

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050824\
 Data File : BN031441.D
 Acq On : 08 May 2024 15:52
 Operator : MA/JU
 Sample : PB160578BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB160578BL

Quant Time: May 08 16:30:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 07 17:14:43 2024
 Response via : Initial Calibration

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

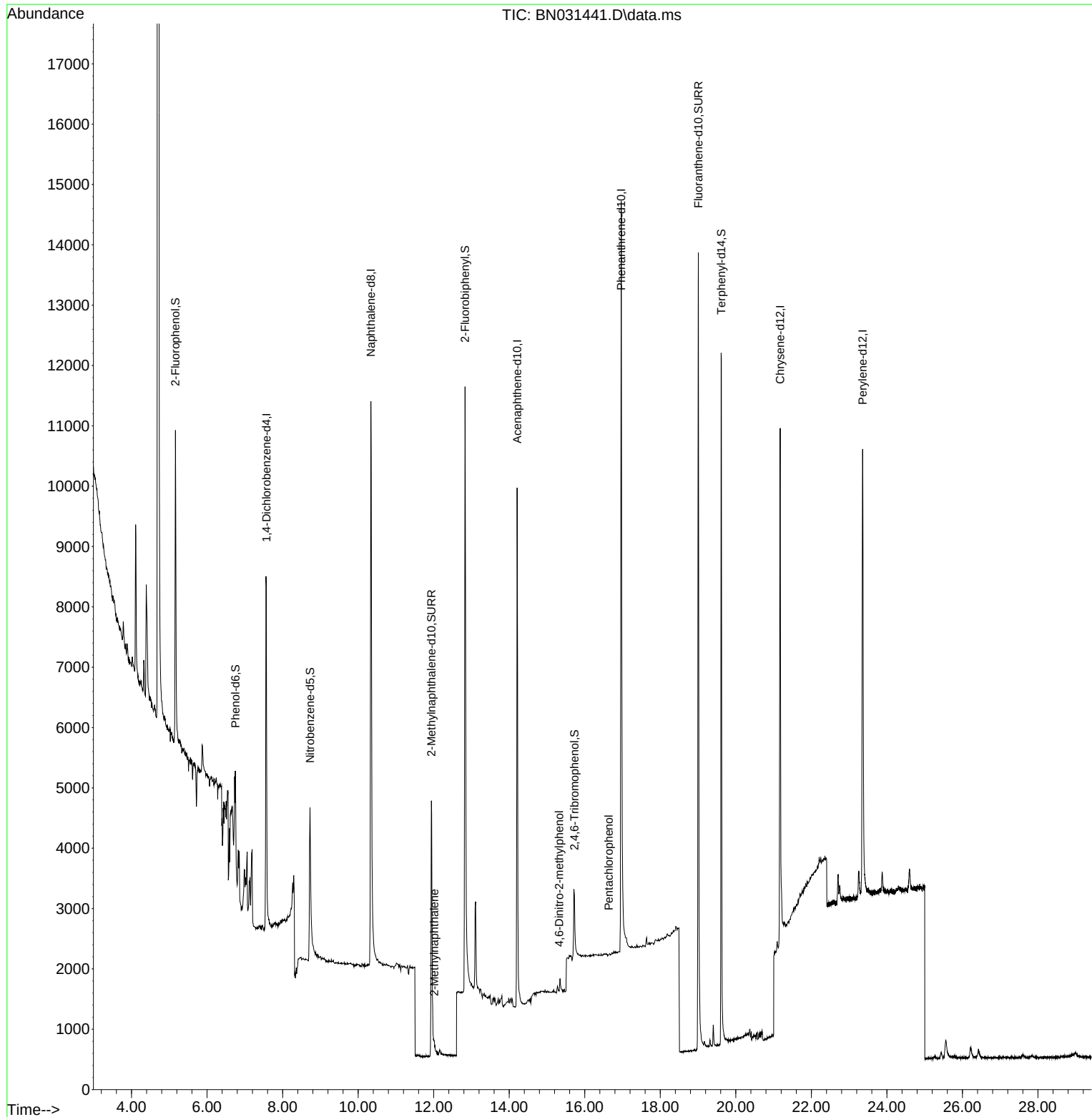
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.567	152	3229	0.400	ng	0.00
7) Naphthalene-d8	10.336	136	16070	0.400	ng	0.00
13) Acenaphthene-d10	14.210	164	5267	0.400	ng	0.00
19) Phenanthrene-d10	16.967	188	19814	0.400	ng	0.00
29) Chrysene-d12	21.175	240	9357	0.400	ng	0.00
35) Perylene-d12	23.358	264	10456	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.162	112	4563	0.603	ng	0.00
5) Phenol-d6	6.751	99	2871	0.320	ng	0.00
8) Nitrobenzene-d5	8.723	82	3212	0.228	ng	0.01
11) 2-Methylnaphthalene-d10	11.941	152	7478	0.427	ng	0.00
14) 2,4,6-Tribromophenol	15.725	330	891	0.342	ng	0.01
15) 2-Fluorobiphenyl	12.831	172	11325	0.581	ng	0.00
27) Fluoranthene-d10	19.007	212	16767	0.313	ng	0.00
31) Terphenyl-d14	19.616	244	12613	0.531	ng	0.00
Target Compounds						
12) 2-Methylnaphthalene	12.013	142	66	0.173	ng	# 33
20) 4,6-Dinitro-2-methylph...	15.322	198	6	0.024	ng	# 1
24) Pentachlorophenol	16.631	266	16	0.165	ng	# 1
30) Pyrene	19.402	202	337	Below Cal		96

