

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081219\
 Data File : BN007127.D
 Acq On : 13 Aug 2019 12:19
 Operator : HP/JU
 Sample : K4240-03
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 13 12:58:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 12:12:02 2019
 Response via : Initial Calibration

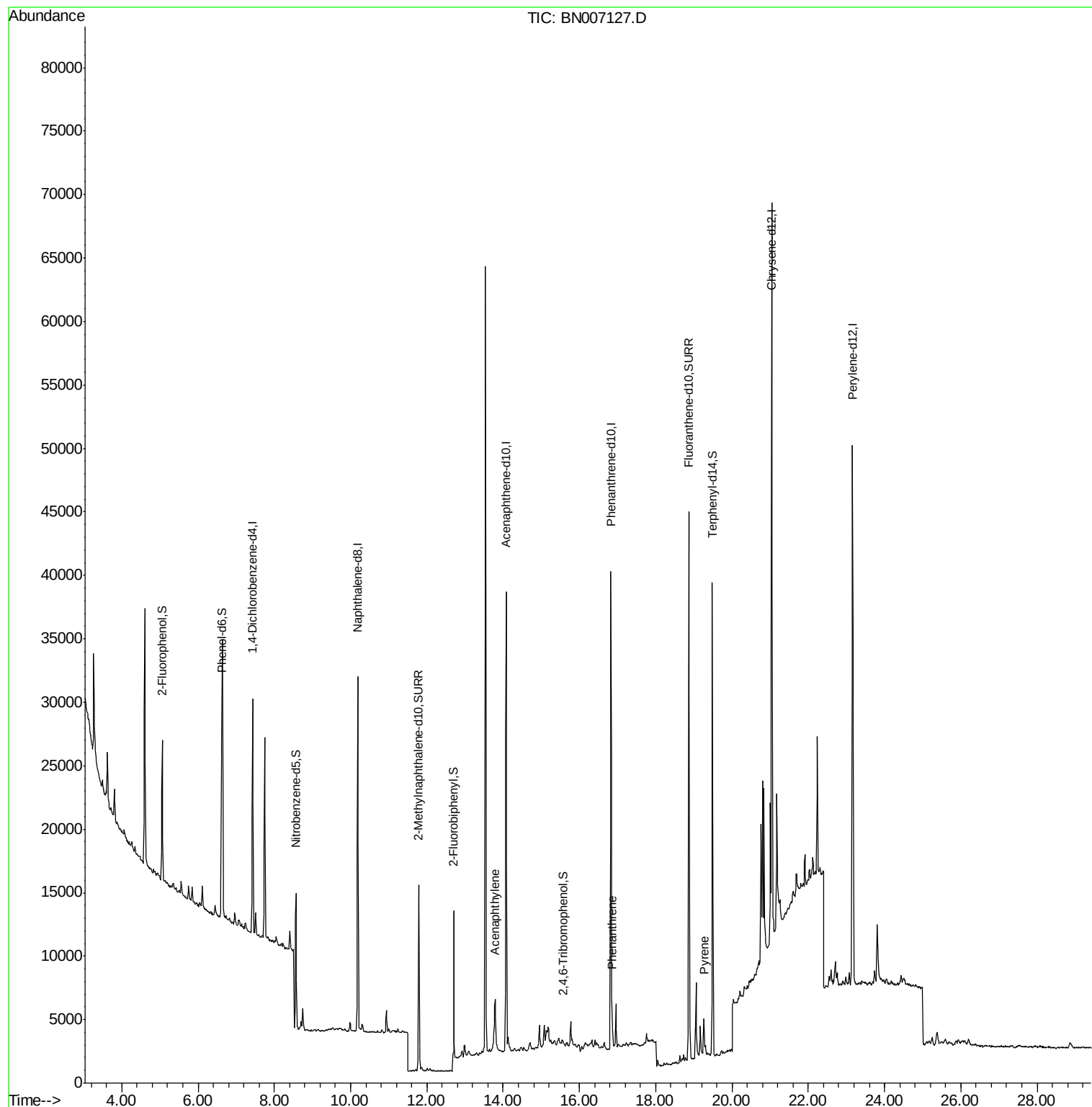
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	9372	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	36764	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	20676	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	48580	0.40	ng	0.00
26) Chrysene-d12	21.05	240	47654	0.40	ng	-0.01
32) Perylene-d12	23.16	264	52476	0.40	ng	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	5.06	112	8752	0.39	ng	0.00
4) Phenol-d6	6.62	99	11662	0.42	ng	0.00
7) Nitrobenzene-d5	8.56	82	9166	0.31	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	20356	0.30	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	258	0.02	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	5143	0.17	ng	0.00
24) Fluoranthene-d10	18.87	212	50226	0.29	ng	0.00
28) Terphenyl-d14	19.49	244	38494	0.30	ng	-0.01
Target Compounds						
15) Acenaphthylene	13.79	152	11453	0.106	ng	96
22) Phenanthrene	16.87	178	3010	0.021	ng	# 90
27) Pyrene	19.26	202	3417	0.020	ng	# 86

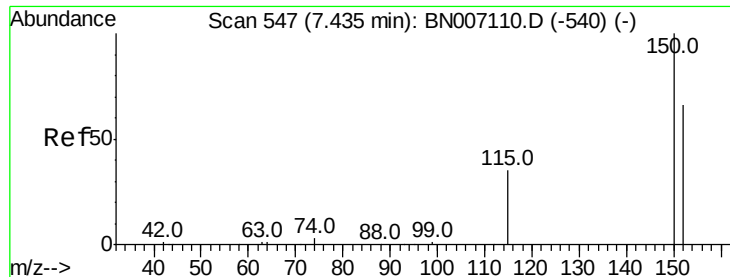
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 13 12:58:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration



