

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061920\
 Data File : BN010977.D
 Acq On : 19 Jun 2020 19:23
 Operator : CG/JU
 Sample : L3043-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20200616

Quant Time: Jun 20 06:16:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 12:43:49 2020
 Response via : Initial Calibration

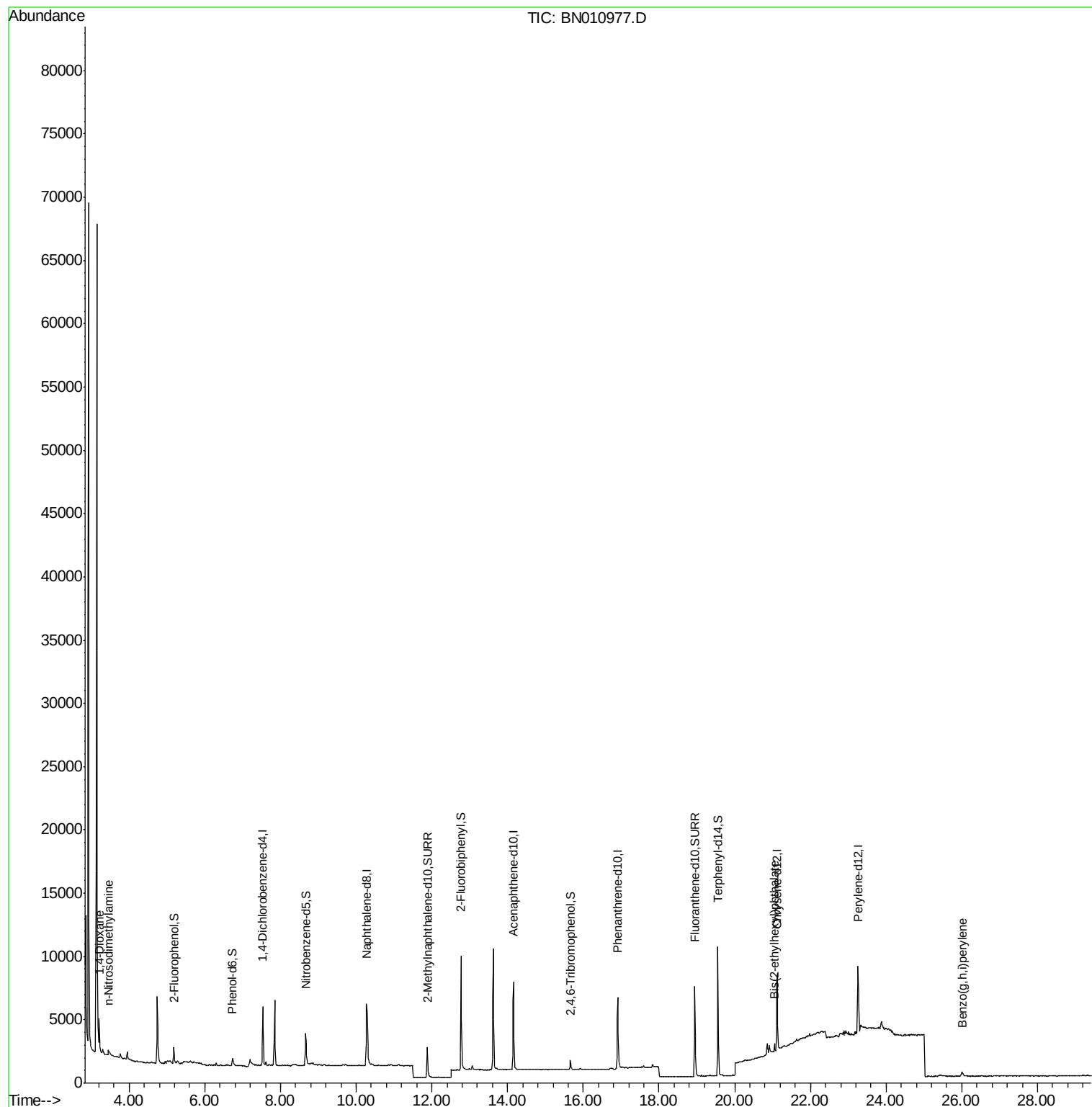
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2362	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	8233	0.40	ng	0.00
13) Acenaphthene-d10	14.16	164	4284	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	8795	0.40	ng	0.01
27) Chrysene-d12	21.12	240	7300	0.40	ng	0.00
34) Perylene-d12	23.26	264	7905	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	1034	0.23	ng	0.00
5) Phenol-d6	6.73	99	645	0.12	ng	0.00
8) Nitrobenzene-d5	8.67	82	2925	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	11.88	152	4029	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	681	0.44	ng	0.01
15) 2-Fluorobiphenyl	12.78	172	8766	0.52	ng	0.00
25) Fluoranthene-d10	18.95	212	9747	0.40	ng	0.00
29) Terphenyl-d14	19.56	244	10802	0.63	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.21	88	1792	0.775	ng	# 93
3) n-Nitrosodimethylamine	3.47	42	185	0.138	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.06	149	556	0.078	ng	# 96
39) Benzo(g,h,i)perylene	26.00	276	739	0.027	ng	# 53

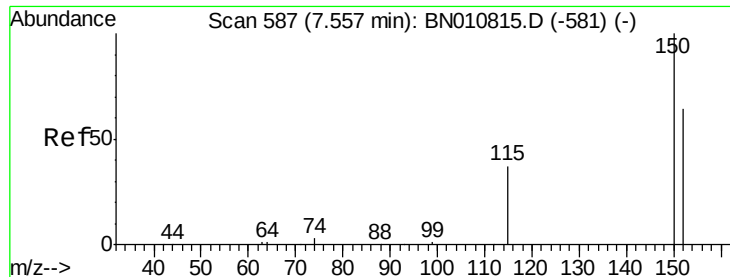
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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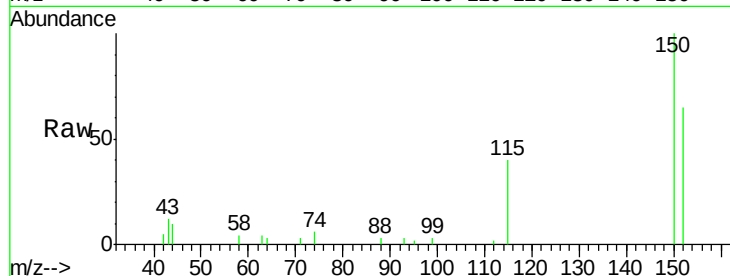


