

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081619\
 Data File : BN007224.D
 Acq On : 16 Aug 2019 15:48
 Operator : HP/JU
 Sample : PB122289BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB122289BL

Quant Time: Aug 17 01:33:36 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	7.42	152	6486	0.40	ng	-0.02
6) Naphthalene-d8	10.17	136	23590	0.40	ng	-0.01
12) Acenaphthene-d10	14.07	164	12971	0.40	ng	-0.01
18) Phenanthrene-d10	16.81	188	32537	0.40	ng	-0.01
26) Chrysene-d12	21.03	240	33289	0.40	ng	-0.02
32) Perylene-d12	23.15	264	37278	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2-Fluorophenol	5.05	112	6232	0.40	ng	0.00
4) Phenol-d6	6.61	99	7979	0.41	ng	0.00
7) Nitrobenzene-d5	8.55	82	5972	0.31	ng	-0.01
10) 2-Methylnaphthalene-d10	11.78	152	13780	0.31	ng	-0.02
13) 2,4,6-Tribromophenol	15.57	330	1458	0.21	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	1297	0.07	ng	0.00
24) Fluoranthene-d10	18.86	212	35469	0.31	ng	-0.01
28) Terphenyl-d14	19.48	244	27495	0.30	ng	-0.01

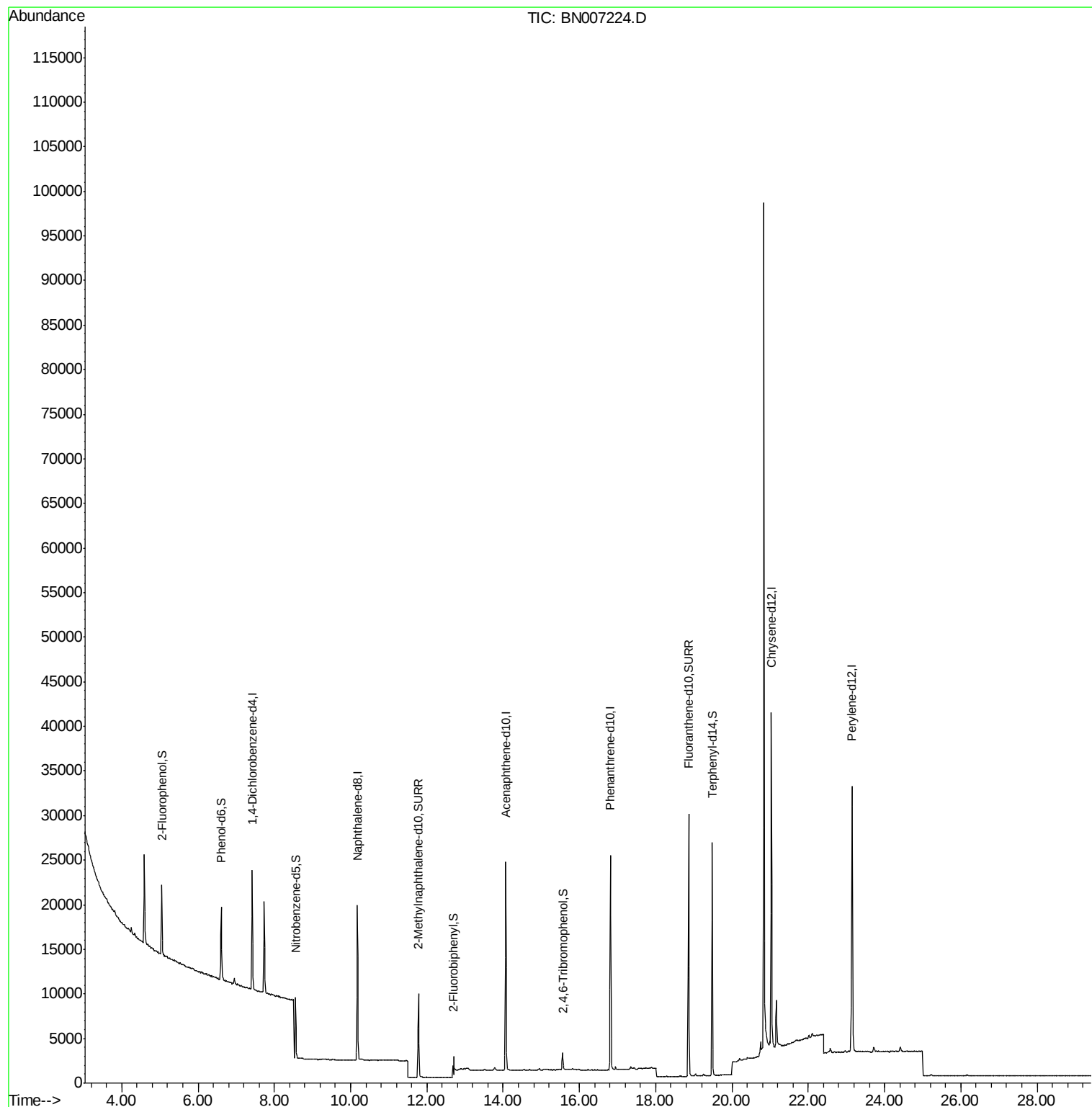
Target Compounds	Qvalue

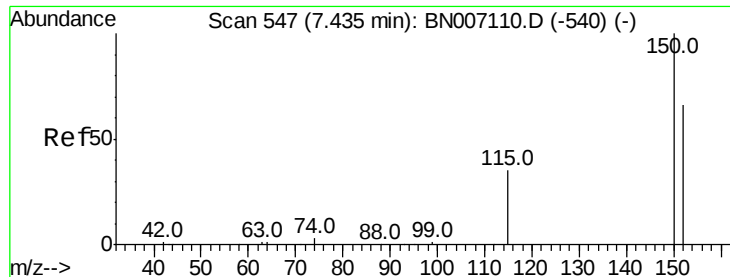
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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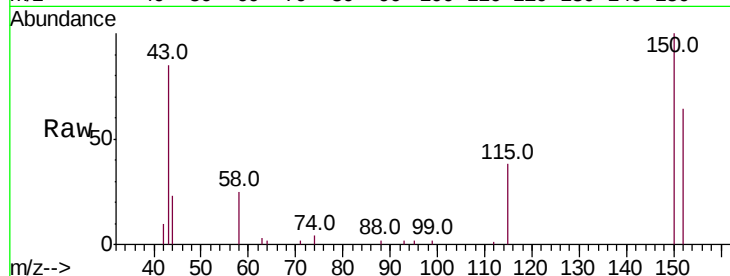


#1

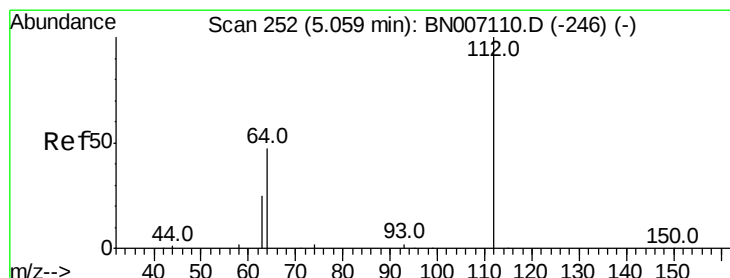
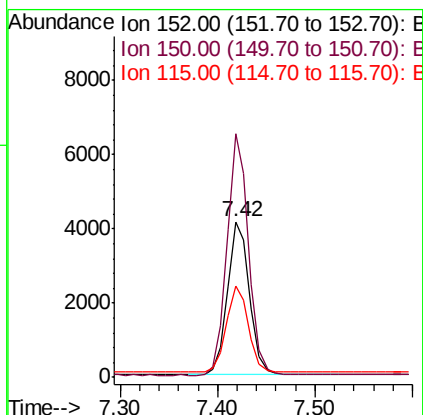
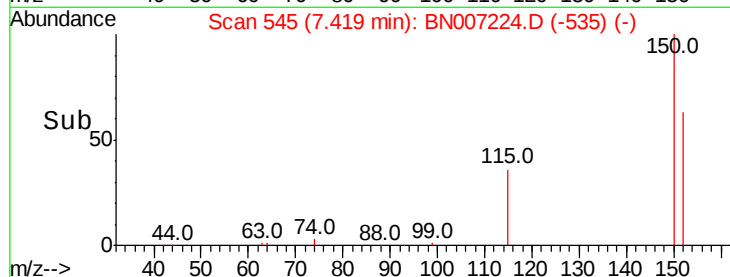
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.42 min Scan# 545
 Delta R.T. -0.02 min
 Lab File: BN007224.D
 Acq: 16 Aug 2019 15:48

Instrument :
 BNA_N
 ClientSampleId :
 PB122289BL

Tot Ion:152 Resp: 6486
 Ion Ratio Lower Upper
 152 100
 150 156.7 121.7 182.5
 115 59.0 46.2 69.4



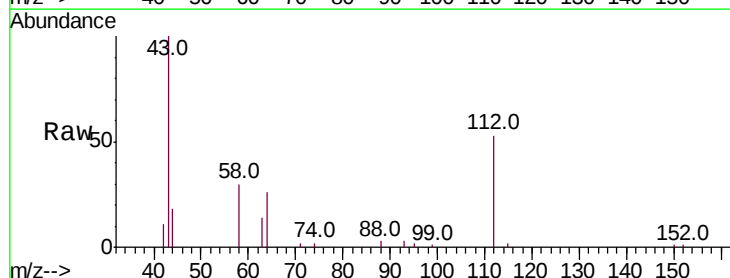
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



