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 Data File : BN034484.D
 Acq On : 09 Oct 2024 01:20
 Operator : RC/JU
 Sample : P4226-09
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP07-20240924

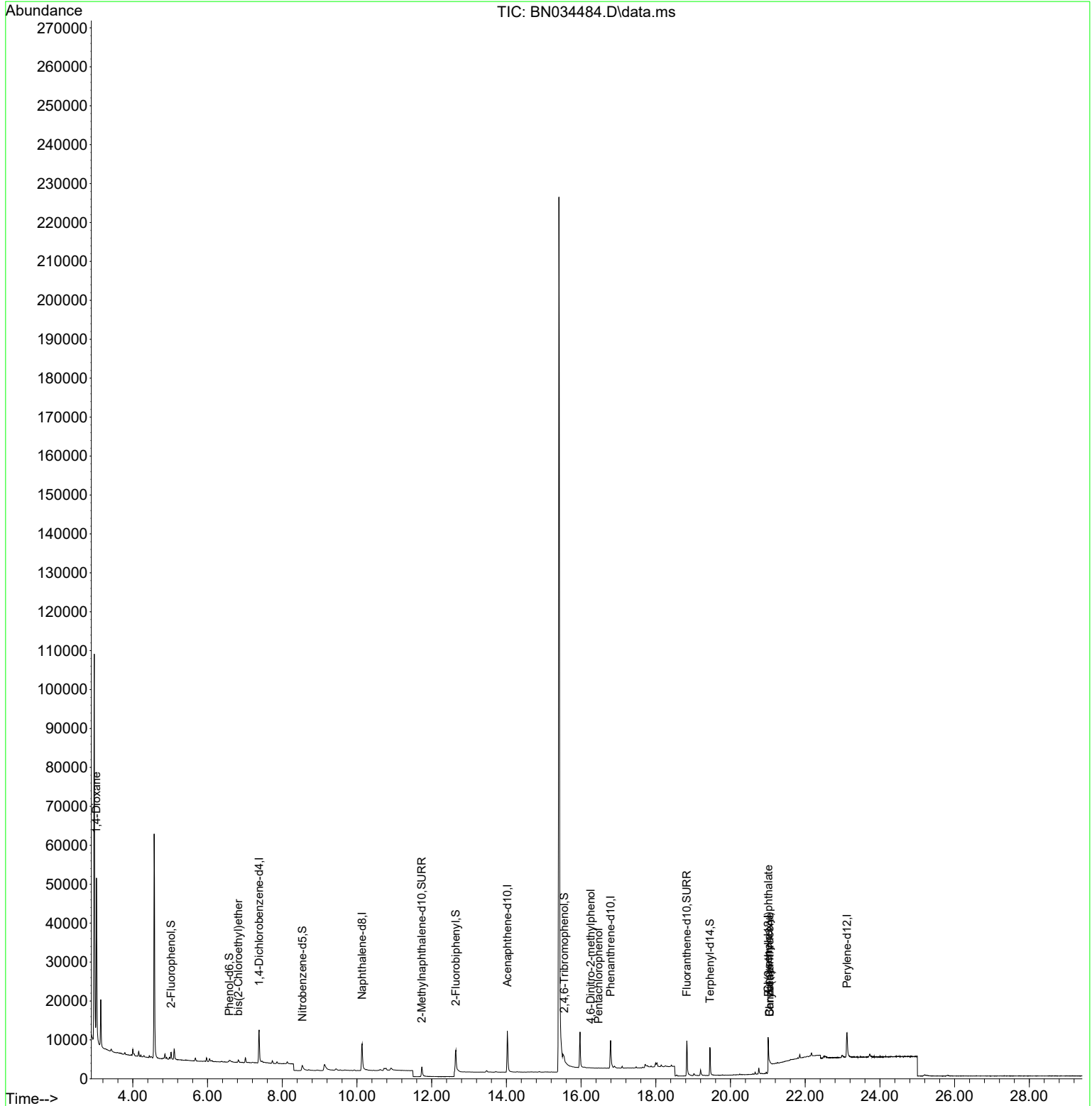
Quant Time: Oct 09 01:44:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 26 14:44:02 2024
 Response via : Initial Calibration

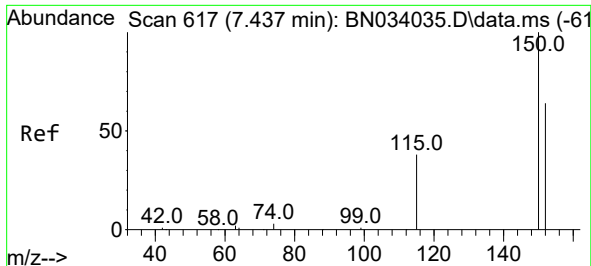
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.380	152	4467	0.400	ng	-0.01
7) Naphthalene-d8	10.137	136	12487	0.400	ng	-0.01
13) Acenaphthene-d10	14.026	164	7076	0.400	ng	-0.02
19) Phenanthrene-d10	16.790	188	12271	0.400	ng	-0.01
29) Chrysene-d12	21.006	240	8090	0.400	ng	0.00
35) Perylene-d12	23.116	264	9497	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.025	112	1563	0.123	ng	0.00
5) Phenol-d6	6.585	99	751	0.051	ng	-0.01
8) Nitrobenzene-d5	8.536	82	2041	0.214	ng	0.00
11) 2-Methylnaphthalene-d10	11.734	152	4690	0.254	ng	-0.02
14) 2,4,6-Tribromophenol	15.549	330	852	0.266	ng	0.00
15) 2-Fluorobiphenyl	12.647	172	6847	0.238	ng	-0.01
27) Fluoranthene-d10	18.832	212	11306	0.365	ng	-0.01
31) Terphenyl-d14	19.449	244	7938	0.491	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	24613	4.407	ng	100
6) bis(2-Chloroethyl)ether	6.824	93	450	0.034	ng	91
20) 4,6-Dinitro-2-methylph...	16.257	198	16	0.145	ng	# 1
24) Pentachlorophenol	16.468	266	110	0.043	ng	# 74
32) Benzo(a)anthracene	21.050	228	620	0.024	ng	# 61
33) Chrysene	21.050	228	894	0.029	ng	# 65
34) Bis(2-ethylhexyl)phtha...	21.015	149	908	0.085	ng	# 89

