

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
 Data File : BN032589.D
 Acq On : 09 Jul 2024 15:50
 Operator : MA/JU
 Sample : P3128-03
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB189-HYD-20240626

Quant Time: Jul 09 16:46:14 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)

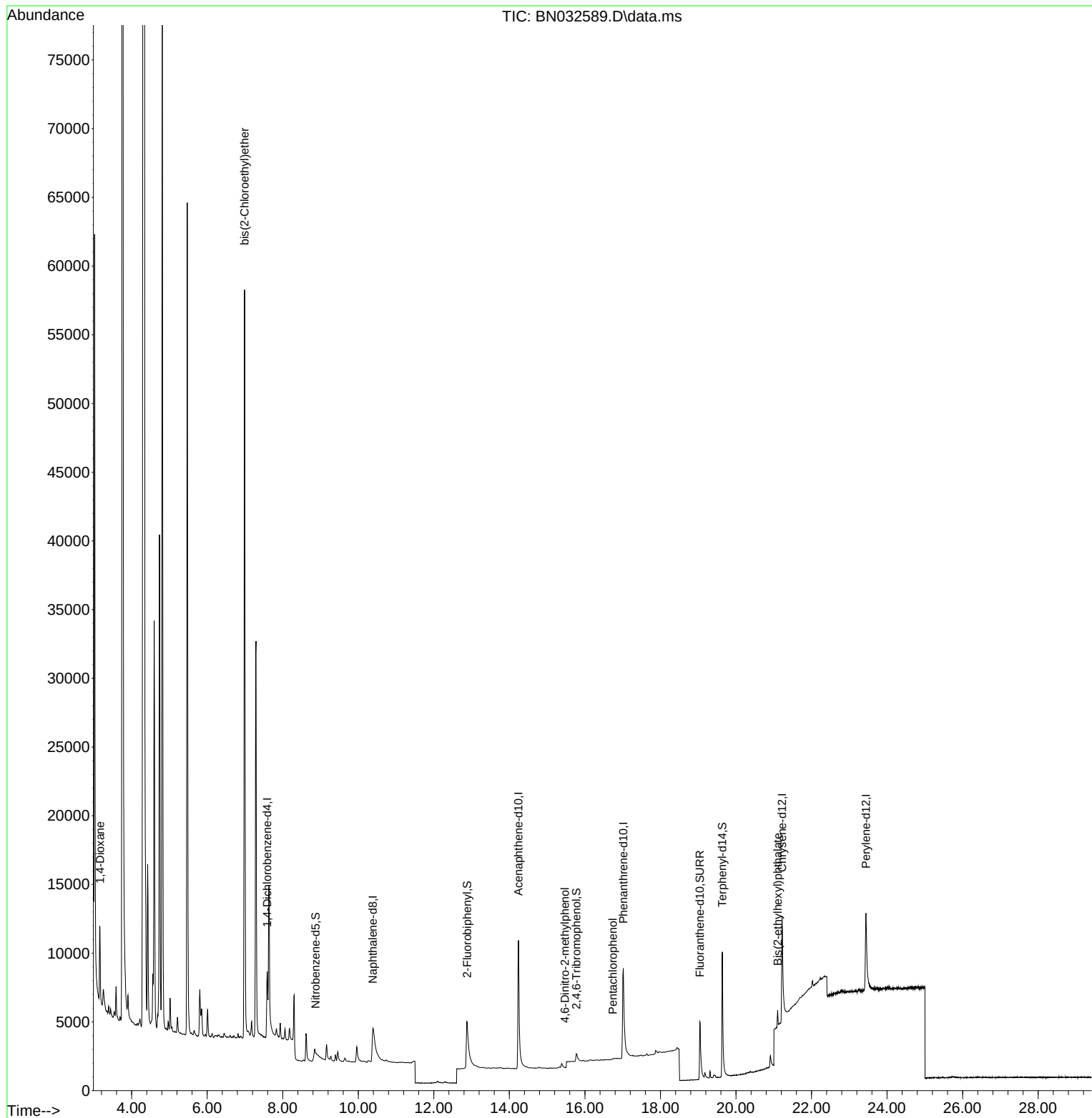
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.588	152	3733	0.400	ng	0.00
7) Naphthalene-d8	10.389	136	11006	0.400	ng	# 0.01
13) Acenaphthene-d10	14.242	164	8718	0.400	ng	0.01
19) Phenanthrene-d10	17.016	188	18659	0.400	ng	0.01
29) Chrysene-d12	21.220	240	13027	0.400	ng	# 0.00
35) Perylene-d12	23.440	264	11678	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.226	112	148	0.016	ng	0.01
5) Phenol-d6	6.858	99	4	0.000	ng	0.04
8) Nitrobenzene-d5	8.873	82	1918	0.233	ng	0.07
11) 2-Methylnaphthalene-d10	12.009	152	109	0.006	ng	0.03
14) 2,4,6-Tribromophenol	15.775	330	692	0.175	ng	0.01
15) 2-Fluorobiphenyl	12.884	172	8658	0.270	ng	0.02
27) Fluoranthene-d10	19.044	212	7698	0.158	ng	0.00
31) Terphenyl-d14	19.639	244	13578	0.427	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.161	88	4001	0.814	ng	# 92
6) bis(2-Chloroethyl)ether	6.988	93	42895	4.153	ng	# 47
20) 4,6-Dinitro-2-methylph...	15.471	198	4	0.198	ng	# 1
24) Pentachlorophenol	16.743	266	31	0.173	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.103	149	1271	0.043	ng	# 91

