

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082520\
 Data File : BN011640.D
 Acq On : 26 Aug 2020 06:27
 Operator : CG/JU
 Sample : L3737-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS027-200818

Quant Time: Aug 26 07:04:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 25 03:31:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	2269	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	9240	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	5886	0.40	ng	-0.01
19) Phenanthrene-d10	17.14	188	13350	0.40	ng	0.00
29) Chrysene-d12	21.32	240	12640	0.40	ng	-0.01
36) Perylene-d12	23.58	264	13805	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	974	0.13	ng	0.00
5) Phenol-d6	6.91	99	826	0.08	ng	0.00
8) Nitrobenzene-d5	8.89	82	3979	0.50	ng	-0.01
11) 2-Methylnaphthalene-d10	12.13	152	4501	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1203	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	11682	0.51	ng	-0.01
27) Fluoranthene-d10	19.17	212	13290	0.31	ng	0.00
31) Terphenyl-d14	19.77	244	22251	0.69	ng	0.00

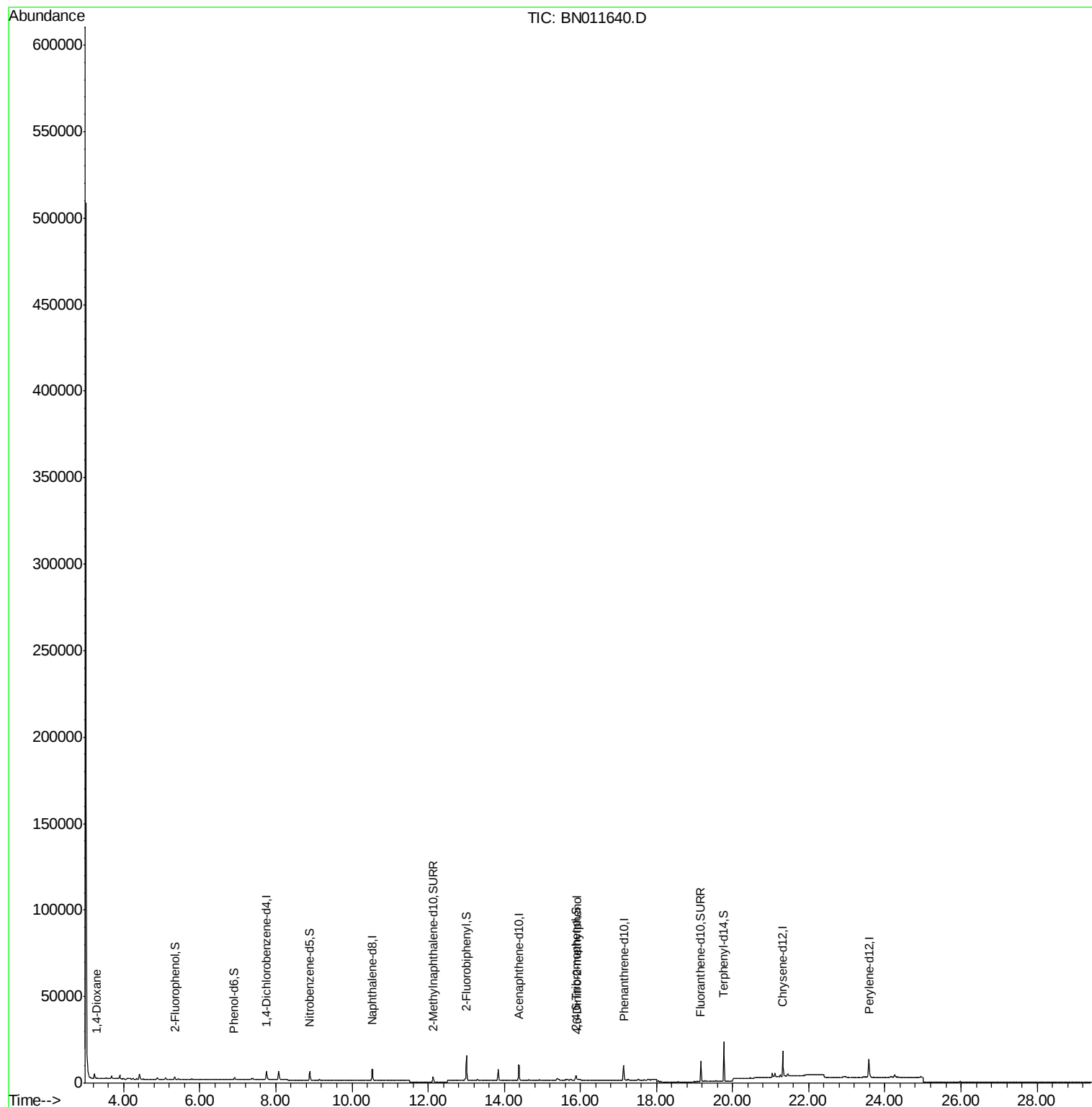
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	232	0.066	ng	# 1
20) 4,6-Dinitro-2-methylphenol	15.90	198	38	0.025	ng	# 1
34) Bis(2-ethylhexyl)phthalate	21.26	149	968	Below Cal		# 96

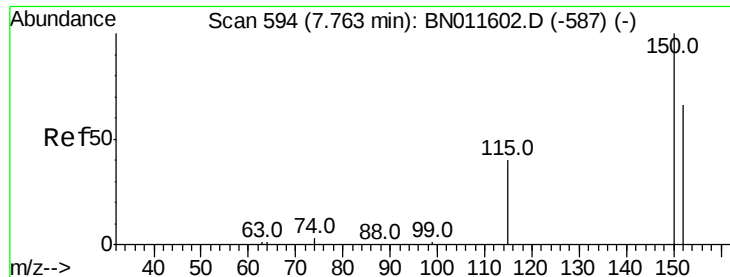
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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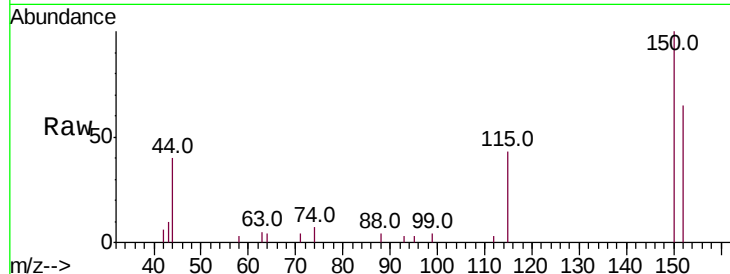