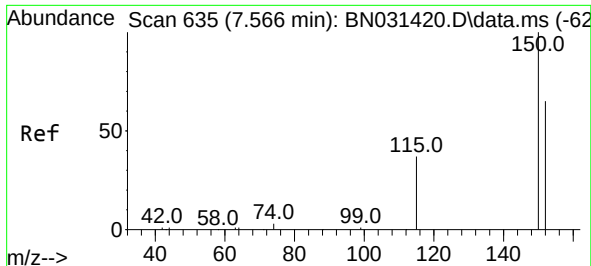
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050824\
Data File : BN031441.D
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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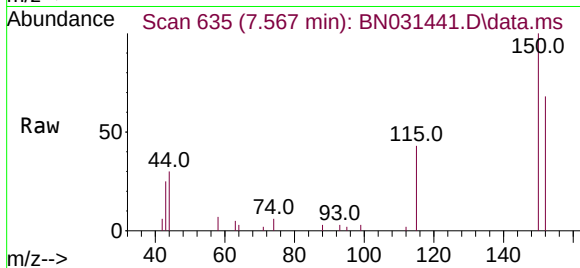
Quant Time: May 08 16:30:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 17:14:43 2024
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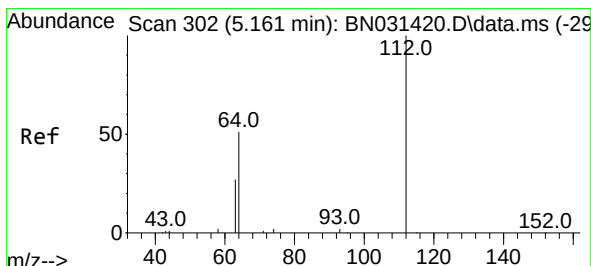
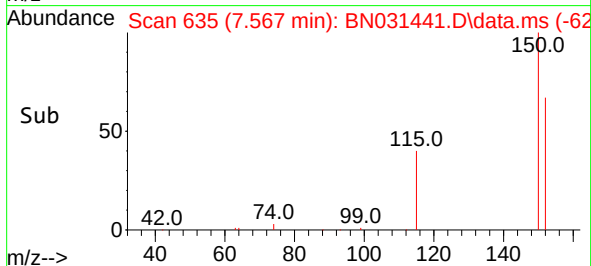
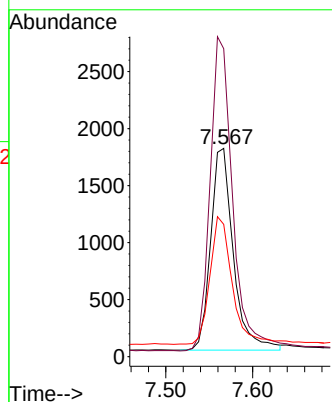
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.567 min Scan# 635
 Delta R.T. 0.001 min
 Lab File: BN031441.D
 Acq: 08 May 2024 15:52

Instrument :
 BNA_N
 ClientSampleId :
 PB160578BL



Tgt Ion:152 Resp: 3229

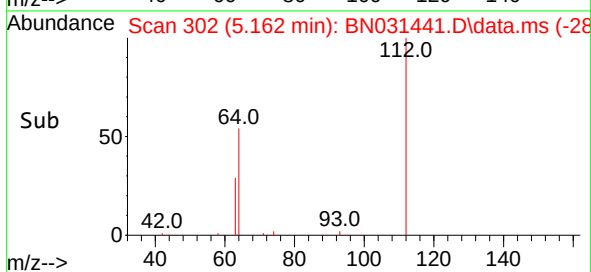
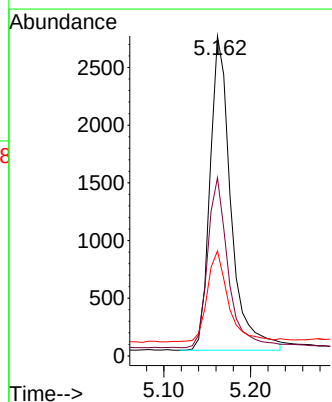
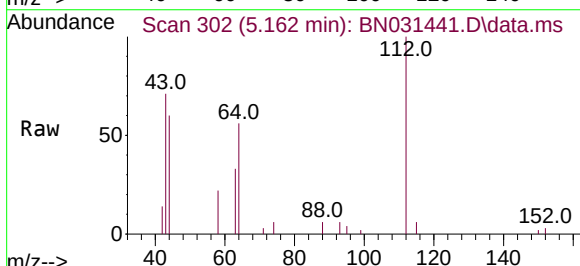
Ion	Ratio	Lower	Upper
152	100		
150	147.8	122.2	183.2
115	63.5	47.8	71.6

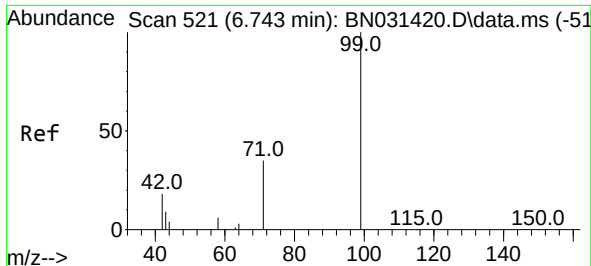


#4
 2-Fluorophenol
 Concen: 0.603 ng
 RT: 5.162 min Scan# 302
 Delta R.T. 0.000 min
 Lab File: BN031441.D
 Acq: 08 May 2024 15:52

