

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034092.D
 Acq On : 20 Sep 2024 18:06
 Operator : JU/RC
 Sample : P4003-04
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW17811-20240911

Quant Time: Sep 21 01:19:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 16:09:28 2024
 Response via : Initial Calibration

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

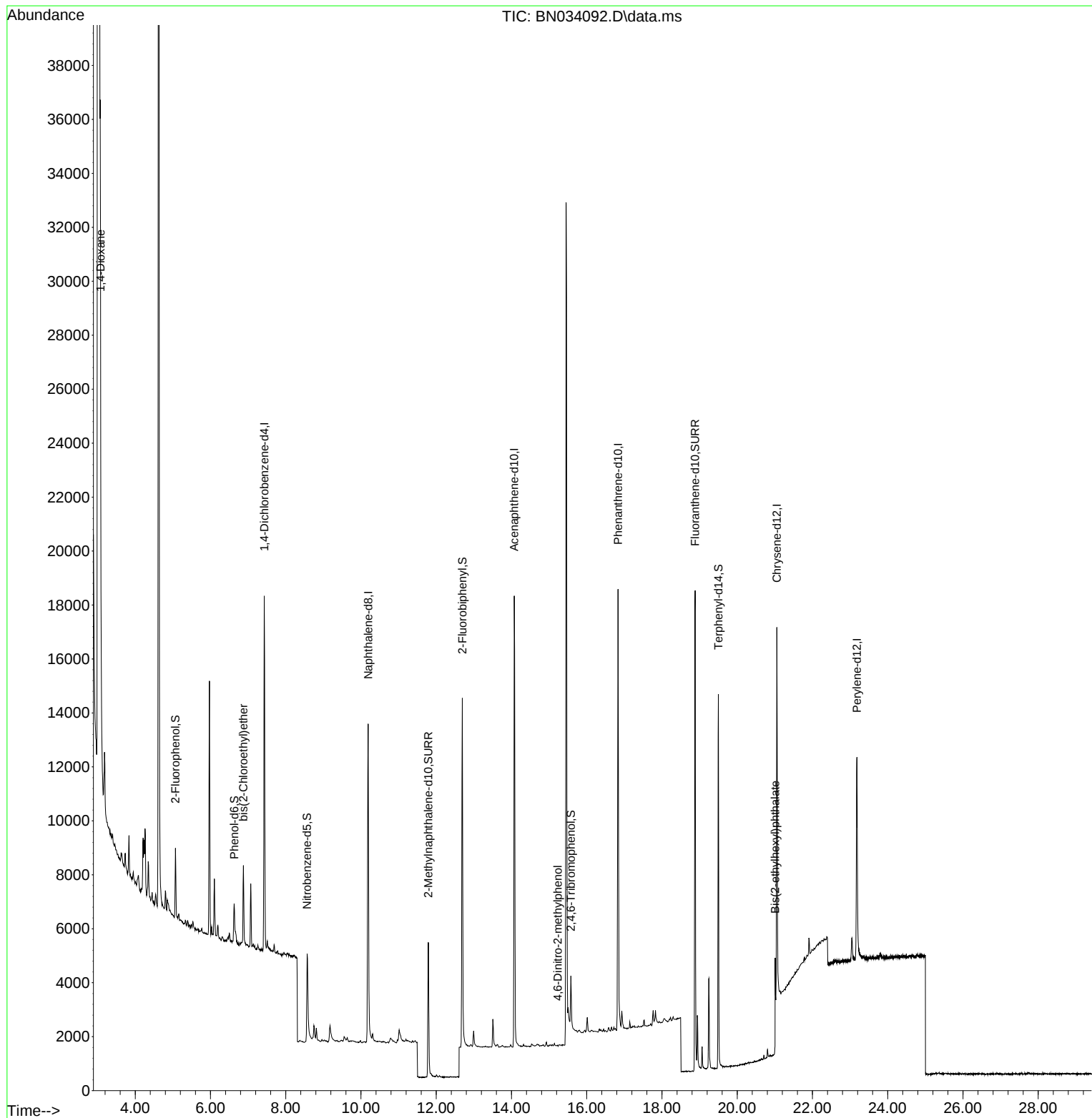
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	6191	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	17100	0.400	ng	0.00
13) Acenaphthene-d10	14.072	164	9999	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	20861	0.400	ng	# 0.00
29) Chrysene-d12	21.053	240	13364	0.400	ng	0.00
35) Perylene-d12	23.180	264	10532	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	1912	0.109	ng	0.00
5) Phenol-d6	6.629	99	1435	0.070	ng	0.00
8) Nitrobenzene-d5	8.568	82	3626	0.277	ng	0.00
11) 2-Methylnaphthalene-d10	11.788	152	7589	0.301	ng	0.00
14) 2,4,6-Tribromophenol	15.579	330	1087	0.240	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	12234	0.301	ng	0.00
27) Fluoranthene-d10	18.880	212	19983	0.380	ng	0.00
31) Terphenyl-d14	19.498	244	12833	0.481	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.075	88	6032	0.779	ng	# 74
6) bis(2-Chloroethyl)ether	6.874	93	1934	0.107	ng	98
20) 4,6-Dinitro-2-methylph...	15.227	198	6	0.139	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.008	149	1838	0.104	ng	# 92