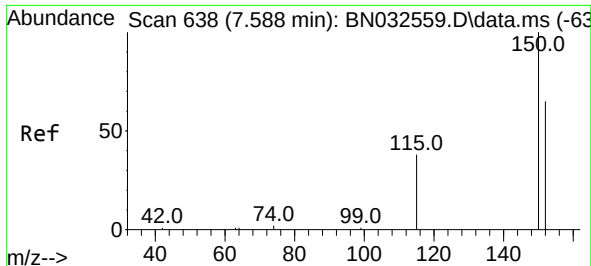
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
Data File : BN032589.D
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Misc :
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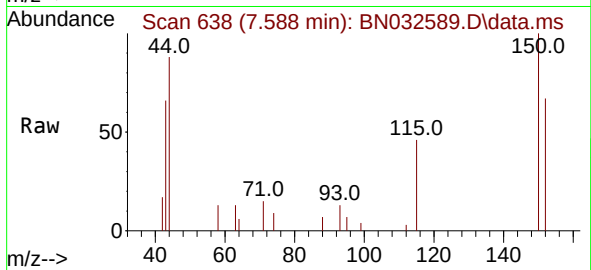
Quant Time: Jul 09 16:46:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
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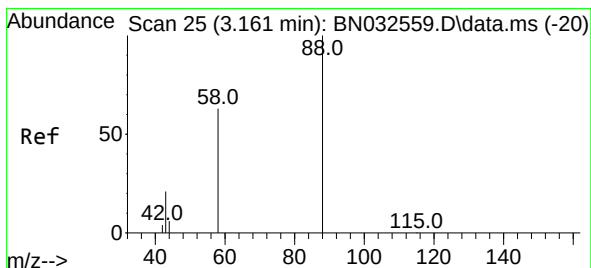
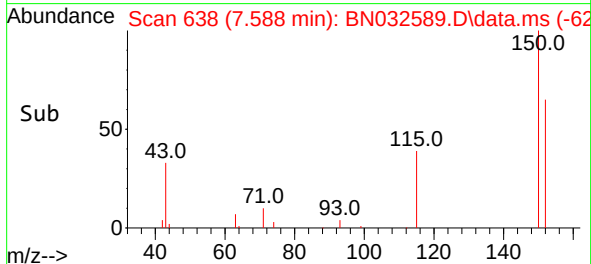
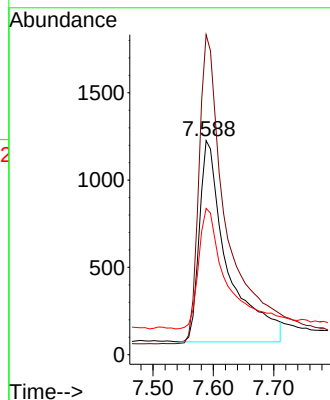
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.588 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN032589.D
Acq: 09 Jul 2024 15:50

Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240626



Tgt Ion:152 Resp: 3733

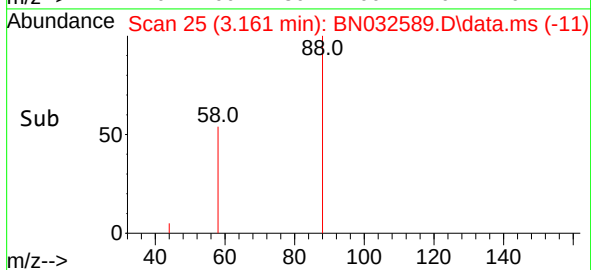
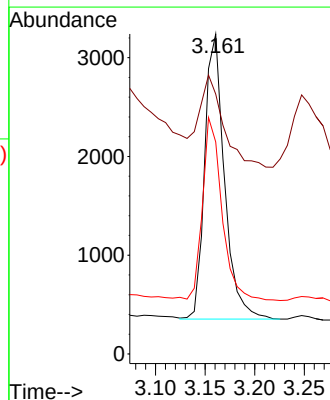
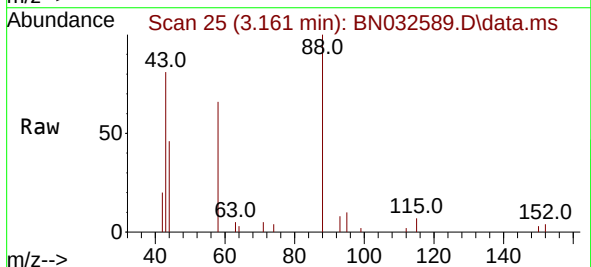
Ion	Ratio	Lower	Upper
152	100		
150	149.5	121.6	182.4
115	68.4	53.1	79.7

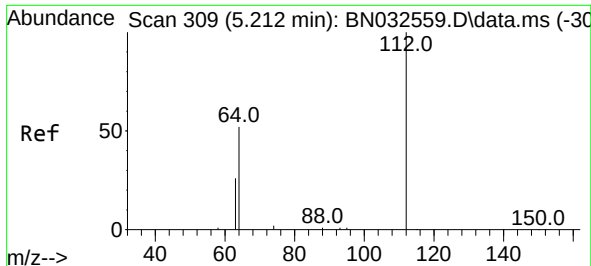


#2
1,4-Dioxane
Concen: 0.814 ng
RT: 3.161 min Scan# 25
Delta R.T. -0.000 min
Lab File: BN032589.D
Acq: 09 Jul 2024 15:50

Tgt Ion: 88 Resp: 4001

Ion	Ratio	Lower	Upper
88	100		
43	39.8	20.4	30.6#
58	63.4	51.0	76.6





#4

2-Fluorophenol

Concen: 0.016 ng

RT: 5.226 min Scan# 311

Delta R.T. 0.014 min

Lab File: BN032589.D

Acq: 09 Jul 2024 15:50

Instrument :

BNA_N

ClientSampleId :

VPB189-HYD-20240626

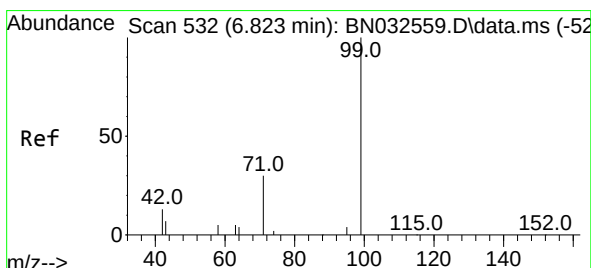
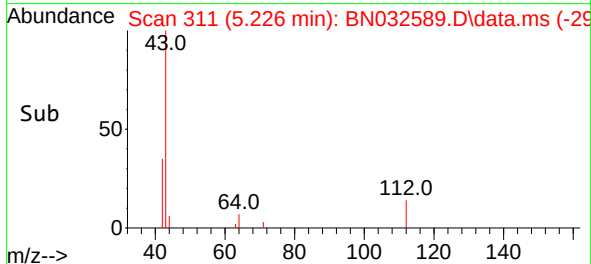
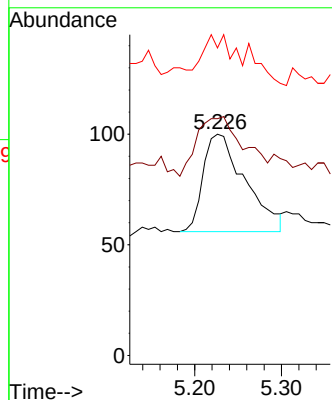
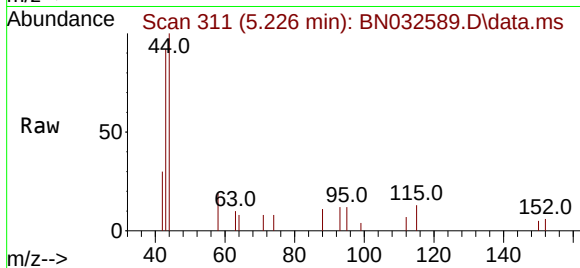
Tgt Ion:112 Resp: 148