Tgt Ion:112 Resp: 4563

Ion	Ratio	Lower	Upper
112	100		
64	53.5	42.4	63.6
63	29.3	22.6	34.0

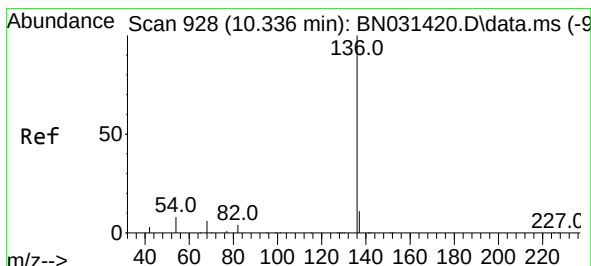
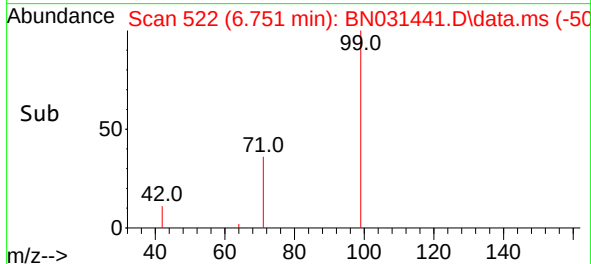
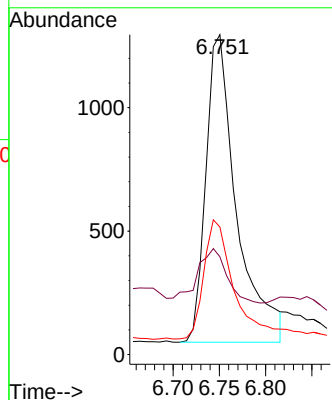
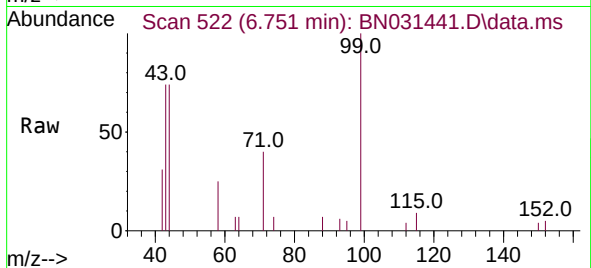




#5
Phenol-d6
Concen: 0.320 ng
RT: 6.751 min Scan# 521
Delta R.T. 0.007 min
Lab File: BN031441.D
Acq: 08 May 2024 15:52

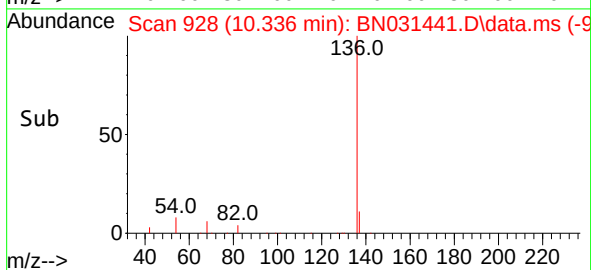
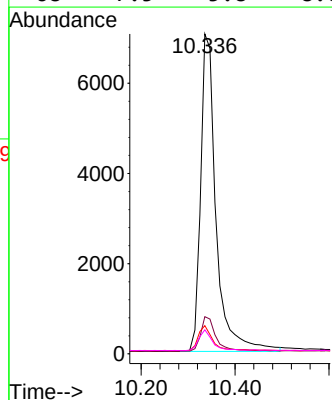
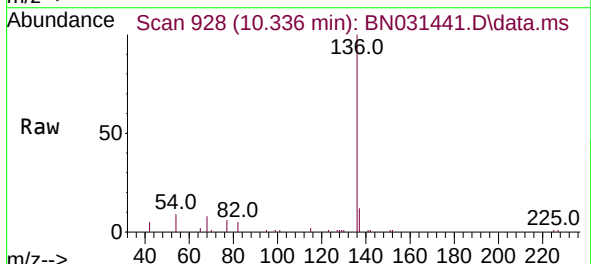
Instrument :
BNA_N
ClientSampleId :
PB160578BL

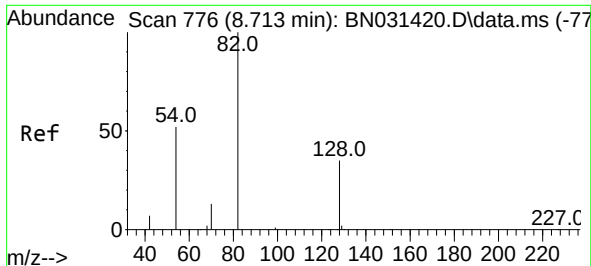
Tgt Ion: 99 Resp: 2871
Ion Ratio Lower Upper
99 100
42 17.1 15.8 23.8
71 37.9 27.8 41.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.336 min Scan# 928
Delta R.T. 0.000 min
Lab File: BN031441.D
Acq: 08 May 2024 15:52

Tgt Ion: 136 Resp: 16070
Ion Ratio Lower Upper
136 100
137 11.6 9.6 14.4
54 8.8 7.2 10.8
68 7.5 5.8 8.6

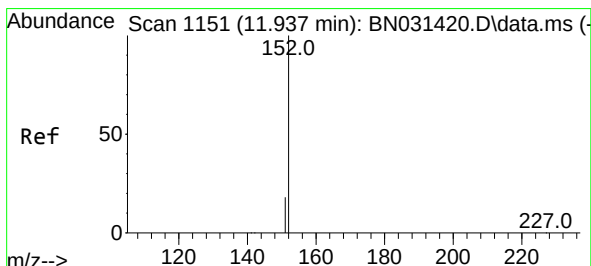
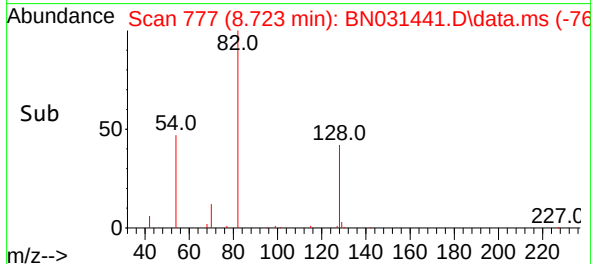
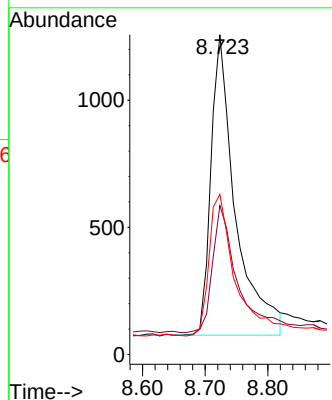
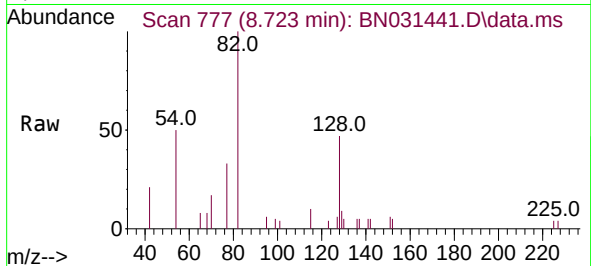