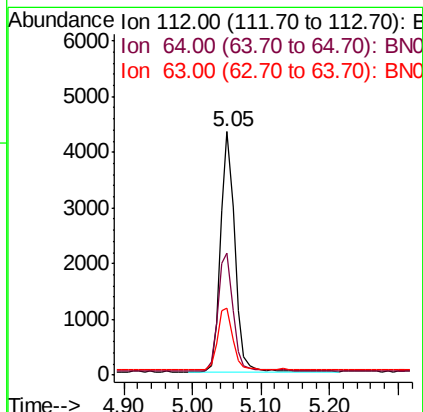
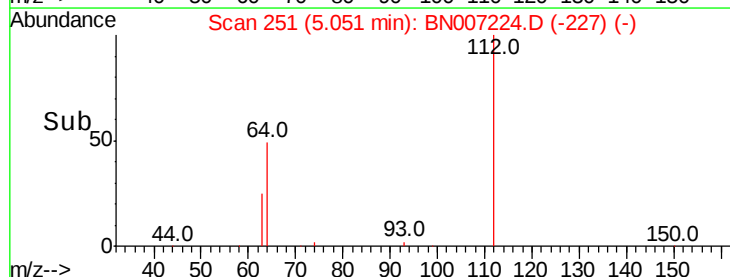
#3

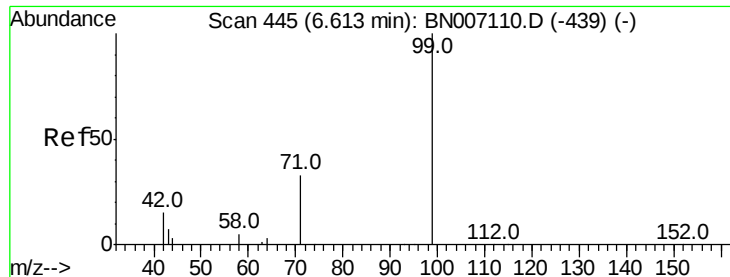
2-Fluorophenol
 Concen: 0.400 ng
 RT: 5.05 min Scan# 251
 Delta R.T. -0.01 min
 Lab File: BN007224.D
 Acq: 16 Aug 2019 15:48

Tgt Ion:112 Resp: 6232
 Ion Ratio Lower Upper
 112 100
 64 52.3 42.6 63.8
 63 27.2 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: 0.413 ng

RT: 6.61 min Scan# 444

Delta R.T. -0.01 min

Lab File: BN007224.D

Acq: 16 Aug 2019 15:48

Instrument :

BNA_N

ClientSampleId :

PB122289BL

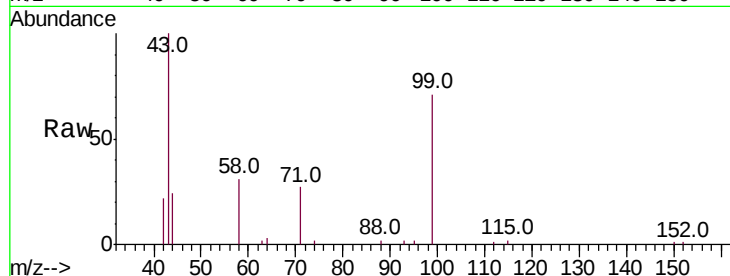
Tot Ion: 99 Resp: 7979

Ion Ratio Lower Upper

99 100

42 18.8 15.8 23.6

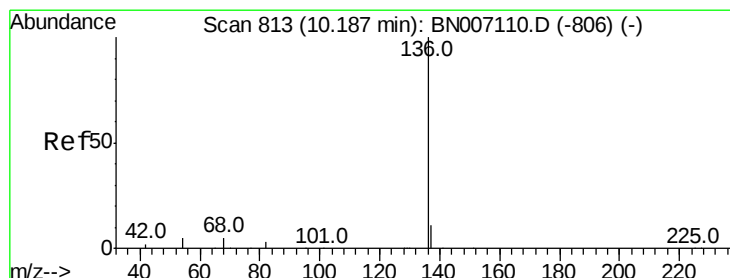
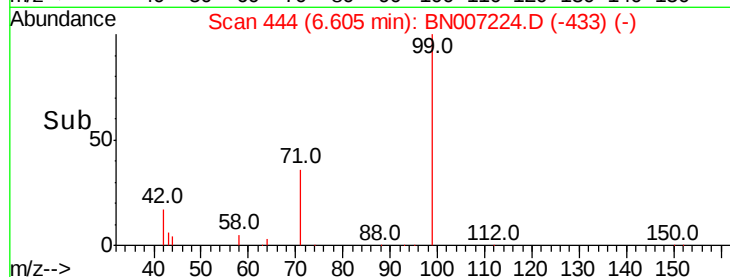
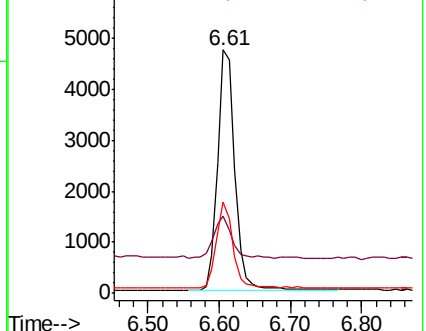
71 34.8 27.0 40.4