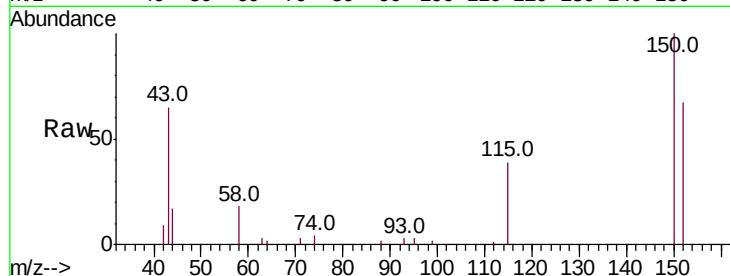


#1

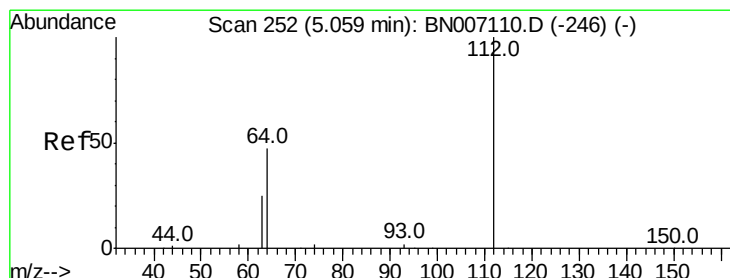
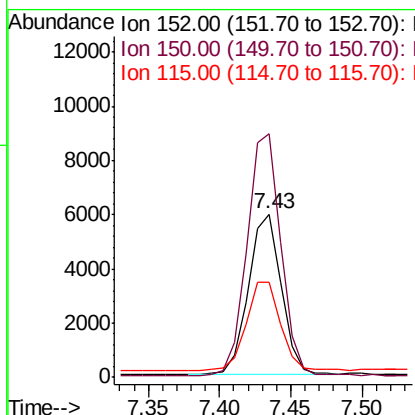
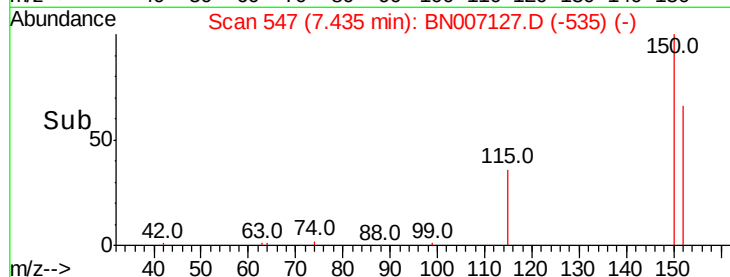
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007127.D
Acq: 13 Aug 2019 12:19

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 9372
Ion Ratio Lower Upper
152 100
150 149.0 121.7 182.5
115 57.9 46.2 69.4



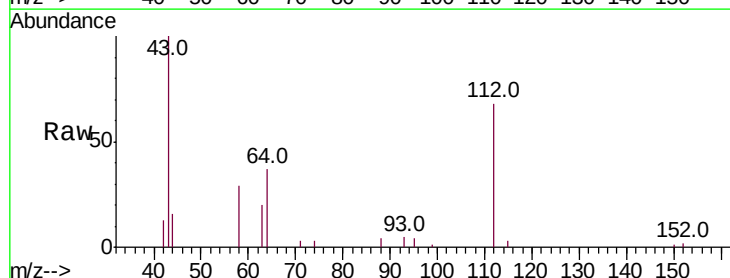
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



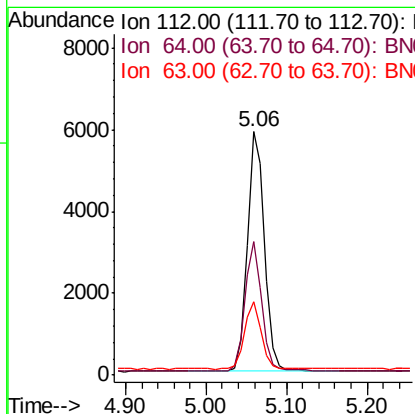
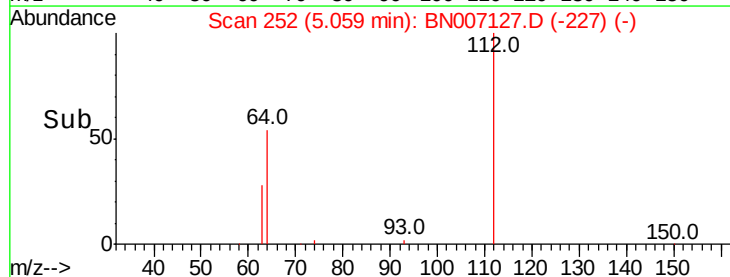
#3

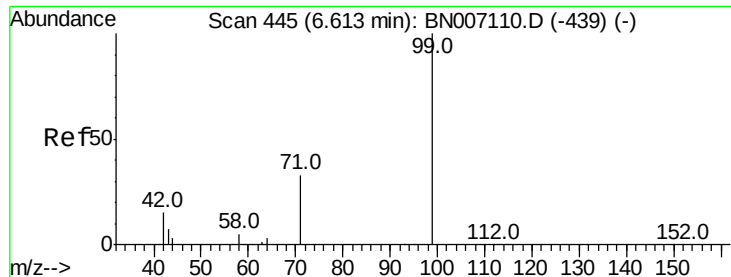
2-Fluorophenol
Concen: 0.389 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007127.D
Acq: 13 Aug 2019 12:19

Tgt Ion:112 Resp: 8752
Ion Ratio Lower Upper
112 100
64 52.4 42.6 63.8
63 27.7 22.2 33.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#4

Phenol-d6

Concen: 0.418 ng

RT: 6.62 min Scan# 446

Delta R.T. 0.01 min

Lab File: BN007127.D

Acq: 13 Aug 2019 12:19

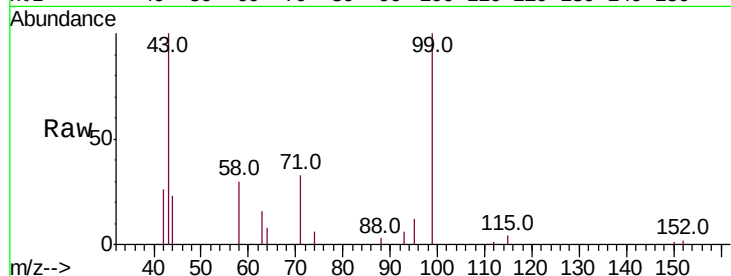
Instrument :

BNA_N

ClientSampled :

Tot Ion: 99 Resp: 11662

Ion	Ratio	Lower	Upper
99	100		
42	28.4	15.8	23.6#
71	33.7	27.0	40.4

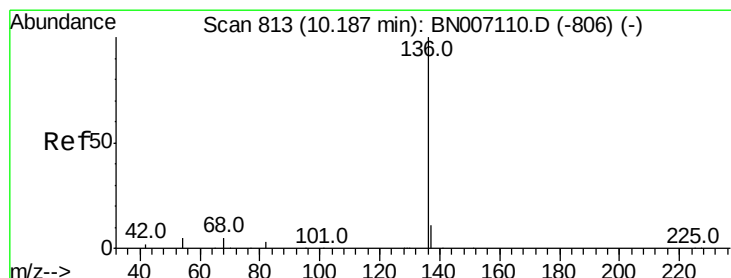
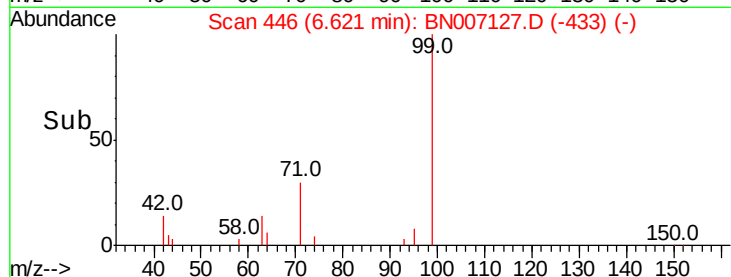


