

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092624\
 Data File : BN034272.D
 Acq On : 27 Sep 2024 09:46
 Operator : RC/JU
 Sample : P4164-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE135D2-20240920

Quant Time: Sep 27 10:57:19 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)

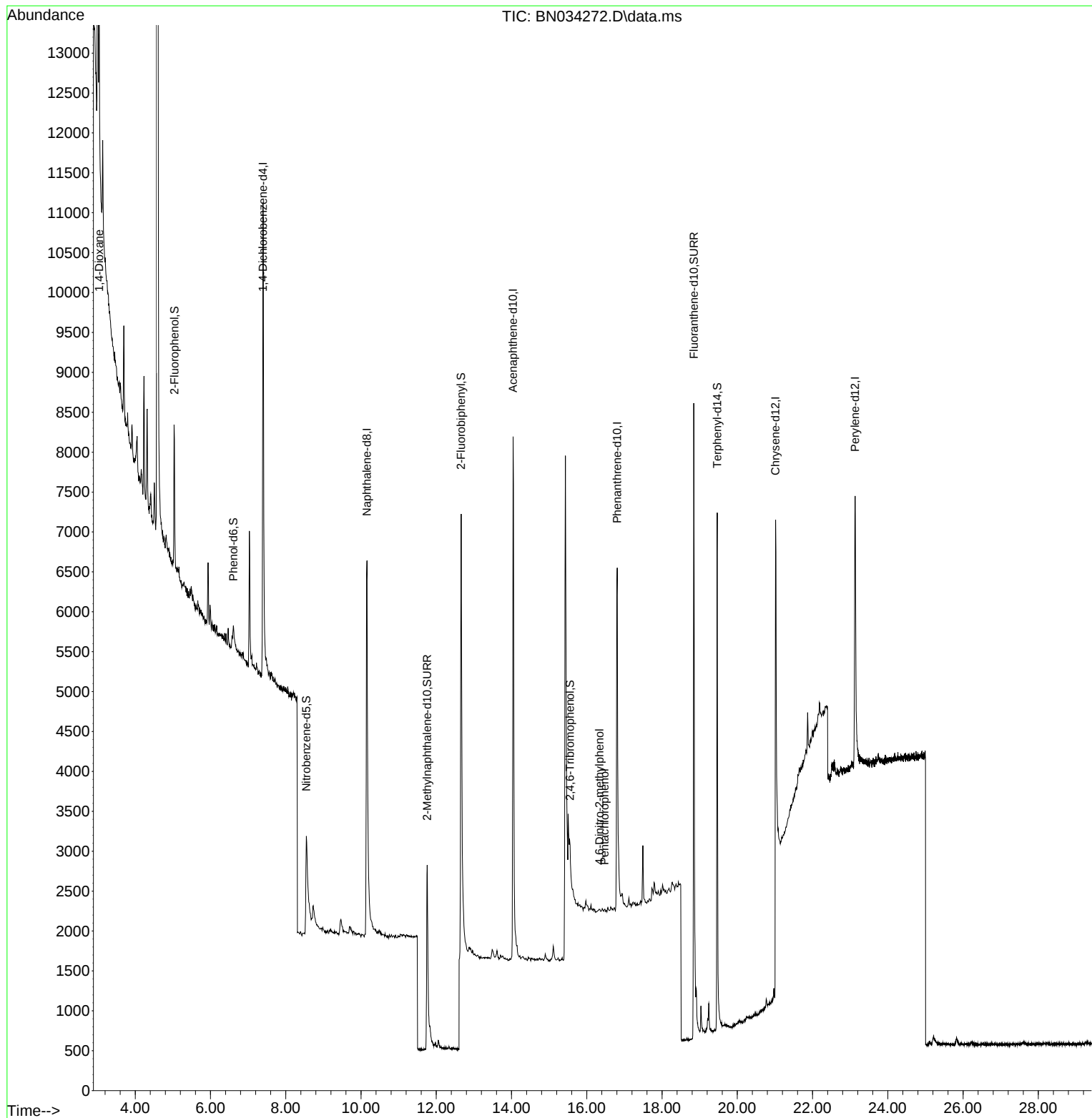
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.394	152	3563	0.400	ng	0.00
7) Naphthalene-d8	10.159	136	9553	0.400	ng	# 0.01
13) Acenaphthene-d10	14.040	164	4856	0.400	ng	0.00
19) Phenanthrene-d10	16.808	188	8775	0.400	ng	0.00
29) Chrysene-d12	21.017	240	6011	0.400	ng	# 0.00
35) Perylene-d12	23.130	264	5391	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.040	112	1396	0.138	ng	0.00
5) Phenol-d6	6.607	99	510	0.043	ng	0.00
8) Nitrobenzene-d5	8.546	82	2154	0.295	ng	0.01
11) 2-Methylnaphthalene-d10	11.757	152	5011	0.355	ng	0.00
14) 2,4,6-Tribromophenol	15.555	330	284	0.129	ng	0.00
15) 2-Fluorobiphenyl	12.661	172	7268	0.368	ng	0.00
27) Fluoranthene-d10	18.843	212	10428	0.471	ng	0.00
31) Terphenyl-d14	19.466	244	6965	0.580	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.039	88	1278	0.287	ng	# 19
20) 4,6-Dinitro-2-methylph...	16.337	198	5	0.141	ng	# 1
24) Pentachlorophenol	16.473	266	45	0.025	ng	# 80