#1

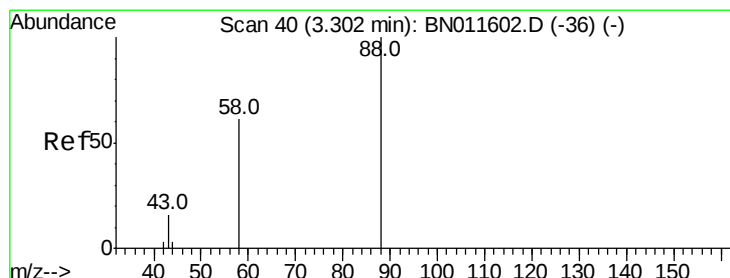
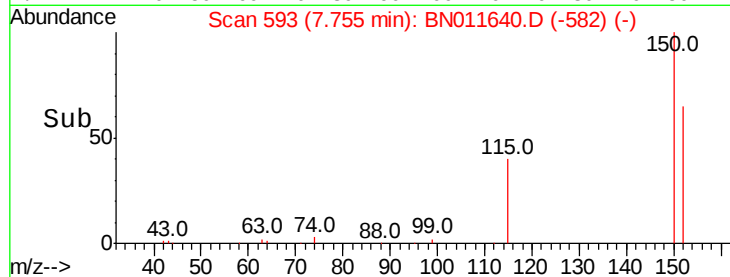
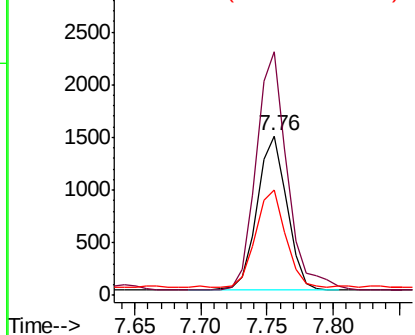
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 593
Delta R.T. -0.01 min
Lab File: BN011640.D
Acq: 26 Aug 2020 06:27

Instrument :
BNA_N
ClientSampleId :
KY038PS027-200818

Tot Ion:152 Resp: 2269
Ion Ratio Lower Upper
152 100
150 152.7 112.4 168.6
115 65.9 56.9 85.3



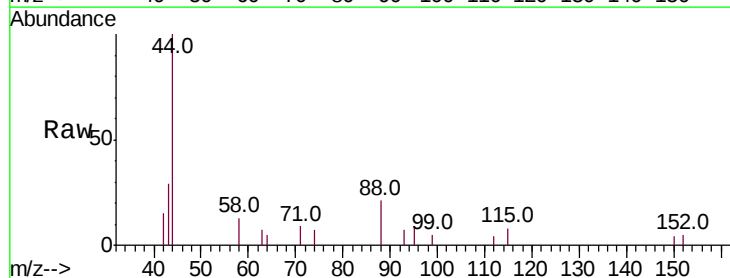
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



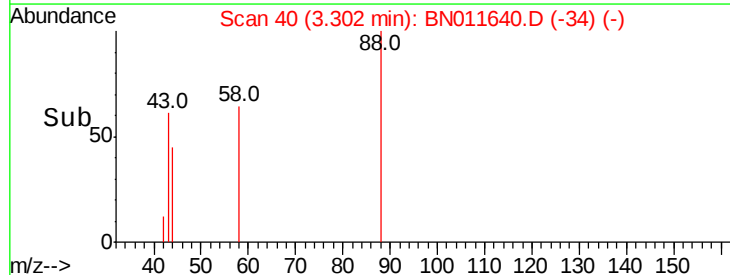
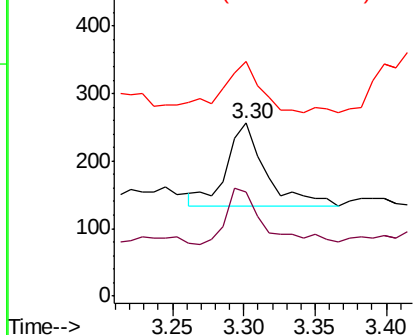
#2

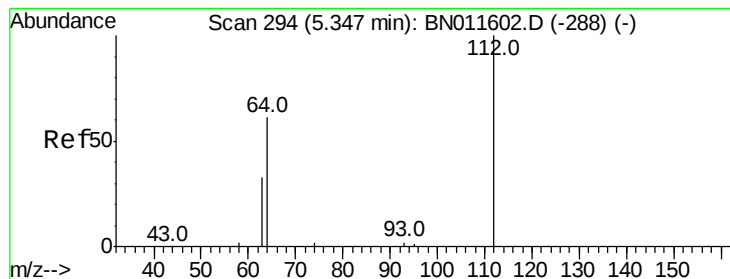
1,4-Dioxane
Concen: 0.066 ng
RT: 3.30 min Scan# 40
Delta R.T. -0.00 min
Lab File: BN011640.D
Acq: 26 Aug 2020 06:27

Tgt Ion: 88 Resp: 232
Ion Ratio Lower Upper
88 100
58 64.7 3.0 4.4#
43 56.0 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





#4

2-Fluorophenol

Concen: 0.134 ng

RT: 5.35 min Scan# 294

Delta R.T. -0.00 min

Lab File: BN011640.D

Acq: 26 Aug 2020 06:27

Instrument :

BNA_N

ClientSampleId :