Abundance Ion 99.00 (98.70 to 99.70): BN007110.D (-439) (-)

Ion 42.00 (41.70 to 42.70): BN007110.D (-439) (-)

Ion 71.00 (70.70 to 71.70): BN007110.D (-439) (-)

Time-->



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.19 min Scan# 813

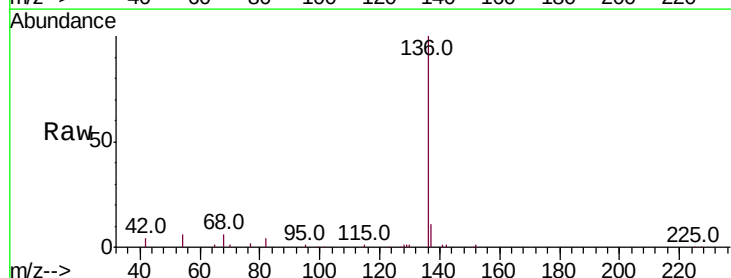
Delta R.T. -0.00 min

Lab File: BN007127.D

Acq: 13 Aug 2019 12:19

Tgt Ion: 136 Resp: 36764

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.4	14.0
54	6.0	6.6	9.8#
68	5.6	6.0	9.0#



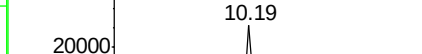
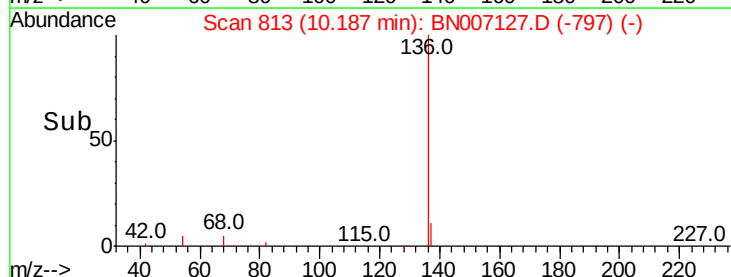
Abundance Ion 136.00 (135.70 to 136.70): BN007110.D (-806) (-)

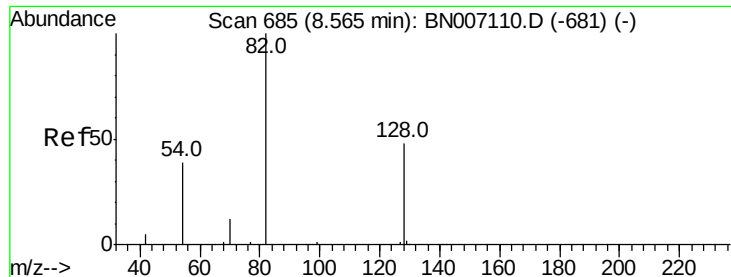
Ion 137.00 (136.70 to 137.70): BN007110.D (-806) (-)

Ion 54.00 (53.70 to 54.70): BN007110.D (-806) (-)

Ion 68.00 (67.70 to 68.70): BN007110.D (-806) (-)

Time-->





#7

Nitrobenzene-d5

Concen: 0.309 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007127.D

Acq: 13 Aug 2019 12:19

Instrument :

BNA_N

ClientSampleId :

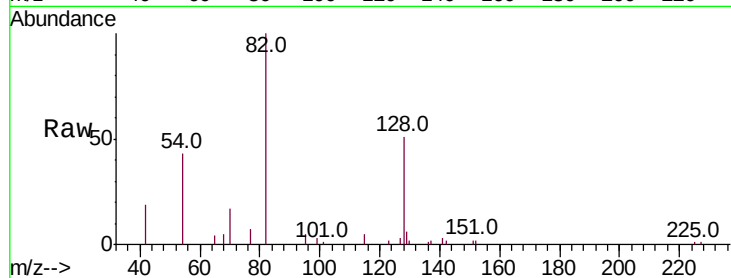
Tot Ion: 82 Resp: 9166

Ion Ratio Lower Upper

82 100

128 50.7 34.6 51.8

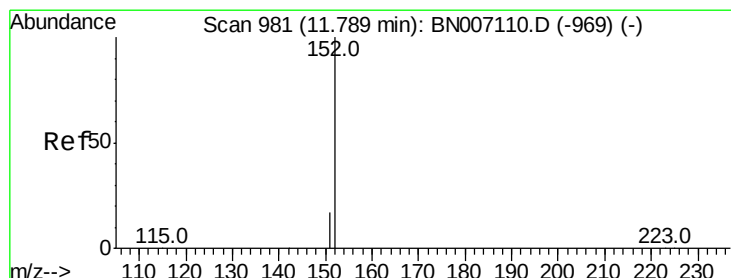
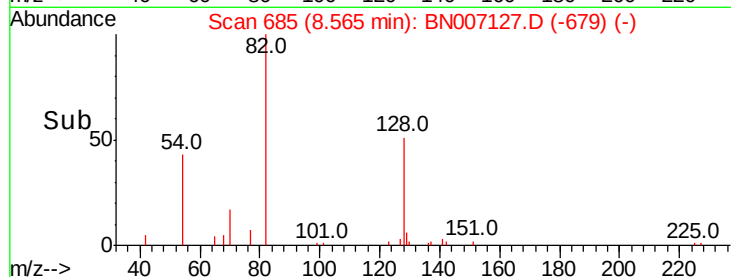
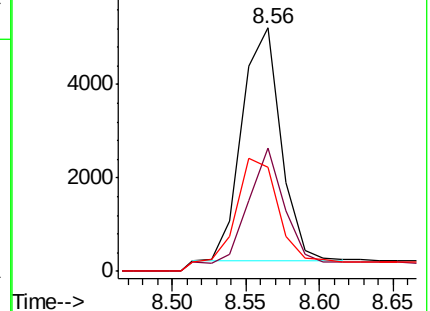
54 42.9 36.2 54.4



Abundance Ion 82.00 (81.70 to 82.70): BN007110.D (-681) (-)

