

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
 Data File : BN032585.D
 Acq On : 09 Jul 2024 13:26
 Operator : MA/JU
 Sample : P3127-04
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-EB-20240625

Quant Time: Jul 09 14:26:54 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)

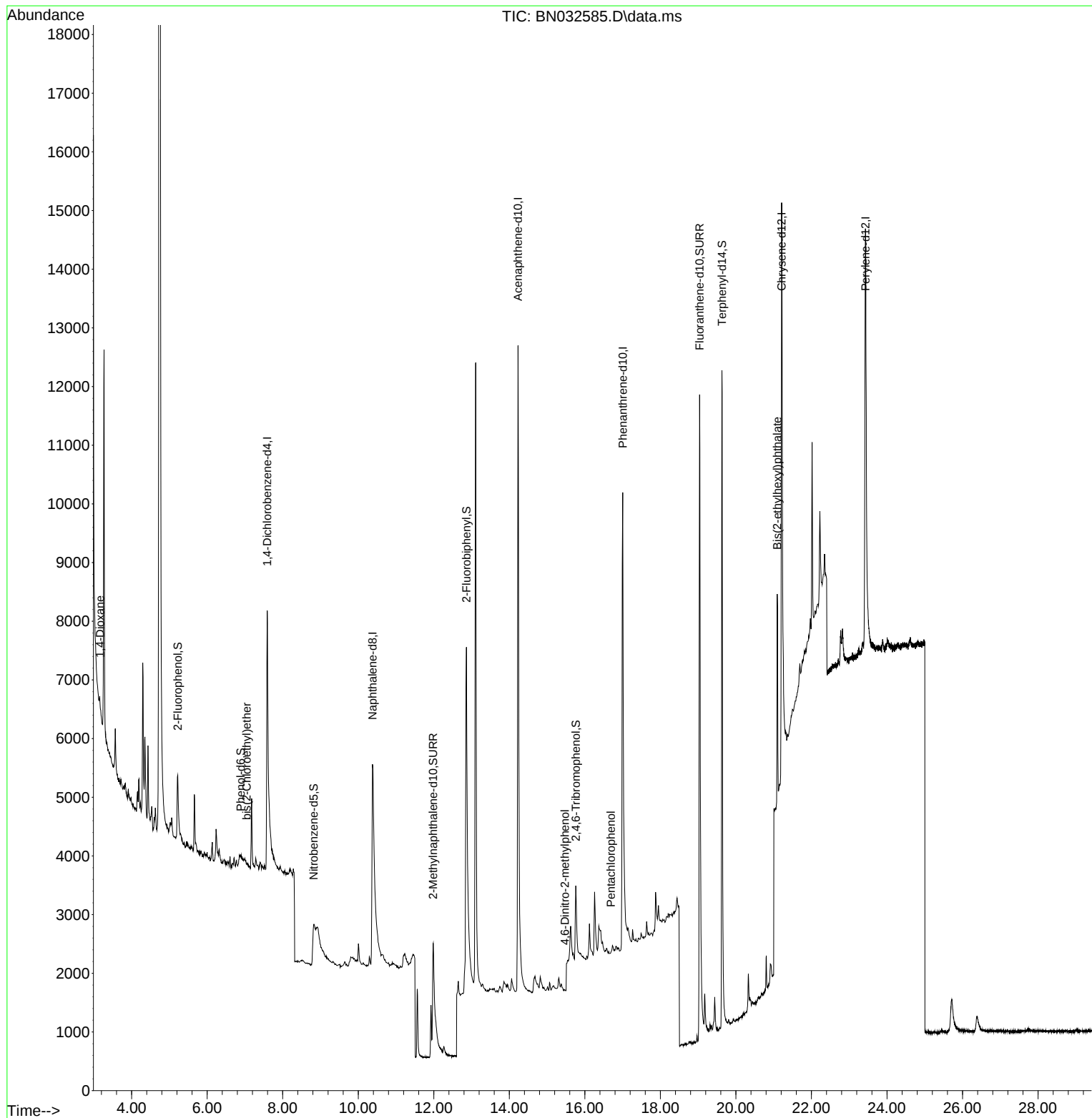
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.588	152	4201	0.400	ng	0.00
7) Naphthalene-d8	10.378	136	12612	0.400	ng	# 0.00
13) Acenaphthene-d10	14.231	164	8984	0.400	ng	0.00
19) Phenanthrene-d10	17.004	188	17742	0.400	ng	0.00
29) Chrysene-d12	21.211	240	13822	0.400	ng	# 0.00
35) Perylene-d12	23.431	264	14600	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.219	112	1952	0.184	ng	0.00
5) Phenol-d6	6.888	99	911	0.067	ng	0.07
8) Nitrobenzene-d5	8.819	82	2564	0.272	ng	0.02
11) 2-Methylnaphthalene-d10	11.983	152	6378	0.320	ng	0.00
14) 2,4,6-Tribromophenol	15.762	330	1171	0.288	ng	0.00
15) 2-Fluorobiphenyl	12.863	172	11390	0.344	ng	0.00
27) Fluoranthene-d10	19.040	212	16743	0.362	ng	0.00
31) Terphenyl-d14	19.630	244	14433	0.428	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.161	88	119	0.022	ng	# 1
6) bis(2-Chloroethyl)ether	7.047	93	5	0.087	ng	# 24
20) 4,6-Dinitro-2-methylph...	15.472	198	1	0.197	ng	# 1
24) Pentachlorophenol	16.693	266	22	0.172	ng	# 55
34) Bis(2-ethylhexyl)phtha...	21.095	149	3631	0.117	ng	98

