

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
 Data File : BN032588.D
 Acq On : 09 Jul 2024 15:14
 Operator : MA/JU
 Sample : P3128-02
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-189-GW-610-612

Quant Time: Jul 11 07:21:30 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)

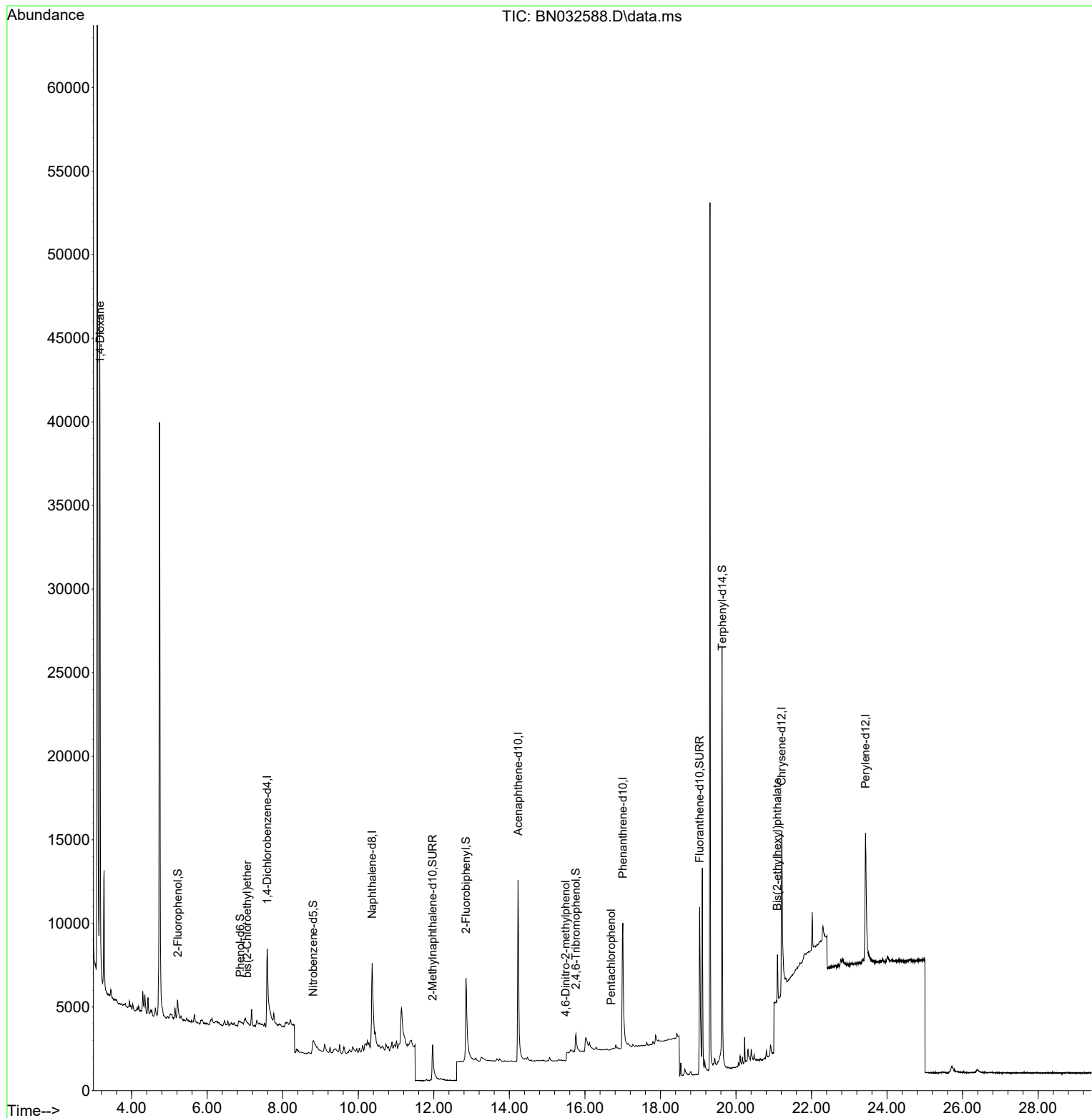
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.588	152	4166	0.400	ng	0.00
7) Naphthalene-d8	10.368	136	13369	0.400	ng	-0.01
13) Acenaphthene-d10	14.231	164	8454	0.400	ng	0.00
19) Phenanthrene-d10	17.004	188	16823	0.400	ng	0.00
29) Chrysene-d12	21.211	240	14035	0.400	ng	# 0.00
35) Perylene-d12	23.429	264	14860	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.219	112	1962	0.186	ng	0.00
5) Phenol-d6	6.873	99	998	0.074	ng	0.05
8) Nitrobenzene-d5	8.809	82	2301	0.231	ng	0.01
11) 2-Methylnaphthalene-d10	11.967	152	5688	0.269	ng	-0.02
14) 2,4,6-Tribromophenol	15.763	330	1092	0.285	ng	0.00
15) 2-Fluorobiphenyl	12.852	172	8726	0.280	ng	-0.01
27) Fluoranthene-d10	19.040	212	14899	0.340	ng	0.00
31) Terphenyl-d14	19.635	244	13247	0.387	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.161	88	25870	4.716	ng	99
6) bis(2-Chloroethyl)ether	7.061	93	50	0.090	ng	# 7
20) 4,6-Dinitro-2-methylph...	15.493	198	3	0.198	ng	# 1
24) Pentachlorophenol	16.693	266	34	0.175	ng	# 79
34) Bis(2-ethylhexyl)phtha...	21.095	149	2979	0.094	ng	# 98