#8
Nitrobenzene-d5
Concen: 0.228 ng
RT: 8.723 min Scan# 711
Delta R.T. 0.011 min
Lab File: BN031441.D
Acq: 08 May 2024 15:52

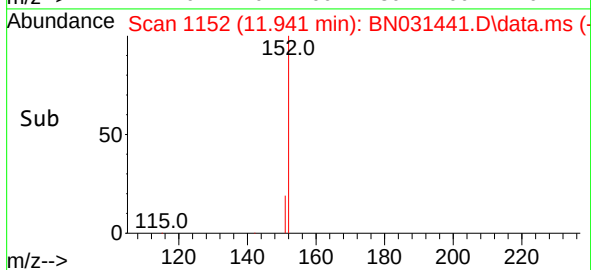
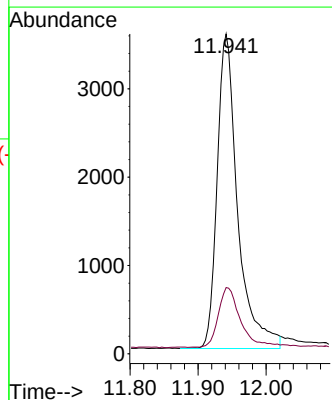
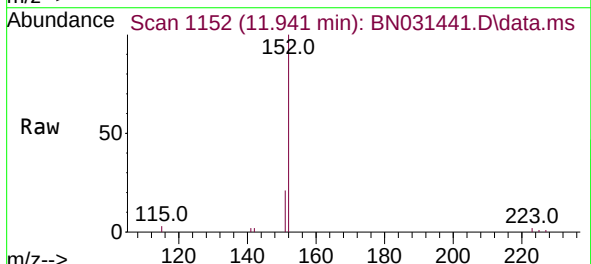
Instrument :
BNA_N
ClientSampleId :
PB160578BL

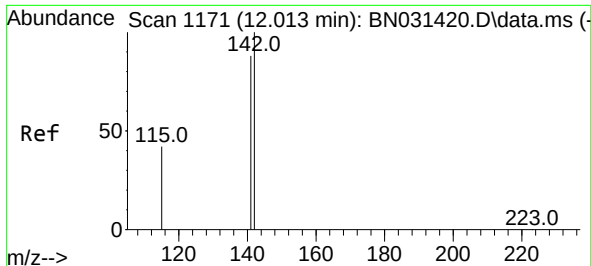
Tgt Ion: 82 Resp: 3212
Ion Ratio Lower Upper
82 100
128 46.6 30.0 45.0#
54 50.1 43.4 65.0



#11
2-Methylnaphthalene-d10
Concen: 0.427 ng
RT: 11.941 min Scan# 1152
Delta R.T. 0.004 min
Lab File: BN031441.D
Acq: 08 May 2024 15:52

Tgt Ion: 152 Resp: 7478
Ion Ratio Lower Upper
152 100
151 20.3 16.7 25.1

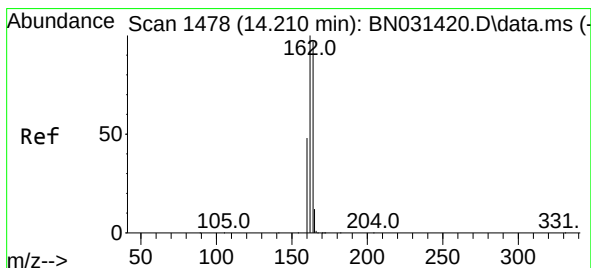
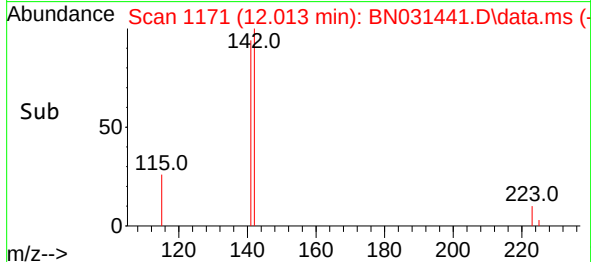
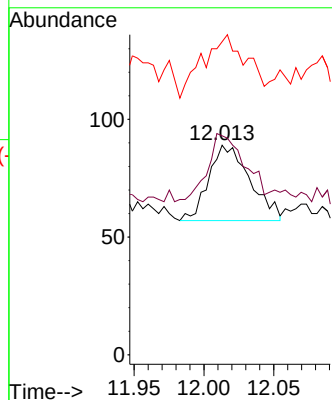
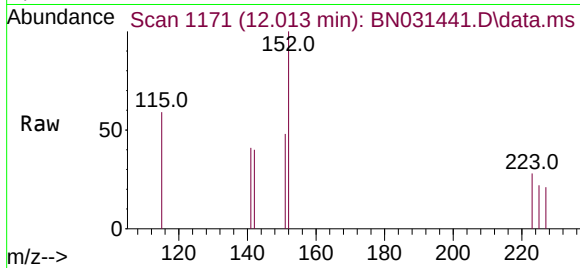




#12
2-Methylnaphthalene
Concen: 0.173 ng
RT: 12.013 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BN031441.D
Acq: 08 May 2024 15:52