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

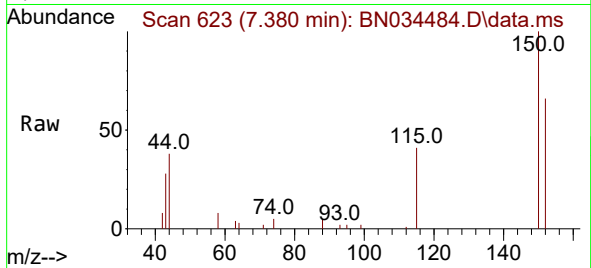
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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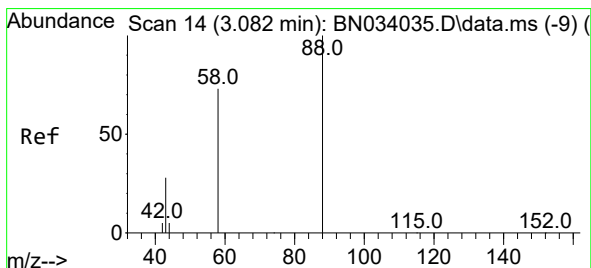
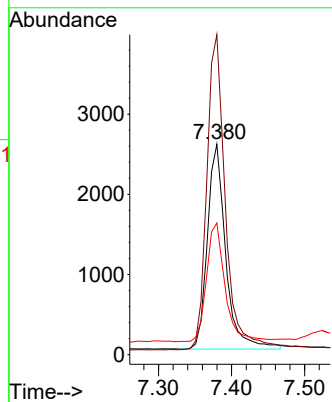
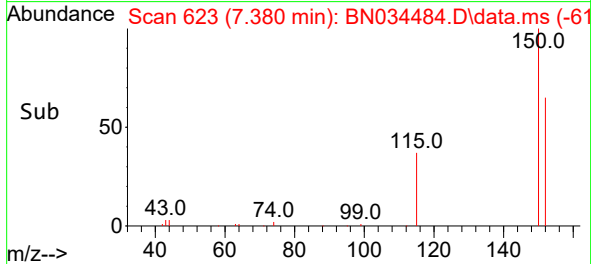


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.380 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN034484.D
 Acq: 09 Oct 2024 01:20

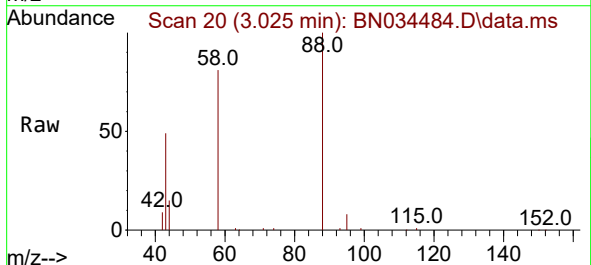
Instrument :
 BNA_N
 ClientSampleId :
 DUP07-20240924



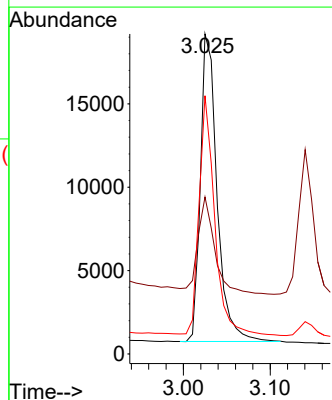
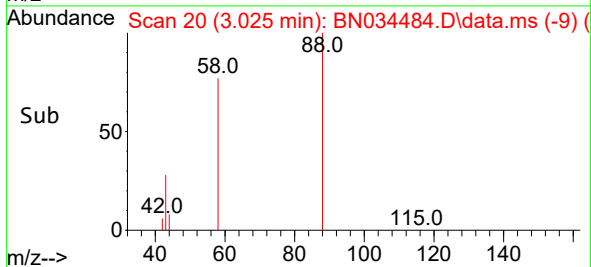
Tgt Ion:152 Resp: 4467
 Ion Ratio Lower Upper
 152 100
 150 152.0 124.6 187.0
 115 62.6 50.0 75.0

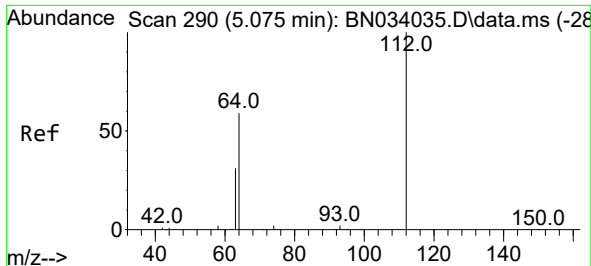


#2
 1,4-Dioxane
 Concen: 4.407 ng
 RT: 3.025 min Scan# 20
 Delta R.T. -0.022 min
 Lab File: BN034484.D
 Acq: 09 Oct 2024 01:20



Tgt Ion: 88 Resp: 24613
 Ion Ratio Lower Upper
 88 100
 43 32.4 25.8 38.8
 58 73.8 58.8 88.2

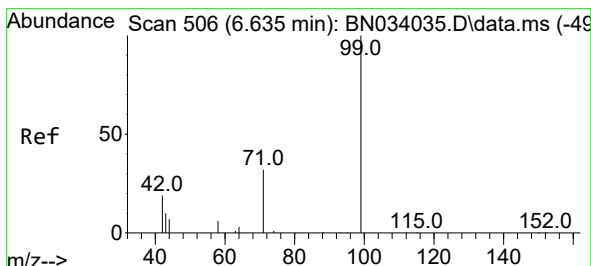
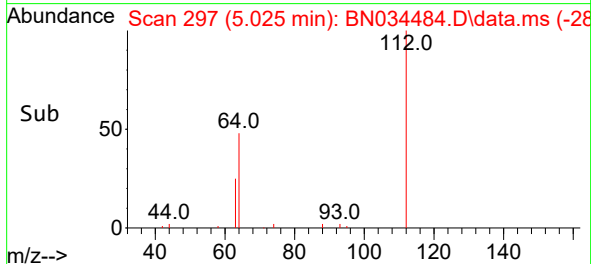
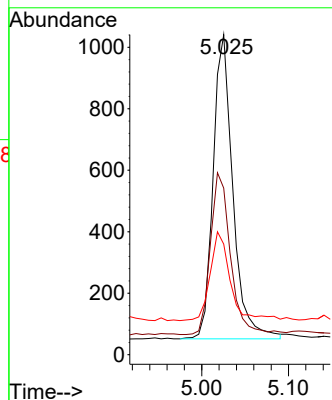
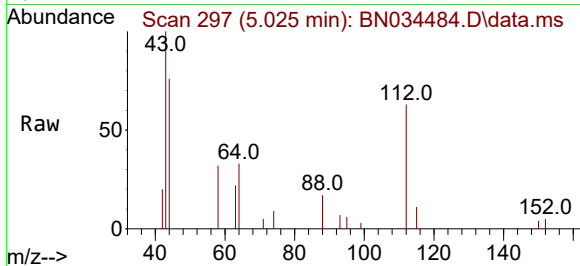




#4
2-Fluorophenol
Concen: 0.123 ng
RT: 5.025 min Scan# 290
Delta R.T. -0.007 min
Lab File: BN034484.D
Acq: 09 Oct 2024 01:20