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

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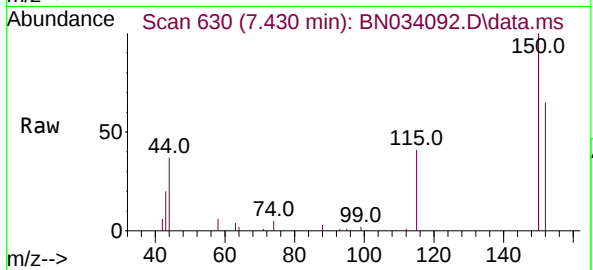
Quant Time: Sep 21 01:19:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 16:09:28 2024
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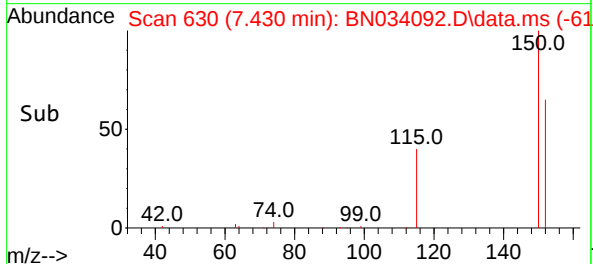
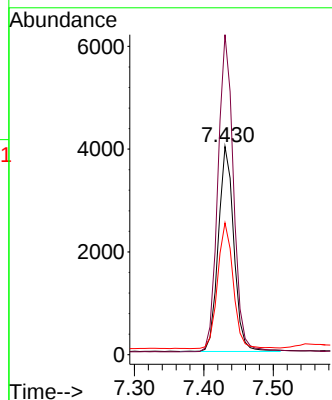


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.430 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN034092.D
Acq: 20 Sep 2024 18:06

Instrument :
BNA_N
ClientSampleId :
MW17811-20240911

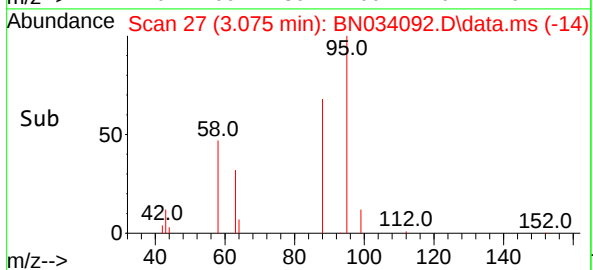
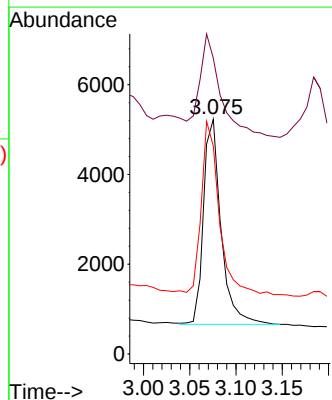
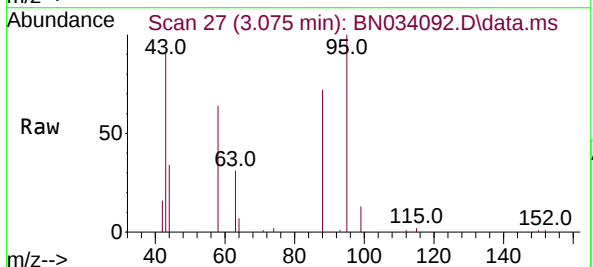


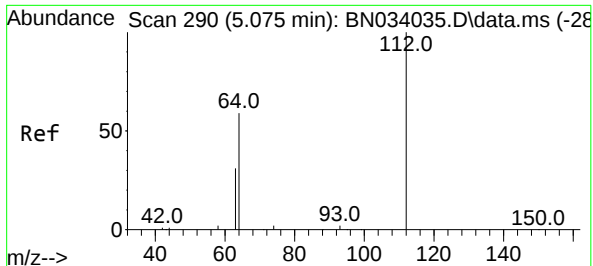
Tgt Ion:152 Resp: 6191
Ion Ratio Lower Upper
152 100
150 153.8 124.6 187.0
115 63.4 50.0 75.0



#2
1,4-Dioxane
Concen: 0.779 ng
RT: 3.075 min Scan# 27
Delta R.T. -0.006 min
Lab File: BN034092.D
Acq: 20 Sep 2024 18:06

Tgt Ion: 88 Resp: 6032
Ion Ratio Lower Upper
88 100
43 60.7 25.8 38.8#
58 86.6 58.8 88.2

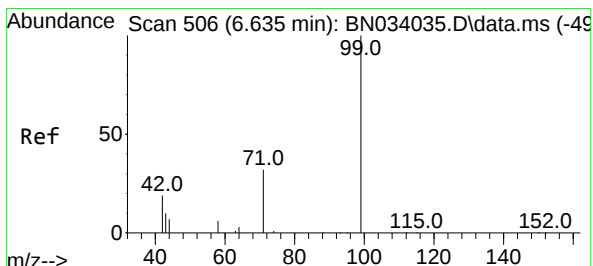
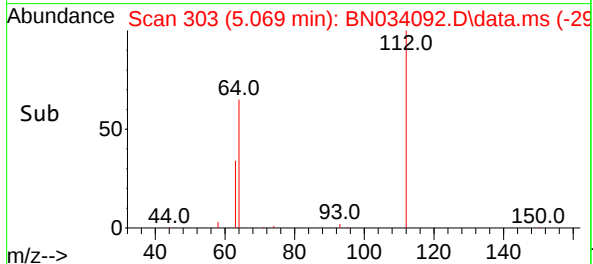
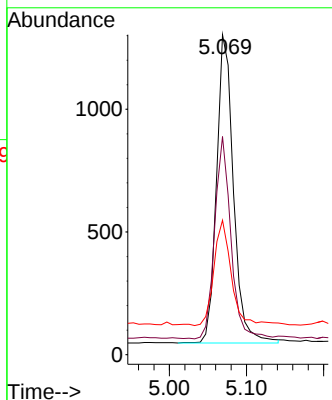
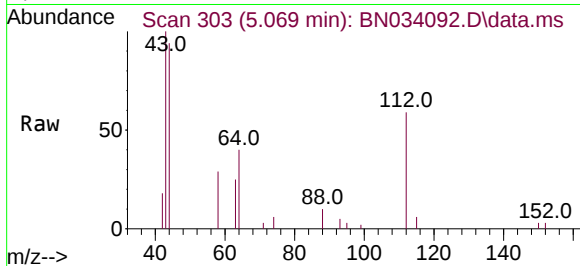