#1

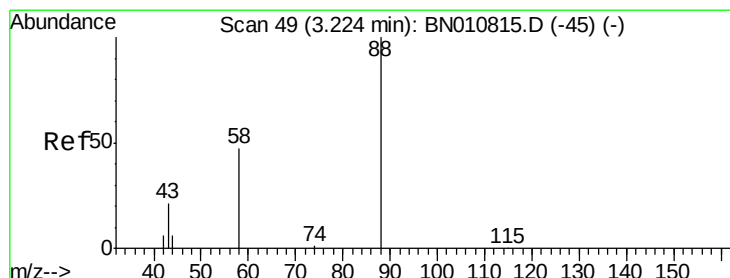
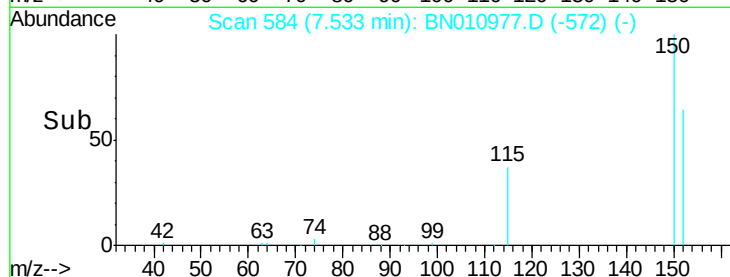
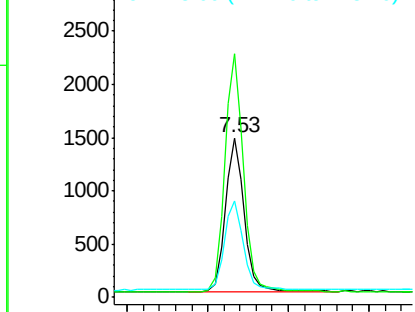
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.53 min Scan# 584
Delta R.T. -0.00 min
Lab File: BN010977.D
Acq: 19 Jun 2020 19:23

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616

Tot Ion:152 Resp: 2362
Ion Ratio Lower Upper
152 100
150 152.9 123.8 185.6
115 60.4 49.2 73.8



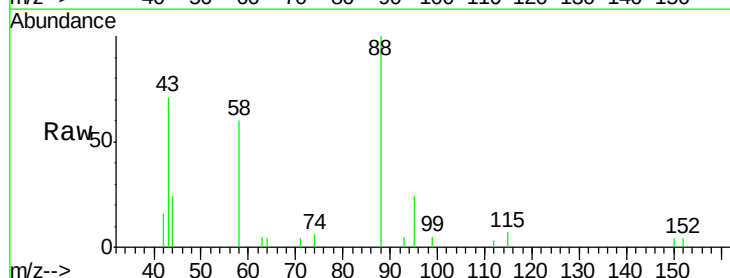
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



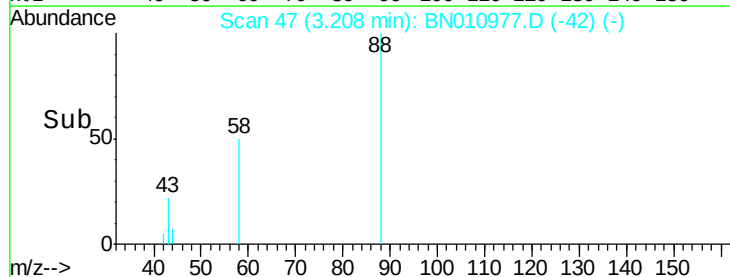
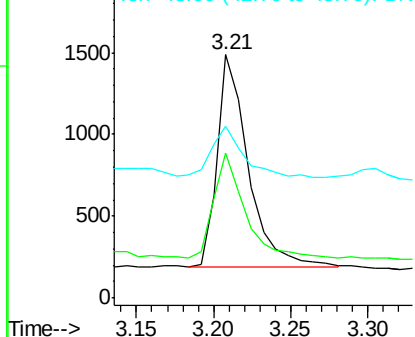
#2

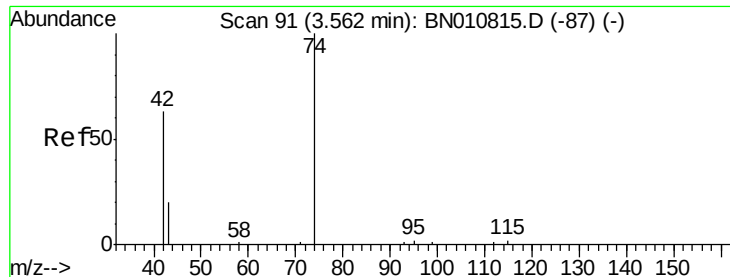
1,4-Dioxane
Concen: 0.775 ng
RT: 3.21 min Scan# 47
Delta R.T. -0.01 min
Lab File: BN010977.D
Acq: 19 Jun 2020 19:23

Tgt Ion: 88 Resp: 1792
Ion Ratio Lower Upper
88 100
58 50.4 38.2 57.4
43 25.5 15.1 22.7#



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 58.00 (57.70 to 58.70): BN0
Ion 43.00 (42.70 to 43.70): BN0

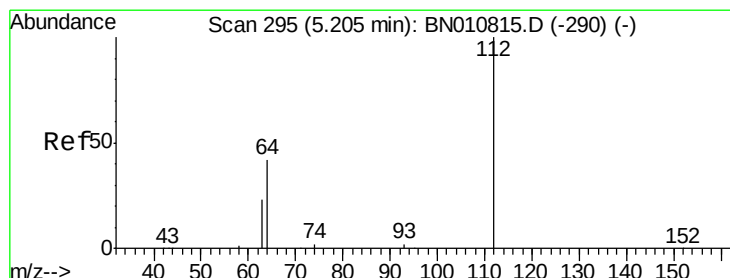
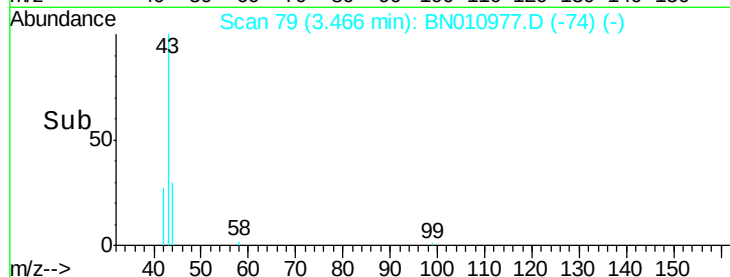
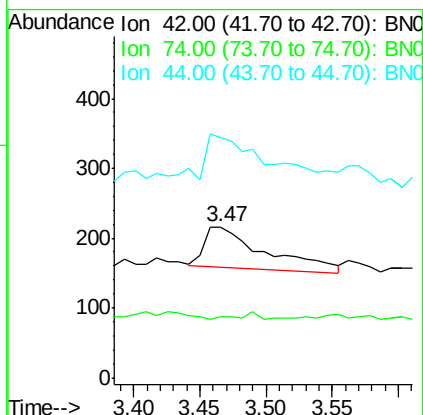
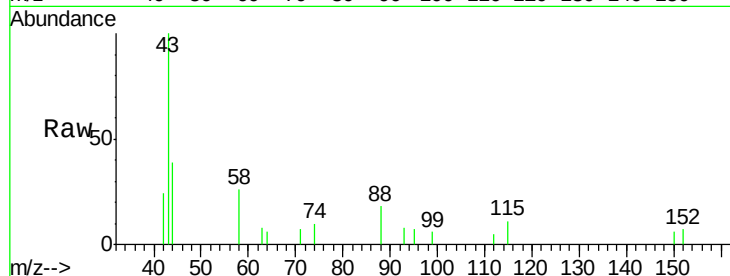




