

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
 Data File : BN011592.D
 Acq On : 22 Aug 2020 18:09
 Operator : CG/JU
 Sample : L3729-18MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COMP-5-(4-5)MSD

Quant Time: Aug 24 01:25:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 22 04:52:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	2024	0.40	ng	0.00
7) Naphthalene-d8	10.14	136	7169	0.40	ng	-0.01
13) Acenaphthene-d10	14.03	164	4732	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	8619	0.40	ng	-0.01
29) Chrysene-d12	21.00	240	6438	0.40	ng	-0.01
36) Perylene-d12	23.09	264	6167	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.07	112	1578	0.37	ng	0.00
5) Phenol-d6	6.61	99	1693	0.39	ng	-0.02
8) Nitrobenzene-d5	8.53	82	2435	0.52	ng	-0.03
11) 2-Methylnaphthalene-d10	11.73	152	3745	0.29	ng	-0.02
14) 2,4,6-Tribromophenol	15.54	330	604	0.26	ng	-0.01
15) 2-Fluorobiphenyl	12.63	172	8160	0.42	ng	-0.03
27) Fluoranthene-d10	18.82	212	5627	0.19	ng	-0.01
31) Terphenyl-d14	19.44	244	8269	0.49	ng	-0.01

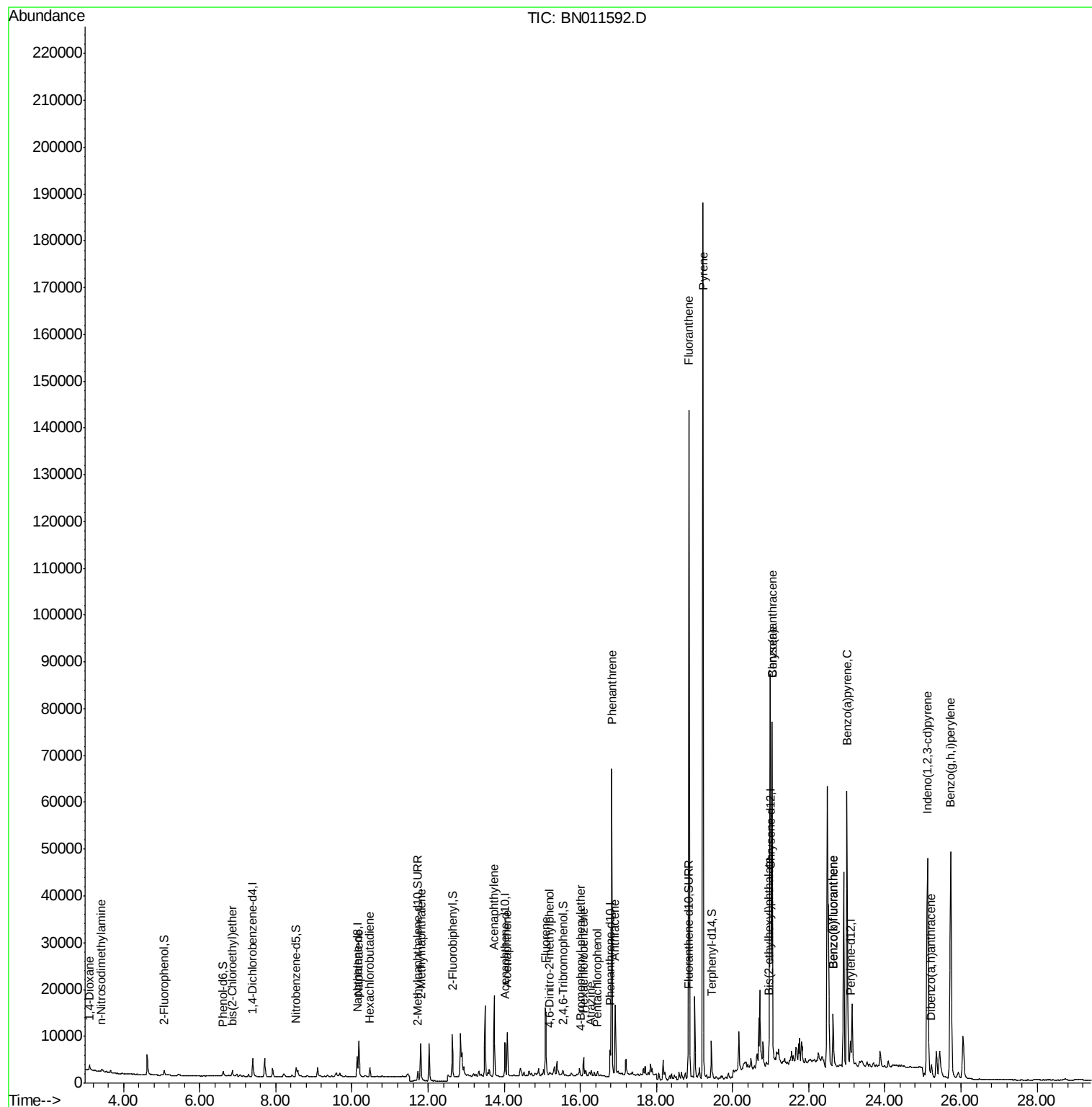
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.11	88	817	0.295	ng	# 100
3) n-Nitrosodimethylamine	3.43	42	426	0.374	ng	# 80
6) bis(2-Chloroethyl)ether	6.85	93	1351	0.317	ng	# 80
9) Naphthalene	10.17	128	11790	0.568	ng	97
10) Hexachlorobutadiene	10.47	225	1605	0.276	ng	# 99
12) 2-Methylnaphthalene	11.81	142	6637	0.464	ng	99
16) Acenaphthylene	13.74	152	19375	0.805	ng	100
17) Acenaphthene	14.08	154	5464	0.346	ng	99
18) Fluorene	15.08	166	9546	0.457	ng	95
20) 4,6-Dinitro-2-methylphenol	15.19	198	449	0.437	ng	# 71
21) 4-Bromophenyl-phenylether	16.02	248	273	0.145	ng	# 75
22) Hexachlorobenzene	16.09	284	1928	0.290	ng	98
23) Atrazine	16.27	200	1249	0.279	ng	99
24) Pentachlorophenol	16.44	266	389	0.188	ng	93
25) Phenanthrene	16.82	178	67567	2.490	ng	100
26) Anthracene	16.91	178	19631	0.867	ng	98
28) Fluoranthene	18.85	202	133848	3.835	ng	99
30) Pyrene	19.22	202	165154	6.450	ng	99
32) Benzo(a)anthracene	21.04	228	64239	3.038	ng	95
33) Chrysene	21.04	228	63710	2.648	ng	99
34) Bis(2-ethylhexyl)phthalate	20.95	149	4090	0.426	ng	100
35) Indeno(1,2,3-cd)pyrene	25.11	276	75396	3.451	ng	97
37) Benzo(b)fluoranthene	22.64	252	13503	0.592	ng	94
38) Benzo(k)fluoranthene	22.64	252	15662	0.577	ng	94
39) Benzo(a)pyrene	23.00	252	76601	3.631	ng	# 74
40) Dibenzo(a,h)anthracene	25.23	278	3898	0.221	ng	97
41) Benzo(g,h,i)perylene	25.73	276	93708	4.454	ng	93

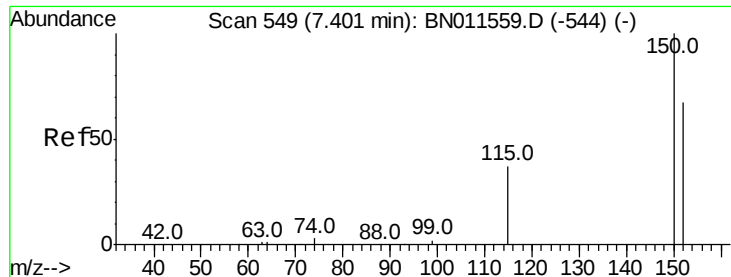
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.39 min Scan# 548

Delta R.T. -0.01 min

Lab File: BN011592.D

Acq: 22 Aug 2020 18:09

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MSD

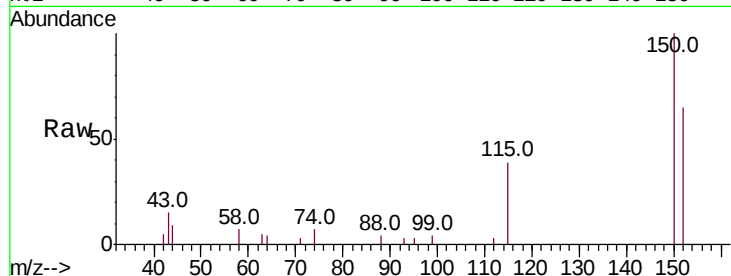
Tot Ion:152 Resp: 2024

Ion Ratio Lower Upper

152 100

150 152.7 117.1 175.7

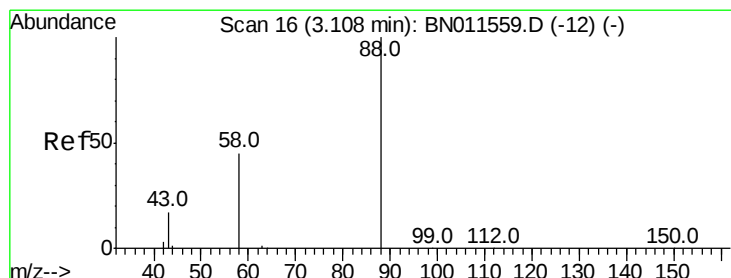
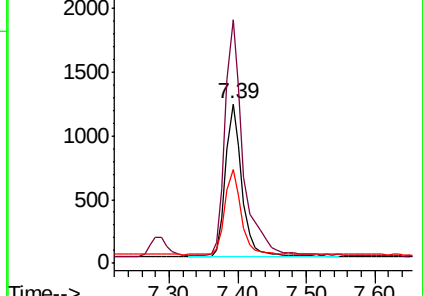
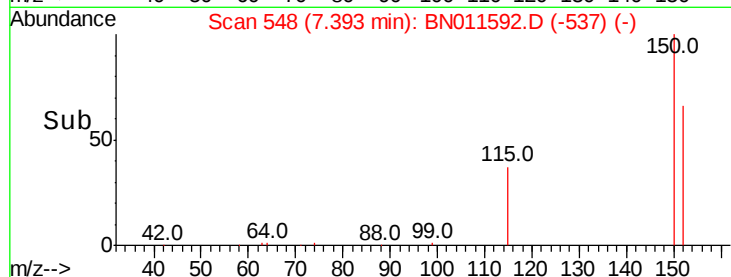
115 59.2 48.7 73.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.295 ng

RT: 3.11 min Scan# 16

Delta R.T. 0.00 min

Lab File: BN011592.D

Acq: 22 Aug 2020 18:09

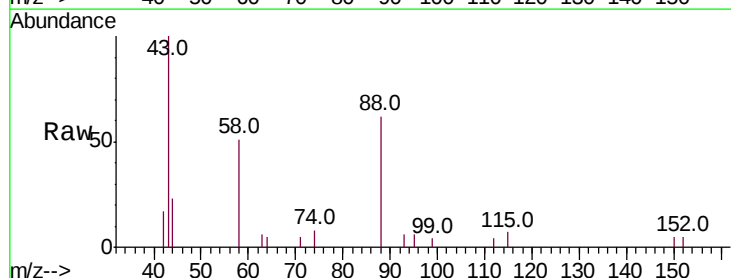
Tgt Ion: 88 Resp: 817

Ion Ratio Lower Upper

88 100

58 47.6 0.0 0.0#

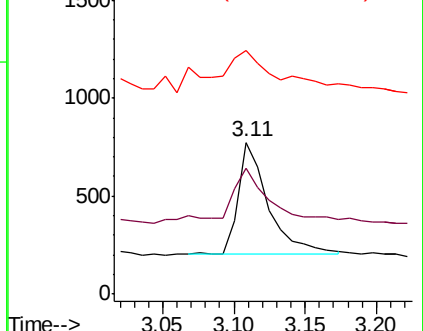
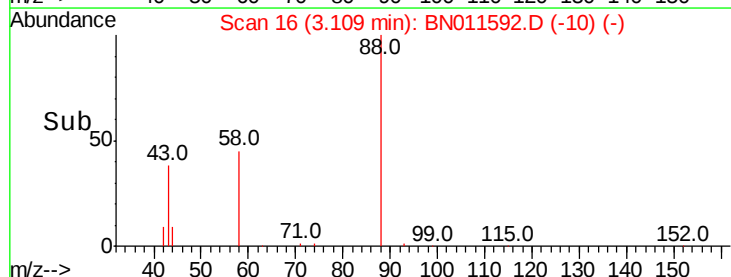
43 38.8 0.0 0.0#

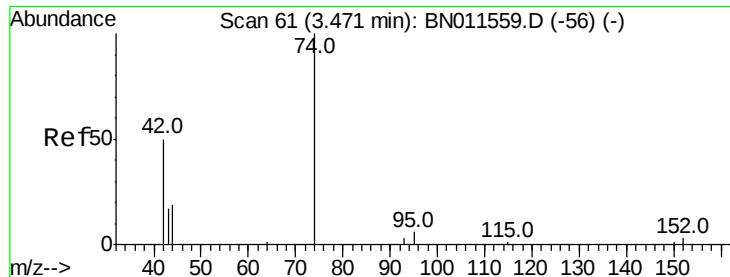


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.374 ng

RT: 3.43 min Scan# 56

Delta R.T. -0.04 min

Lab File: BN011592.D

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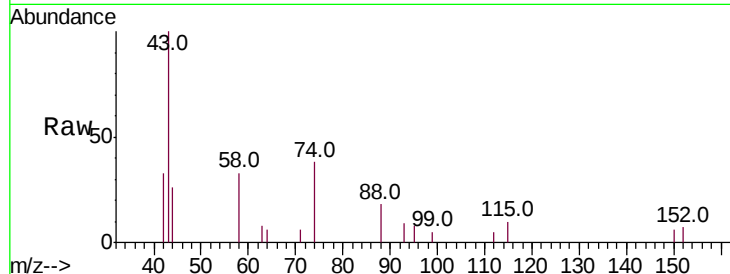
Tot Ion: 42 Resp: 426

Ion Ratio Lower Upper

42 100

74 235.7 169.0 253.4

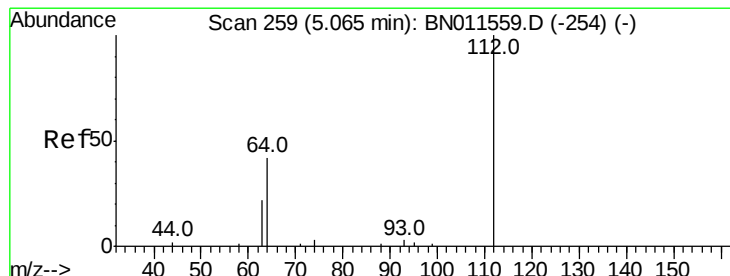
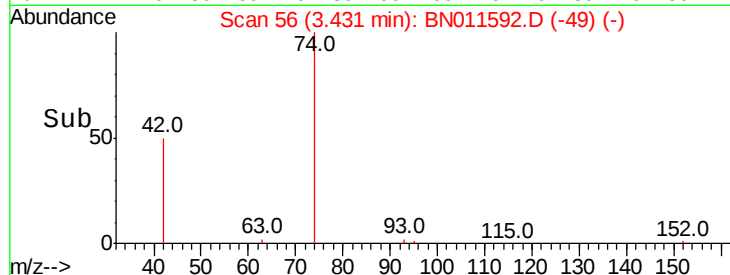
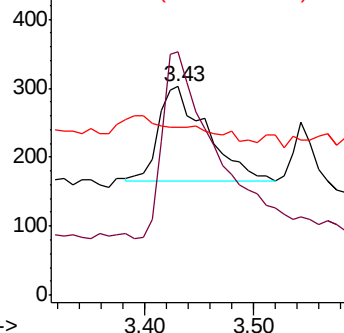
44 0.0 21.6 32.4#