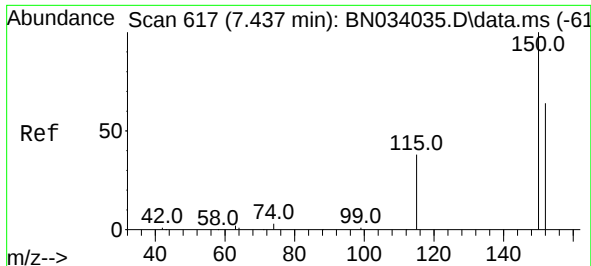
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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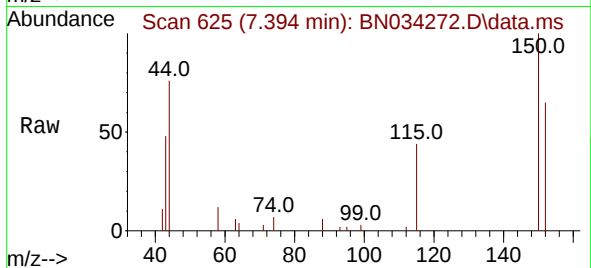
Quant Time: Sep 27 10:57:19 2024
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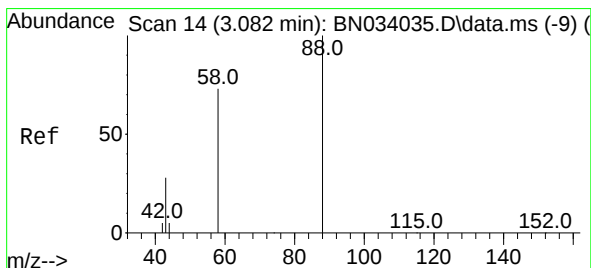
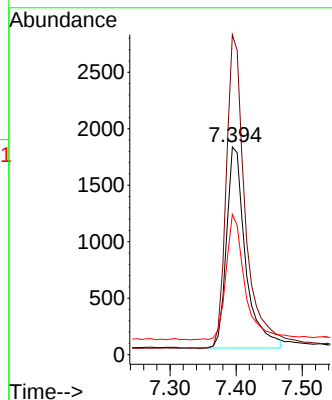
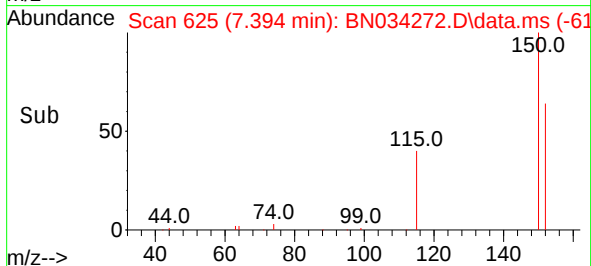


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.394 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN034272.D
Acq: 27 Sep 2024 09:46

Instrument :
BNA_N
ClientSampleId :
RE135D2-20240920

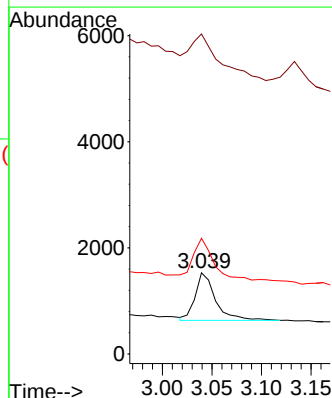
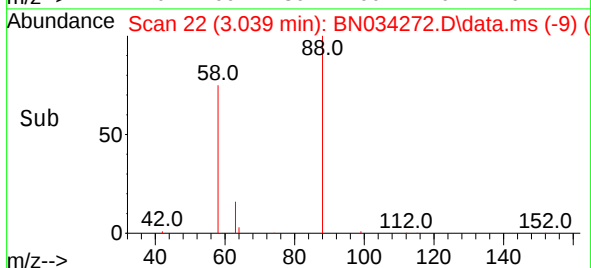
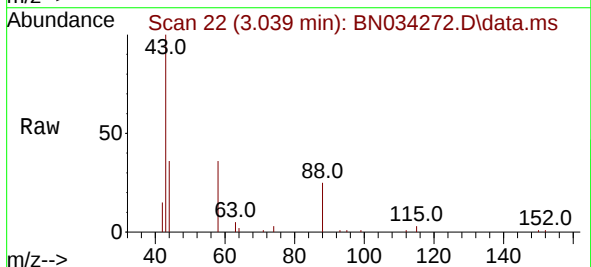


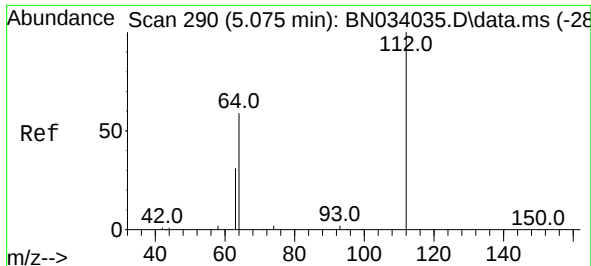
Tgt Ion:152 Resp: 3563
Ion Ratio Lower Upper
152 100
150 154.1 124.6 187.0
115 67.6 50.0 75.0



#2
1,4-Dioxane
Concen: 0.287 ng
RT: 3.039 min Scan# 22
Delta R.T. -0.007 min
Lab File: BN034272.D
Acq: 27 Sep 2024 09:46

Tgt Ion: 88 Resp: 1278
Ion Ratio Lower Upper
88 100
43 145.1 25.8 38.8#
58 96.6 58.8 88.2#





#4

2-Fluorophenol

Concen: 0.138 ng

RT: 5.040 min Scan# 20

Delta R.T. 0.007 min

Lab File: BN034272.D

Acq: 27 Sep 2024 09:46

Instrument :

BNA_N

ClientSampleId :