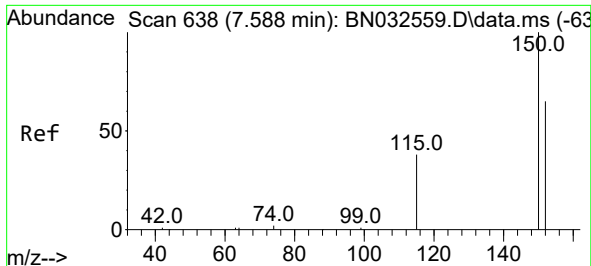
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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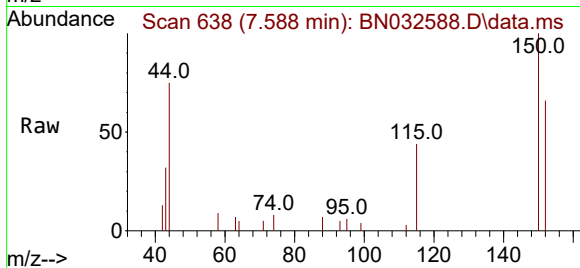
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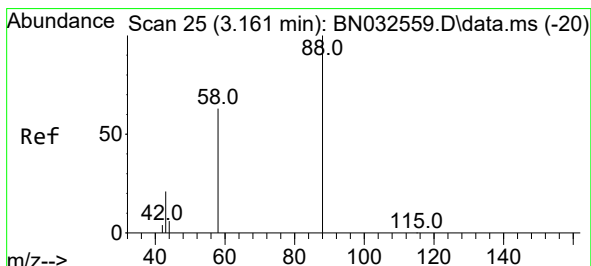
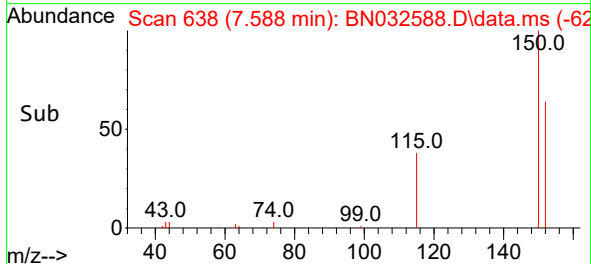
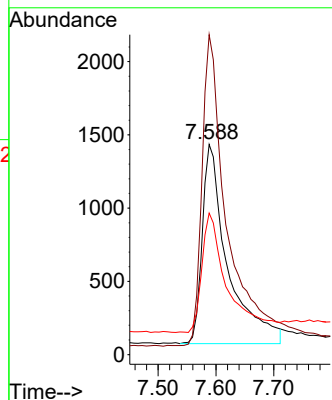
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.588 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN032588.D
 Acq: 09 Jul 2024 15:14

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-189-GW-610-612



Tgt Ion:152 Resp: 4166

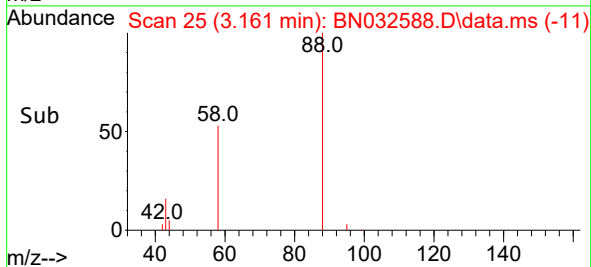
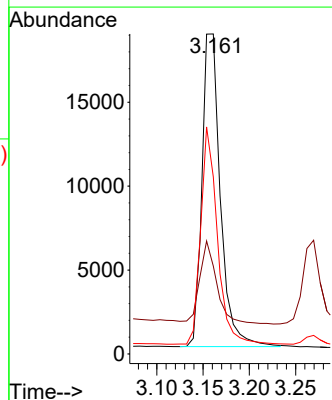
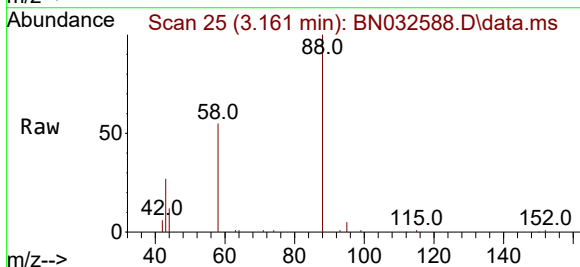
Ion	Ratio	Lower	Upper
152	100		
150	152.2	121.6	182.4
115	67.3	53.1	79.7

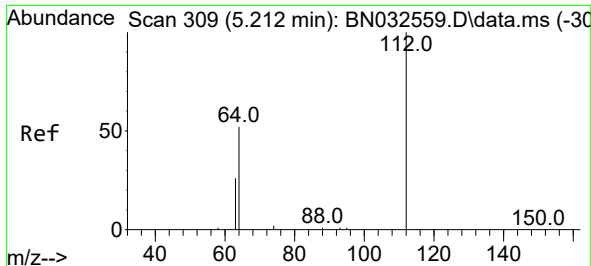


#2
 1,4-Dioxane
 Concen: 4.716 ng
 RT: 3.161 min Scan# 25
 Delta R.T. 0.000 min
 Lab File: BN032588.D
 Acq: 09 Jul 2024 15:14

Tgt Ion: 88 Resp: 25870

Ion	Ratio	Lower	Upper
88	100		
43	24.9	20.4	30.6
58	62.7	51.0	76.6

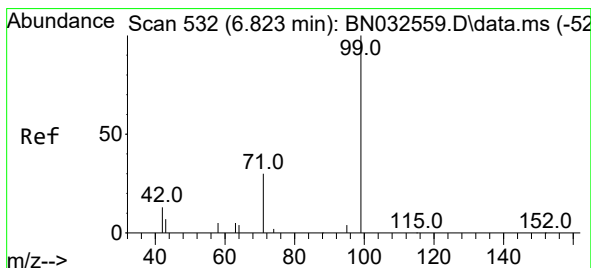
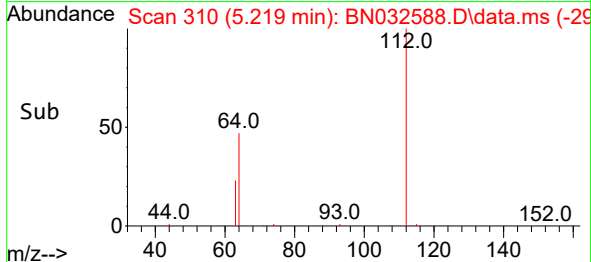
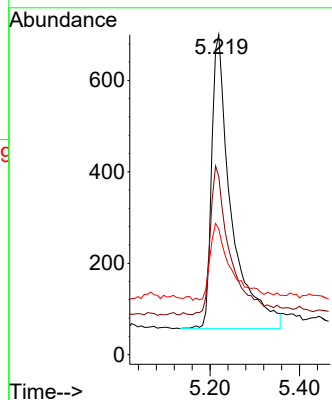
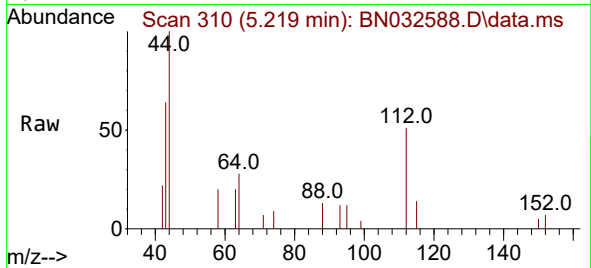