KY038PS027-200818

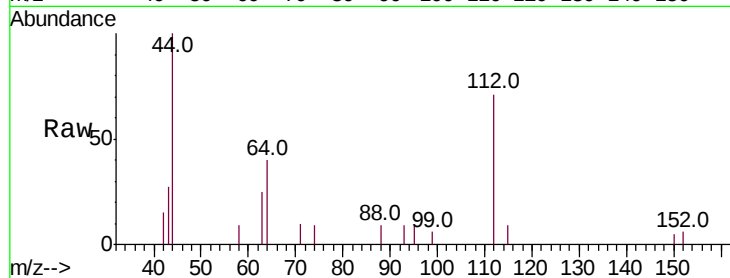
Tot Ion:112 Resp: 974

Ion Ratio Lower Upper

112 100

64 61.4 49.6 74.4

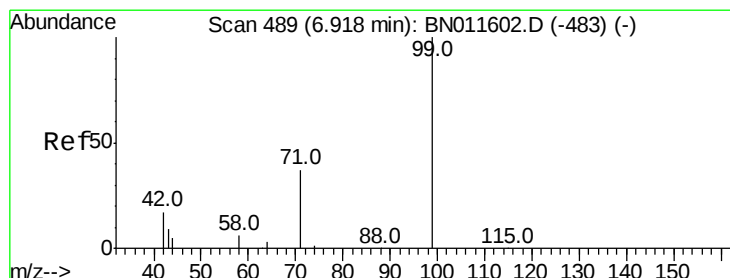
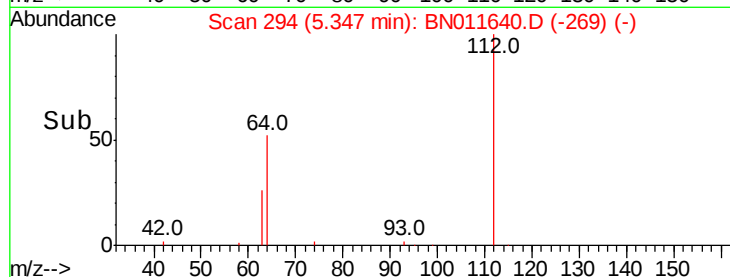
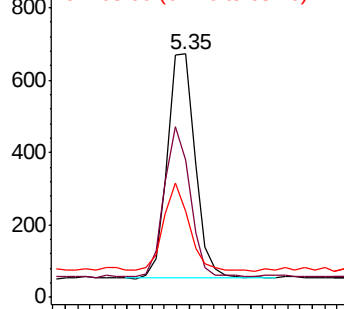
63 36.6 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#5

Phenol-d6

Concen: 0.081 ng

RT: 6.91 min Scan# 488

Delta R.T. -0.01 min

Lab File: BN011640.D

Acq: 26 Aug 2020 06:27

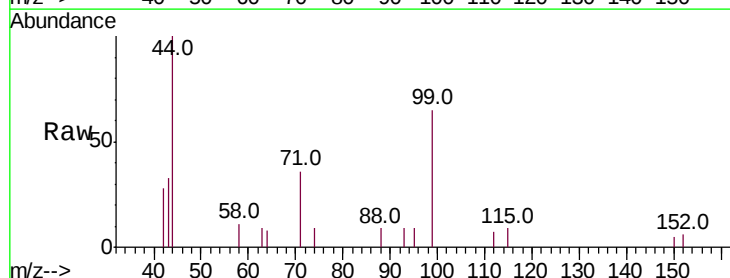
Tgt Ion: 99 Resp: 826

Ion Ratio Lower Upper

99 100

42 26.6 0.0 0.0#

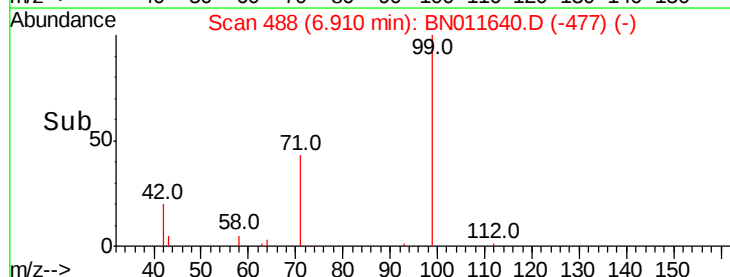
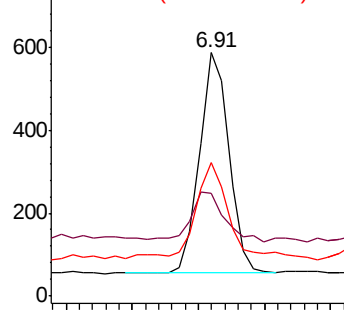
71 49.5 0.0 0.0#

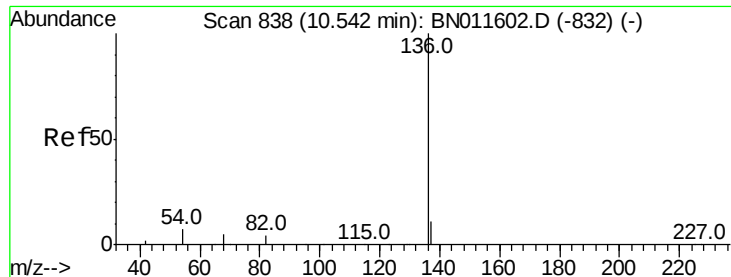


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN011640.D

Acq: 26 Aug 2020 06:27

Instrument :

BNA_N

ClientSampleId :

KY038PS027-200818

Tot Ion:136 Resp: 9240

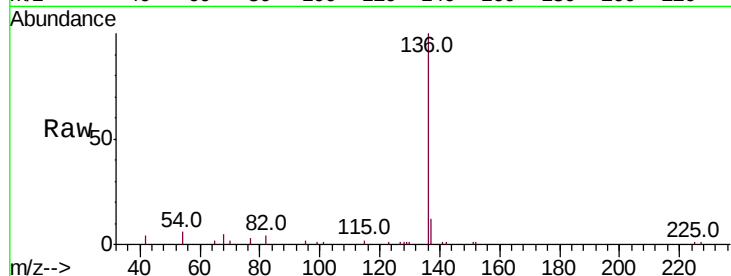
Ion Ratio Lower Upper

136 100

137 11.8 11.5 17.3

54 5.9 11.9 17.9#

68 4.7 12.3 18.5#

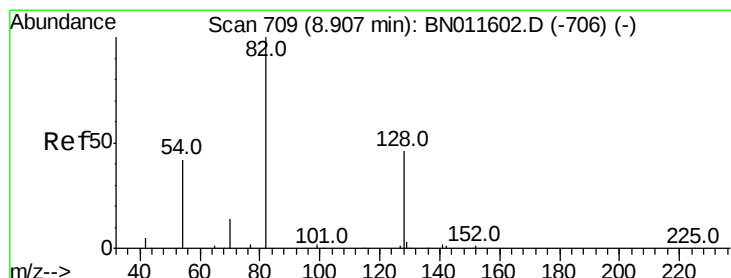
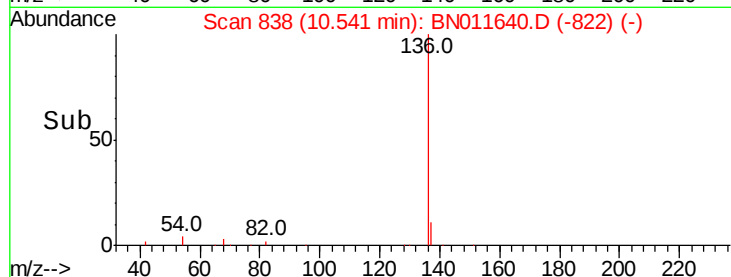
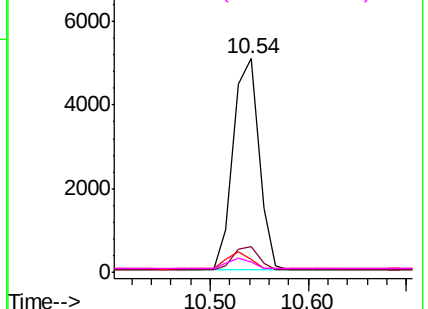