#3
n-Nitrosodimethylamine
Concen: 0.138 ng
RT: 3.47 min Scan# 79
Delta R.T. -0.06 min
Lab File: BN010977.D
Acq: 19 Jun 2020 19:23

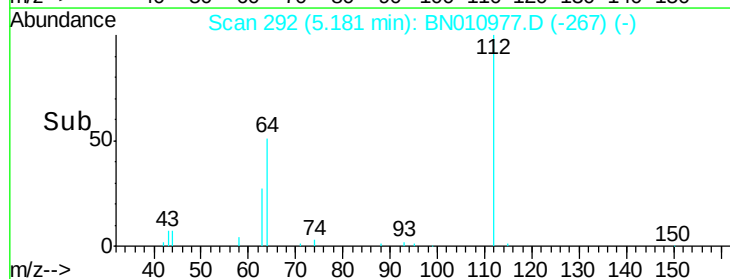
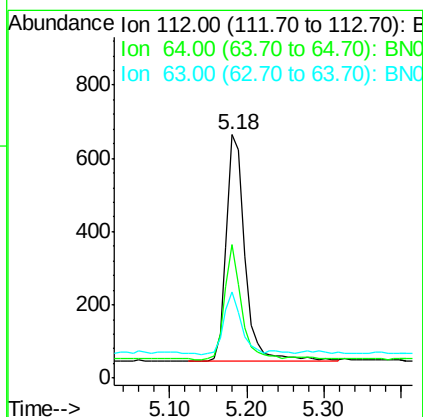
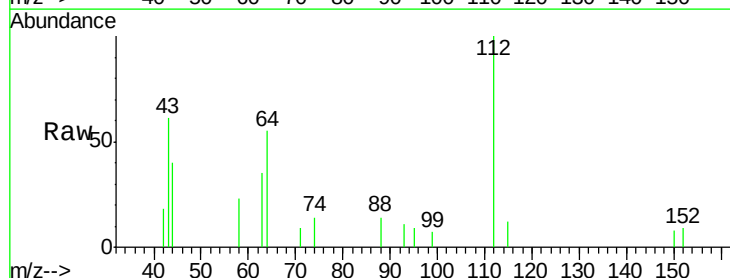
Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616

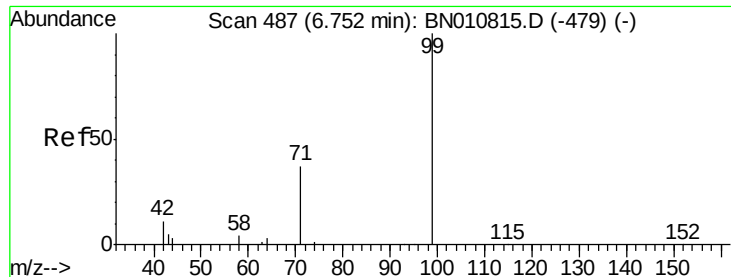
Tot Ion: 42 Resp: 185
Ion Ratio Lower Upper
42 100
74 0.0 140.7 211.1#
44 108.6 1.4 2.2#



#4
2-Fluorophenol
Concen: 0.227 ng
RT: 5.18 min Scan# 292
Delta R.T. -0.00 min
Lab File: BN010977.D
Acq: 19 Jun 2020 19:23

Tgt Ion: 112 Resp: 1034
Ion Ratio Lower Upper
112 100
64 45.5 37.4 56.0
63 25.5 22.2 33.4





#5

Phenol-d6

Concen: 0.120 ng

RT: 6.73 min Scan# 484

Delta R.T. -0.00 min

Lab File: BN010977.D

Acq: 19 Jun 2020 19:23

Instrument :

BNA_N

ClientSampleId :

RE139D2-20200616

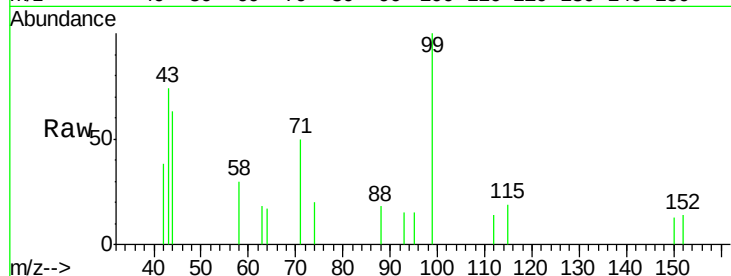
Tot Ion: 99 Resp: 645

Ion Ratio Lower Upper

99 100

42 17.2 11.1 16.7#

71 40.3 31.4 47.2

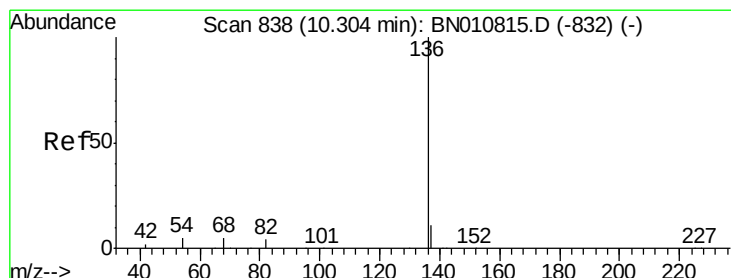
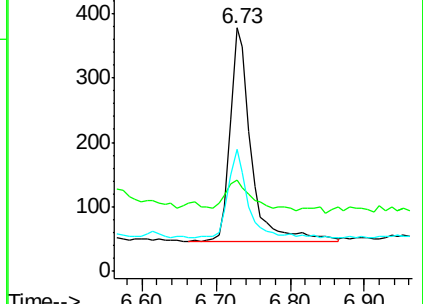
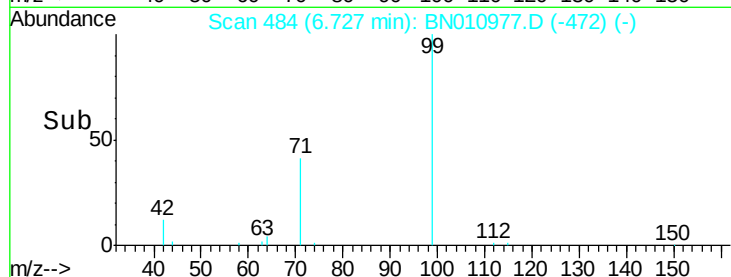


Abundance Ion 99.00 (98.70 to 99.70): BN010815.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010815.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010815.D (-479) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN010977.D