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) (-)



#6

Naphthalene-d8

Concen: 0.400 ng

RT: 10.17 min Scan# 812

Delta R.T. -0.01 min

Lab File: BN007224.D

Acq: 16 Aug 2019 15:48

Tgt Ion: 136 Resp: 23590

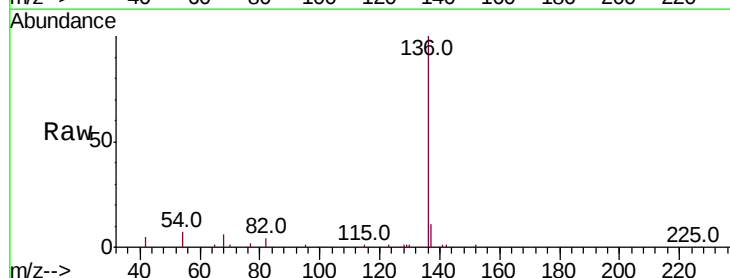
Ion Ratio Lower Upper

136 100

137 11.0 9.4 14.0

54 6.6 6.6 9.8

68 6.1 6.0 9.0

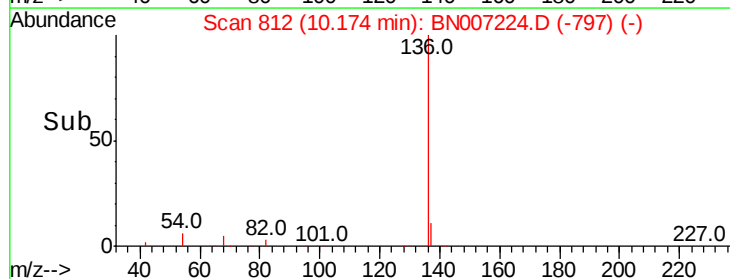
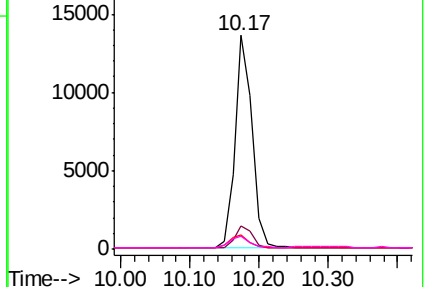


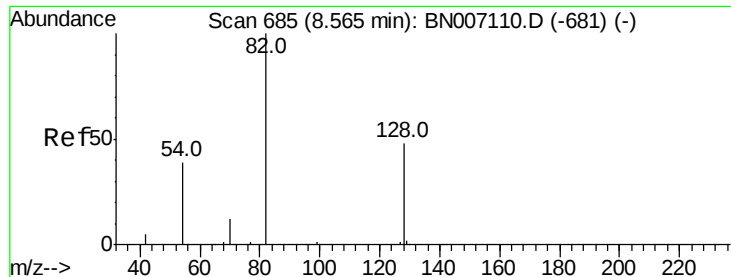
Abundance Ion 136.00 (135.70 to 136.70): BN007110.D (-806) (-)

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) (-)





#7

Nitrobenzene-d5

Concen: 0.314 ng

RT: 8.55 min Scan# 684

Delta R.T. -0.01 min

Lab File: BN007224.D

Acq: 16 Aug 2019 15:48

Instrument :

BNA_N

ClientSampleId :

