

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034088.D
 Acq On : 20 Sep 2024 15:41
 Operator : JU/RC
 Sample : P3957-18
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUPE1-20240911

Quant Time: Sep 20 16:55:09 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)

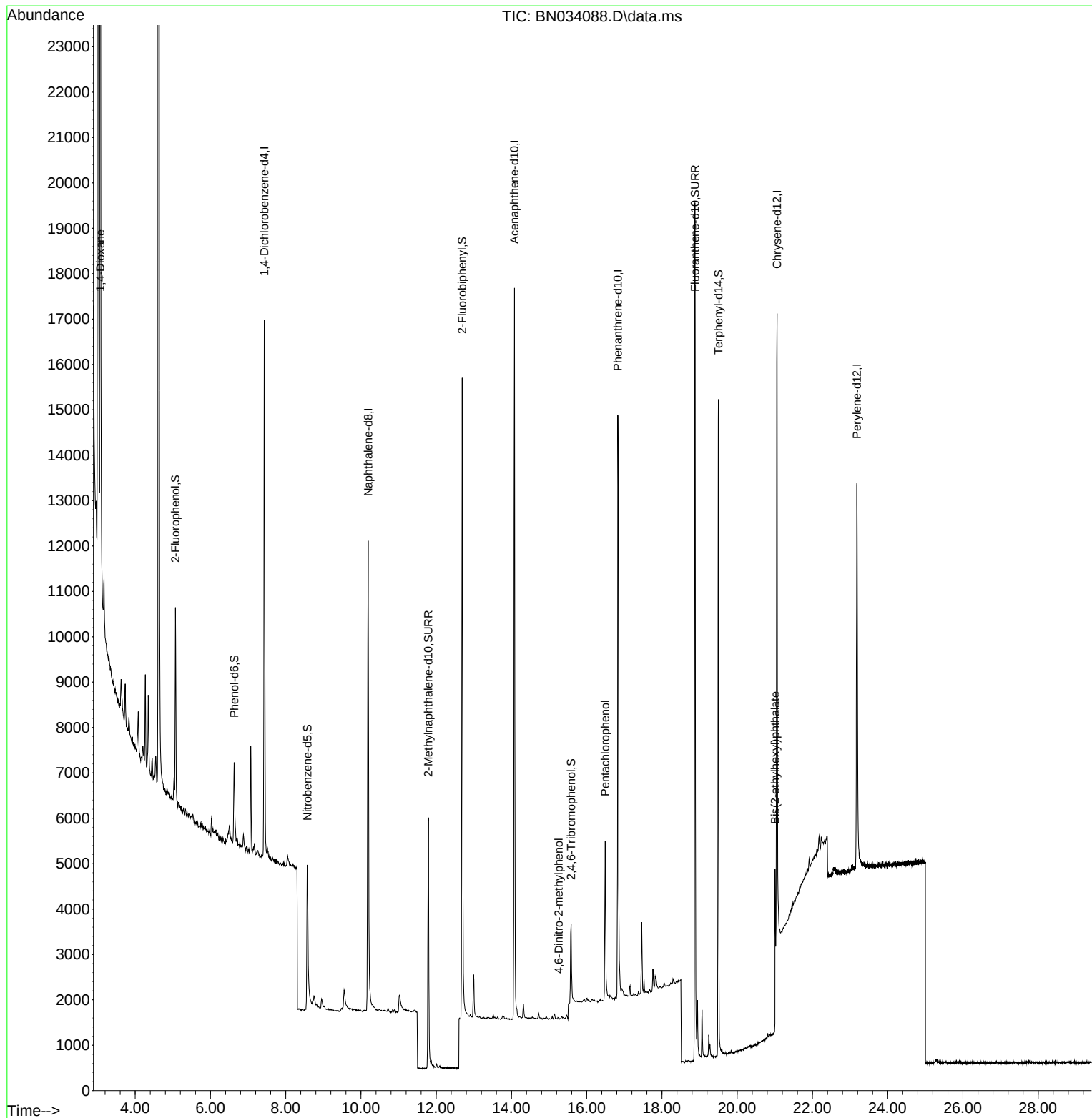
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	5485	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	15180	0.400	ng	0.00
13) Acenaphthene-d10	14.079	164	9163	0.400	ng	0.00
19) Phenanthrene-d10	16.828	188	19611	0.400	ng	#-0.01
29) Chrysene-d12	21.060	240	14571	0.400	ng	# 0.00
35) Perylene-d12	23.184	264	11887	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	3127	0.201	ng	0.00
5) Phenol-d6	6.629	99	1944	0.107	ng	0.00
8) Nitrobenzene-d5	8.579	82	3703	0.319	ng	0.00
11) 2-Methylnaphthalene-d10	11.788	152	8301	0.370	ng	0.00
14) 2,4,6-Tribromophenol	15.586	330	1193	0.287	ng	0.00
15) 2-Fluorobiphenyl	12.690	172	13075	0.351	ng	-0.01
27) Fluoranthene-d10	18.878	212	20761	0.420	ng	0.00
31) Terphenyl-d14	19.501	244	13927	0.479	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.068	88	21924	3.197	ng	# 86
20) 4,6-Dinitro-2-methylph...	15.255	198	12	0.141	ng	# 1
24) Pentachlorophenol	16.493	266	1752	0.429	ng	99
34) Bis(2-ethylhexyl)phtha...	21.006	149	1935	0.101	ng	# 89