Acq: 19 Jun 2020 19:23

Tgt Ion: 136 Resp: 8233

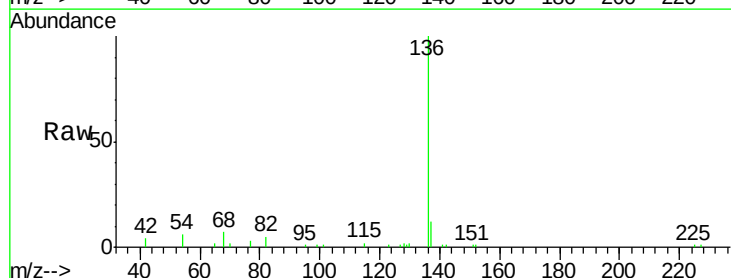
Ion Ratio Lower Upper

136 100

137 11.9 9.7 14.5

54 6.2 4.9 7.3

68 6.7 4.7 7.1



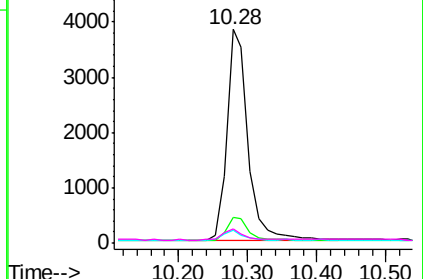
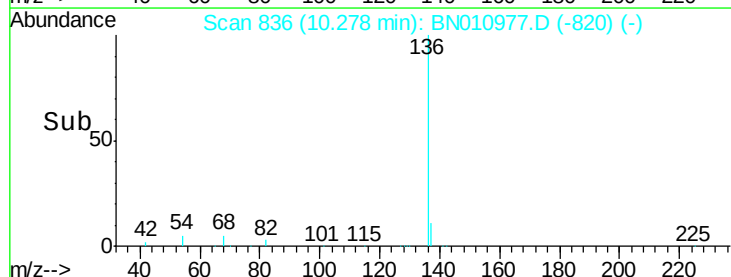
Abundance Ion 136.00 (135.70 to 136.70): BN010815.D (-832) (-)

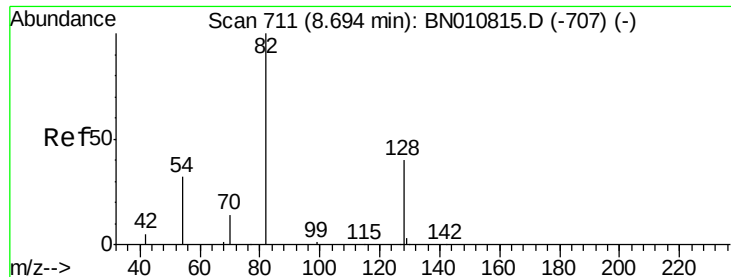
Ion 137.00 (136.70 to 137.70): BN010815.D (-832) (-)

Ion 54.00 (53.70 to 54.70): BN010815.D (-832) (-)

Ion 68.00 (67.70 to 68.70): BN010815.D (-832) (-)

Time-->

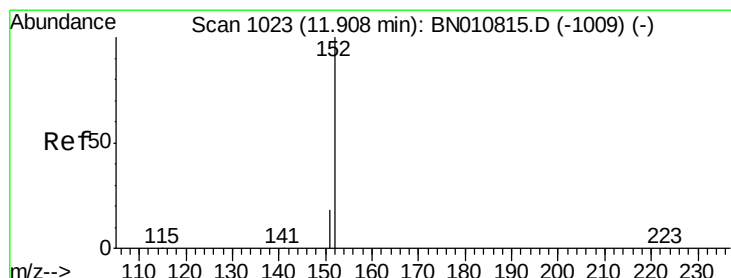
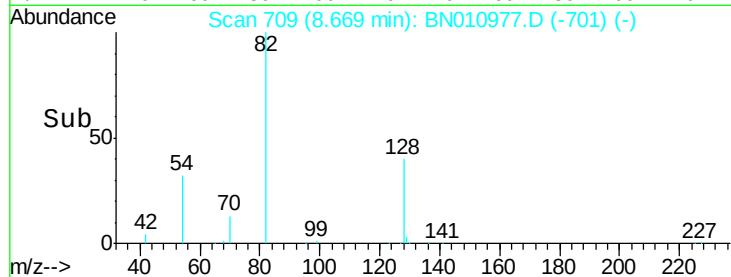
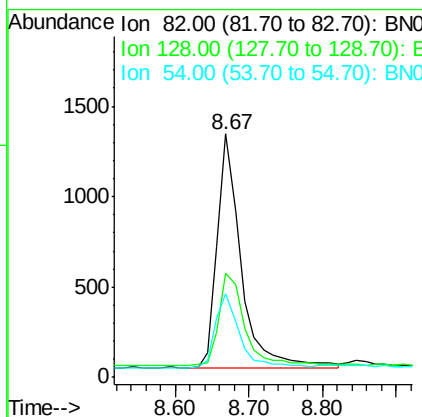
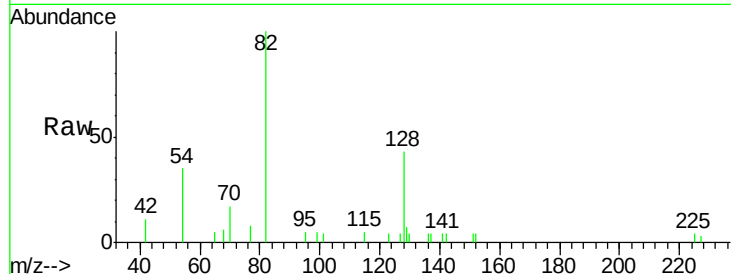




#8
 Nitrobenzene-d5
 Concen: 0.480 ng
 RT: 8.67 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BN010977.D
 Acq: 19 Jun 2020 19:23

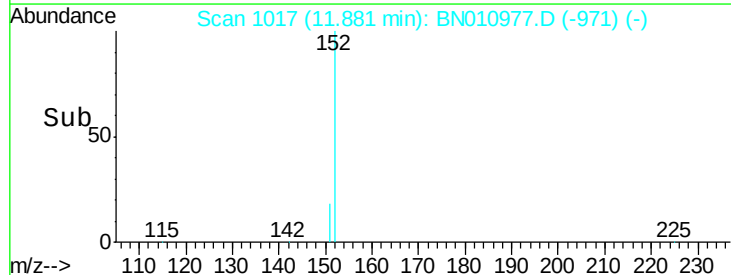
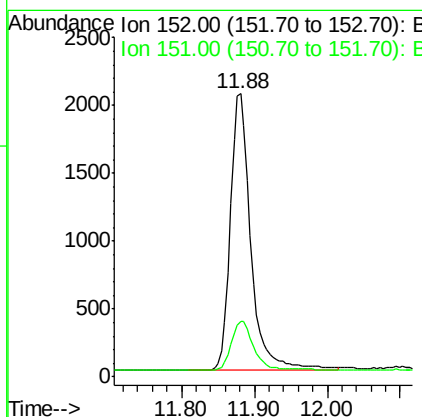
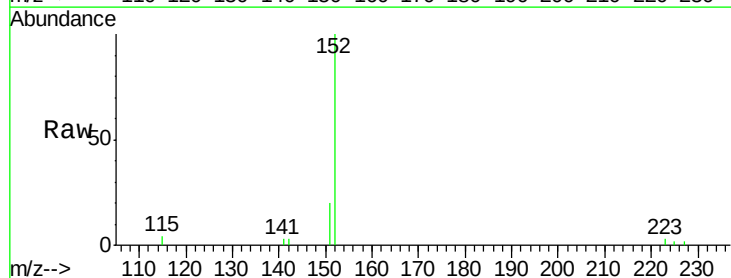
Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20200616

