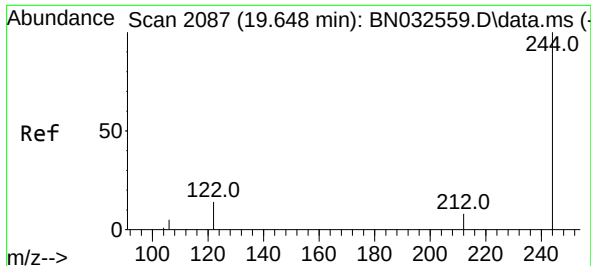
Tgt Ion:	212	Resp:	12884
Ion	Ratio	Lower	Upper
212	100		
106	15.2	11.8	17.8
104	8.7	6.9	10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.211 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BN032602.D
Acq: 10 Jul 2024 00:24

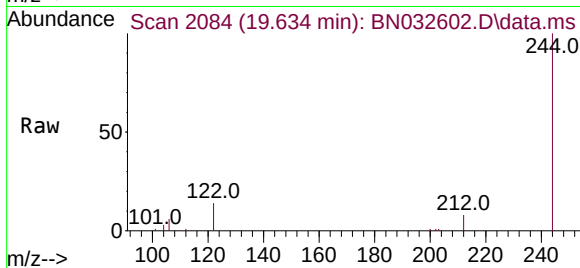
Tgt Ion:	240	Resp:	18748
Ion	Ratio	Lower	Upper
240	100		
120	18.2	13.0	19.4
236	29.1	23.1	34.7



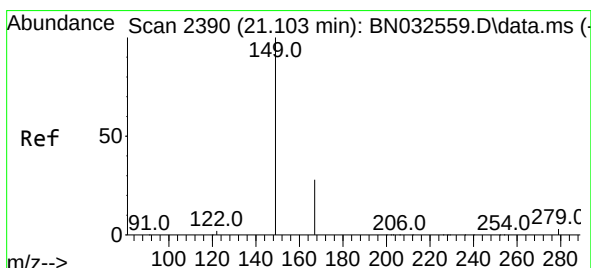
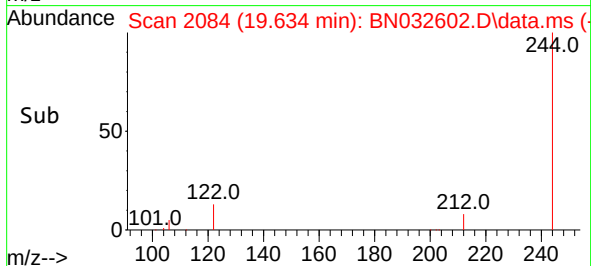
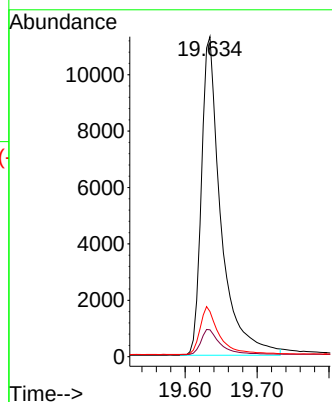


#31
Terphenyl-d14
Concen: 0.465 ng
RT: 19.634 min Scan# 2084
Delta R.T. -0.014 min
Lab File: BN032602.D
Acq: 10 Jul 2024 00:24

Instrument :
BNA_N
ClientSampleId :
VPB196-HYD-20240703RE

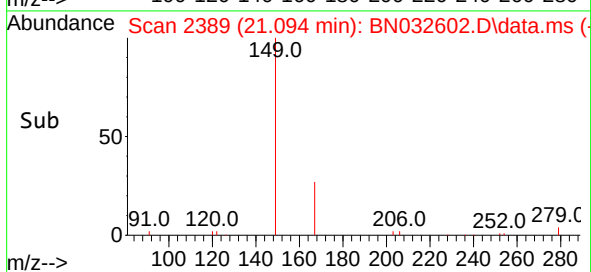
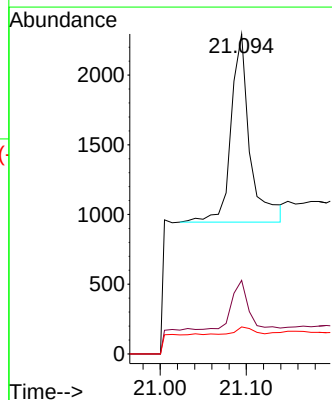
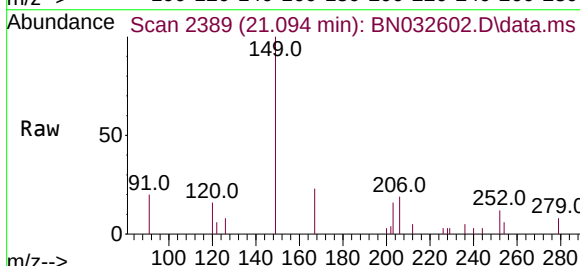


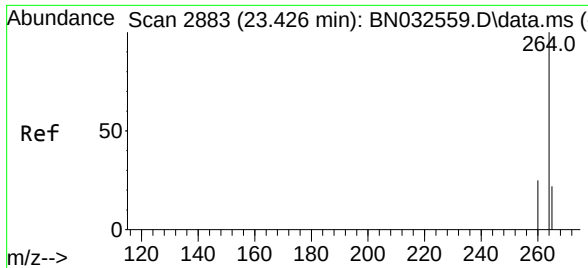
Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.2	10.8
122	14.1	12.1	18.1



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.049 ng
RT: 21.094 min Scan# 2389
Delta R.T. -0.009 min
Lab File: BN032602.D
Acq: 10 Jul 2024 00:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.5	21.6	32.4
279	3.8	3.0	4.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.428 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BN032602.D
 Acq: 10 Jul 2024 00:24

Instrument :
 BNA_N
 ClientSampleId :
 VPB196-HYD-20240703RE

Tgt Ion:	264	Resp:	10330
Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.0	31.6
265	151.5	76.6	115.0#