RE135D2-20240920

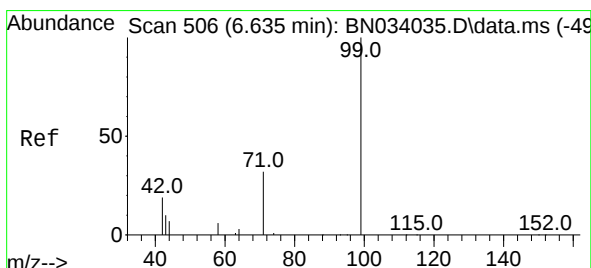
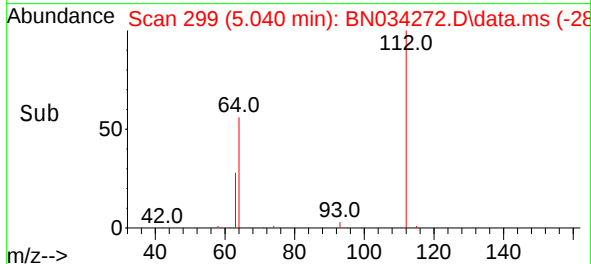
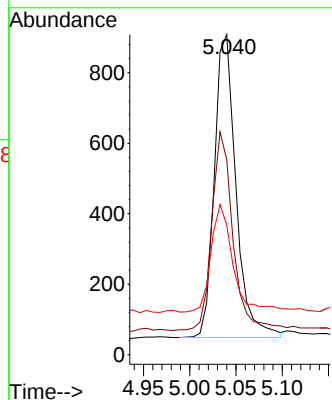
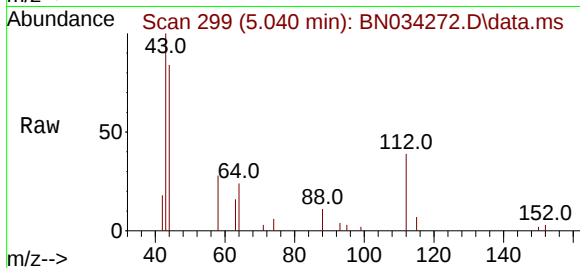
Tgt Ion:112 Resp: 1396

Ion Ratio Lower Upper

112 100

64 64.1 48.6 72.8

63 36.1 25.6 38.4



#5

Phenol-d6

Concen: 0.043 ng

RT: 6.607 min Scan# 516

Delta R.T. 0.007 min

Lab File: BN034272.D

Acq: 27 Sep 2024 09:46

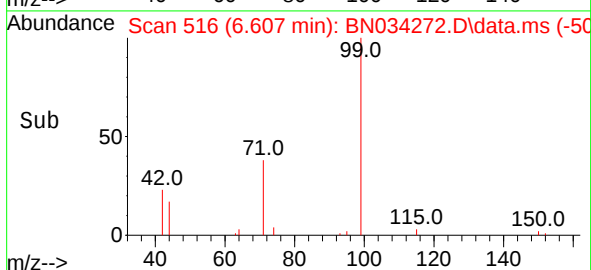
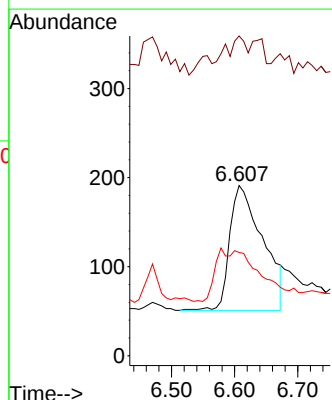
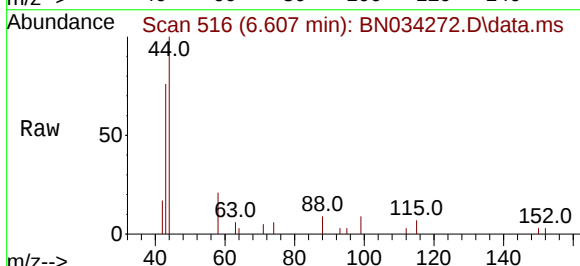
Tgt Ion: 99 Resp: 510

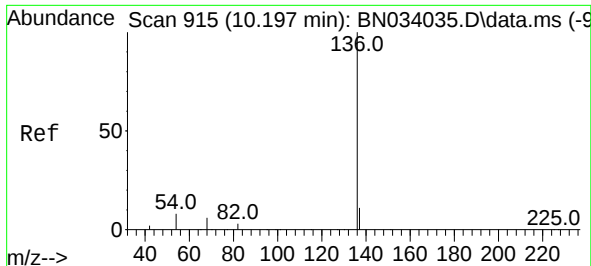
Ion Ratio Lower Upper

99 100

42 15.9 17.8 26.8#

71 0.0 26.2 39.2#

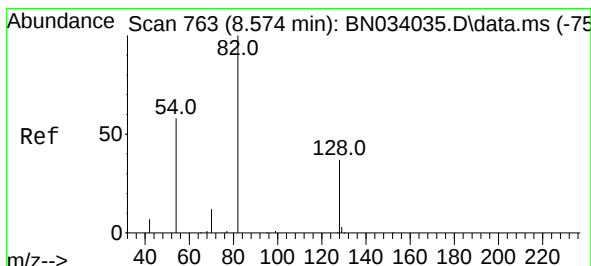
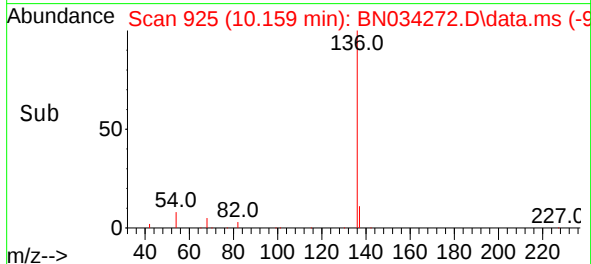
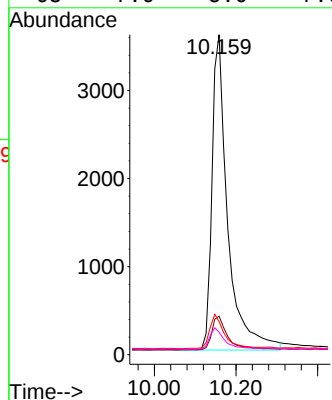
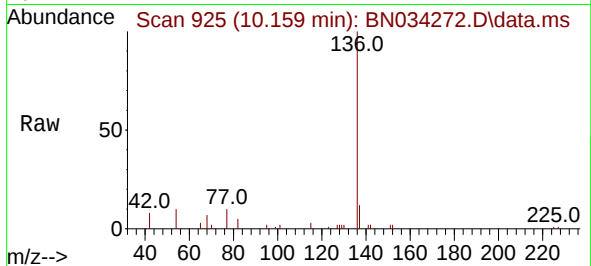