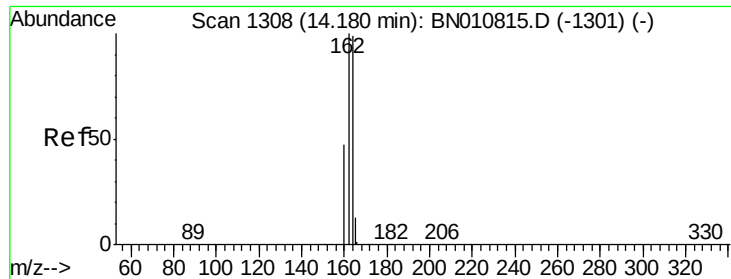
Tot Ion	82	Resp	2925
Ion Ratio	Lower	Upper	
82	100		
128	42.9	35.4	53.0
54	34.5	28.2	42.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.315 ng
 RT: 11.88 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BN010977.D
 Acq: 19 Jun 2020 19:23

Tgt Ion	152	Resp	4029
Ion Ratio	Lower	Upper	
152	100		
151	18.9	15.3	22.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.16 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BN010977.D

Acq: 19 Jun 2020 19:23

Instrument :

BNA_N

ClientSampleId :

RE139D2-20200616

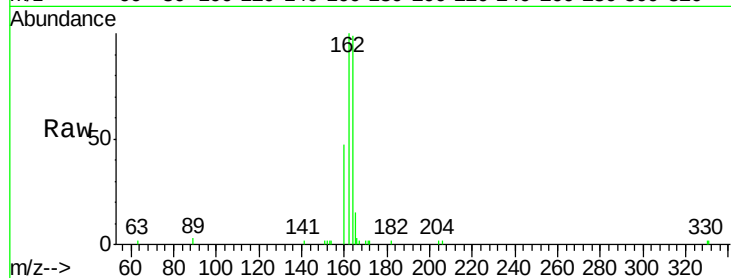
Tot Ion:164 Resp: 4284

Ion Ratio Lower Upper

164 100

162 100.8 81.0 121.6

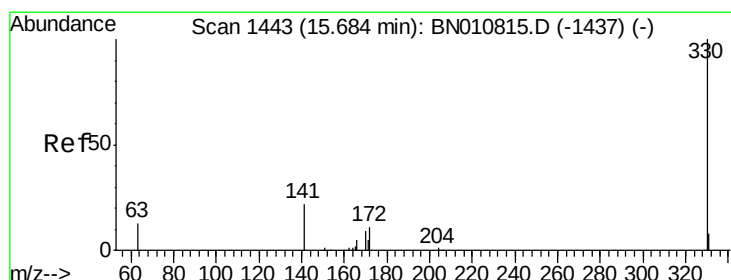
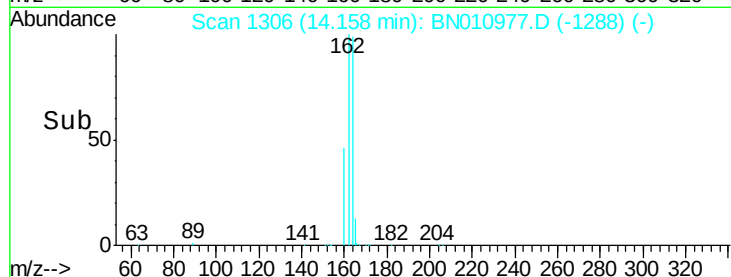
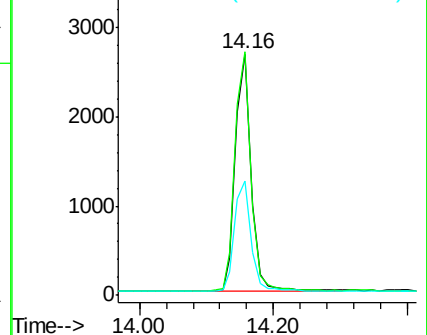
160 47.1 38.9 58.3



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: 0.444 ng

RT: 15.66 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BN010977.D

Acq: 19 Jun 2020 19:23

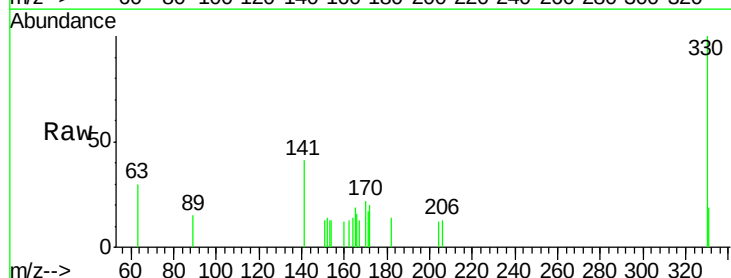
Tgt Ion:330 Resp: 681

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

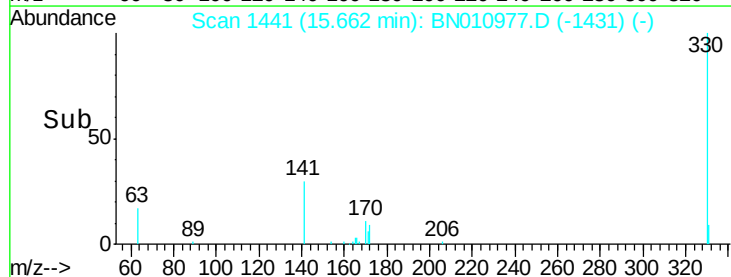
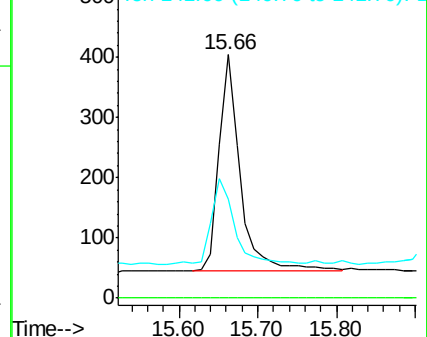
141 43.0 33.2 49.8