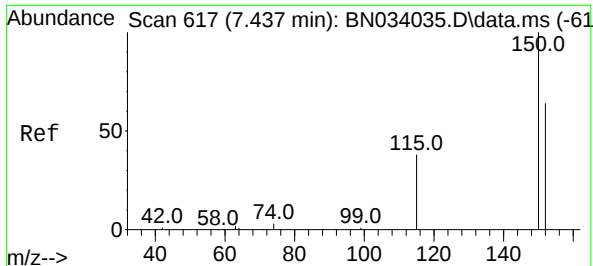
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
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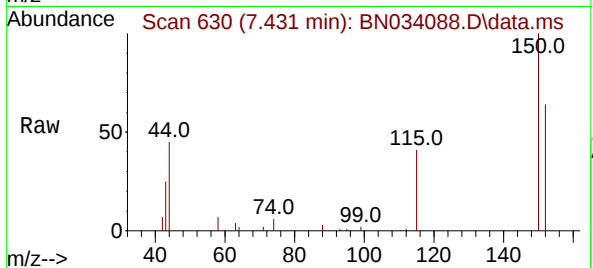
Quant Time: Sep 20 16:55:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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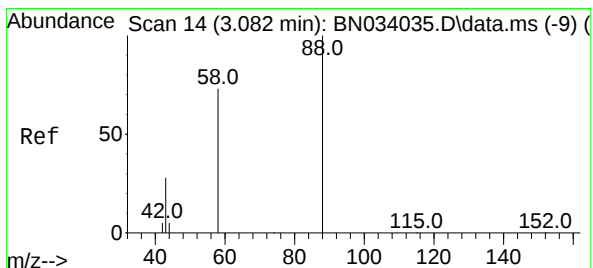
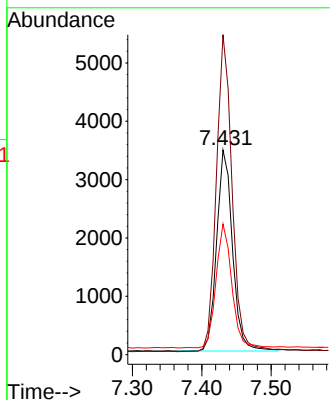
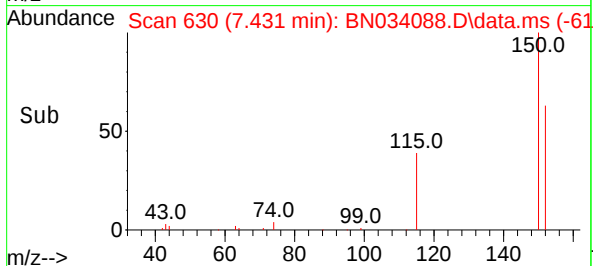


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.431 min Scan# 61
Delta R.T. -0.006 min
Lab File: BN034088.D
Acq: 20 Sep 2024 15:41

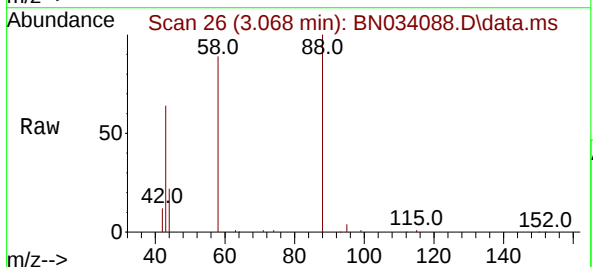
Instrument :
BNA_N
ClientSampleId :
DUPE1-20240911



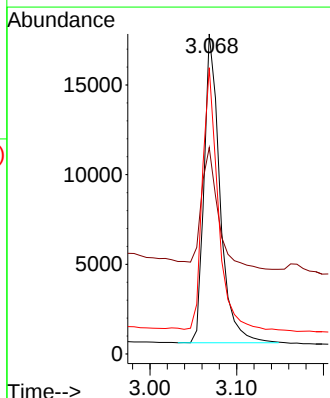
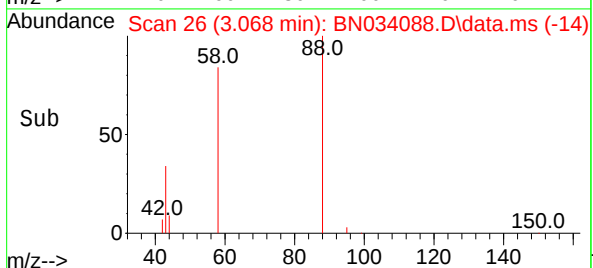
Tgt Ion:152 Resp: 5485
Ion Ratio Lower Upper
152 100
150 156.4 124.6 187.0
115 63.8 50.0 75.0

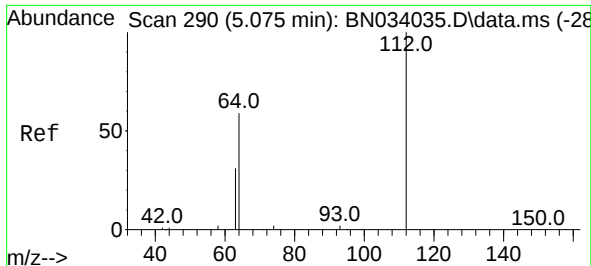


#2
1,4-Dioxane
Concen: 3.197 ng
RT: 3.068 min Scan# 26
Delta R.T. -0.013 min
Lab File: BN034088.D
Acq: 20 Sep 2024 15:41



Tgt Ion: 88 Resp: 21924
Ion Ratio Lower Upper
88 100
43 42.5 25.8 38.8#
58 83.5 58.8 88.2