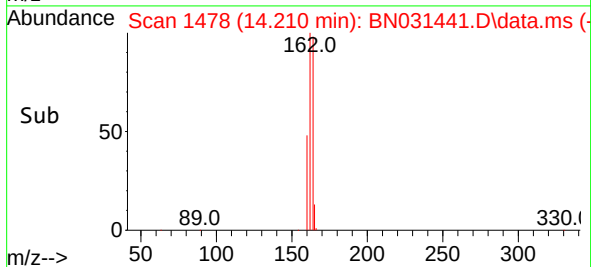
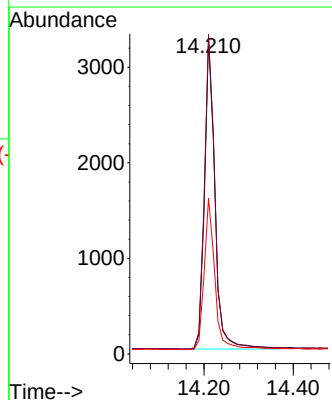
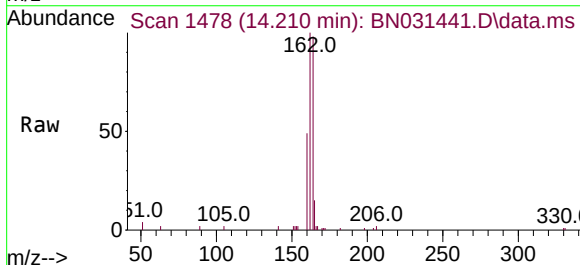
Instrument :
BNA_N
ClientSampleId :
PB160578BL

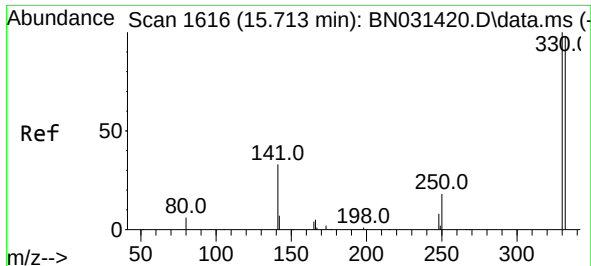
Tgt Ion:142 Resp: 66
Ion Ratio Lower Upper
142 100
141 104.5 70.2 105.2
115 149.4 34.2 51.4#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.210 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BN031441.D
Acq: 08 May 2024 15:52

Tgt Ion:164 Resp: 5267
Ion Ratio Lower Upper
164 100
162 101.9 82.3 123.5
160 49.6 40.2 60.2

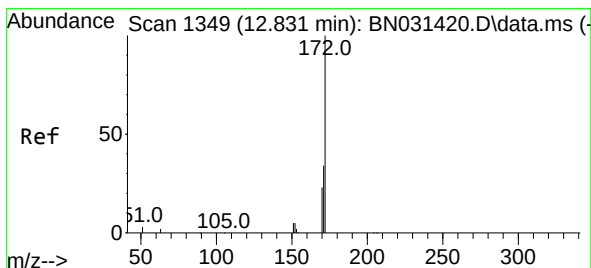
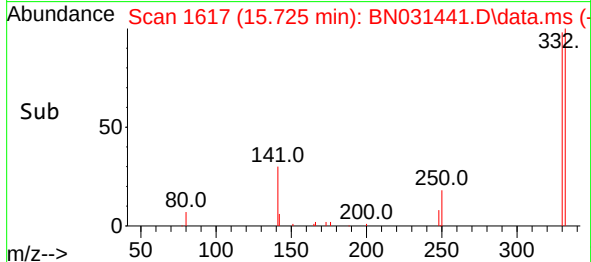
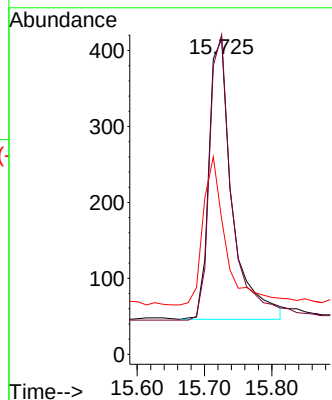
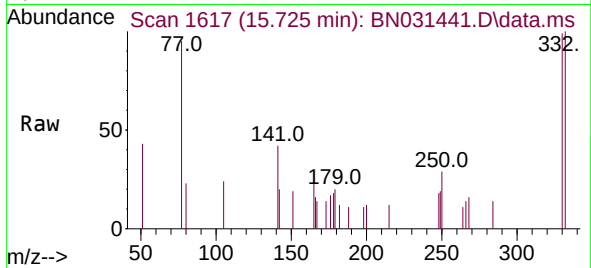




#14
2,4,6-Tribromophenol
Concen: 0.342 ng
RT: 15.725 min Scan# 1617
Delta R.T. 0.012 min
Lab File: BN031441.D
Acq: 08 May 2024 15:52

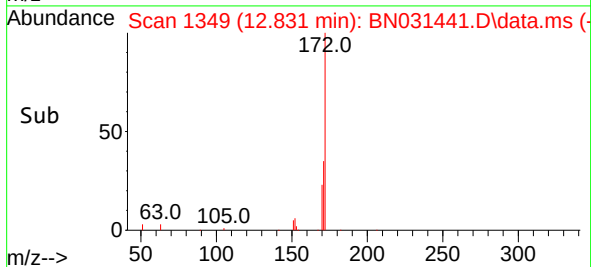
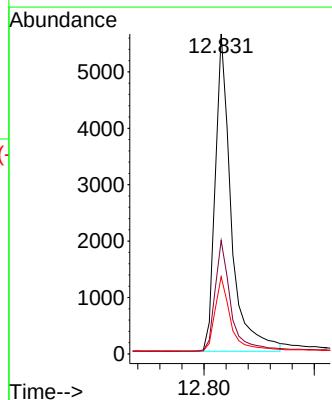
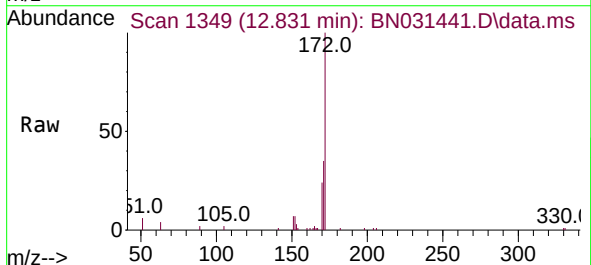
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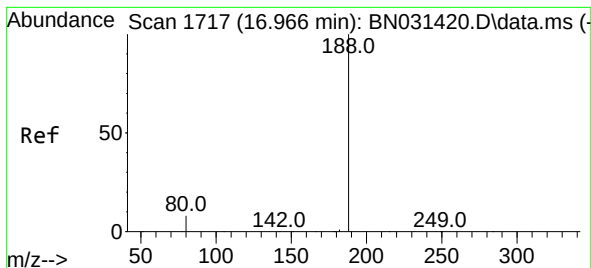
Tgt Ion:330 Resp: 891
Ion Ratio Lower Upper
330 100
332 98.4 77.5 116.3
141 51.3 39.3 58.9