Abundance Ion 42.00 (41.70 to 42.70): BN0

Ion 74.00 (73.70 to 74.70): BN0

Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.365 ng

RT: 5.07 min Scan# 259

Delta R.T. 0.00 min

Lab File: BN011592.D

Acq: 22 Aug 2020 18:09

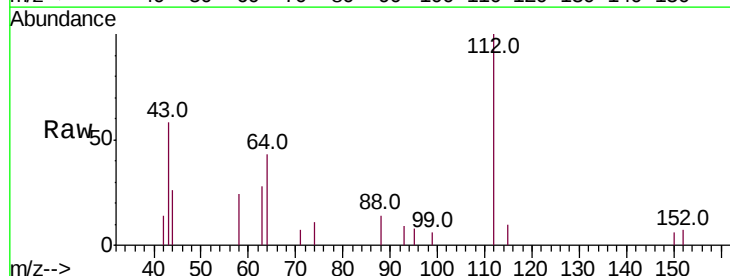
Tgt Ion: 112 Resp: 1578

Ion Ratio Lower Upper

112 100

64 42.9 33.9 50.9

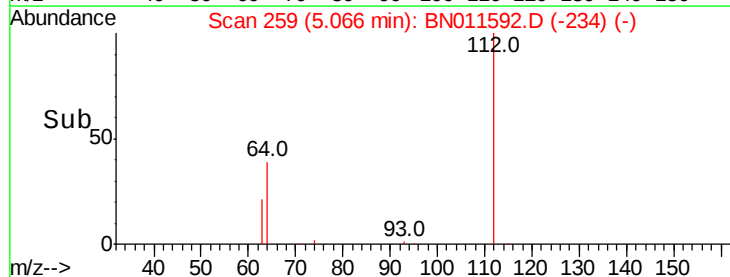
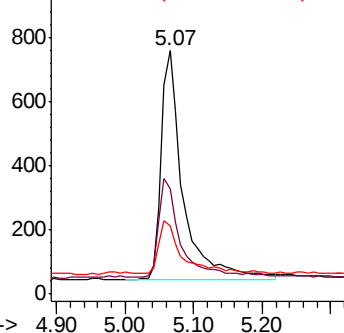
63 25.1 17.7 26.5

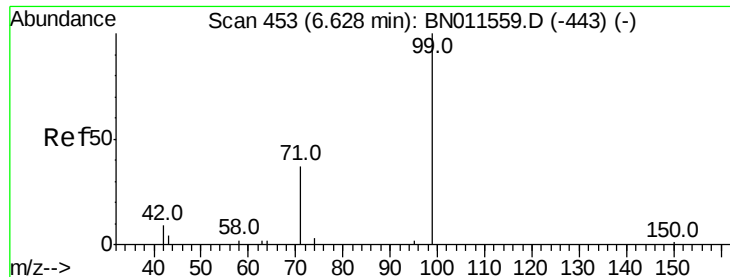


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.388 ng

RT: 6.61 min Scan# 451

Delta R.T. -0.02 min

Lab File: BN011592.D

Acq: 22 Aug 2020 18:09

Instrument :

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COMP-5-(4-5)MSD

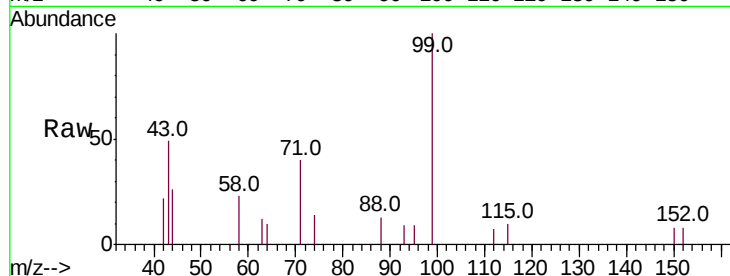
Tot Ion: 99 Resp: 1693

Ion Ratio Lower Upper

99 100

42 12.3 9.0 13.4

71 38.3 30.4 45.6



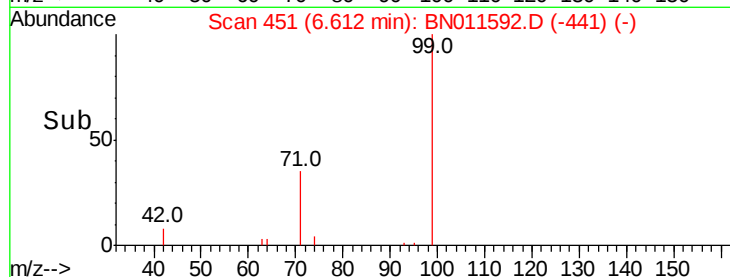
Abundance Ion 99.00 (98.70 to 99.70): BN011559.D (-443) (-)

Ion 42.00 (41.70 to 42.70): BN011559.D (-443) (-)

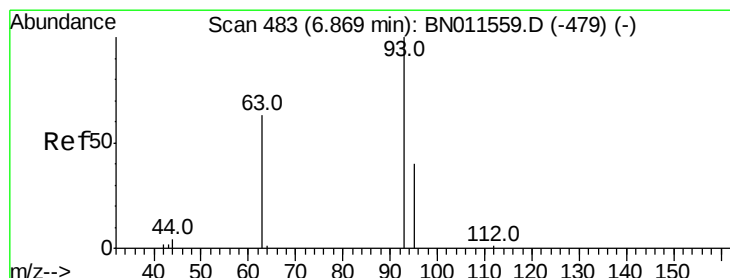
Ion 71.00 (70.70 to 71.70): BN011559.D (-443) (-)

6.61

Time-->



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.317 ng

RT: 6.85 min Scan# 481

Delta R.T. -0.02 min

Lab File: BN011592.D

Acq: 22 Aug 2020 18:09

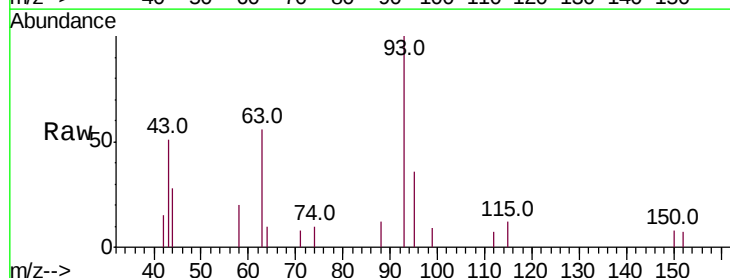
Tgt Ion: 93 Resp: 1351

Ion Ratio Lower Upper

93 100

63 58.4 32.9 49.3#

95 36.7 25.3 37.9



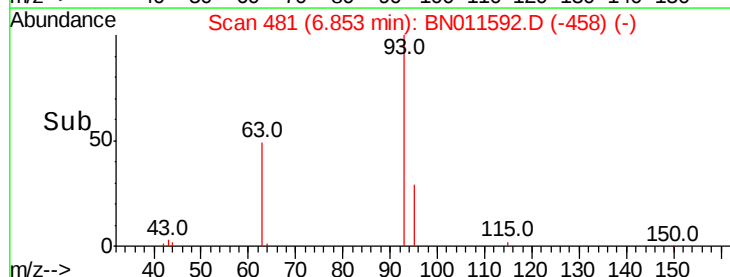
Abundance Ion 93.00 (92.70 to 93.70): BN011559.D (-479) (-)

Ion 63.00 (62.70 to 63.70): BN011559.D (-479) (-)

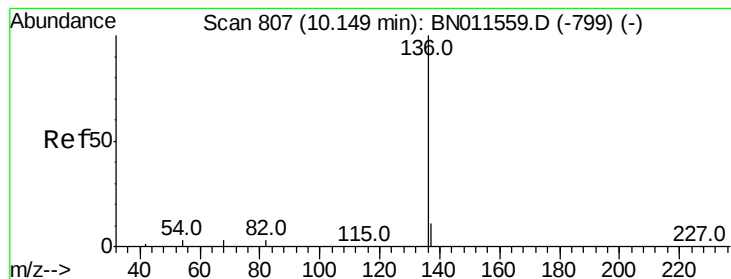
Ion 95.00 (94.70 to 95.70): BN011559.D (-479) (-)

6.85

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 806

Delta R.T. -0.01 min

Lab File: BN011592.D

Acq: 22 Aug 2020 18:09

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MSD

Tot Ion:136 Resp: 7169

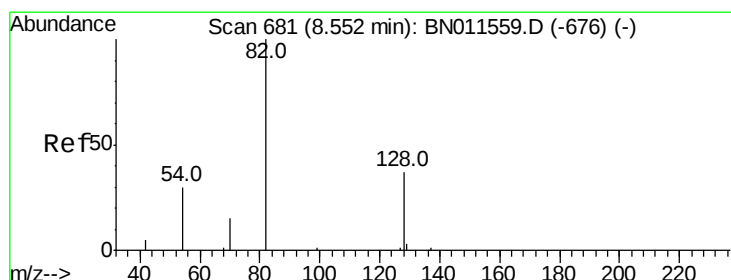
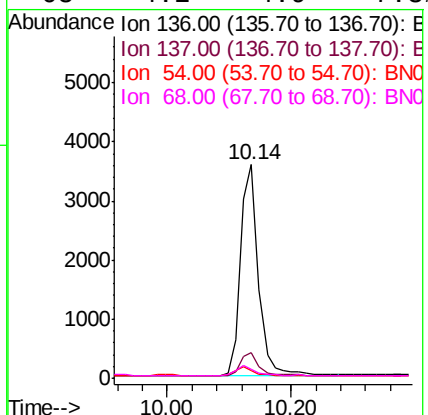
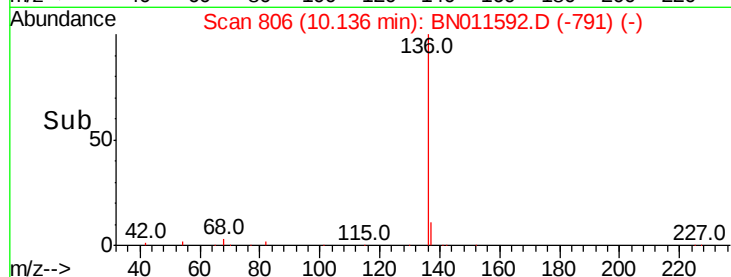
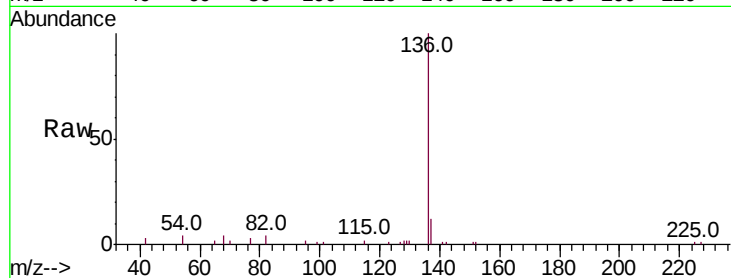
Ion Ratio Lower Upper

136 100

137 12.0 11.0 16.4

54 3.7 4.3 6.5#

68 4.2 4.9 7.3#



#8

Nitrobenzene-d5

Concen: 0.517 ng

RT: 8.53 min Scan# 679

Delta R.T. -0.03 min

Lab File: BN011592.D

Acq: 22 Aug 2020 18:09

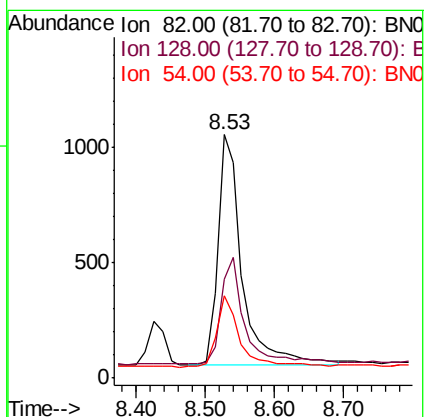
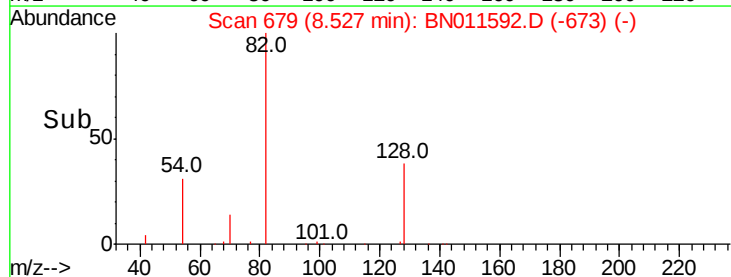
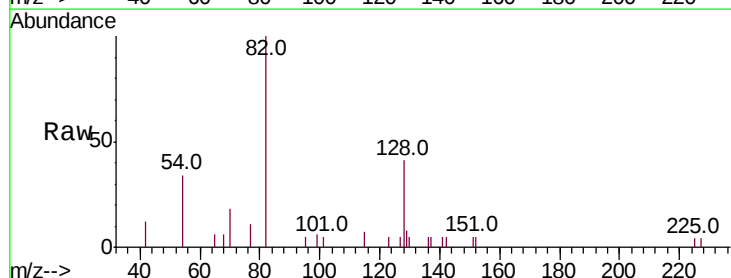
Tgt Ion: 82 Resp: 2435

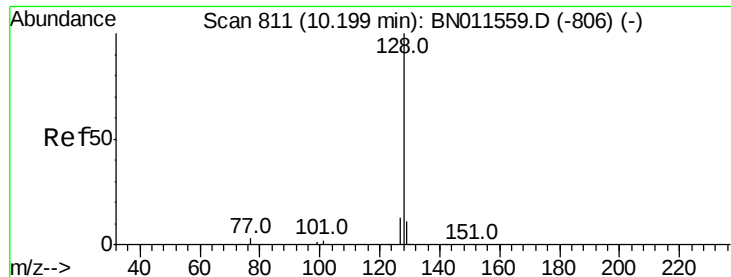
Ion Ratio Lower Upper

82 100

128 40.8 41.7 62.5#

54 33.6 34.4 51.6#





#9

Naphthalene

Concen: 0.568 ng

RT: 10.17 min Scan# 809

Delta R.T. -0.03 min

Lab File: BN011592.D

Acq: 22 Aug 2020 18:09

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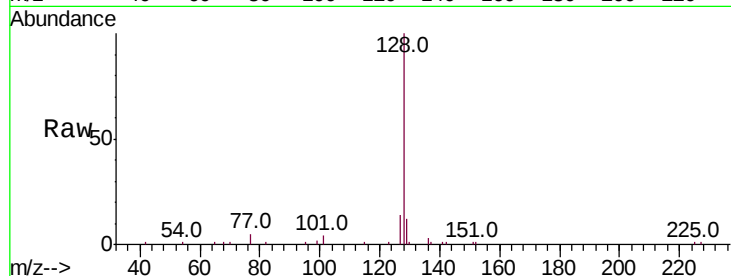
Tot Ion:128 Resp: 11790