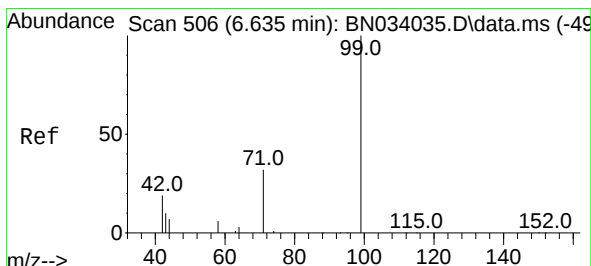
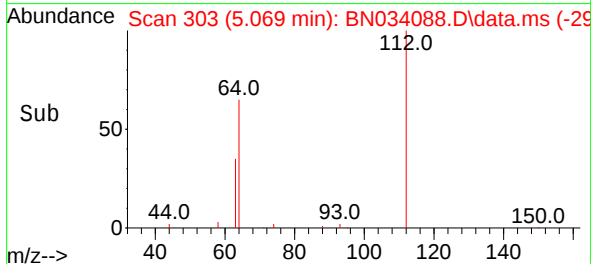
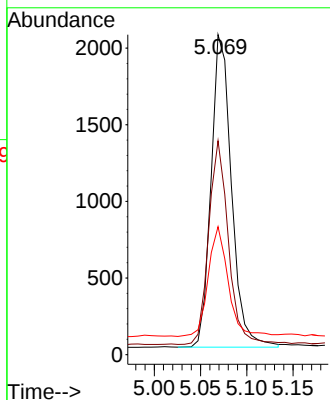
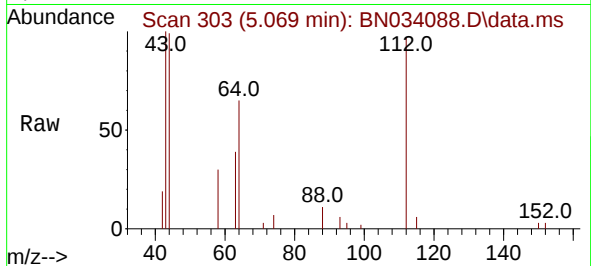




#4
2-Fluorophenol
Concen: 0.201 ng
RT: 5.069 min Scan# 303
Delta R.T. -0.006 min
Lab File: BN034088.D
Acq: 20 Sep 2024 15:41

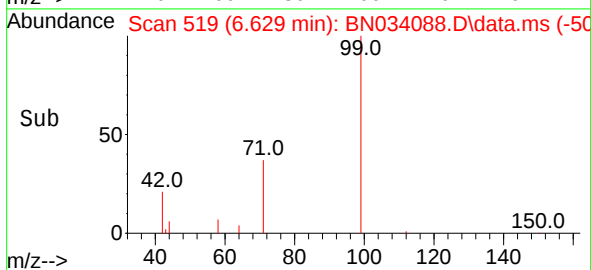
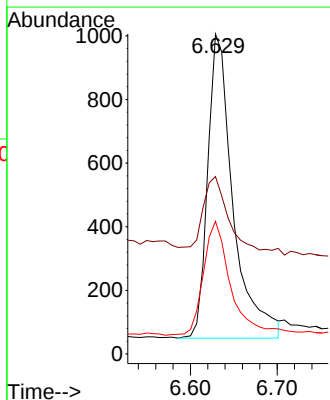
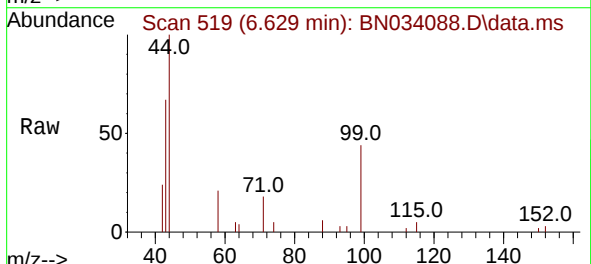
Instrument :
BNA_N
ClientSampleId :
DUPE1-20240911

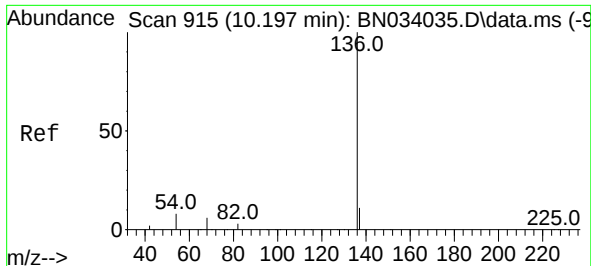
Tgt Ion:112 Resp: 3127
Ion Ratio Lower Upper
112 100
64 62.8 48.6 72.8
63 34.4 25.6 38.4



#5
Phenol-d6
Concen: 0.107 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034088.D
Acq: 20 Sep 2024 15:41

Tgt Ion: 99 Resp: 1944
Ion Ratio Lower Upper
99 100
42 22.7 17.8 26.8
71 39.9 26.2 39.2#

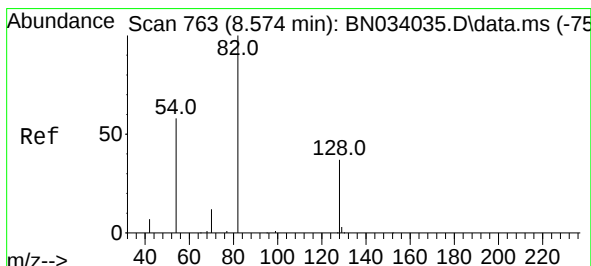
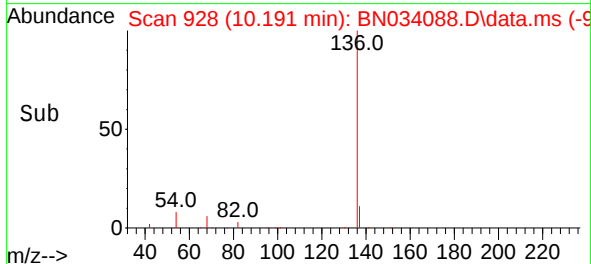
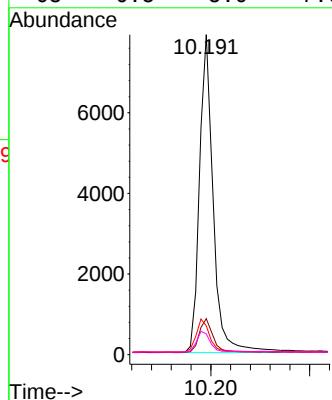
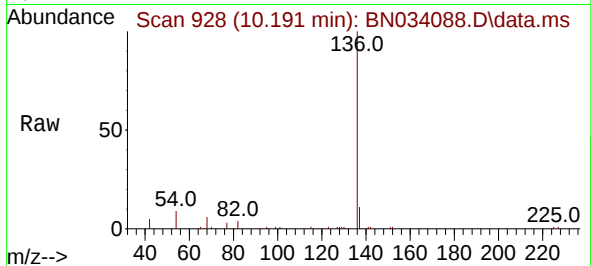