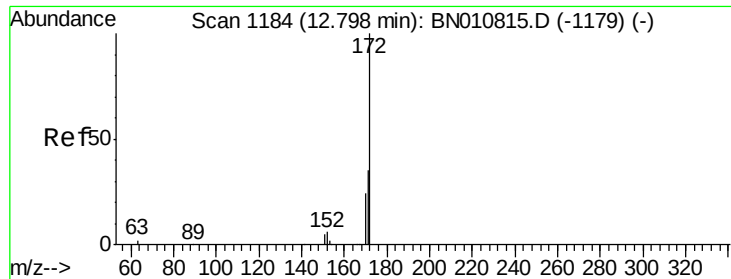


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

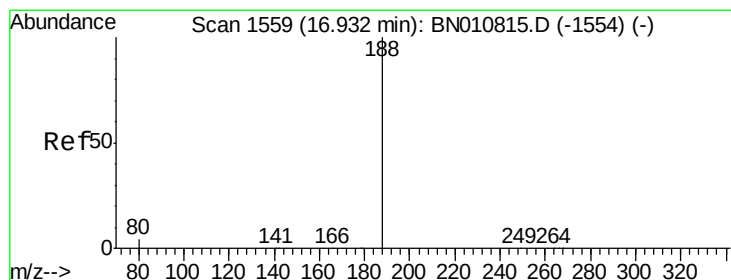
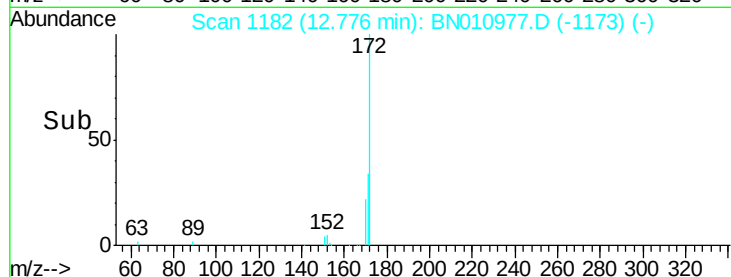
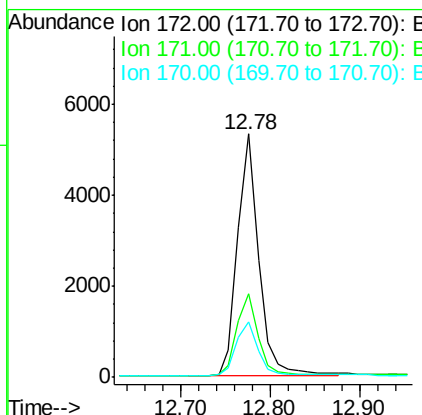
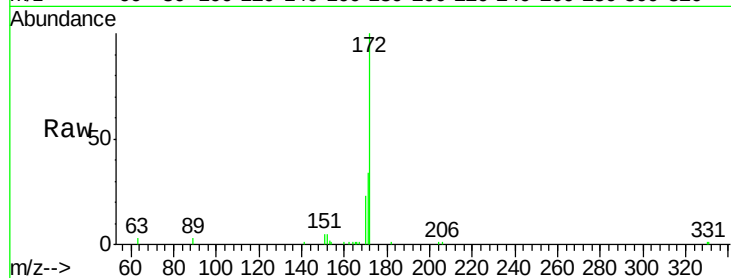




#15
2-Fluorobiphenyl
Concen: 0.519 ng
RT: 12.78 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BN010977.D
Acq: 19 Jun 2020 19:23

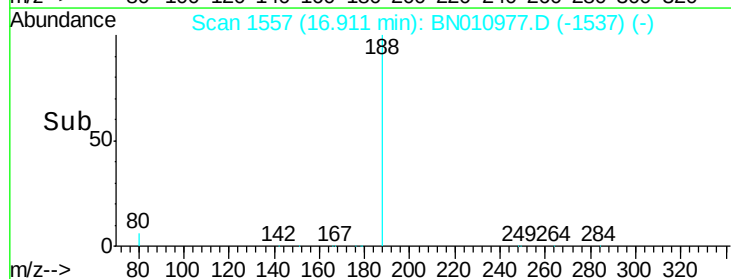
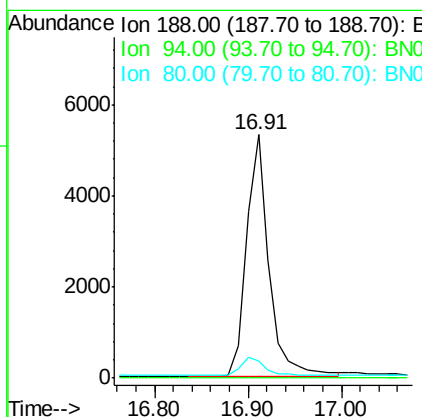
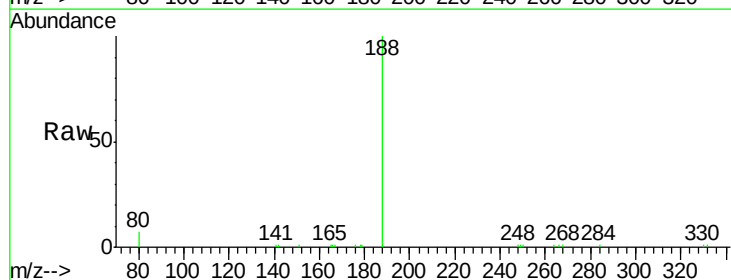
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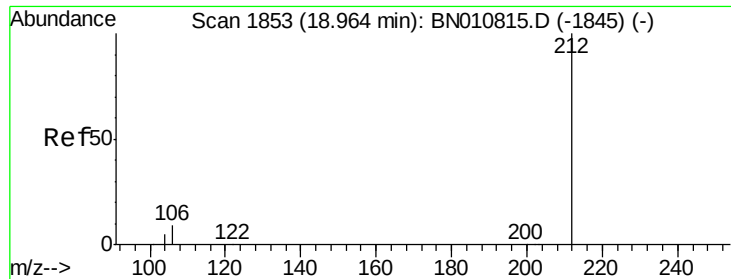
Tot Ion:172 Resp: 8766
Ion Ratio Lower Upper
172 100
171 34.2 28.5 42.7
170 22.7 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.91 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BN010977.D
Acq: 19 Jun 2020 19:23

Tgt Ion:188 Resp: 8795
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.2 4.5 6.7#