#4
2-Fluorophenol
Concen: 0.186 ng
RT: 5.219 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN032588.D
Acq: 09 Jul 2024 15:14

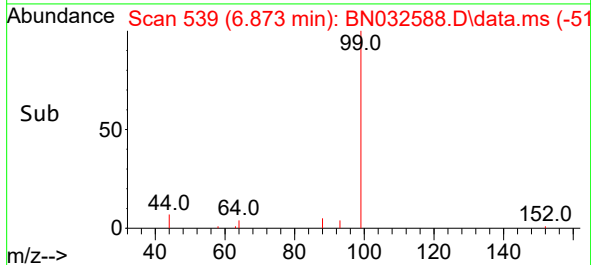
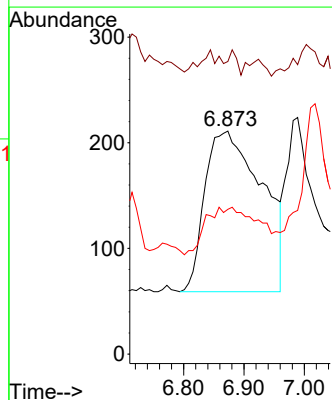
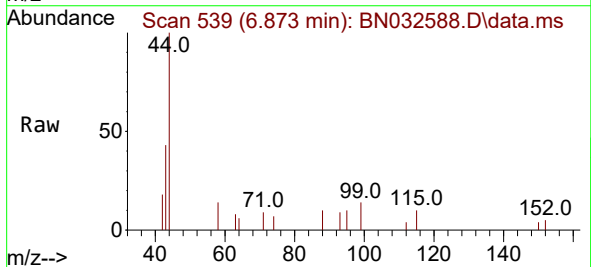
Instrument :
BNA_N
ClientSampleId :
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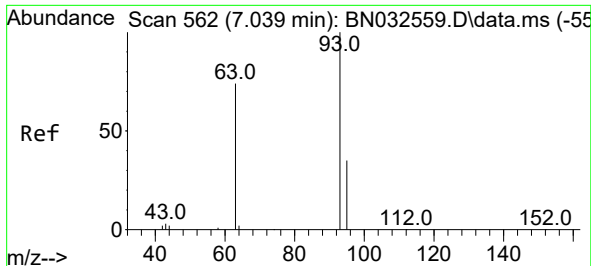
Tgt Ion:112 Resp: 1962
Ion Ratio Lower Upper
112 100
64 50.2 41.2 61.8
63 26.8 21.6 32.4



#5
Phenol-d6
Concen: 0.074 ng
RT: 6.873 min Scan# 539
Delta R.T. 0.051 min
Lab File: BN032588.D
Acq: 09 Jul 2024 15:14

Tgt Ion: 99 Resp: 998
Ion Ratio Lower Upper
99 100
42 2.3 10.6 16.0#
71 0.0 25.2 37.8#

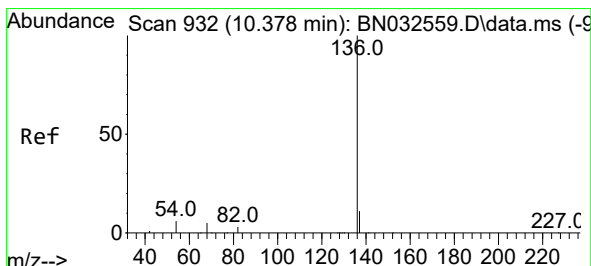
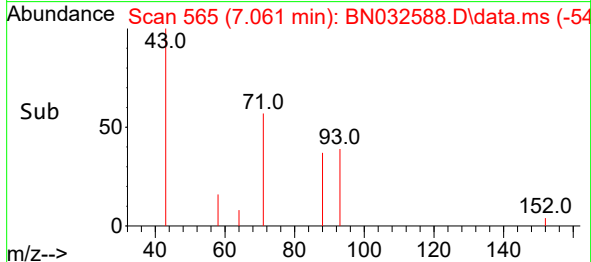
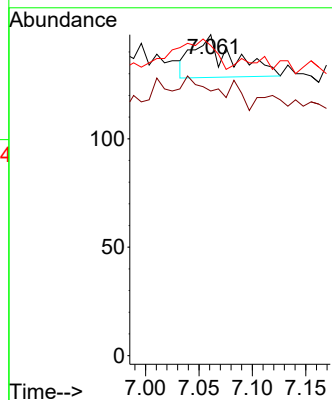
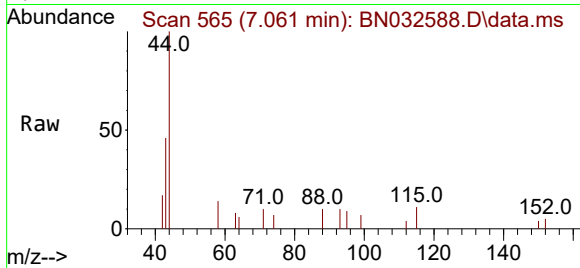




#6
bis(2-Chloroethyl)ether
Concen: 0.090 ng
RT: 7.061 min Scan# 50
Delta R.T. 0.022 min
Lab File: BN032588.D
Acq: 09 Jul 2024 15:14