Ion 128.00 (127.70 to 128.70): BN007110.D (-681) (-)

Ion 54.00 (53.70 to 54.70): BN007110.D (-681) (-)



#10

2-Methylnaphthalene-d10

Concen: 0.297 ng

RT: 11.79 min Scan# 981

Delta R.T. -0.00 min

Lab File: BN007127.D

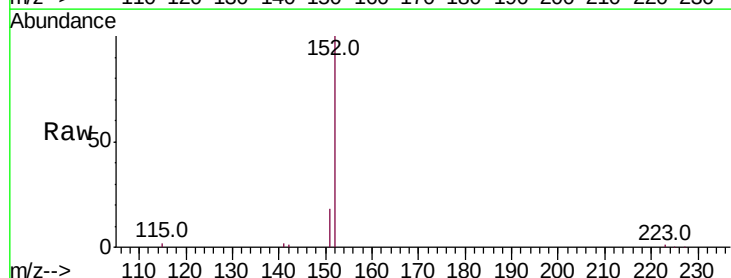
Acq: 13 Aug 2019 12:19

Tgt Ion: 152 Resp: 20356

Ion Ratio Lower Upper

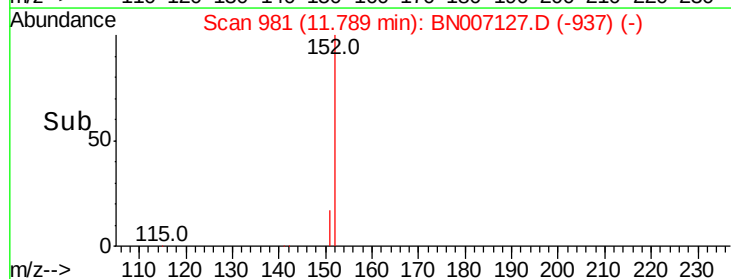
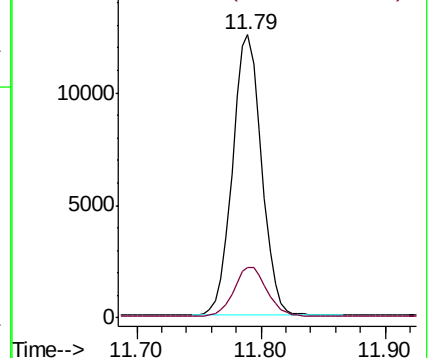
152 100

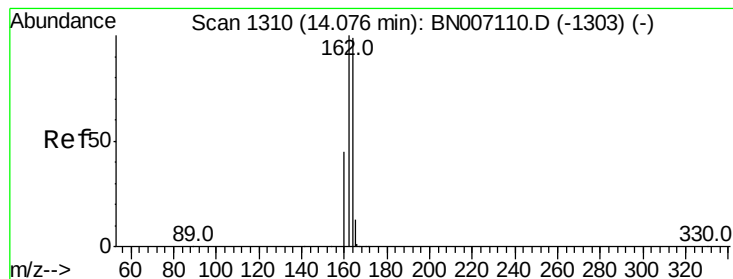
151 19.4 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): BN007110.D (-969) (-)

Ion 151.00 (150.70 to 151.70): BN007110.D (-969) (-)





#12

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.08 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BN007127.D

Acq: 13 Aug 2019 12:19

Instrument :

BNA_N

ClientSampleId :

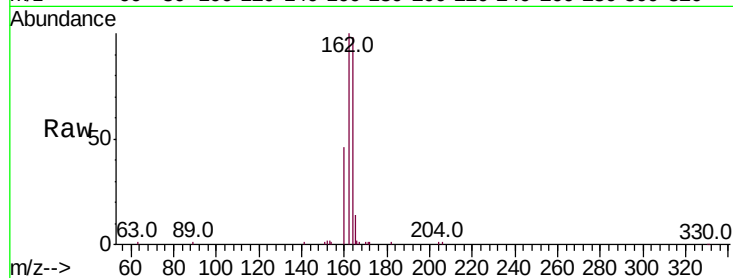
Tot Ion:164 Resp: 20676

Ion Ratio Lower Upper

164 100

162 101.6 82.2 123.4

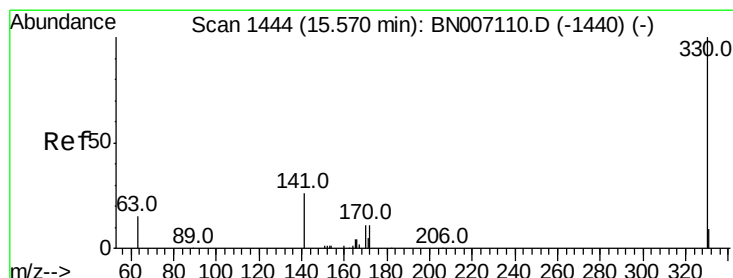
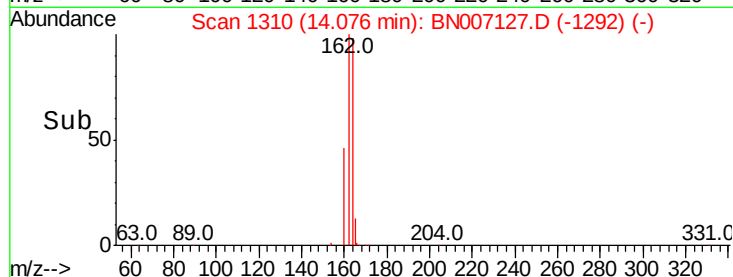
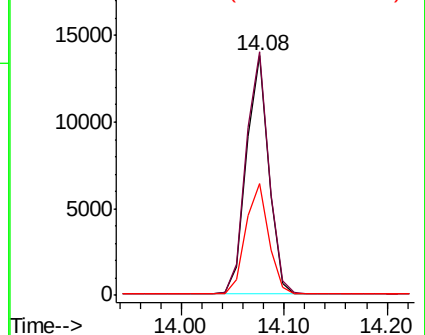
160 46.6 38.3 57.5