#4
2-Fluorophenol
Concen: 0.109 ng
RT: 5.069 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN034092.D
Acq: 20 Sep 2024 18:06

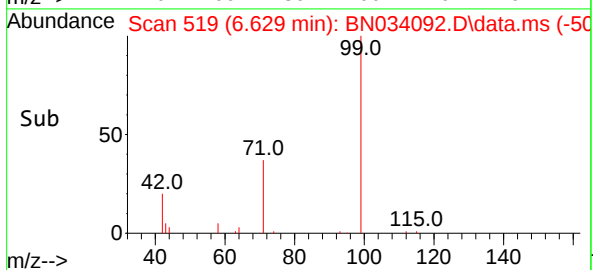
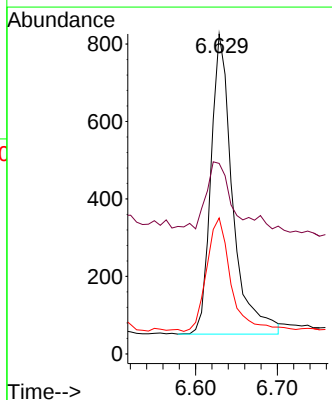
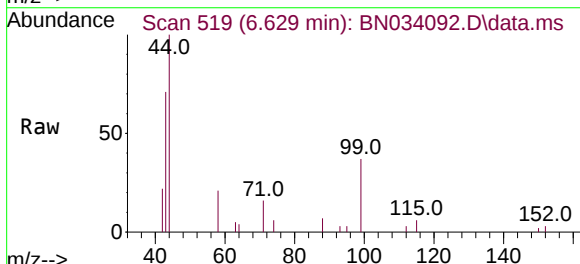
Instrument :
BNA_N
ClientSampleId :
MW17811-20240911

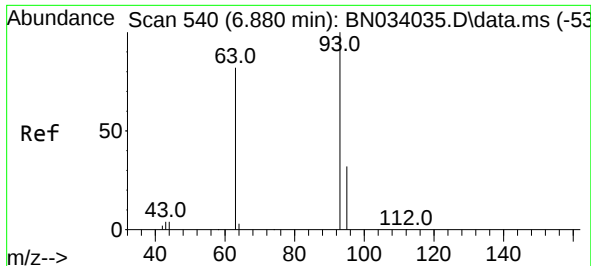
Tgt Ion:112 Resp: 1912
Ion Ratio Lower Upper
112 100
64 62.6 48.6 72.8
63 35.3 25.6 38.4



#5
Phenol-d6
Concen: 0.070 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034092.D
Acq: 20 Sep 2024 18:06

Tgt Ion: 99 Resp: 1435
Ion Ratio Lower Upper
99 100
42 26.0 17.8 26.8
71 41.8 26.2 39.2#

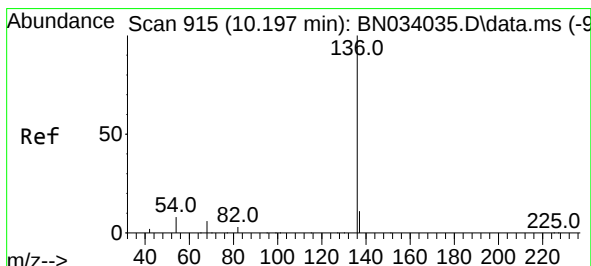
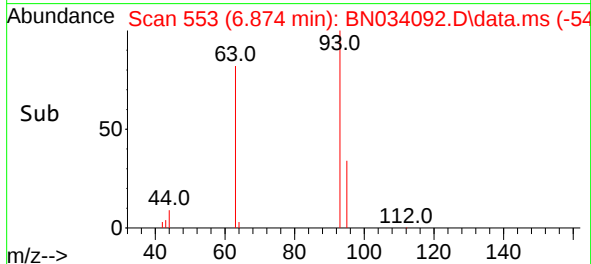
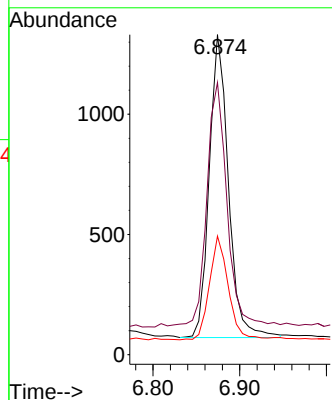
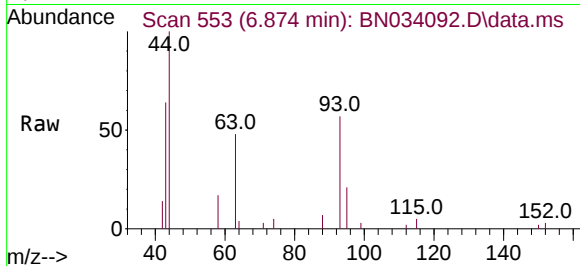




#6
bis(2-Chloroethyl)ether
Concen: 0.107 ng
RT: 6.874 min Scan# 511
Delta R.T. -0.006 min
Lab File: BN034092.D
Acq: 20 Sep 2024 18:06