Ion Ratio Lower Upper

128 100

129 11.8 10.8 16.2

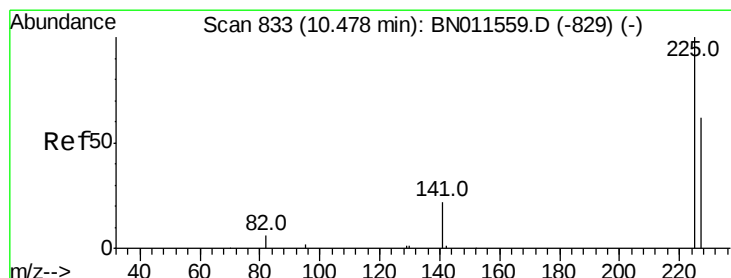
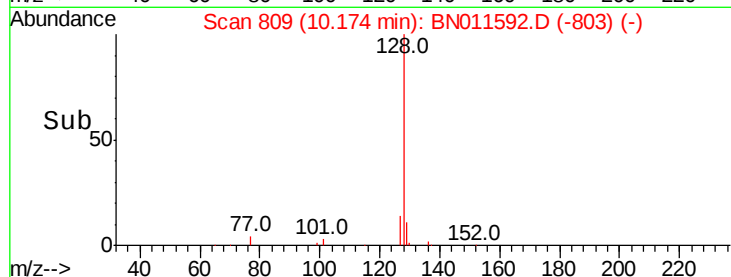
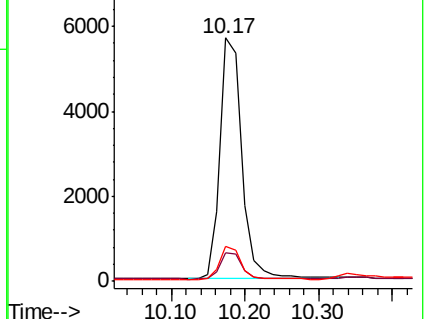
127 14.3 12.3 18.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.276 ng

RT: 10.47 min Scan# 832

Delta R.T. -0.01 min

Lab File: BN011592.D

Acq: 22 Aug 2020 18:09

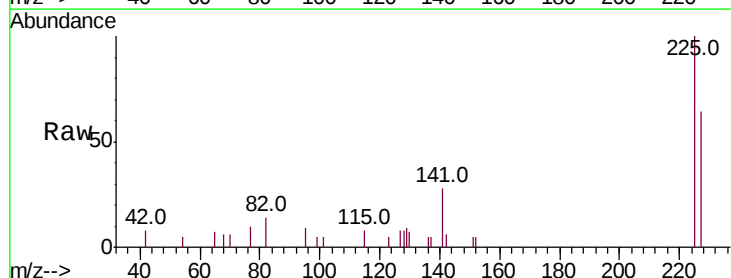
Tgt Ion:225 Resp: 1605

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

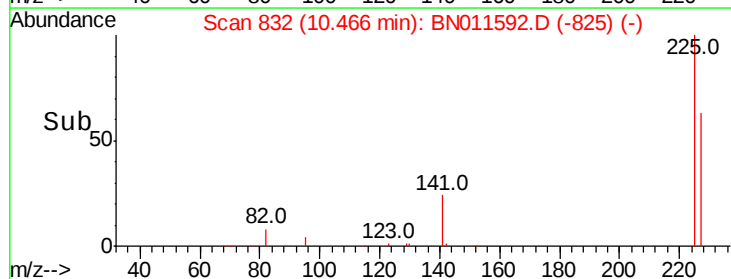
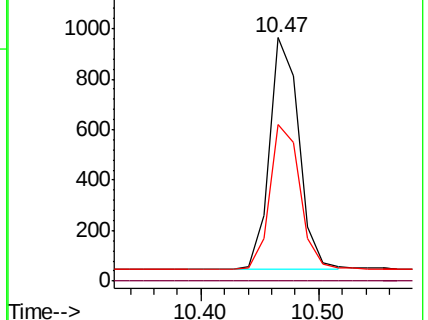
227 64.7 51.3 76.9

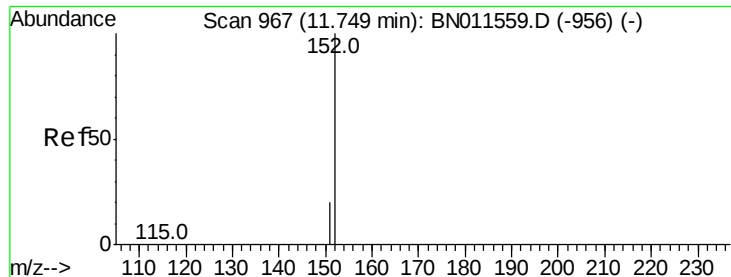


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

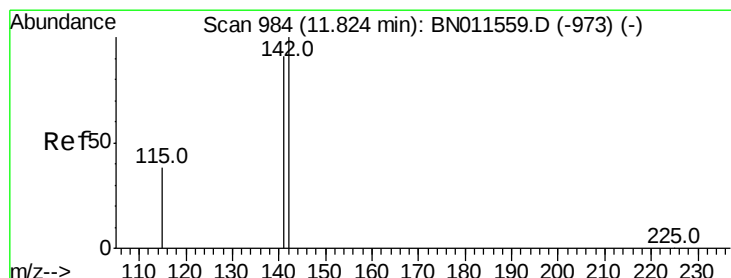
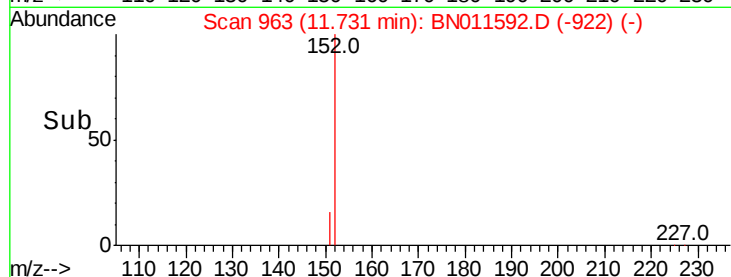
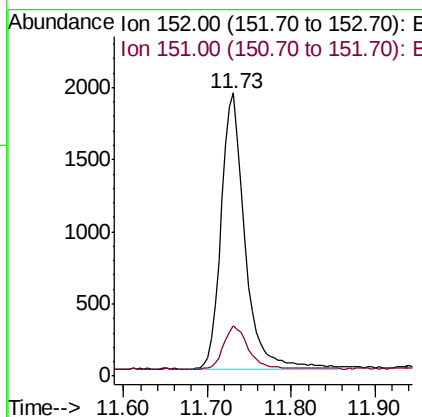
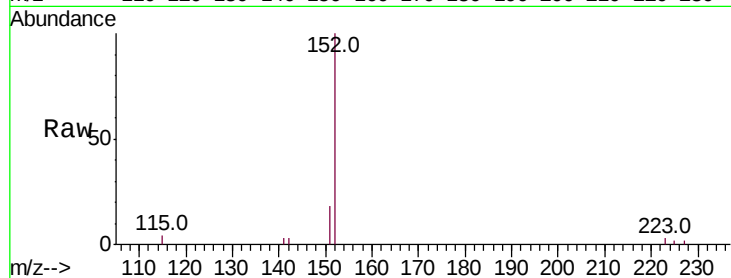




#11
2-Methylnaphthalene-d10
Concen: 0.292 ng
RT: 11.73 min Scan# 963
Delta R.T. -0.02 min
Lab File: BN011592.D
Acq: 22 Aug 2020 18:09

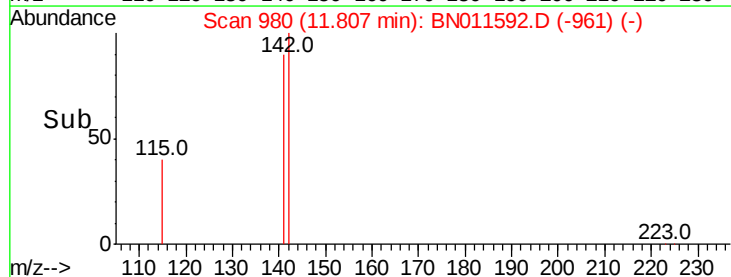
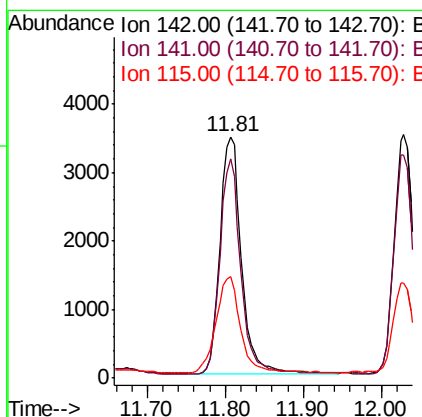
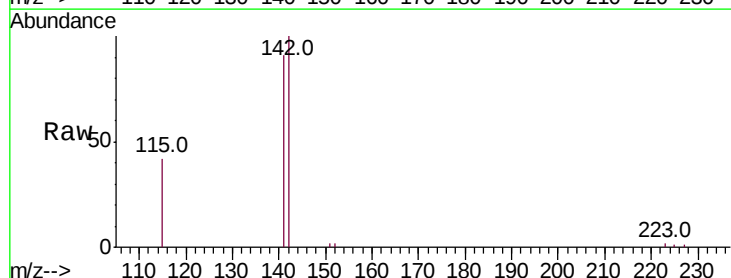
Instrument :
BNA_N
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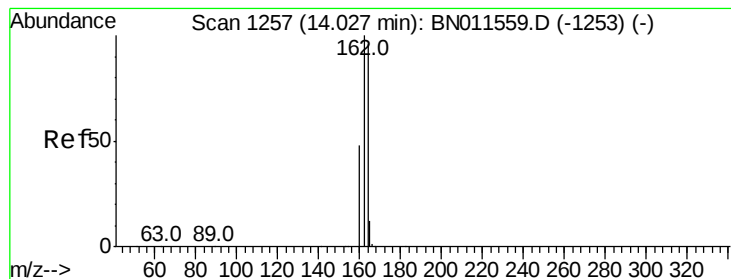
Tot Ion:152 Resp: 3745
Ion Ratio Lower Upper
152 100
151 15.9 16.6 24.8#



#12
2-Methylnaphthalene
Concen: 0.464 ng
RT: 11.81 min Scan# 980
Delta R.T. -0.02 min
Lab File: BN011592.D
Acq: 22 Aug 2020 18:09

Tgt Ion:142 Resp: 6637
Ion Ratio Lower Upper
142 100
141 90.6 73.0 109.6
115 42.0 33.4 50.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BN011592.D

Acq: 22 Aug 2020 18:09

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MSD

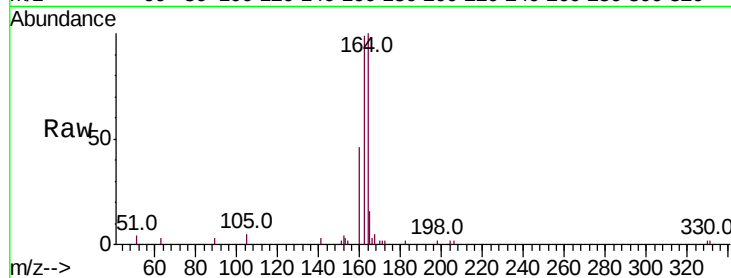
Tot Ion:164 Resp: 4732

Ion Ratio Lower Upper

164 100

162 99.3 83.7 125.5

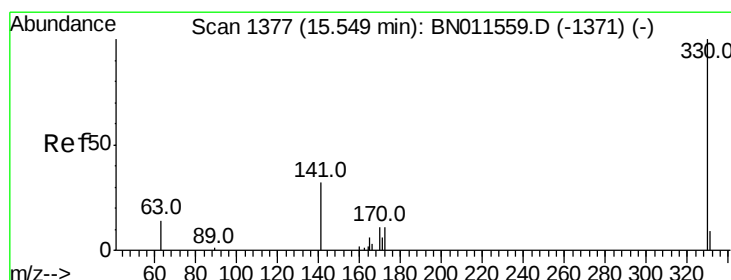
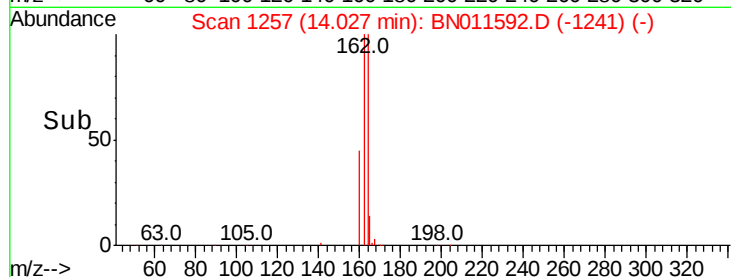
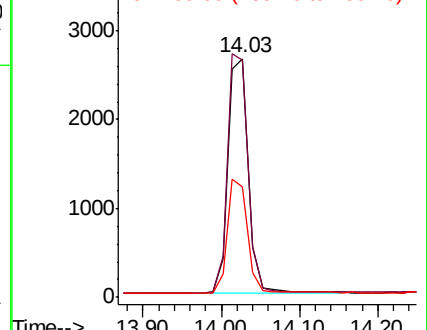
160 46.3 41.1 61.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.256 ng

RT: 15.54 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BN011592.D

Acq: 22 Aug 2020 18:09

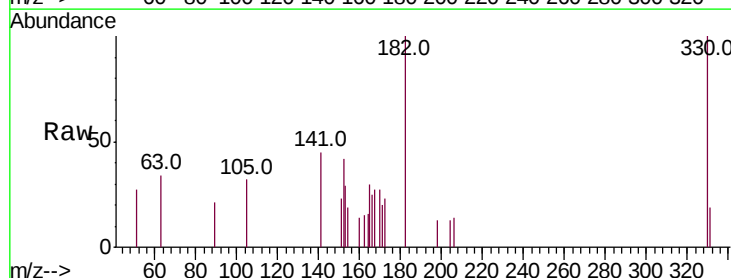
Tgt Ion:330 Resp: 604

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

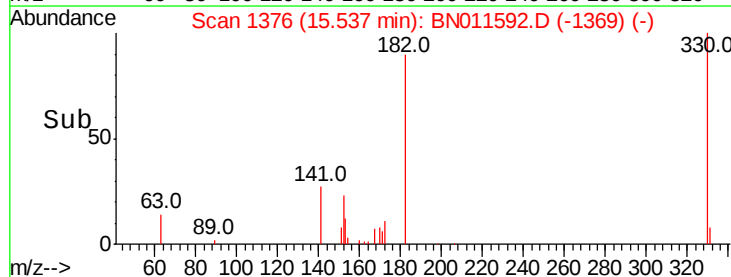
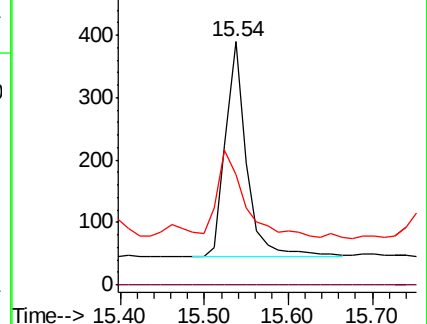
141 50.2 34.6 52.0