PB122289BL

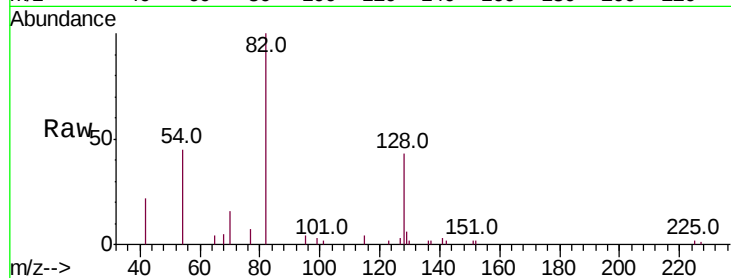
Tot Ion: 82 Resp: 5972

Ion Ratio Lower Upper

82 100

128 43.2 34.6 51.8

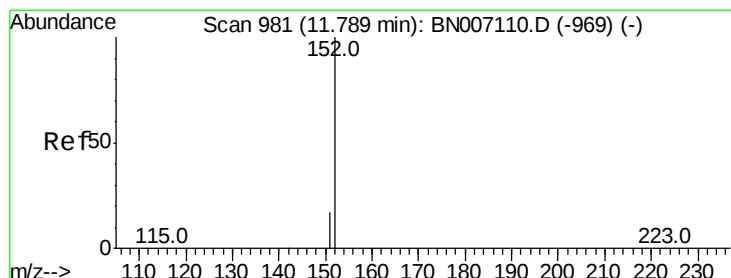
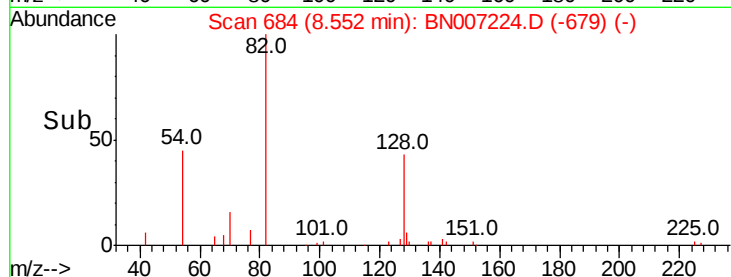
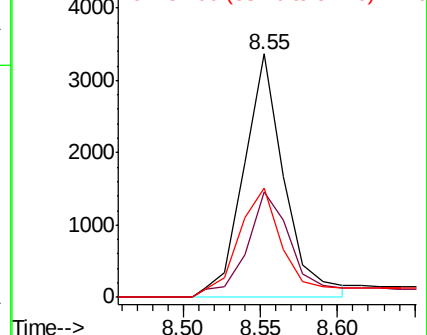
54 45.0 36.2 54.4



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#10

2-Methylnaphthalene-d10

Concen: 0.313 ng

RT: 11.78 min Scan# 978

Delta R.T. -0.02 min

Lab File: BN007224.D

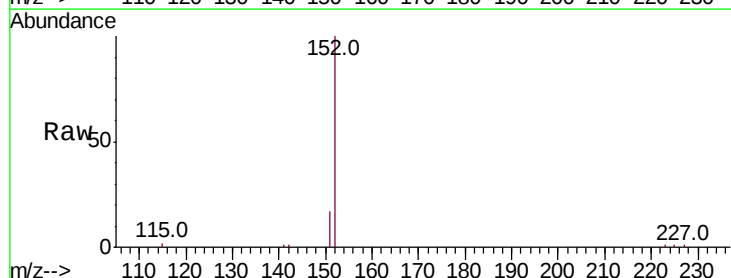
Acq: 16 Aug 2019 15:48

Tgt Ion: 152 Resp: 13780

Ion Ratio Lower Upper

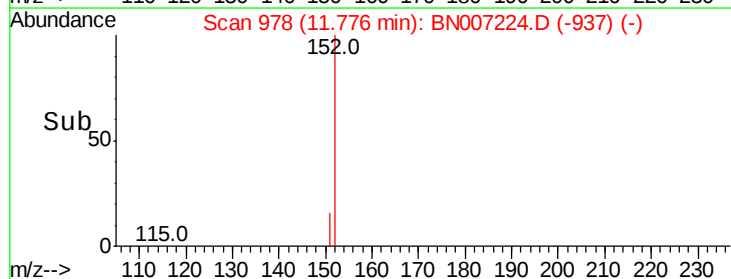
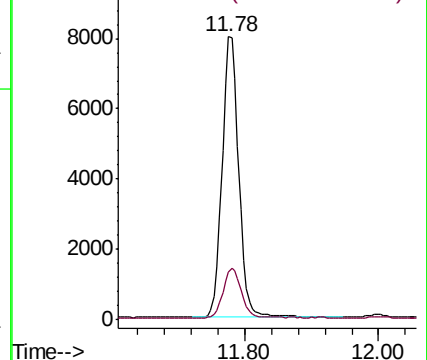
152 100

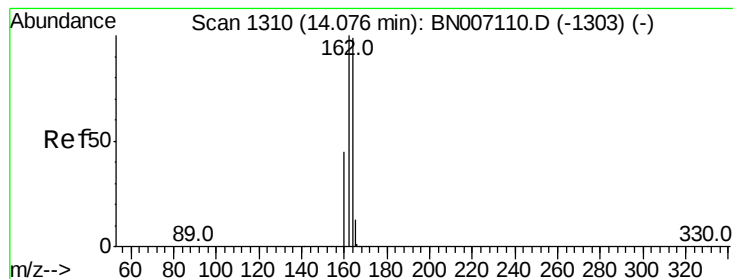
151 19.0 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): BNC