Ion Ratio Lower Upper

112 100

64 68.2 41.2 61.8#

63 21.6 21.6 32.4



#5

Phenol-d6

Concen: 0.000 ng

RT: 6.858 min Scan# 537

Delta R.T. 0.036 min

Lab File: BN032589.D

Acq: 09 Jul 2024 15:50

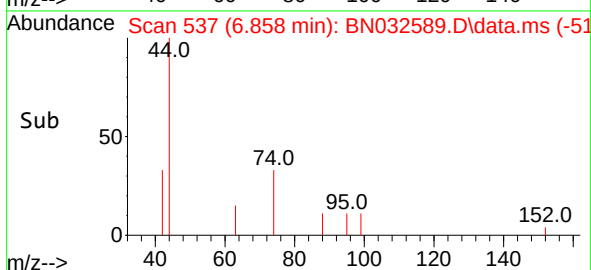
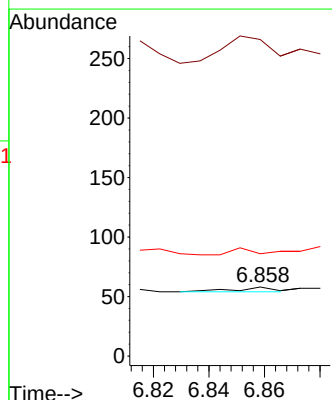
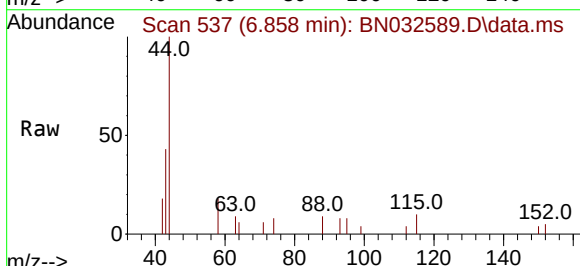
Tgt Ion: 99 Resp: 4

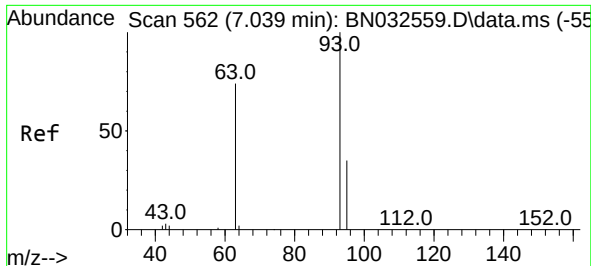
Ion Ratio Lower Upper

99 100

42 0.0 10.6 16.0#

71 0.0 25.2 37.8#

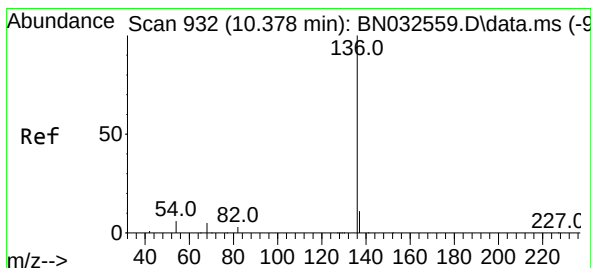
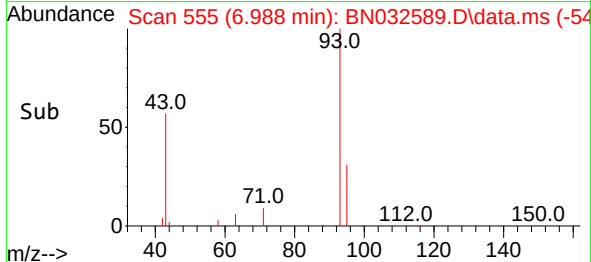
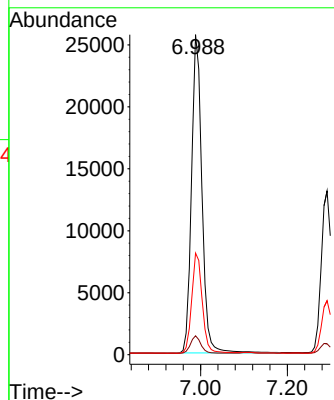
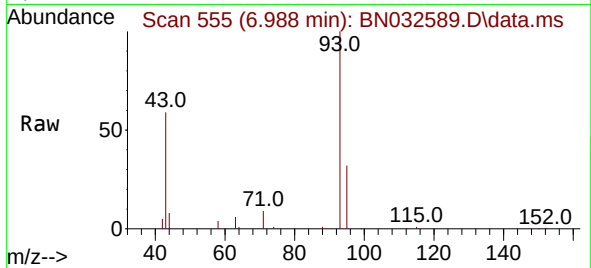




#6
bis(2-Chloroethyl)ether
Concen: 4.153 ng
RT: 6.988 min Scan# 511
Delta R.T. -0.051 min
Lab File: BN032589.D
Acq: 09 Jul 2024 15:50

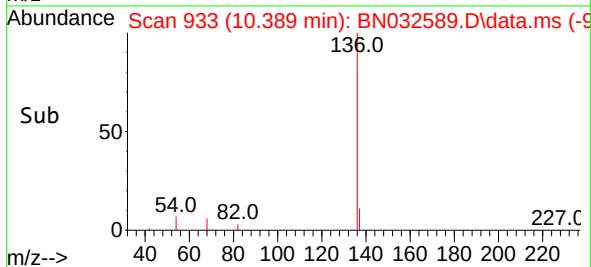
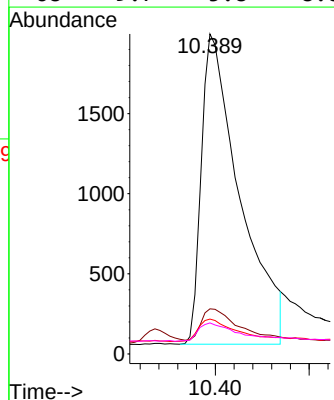
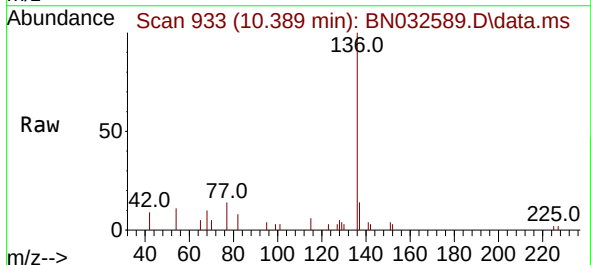
Instrument :
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VPB189-HYD-20240626