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.497 ng

RT: 8.89 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN011640.D

Acq: 26 Aug 2020 06:27

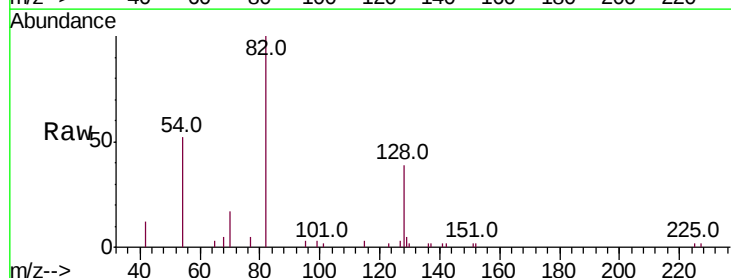
Tgt Ion: 82 Resp: 3979

Ion Ratio Lower Upper

82 100

128 38.7 31.1 46.7

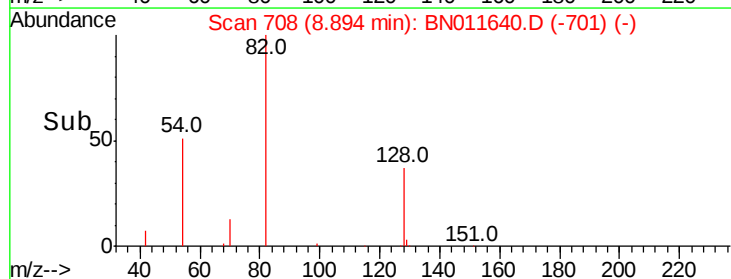
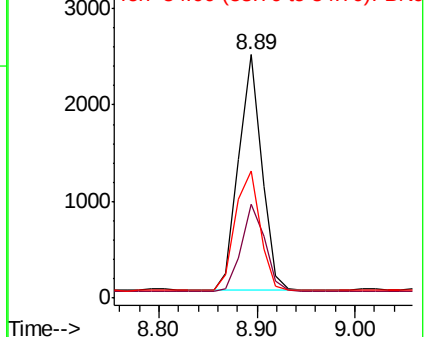
54 52.1 37.1 55.7

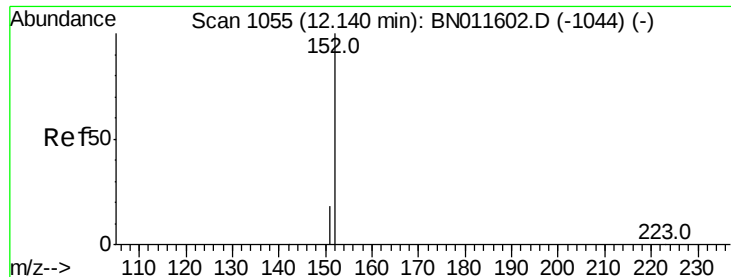


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

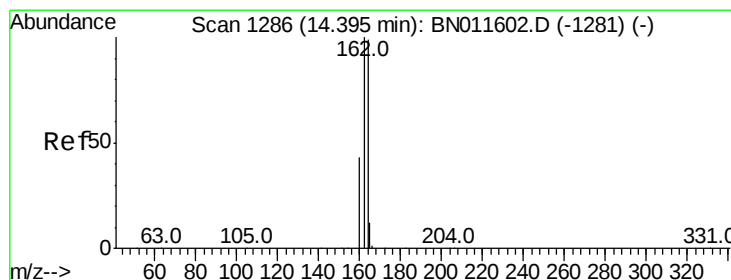
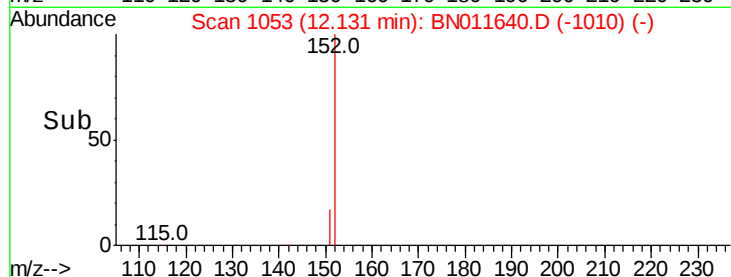
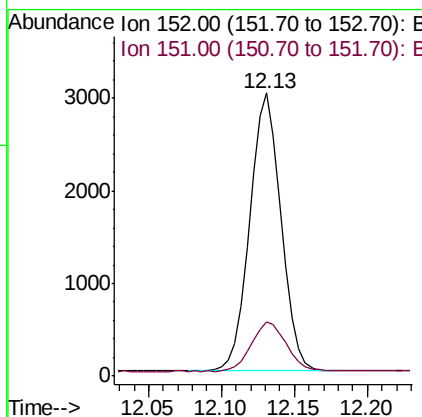
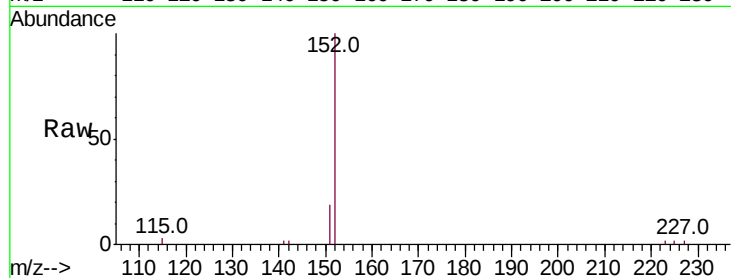




#11
2-Methylnaphthalene-d10
Concen: 0.257 ng
RT: 12.13 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BN011640.D
Acq: 26 Aug 2020 06:27