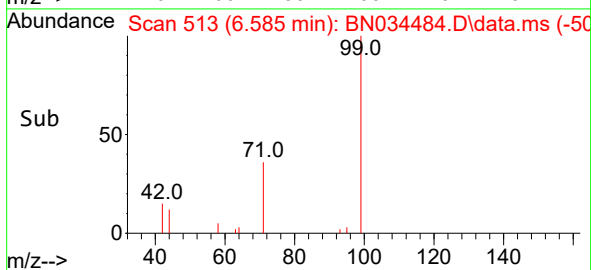
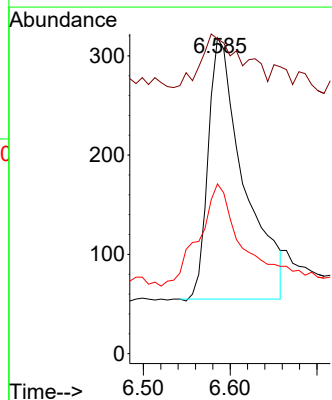
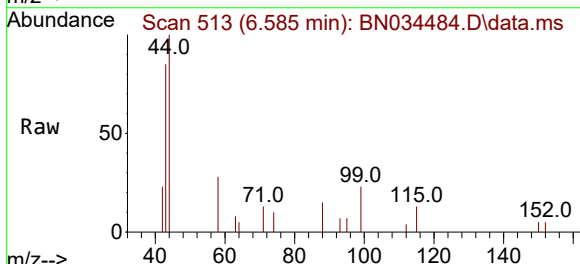
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BNA_N
ClientSampleId :
DUP07-20240924

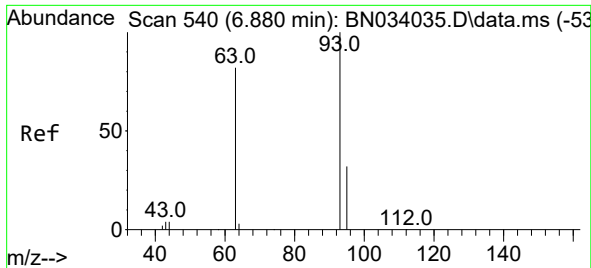
Tgt Ion:112 Resp: 1563
Ion Ratio Lower Upper
112 100
64 54.3 48.6 72.8
63 29.7 25.6 38.4



#5
Phenol-d6
Concen: 0.051 ng
RT: 6.585 min Scan# 513
Delta R.T. -0.014 min
Lab File: BN034484.D
Acq: 09 Oct 2024 01:20

Tgt Ion: 99 Resp: 751
Ion Ratio Lower Upper
99 100
42 23.4 17.8 26.8
71 46.2 26.2 39.2#

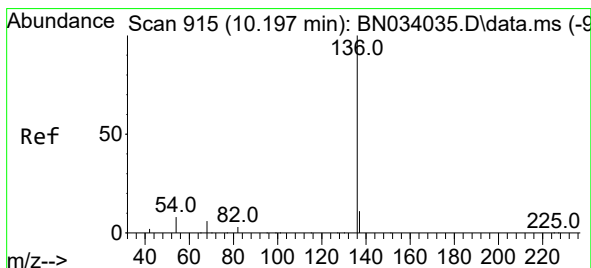
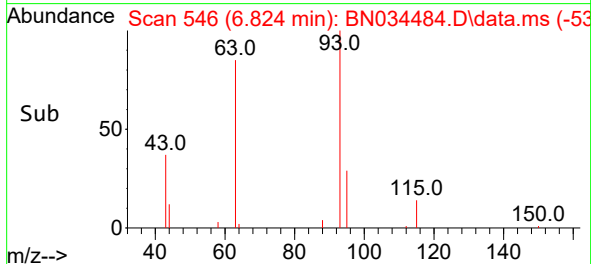
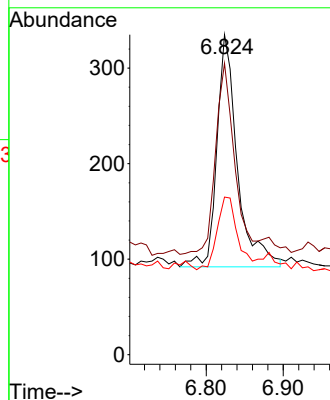
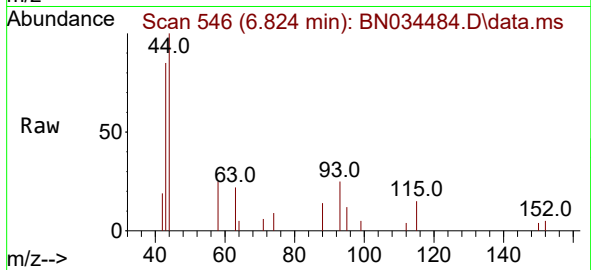




#6
bis(2-Chloroethyl)ether
Concen: 0.034 ng
RT: 6.824 min Scan# 54
Delta R.T. -0.014 min
Lab File: BN034484.D
Acq: 09 Oct 2024 01:20

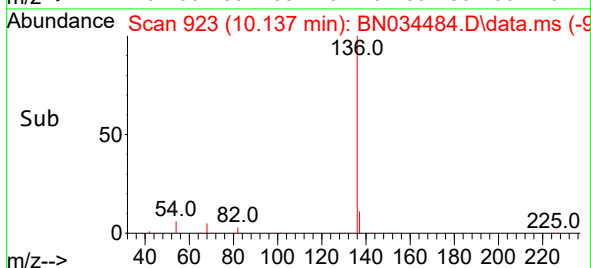
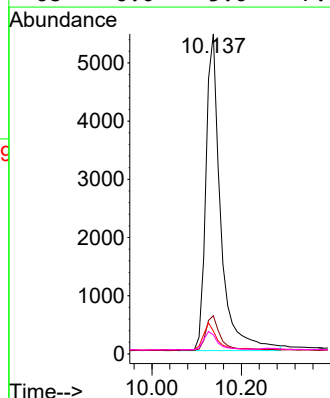
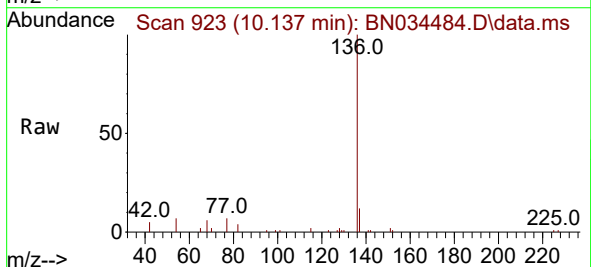
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DUP07-20240924

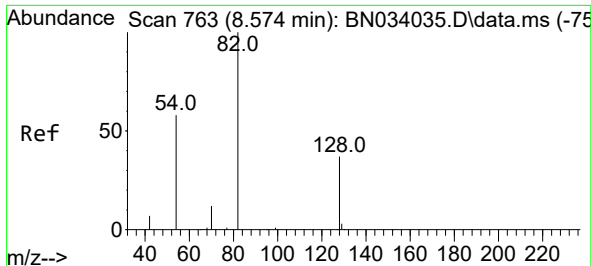
Tgt Ion: 93 Resp: 450
Ion Ratio Lower Upper
93 100
63 74.9 67.3 100.9
95 30.9 26.8 40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.137 min Scan# 923
Delta R.T. -0.011 min
Lab File: BN034484.D
Acq: 09 Oct 2024 01:20