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.159 min Scan# 915
Delta R.T. 0.011 min
Lab File: BN034272.D
Acq: 27 Sep 2024 09:46

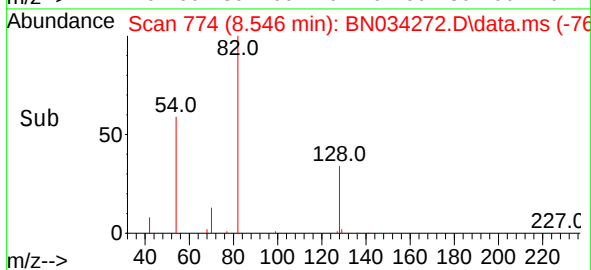
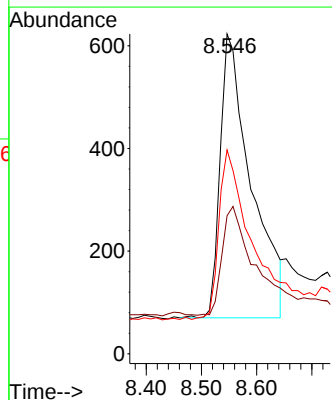
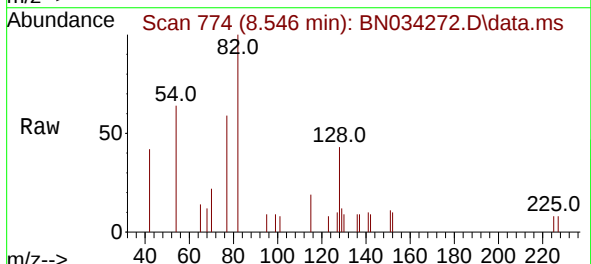
Instrument :
BNA_N
ClientSampleId :
RE135D2-20240920

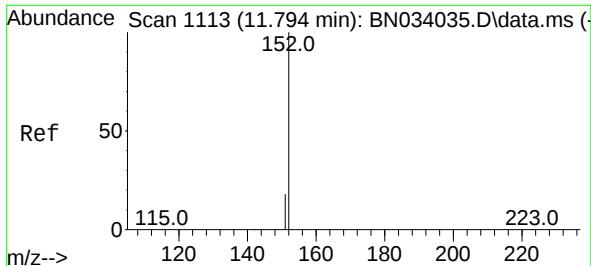
Tgt Ion:	136	Resp:	9553
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.0	13.6
54	10.3	6.8	10.2#
68	7.0	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.295 ng
RT: 8.546 min Scan# 774
Delta R.T. 0.011 min
Lab File: BN034272.D
Acq: 27 Sep 2024 09:46

Tgt Ion:	82	Resp:	2154
Ion	Ratio	Lower	Upper
82	100		
128	43.2	31.4	47.2
54	63.7	47.4	71.0





#11

2-Methylnaphthalene-d10

Concen: 0.355 ng

RT: 11.757 min Scan# 1118

Delta R.T. 0.004 min

Lab File: BN034272.D

Acq: 27 Sep 2024 09:46

Instrument :

BNA_N

ClientSampleId :

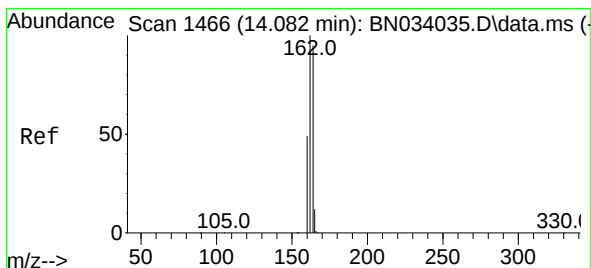
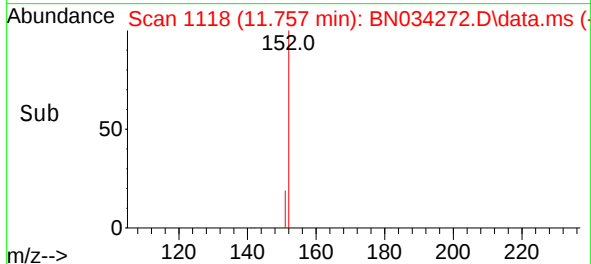
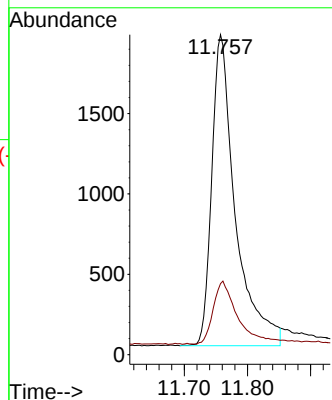
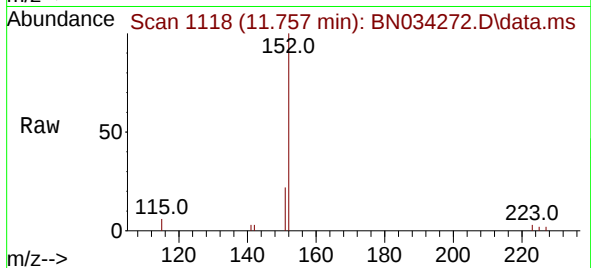
RE135D2-20240920