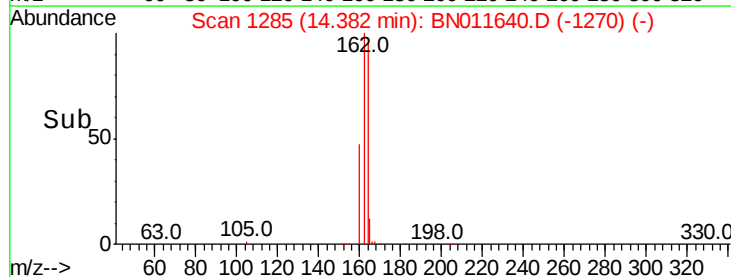
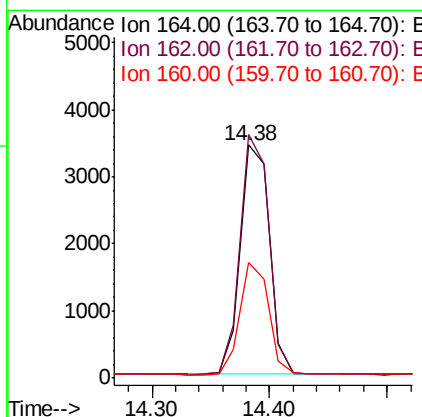
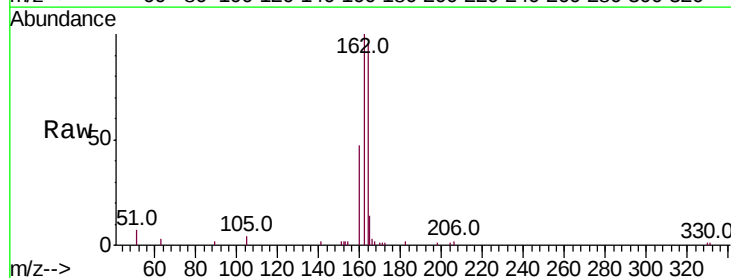
Instrument :
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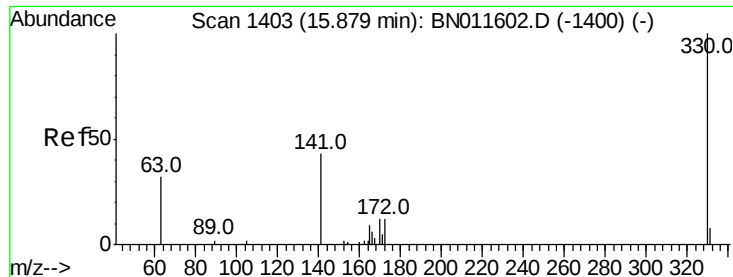
Tot Ion:152 Resp: 4501
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.38 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BN011640.D
Acq: 26 Aug 2020 06:27

Tgt Ion:164 Resp: 5886
Ion Ratio Lower Upper
164 100
162 104.6 80.8 121.2
160 49.7 35.6 53.4

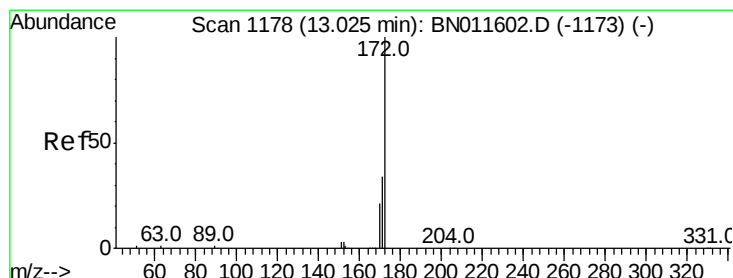
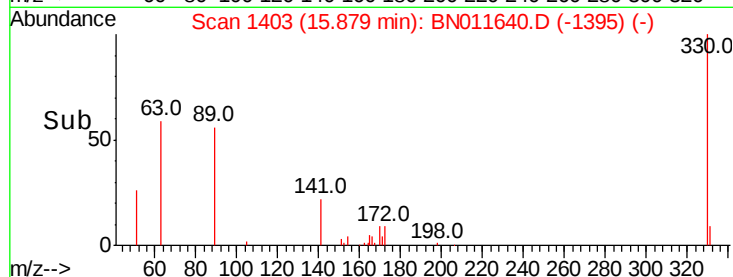
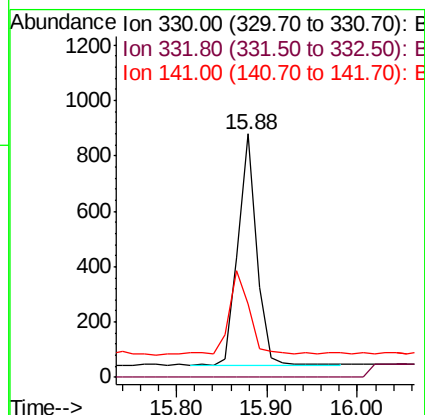
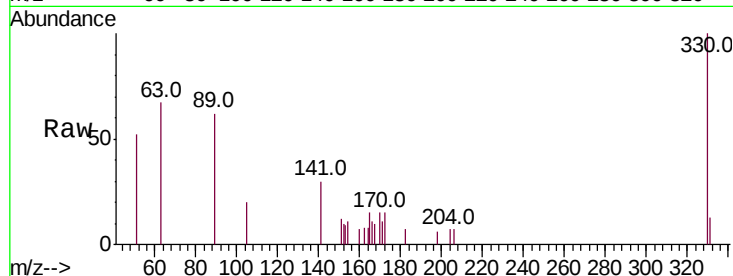




#14
2,4,6-Tribromophenol
Concen: 0.372 ng
RT: 15.88 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BN011640.D
Acq: 26 Aug 2020 06:27