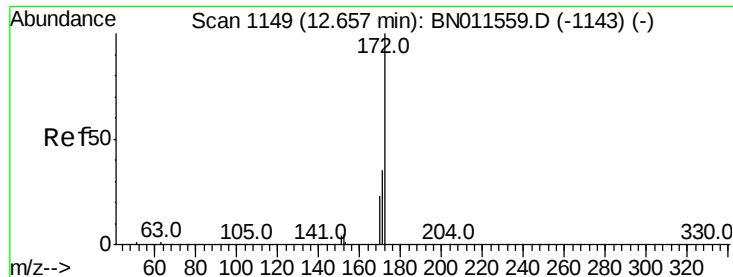


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

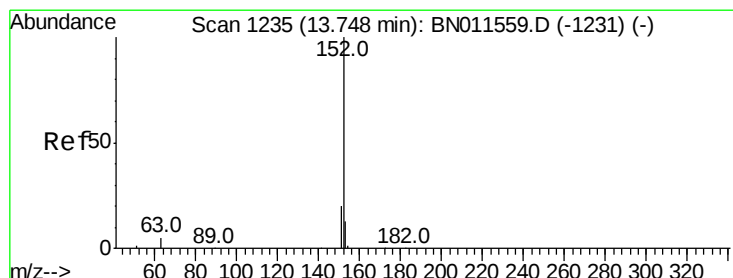
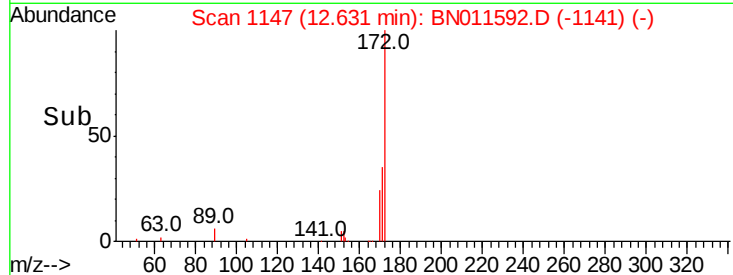
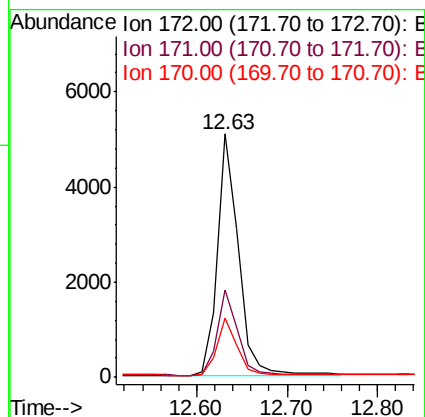
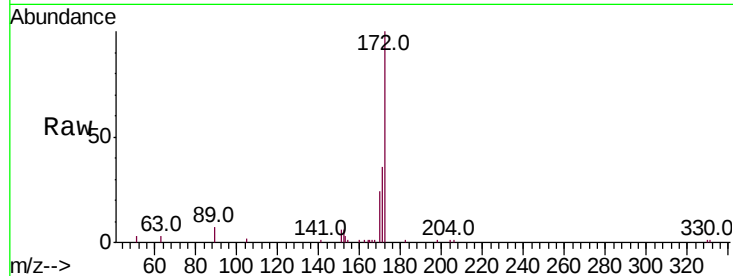




#15
 2-Fluorobiphenyl
 Concen: 0.419 ng
 RT: 12.63 min Scan# 1147
 Delta R.T. -0.03 min
 Lab File: BN011592.D
 Acq: 22 Aug 2020 18:09

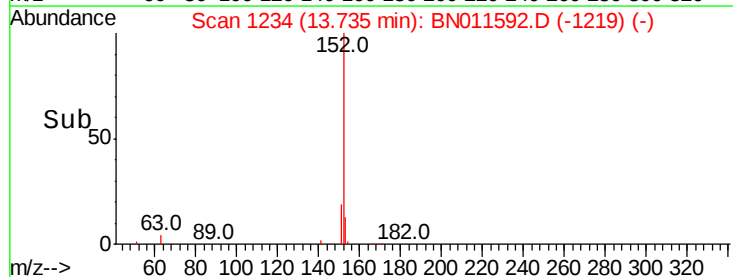
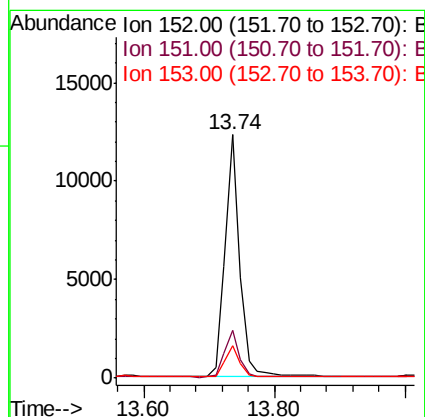
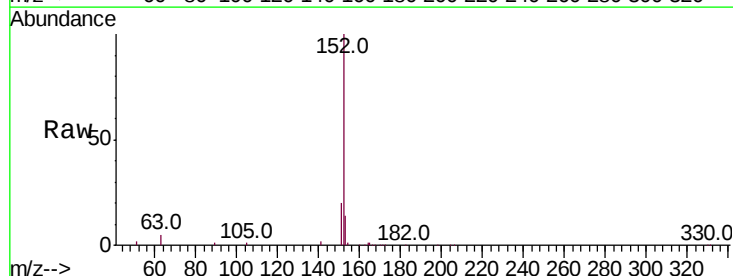
Instrument :
 BNA_N
 ClientSampleId :
 COMP-5-(4-5)MSD

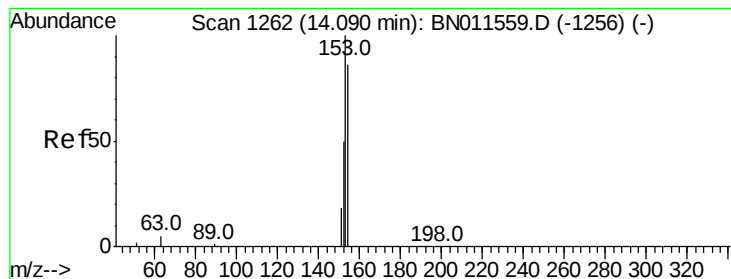
Tot Ion:172 Resp: 8160
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 24.2 20.1 30.1



#16
 Acenaphthylene
 Concen: 0.805 ng
 RT: 13.74 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BN011592.D
 Acq: 22 Aug 2020 18:09

Tgt Ion:152 Resp: 19375
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.8 23.8
 153 13.2 10.6 16.0





#17

Acenaphthene

Concen: 0.346 ng

RT: 14.08 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BN011592.D

Acq: 22 Aug 2020 18:09

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MSD

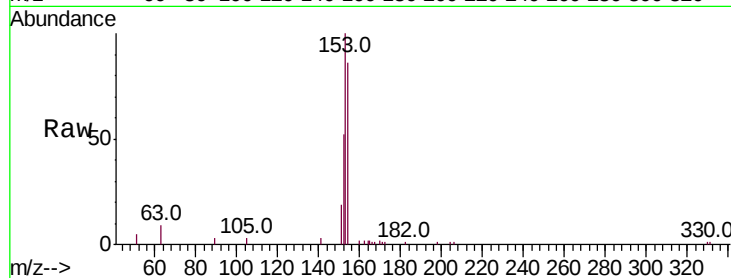
Tot Ion:154 Resp: 5464

Ion Ratio Lower Upper

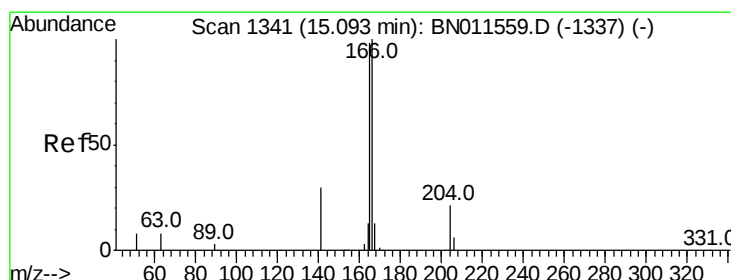
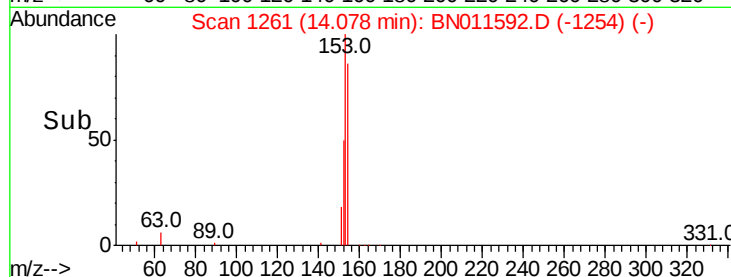
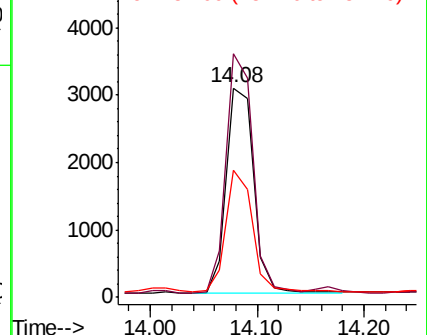
154 100

153 113.0 91.8 137.8

152 57.2 46.3 69.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.457 ng

RT: 15.08 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BN011592.D

Acq: 22 Aug 2020 18:09

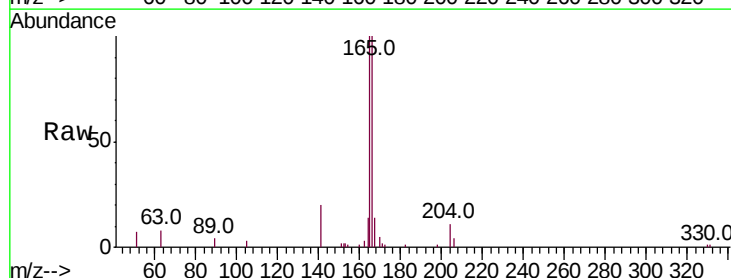
Tgt Ion:166 Resp: 9546

Ion Ratio Lower Upper

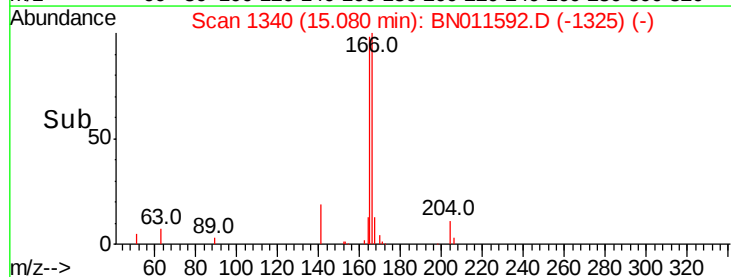
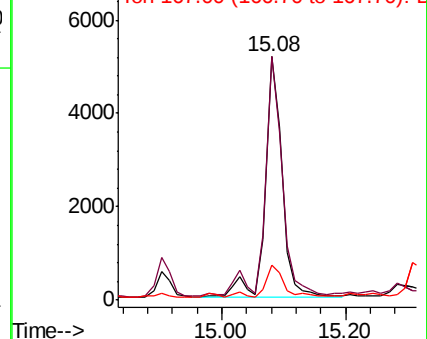
166 100

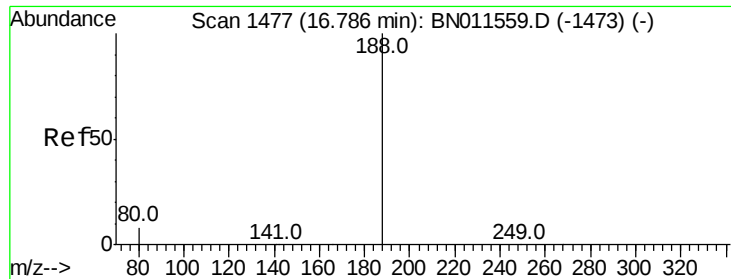
165 92.1 78.2 117.2

167 13.6 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

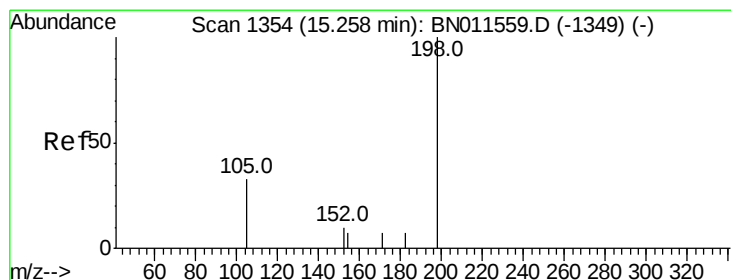
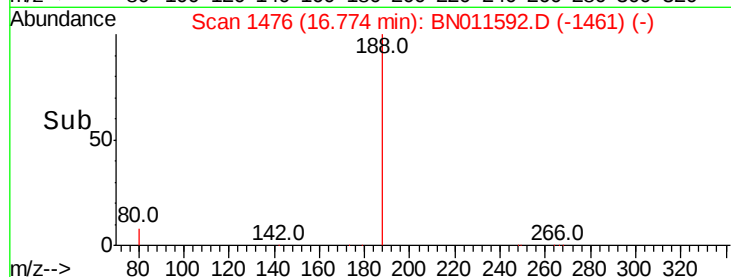
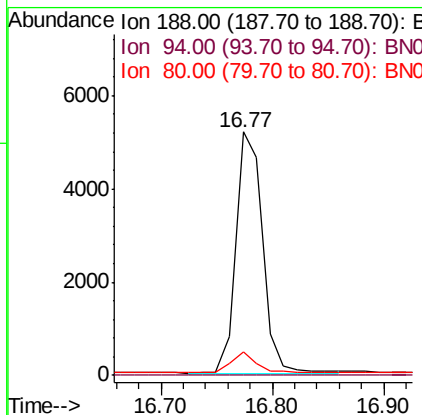
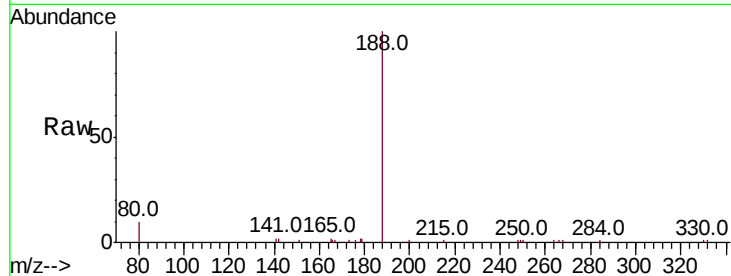