Tgt Ion:152 Resp: 5011

Ion Ratio Lower Upper

152 100

151 21.1 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.040 min Scan# 1477

Delta R.T. -0.007 min

Lab File: BN034272.D

Acq: 27 Sep 2024 09:46

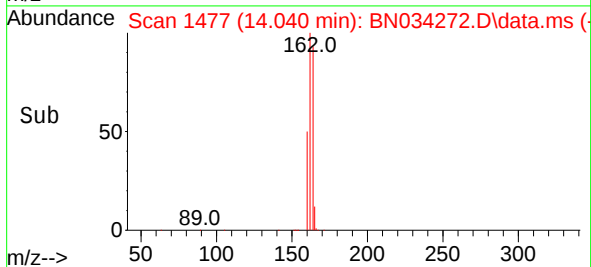
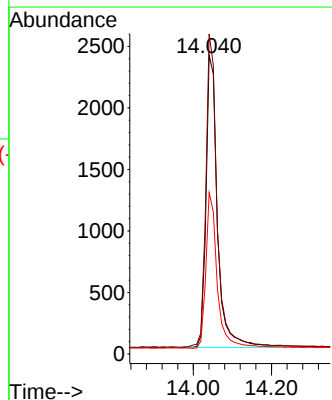
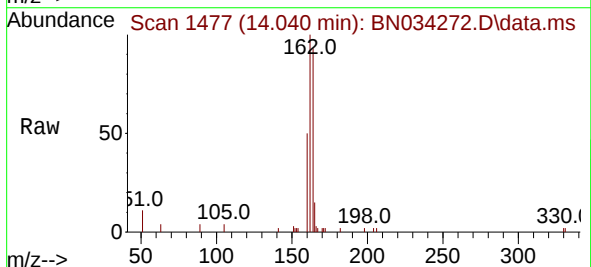
Tgt Ion:164 Resp: 4856

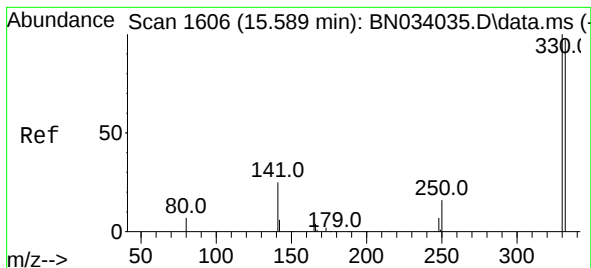
Ion Ratio Lower Upper

164 100

162 107.2 84.2 126.2

160 54.0 41.7 62.5

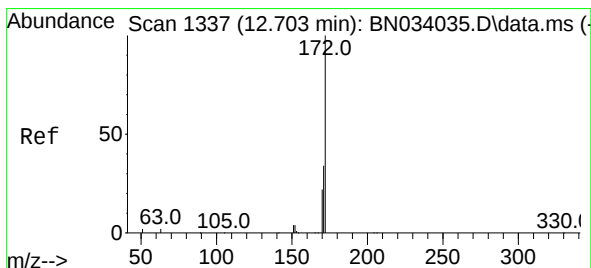
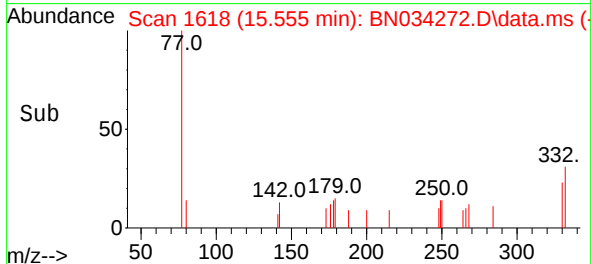
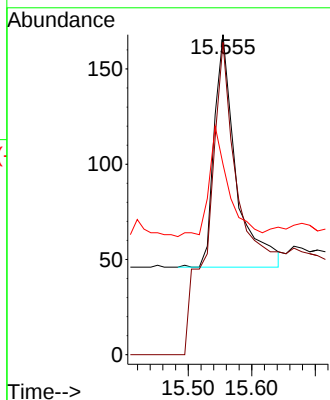
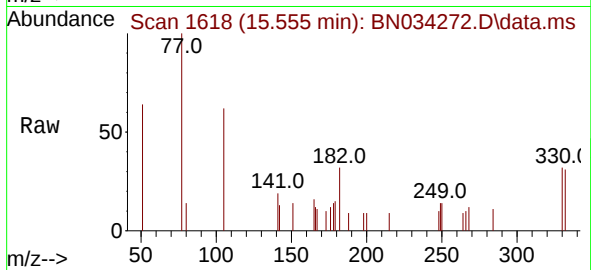




#14
2,4,6-Tribromophenol
Concen: 0.129 ng
RT: 15.555 min Scan# 1
Delta R.T. 0.006 min
Lab File: BN034272.D
Acq: 27 Sep 2024 09:46