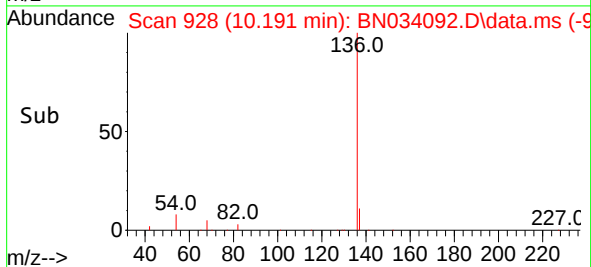
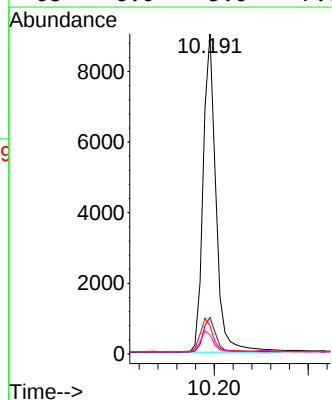
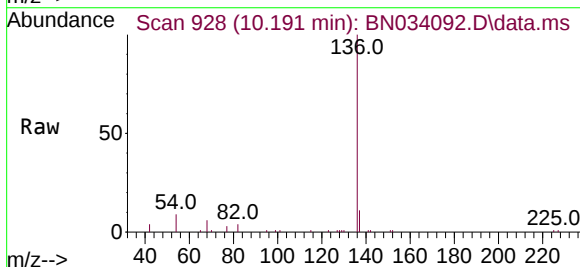
Instrument :
BNA_N
ClientSampleId :
MW17811-20240911

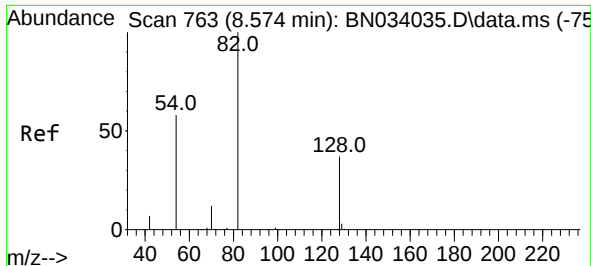
Tgt Ion: 93	Resp:	1934	
Ion	Ratio	Lower	Upper
93	100		
63	86.1	67.3	100.9
95	33.6	26.8	40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 928
Delta R.T. -0.006 min
Lab File: BN034092.D
Acq: 20 Sep 2024 18:06

Tgt Ion:136	Resp:	17100	
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	8.9	6.8	10.2
68	6.0	5.0	7.6

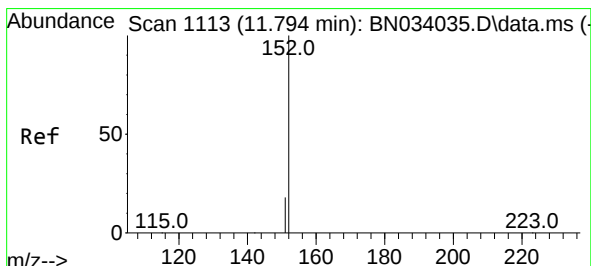
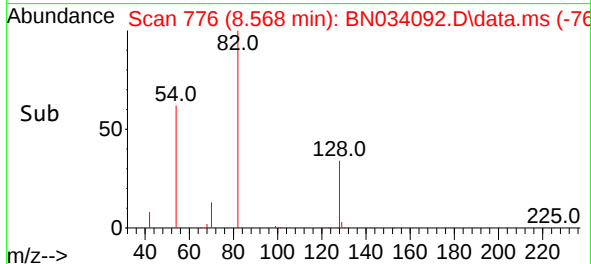
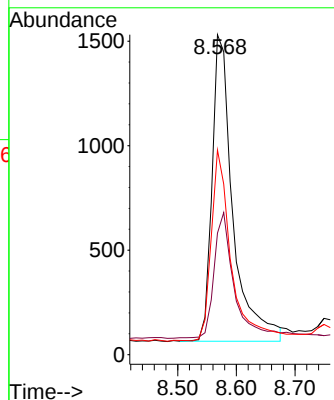
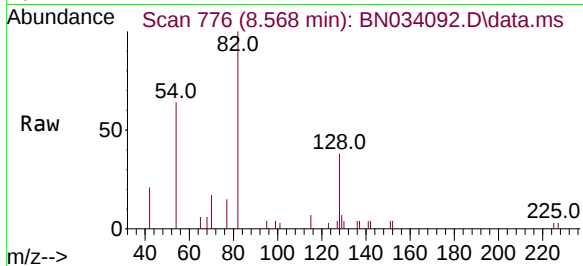




#8
 Nitrobenzene-d5
 Concen: 0.277 ng
 RT: 8.568 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BN034092.D
 Acq: 20 Sep 2024 18:06

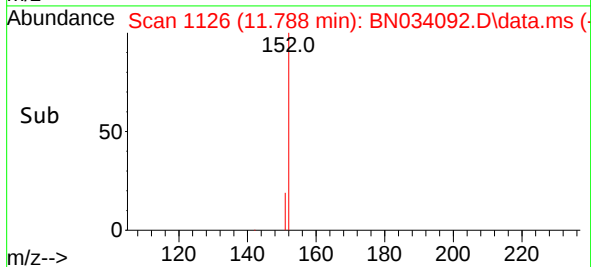
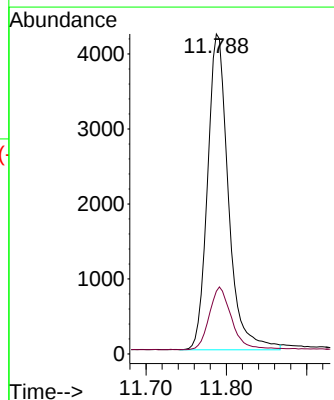
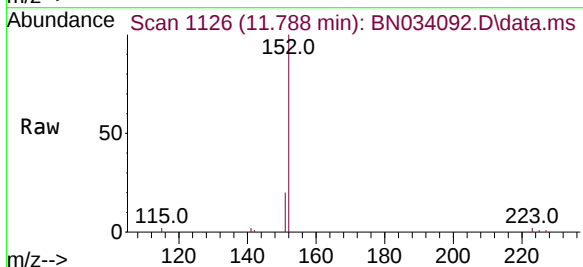
Instrument :
 BNA_N
 ClientSampleId :
 MW17811-20240911