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BN011592.D
Acq: 22 Aug 2020 18:09

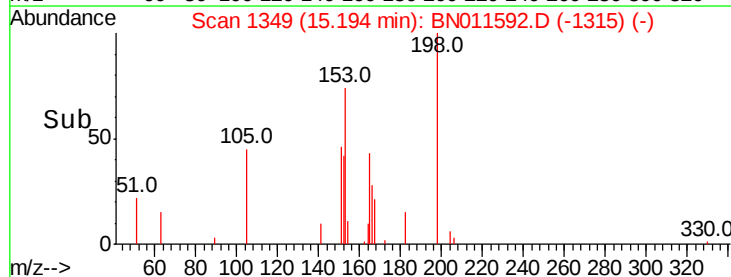
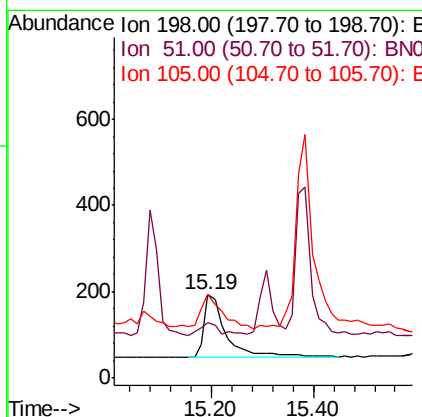
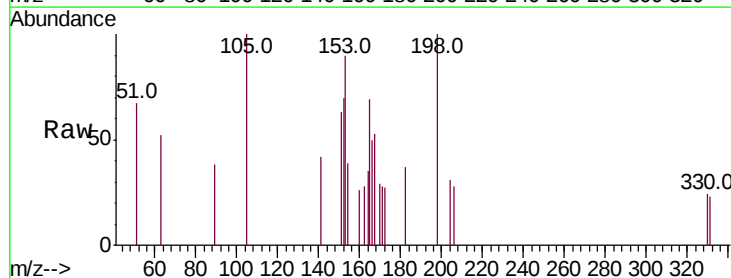
Instrument :
BNA_N
ClientSampleId :
COMP-5-(4-5)MSD

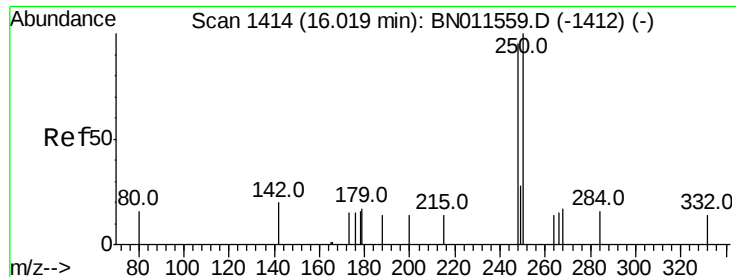
Tot Ion:188 Resp: 8619
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 7.6 11.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.437 ng
RT: 15.19 min Scan# 1349
Delta R.T. -0.06 min
Lab File: BN011592.D
Acq: 22 Aug 2020 18:09

Tgt Ion:198 Resp: 449
Ion Ratio Lower Upper
198 100
51 66.8 89.4 134.2#
105 100.0 70.6 105.8

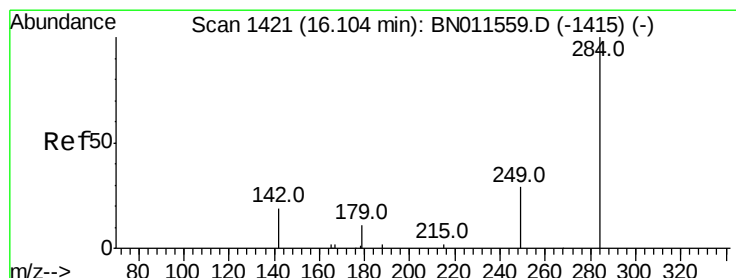
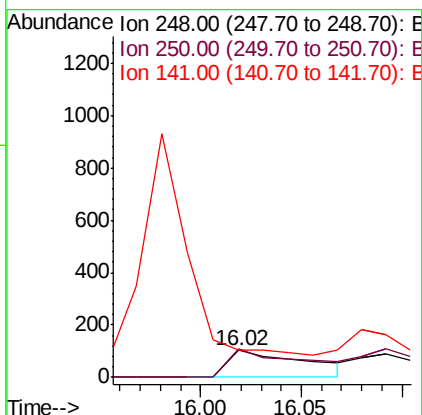
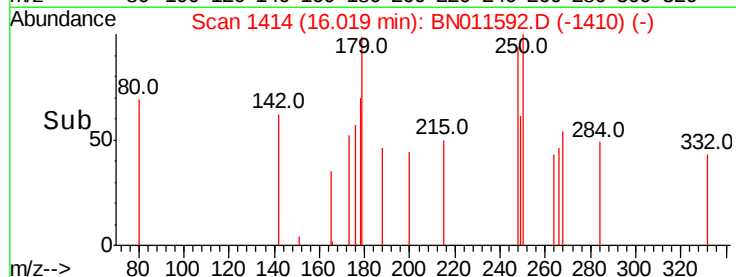
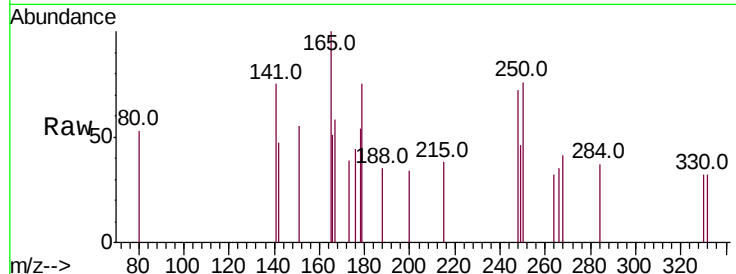




#21
4-Bromophenyl-phenylether
Concen: 0.145 ng
RT: 16.02 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BN011592.D
Acq: 22 Aug 2020 18:09

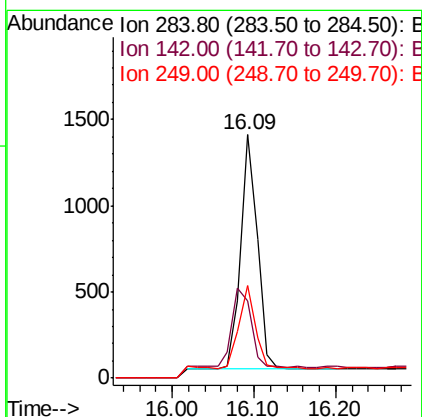
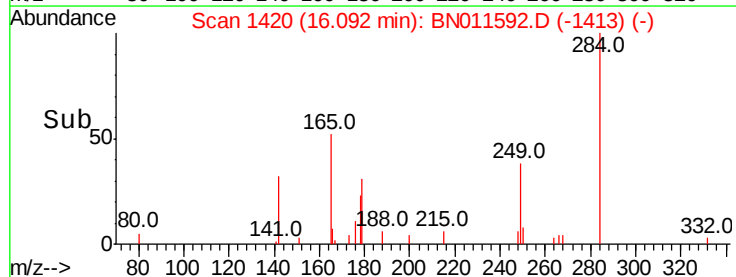
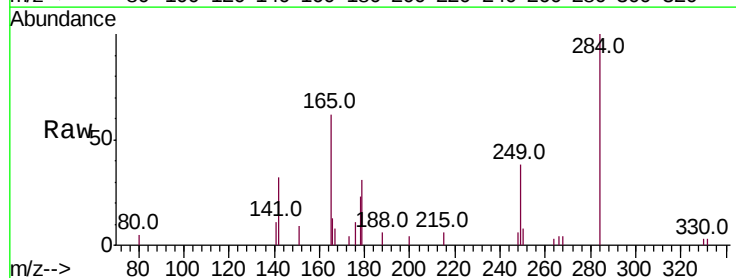
Instrument :
BNA_N
ClientSampleId :
COMP-5-(4-5)MSD

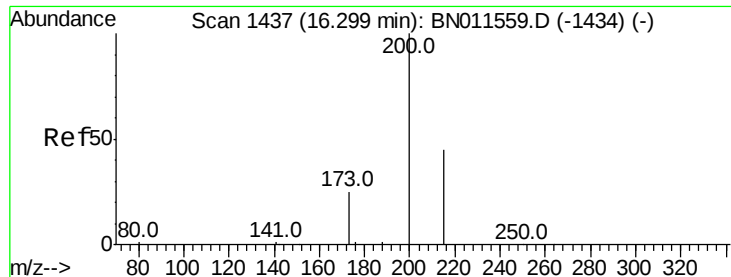
Tot Ion:248 Resp: 273
Ion Ratio Lower Upper
248 100
250 105.9 83.8 125.8
141 103.9 41.0 61.6#



#22
Hexachlorobenzene
Concen: 0.290 ng
RT: 16.09 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BN011592.D
Acq: 22 Aug 2020 18:09

Tgt Ion:284 Resp: 1928
Ion Ratio Lower Upper
284 100
142 38.3 29.7 44.5
249 34.3 26.8 40.2





#23

Atrazine

Concen: 0.279 ng

RT: 16.27 min Scan# 1435

Delta R.T. -0.02 min

Lab File: BN011592.D

Acq: 22 Aug 2020 18:09

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MSD

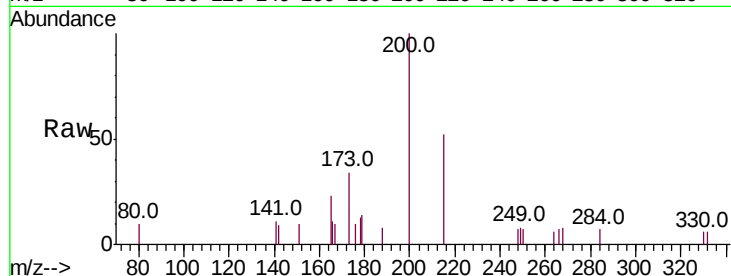
Tot Ion:200 Resp: 1249

Ion Ratio Lower Upper

200 100

173 33.7 27.7 41.5

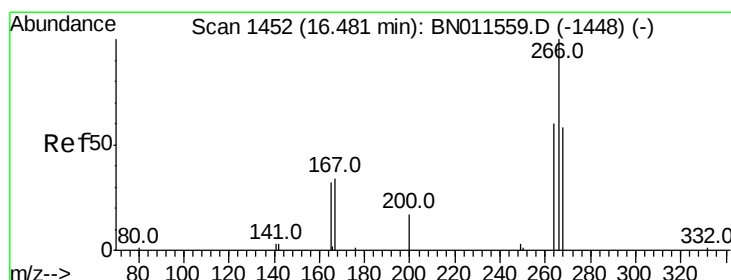
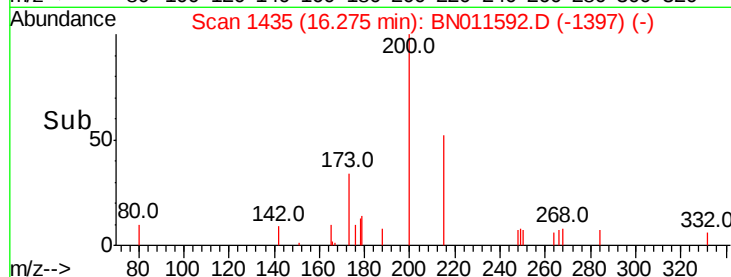
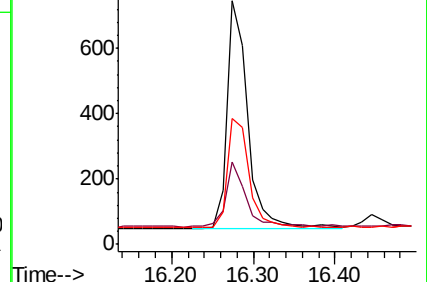
215 51.5 41.5 62.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#24

Pentachlorophenol

Concen: 0.188 ng

RT: 16.44 min Scan# 1449

Delta R.T. -0.04 min

Lab File: BN011592.D

Acq: 22 Aug 2020 18:09

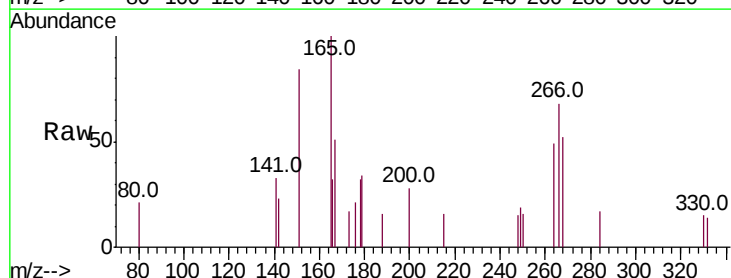
Tgt Ion:266 Resp: 389

Ion Ratio Lower Upper

266 100

264 64.3 48.7 73.1

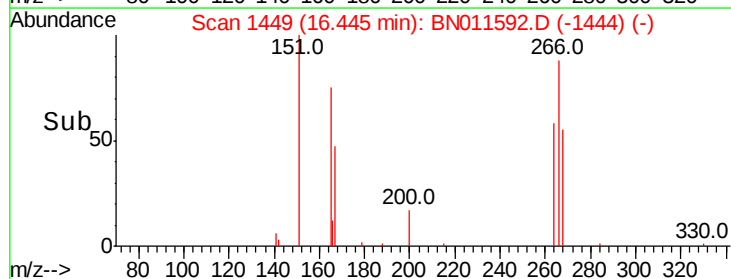
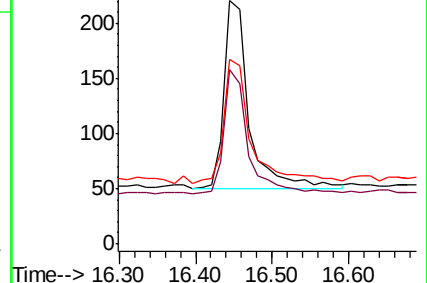
268 71.2 51.0 76.6

