

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
 Data File : BN032581.D
 Acq On : 09 Jul 2024 11:01
 Operator : MA/JU
 Sample : P3167-09
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-EB-20240701

Quant Time: Jul 09 12:02:30 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)

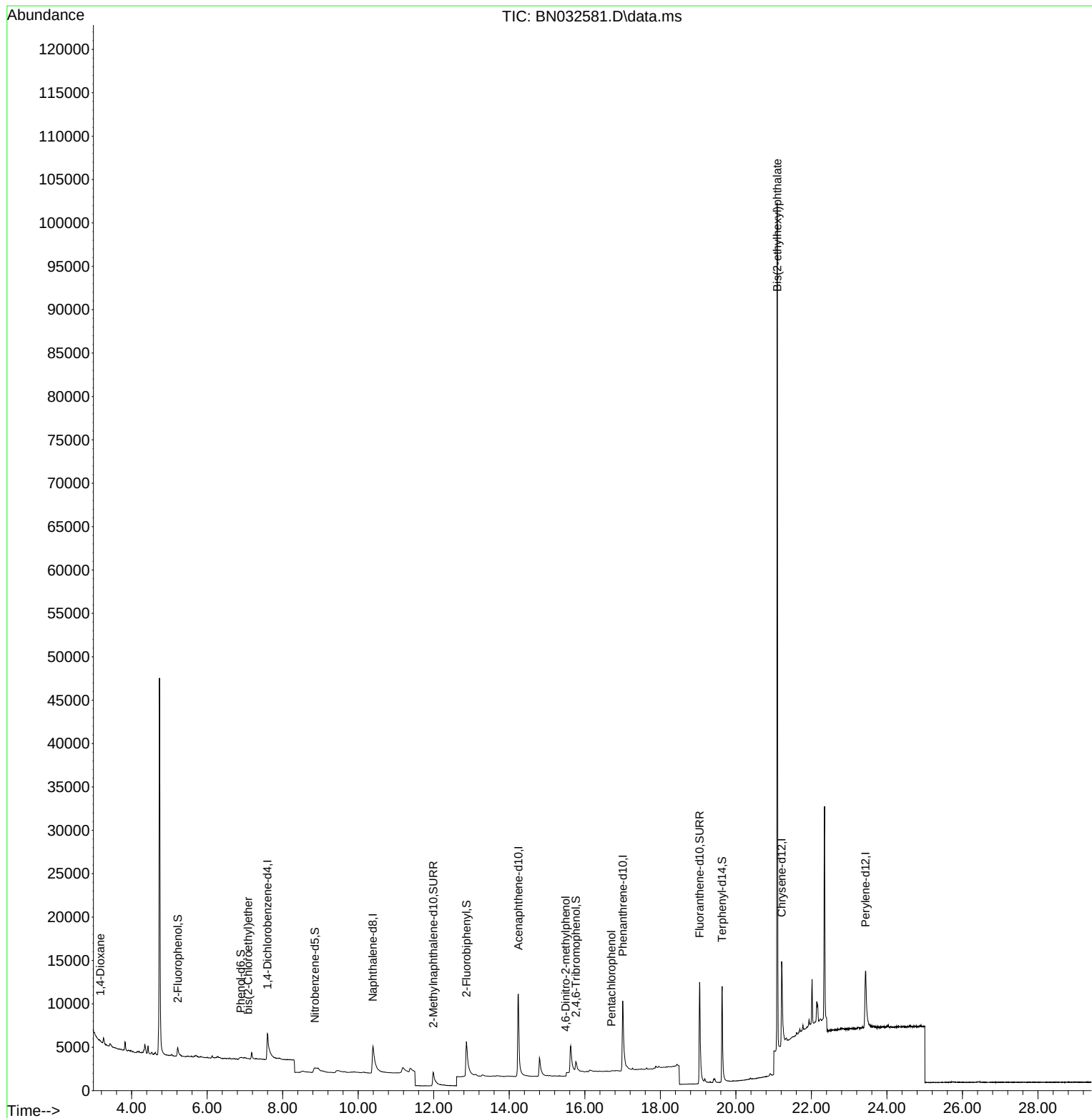
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.596	152	3526	0.400	ng	0.00
7) Naphthalene-d8	10.389	136	11537	0.400	ng	0.01
13) Acenaphthene-d10	14.242	164	8991	0.400	ng	0.01
19) Phenanthrene-d10	17.004	188	19929	0.400	ng	# 0.00
29) Chrysene-d12	21.211	240	15599	0.400	ng	# 0.00
35) Perylene-d12	23.434	264	14416	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.219	112	1822	0.204	ng	0.00
5) Phenol-d6	6.888	99	944	0.083	ng	0.07
8) Nitrobenzene-d5	8.852	82	2042	0.237	ng	0.05
11) 2-Methylnaphthalene-d10	11.986	152	5779	0.317	ng	0.00
14) 2,4,6-Tribromophenol	15.763	330	1186	0.291	ng	0.00
15) 2-Fluorobiphenyl	12.863	172	9201	0.278	ng	0.00
27) Fluoranthene-d10	19.040	212	19566	0.377	ng	0.00
31) Terphenyl-d14	19.635	244	15939	0.418	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.168	88	113	0.024	ng	# 27
6) bis(2-Chloroethyl)ether	7.083	93	20	0.088	ng	# 67
20) 4,6-Dinitro-2-methylph...	15.493	198	2	0.197	ng	# 1
24) Pentachlorophenol	16.706	266	26	0.172	ng	# 48
34) Bis(2-ethylhexyl)phtha...	21.095	149	83664	2.386	ng	99