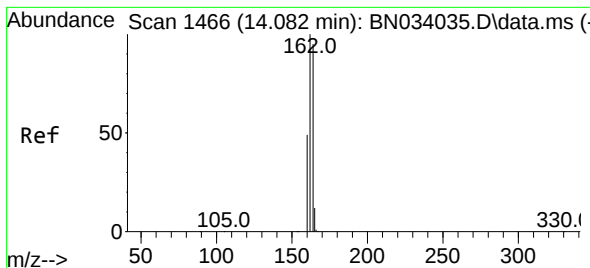
Tgt Ion: 82 Resp: 3626
 Ion Ratio Lower Upper
 82 100
 128 38.0 31.4 47.2
 54 63.9 47.4 71.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.301 ng
 RT: 11.788 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: BN034092.D
 Acq: 20 Sep 2024 18:06

Tgt Ion: 152 Resp: 7589
 Ion Ratio Lower Upper
 152 100
 151 21.3 16.8 25.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.072 min Scan# 1466

Delta R.T. -0.009 min

Lab File: BN034092.D

Acq: 20 Sep 2024 18:06

Instrument :

BNA_N

ClientSampleId :

MW17811-20240911

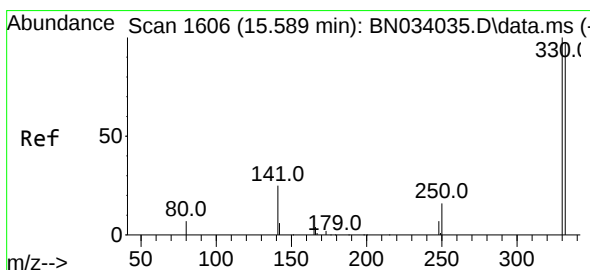
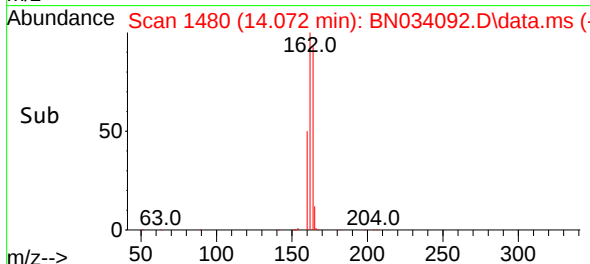
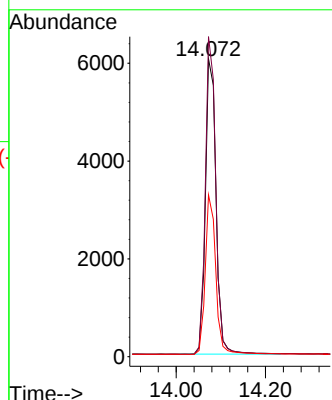
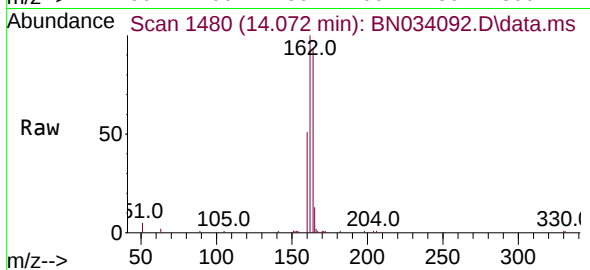
Tgt Ion:164 Resp: 9999

Ion Ratio Lower Upper

164 100

162 107.5 84.2 126.2

160 54.3 41.7 62.5



#14

2,4,6-Tribromophenol

Concen: 0.240 ng

RT: 15.579 min Scan# 1620

Delta R.T. -0.009 min

Lab File: BN034092.D

Acq: 20 Sep 2024 18:06

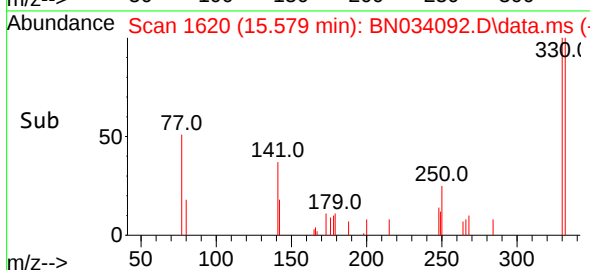
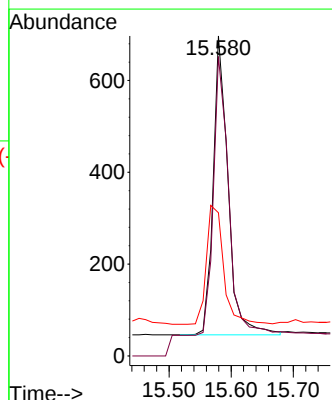
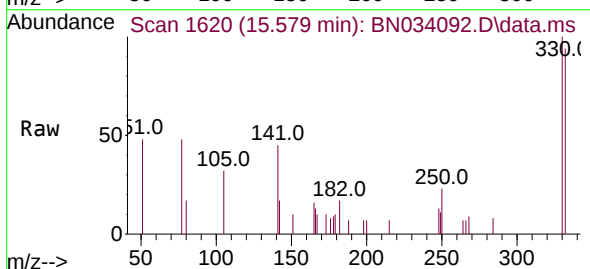
Tgt Ion:330 Resp: 1087