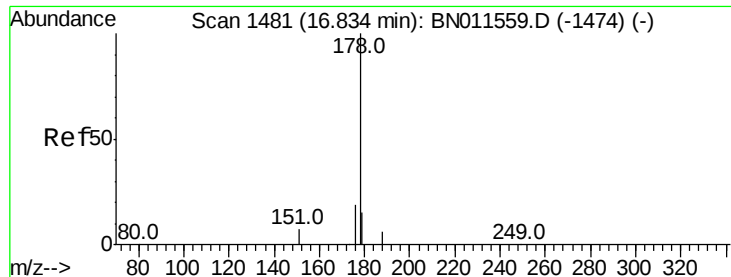


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 2.490 ng

RT: 16.82 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BN011592.D

Acq: 22 Aug 2020 18:09

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MSD

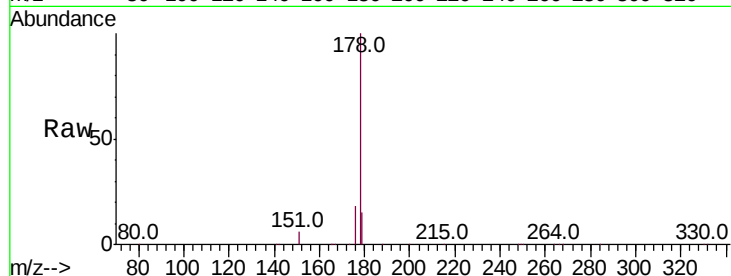
Tot Ion:178 Resp: 67567

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

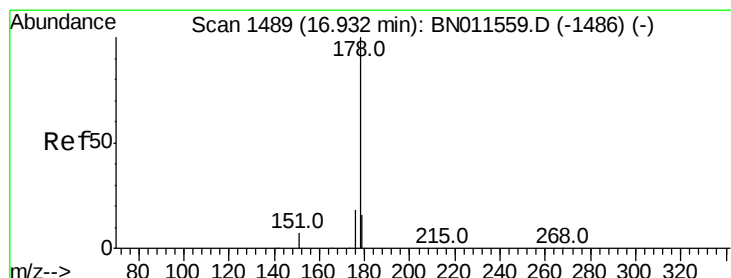
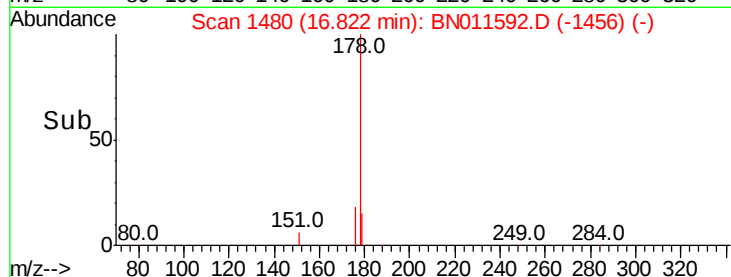
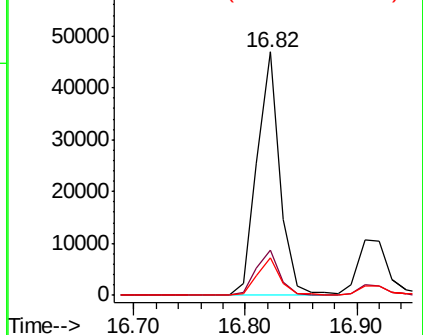
179 15.2 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#26

Anthracene

Concen: 0.867 ng

RT: 16.91 min Scan# 1487

Delta R.T. -0.02 min

Lab File: BN011592.D

Acq: 22 Aug 2020 18:09

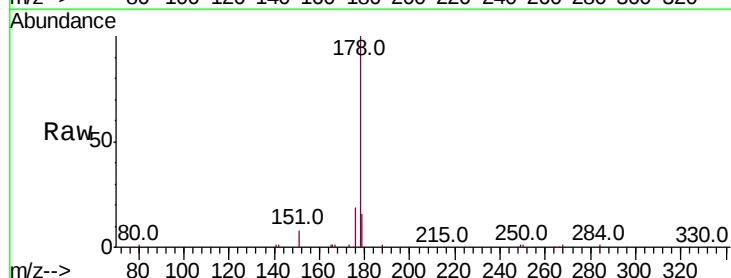
Tgt Ion:178 Resp: 19631

Ion Ratio Lower Upper

178 100

176 18.1 14.4 21.6

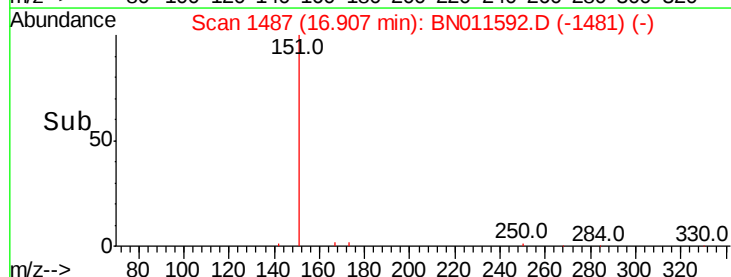
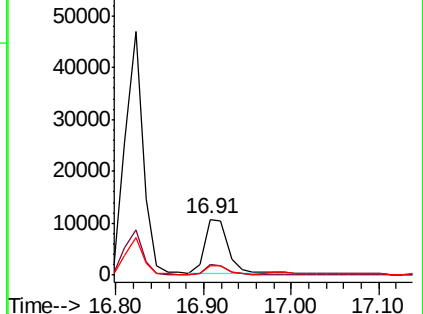
179 14.5 12.9 19.3

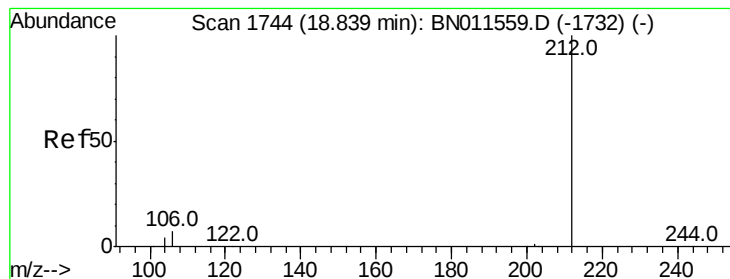


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#27

Fluoranthene-d10

Concen: 0.194 ng

RT: 18.82 min Scan# 1741

Delta R.T. -0.01 min

Lab File: BN011592.D

Acq: 22 Aug 2020 18:09

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MSD

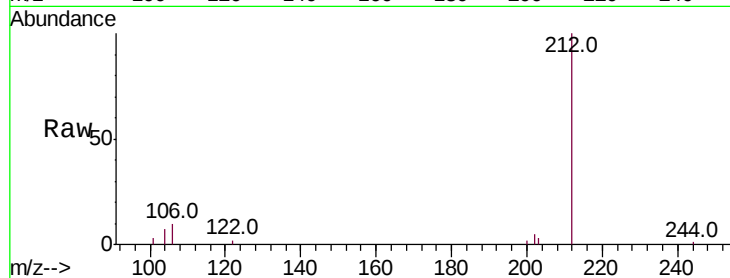
Tot Ion:212 Resp: 5627

Ion Ratio Lower Upper

212 100

106 8.4 6.2 9.2

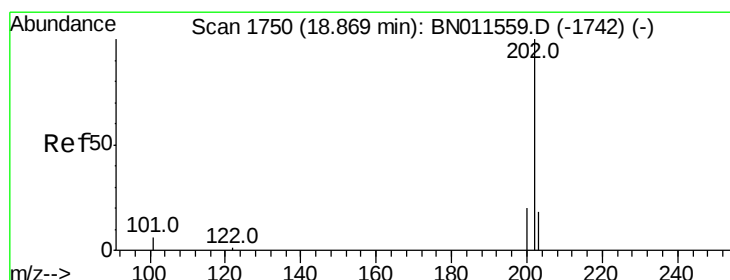
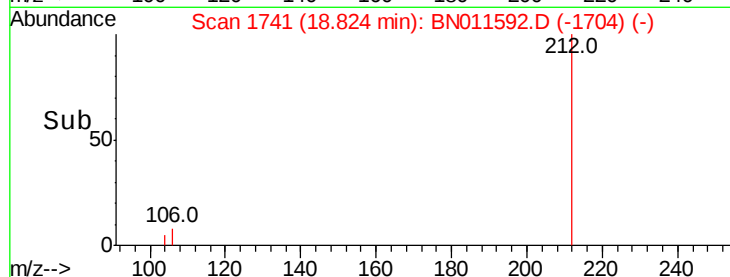
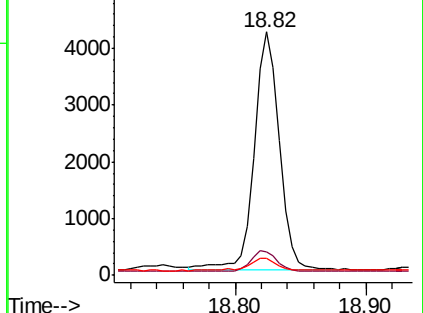
104 6.2 3.8 5.6#



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#28

Fluoranthene

Concen: 3.835 ng

RT: 18.85 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BN011592.D

Acq: 22 Aug 2020 18:09

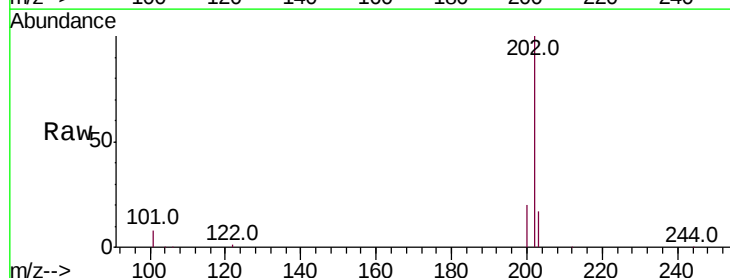
Tgt Ion:202 Resp: 133848

Ion Ratio Lower Upper

202 100

101 7.3 5.2 7.8

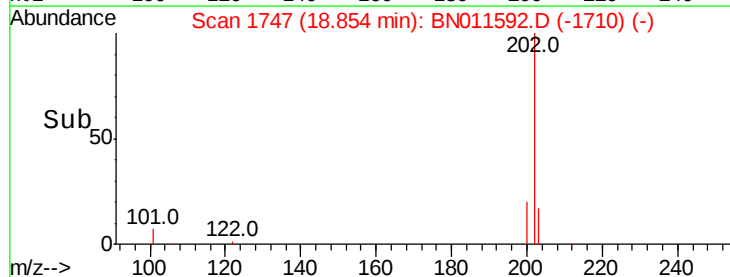
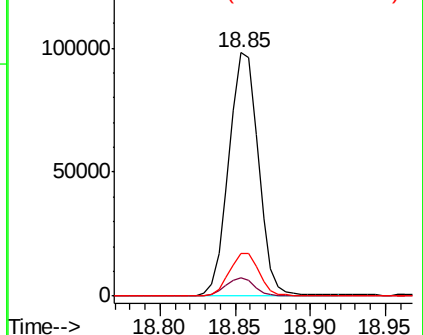
203 17.4 13.6 20.4

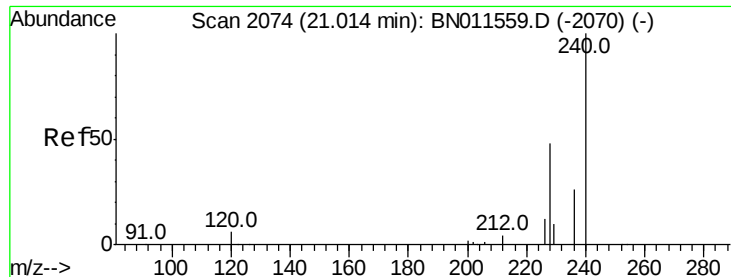


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.00 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BN011592.D

Acq: 22 Aug 2020 18:09

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MSD

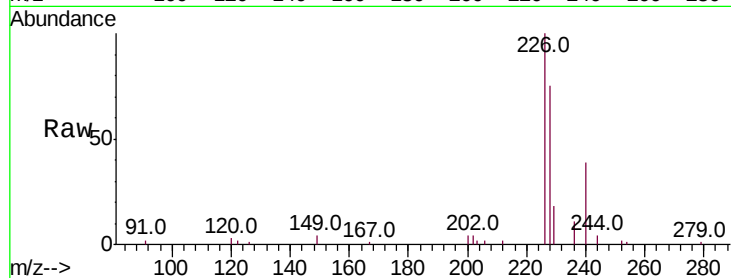
Tot Ion:240 Resp: 6438

Ion Ratio Lower Upper

240 100

120 7.5 7.4 11.0

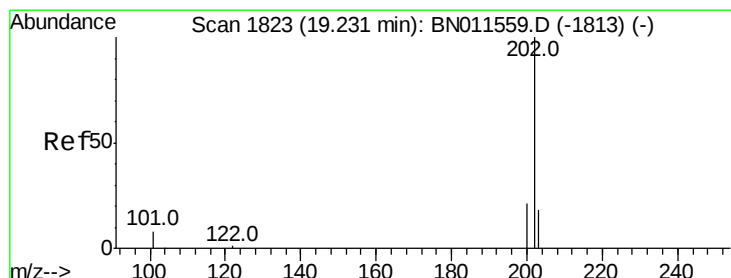
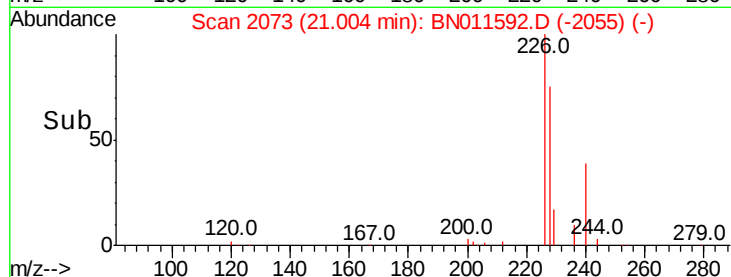
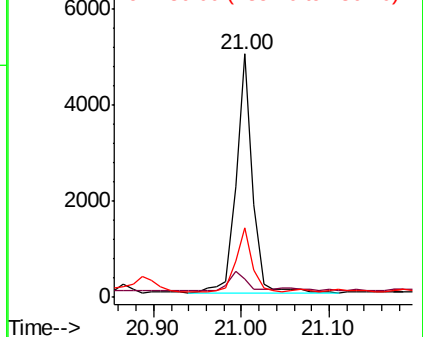
236 28.5 22.3 33.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#30

Pyrene

Concen: 6.450 ng

RT: 19.22 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BN011592.D

Acq: 22 Aug 2020 18:09

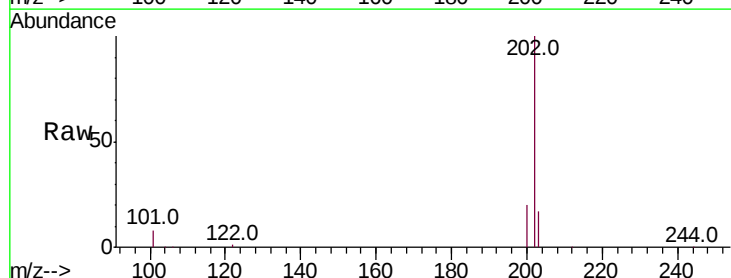
Tgt Ion:202 Resp: 165154

Ion Ratio Lower Upper

202 100

200 20.5 16.6 25.0

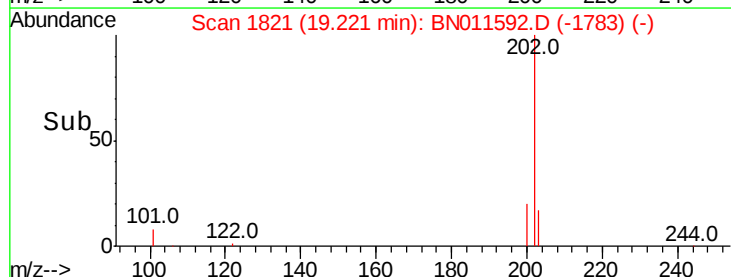
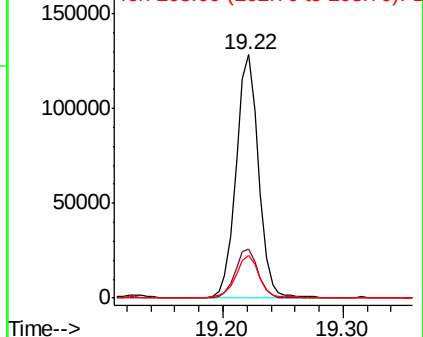
203 18.2 14.2 21.2