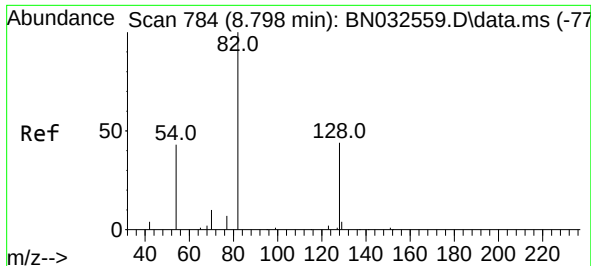
Tgt Ion: 93 Resp: 42895
Ion Ratio Lower Upper
93 100
63 5.4 54.1 81.1#
95 32.0 30.5 45.7



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.389 min Scan# 933
Delta R.T. 0.011 min
Lab File: BN032589.D
Acq: 09 Jul 2024 15:50

Tgt Ion:136 Resp: 11006
Ion Ratio Lower Upper
136 100
137 14.1 10.0 15.0
54 10.9 6.6 9.8#
68 9.7 5.8 8.8#

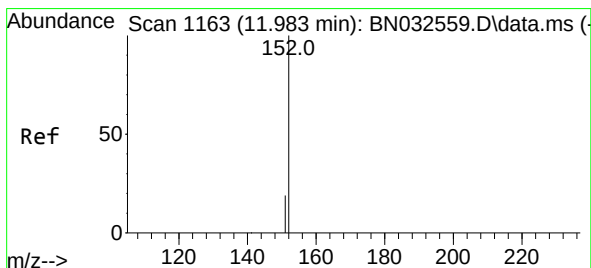
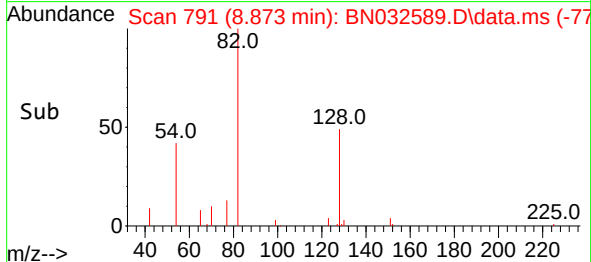
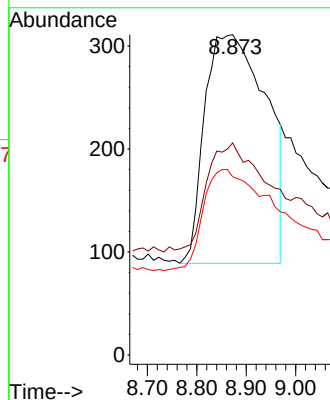
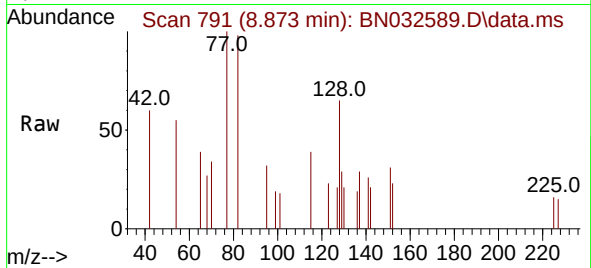




#8
 Nitrobenzene-d5
 Concen: 0.233 ng
 RT: 8.873 min Scan# 71
 Delta R.T. 0.074 min
 Lab File: BN032589.D
 Acq: 09 Jul 2024 15:50

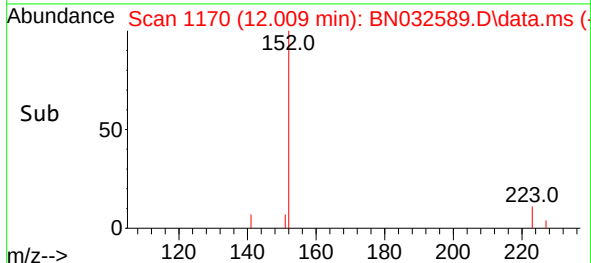
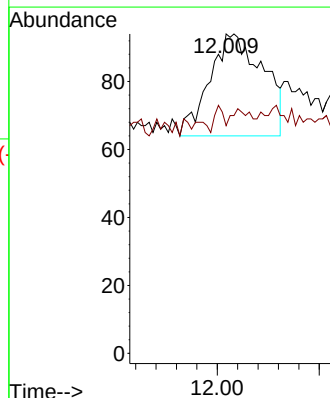
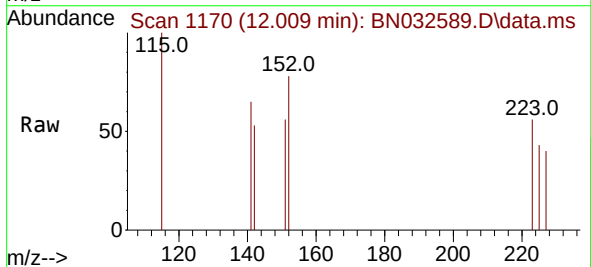
Instrument :
 BNA_N
 ClientSampleId :
 VPB189-HYD-20240626

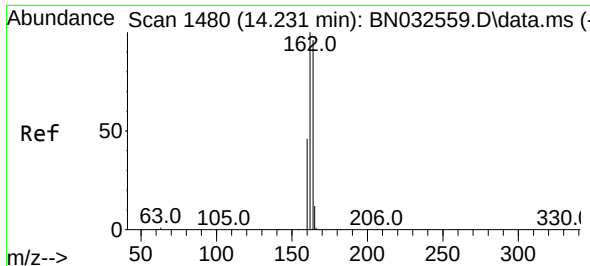
Tgt Ion: 82 Resp: 1918
 Ion Ratio Lower Upper
 82 100
 128 66.2 43.4 65.2#
 54 55.6 40.2 60.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.006 ng
 RT: 12.009 min Scan# 1170
 Delta R.T. 0.026 min
 Lab File: BN032589.D
 Acq: 09 Jul 2024 15:50