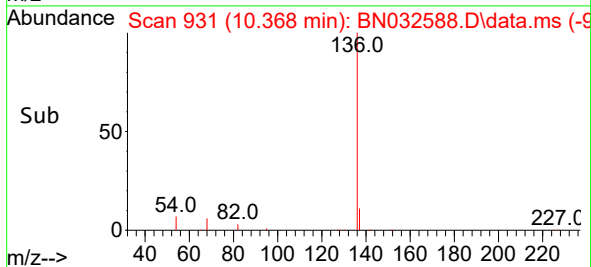
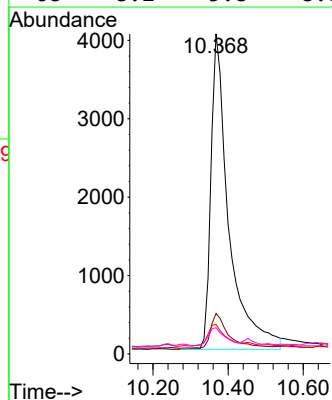
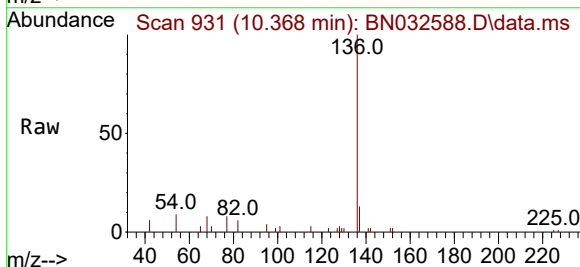
Instrument :
BNA_N
ClientSampleId :
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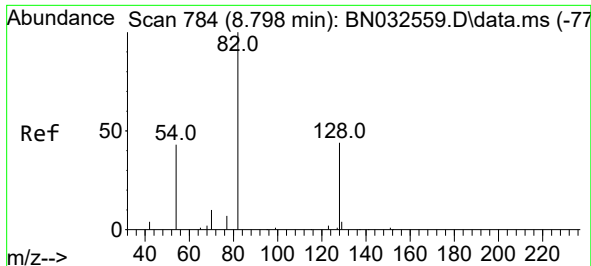
Tgt Ion: 93 Resp: 50
Ion Ratio Lower Upper
93 100
63 0.0 54.1 81.1#
95 104.0 30.5 45.7#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.368 min Scan# 931
Delta R.T. -0.010 min
Lab File: BN032588.D
Acq: 09 Jul 2024 15:14

Tgt Ion:136 Resp: 13369
Ion Ratio Lower Upper
136 100
137 12.7 10.0 15.0
54 9.2 6.6 9.8
68 8.2 5.8 8.8

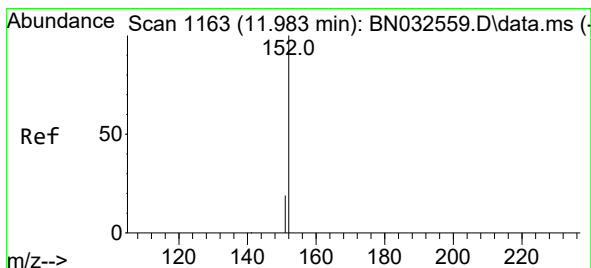
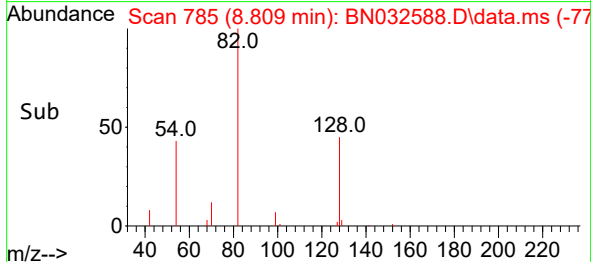
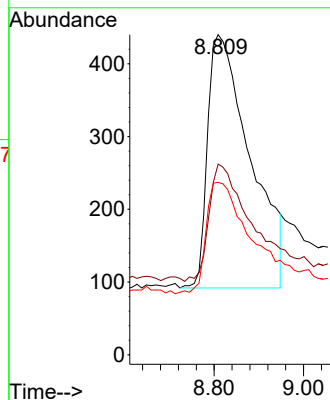
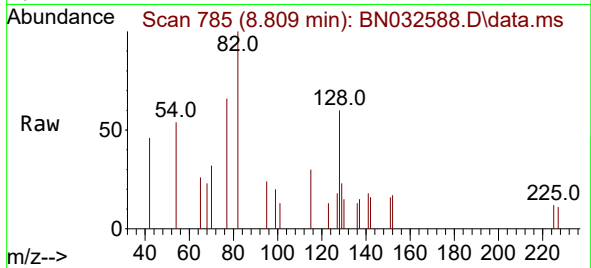




#8
Nitrobenzene-d5
Concen: 0.231 ng
RT: 8.809 min Scan# 71
Delta R.T. 0.011 min
Lab File: BN032588.D
Acq: 09 Jul 2024 15:14

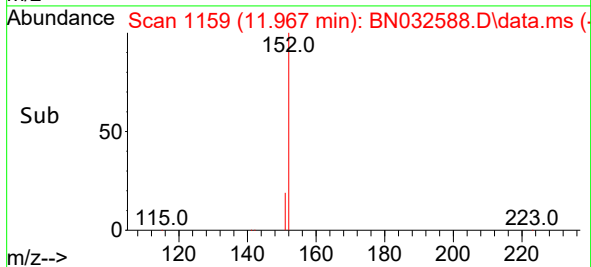
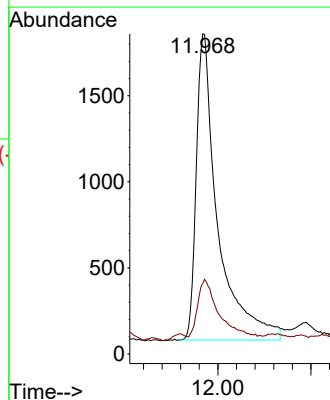
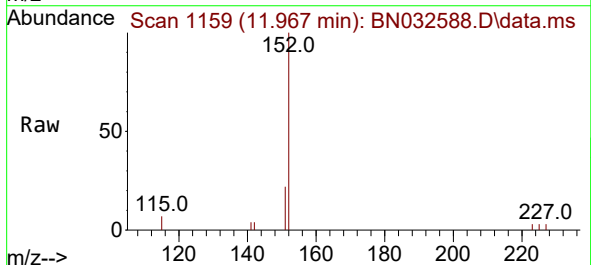
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-610-612

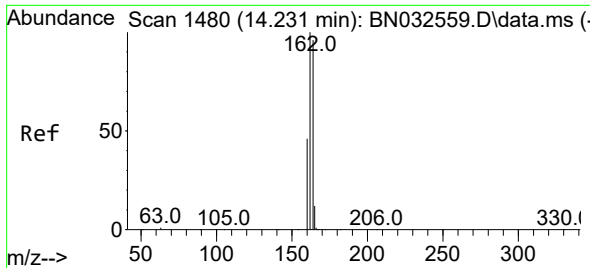
Tgt Ion: 82 Resp: 2301
Ion Ratio Lower Upper
82 100
128 59.5 43.4 65.2
54 53.9 40.2 60.2