#15
2-Fluorobiphenyl
Concen: 0.581 ng
RT: 12.831 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BN031441.D
Acq: 08 May 2024 15:52

Tgt Ion:172 Resp: 11325
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 24.1 18.9 28.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.967 min Scan# 1717

Delta R.T. 0.000 min

Lab File: BN031441.D

Acq: 08 May 2024 15:52

Instrument :

BNA_N

ClientSampleId :

PB160578BL

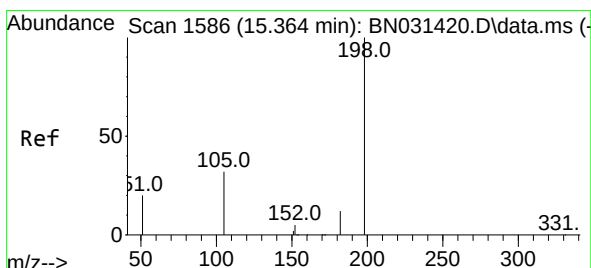
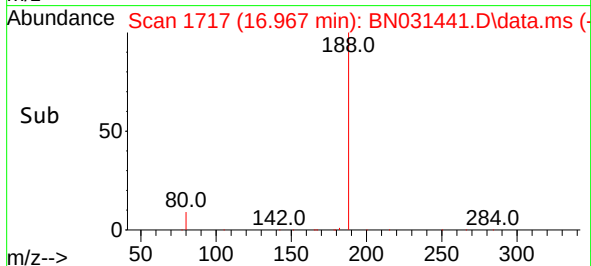
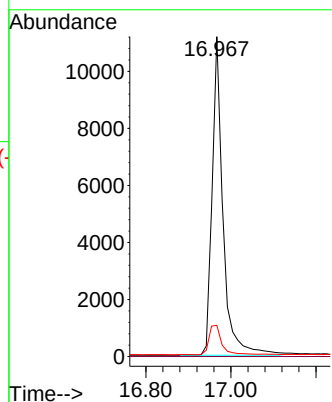
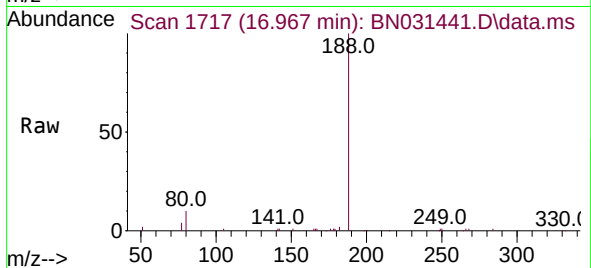
Tgt Ion:188 Resp: 19814

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.8 6.8 10.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.024 ng

RT: 15.322 min Scan# 1582

Delta R.T. -0.042 min

Lab File: BN031441.D

Acq: 08 May 2024 15:52

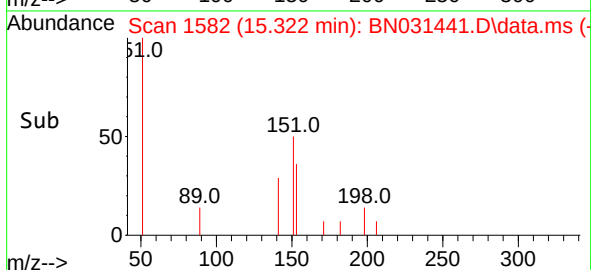
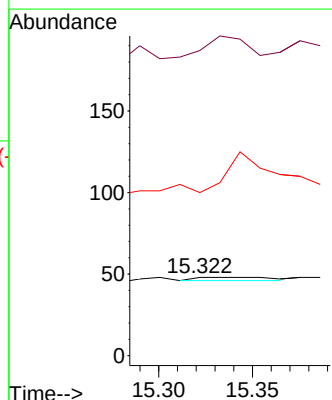
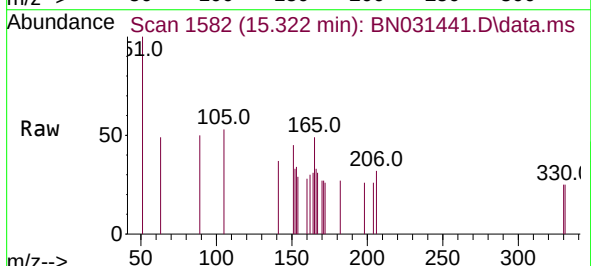
Tgt Ion:198 Resp: 6

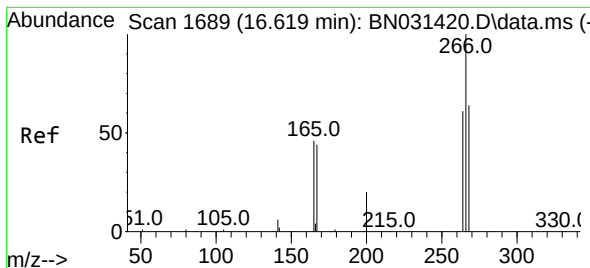
Ion Ratio Lower Upper

198 100

51 389.6 47.4 71.2#

105 208.3 35.7 53.5#





#24

Pentachlorophenol

Concen: 0.165 ng

RT: 16.631 min Scan# 1690

Delta R.T. 0.012 min

Lab File: BN031441.D

Acq: 08 May 2024 15:52

Instrument :

BNA_N

ClientSampleId :