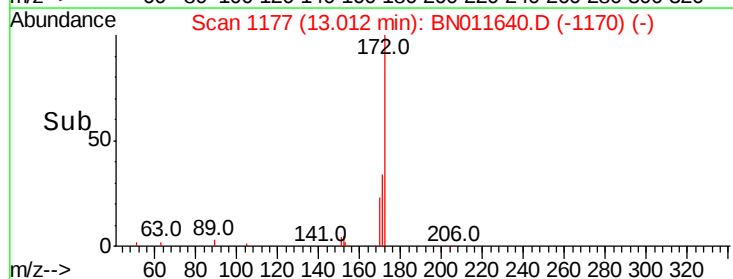
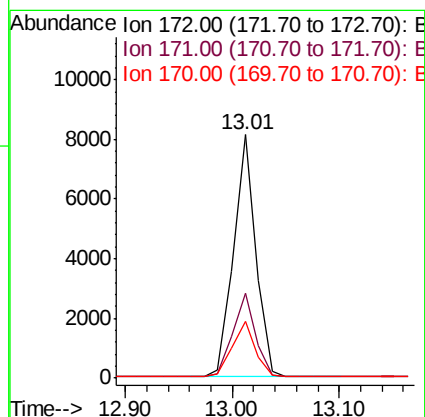
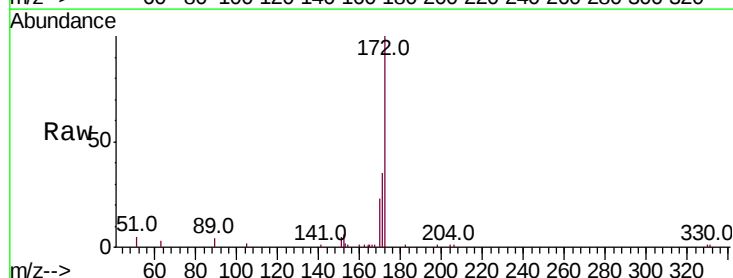
Instrument :
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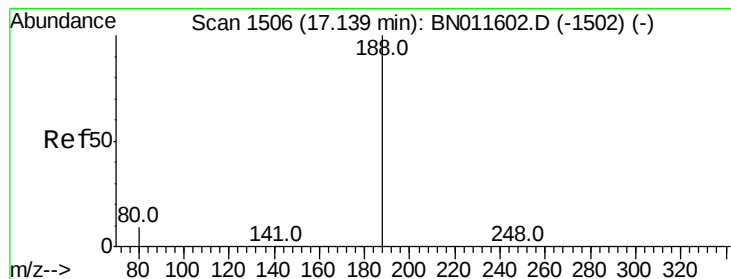
Tot Ion:330 Resp: 1203
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.2 29.4 44.2



#15
2-Fluorobiphenyl
Concen: 0.510 ng
RT: 13.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN011640.D
Acq: 26 Aug 2020 06:27

Tgt Ion:172 Resp: 11682
Ion Ratio Lower Upper
172 100
171 34.7 28.6 42.8
170 23.5 18.2 27.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.14 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BN011640.D

Acq: 26 Aug 2020 06:27

Instrument :

BNA_N

ClientSampleId :

KY038PS027-200818

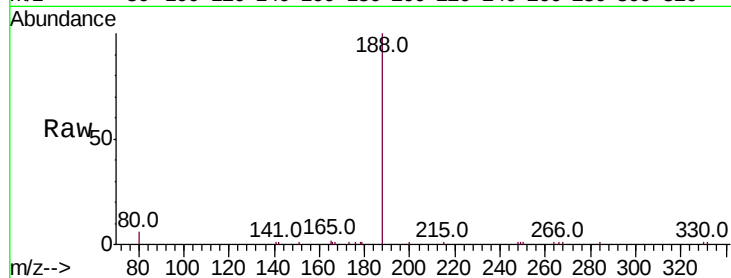
Tot Ion:188 Resp: 13350

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 5.6 9.2 13.8#



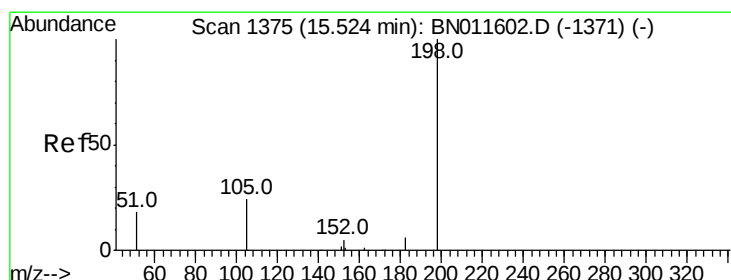
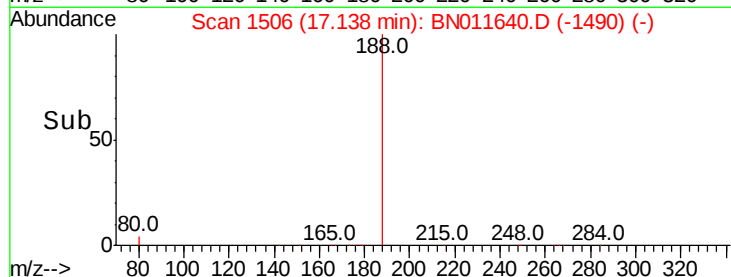
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

17.14

Time-->



#20

4,6-Dinitro-2-methylphenol

Concen: 0.025 ng

RT: 15.90 min Scan# 1405

Delta R.T. 0.38 min

Lab File: BN011640.D

Acq: 26 Aug 2020 06:27

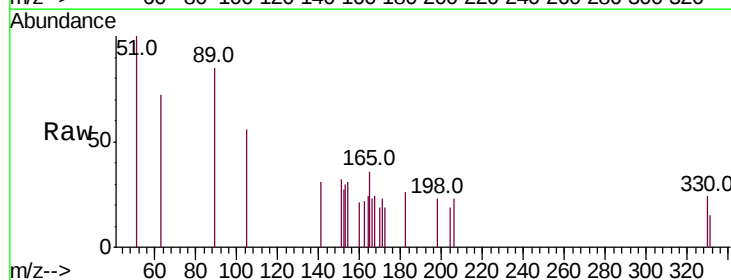
Tgt Ion:198 Resp: 38

Ion Ratio Lower Upper

198 100

51 434.3 99.6 149.4#

105 241.4 118.8 178.2#



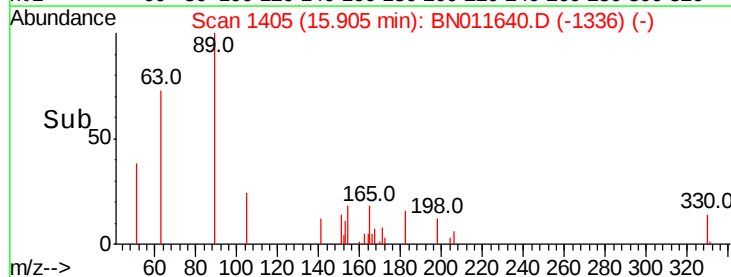
Abundance Ion 198.00 (197.70 to 198.70): E