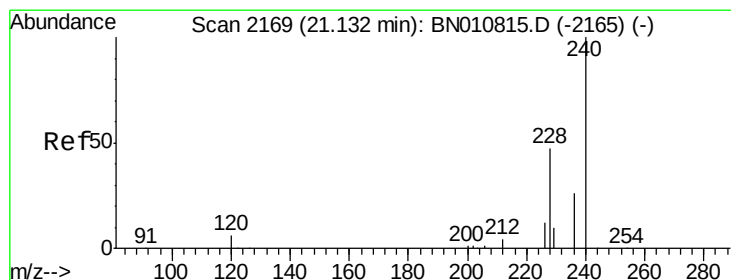
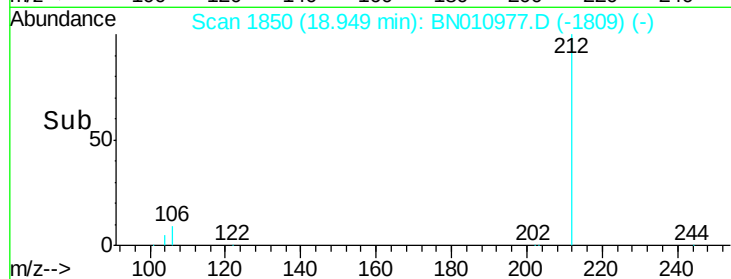
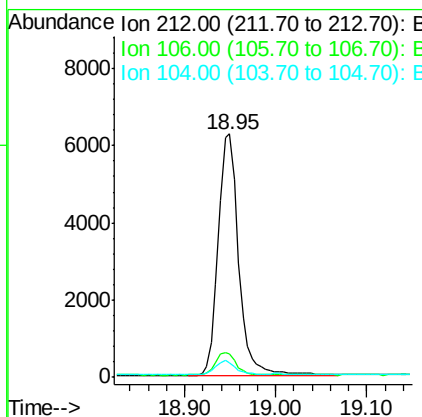
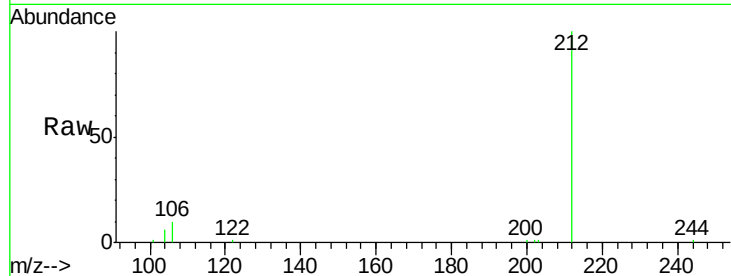




#25
Fluoranthene-d10
Concen: 0.402 ng
RT: 18.95 min Scan# 1850
Delta R.T. 0.00 min
Lab File: BN010977.D
Acq: 19 Jun 2020 19:23

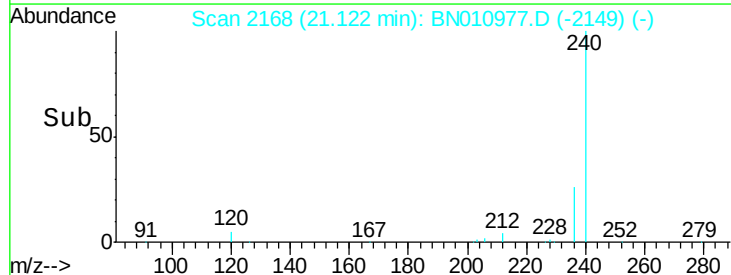
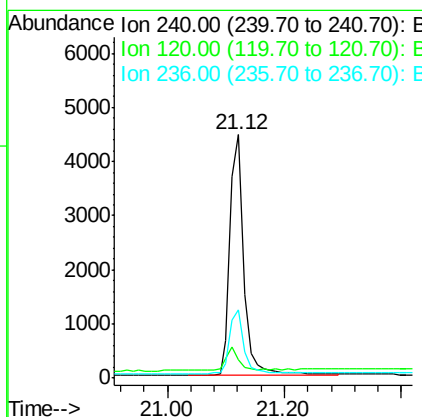
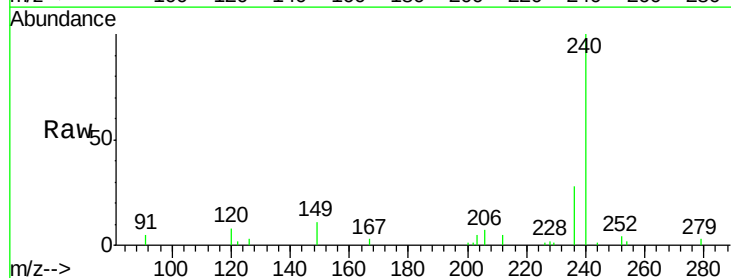
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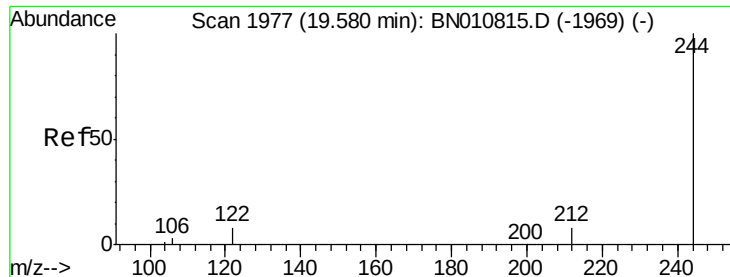
Tot Ion:212 Resp: 9747
Ion Ratio Lower Upper
212 100
106 9.5 6.6 10.0
104 5.3 4.0 6.0



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BN010977.D
Acq: 19 Jun 2020 19:23

Tgt Ion:240 Resp: 7300
Ion Ratio Lower Upper
240 100
120 7.7 7.5 11.3
236 27.9 22.3 33.5





#29

Terphenyl-d14

Concen: 0.632 ng

RT: 19.56 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BN010977.D

Acq: 19 Jun 2020 19:23

Instrument :

BNA_N

ClientSampleId :

RE139D2-20200616

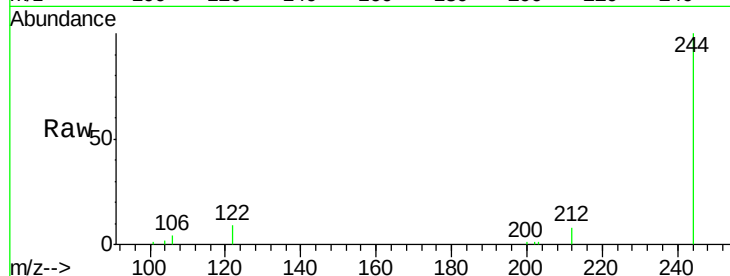
Tot Ion:244 Resp: 10802

Ion Ratio Lower Upper

244 100

212 8.2 7.4 11.2

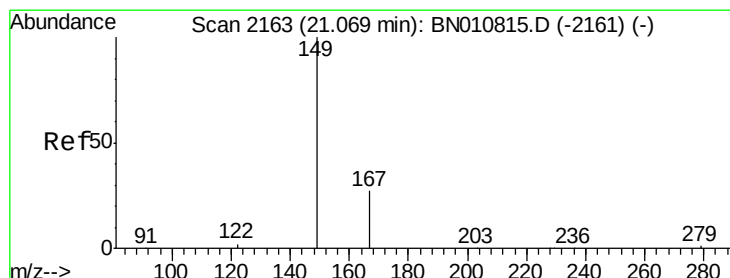
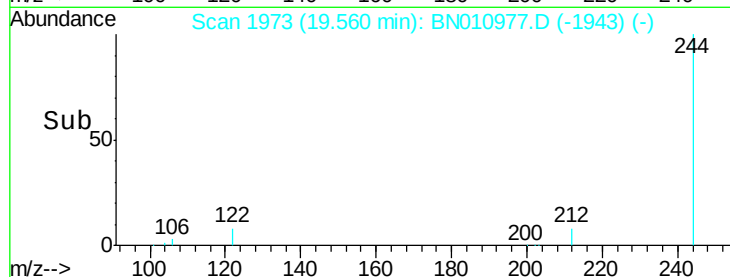
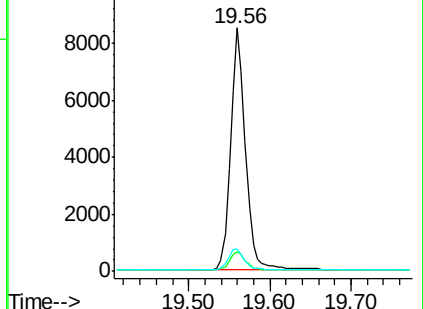
122 9.0 7.5 11.3