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

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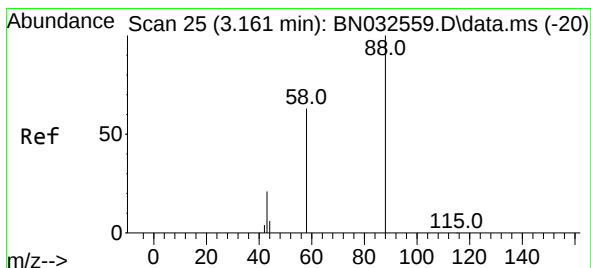
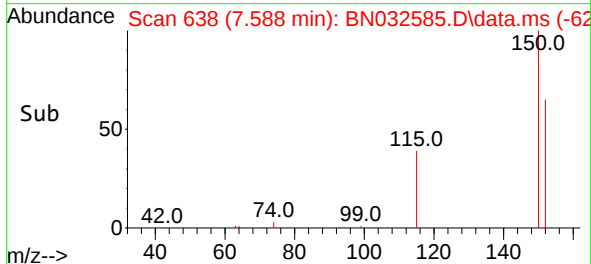
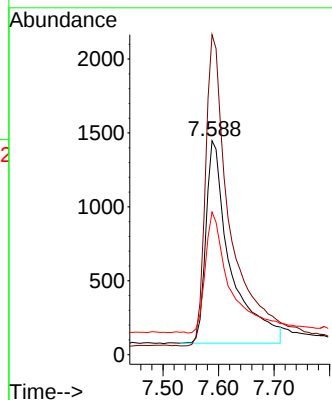
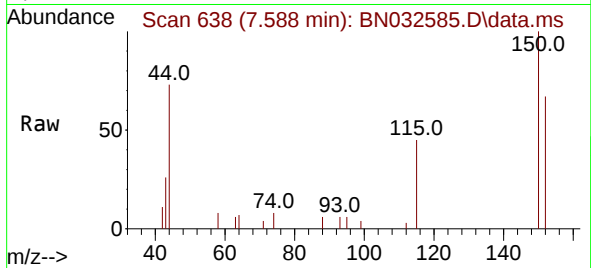




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.588 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN032585.D
 Acq: 09 Jul 2024 13:26

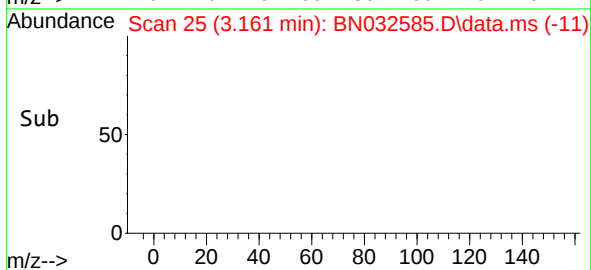
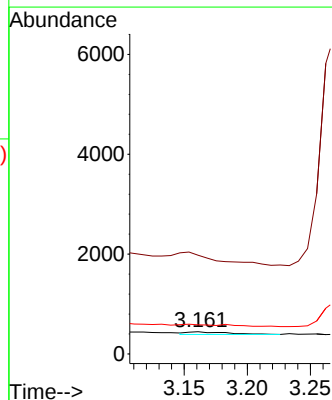
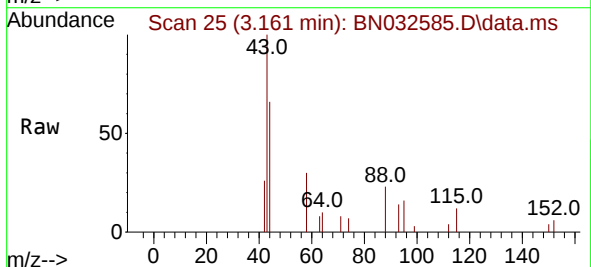
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-EB-20240625

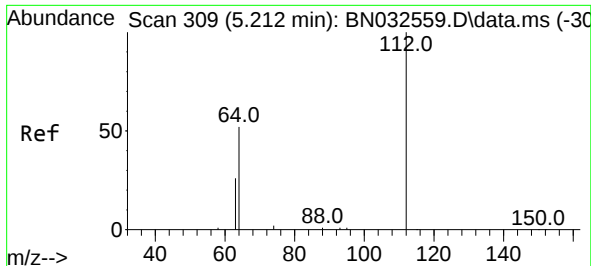
Tgt Ion:152 Resp: 4201
 Ion Ratio Lower Upper
 152 100
 150 149.6 121.6 182.4
 115 66.7 53.1 79.7



#2
 1,4-Dioxane
 Concen: 0.022 ng
 RT: 3.161 min Scan# 25
 Delta R.T. 0.000 min
 Lab File: BN032585.D
 Acq: 09 Jul 2024 13:26

Tgt Ion: 88 Resp: 119
 Ion Ratio Lower Upper
 88 100
 43 520.2 20.4 30.6#
 58 0.0 51.0 76.6#





#4

2-Fluorophenol

Concen: 0.184 ng

RT: 5.219 min Scan# 310

Delta R.T. 0.007 min

Lab File: BN032585.D

Acq: 09 Jul 2024 13:26

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-EB-20240625

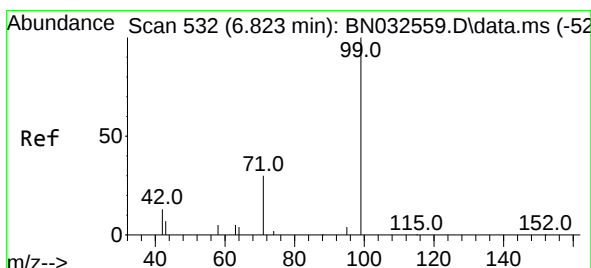
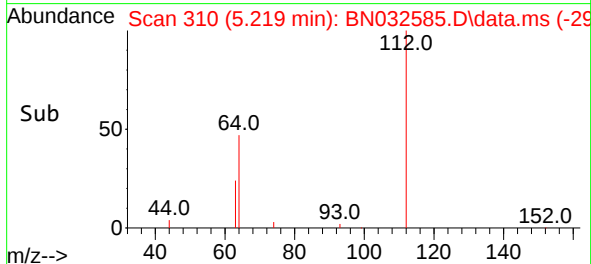
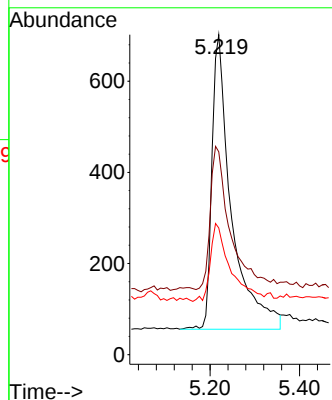
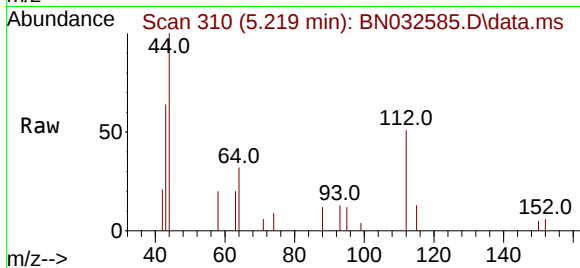
Tgt Ion:112 Resp: 1952