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 915
Delta R.T. -0.006 min
Lab File: BN034088.D
Acq: 20 Sep 2024 15:41

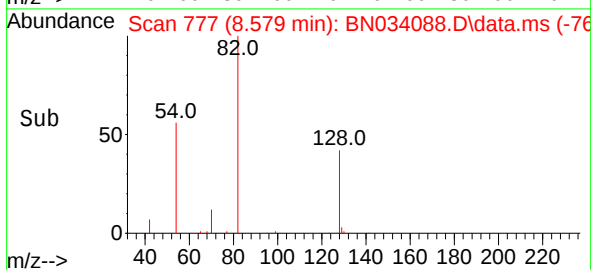
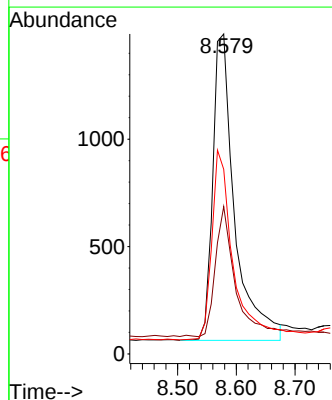
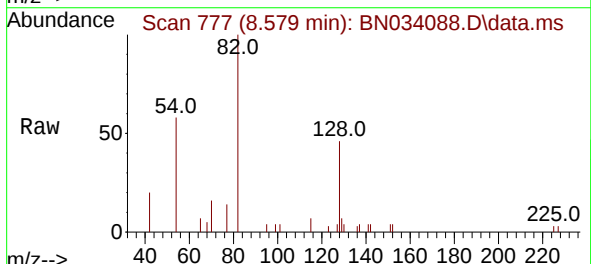
Instrument :
BNA_N
ClientSampleId :
DUPE1-20240911

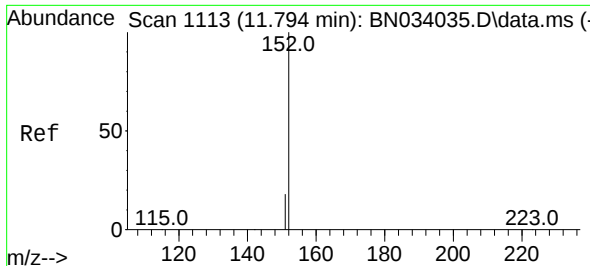
Tgt Ion:	136	Resp:	15180
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.6
54	9.0	6.8	10.2
68	6.5	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.319 ng
RT: 8.579 min Scan# 777
Delta R.T. 0.005 min
Lab File: BN034088.D
Acq: 20 Sep 2024 15:41

Tgt Ion:	82	Resp:	3703
Ion Ratio	Lower	Upper	
82	100		
128	46.0	31.4	47.2
54	57.7	47.4	71.0

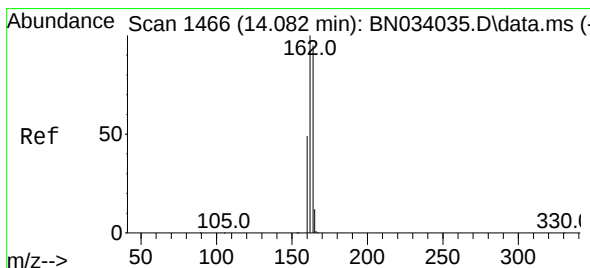
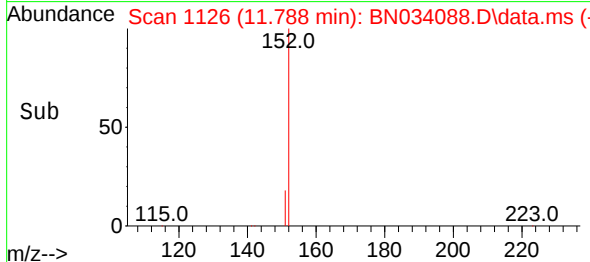
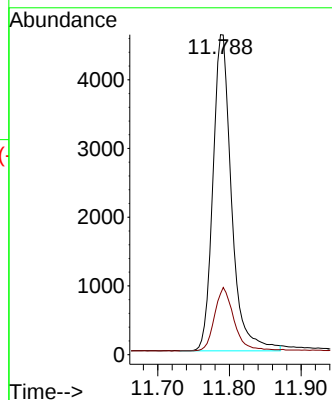
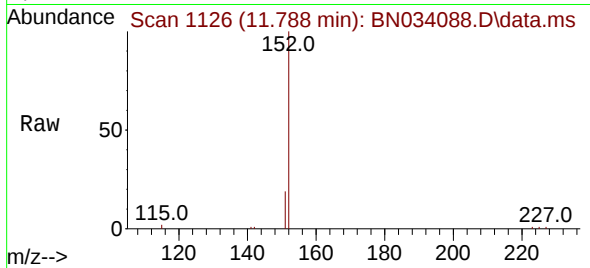




#11
2-Methylnaphthalene-d10
Concen: 0.370 ng
RT: 11.788 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BN034088.D
Acq: 20 Sep 2024 15:41

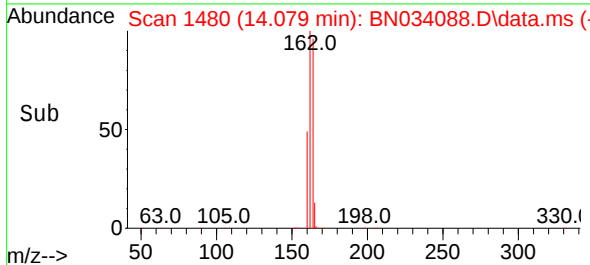
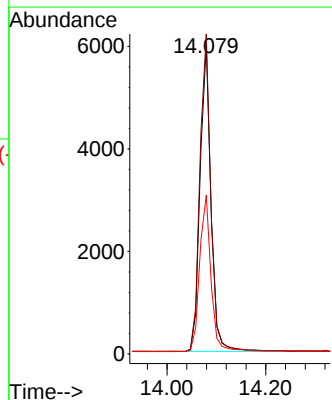
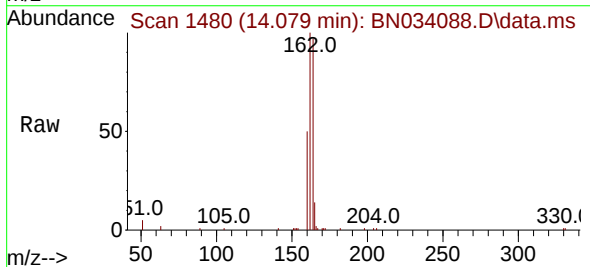
Instrument :
BNA_N
ClientSampleId :
DUPE1-20240911