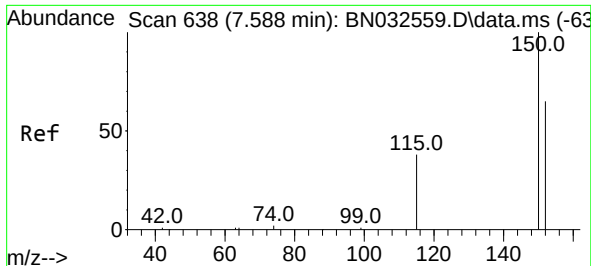
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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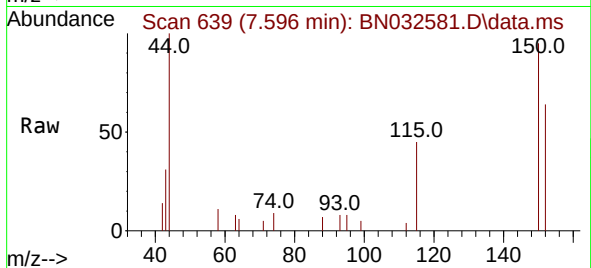
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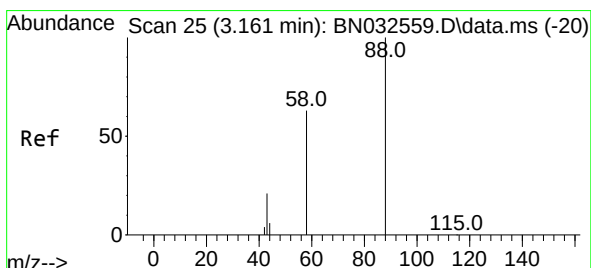
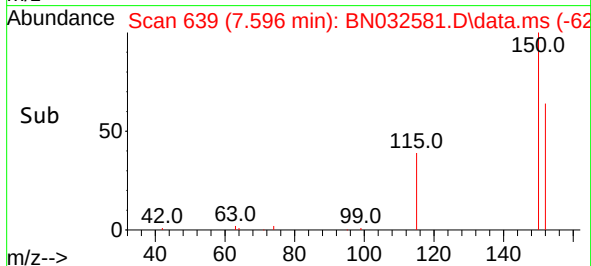
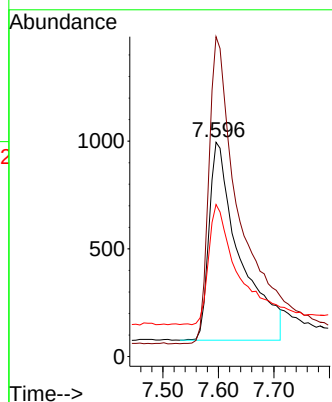


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.596 min Scan# 61
 Delta R.T. 0.008 min
 Lab File: BN032581.D
 Acq: 09 Jul 2024 11:01

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-EB-20240701

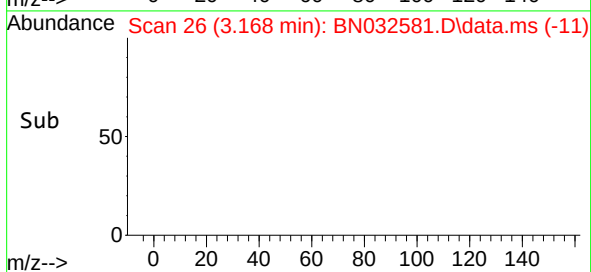
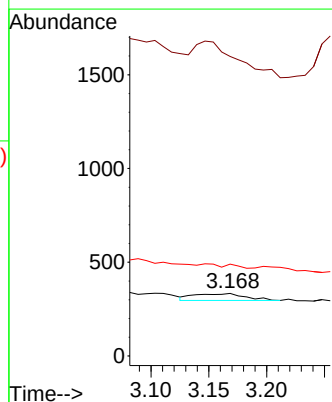
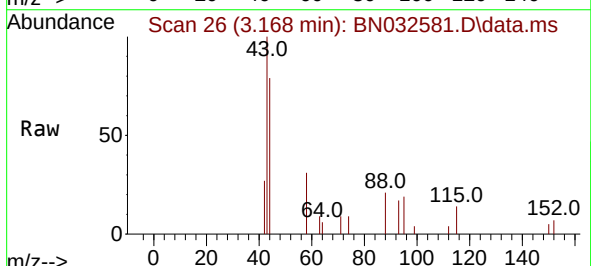


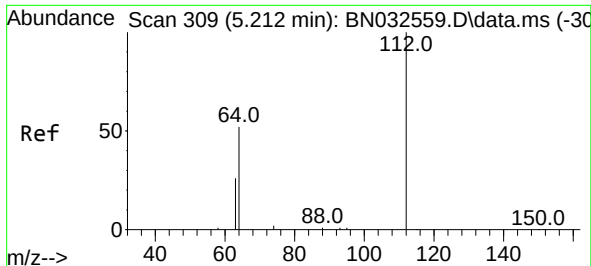
Tgt Ion:152 Resp: 3526
 Ion Ratio Lower Upper
 152 100
 150 149.2 121.6 182.4
 115 71.0 53.1 79.7



#2
 1,4-Dioxane
 Concen: 0.024 ng
 RT: 3.168 min Scan# 26
 Delta R.T. 0.007 min
 Lab File: BN032581.D
 Acq: 09 Jul 2024 11:01

Tgt Ion: 88 Resp: 113
 Ion Ratio Lower Upper
 88 100
 43 0.0 20.4 30.6#
 58 0.0 51.0 76.6#

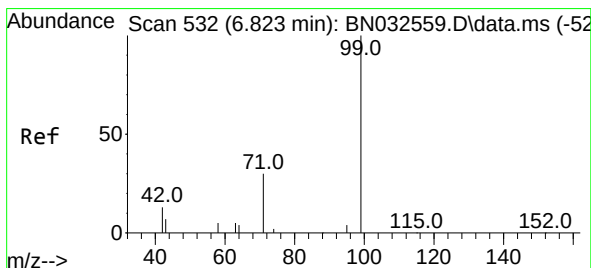
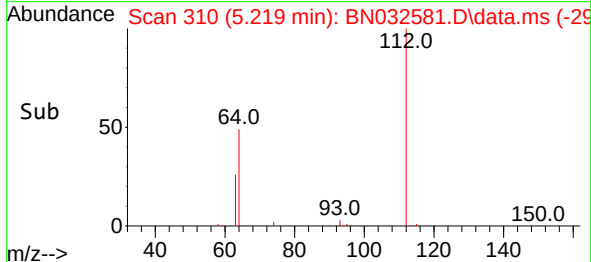
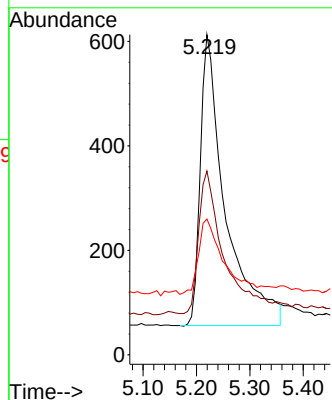
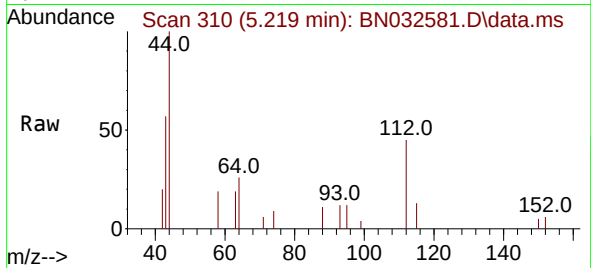