Ion Ratio Lower Upper

112 100

64 50.4 41.2 61.8

63 27.3 21.6 32.4



#5

Phenol-d6

Concen: 0.067 ng

RT: 6.888 min Scan# 541

Delta R.T. 0.065 min

Lab File: BN032585.D

Acq: 09 Jul 2024 13:26

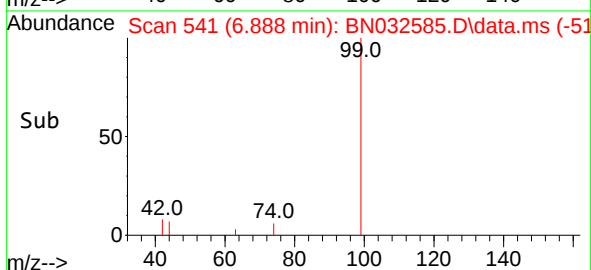
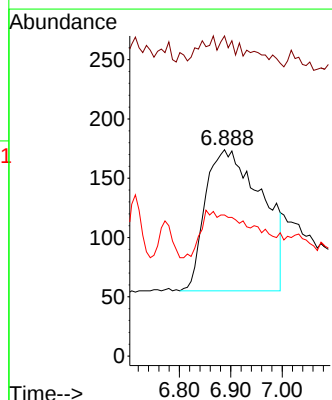
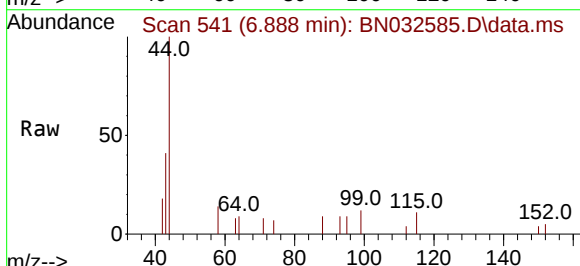
Tgt Ion: 99 Resp: 911

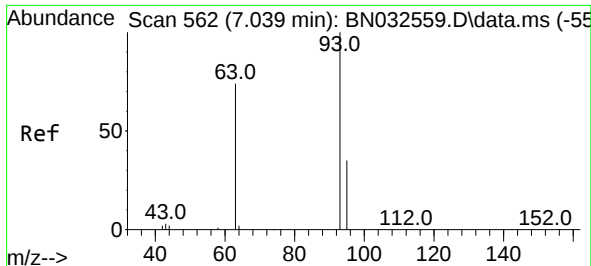
Ion Ratio Lower Upper

99 100

42 0.0 10.6 16.0#

71 0.0 25.2 37.8#

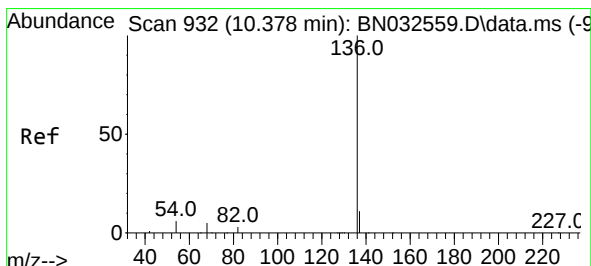
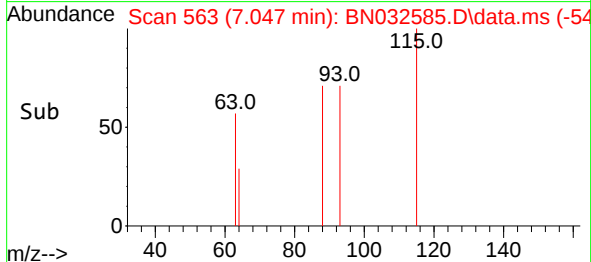
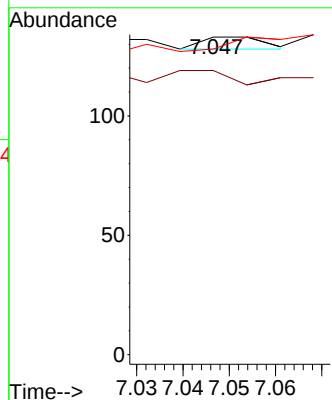
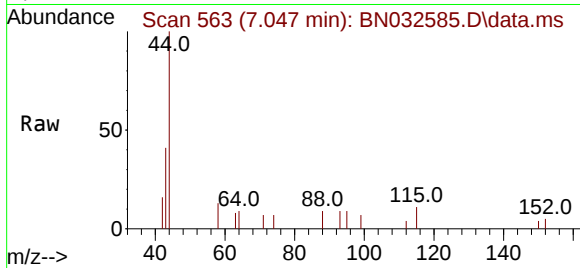




#6
bis(2-Chloroethyl)ether
Concen: 0.087 ng
RT: 7.047 min Scan# 562
Delta R.T. 0.008 min
Lab File: BN032585.D
Acq: 09 Jul 2024 13:26