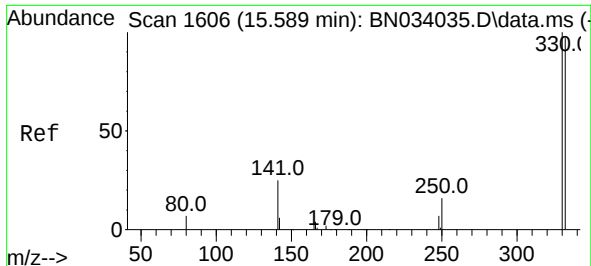
Tgt Ion:152 Resp: 8301
Ion Ratio Lower Upper
152 100
151 20.9 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.079 min Scan# 1480
Delta R.T. -0.002 min
Lab File: BN034088.D
Acq: 20 Sep 2024 15:41

Tgt Ion:164 Resp: 9163
Ion Ratio Lower Upper
164 100
162 103.6 84.2 126.2
160 51.4 41.7 62.5





#14

2,4,6-Tribromophenol

Concen: 0.287 ng

RT: 15.586 min Scan# 1

Delta R.T. -0.002 min

Lab File: BN034088.D

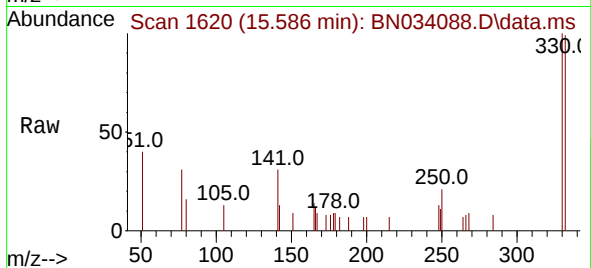
Acq: 20 Sep 2024 15:41

Instrument :

BNA_N

ClientSampleId :

DUPE1-20240911



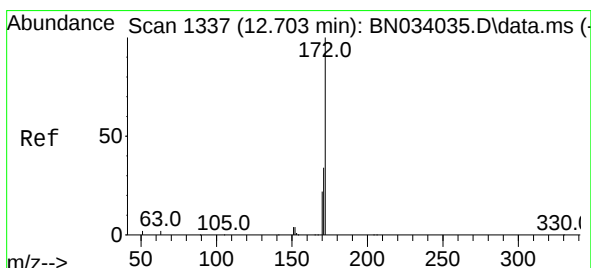
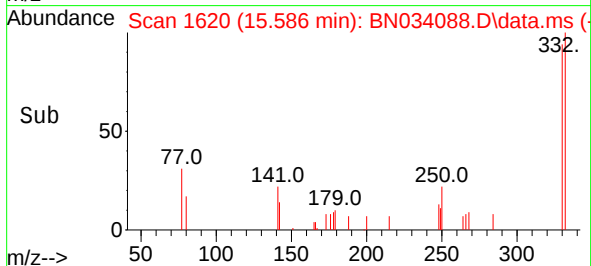
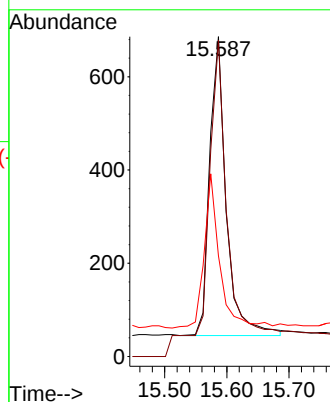
Tgt Ion:330 Resp: 1193

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

141 48.0 35.9 53.9



#15

2-Fluorobiphenyl

Concen: 0.351 ng

RT: 12.690 min Scan# 1350

Delta R.T. -0.013 min

Lab File: BN034088.D

Acq: 20 Sep 2024 15:41

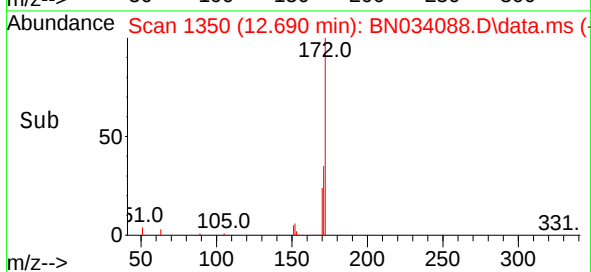
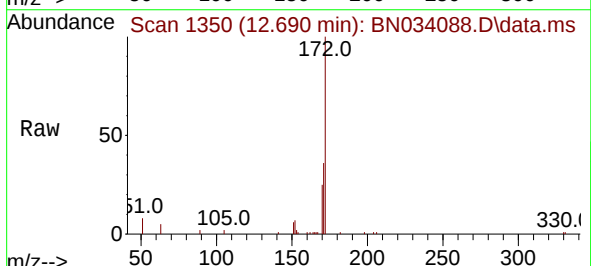
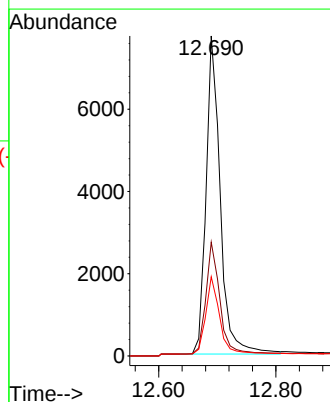
Tgt Ion:172 Resp: 13075