#4
2-Fluorophenol
Concen: 0.204 ng
RT: 5.219 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN032581.D
Acq: 09 Jul 2024 11:01

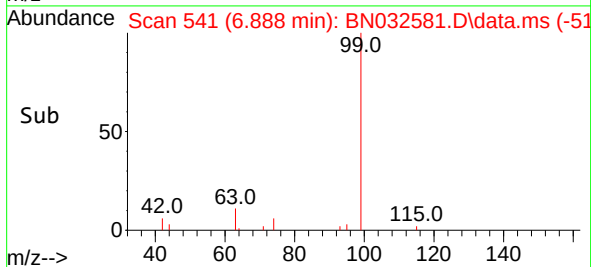
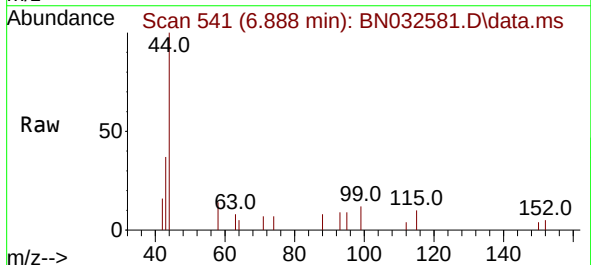
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BNA_N
ClientSampleId :
BP-VPB-196-EB-20240701

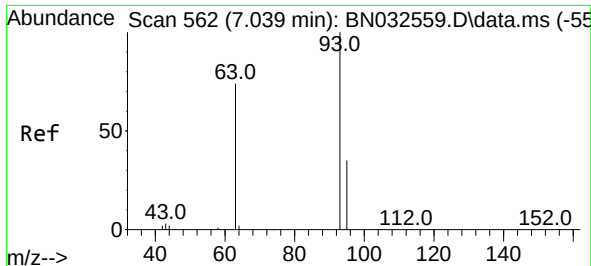
Tgt Ion:112 Resp: 1822
Ion Ratio Lower Upper
112 100
64 49.3 41.2 61.8
63 26.4 21.6 32.4



#5
Phenol-d6
Concen: 0.083 ng
RT: 6.888 min Scan# 541
Delta R.T. 0.065 min
Lab File: BN032581.D
Acq: 09 Jul 2024 11:01

Tgt Ion: 99 Resp: 944
Ion Ratio Lower Upper
99 100
42 3.0 10.6 16.0#
71 7.3 25.2 37.8#

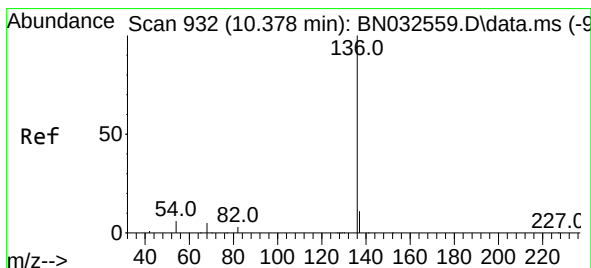
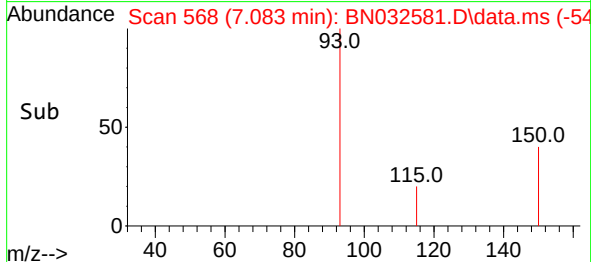
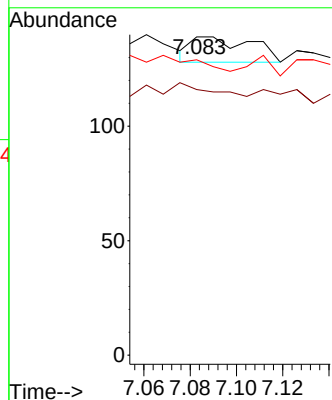
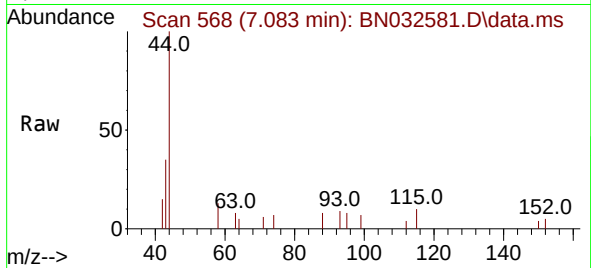




#6
bis(2-Chloroethyl)ether
Concen: 0.088 ng
RT: 7.083 min Scan# 562
Delta R.T. 0.044 min
Lab File: BN032581.D
Acq: 09 Jul 2024 11:01

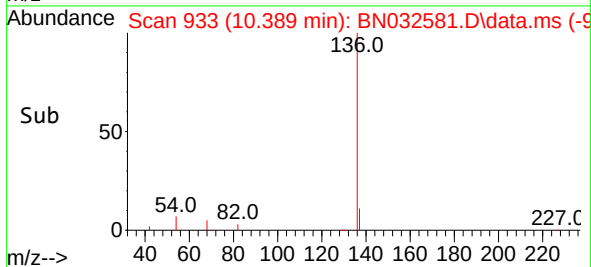
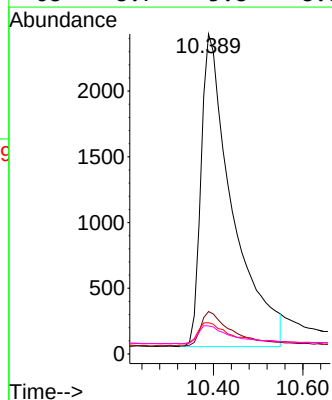
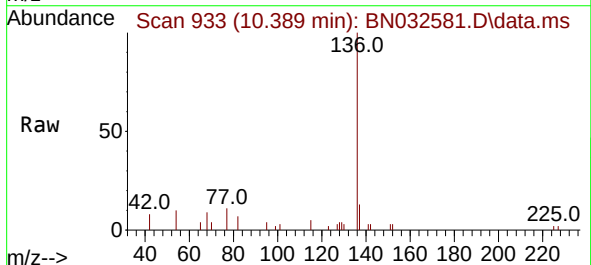
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240701