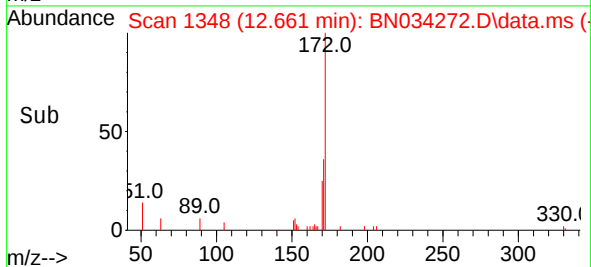
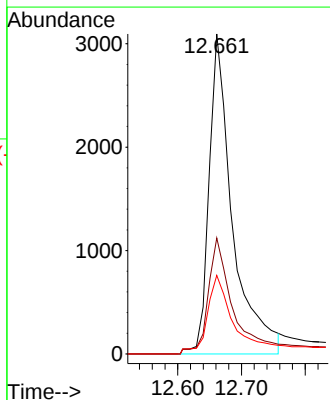
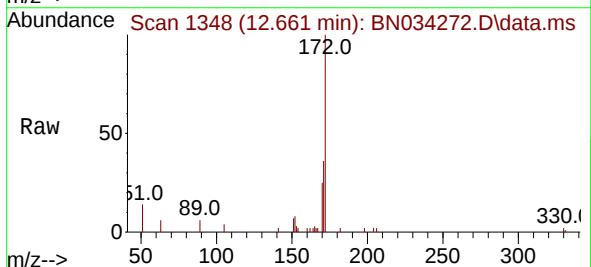
Instrument :
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ClientSampleId :
RE135D2-20240920

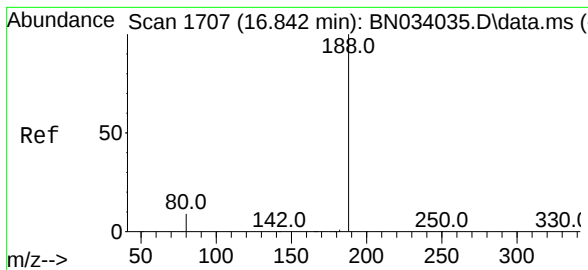
Tgt Ion:330 Resp: 284
Ion Ratio Lower Upper
330 100
332 218.0 77.4 116.0#
141 42.3 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 12.661 min Scan# 1348
Delta R.T. 0.004 min
Lab File: BN034272.D
Acq: 27 Sep 2024 09:46

Tgt Ion:172 Resp: 7268
Ion Ratio Lower Upper
172 100
171 36.3 27.3 40.9
170 24.5 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.808 min Scan# 1

Delta R.T. 0.006 min

Lab File: BN034272.D

Acq: 27 Sep 2024 09:46

Instrument :

BNA_N

ClientSampleId :

RE135D2-20240920

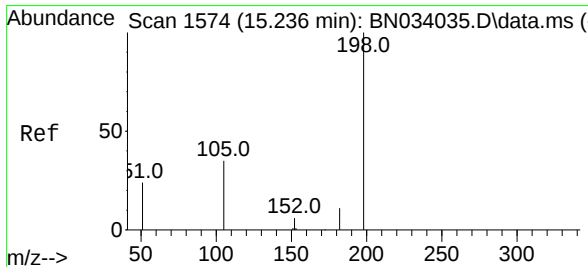
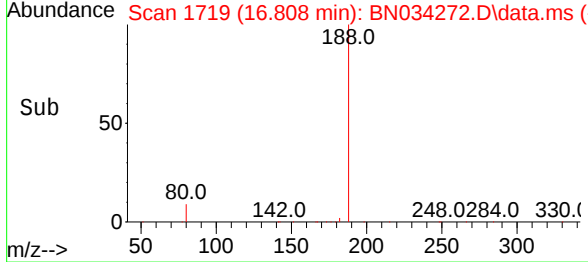
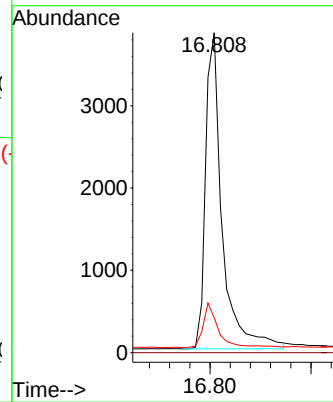
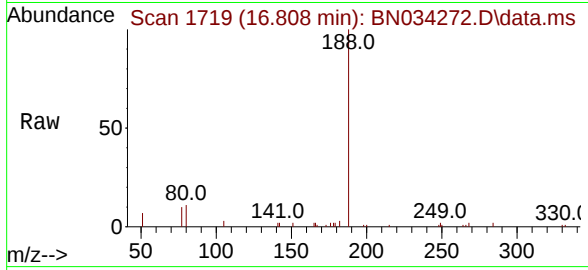
Tgt Ion:188 Resp: 8775

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.9 7.4 11.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.141 ng

RT: 16.337 min Scan# 1681

Delta R.T. 0.030 min

Lab File: BN034272.D

Acq: 27 Sep 2024 09:46

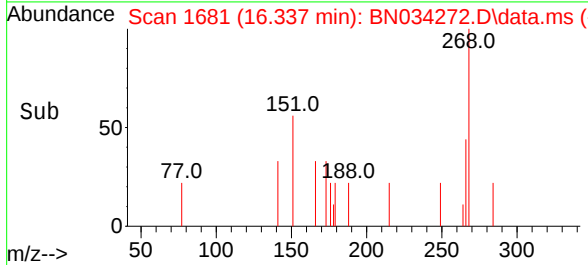
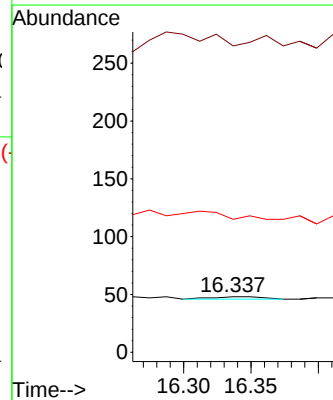
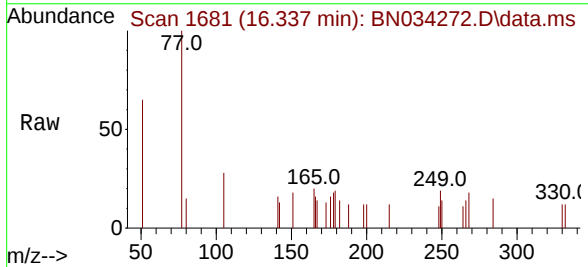
Tgt Ion:198 Resp: 5