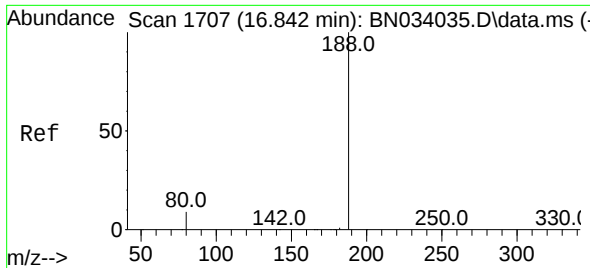
Ion Ratio Lower Upper

172 100

171 35.6 27.3 40.9

170 24.8 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.828 min Scan# 11

Delta R.T. -0.015 min

Lab File: BN034088.D

Acq: 20 Sep 2024 15:41

Instrument :

BNA_N

ClientSampleId :

DUPE1-20240911

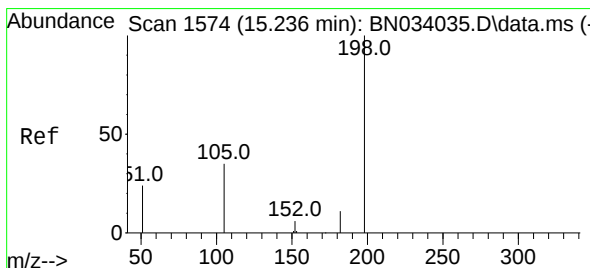
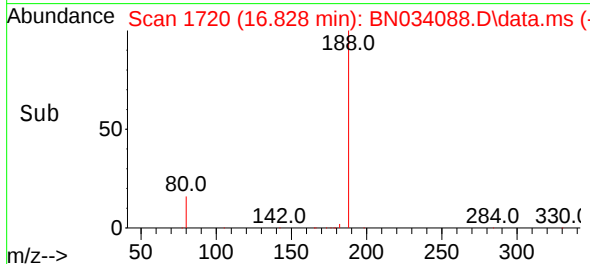
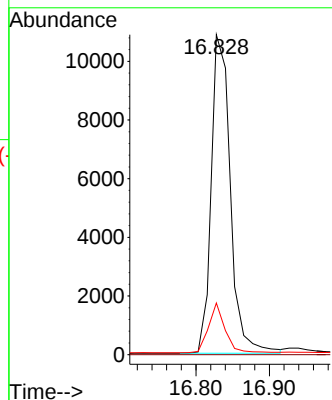
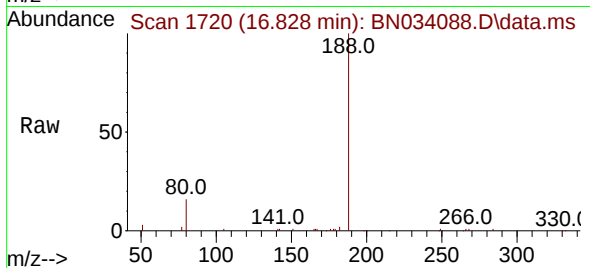
Tgt Ion:188 Resp: 19611

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 16.2 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.141 ng

RT: 15.255 min Scan# 1590

Delta R.T. 0.019 min

Lab File: BN034088.D

Acq: 20 Sep 2024 15:41

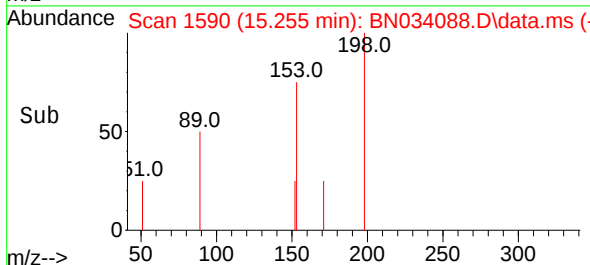
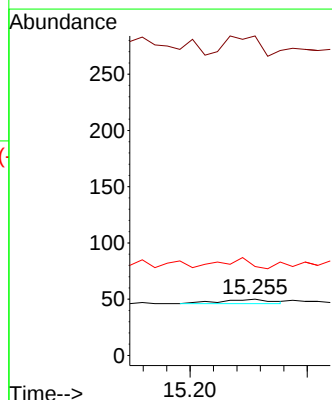
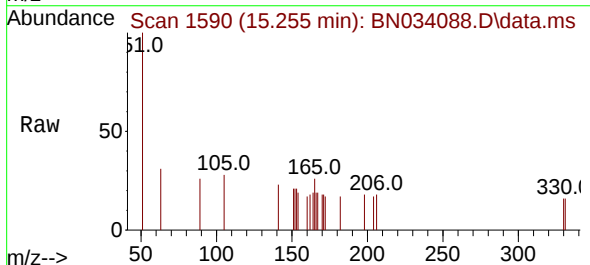
Tgt Ion:198 Resp: 12