#11
2-Methylnaphthalene-d10
Concen: 0.269 ng
RT: 11.967 min Scan# 1159
Delta R.T. -0.015 min
Lab File: BN032588.D
Acq: 09 Jul 2024 15:14

Tgt Ion:152 Resp: 5688
Ion Ratio Lower Upper
152 100
151 19.1 16.4 24.6

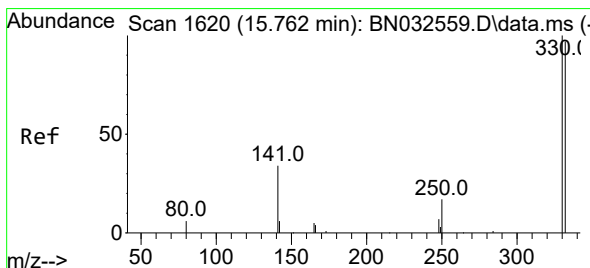
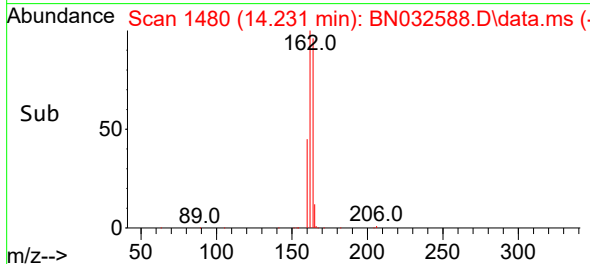
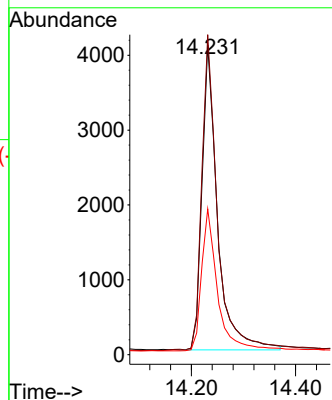
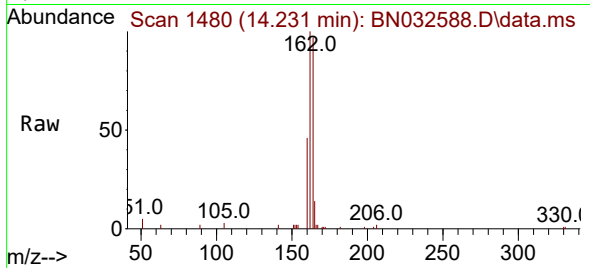




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.231 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BN032588.D
Acq: 09 Jul 2024 15:14

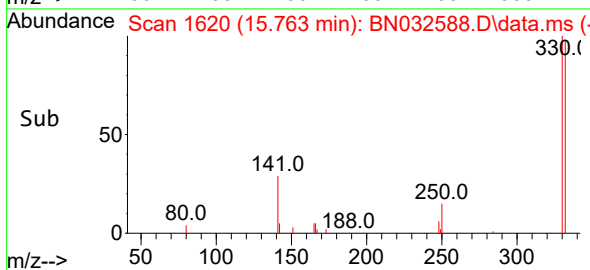
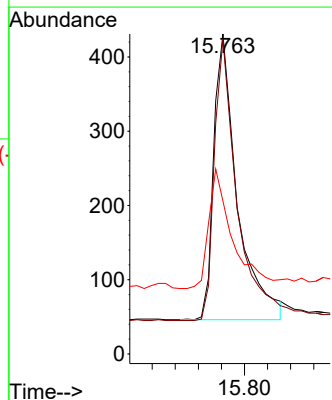
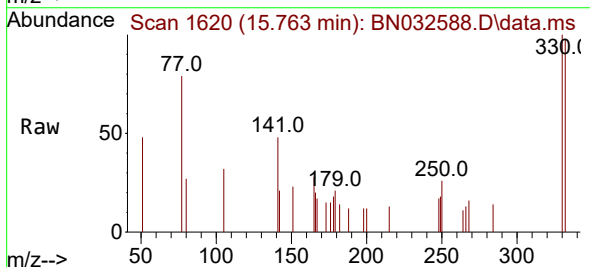
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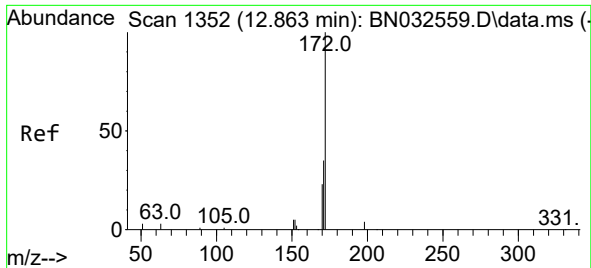
Tgt Ion:	164	Resp:	8454
Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.2	124.8
160	47.0	38.6	57.8



#14
2,4,6-Tribromophenol
Concen: 0.285 ng
RT: 15.763 min Scan# 1620
Delta R.T. 0.000 min
Lab File: BN032588.D
Acq: 09 Jul 2024 15:14

Tgt Ion:	330	Resp:	1092
Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.7	116.5
141	42.0	31.8	47.8

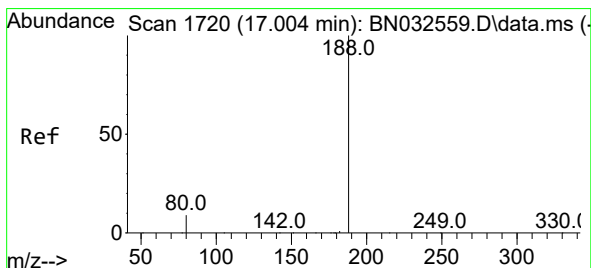
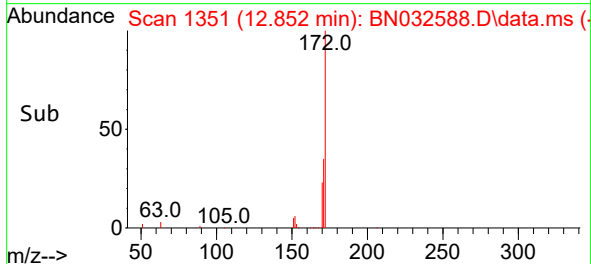
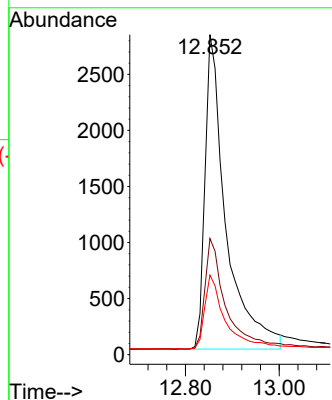
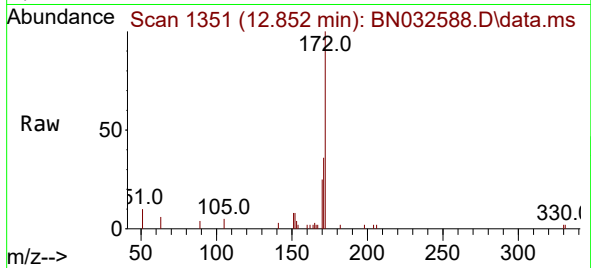