Tgt Ion:152 Resp: 109
 Ion Ratio Lower Upper
 152 100
 151 4.6 16.4 24.6#

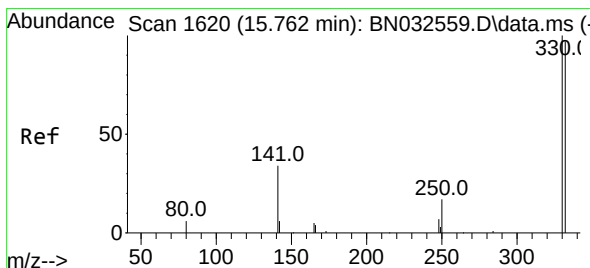
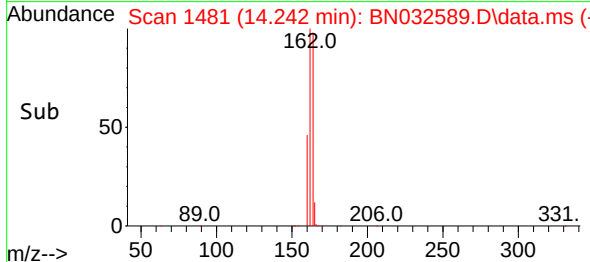
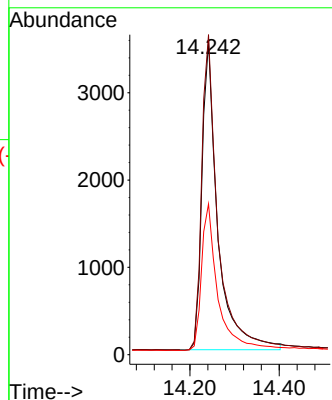
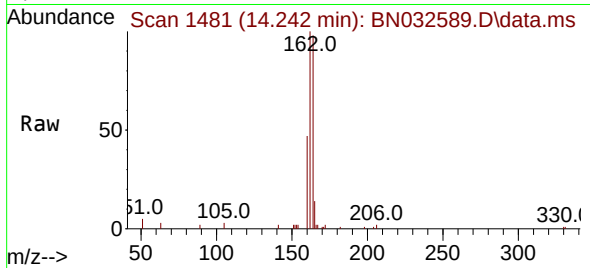




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.242 min Scan# 1481
Delta R.T. 0.010 min
Lab File: BN032589.D
Acq: 09 Jul 2024 15:50

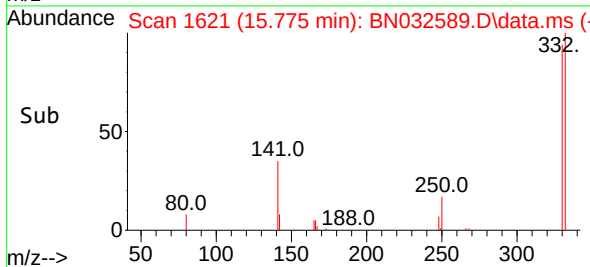
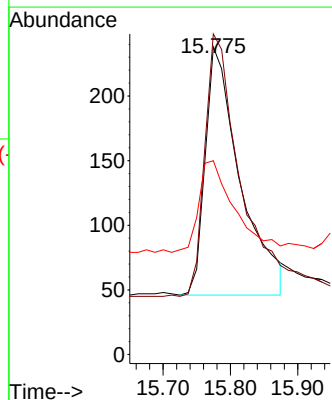
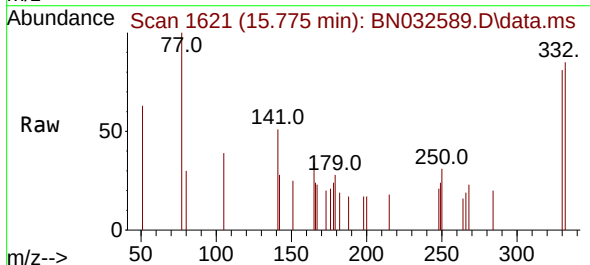
Instrument :
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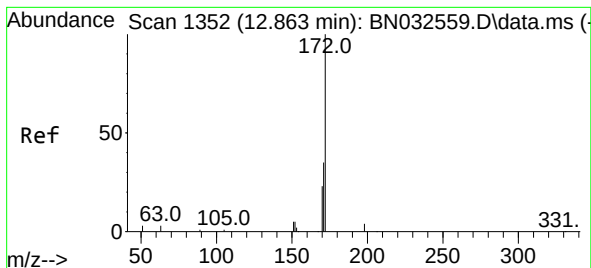
Tgt Ion:	164	Resp:	8718
Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.2	124.8
160	48.1	38.6	57.8



#14
2,4,6-Tribromophenol
Concen: 0.175 ng
RT: 15.775 min Scan# 1621
Delta R.T. 0.012 min
Lab File: BN032589.D
Acq: 09 Jul 2024 15:50

Tgt Ion:	330	Resp:	692
Ion	Ratio	Lower	Upper
330	100		
332	106.1	77.7	116.5
141	37.9	31.8	47.8





#15

2-Fluorobiphenyl

Concen: 0.270 ng

RT: 12.884 min Scan# 11

Delta R.T. 0.021 min

Lab File: BN032589.D

Acq: 09 Jul 2024 15:50

Instrument :

BNA_N

ClientSampleId :