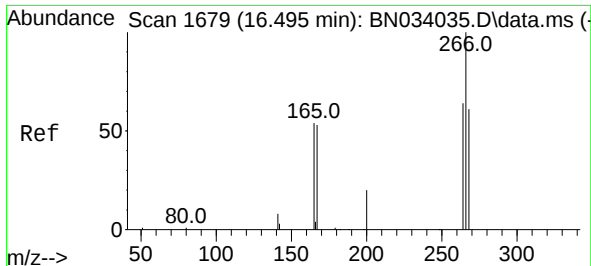
Ion Ratio Lower Upper

198 100

51 568.0 106.4 159.6#

105 158.0 38.5 57.7#

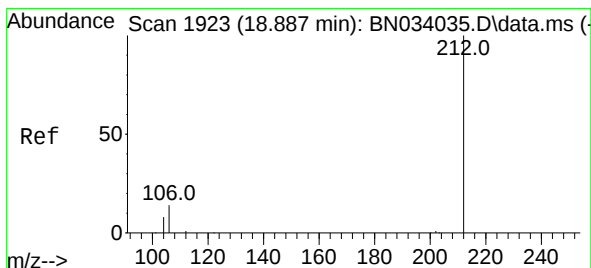
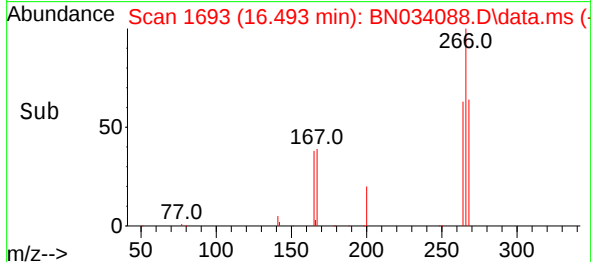
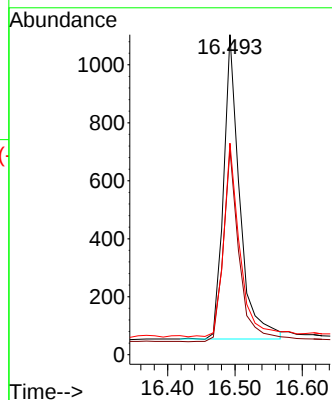
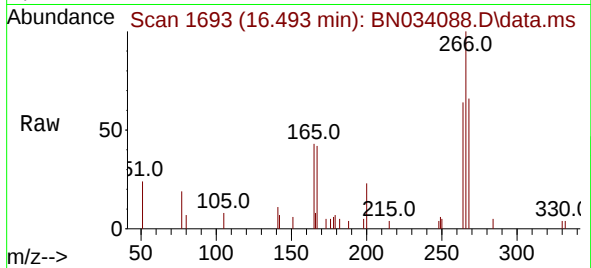




#24
 Pentachlorophenol
 Concen: 0.429 ng
 RT: 16.493 min Scan# 1693
 Delta R.T. -0.002 min
 Lab File: BN034088.D
 Acq: 20 Sep 2024 15:41

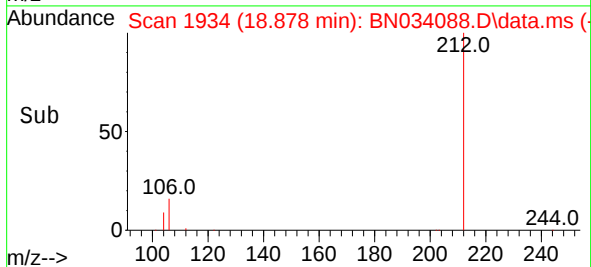
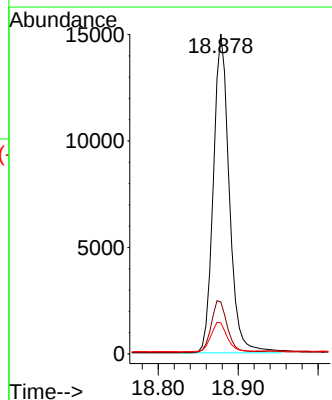
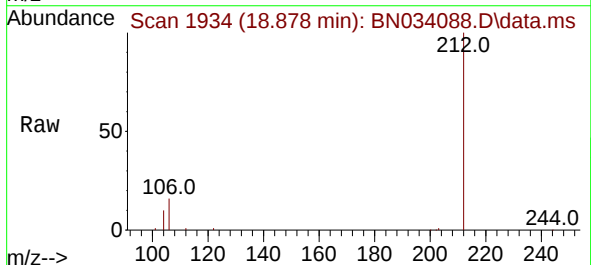
Instrument :
 BNA_N
 ClientSampleId :
 DUPE1-20240911

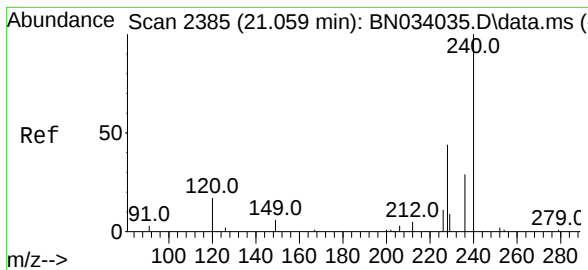
Tgt Ion:266 Resp: 1752
 Ion Ratio Lower Upper
 266 100
 264 62.6 50.2 75.2
 268 63.0 51.0 76.4



#27
 Fluoranthene-d10
 Concen: 0.420 ng
 RT: 18.878 min Scan# 1934
 Delta R.T. -0.008 min
 Lab File: BN034088.D
 Acq: 20 Sep 2024 15:41

Tgt Ion:212 Resp: 20761
 Ion Ratio Lower Upper
 212 100
 106 16.3 13.4 20.2
 104 9.4 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.060 min Scan# 21

Delta R.T. 0.001 min

Lab File: BN034088.D

Acq: 20 Sep 2024 15:41

Instrument :

BNA_N

ClientSampleId :

DUPE1-20240911

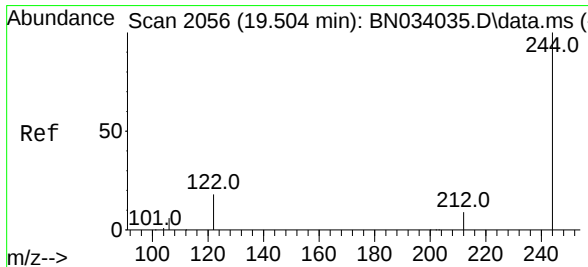
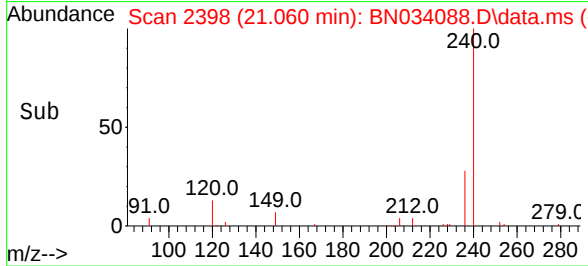
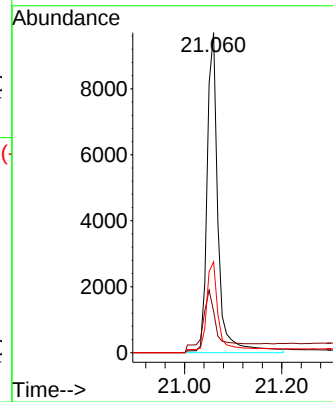
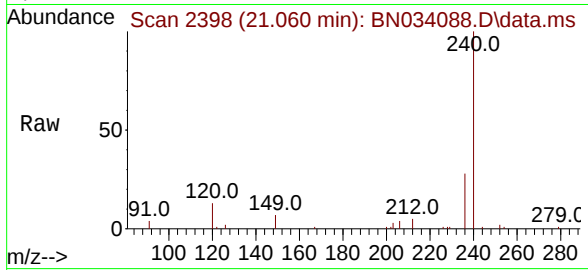
Tgt Ion:240 Resp: 14571