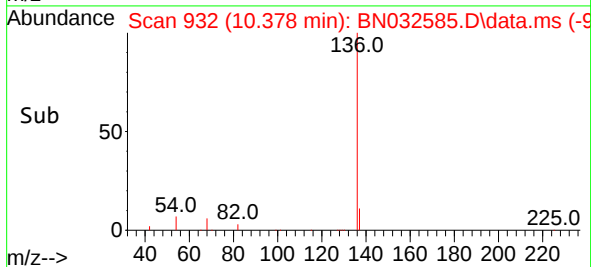
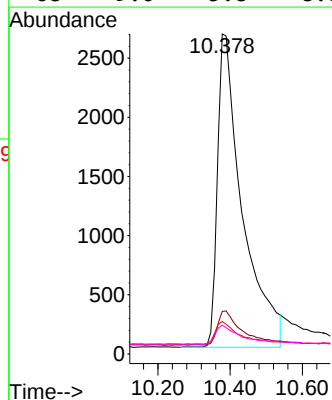
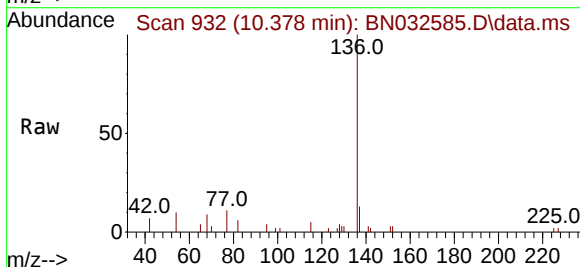
Instrument :
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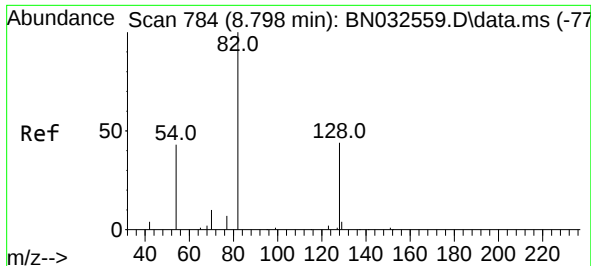
Tgt Ion: 93 Resp: 5
Ion Ratio Lower Upper
93 100
63 0.0 54.1 81.1#
95 0.0 30.5 45.7#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.378 min Scan# 932
Delta R.T. 0.000 min
Lab File: BN032585.D
Acq: 09 Jul 2024 13:26

Tgt Ion: 136 Resp: 12612
Ion Ratio Lower Upper
136 100
137 13.3 10.0 15.0
54 10.2 6.6 9.8#
68 9.0 5.8 8.8#

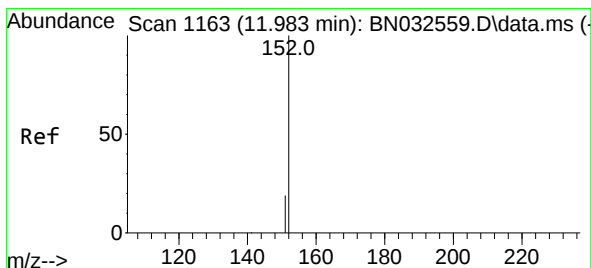
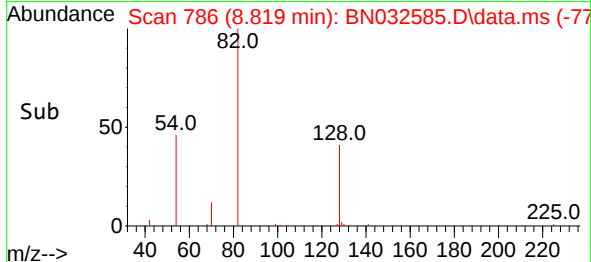
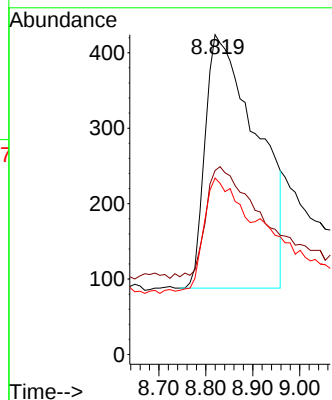
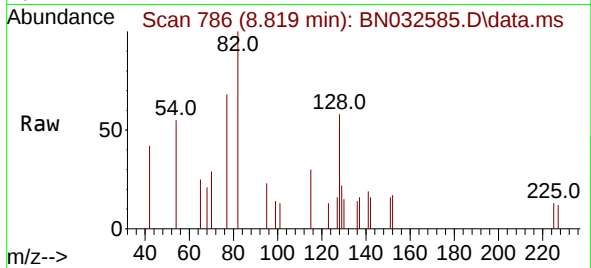




#8
Nitrobenzene-d5
Concen: 0.272 ng
RT: 8.819 min Scan# 786
Delta R.T. 0.021 min
Lab File: BN032585.D
Acq: 09 Jul 2024 13:26

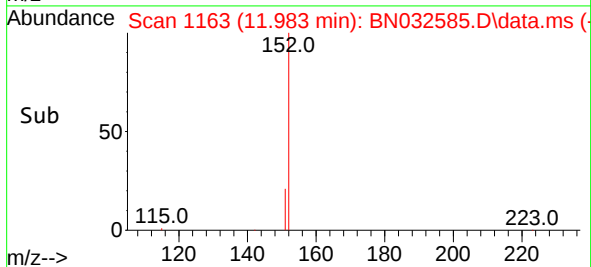
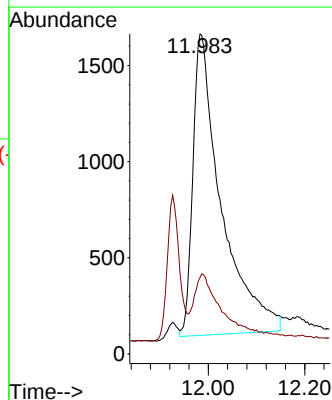
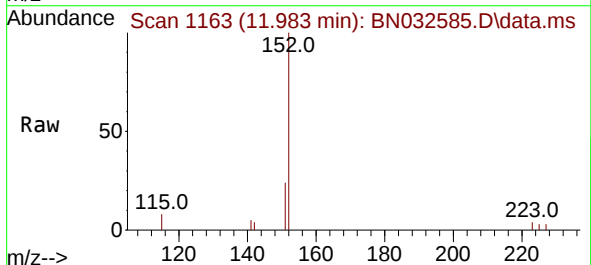
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240625

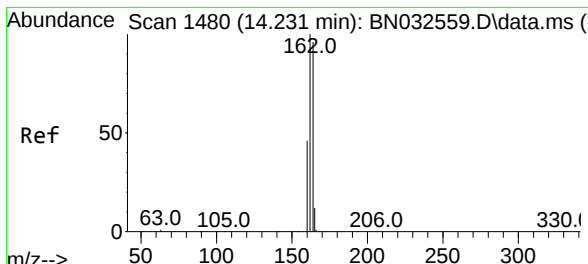
Tgt Ion: 82 Resp: 2564
Ion Ratio Lower Upper
82 100
128 57.5 43.4 65.2
54 55.2 40.2 60.2