#15
2-Fluorobiphenyl
Concen: 0.280 ng
RT: 12.852 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN032588.D
Acq: 09 Jul 2024 15:14

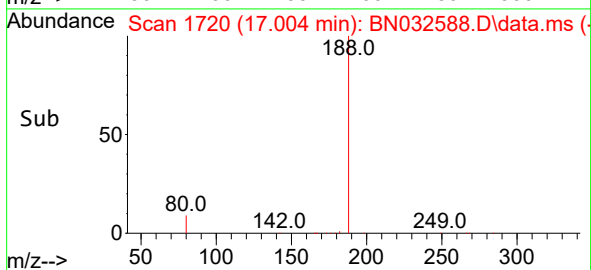
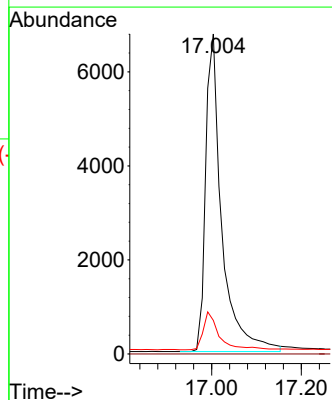
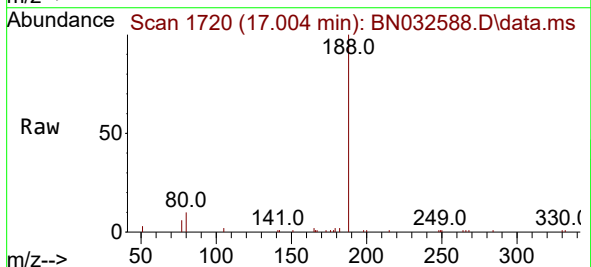
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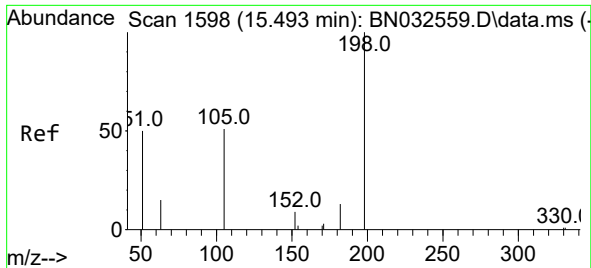
Tgt Ion:172 Resp: 8726
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 24.8 19.2 28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.004 min Scan# 1720
Delta R.T. 0.000 min
Lab File: BN032588.D
Acq: 09 Jul 2024 15:14

Tgt Ion:188 Resp: 16823
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 7.8 11.6

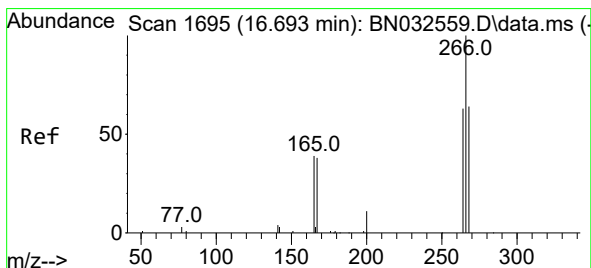
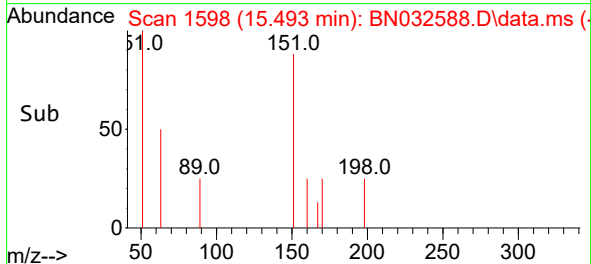
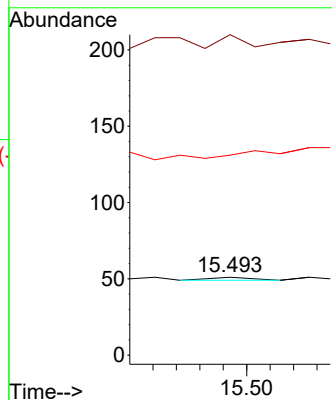
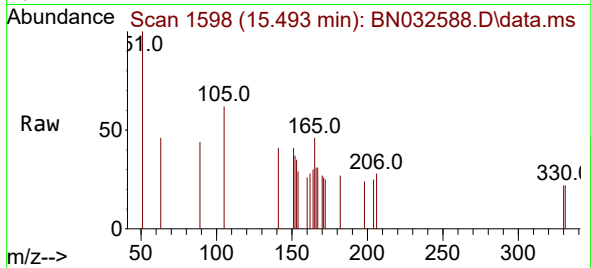




#20
4,6-Dinitro-2-methylphenol
Concen: 0.198 ng
RT: 15.493 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BN032588.D
Acq: 09 Jul 2024 15:14