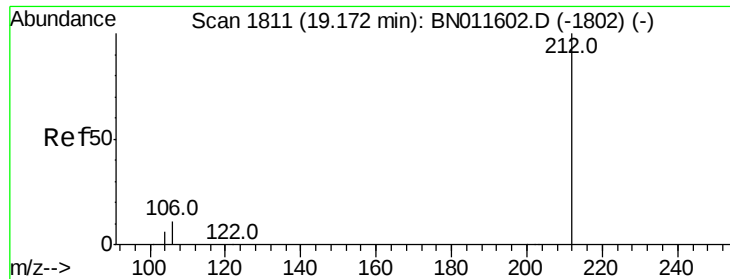
Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

15.90

Time-->

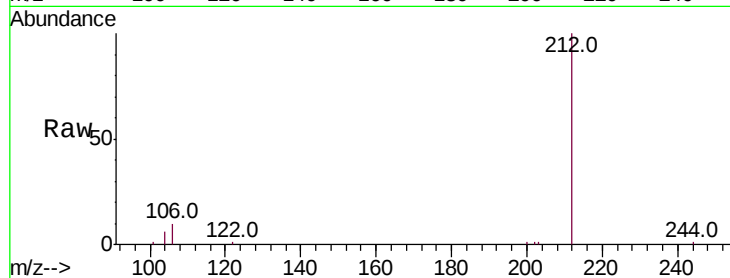




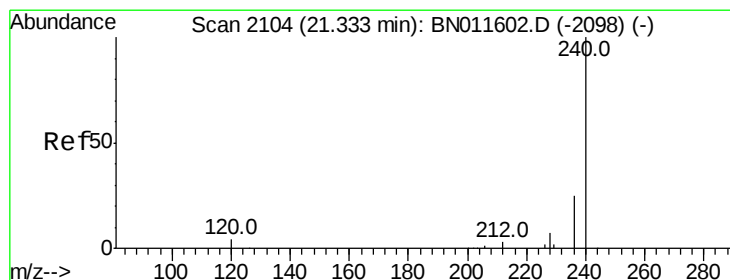
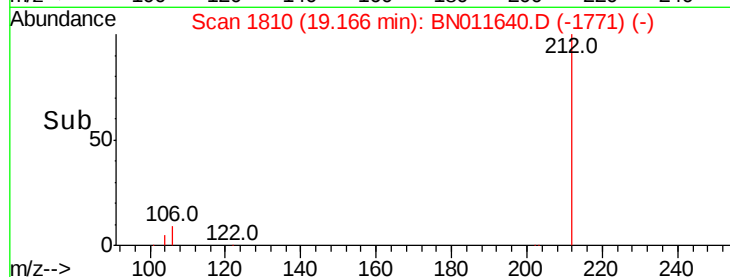
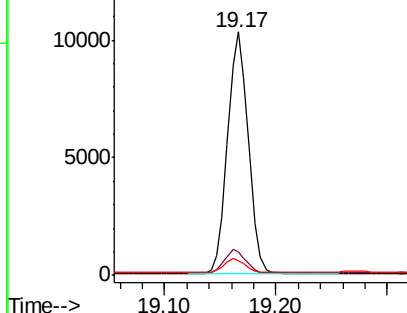
#27
Fluoranthene-d10
Concen: 0.305 ng
RT: 19.17 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BN011640.D
Acq: 26 Aug 2020 06:27

Instrument :
BNA_N
ClientSampleId :
KY038PS027-200818

Tot Ion:212 Resp: 13290
Ion Ratio Lower Upper
212 100
106 9.5 8.9 13.3
104 5.8 5.3 7.9

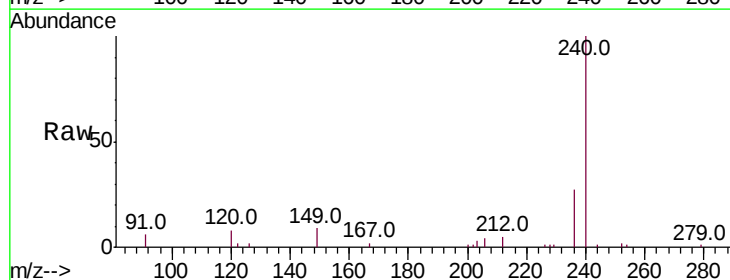


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

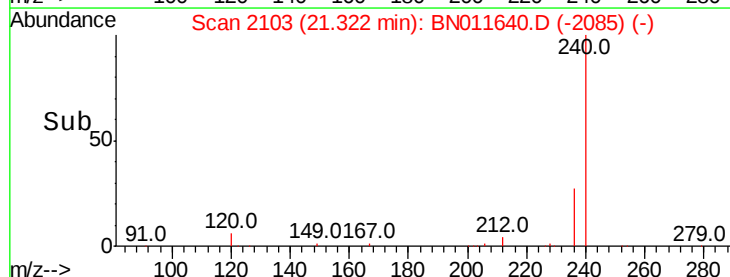
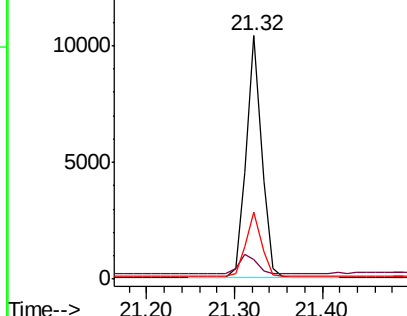


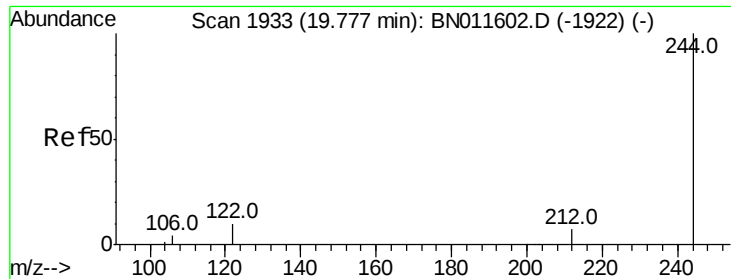
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BN011640.D
Acq: 26 Aug 2020 06:27

Tgt Ion:240 Resp: 12640
Ion Ratio Lower Upper
240 100
120 8.2 6.0 9.0
236 27.5 20.8 31.2



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





#31

Terphenyl-d14

Concen: 0.689 ng

RT: 19.77 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BN011640.D

Acq: 26 Aug 2020 06:27

Instrument :

BNA_N

ClientSampleId :