#11
2-Methylnaphthalene-d10
Concen: 0.320 ng
RT: 11.983 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BN032585.D
Acq: 09 Jul 2024 13:26

Tgt Ion: 152 Resp: 6378
Ion Ratio Lower Upper
152 100
151 18.6 16.4 24.6

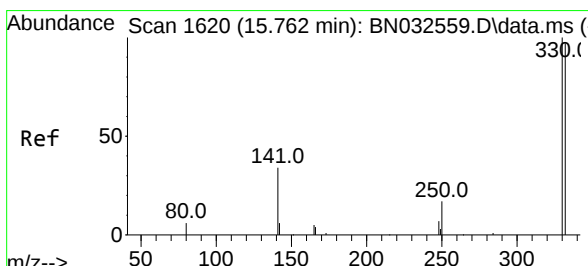
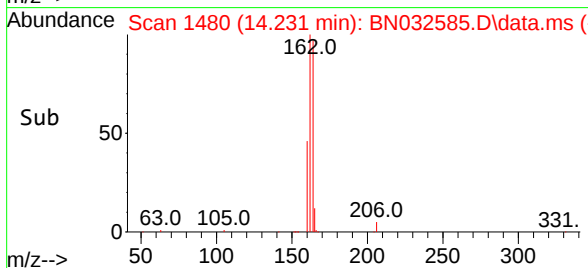
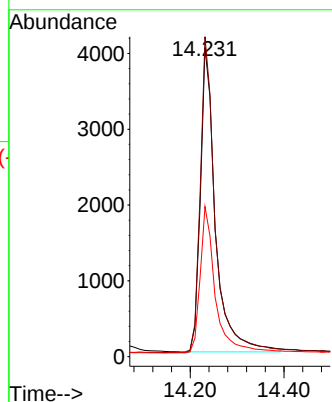
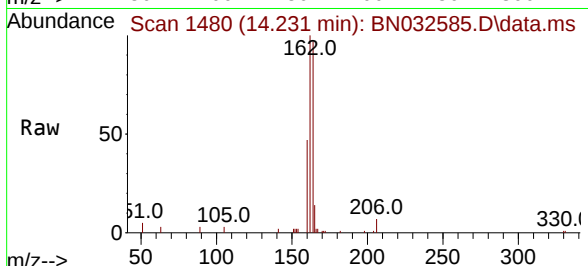




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.231 min Scan# 1480
 Delta R.T. 0.000 min
 Lab File: BN032585.D
 Acq: 09 Jul 2024 13:26

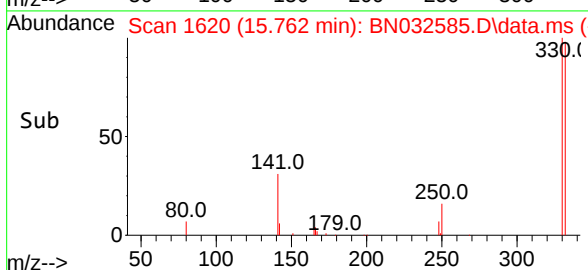
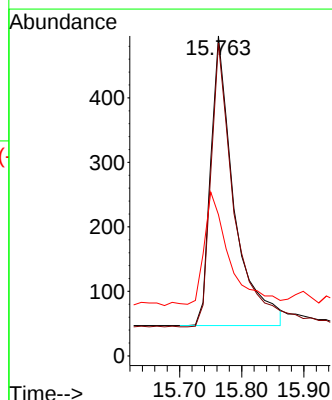
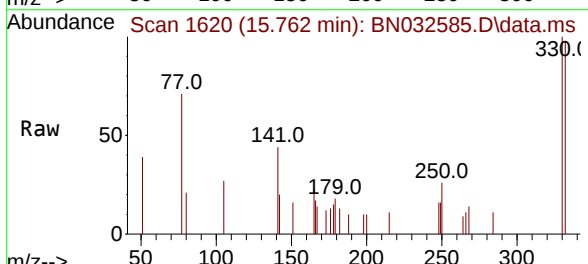
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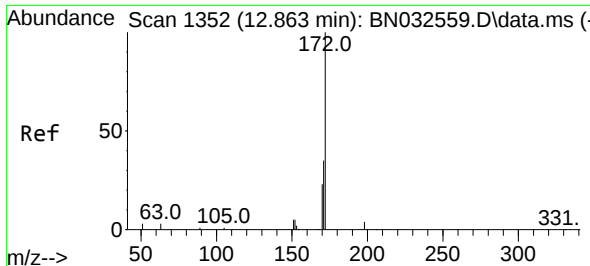
Tgt Ion:	164	Resp:	8984
Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.2	124.8
160	48.5	38.6	57.8



#14
 2,4,6-Tribromophenol
 Concen: 0.288 ng
 RT: 15.762 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: BN032585.D
 Acq: 09 Jul 2024 13:26

Tgt Ion:	330	Resp:	1171
Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.7	116.5
141	39.7	31.8	47.8

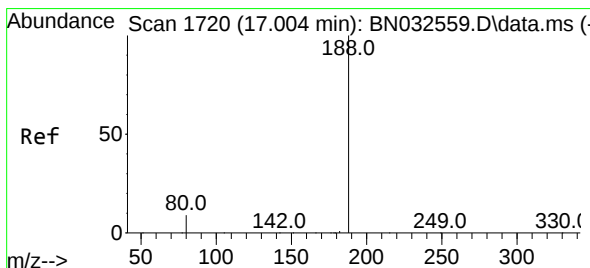
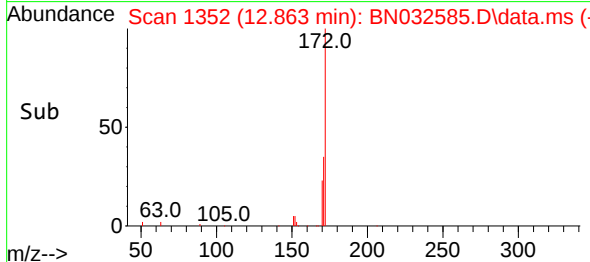
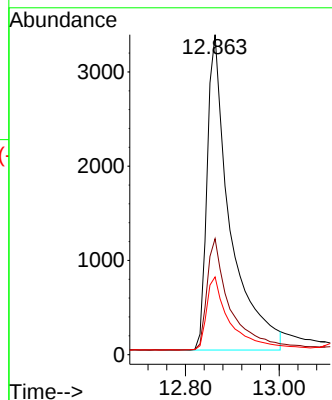
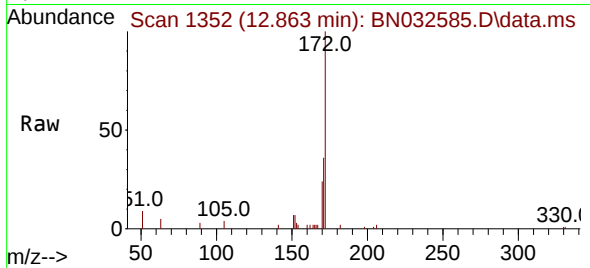