Tgt Ion:136 Resp: 12487
Ion Ratio Lower Upper
136 100
137 12.0 9.0 13.6
54 7.1 6.8 10.2
68 6.0 5.0 7.6

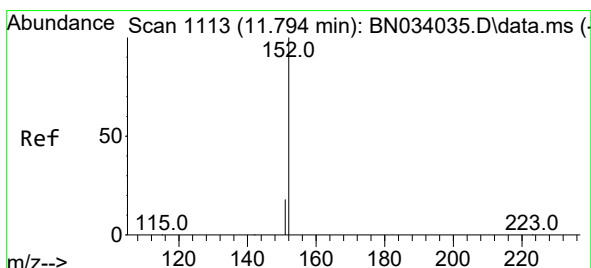
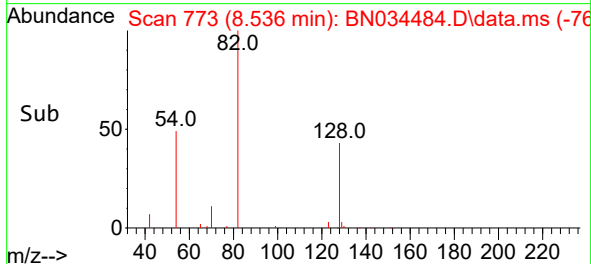
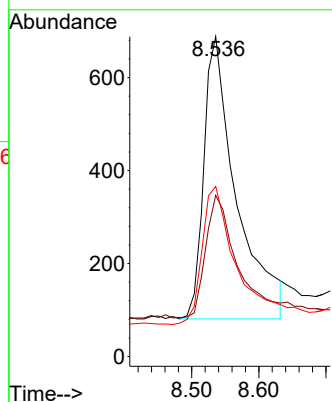
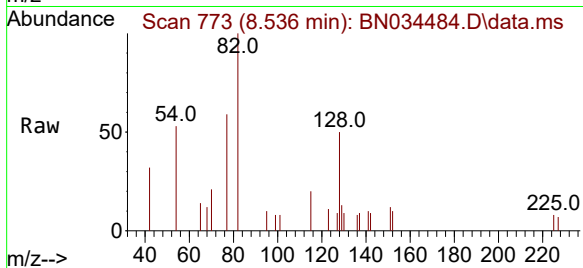




#8
 Nitrobenzene-d5
 Concen: 0.214 ng
 RT: 8.536 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN034484.D
 Acq: 09 Oct 2024 01:20

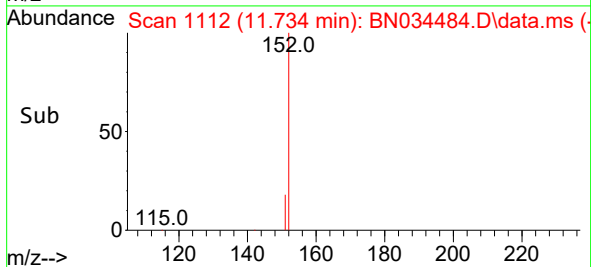
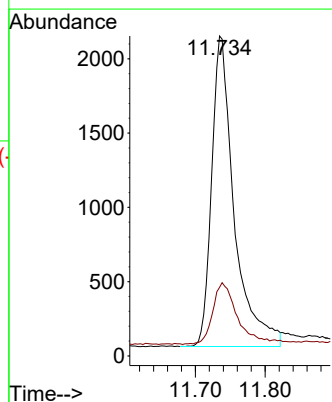
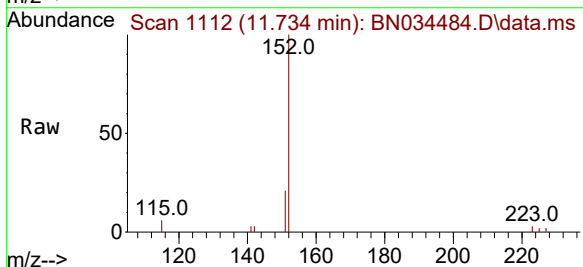
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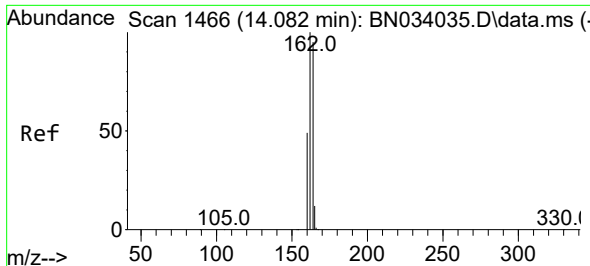
Tgt Ion: 82 Resp: 2041
 Ion Ratio Lower Upper
 82 100
 128 50.4 31.4 47.2#
 54 53.2 47.4 71.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.254 ng
 RT: 11.734 min Scan# 1112
 Delta R.T. -0.019 min
 Lab File: BN034484.D
 Acq: 09 Oct 2024 01:20

Tgt Ion:152 Resp: 4690
 Ion Ratio Lower Upper
 152 100
 151 21.6 16.8 25.2

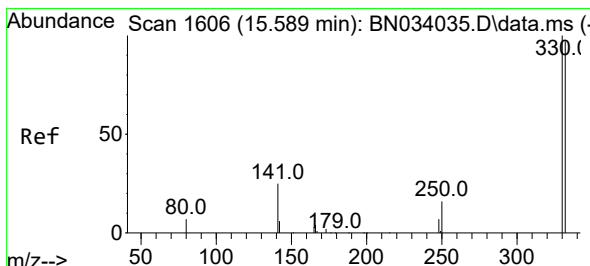
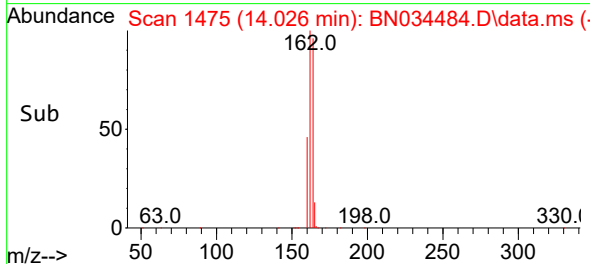
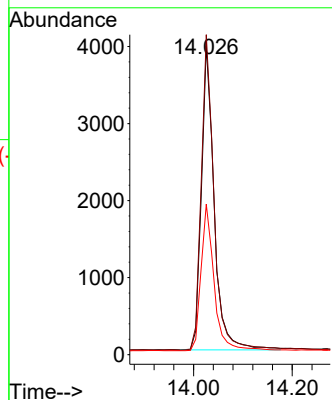
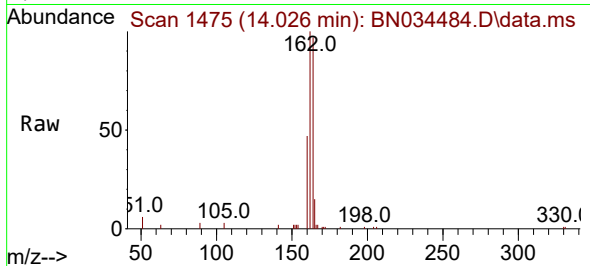