VPB189-HYD-20240626

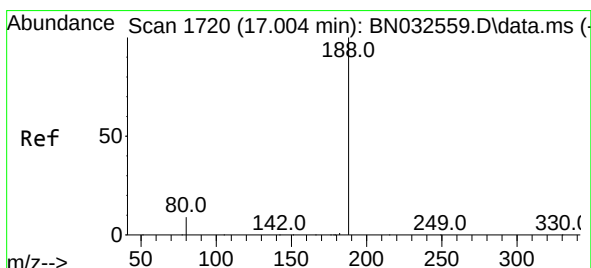
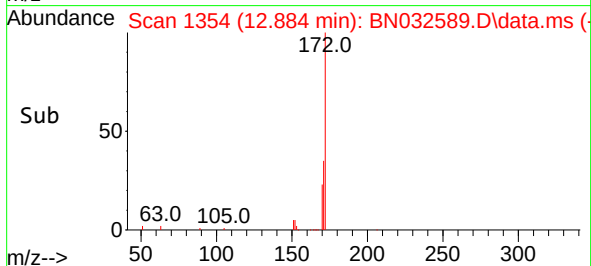
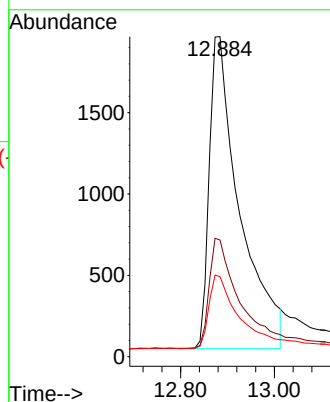
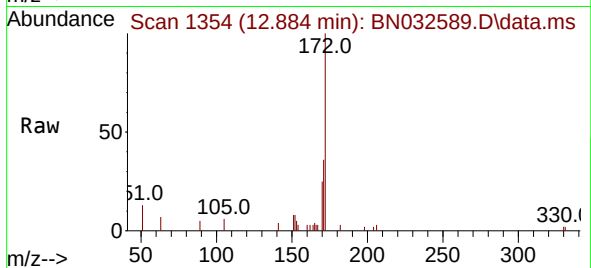
Tgt Ion:172 Resp: 8658

Ion Ratio Lower Upper

172 100

171 36.5 28.5 42.7

170 25.0 19.2 28.8



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.016 min Scan# 1721

Delta R.T. 0.012 min

Lab File: BN032589.D

Acq: 09 Jul 2024 15:50

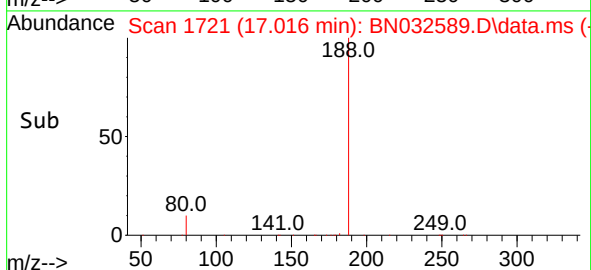
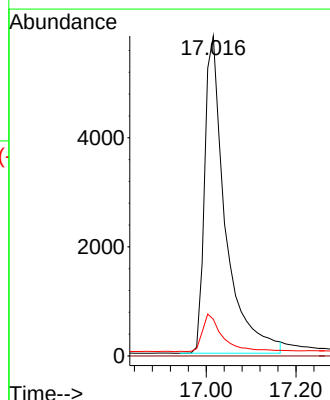
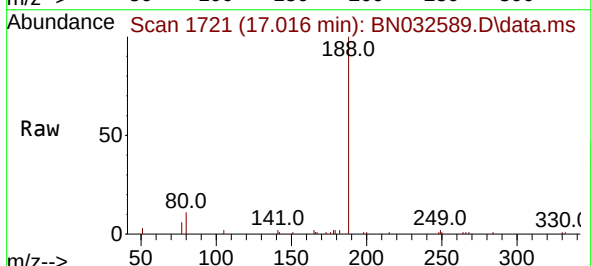
Tgt Ion:188 Resp: 18659

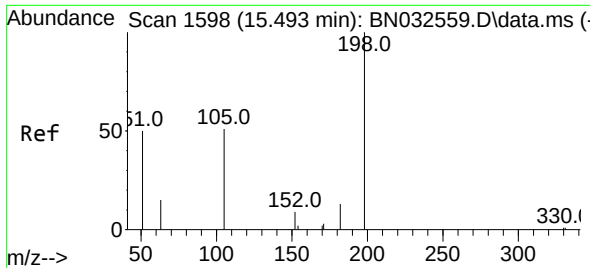
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.5 7.8 11.6

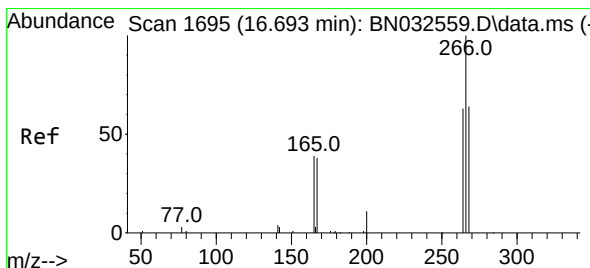
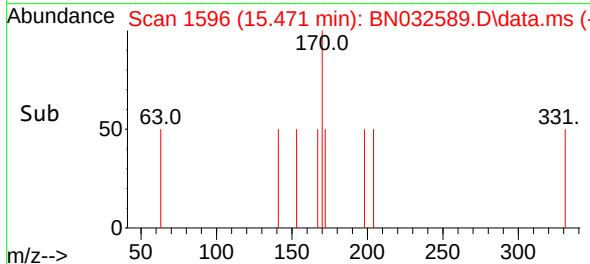
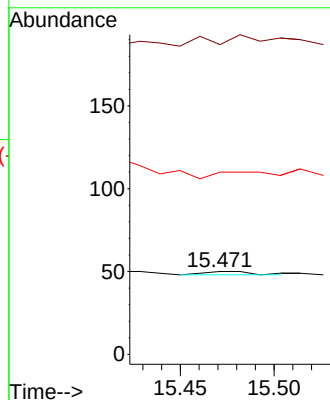
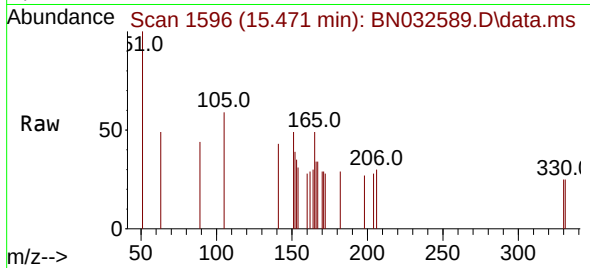




#20
4,6-Dinitro-2-methylphenol
Concen: 0.198 ng
RT: 15.471 min Scan# 1596
Delta R.T. -0.022 min
Lab File: BN032589.D
Acq: 09 Jul 2024 15:50