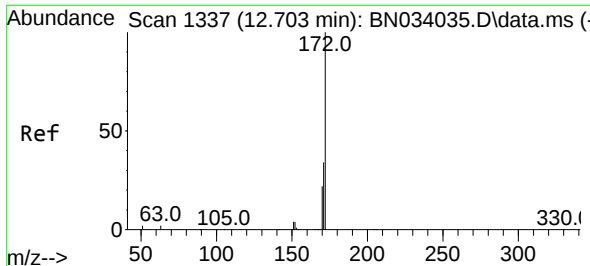
Ion Ratio Lower Upper

330 100

332 95.1 77.4 116.0

141 45.7 35.9 53.9

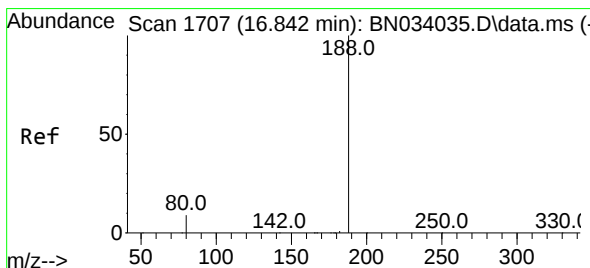
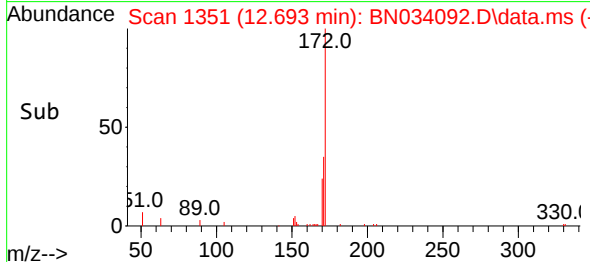
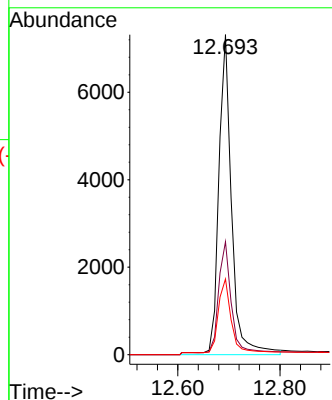
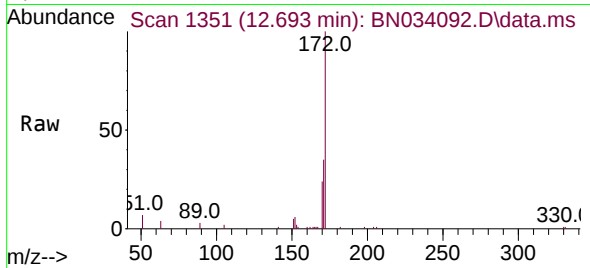




#15
2-Fluorobiphenyl
Concen: 0.301 ng
RT: 12.693 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN034092.D
Acq: 20 Sep 2024 18:06

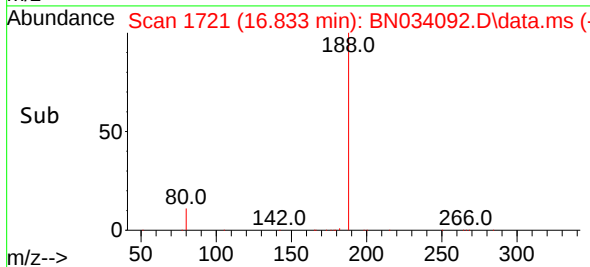
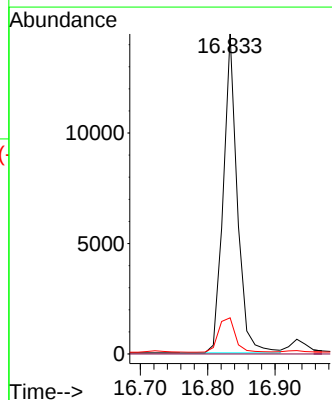
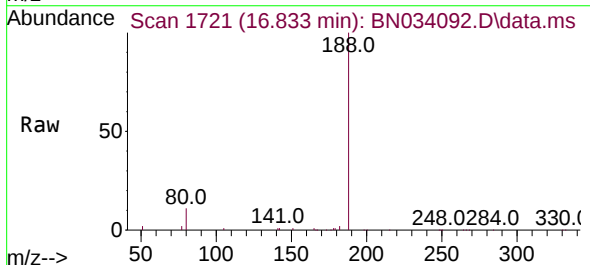
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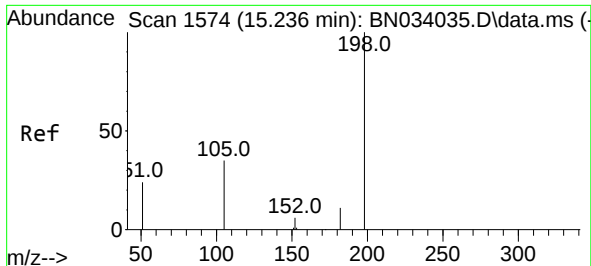
Tgt Ion:	172	Resp:	12234
Ion Ratio	Lower	Upper	
172	100		
171	35.3	27.3	40.9
170	23.7	18.1	27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 1721
Delta R.T. -0.009 min
Lab File: BN034092.D
Acq: 20 Sep 2024 18:06

Tgt Ion:	188	Resp:	20861
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.3	7.4	11.0