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



#13

2,4,6-Tribromophenol

Concen: 0.023 ng

RT: 15.57 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BN007127.D

Acq: 13 Aug 2019 12:19

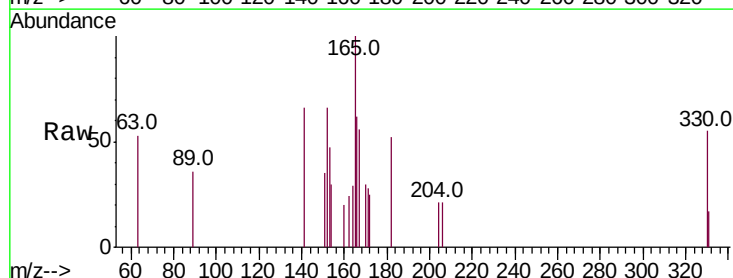
Tgt Ion:330 Resp: 258

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

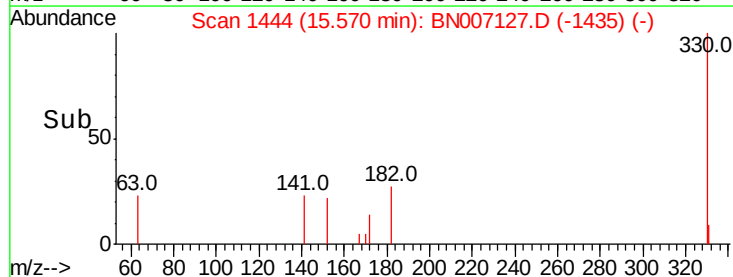
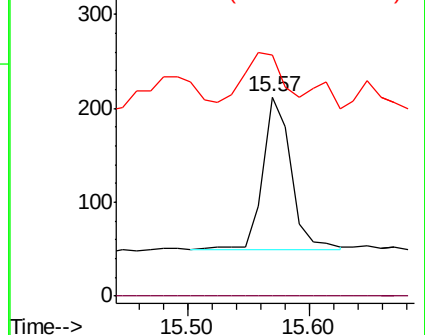
141 42.6 33.6 50.4

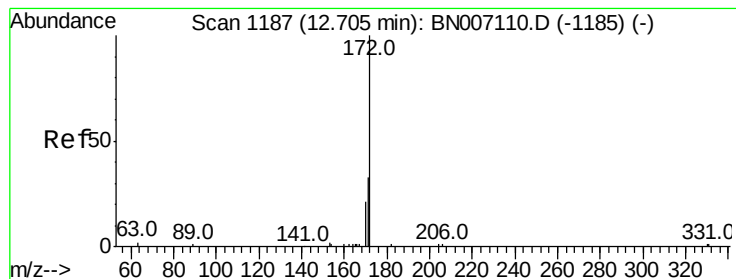


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#14

2-Fluorobiphenyl

Concen: 0.171 ng

RT: 12.71 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BN007127.D

Acq: 13 Aug 2019 12:19

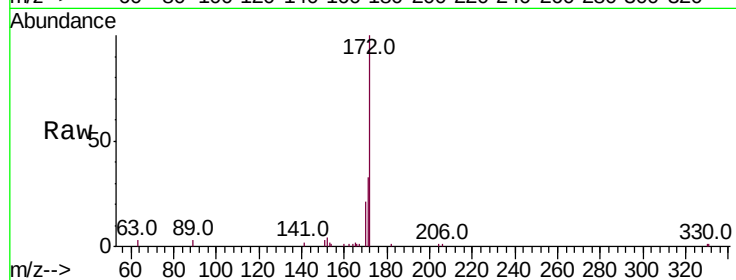
Instrument :

BNA_N

ClientSampleId :

Tot Ion:172 Resp: 5143

Ion	Ratio	Lower	Upper
172	100		
171	32.9	26.3	39.5
170	20.8	17.0	25.4

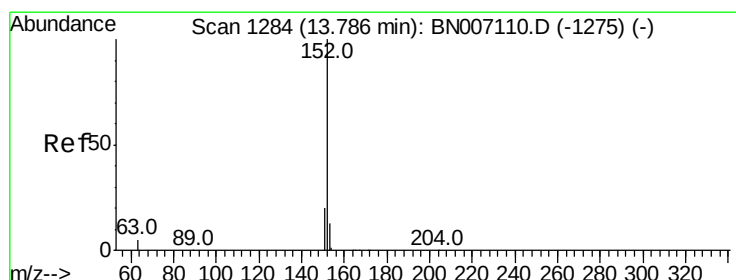
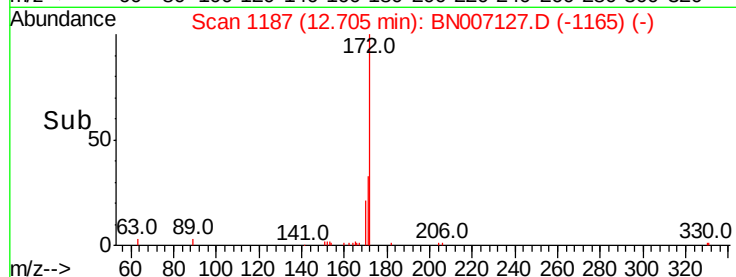
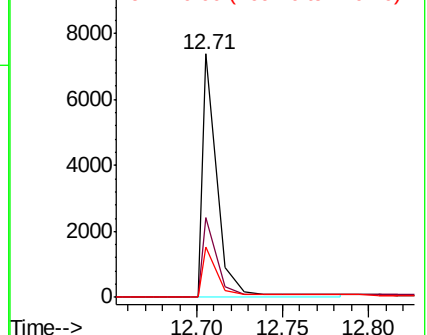


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#15

Acenaphthylene

Concen: 0.106 ng

RT: 13.79 min Scan# 1284

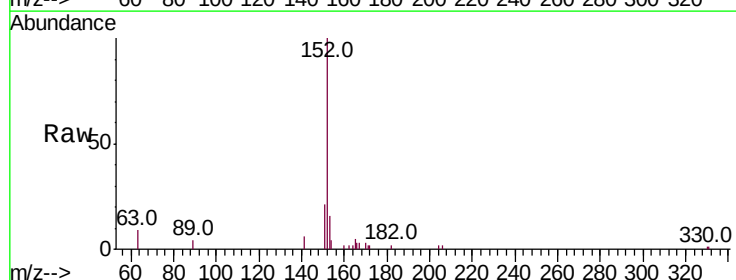
Delta R.T. -0.00 min

Lab File: BN007127.D

Acq: 13 Aug 2019 12:19

Tgt Ion:152 Resp: 11453

Ion	Ratio	Lower	Upper
152	100		
151	18.5	15.8	23.6
153	10.9	10.4	15.6

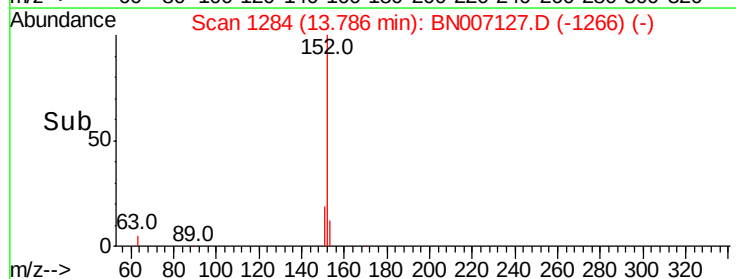
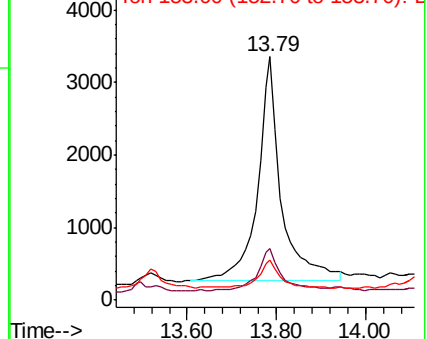