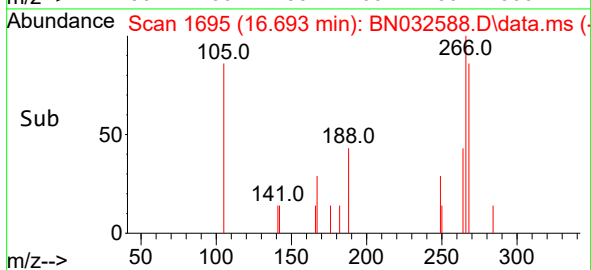
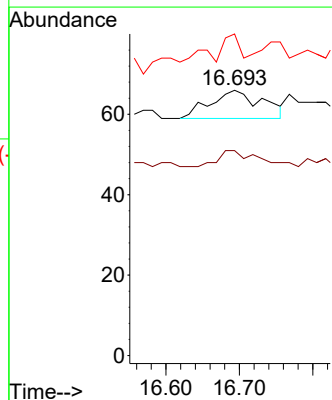
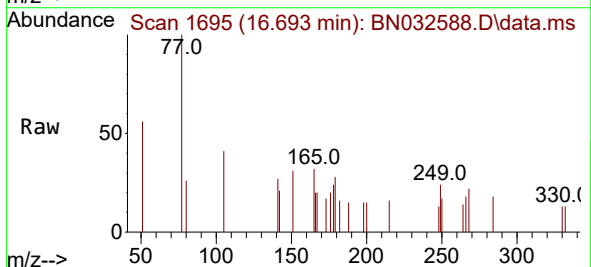
Instrument :
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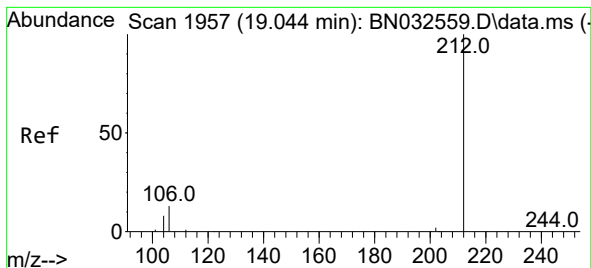
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 411.8 123.4 185.2#
105 256.9 79.5 119.3#



#24
Pentachlorophenol
Concen: 0.175 ng
RT: 16.693 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BN032588.D
Acq: 09 Jul 2024 15:14

Tgt Ion:266 Resp: 34
Ion Ratio Lower Upper
266 100
264 44.1 49.6 74.4#
268 50.0 52.2 78.2#





#27

Fluoranthene-d10

Concen: 0.340 ng

RT: 19.040 min Scan# 1957

Delta R.T. -0.005 min

Lab File: BN032588.D

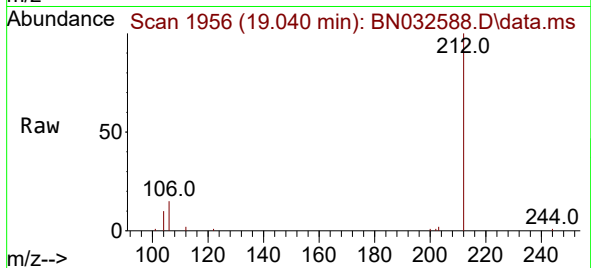
Acq: 09 Jul 2024 15:14

Instrument :

BNA_N

ClientSampleId :

BP-VPB-189-GW-610-612



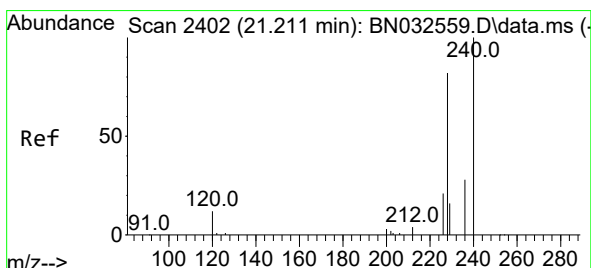
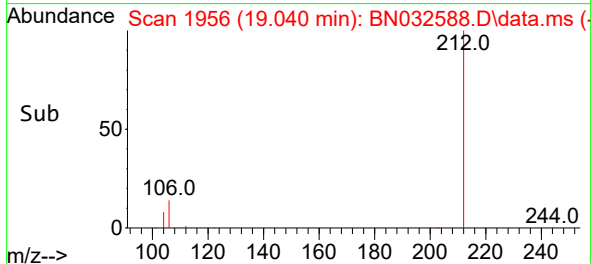
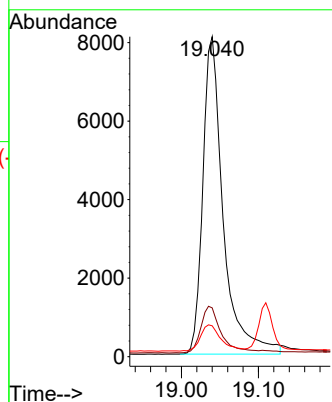
Tgt Ion:212 Resp: 14899

Ion Ratio Lower Upper

212 100

106 14.7 11.8 17.8

104 8.3 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: BN032588.D

Acq: 09 Jul 2024 15:14

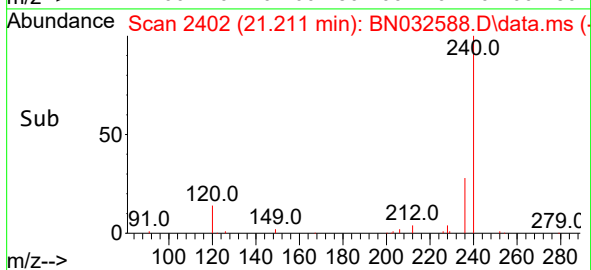
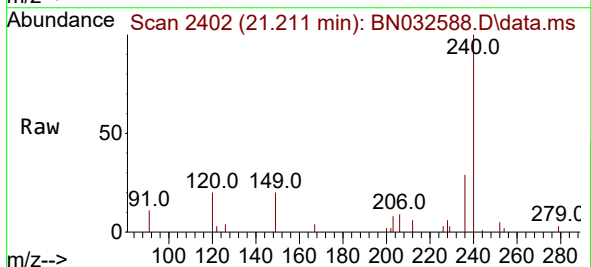
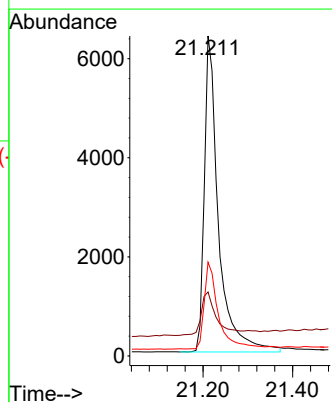
Tgt Ion:240 Resp: 14035