Ion 151.00 (150.70 to 151.70): BNC





#12

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.07 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BN007224.D

Acq: 16 Aug 2019 15:48

Instrument :

BNA_N

ClientSampleId :

PB122289BL

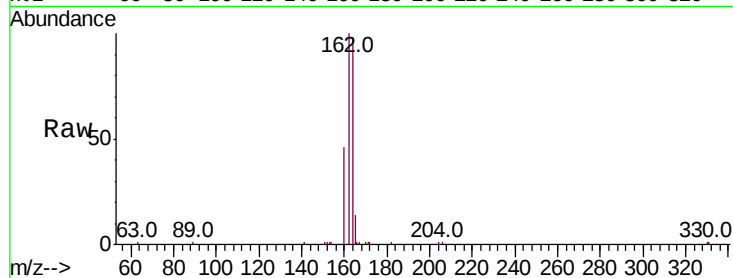
Tot Ion:164 Resp: 12971

Ion Ratio Lower Upper

164 100

162 101.6 82.2 123.4

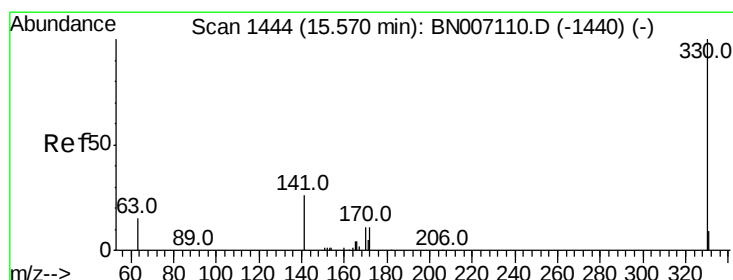
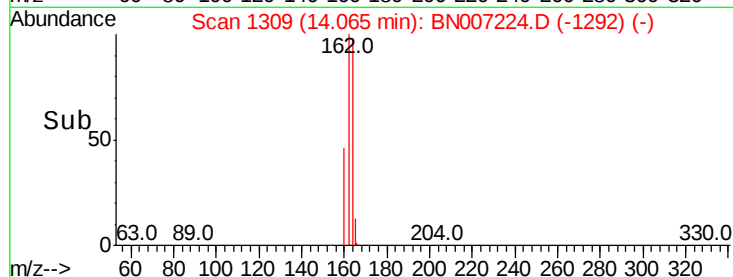
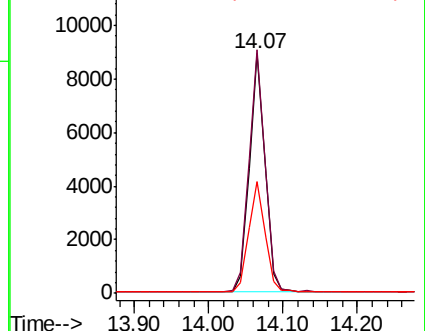
160 46.7 38.3 57.5



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: 0.209 ng

RT: 15.57 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BN007224.D

Acq: 16 Aug 2019 15:48

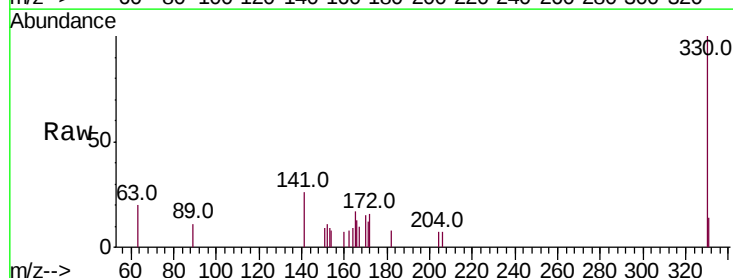
Tgt Ion:330 Resp: 1458

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

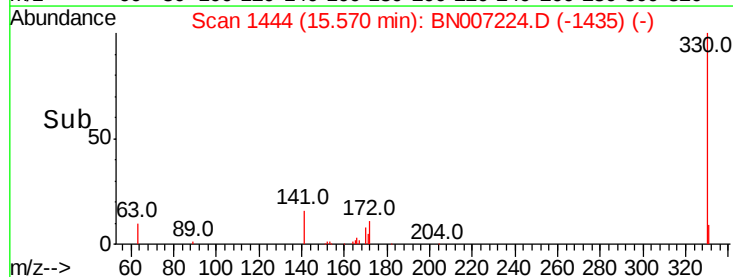
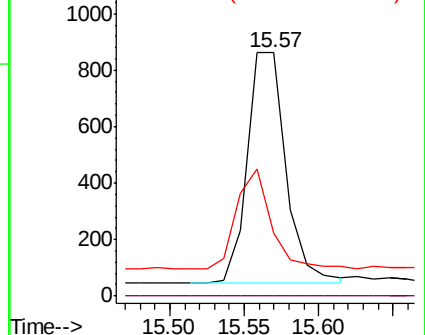
141 38.9 33.6 50.4