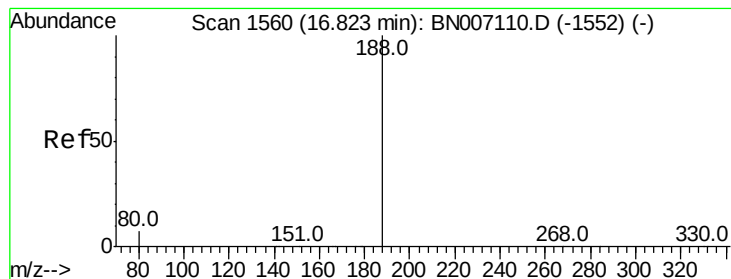
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#18

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.82 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BN007127.D

Acq: 13 Aug 2019 12:19

Instrument :

BNA_N

ClientSampleId :

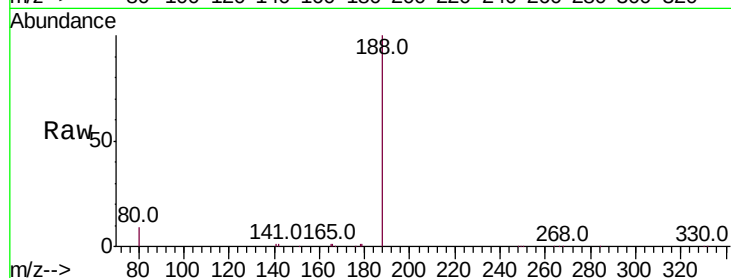
Tot Ion:188 Resp: 48580

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

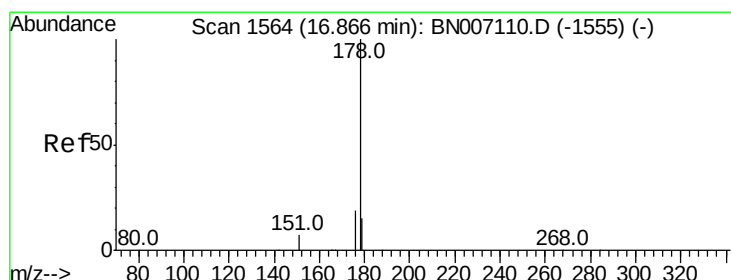
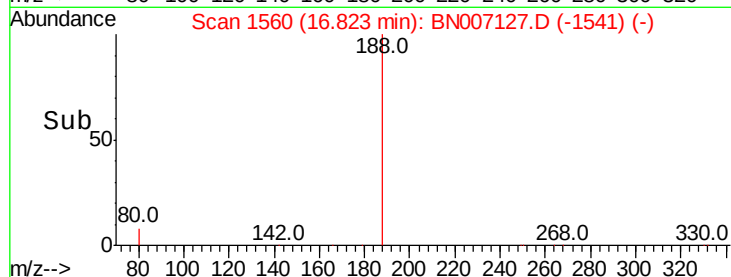
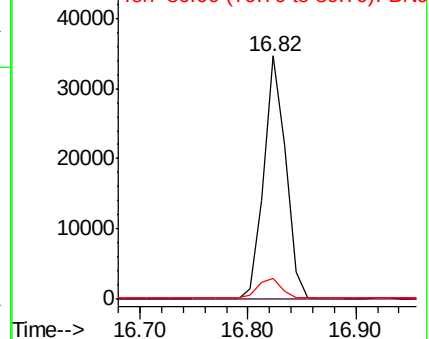
80 8.8 7.8 11.6



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



#22

Phenanthrene

Concen: 0.021 ng

RT: 16.87 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BN007127.D

Acq: 13 Aug 2019 12:19

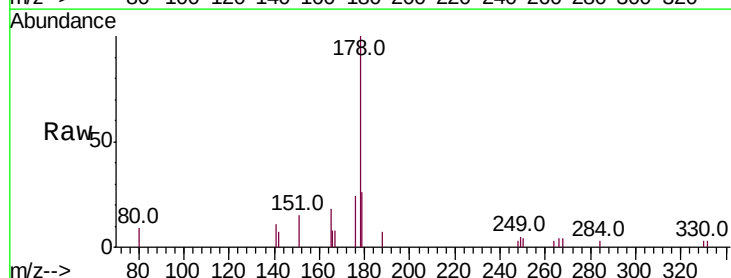
Tgt Ion:178 Resp: 3010

Ion Ratio Lower Upper

178 100

176 19.3 15.2 22.8

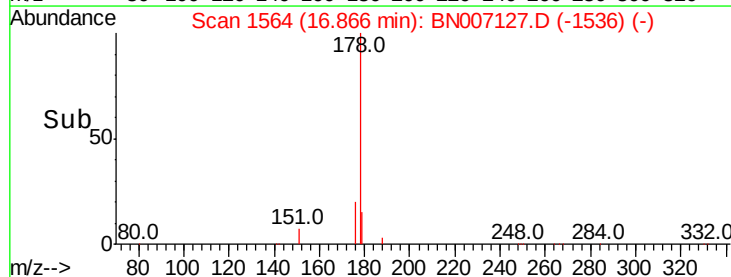
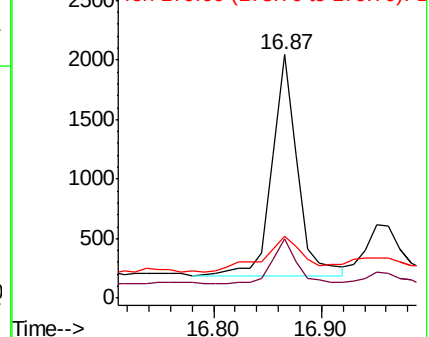
179 24.6 12.3 18.5#