KY038PS027-200818

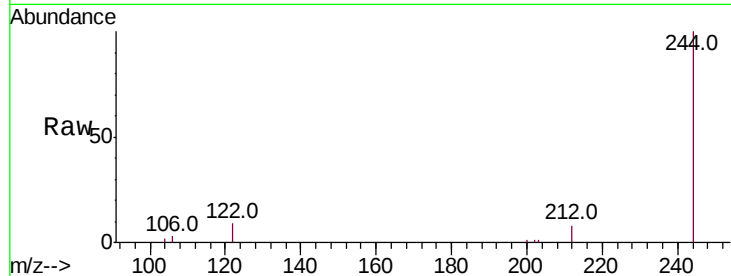
Tot Ion:244 Resp: 22251

Ion Ratio Lower Upper

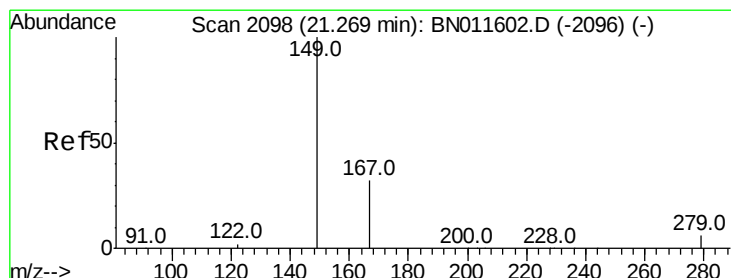
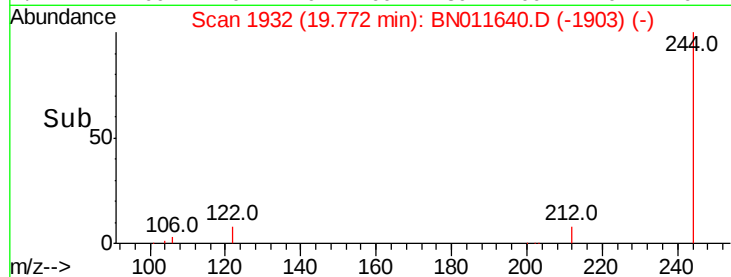
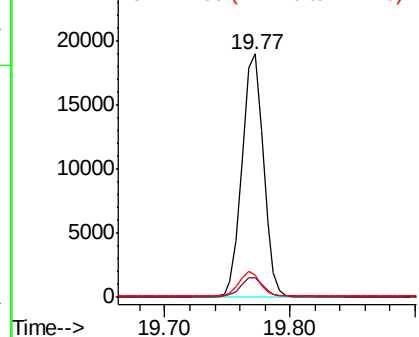
244 100

212 8.1 6.5 9.7

122 9.0 9.5 14.3#



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



#34

Bis(2-ethylhexyl)phthalate

Concen: Below Cal

RT: 21.26 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BN011640.D

Acq: 26 Aug 2020 06:27

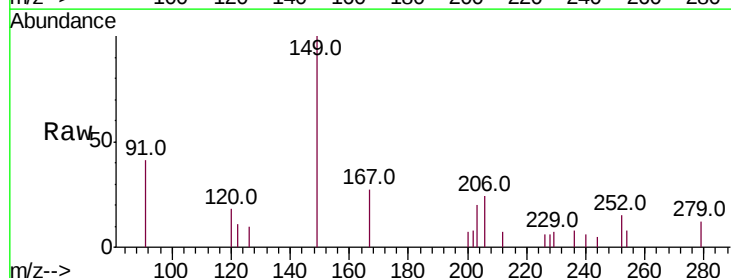
Tgt Ion:149 Resp: 968

Ion Ratio Lower Upper

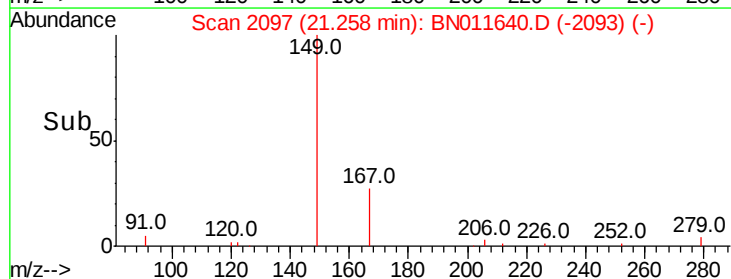
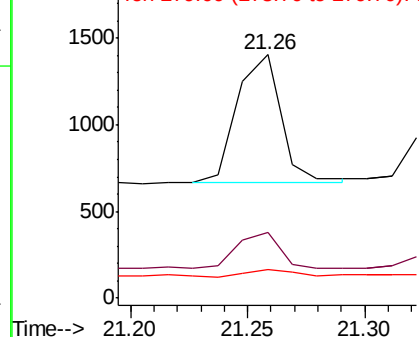
149 100

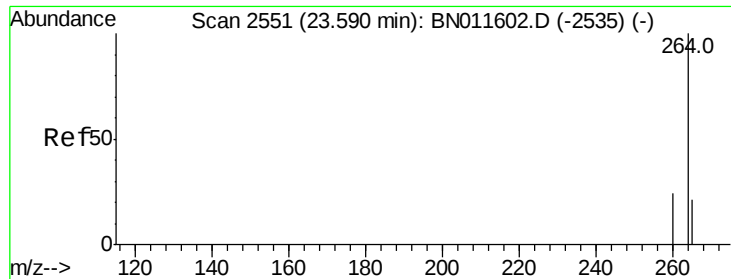
167 27.8 20.6 31.0

279 6.4 3.8 5.8#



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

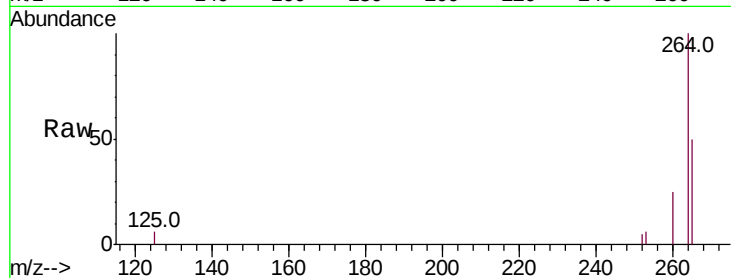




#36
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.58 min Scan# 2548
 Delta R.T. -0.01 min
 Lab File: BN011640.D
 Acq: 26 Aug 2020 06:27

Instrument :
 BNA_N
 ClientSampleId :
 KY038PS027-200818

Tot Ion:264 Resp: 13805
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.6 29.4
 265 49.5 40.7 61.1



Abundance Ion 264.00 (263.70 to 264.70): E
 10000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