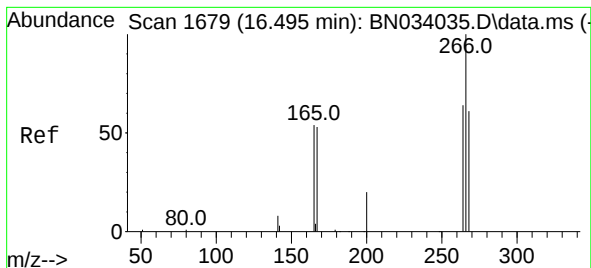
Ion Ratio Lower Upper

198 100

51 552.1 106.4 159.6#

105 239.6 38.5 57.7#





#24

Pentachlorophenol

Concen: 0.025 ng

RT: 16.473 min Scan# 1692

Delta R.T. 0.006 min

Lab File: BN034272.D

Acq: 27 Sep 2024 09:46

Instrument :

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ClientSampleId :

RE135D2-20240920

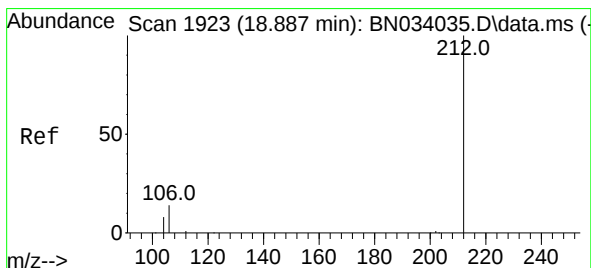
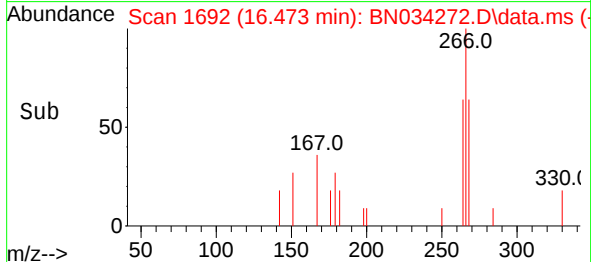
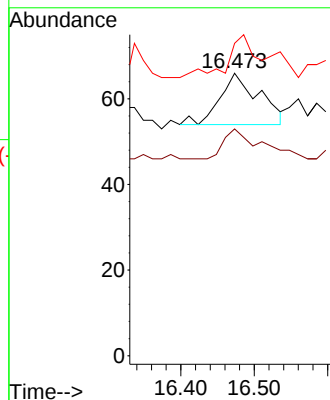
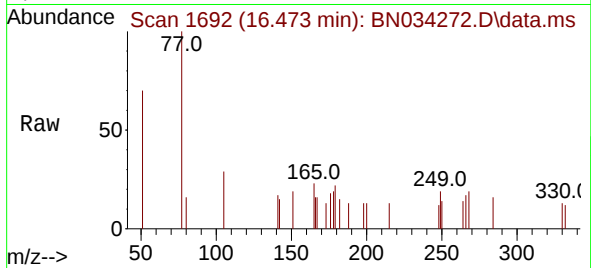
Tgt Ion:266 Resp: 45

Ion Ratio Lower Upper

266 100

264 55.6 50.2 75.2

268 40.0 51.0 76.4#



#27

Fluoranthene-d10

Concen: 0.471 ng

RT: 18.843 min Scan# 1928

Delta R.T. -0.002 min

Lab File: BN034272.D

Acq: 27 Sep 2024 09:46

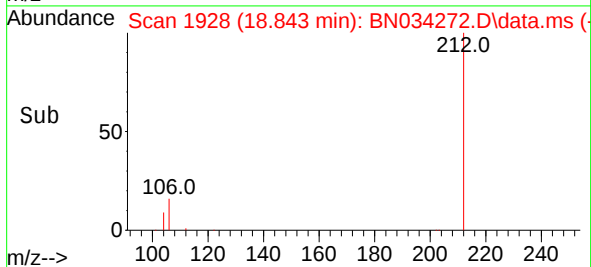
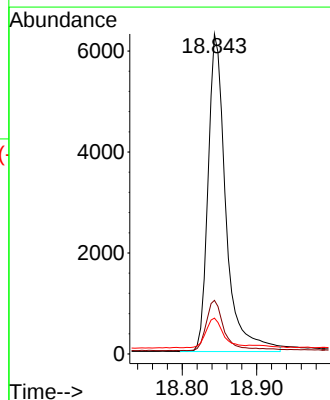
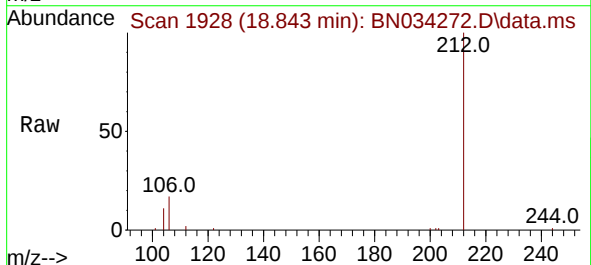
Tgt Ion:212 Resp: 10428

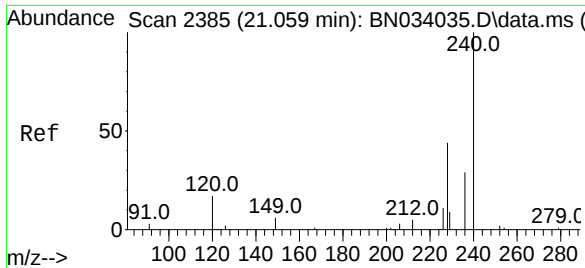
Ion Ratio Lower Upper

212 100

106 16.1 13.4 20.2

104 9.1 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.017 min Scan# 21

Delta R.T. 0.002 min

Lab File: BN034272.D

Acq: 27 Sep 2024 09:46

Instrument :