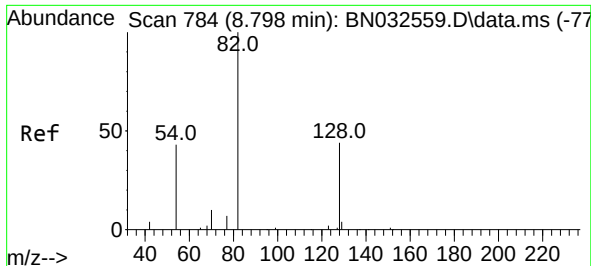
Tgt Ion: 93 Resp: 20
Ion Ratio Lower Upper
93 100
63 55.0 54.1 81.1
95 0.0 30.5 45.7#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.389 min Scan# 933
Delta R.T. 0.011 min
Lab File: BN032581.D
Acq: 09 Jul 2024 11:01

Tgt Ion:136 Resp: 11537
Ion Ratio Lower Upper
136 100
137 13.3 10.0 15.0
54 9.8 6.6 9.8
68 8.7 5.8 8.8

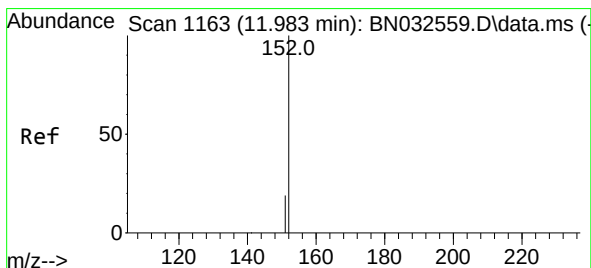
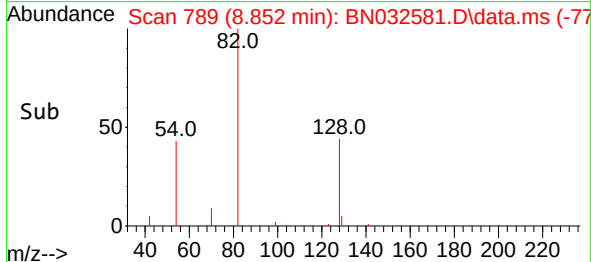
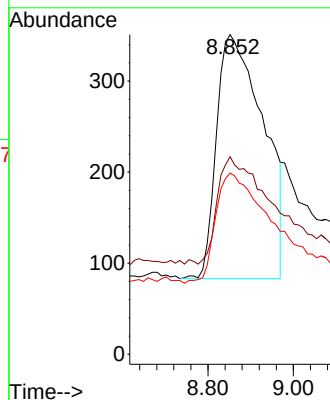
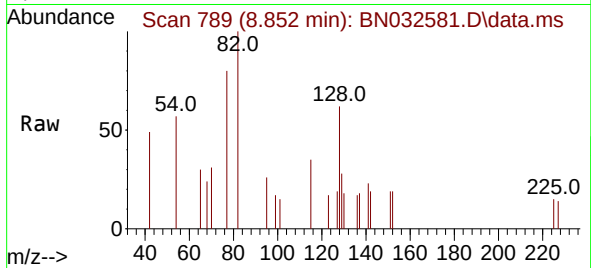




#8
Nitrobenzene-d5
Concen: 0.237 ng
RT: 8.852 min Scan# 71
Delta R.T. 0.054 min
Lab File: BN032581.D
Acq: 09 Jul 2024 11:01

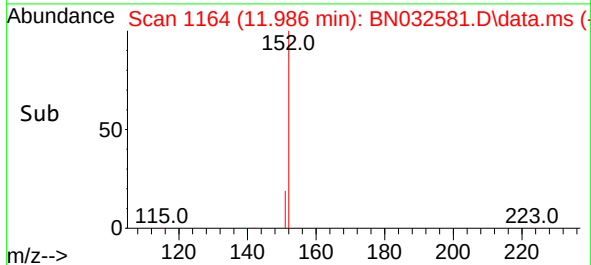
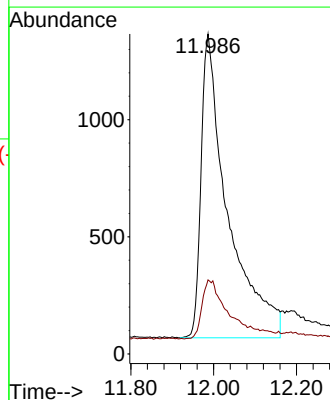
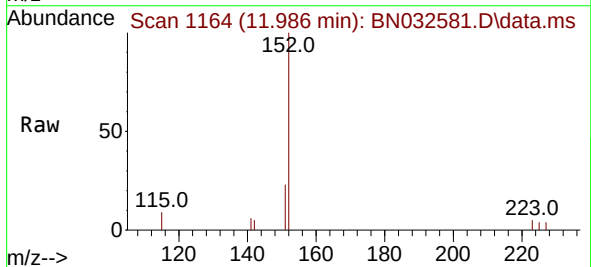
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240701

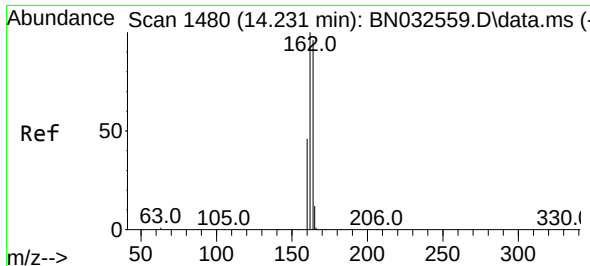
Tgt Ion: 82 Resp: 2042
Ion Ratio Lower Upper
82 100
128 61.8 43.4 65.2
54 56.7 40.2 60.2



#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 11.986 min Scan# 1164
Delta R.T. 0.004 min
Lab File: BN032581.D
Acq: 09 Jul 2024 11:01