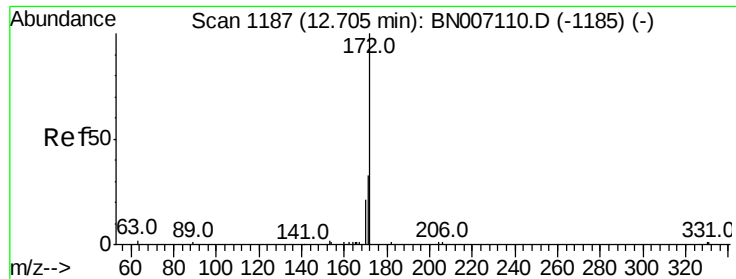


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

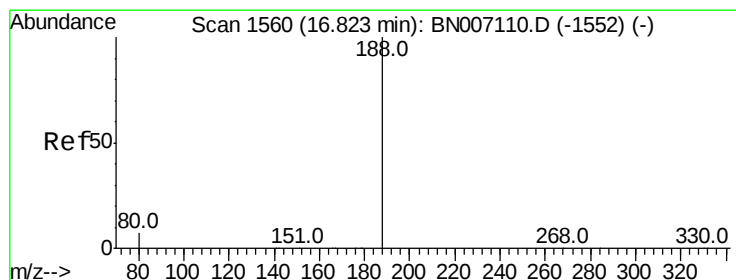
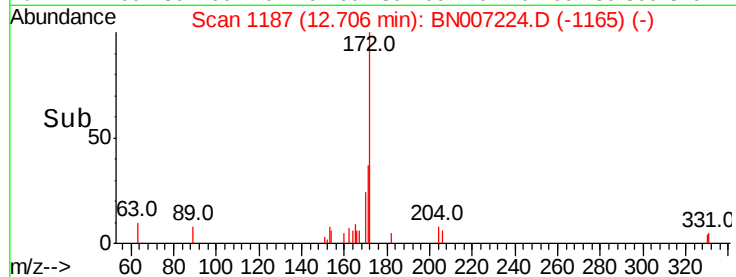
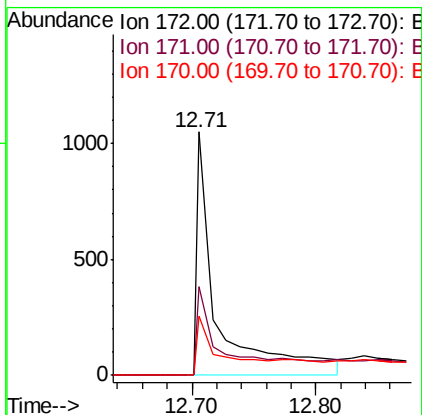
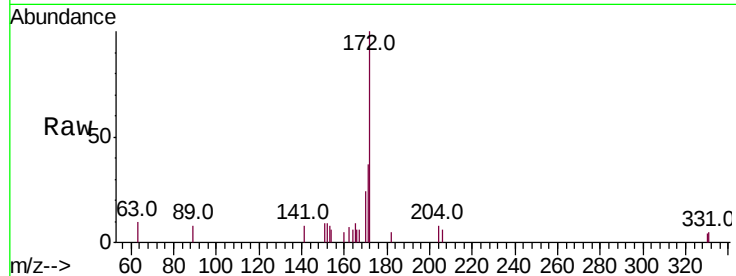




#14
2-Fluorobiphenyl
Concen: 0.069 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007224.D
Acq: 16 Aug 2019 15:48