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.026 min Scan# 14
Delta R.T. -0.021 min
Lab File: BN034484.D
Acq: 09 Oct 2024 01:20

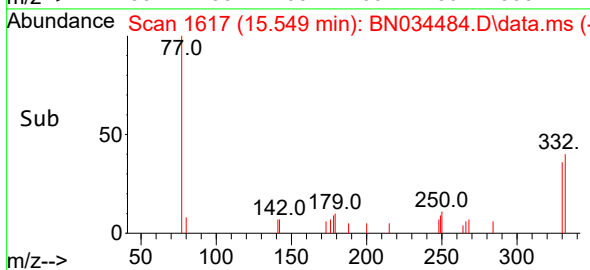
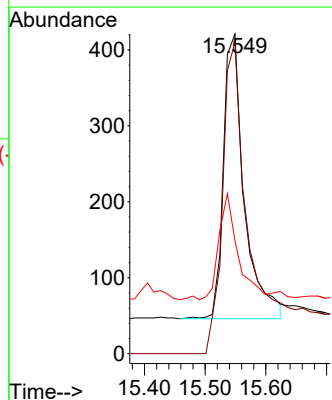
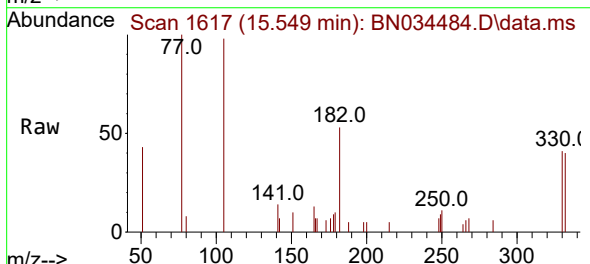
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DUP07-20240924

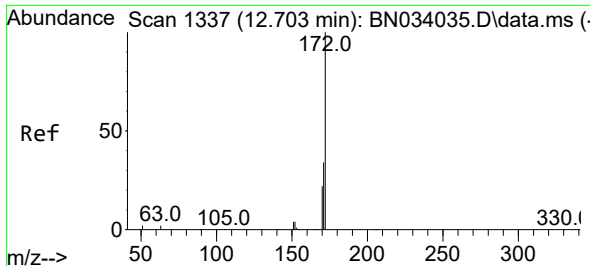
Tgt Ion:164 Resp: 7076
Ion Ratio Lower Upper
164 100
162 103.6 84.2 126.2
160 48.8 41.7 62.5



#14
2,4,6-Tribromophenol
Concen: 0.266 ng
RT: 15.549 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BN034484.D
Acq: 09 Oct 2024 01:20

Tgt Ion:330 Resp: 852
Ion Ratio Lower Upper
330 100
332 137.9 77.4 116.0#
141 35.3 35.9 53.9#

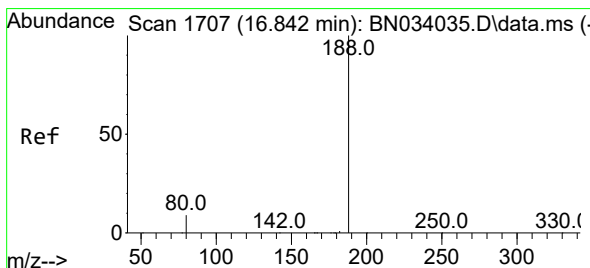
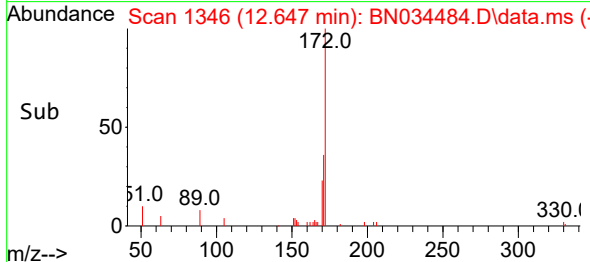
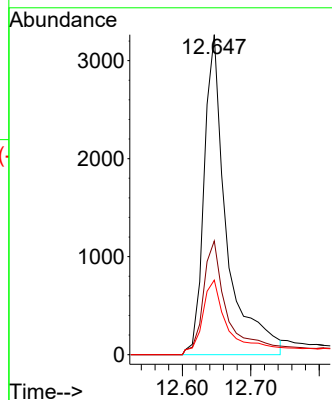
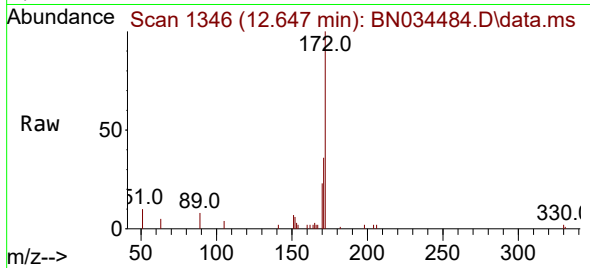




#15
2-Fluorobiphenyl
Concen: 0.238 ng
RT: 12.647 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN034484.D
Acq: 09 Oct 2024 01:20

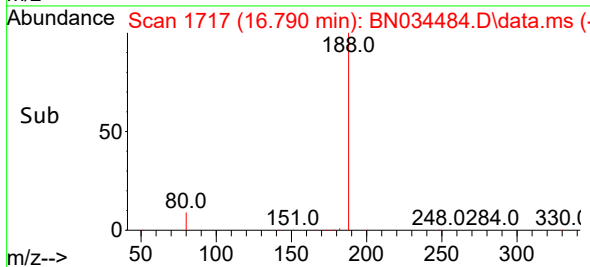
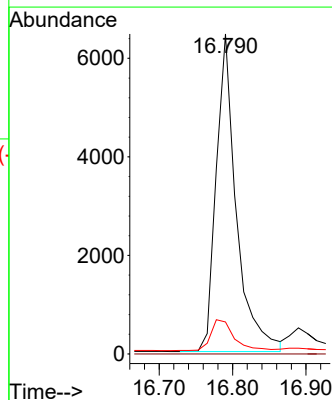
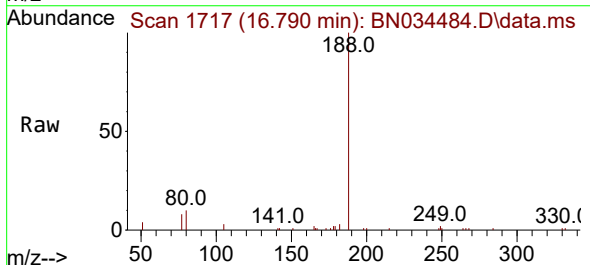
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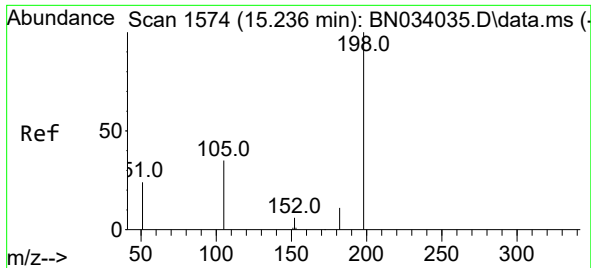
Tgt Ion:172 Resp: 6847
Ion Ratio Lower Upper
172 100
171 35.5 27.3 40.9
170 23.3 18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.790 min Scan# 1717
Delta R.T. -0.012 min
Lab File: BN034484.D
Acq: 09 Oct 2024 01:20