Tgt Ion: 152 Resp: 5779
Ion Ratio Lower Upper
152 100
151 19.2 16.4 24.6

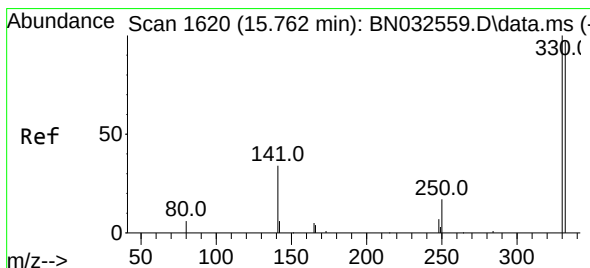
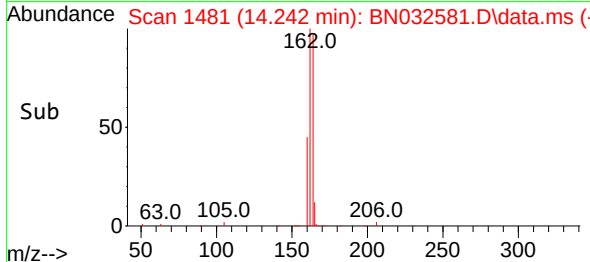
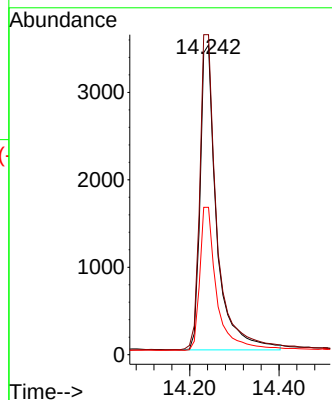
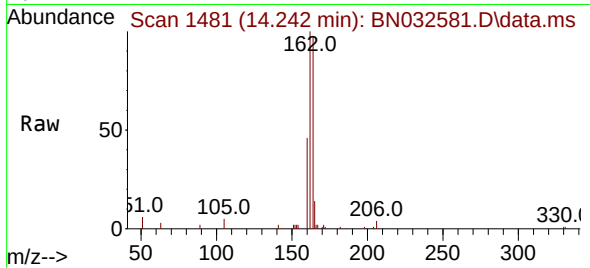




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.242 min Scan# 1480
Delta R.T. 0.011 min
Lab File: BN032581.D
Acq: 09 Jul 2024 11:01

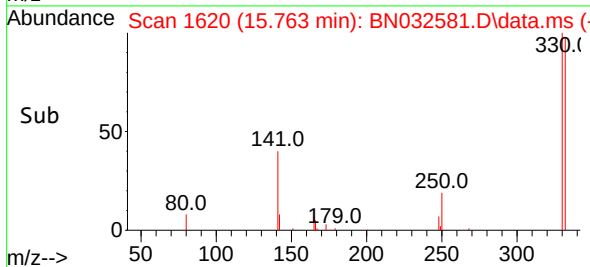
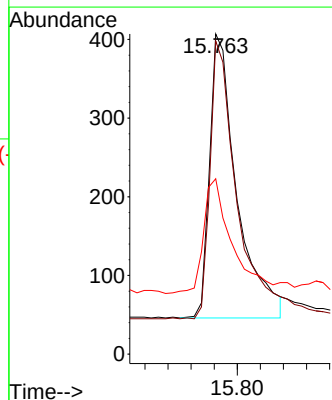
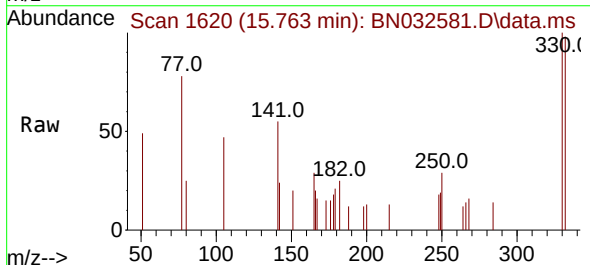
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240701

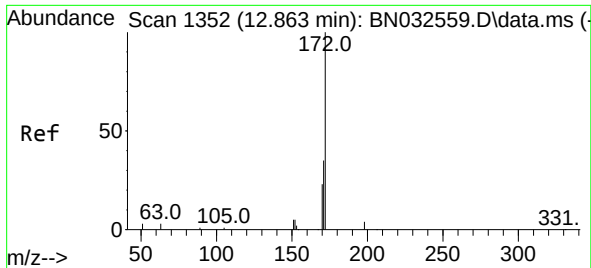
Tgt Ion:164	Resp:	8991
Ion Ratio	Lower	Upper
164	100	
162	103.3	83.2 124.8
160	47.6	38.6 57.8



#14
2,4,6-Tribromophenol
Concen: 0.291 ng
RT: 15.763 min Scan# 1620
Delta R.T. 0.000 min
Lab File: BN032581.D
Acq: 09 Jul 2024 11:01

Tgt Ion:330	Resp:	1186
Ion Ratio	Lower	Upper
330	100	
332	95.4	77.7 116.5
141	39.3	31.8 47.8

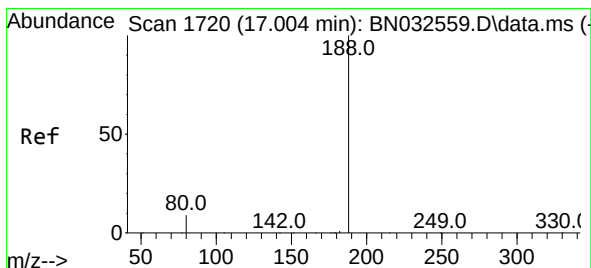
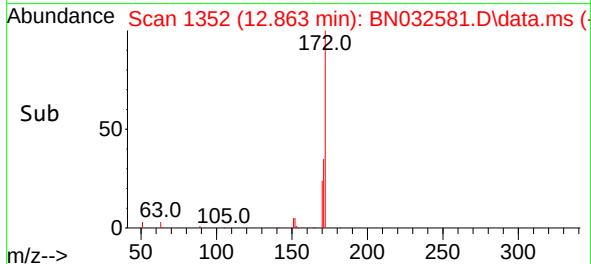
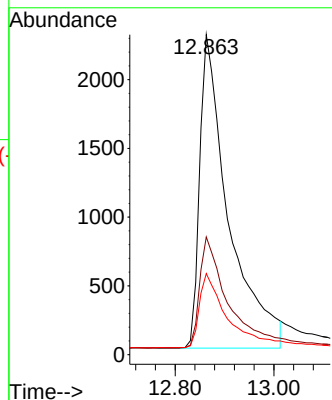
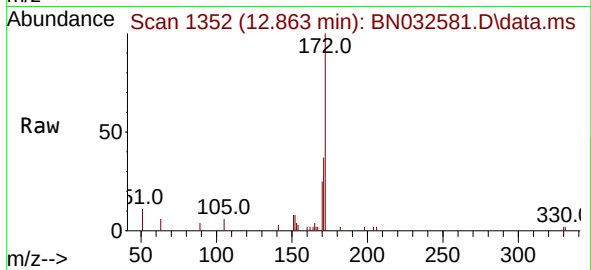