#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 12.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN032585.D
Acq: 09 Jul 2024 13:26

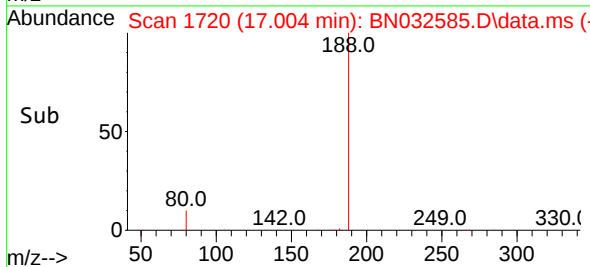
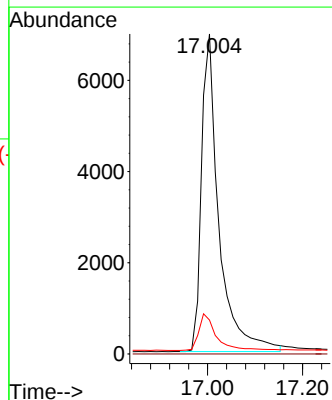
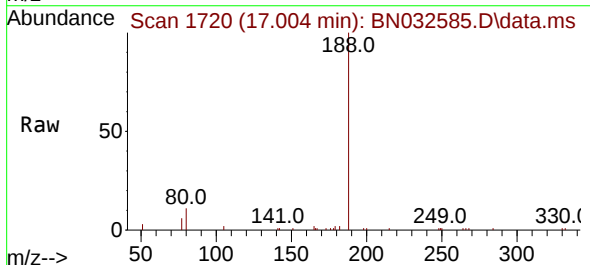
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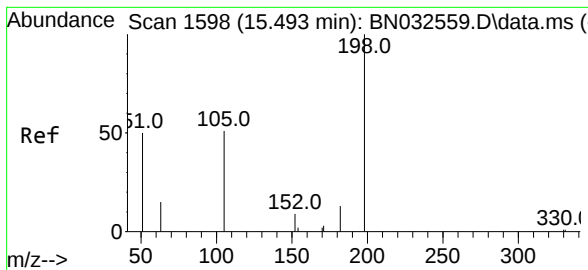
Tgt Ion:172 Resp: 11390
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 24.3 19.2 28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.004 min Scan# 1720
Delta R.T. 0.000 min
Lab File: BN032585.D
Acq: 09 Jul 2024 13:26

Tgt Ion:188 Resp: 17742
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.6 7.8 11.6

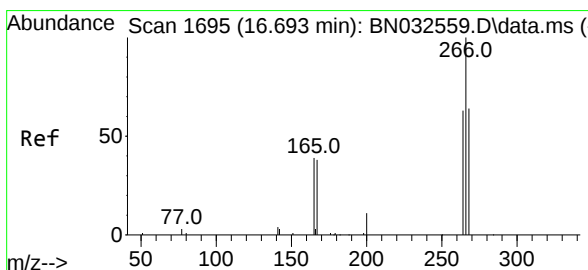
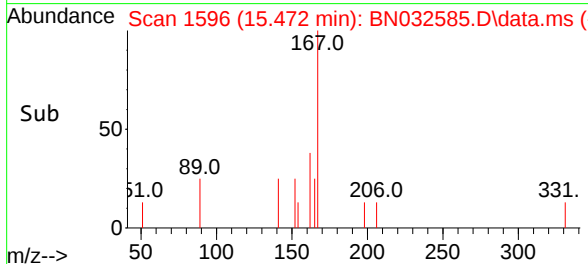
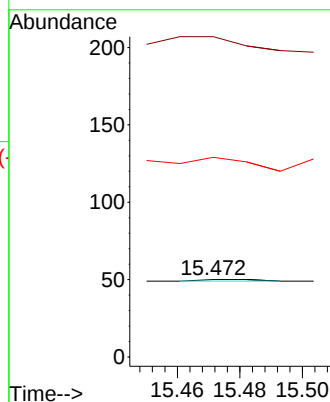
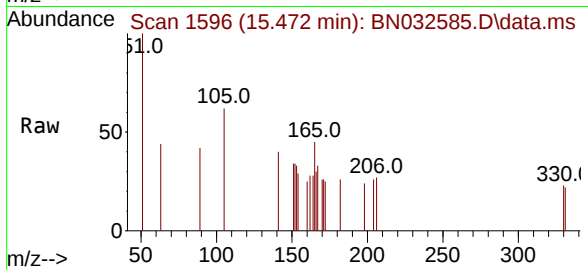




#20
4,6-Dinitro-2-methylphenol
Concen: 0.197 ng
RT: 15.472 min Scan# 1596
Delta R.T. -0.021 min
Lab File: BN032585.D
Acq: 09 Jul 2024 13:26