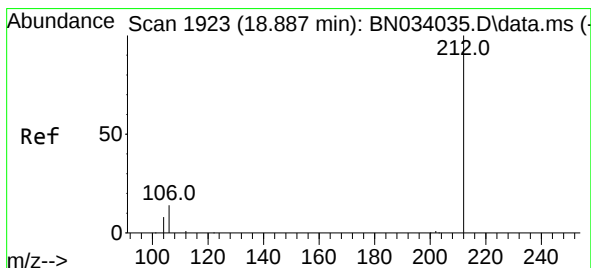
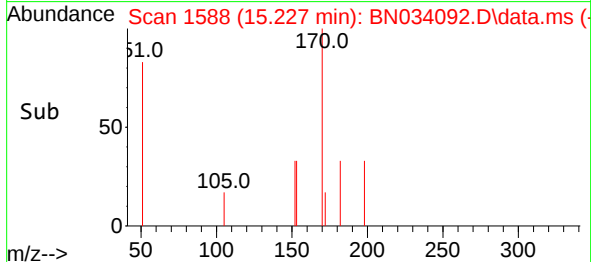
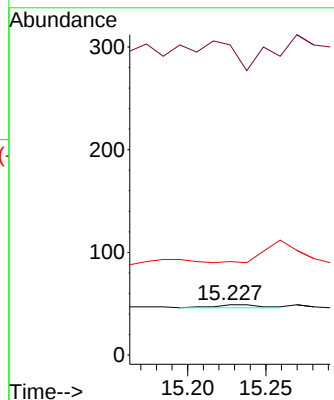
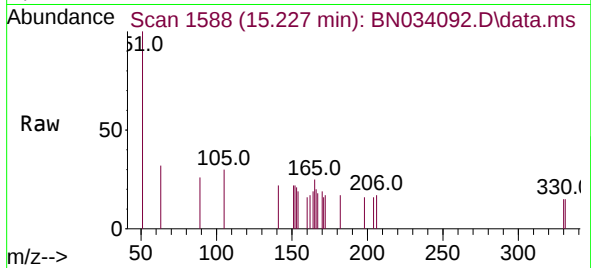




#20
4,6-Dinitro-2-methylphenol
Concen: 0.139 ng
RT: 15.227 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN034092.D
Acq: 20 Sep 2024 18:06

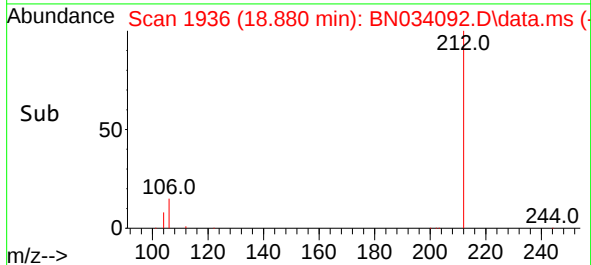
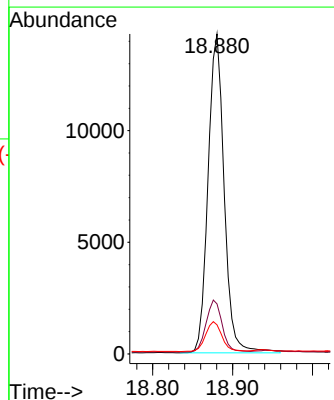
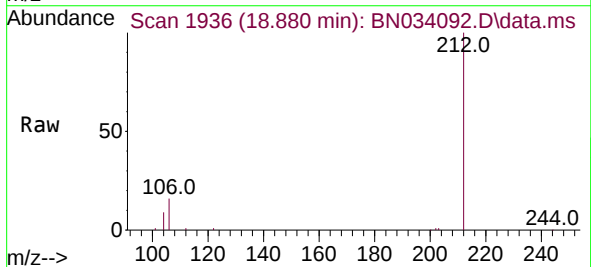
Instrument :
BNA_N
ClientSampleId :
MW17811-20240911

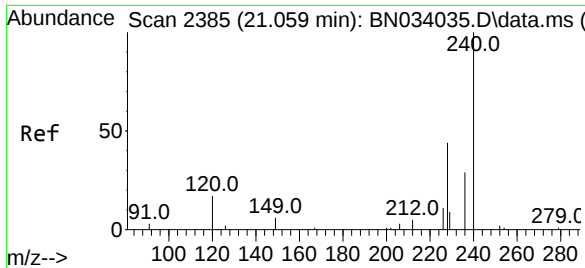
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 616.3 106.4 159.6#
105 185.7 38.5 57.7#



#27
Fluoranthene-d10
Concen: 0.380 ng
RT: 18.880 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BN034092.D
Acq: 20 Sep 2024 18:06

Tgt Ion:212 Resp: 19983
Ion Ratio Lower Upper
212 100
106 16.2 13.4 20.2
104 9.4 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.053 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN034092.D

Acq: 20 Sep 2024 18:06

Instrument :

BNA_N

ClientSampleId :

MW17811-20240911

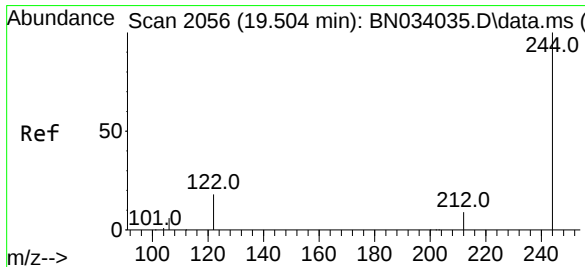
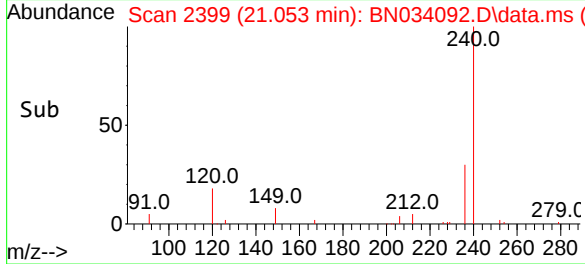
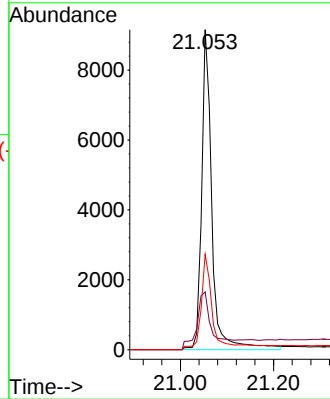
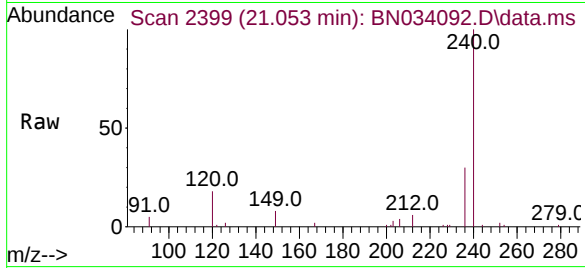
Tgt Ion:240 Resp: 13364