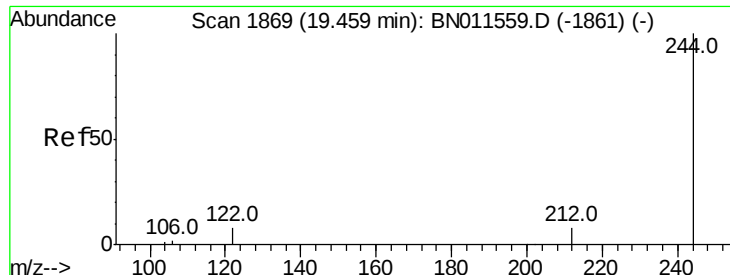


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.492 ng

RT: 19.44 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BN011592.D

Acq: 22 Aug 2020 18:09

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MSD

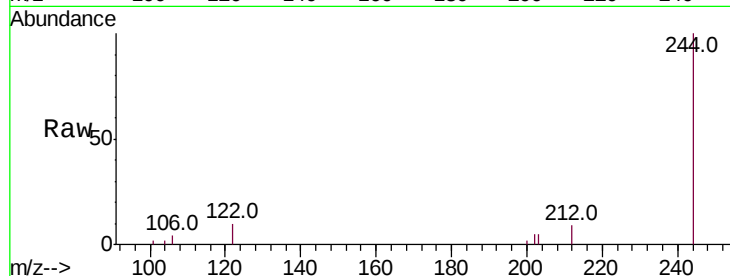
Tot Ion:244 Resp: 8269

Ion Ratio Lower Upper

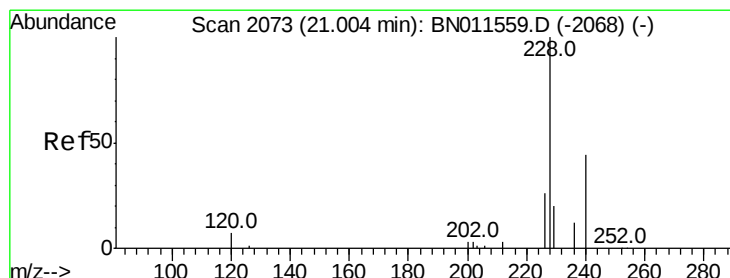
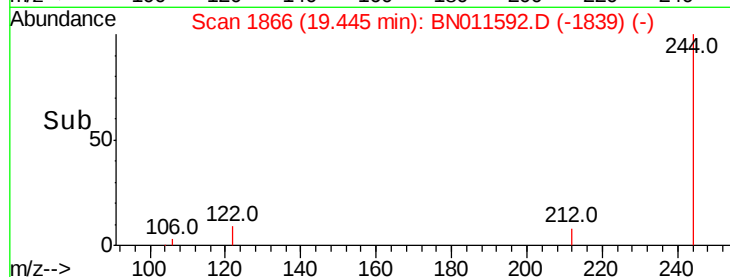
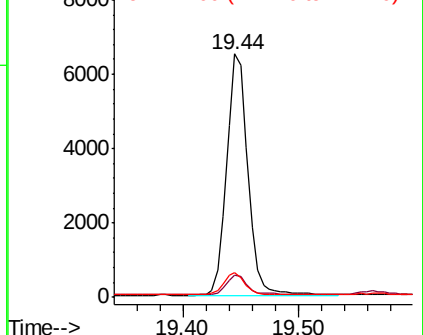
244 100

212 9.1 8.2 12.4

122 10.0 8.0 12.0



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#32

Benzo(a)anthracene

Concen: 3.038 ng

RT: 21.04 min Scan# 2076

Delta R.T. 0.03 min

Lab File: BN011592.D

Acq: 22 Aug 2020 18:09

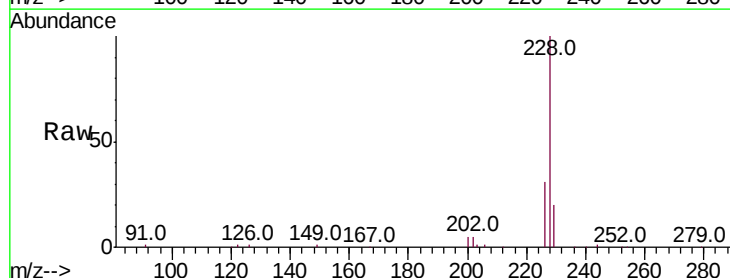
Tgt Ion:228 Resp: 64239

Ion Ratio Lower Upper

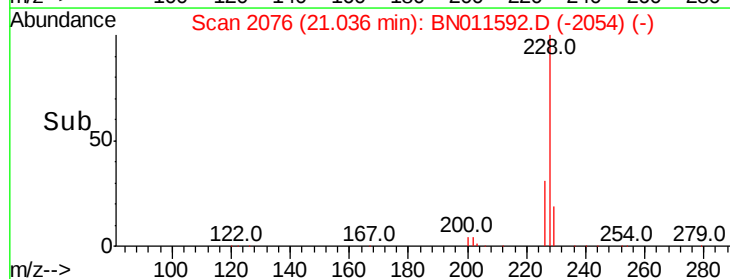
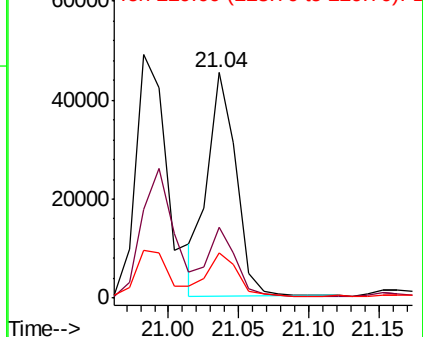
228 100

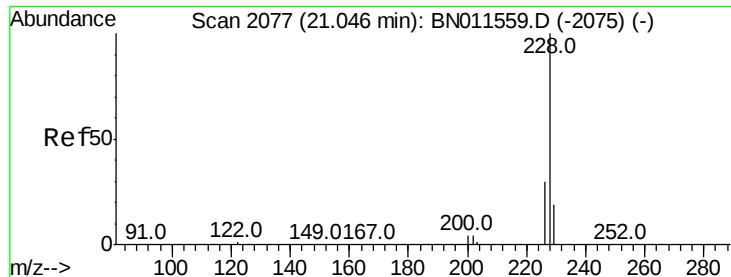
226 31.2 22.2 33.2

229 20.1 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 2.648 ng

RT: 21.04 min Scan# 2076

Delta R.T. -0.01 min

Lab File: BN011592.D

Acq: 22 Aug 2020 18:09

Instrument :

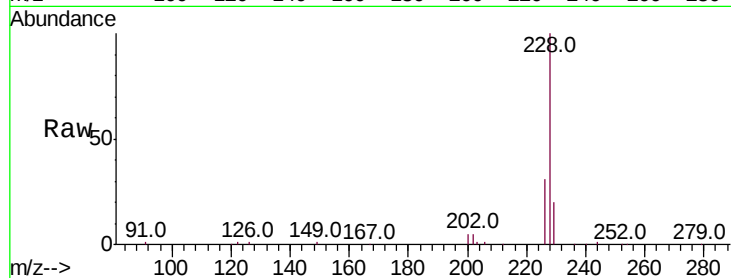
BNA_N

ClientSampleId :

COMP-5-(4-5)MSD

Tot Ion:228 Resp: 63710

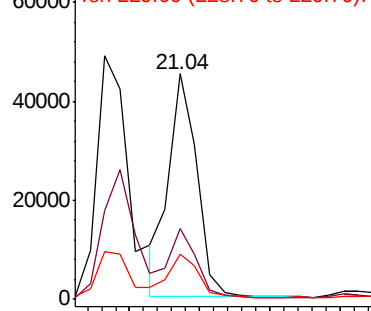
Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.5	36.7
229	20.1	16.2	24.2



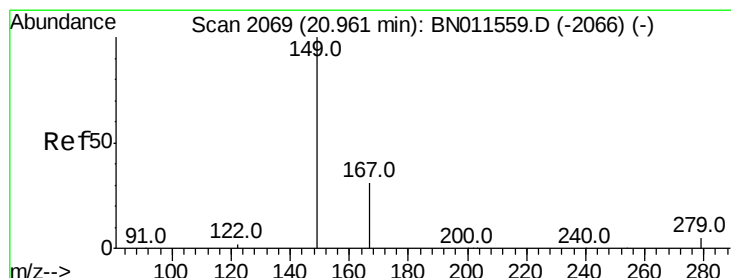
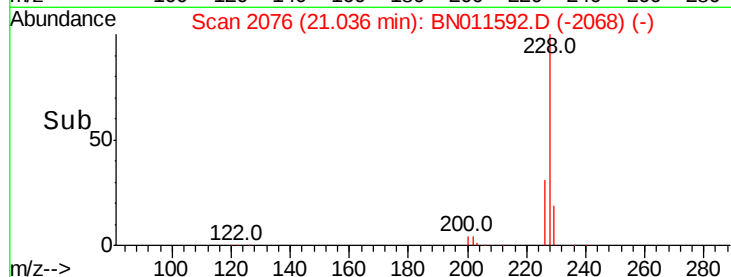
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.426 ng

RT: 20.95 min Scan# 2068

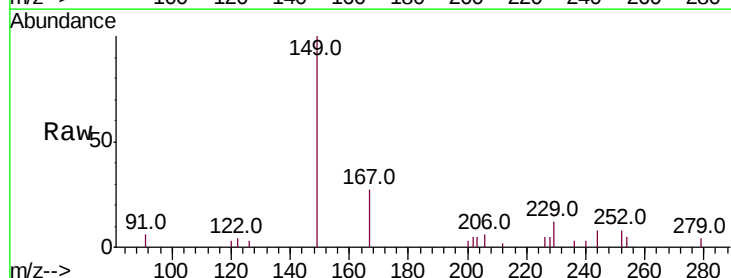
Delta R.T. -0.01 min

Lab File: BN011592.D

Acq: 22 Aug 2020 18:09

Tgt Ion:149 Resp: 4090

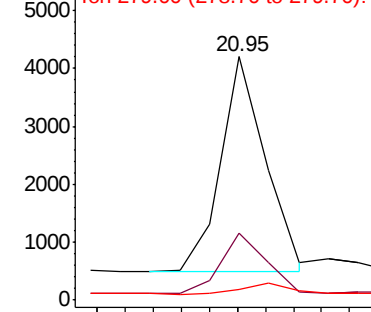
Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.8	34.2
279	5.2	4.2	6.2



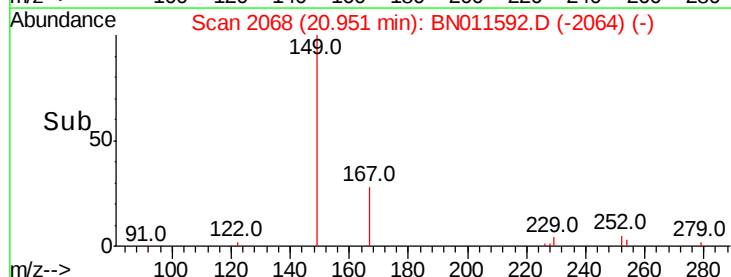
Abundance Ion 149.00 (148.70 to 149.70): E

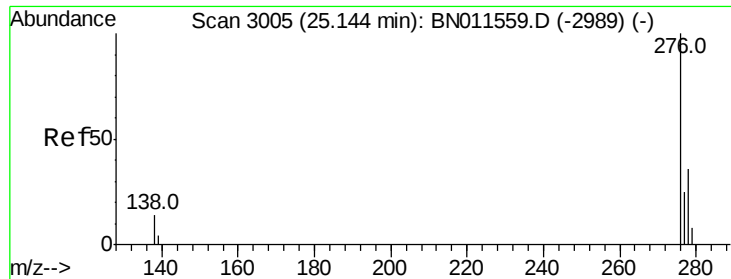
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#35

Indeno(1,2,3-cd)pyrene

Concen: 3.451 ng

RT: 25.11 min Scan# 2996

Delta R.T. -0.03 min

Lab File: BN011592.D

Acq: 22 Aug 2020 18:09

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MSD

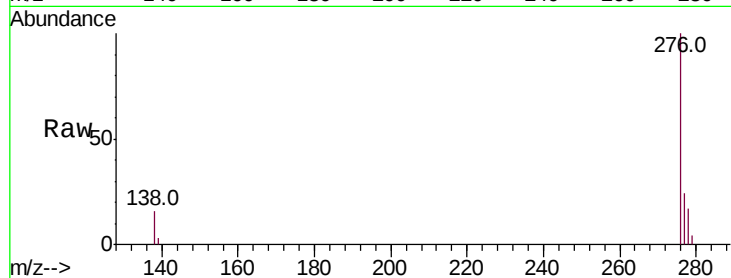
Tot Ion:276 Resp: 75396

Ion Ratio Lower Upper

276 100

138 16.2 11.6 17.4

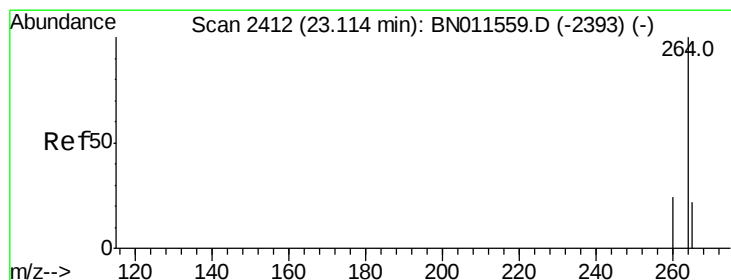
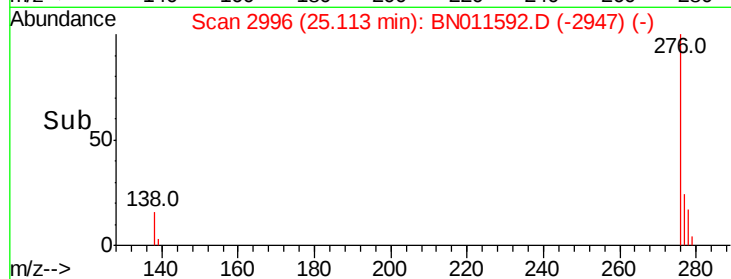
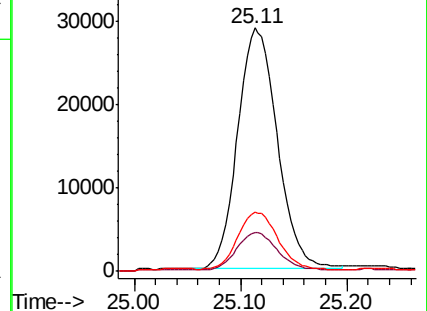
277 23.5 18.2 27.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.09 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BN011592.D