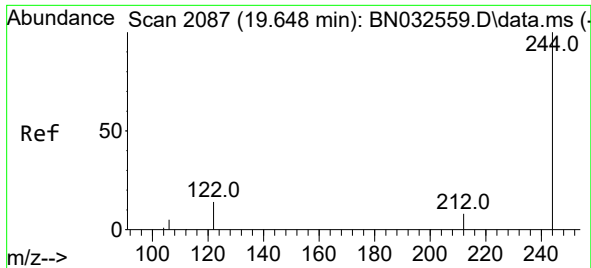
Ion Ratio Lower Upper

240 100

120 20.0 13.0 19.4

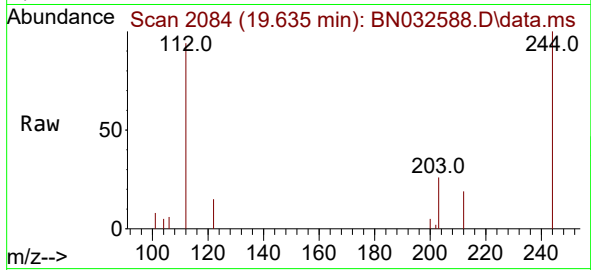
236 29.3 23.1 34.7



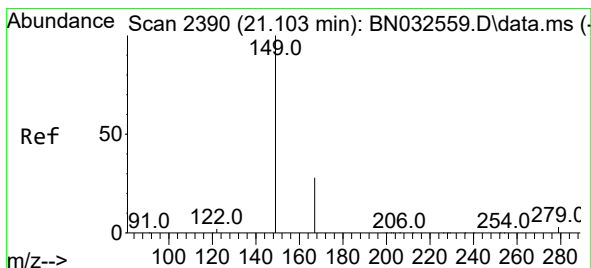
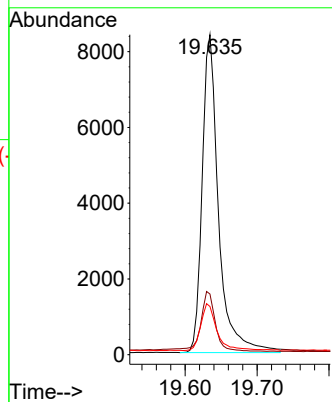
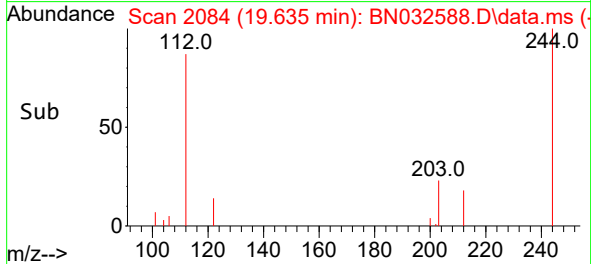


#31
Terphenyl-d14
Concen: 0.387 ng
RT: 19.635 min Scan# 2084
Delta R.T. -0.014 min
Lab File: BN032588.D
Acq: 09 Jul 2024 15:14

Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-610-612

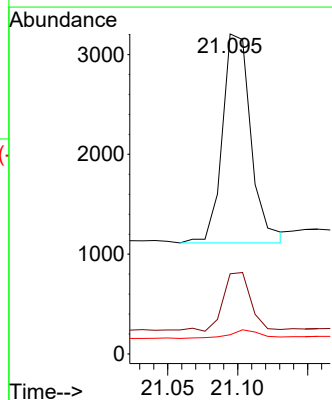
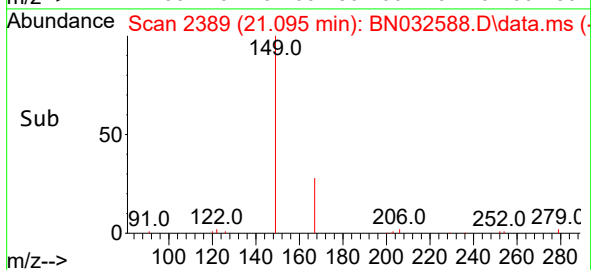
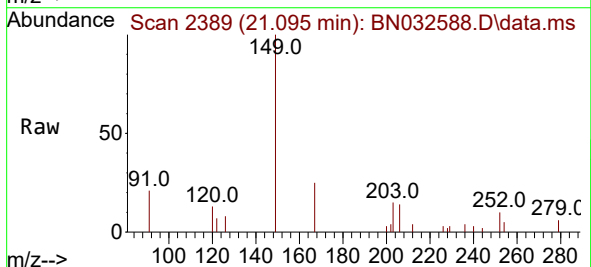


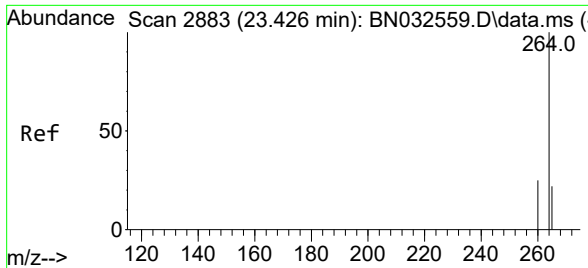
Tgt Ion:244 Resp: 13247
Ion Ratio Lower Upper
244 100
212 19.0 7.2 10.8#
122 15.1 12.1 18.1



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.094 ng
RT: 21.095 min Scan# 2389
Delta R.T. -0.009 min
Lab File: BN032588.D
Acq: 09 Jul 2024 15:14

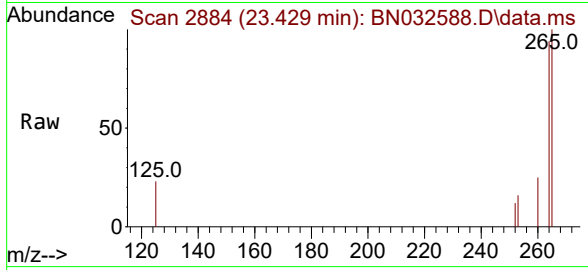
Tgt Ion:149 Resp: 2979
Ion Ratio Lower Upper
149 100
167 26.3 21.6 32.4
279 4.8 3.0 4.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.429 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN032588.D
Acq: 09 Jul 2024 15:14

Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-610-612



Tgt Ion:264 Resp: 14860
Ion Ratio Lower Upper
264 100
260 26.5 21.0 31.6
265 106.2 76.6 115.0