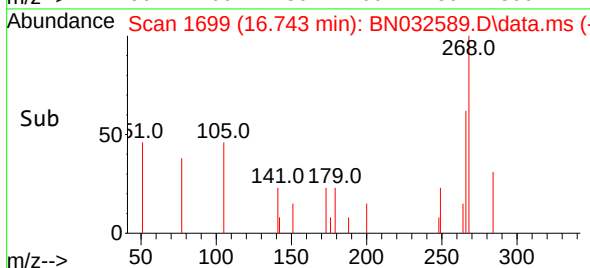
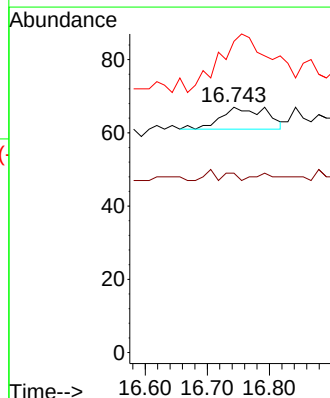
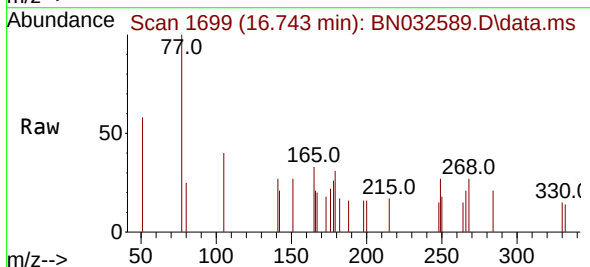
Instrument :
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VPB189-HYD-20240626

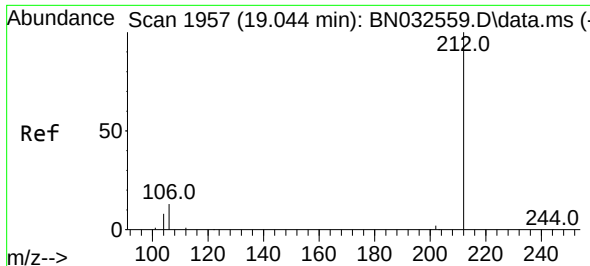
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 374.0 123.4 185.2#
105 220.0 79.5 119.3#



#24
Pentachlorophenol
Concen: 0.173 ng
RT: 16.743 min Scan# 1699
Delta R.T. 0.050 min
Lab File: BN032589.D
Acq: 09 Jul 2024 15:50

Tgt Ion:266 Resp: 31
Ion Ratio Lower Upper
266 100
264 0.0 49.6 74.4#
268 309.7 52.2 78.2#

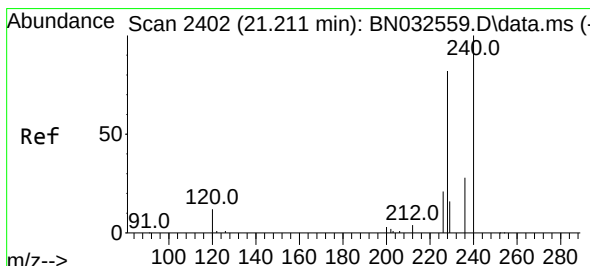
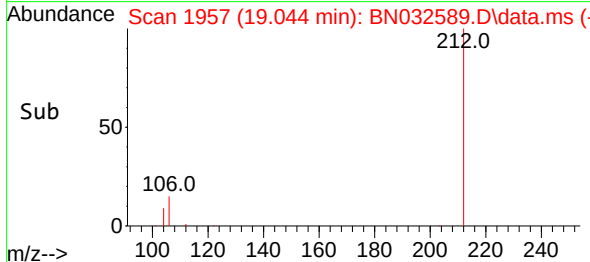
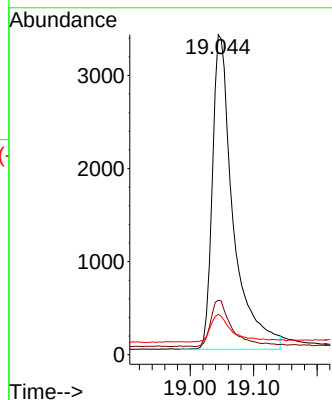
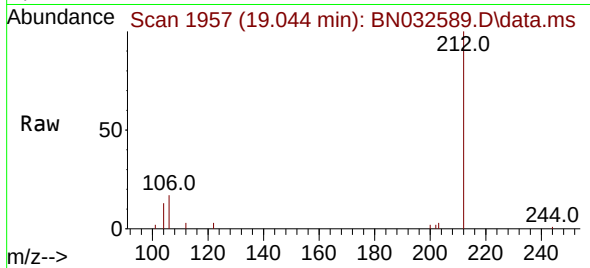




#27
Fluoranthene-d10
Concen: 0.158 ng
RT: 19.044 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BN032589.D
Acq: 09 Jul 2024 15:50

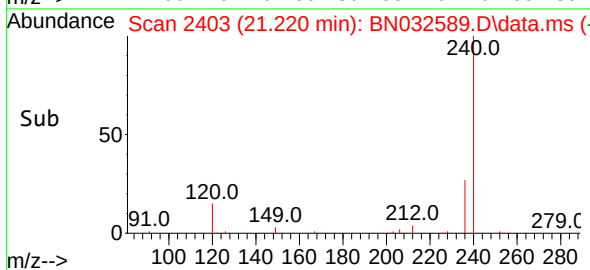
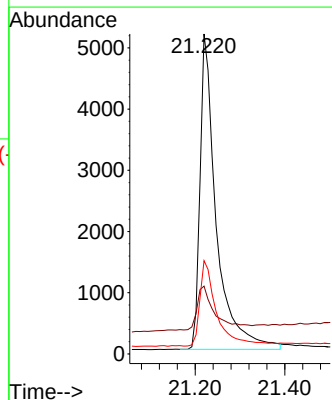
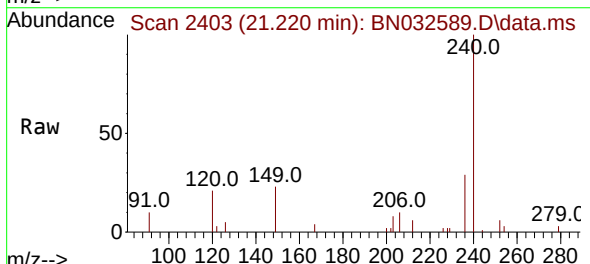
Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240626