PB160578BL

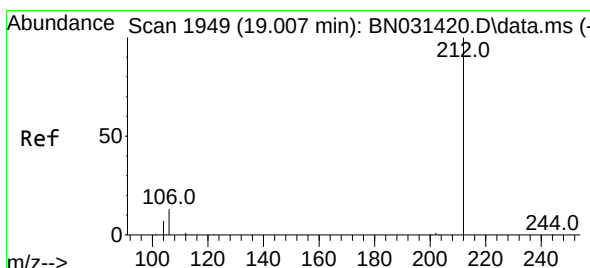
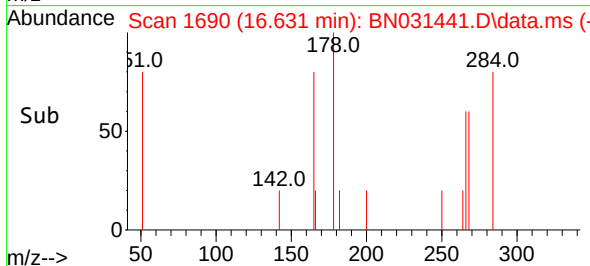
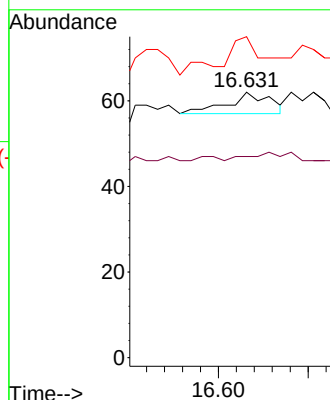
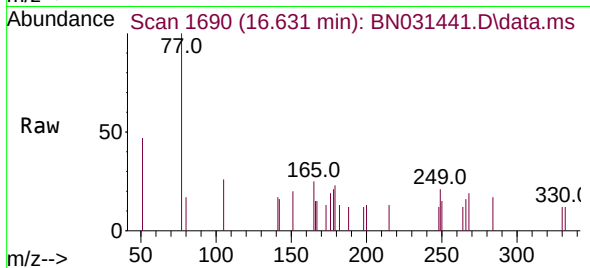
Tgt Ion:266 Resp: 16

Ion Ratio Lower Upper

266 100

264 0.0 49.0 73.4#

268 162.5 51.0 76.4#



#27

Fluoranthene-d10

Concen: 0.313 ng

RT: 19.007 min Scan# 1949

Delta R.T. 0.000 min

Lab File: BN031441.D

Acq: 08 May 2024 15:52

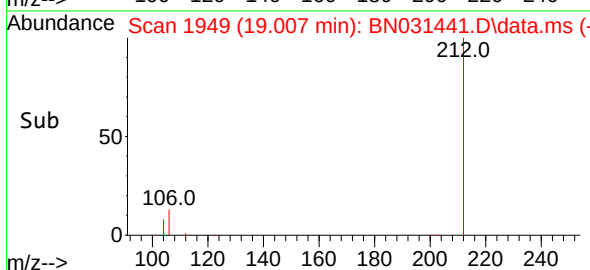
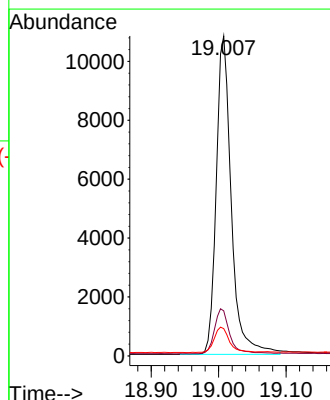
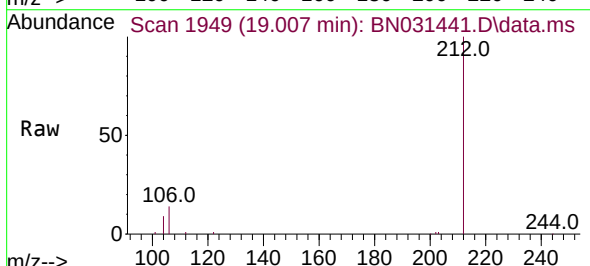
Tgt Ion:212 Resp: 16767

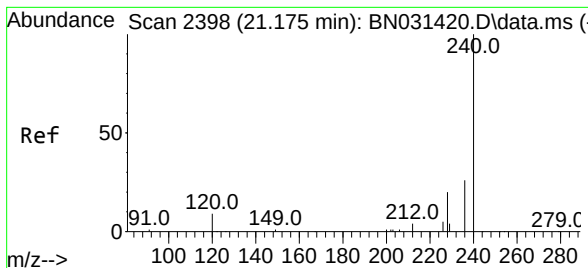
Ion Ratio Lower Upper

212 100

106 14.4 11.5 17.3

104 8.0 6.4 9.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.175 min Scan# 2398

Delta R.T. 0.000 min

Lab File: BN031441.D

Acq: 08 May 2024 15:52

Instrument :

BNA_N

ClientSampleId :

PB160578BL

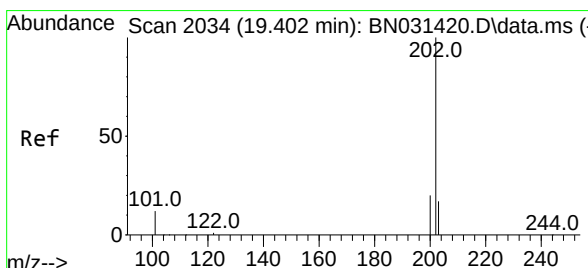
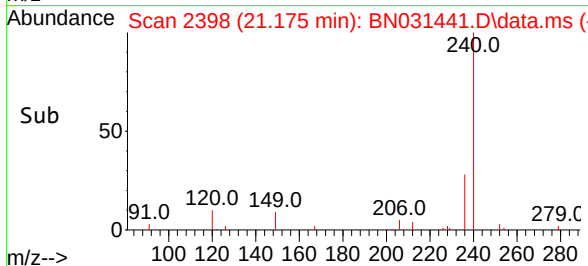
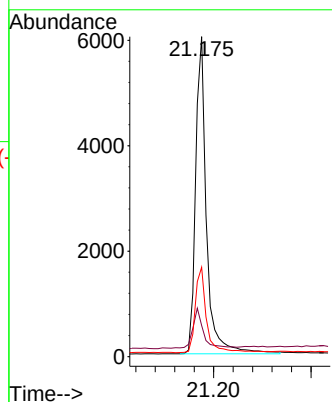
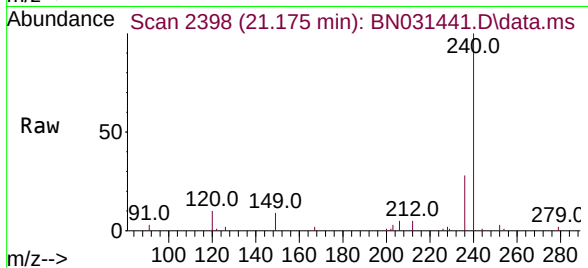
Tgt Ion:240 Resp: 9357