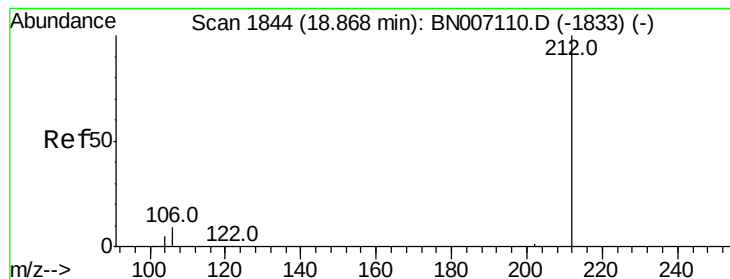


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Fluoranthene-d10

Concen: 0.292 ng

RT: 18.87 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BN007127.D

Acq: 13 Aug 2019 12:19

Instrument :

BNA_N

ClientSampleId :

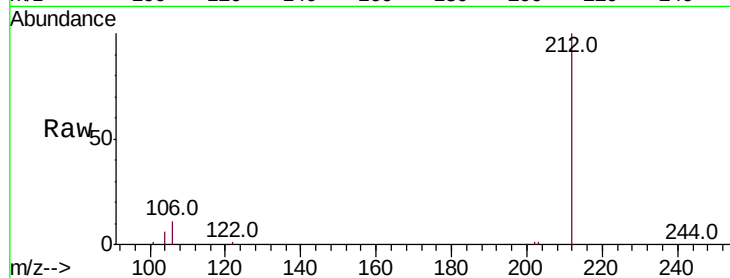
Tot Ion:212 Resp: 50226

Ion Ratio Lower Upper

212 100

106 10.4 8.2 12.2

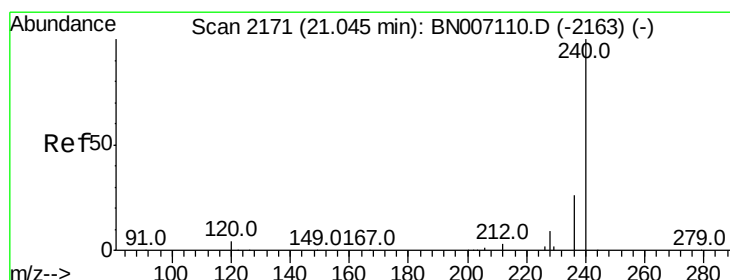
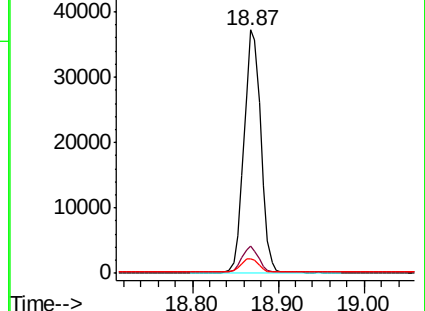
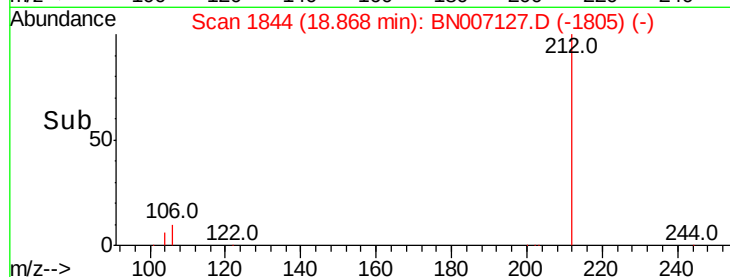
104 5.8 4.5 6.7



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



#26

Chrysene-d12

Concen: 0.400 ng

RT: 21.05 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BN007127.D

Acq: 13 Aug 2019 12:19

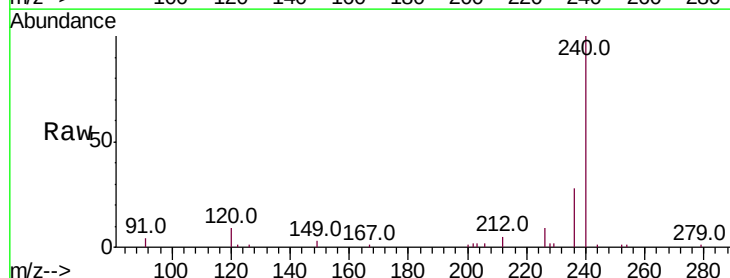
Tgt Ion:240 Resp: 47654

Ion Ratio Lower Upper

240 100

120 8.7 4.0 6.0#

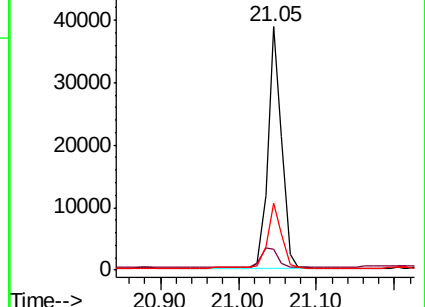
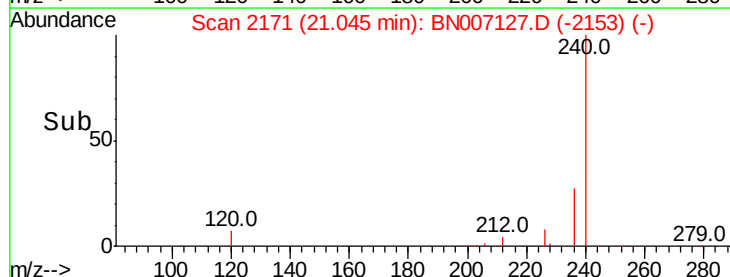
236 27.8 21.3 31.9

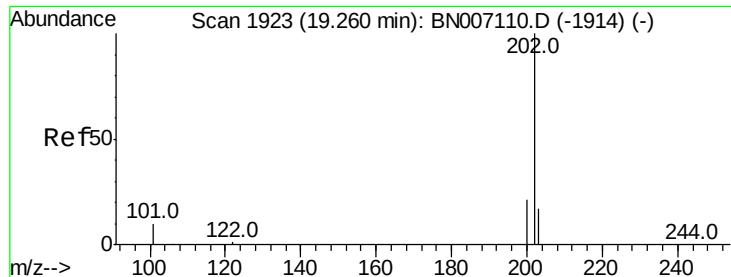


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Pvrene

Concen: 0.020 ng

RT: 19.26 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BN007127.D

Acq: 13 Aug 2019 12:19

Instrument :

BNA_N

ClientSampleId :