Acq: 22 Aug 2020 18:09

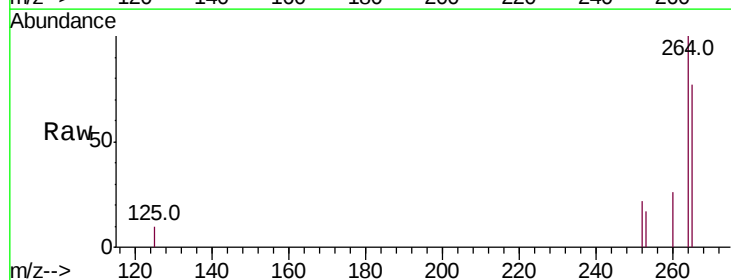
Tgt Ion:264 Resp: 6167

Ion Ratio Lower Upper

264 100

260 25.9 20.3 30.5

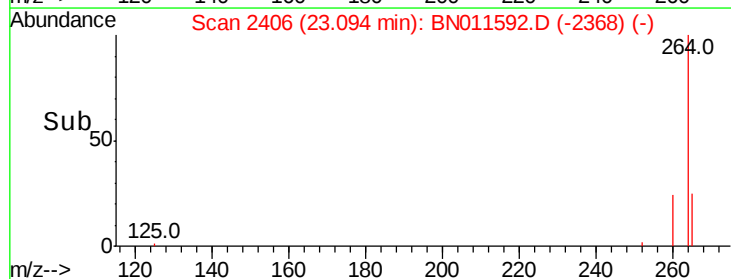
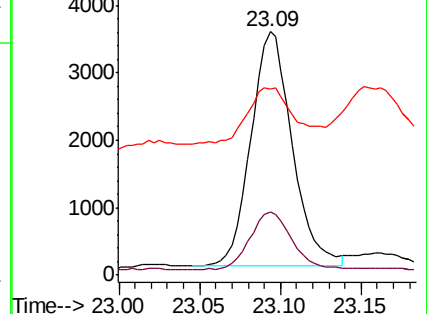
265 76.5 96.1 144.1#

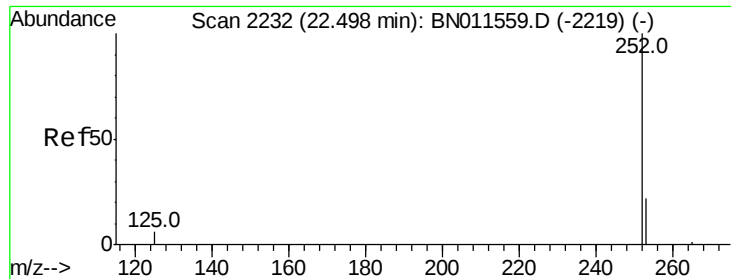


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#37

Benzo(b)fluoranthene

Concen: 0.592 ng

RT: 22.64 min Scan# 2274

Delta R.T. 0.14 min

Lab File: BN011592.D

Acq: 22 Aug 2020 18:09

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MSD

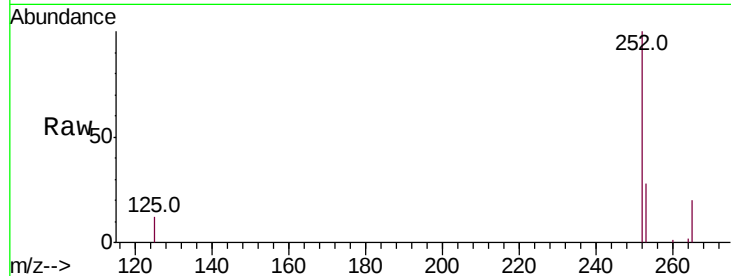
Tot Ion:252 Resp: 13503

Ion Ratio Lower Upper

252 100

253 28.0 25.5 38.3

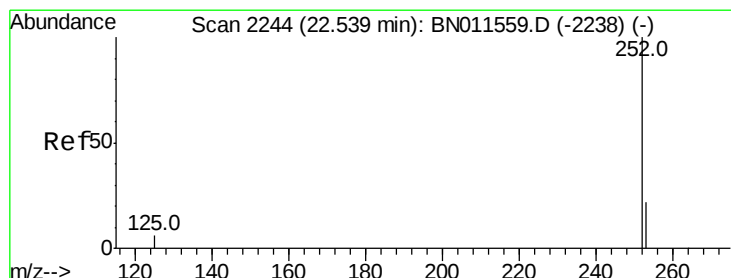
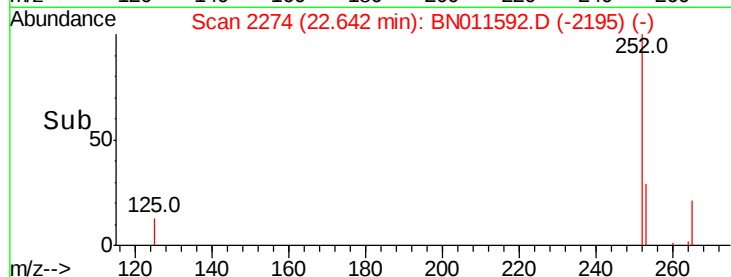
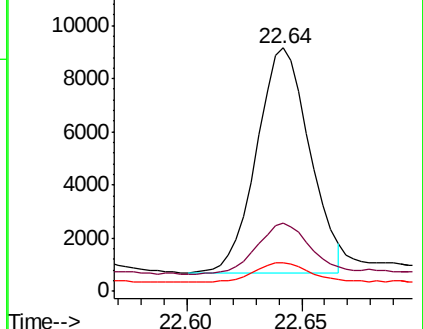
125 12.0 10.2 15.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Benzo(k)fluoranthene

Concen: 0.577 ng

RT: 22.64 min Scan# 2274

Delta R.T. 0.10 min

Lab File: BN011592.D

Acq: 22 Aug 2020 18:09

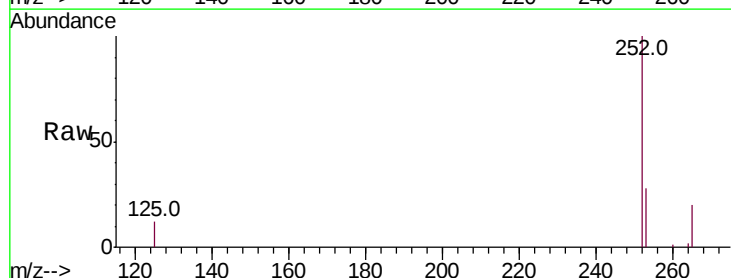
Tgt Ion:252 Resp: 15662

Ion Ratio Lower Upper

252 100

253 28.0 25.8 38.6

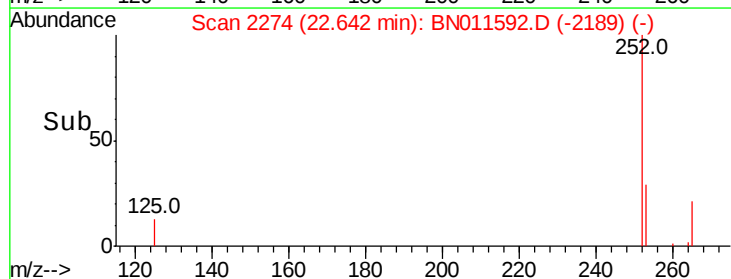
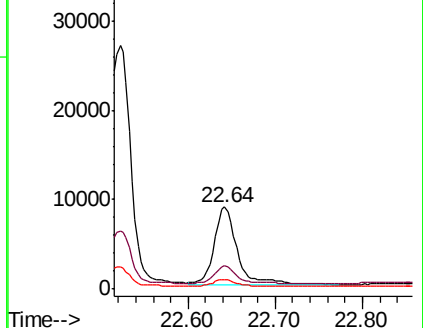
125 12.0 10.8 16.2

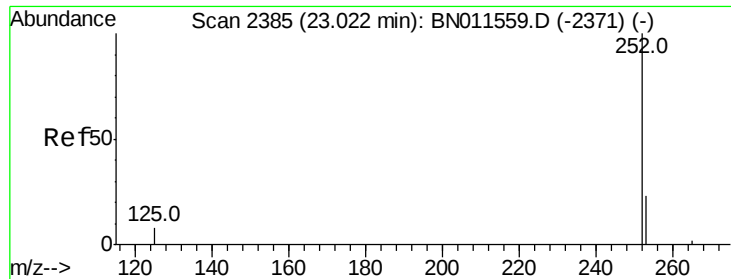


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 3.631 ng

RT: 23.00 min Scan# 2380

Delta R.T. -0.02 min

Lab File: BN011592.D

Acq: 22 Aug 2020 18:09

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MSD

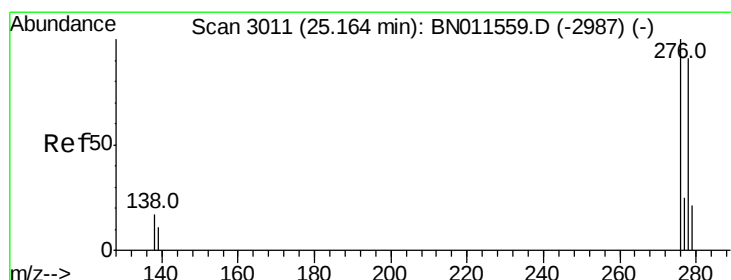
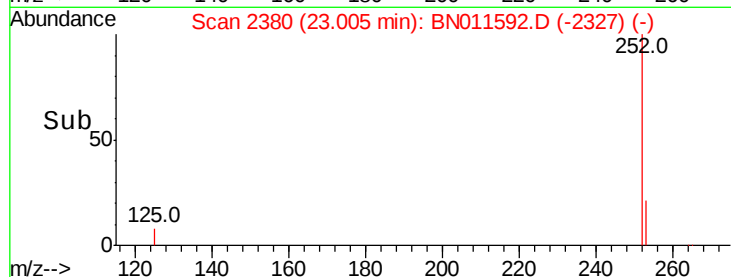
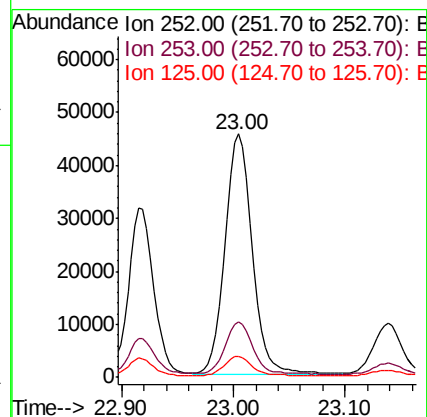
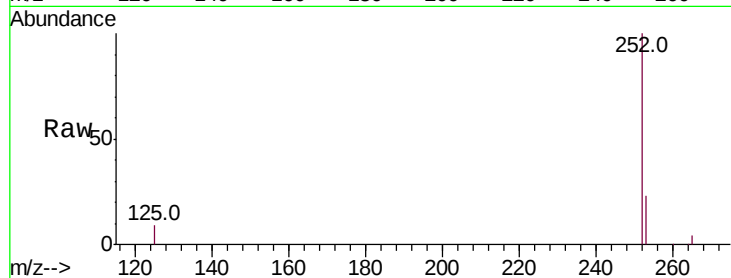
Tot Ion:252 Resp: 76601

Ion Ratio Lower Upper

252 100

253 22.8 31.8 47.8#

125 8.6 15.4 23.0#



#40

Dibenzo(a,h)anthracene

Concen: 0.221 ng

RT: 25.23 min Scan# 3029

Delta R.T. 0.06 min

Lab File: BN011592.D

Acq: 22 Aug 2020 18:09

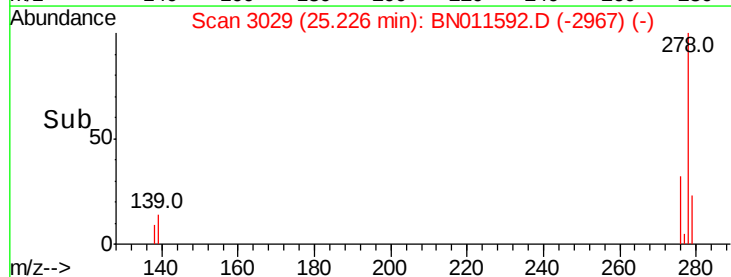
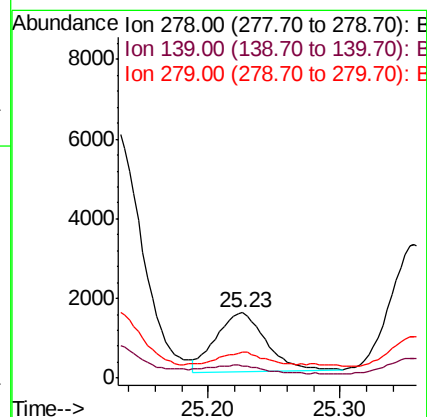
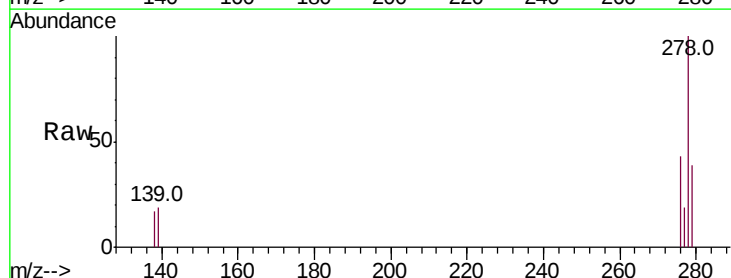
Tgt Ion:278 Resp: 3898

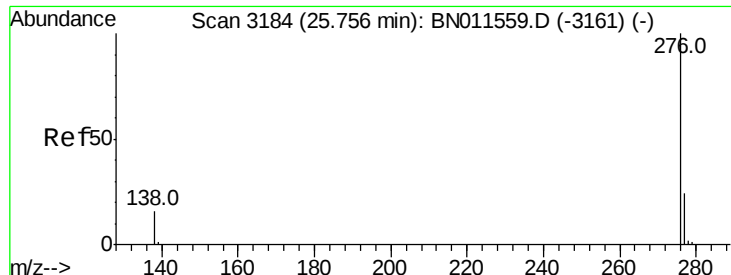
Ion Ratio Lower Upper

278 100

139 19.0 14.0 21.0

279 38.9 32.4 48.6





#41

Benzo(a,h,i)perylene

Concen: 4.454 ng

RT: 25.73 min Scan# 3177

Delta R.T. -0.02 min

Lab File: BN011592.D

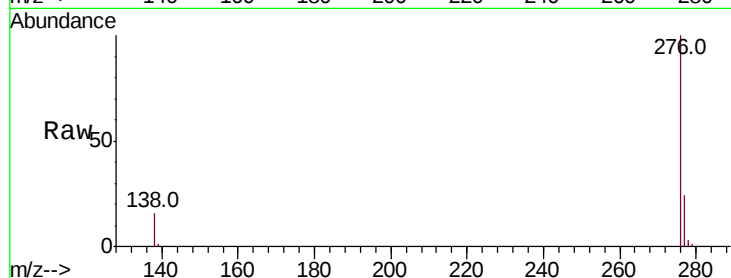
Acq: 22 Aug 2020 18:09

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MSD



Tot Ion:276 Resp: 93708

Ion Ratio Lower Upper

276 100

277 23.8 22.1 33.1

138 16.2 15.4 23.2