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

Bis(2-ethylhexyl)phthalate

Concen: 0.078 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN010977.D

Acq: 19 Jun 2020 19:23

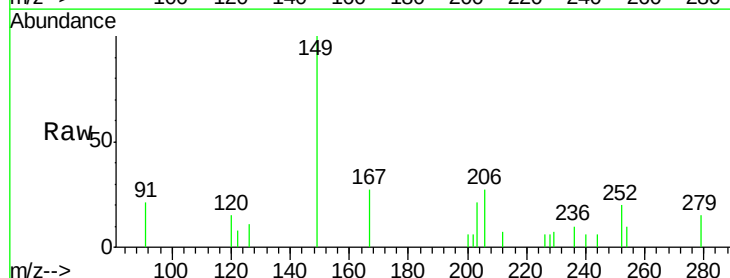
Tgt Ion:149 Resp: 556

Ion Ratio Lower Upper

149 100

167 27.9 24.1 36.1

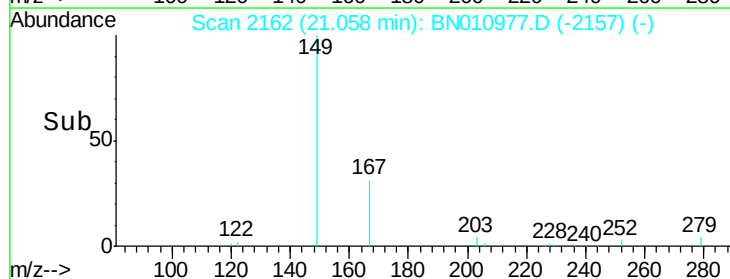
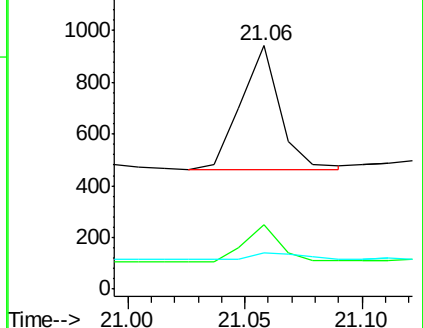
279 7.0 4.6 7.0#

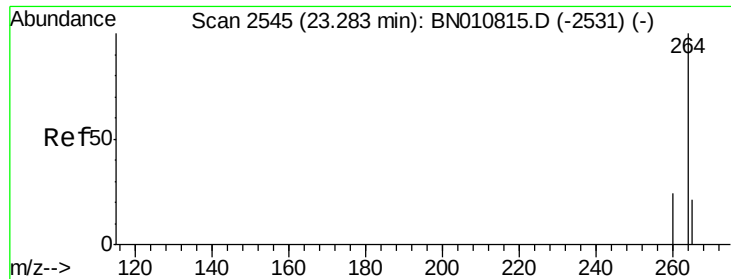


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

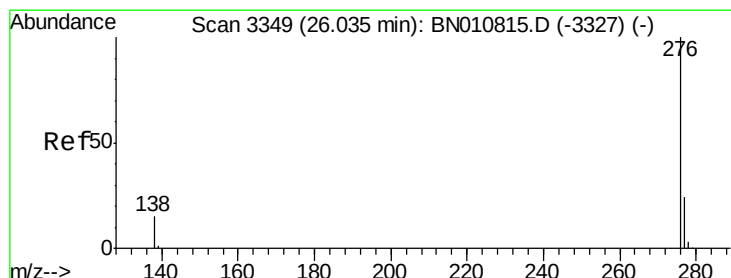
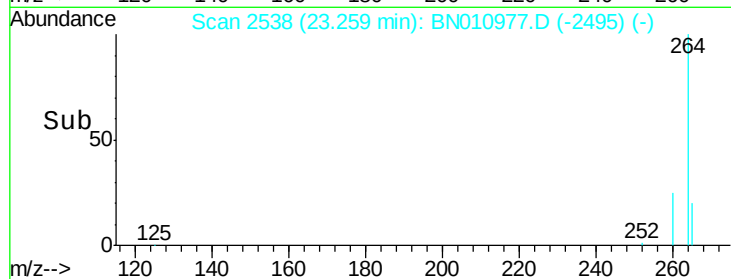
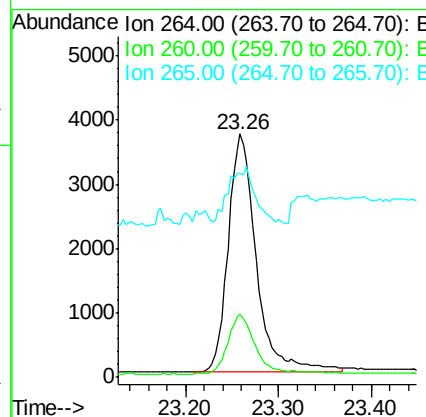
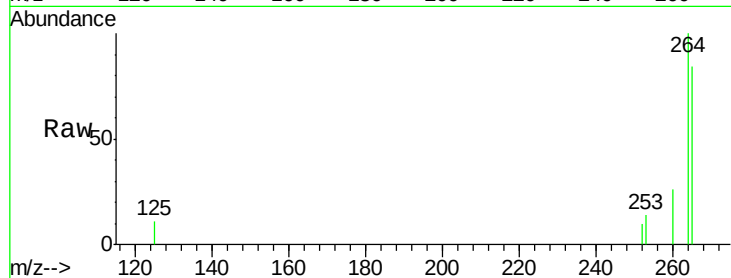




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.26 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BN010977.D
Acq: 19 Jun 2020 19:23

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200616

Tot Ion:264 Resp: 7905
Ion Ratio Lower Upper
264 100
260 25.7 20.4 30.6
265 83.7 75.0 112.4



#39
Benzo(g,h,i)perylene
Concen: 0.027 ng
RT: 26.00 min Scan# 3340
Delta R.T. 0.00 min
Lab File: BN010977.D
Acq: 19 Jun 2020 19:23

Tgt Ion:276 Resp: 739
Ion Ratio Lower Upper
276 100
277 46.5 20.5 30.7#
138 41.0 13.7 20.5#