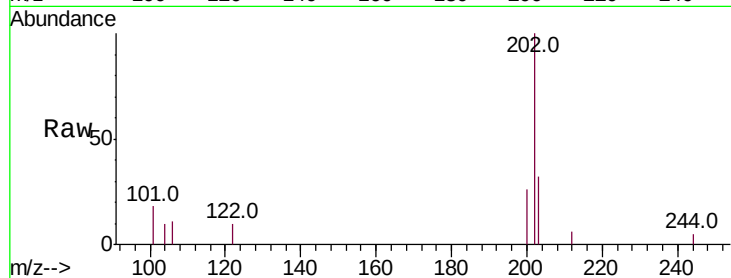
Tot Ion:202 Resp: 3417

Ion Ratio Lower Upper

202 100

200 21.9 16.6 24.8

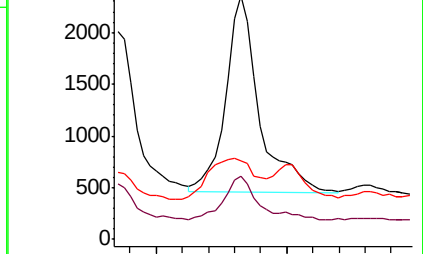
203 29.3 14.0 21.0#



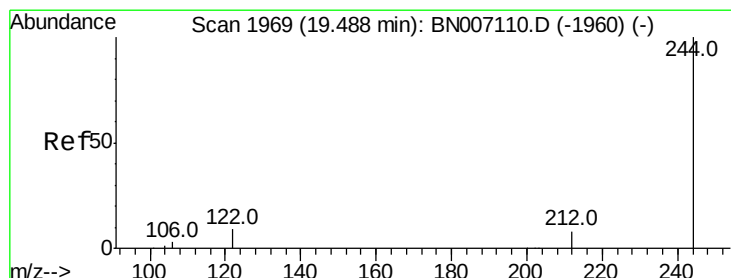
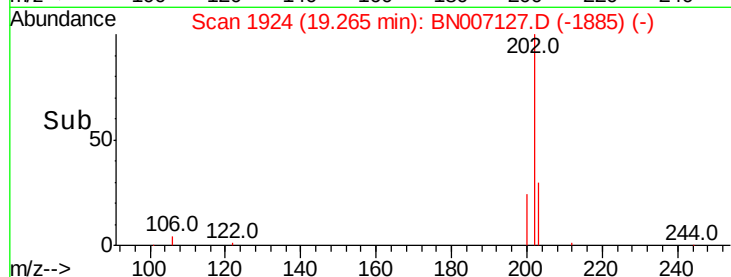
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#28

Terphenyl-d14

Concen: 0.296 ng

RT: 19.49 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BN007127.D

Acq: 13 Aug 2019 12:19

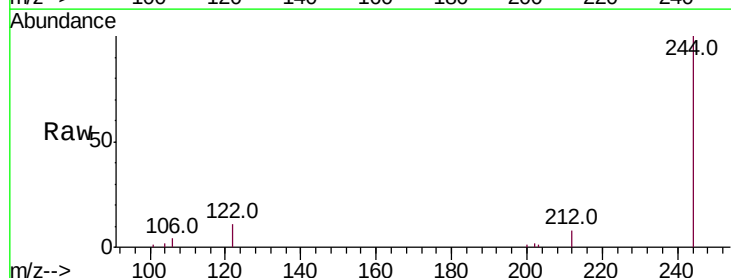
Tgt Ion:244 Resp: 38494

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

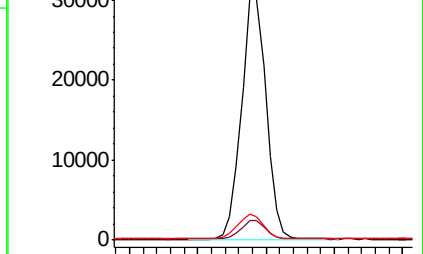
122 10.8 7.4 11.2



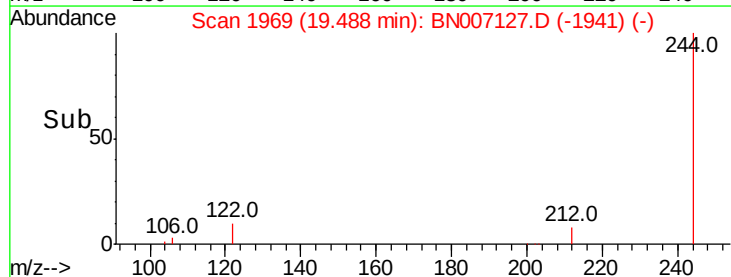
Abundance Ion 244.00 (243.70 to 244.70): E

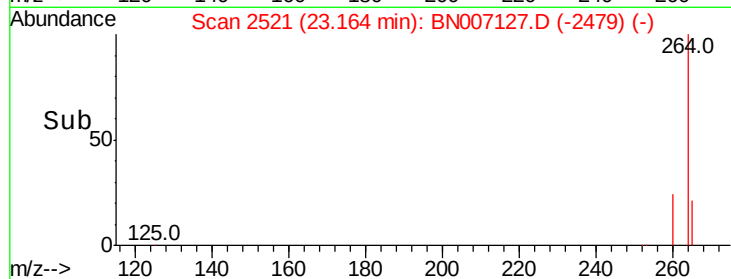
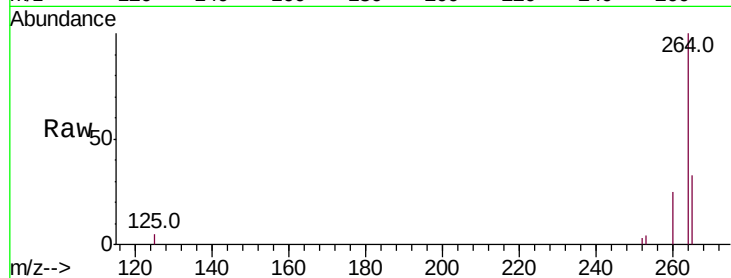
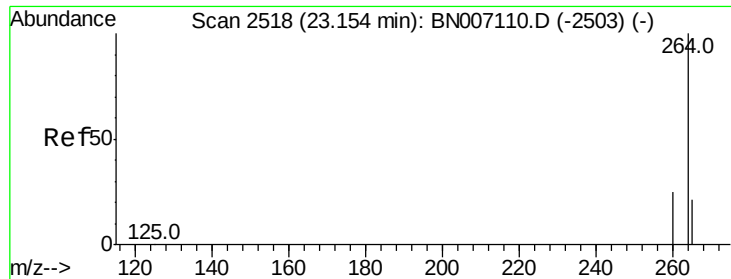
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#32
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.16 min Scan# 2521
 Delta R.T. -0.01 min
 Lab File: BN007127.D
 Acq: 13 Aug 2019 12:19

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:	264	Resp:	52476
Ion Ratio	Lower	Upper	
264	100		
260	25.0	19.8	29.8
265	33.1	26.2	39.4