Ion Ratio Lower Upper

240 100

120 18.0 13.5 20.3

236 29.8 23.4 35.0



#31

Terphenyl-d14

Concen: 0.481 ng

RT: 19.498 min Scan# 2069

Delta R.T. -0.006 min

Lab File: BN034092.D

Acq: 20 Sep 2024 18:06

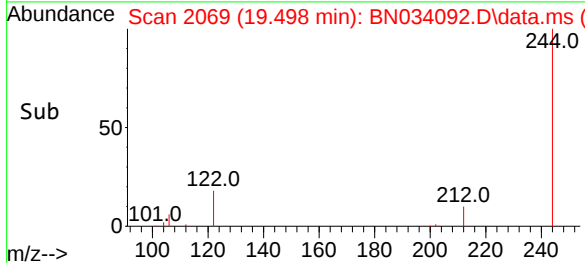
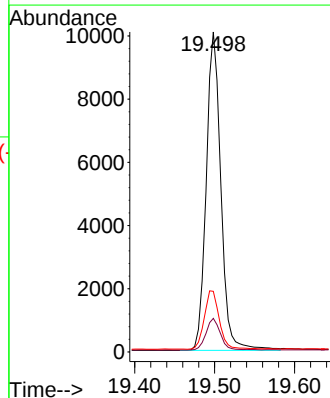
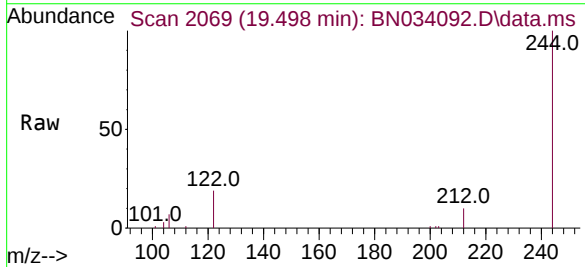
Tgt Ion:244 Resp: 12833

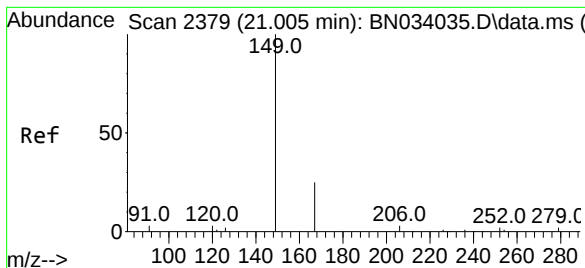
Ion Ratio Lower Upper

244 100

212 10.5 7.8 11.6

122 18.9 14.8 22.2

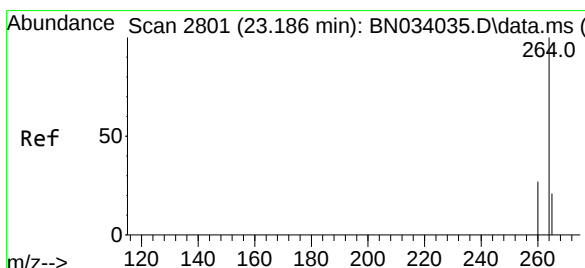
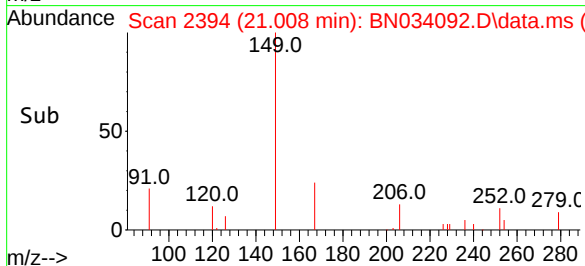
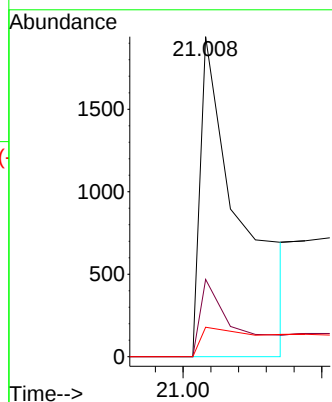
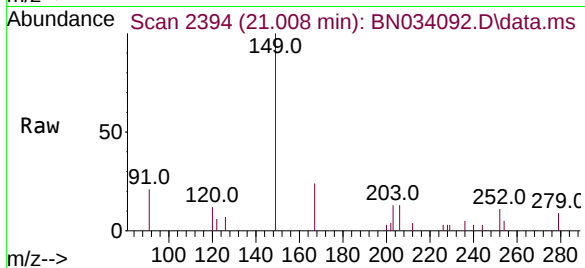




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.104 ng
 RT: 21.008 min Scan# 2111
 Delta R.T. 0.003 min
 Lab File: BN034092.D
 Acq: 20 Sep 2024 18:06

Instrument :
 BNA_N
 ClientSampleId :
 MW17811-20240911

Tgt Ion:149 Resp: 1838
 Ion Ratio Lower Upper
 149 100
 167 21.7 19.9 29.9
 279 10.3 4.6 6.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.180 min Scan# 2815
 Delta R.T. -0.006 min
 Lab File: BN034092.D
 Acq: 20 Sep 2024 18:06

Tgt Ion:264 Resp: 10532
 Ion Ratio Lower Upper
 264 100
 260 26.4 21.7 32.5
 265 76.7 52.1 78.1