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ClientSampleId :

RE135D2-20240920

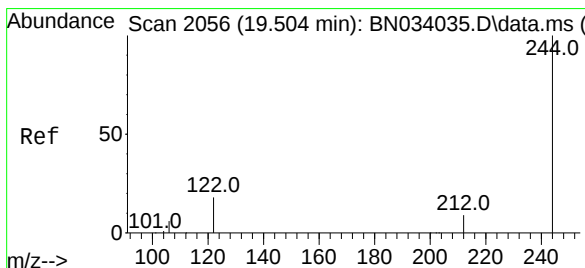
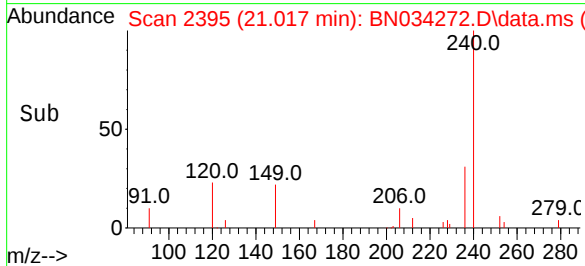
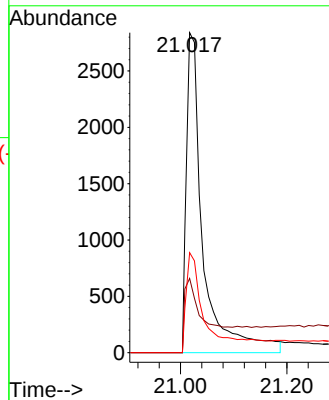
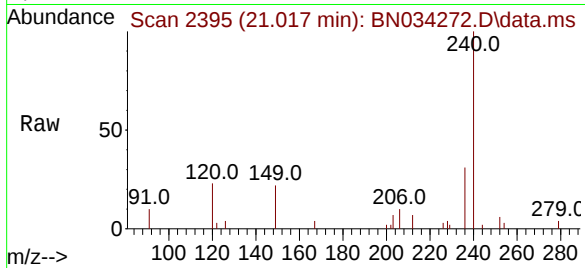
Tgt Ion:240 Resp: 6011

Ion Ratio Lower Upper

240 100

120 23.2 13.5 20.3#

236 31.3 23.4 35.0



#31

Terphenyl-d14

Concen: 0.580 ng

RT: 19.466 min Scan# 2062

Delta R.T. -0.002 min

Lab File: BN034272.D

Acq: 27 Sep 2024 09:46

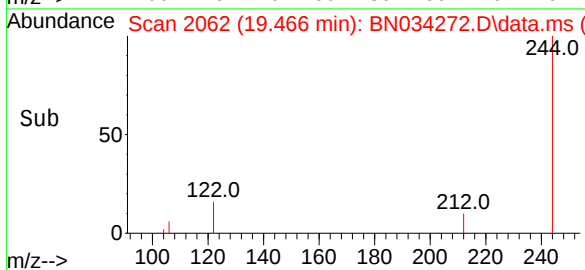
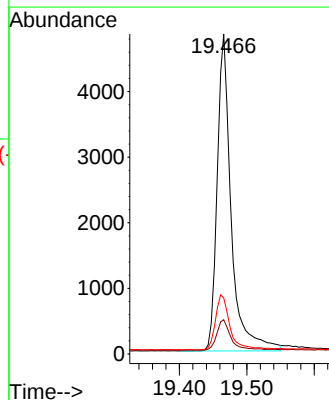
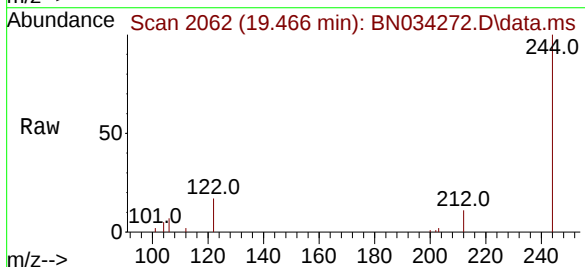
Tgt Ion:244 Resp: 6965

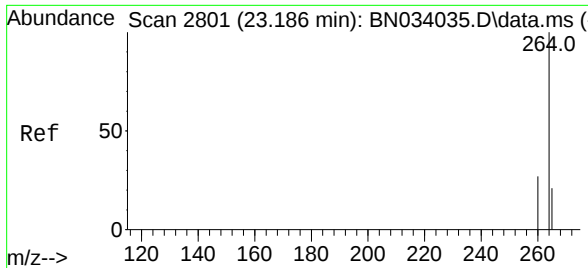
Ion Ratio Lower Upper

244 100

212 10.7 7.8 11.6

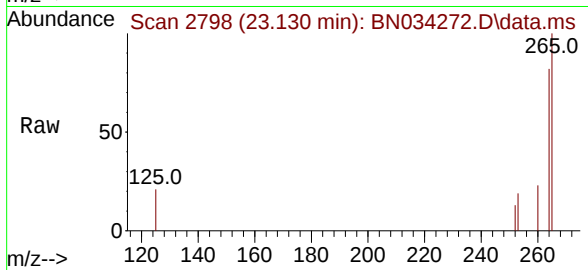
122 17.5 14.8 22.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.130 min Scan# 21
Delta R.T. 0.002 min
Lab File: BN034272.D
Acq: 27 Sep 2024 09:46

Instrument :
BNA_N
ClientSampleId :
RE135D2-20240920



Tgt Ion:264 Resp: 5391
Ion Ratio Lower Upper
264 100
260 27.6 21.7 32.5
265 121.4 52.1 78.1#