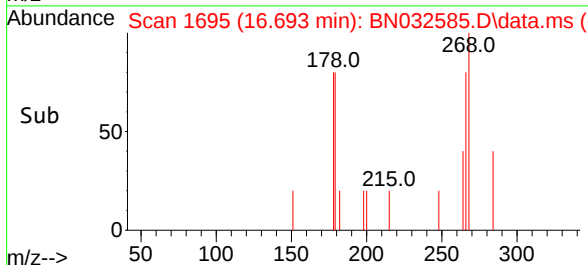
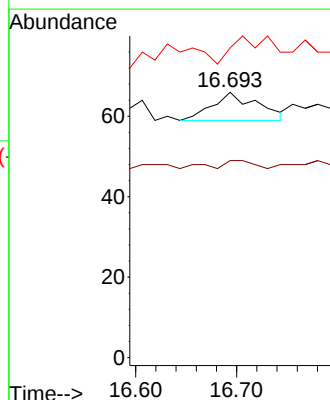
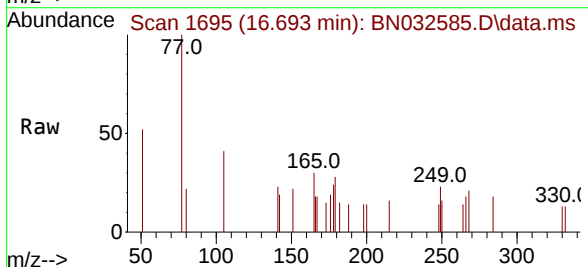
Instrument :
BNA_N
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BP-VPB-196-EB-20240625

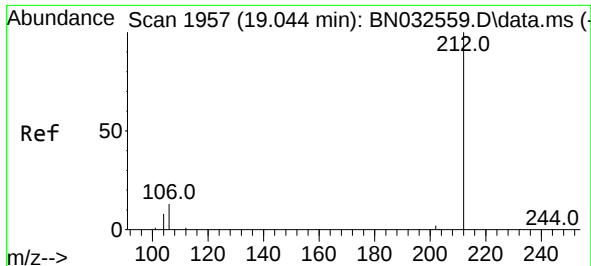
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 414.0 123.4 185.2#
105 258.0 79.5 119.3#



#24
Pentachlorophenol
Concen: 0.172 ng
RT: 16.693 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BN032585.D
Acq: 09 Jul 2024 13:26

Tgt Ion:266 Resp: 22
Ion Ratio Lower Upper
266 100
264 22.7 49.6 74.4#
268 95.5 52.2 78.2#

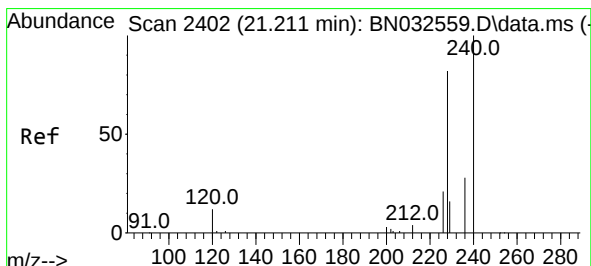
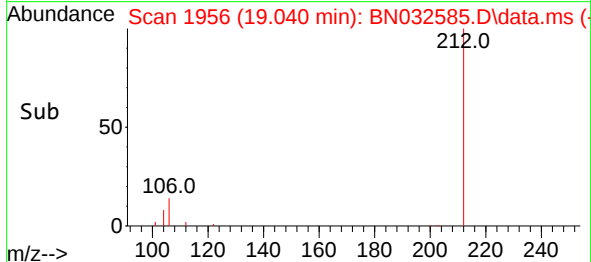
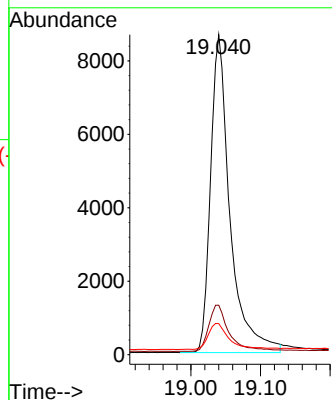
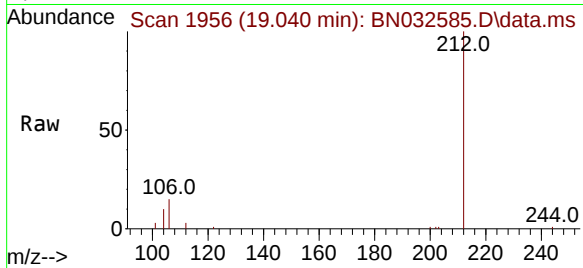




#27
Fluoranthene-d10
Concen: 0.362 ng
RT: 19.040 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BN032585.D
Acq: 09 Jul 2024 13:26

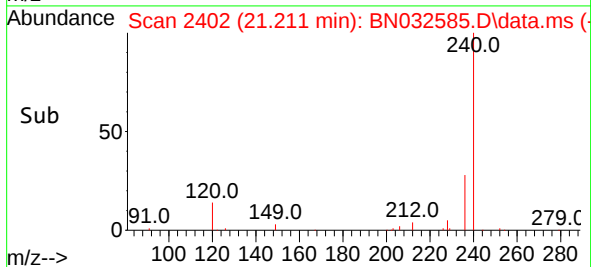
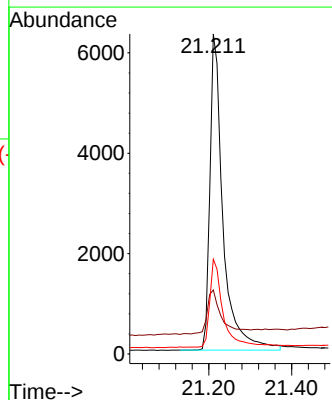
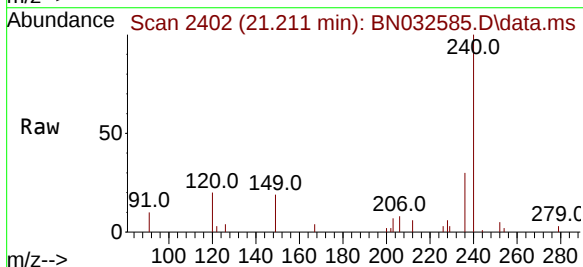
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240625

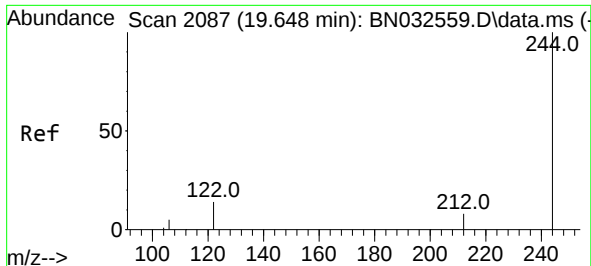
Tgt Ion:212 Resp: 16743
Ion Ratio Lower Upper
212 100
106 15.4 11.8 17.8
104 8.8 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.211 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BN032585.D
Acq: 09 Jul 2024 13:26