Tgt Ion:188 Resp: 12271
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 7.4 11.0

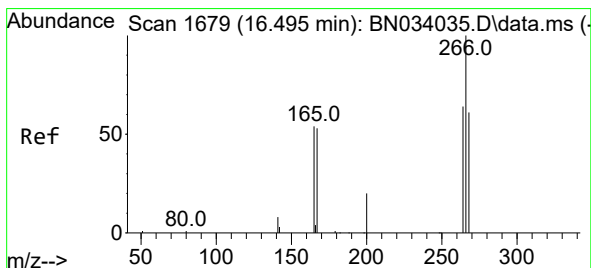
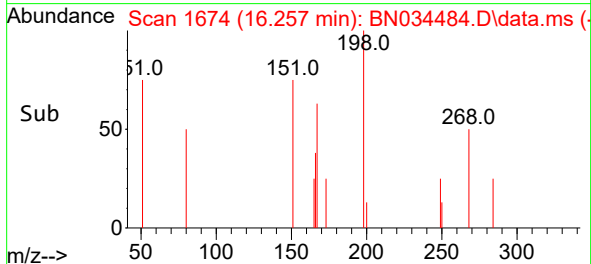
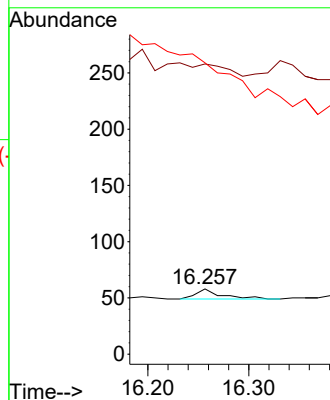
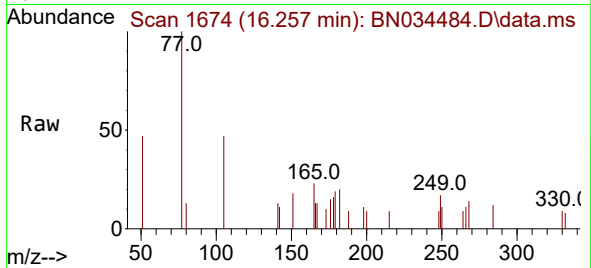




#20
4,6-Dinitro-2-methylphenol
Concen: 0.145 ng
RT: 16.257 min Scan# 1674
Delta R.T. -0.050 min
Lab File: BN034484.D
Acq: 09 Oct 2024 01:20

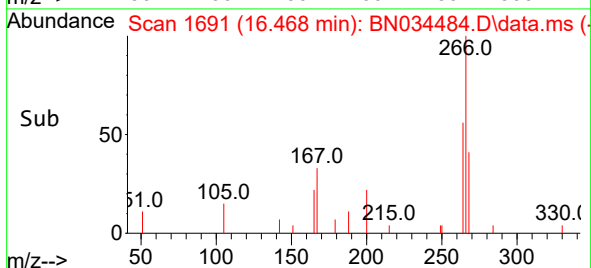
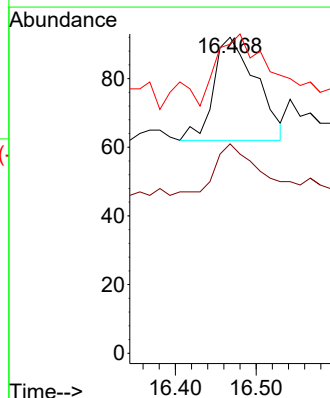
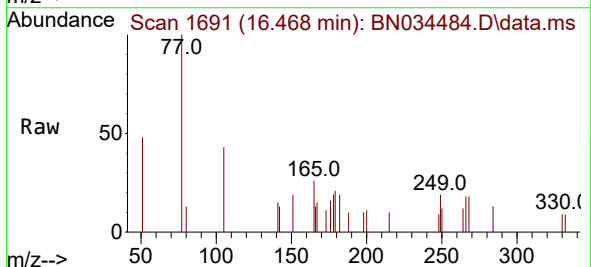
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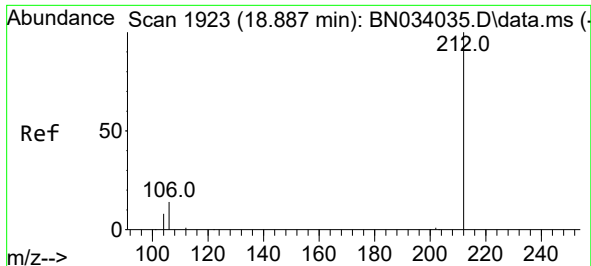
Tgt Ion:198 Resp: 16
Ion Ratio Lower Upper
198 100
51 444.8 106.4 159.6#
105 446.6 38.5 57.7#



#24
Pentachlorophenol
Concen: 0.043 ng
RT: 16.468 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN034484.D
Acq: 09 Oct 2024 01:20

Tgt Ion:266 Resp: 110
Ion Ratio Lower Upper
266 100
264 44.5 50.2 75.2#
268 86.4 51.0 76.4#





#27

Fluoranthene-d10

Concen: 0.365 ng

RT: 18.832 min Scan# 1924

Delta R.T. -0.014 min

Lab File: BN034484.D

Acq: 09 Oct 2024 01:20

Instrument :

BNA_N

ClientSampleId :

DUP07-20240924

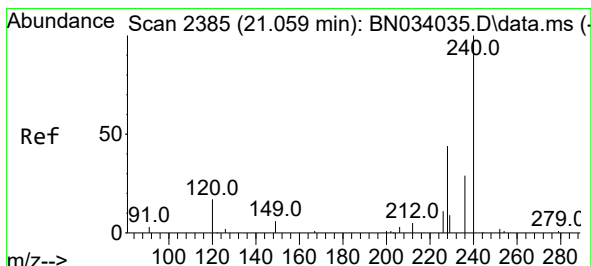
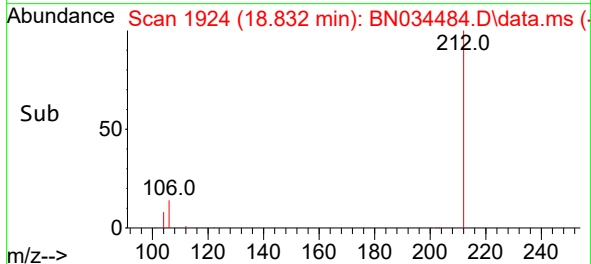
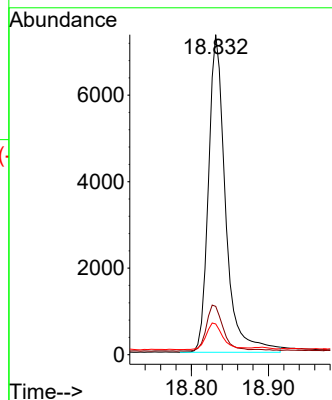
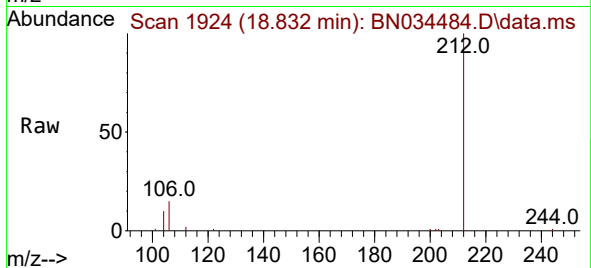
Tgt Ion:212 Resp: 11306