#15
2-Fluorobiphenyl
Concen: 0.278 ng
RT: 12.863 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BN032581.D
Acq: 09 Jul 2024 11:01

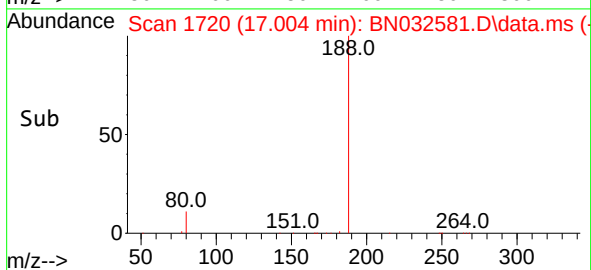
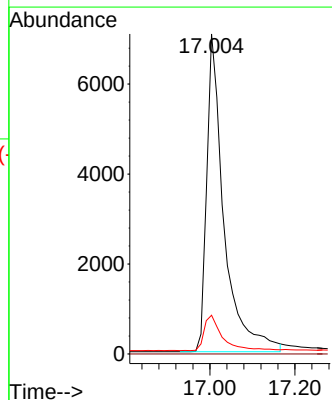
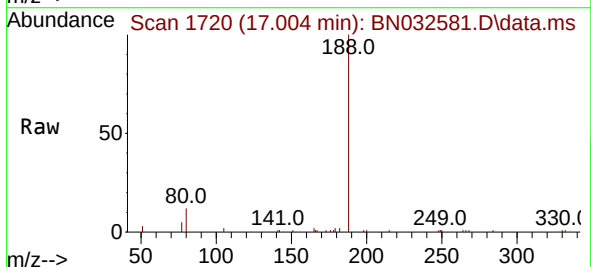
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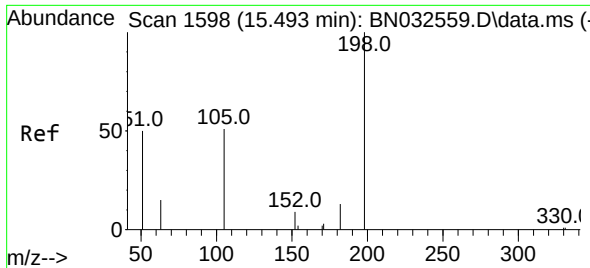
Tgt Ion:172 Resp: 9201
Ion Ratio Lower Upper
172 100
171 36.8 28.5 42.7
170 25.4 19.2 28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.004 min Scan# 1720
Delta R.T. 0.000 min
Lab File: BN032581.D
Acq: 09 Jul 2024 11:01

Tgt Ion:188 Resp: 19929
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.1 7.8 11.6#

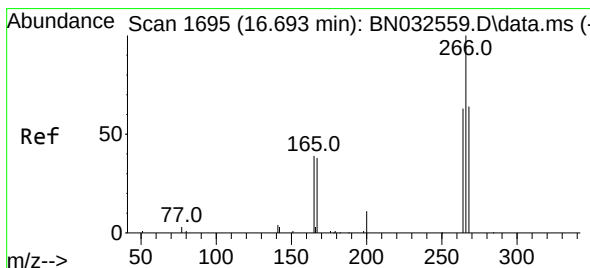
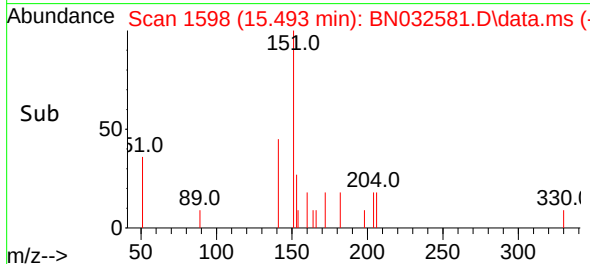
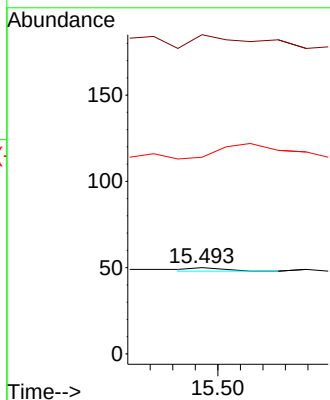
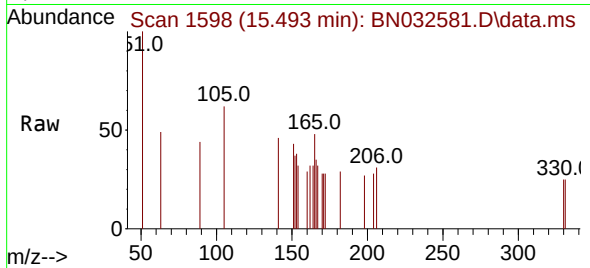




#20
4,6-Dinitro-2-methylphenol
Concen: 0.197 ng
RT: 15.493 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BN032581.D
Acq: 09 Jul 2024 11:01