Ion Ratio Lower Upper

240 100

120 9.7 7.9 11.9

236 27.9 21.4 32.2



#30

Pyrene

Concen: Below Cal

RT: 19.402 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BN031441.D

Acq: 08 May 2024 15:52

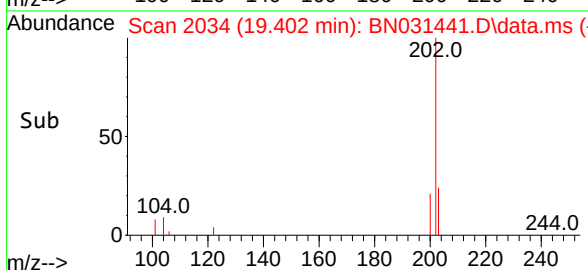
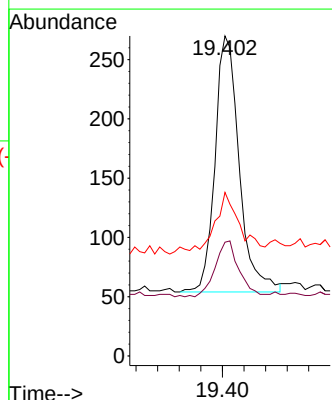
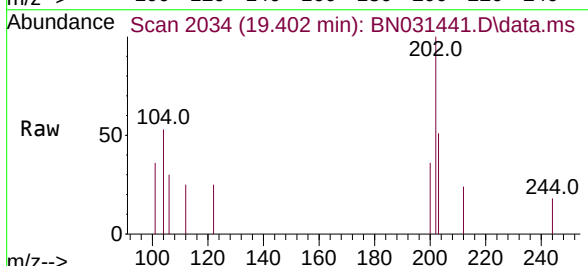
Tgt Ion:202 Resp: 337

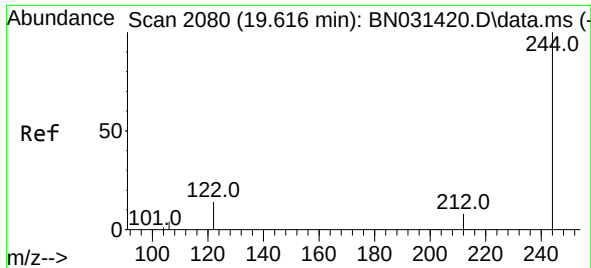
Ion Ratio Lower Upper

202 100

200 21.4 16.6 24.8

203 21.1 14.3 21.5

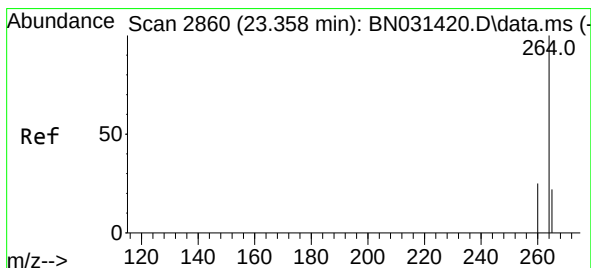
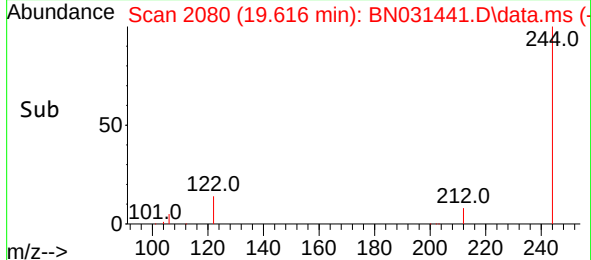
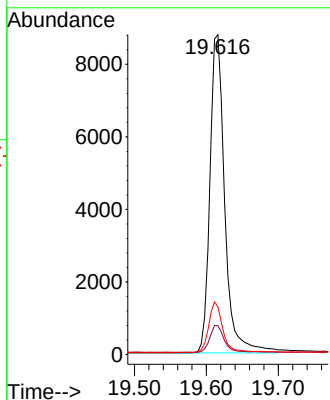
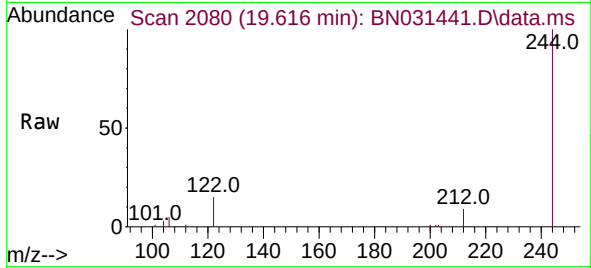




#31
Terphenyl-d14
Concen: 0.531 ng
RT: 19.616 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BN031441.D
Acq: 08 May 2024 15:52

Instrument :
BNA_N
ClientSampleId :
PB160578BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.9	10.3
122	15.0	11.4	17.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.358 min Scan# 2860
Delta R.T. 0.000 min
Lab File: BN031441.D
Acq: 08 May 2024 15:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.2	30.4
265	59.1	43.4	65.2