Ion Ratio Lower Upper

212 100

106 14.5 13.4 20.2

104 8.3 7.8 11.6



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.006 min Scan# 2392

Delta R.T. -0.009 min

Lab File: BN034484.D

Acq: 09 Oct 2024 01:20

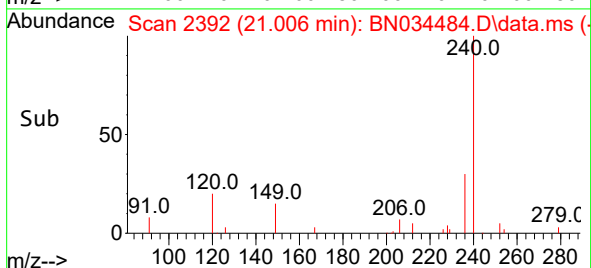
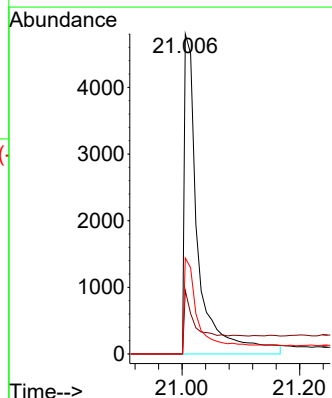
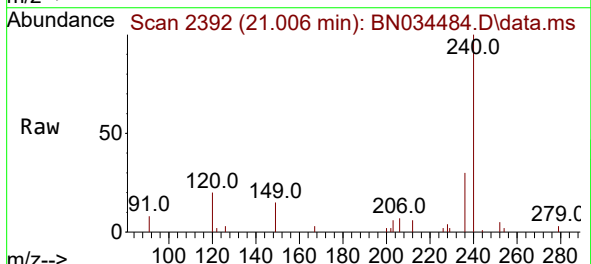
Tgt Ion:240 Resp: 8090

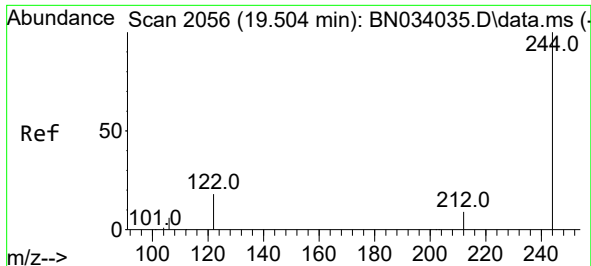
Ion Ratio Lower Upper

240 100

120 19.8 13.5 20.3

236 30.0 23.4 35.0

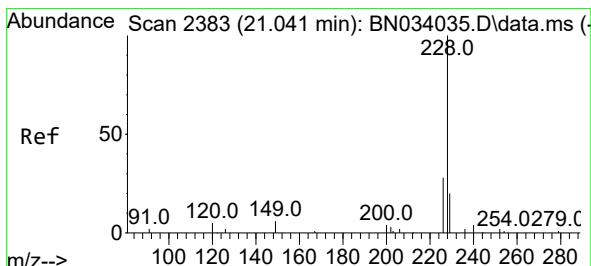
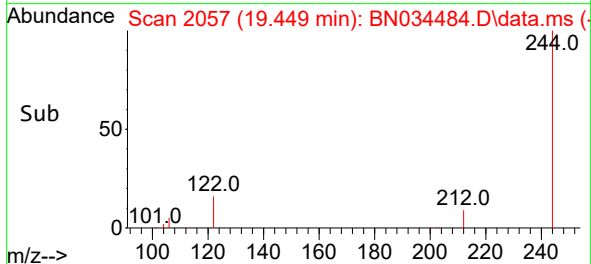
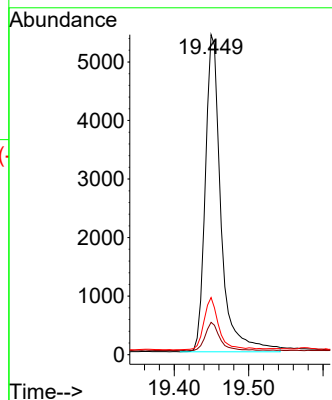
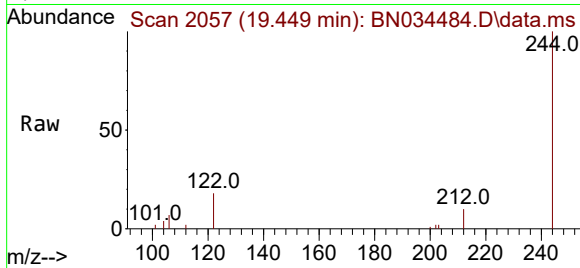




#31
 Terphenyl-d14
 Concen: 0.491 ng
 RT: 19.449 min Scan# 2056
 Delta R.T. -0.019 min
 Lab File: BN034484.D
 Acq: 09 Oct 2024 01:20

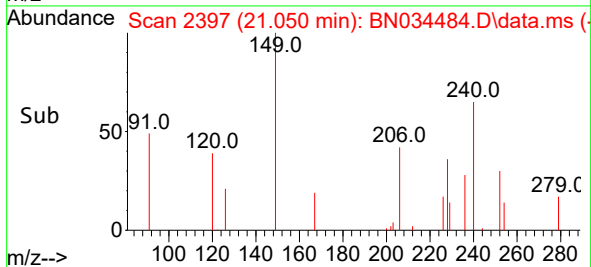
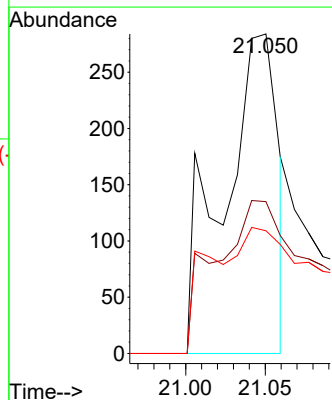
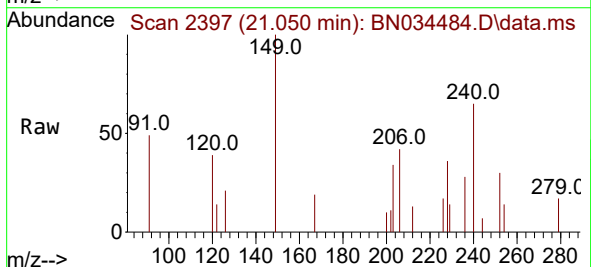
Instrument :
 BNA_N
 ClientSampleId :
 DUP07-20240924