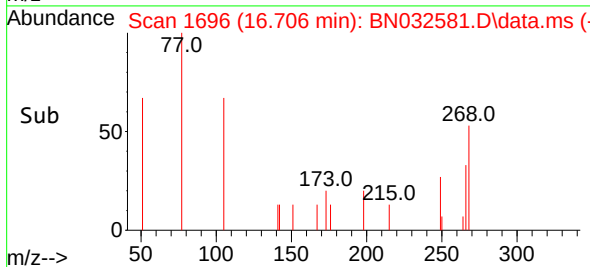
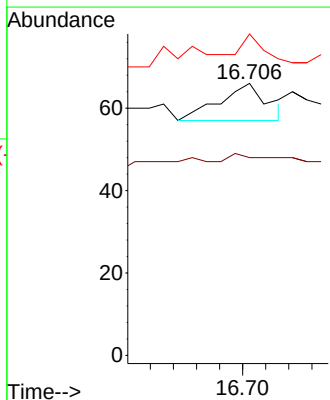
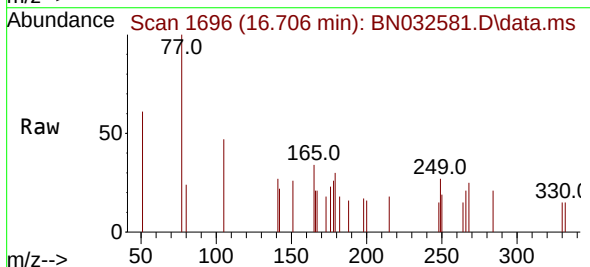
Instrument :
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BP-VPB-196-EB-20240701

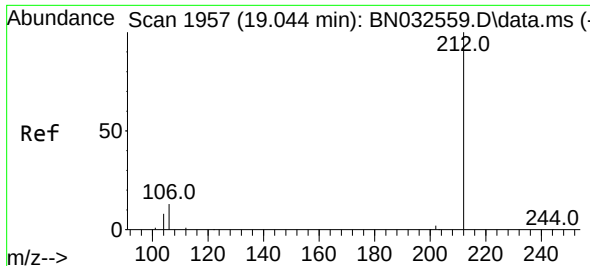
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 370.0 123.4 185.2#
105 228.0 79.5 119.3#



#24
Pentachlorophenol
Concen: 0.172 ng
RT: 16.706 min Scan# 1696
Delta R.T. 0.013 min
Lab File: BN032581.D
Acq: 09 Jul 2024 11:01

Tgt Ion:266 Resp: 26
Ion Ratio Lower Upper
266 100
264 15.4 49.6 74.4#
268 30.8 52.2 78.2#

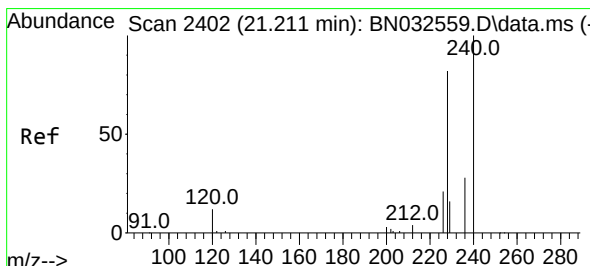
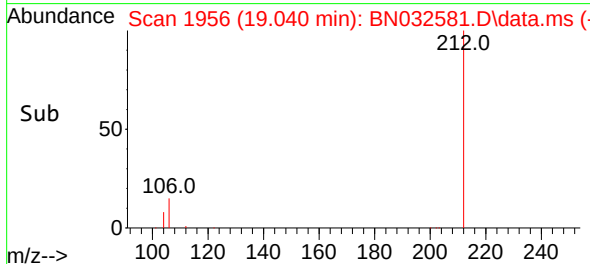
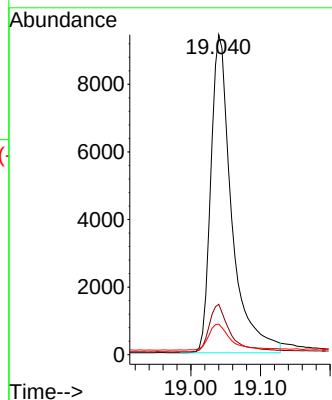
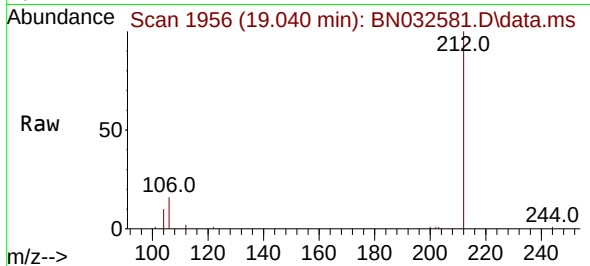




#27
Fluoranthene-d10
Concen: 0.377 ng
RT: 19.040 min Scan# 1956
Delta R.T. -0.004 min
Lab File: BN032581.D
Acq: 09 Jul 2024 11:01

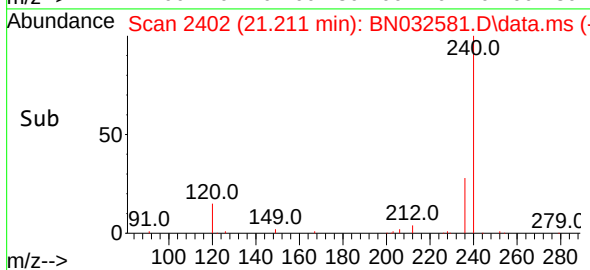
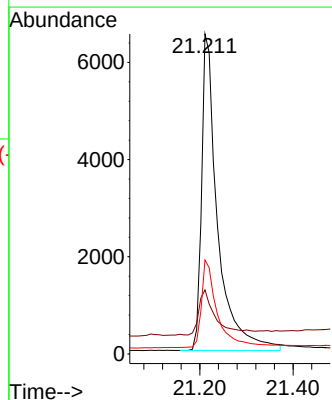
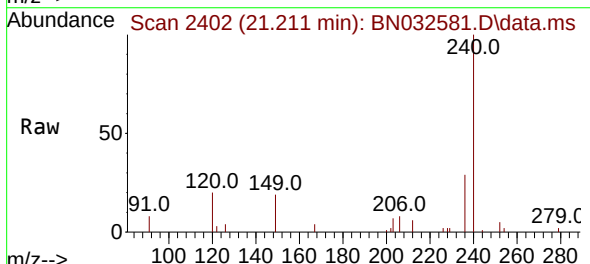
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240701