Tgt Ion:240 Resp: 13822
Ion Ratio Lower Upper
240 100
120 20.0 13.0 19.4#
236 29.6 23.1 34.7

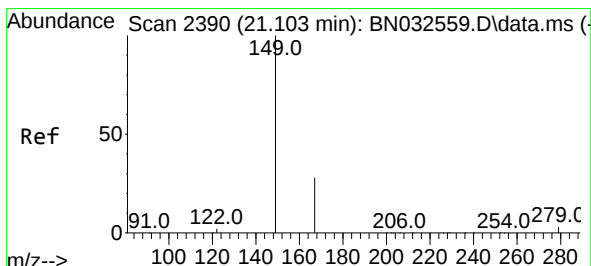
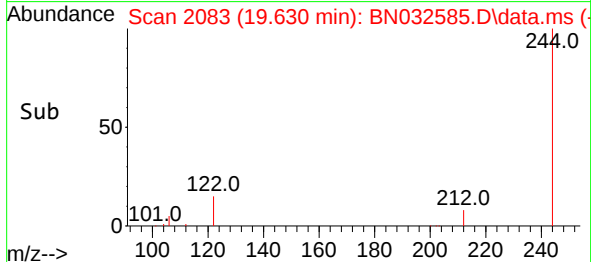
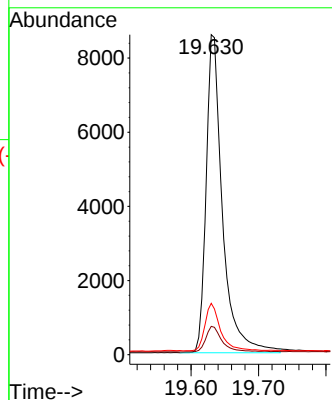
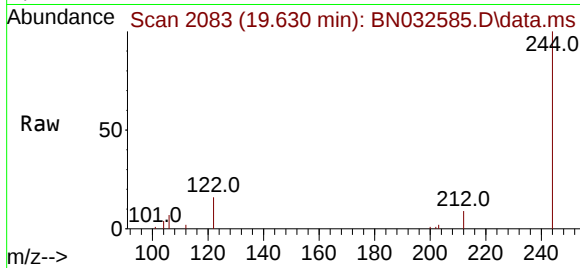




#31
Terphenyl-d14
Concen: 0.428 ng
RT: 19.630 min Scan# 2083
Delta R.T. -0.019 min
Lab File: BN032585.D
Acq: 09 Jul 2024 13:26

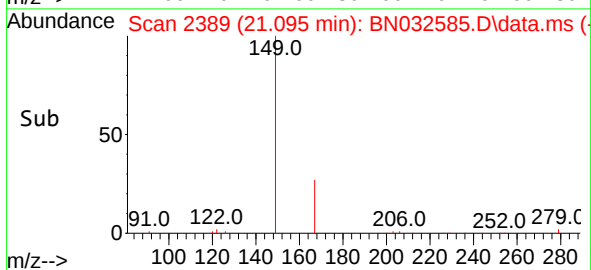
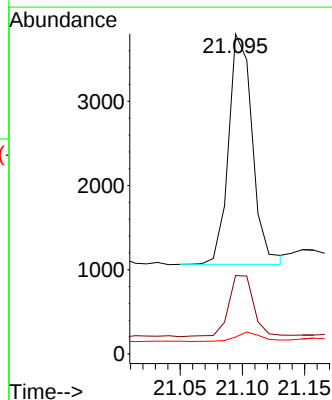
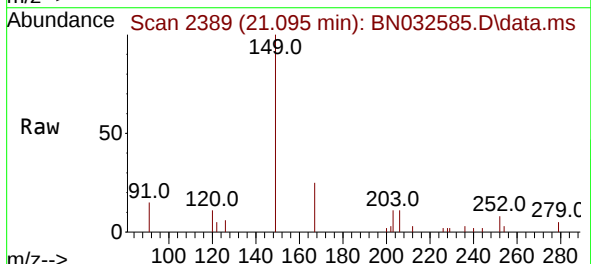
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240625

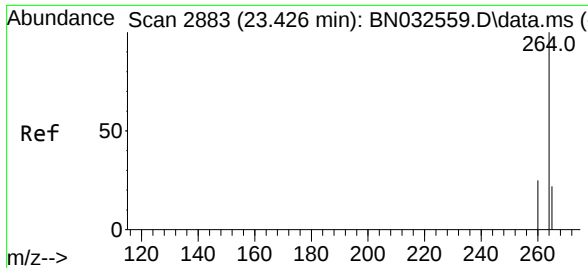
Tgt Ion:244 Resp: 14433
Ion Ratio Lower Upper
244 100
212 8.9 7.2 10.8
122 16.0 12.1 18.1



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.117 ng
RT: 21.095 min Scan# 2389
Delta R.T. -0.009 min
Lab File: BN032585.D
Acq: 09 Jul 2024 13:26

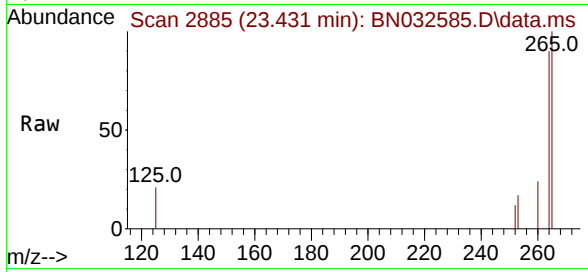
Tgt Ion:149 Resp: 3631
Ion Ratio Lower Upper
149 100
167 28.1 21.6 32.4
279 4.4 3.0 4.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.431 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN032585.D
Acq: 09 Jul 2024 13:26

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240625



Tgt Ion:264 Resp: 14600

Ion	Ratio	Lower	Upper
264	100		
260	26.4	21.0	31.6
265	110.8	76.6	115.0