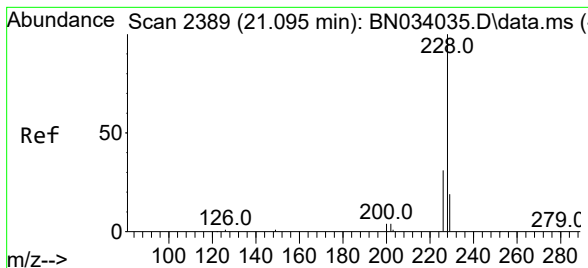
Tgt Ion:244 Resp: 7938
 Ion Ratio Lower Upper
 244 100
 212 10.1 7.8 11.6
 122 17.8 14.8 22.2



#32
 Benzo(a)anthracene
 Concen: 0.024 ng
 RT: 21.050 min Scan# 2397
 Delta R.T. 0.045 min
 Lab File: BN034484.D
 Acq: 09 Oct 2024 01:20

Tgt Ion:228 Resp: 620
 Ion Ratio Lower Upper
 228 100
 226 47.5 22.3 33.5#
 229 38.4 15.7 23.5#





#33

Chrysene

Concen: 0.029 ng

RT: 21.050 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN034484.D

Acq: 09 Oct 2024 01:20

Instrument :

BNA_N

ClientSampleId :

DUP07-20240924

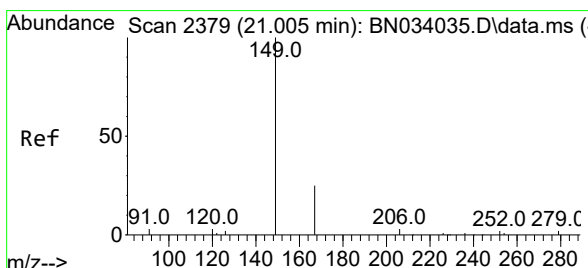
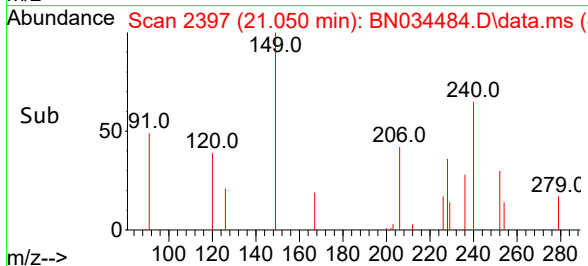
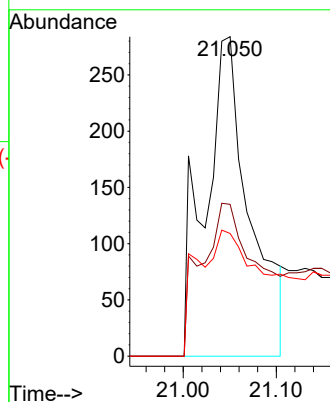
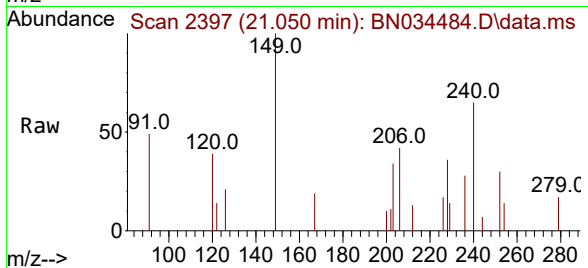
Tgt Ion:228 Resp: 894

Ion Ratio Lower Upper

228 100

226 47.5 24.6 37.0#

229 38.4 15.5 23.3#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.085 ng

RT: 21.015 min Scan# 2393

Delta R.T. 0.009 min

Lab File: BN034484.D

Acq: 09 Oct 2024 01:20

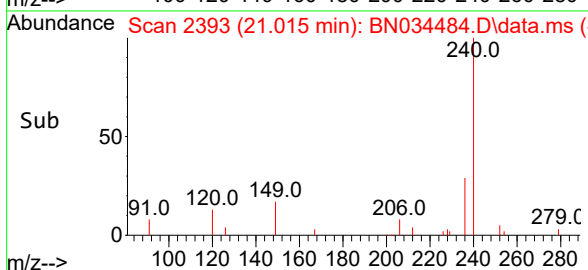
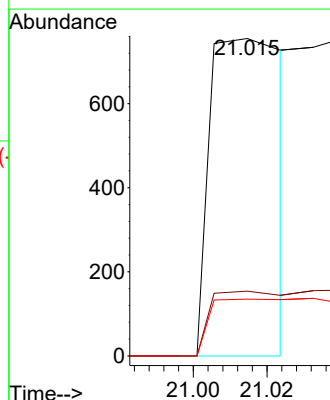
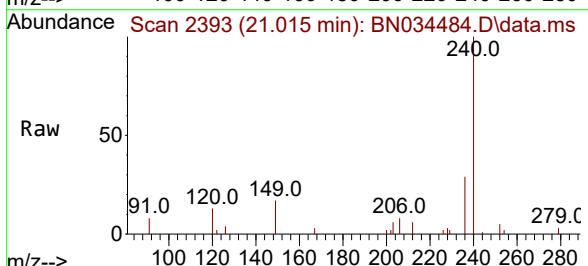
Tgt Ion:149 Resp: 908

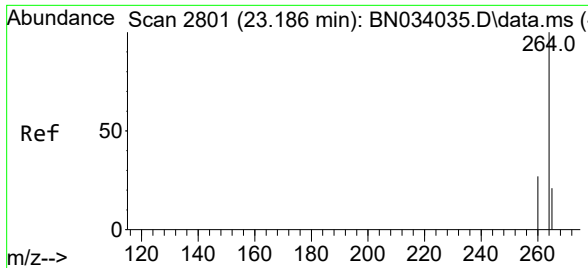
Ion Ratio Lower Upper

149 100

167 20.0 19.9 29.9

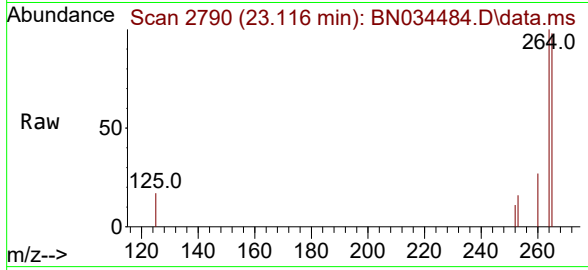
279 0.0 4.6 6.8#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.116 min Scan# 21
Delta R.T. -0.012 min
Lab File: BN034484.D
Acq: 09 Oct 2024 01:20

Instrument :
BNA_N
ClientSampleId :
DUP07-20240924



Tgt Ion:264 Resp: 9497

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.7	32.5
265	98.1	52.1	78.1#