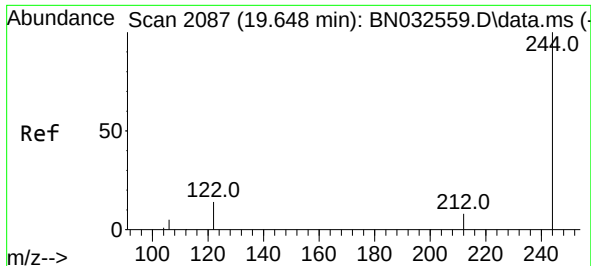
Tgt Ion:212 Resp: 19566
Ion Ratio Lower Upper
212 100
106 14.9 11.8 17.8
104 8.7 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.211 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BN032581.D
Acq: 09 Jul 2024 11:01

Tgt Ion:240 Resp: 15599
Ion Ratio Lower Upper
240 100
120 20.0 13.0 19.4#
236 29.4 23.1 34.7

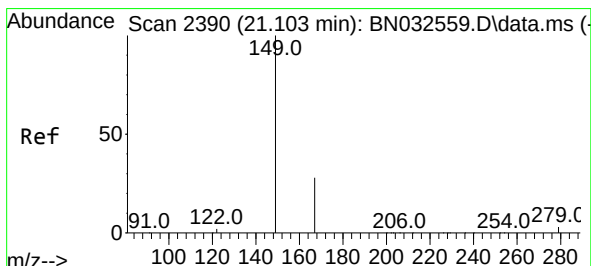
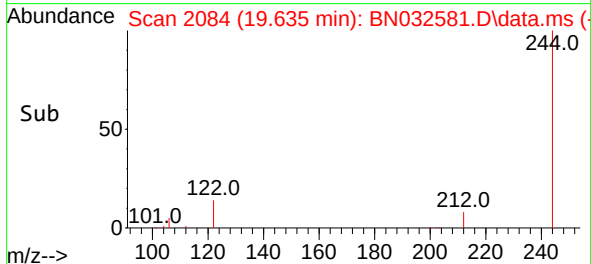
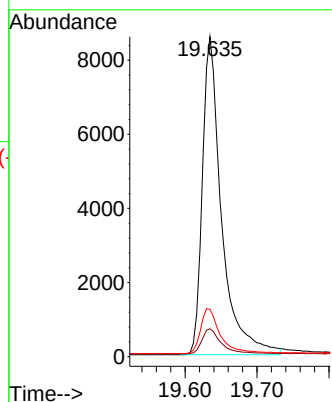
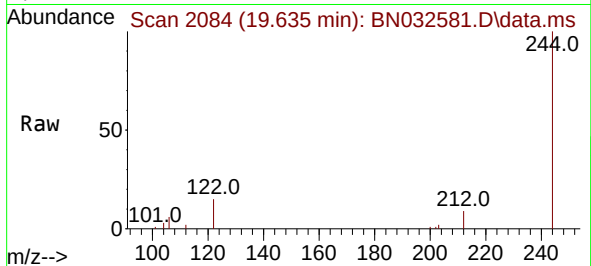




#31
Terphenyl-d14
Concen: 0.418 ng
RT: 19.635 min Scan# 2084
Delta R.T. -0.014 min
Lab File: BN032581.D
Acq: 09 Jul 2024 11:01

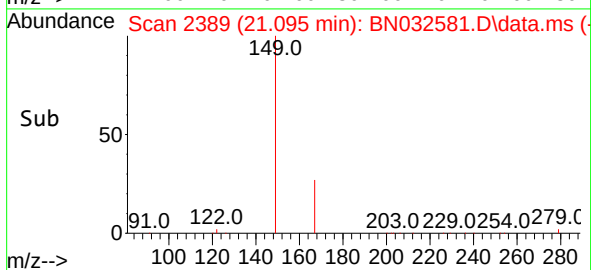
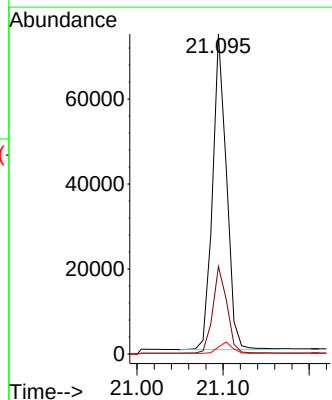
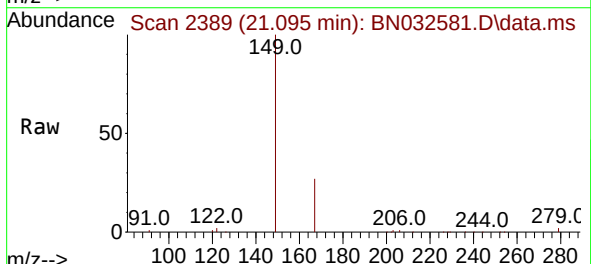
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240701

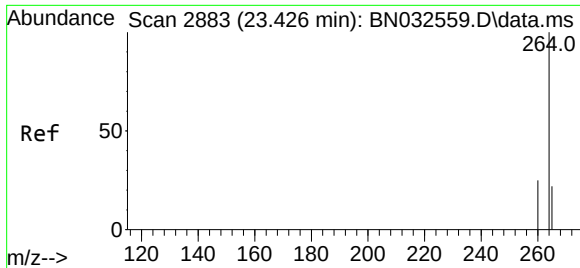
Tgt Ion:244 Resp: 15939
Ion Ratio Lower Upper
244 100
212 8.7 7.2 10.8
122 14.8 12.1 18.1



#34
Bis(2-ethylhexyl)phthalate
Concen: 2.386 ng
RT: 21.095 min Scan# 2389
Delta R.T. -0.009 min
Lab File: BN032581.D
Acq: 09 Jul 2024 11:01

Tgt Ion:149 Resp: 83664
Ion Ratio Lower Upper
149 100
167 27.8 21.6 32.4
279 3.6 3.0 4.6





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.434 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN032581.D

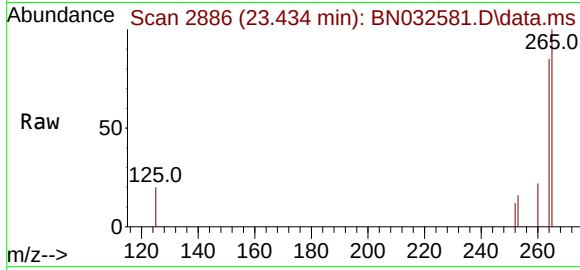
Acq: 09 Jul 2024 11:01

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-EB-20240701



Tgt Ion:264 Resp: 14416

Ion Ratio Lower Upper

264 100

260 25.8 21.0 31.6

265 117.1 76.6 115.0#