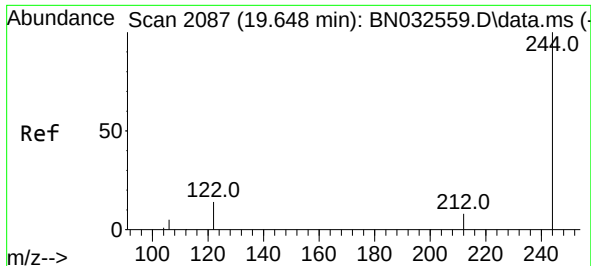
Tgt Ion:212 Resp: 7698
Ion Ratio Lower Upper
212 100
106 15.0 11.8 17.8
104 9.1 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.220 min Scan# 2403
Delta R.T. 0.009 min
Lab File: BN032589.D
Acq: 09 Jul 2024 15:50

Tgt Ion:240 Resp: 13027
Ion Ratio Lower Upper
240 100
120 21.2 13.0 19.4#
236 29.2 23.1 34.7

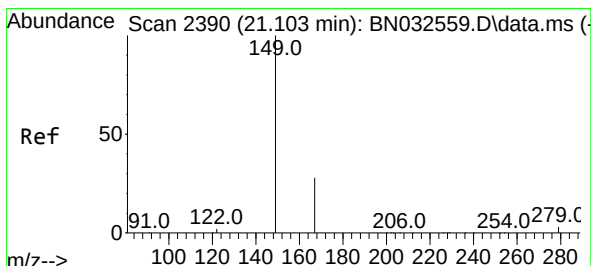
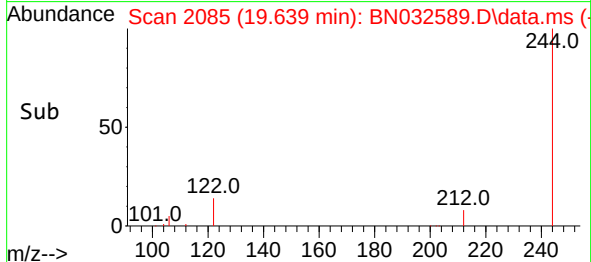
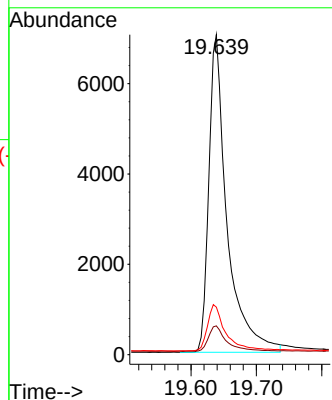
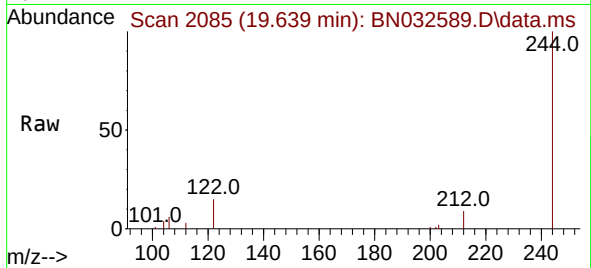




#31
Terphenyl-d14
Concen: 0.427 ng
RT: 19.639 min Scan# 2085
Delta R.T. -0.010 min
Lab File: BN032589.D
Acq: 09 Jul 2024 15:50

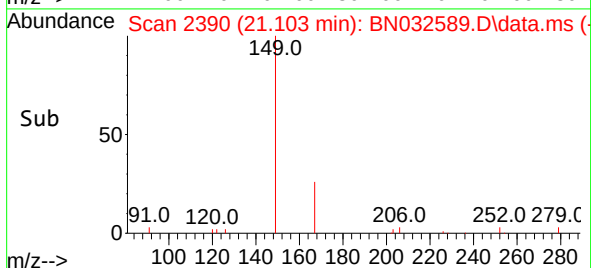
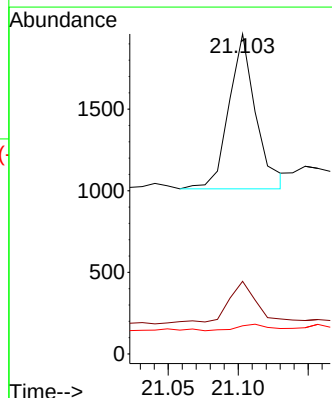
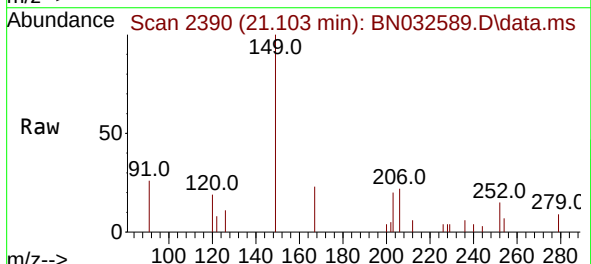
Instrument :
BNA_N
ClientSampleId :
VPB189-HYD-20240626

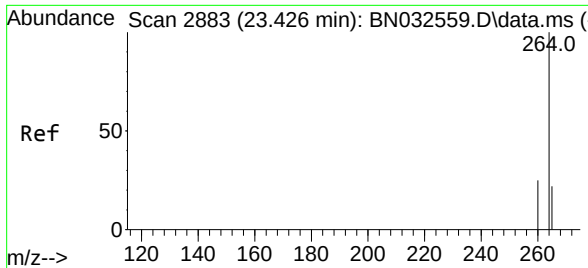
Tgt Ion:244 Resp: 13578
Ion Ratio Lower Upper
244 100
212 9.0 7.2 10.8
122 14.8 12.1 18.1



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.043 ng
RT: 21.103 min Scan# 2390
Delta R.T. -0.000 min
Lab File: BN032589.D
Acq: 09 Jul 2024 15:50

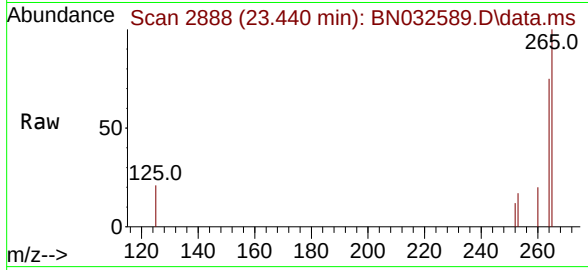
Tgt Ion:149 Resp: 1271
Ion Ratio Lower Upper
149 100
167 32.1 21.6 32.4
279 5.0 3.0 4.6#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.440 min Scan# 21
 Delta R.T. 0.014 min
 Lab File: BN032589.D
 Acq: 09 Jul 2024 15:50

Instrument :
 BNA_N
 ClientSampleId :
 VPB189-HYD-20240626



Tgt Ion:264 Resp: 11678

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.0	31.6
265	134.0	76.6	115.0