Ion Ratio Lower Upper

240 100

120 12.9 13.5 20.3#

236 28.4 23.4 35.0



#31

Terphenyl-d14

Concen: 0.479 ng

RT: 19.501 min Scan# 2068

Delta R.T. -0.004 min

Lab File: BN034088.D

Acq: 20 Sep 2024 15:41

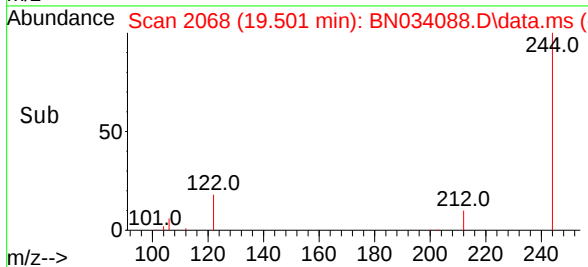
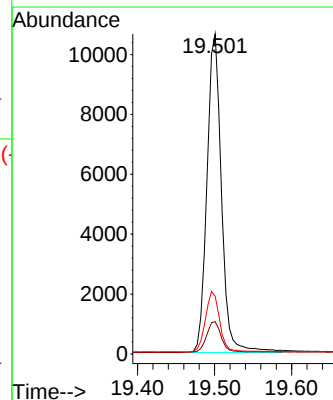
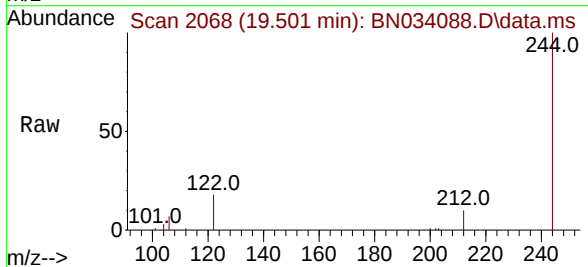
Tgt Ion:244 Resp: 13927

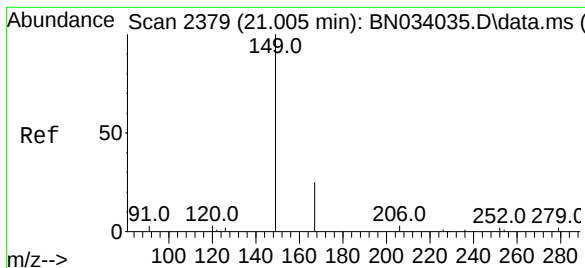
Ion Ratio Lower Upper

244 100

212 10.1 7.8 11.6

122 18.0 14.8 22.2

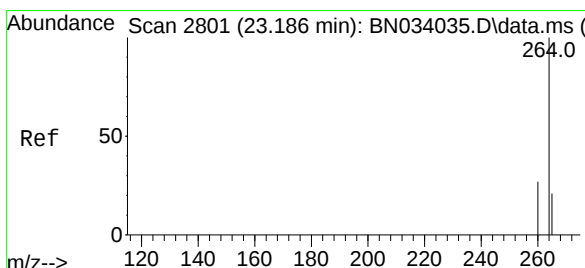
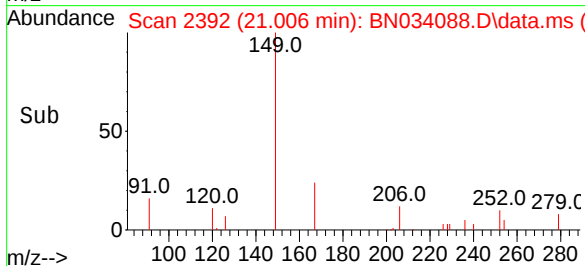
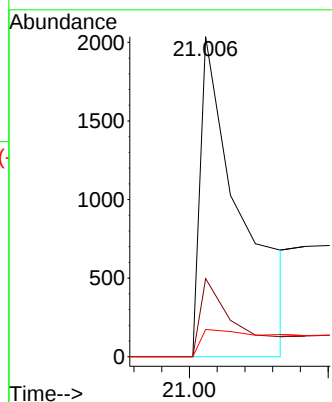
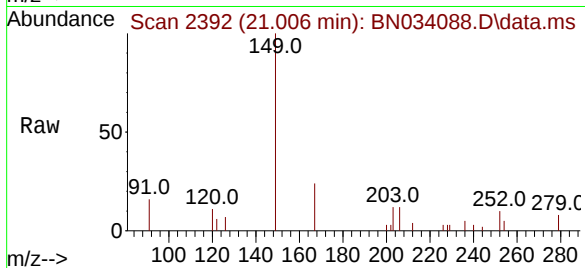




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.101 ng
 RT: 21.006 min Scan# 241
 Delta R.T. 0.001 min
 Lab File: BN034088.D
 Acq: 20 Sep 2024 15:41

Instrument :
 BNA_N
 ClientSampleId :
 DUPE1-20240911

Tgt Ion:149 Resp: 1935
 Ion Ratio Lower Upper
 149 100
 167 22.3 19.9 29.9
 279 17.4 4.6 6.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.184 min Scan# 2815
 Delta R.T. -0.002 min
 Lab File: BN034088.D
 Acq: 20 Sep 2024 15:41

Tgt Ion:264 Resp: 11887
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.7 32.5
 265 71.3 52.1 78.1