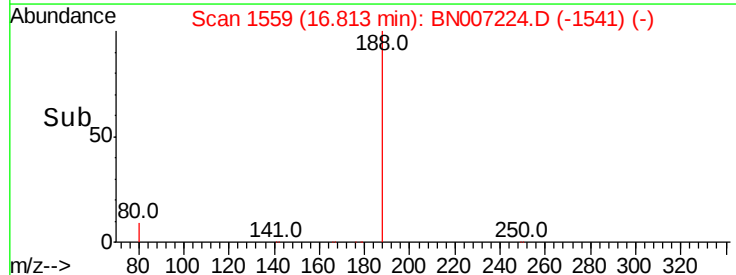
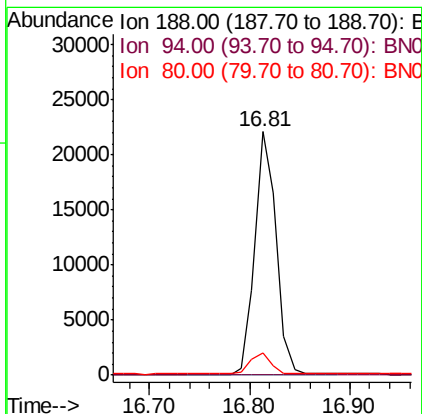
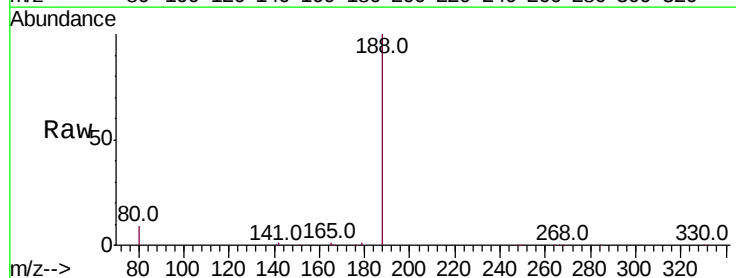
Instrument :
BNA_N
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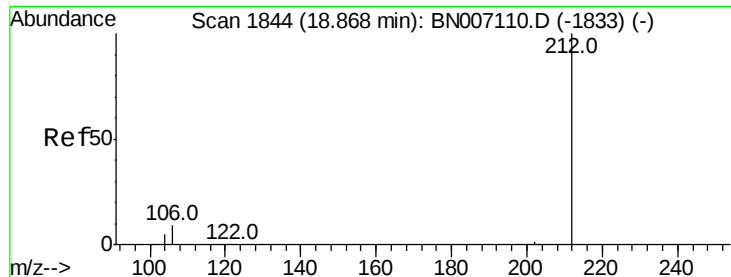
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	26.3	39.5
170	24.4	17.0	25.4



#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.81 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BN007224.D
Acq: 16 Aug 2019 15:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	7.8	11.6





#24

Fluoranthene-d10

Concen: 0.307 ng

RT: 18.86 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BN007224.D

Acq: 16 Aug 2019 15:48

Instrument :

BNA_N

ClientSampleId :

PB122289BL

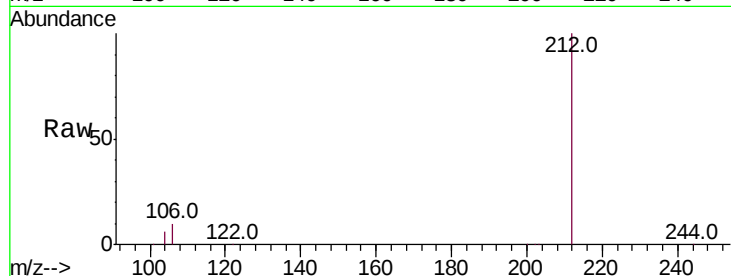
Tot Ion:212 Resp: 35469

Ion Ratio Lower Upper

212 100

106 10.4 8.2 12.2

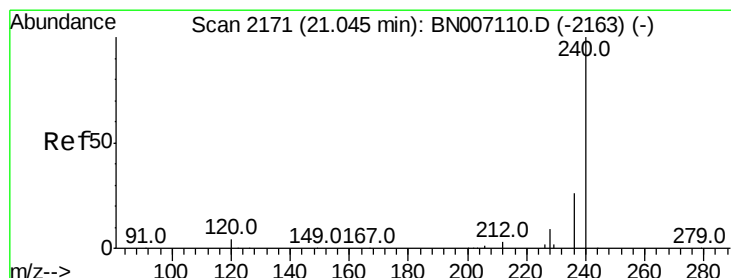
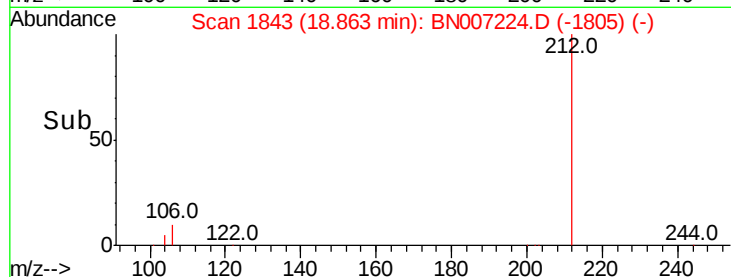
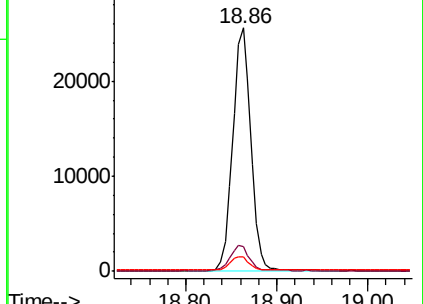
104 5.9 4.5 6.7



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: 21.03 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BN007224.D

Acq: 16 Aug 2019 15:48

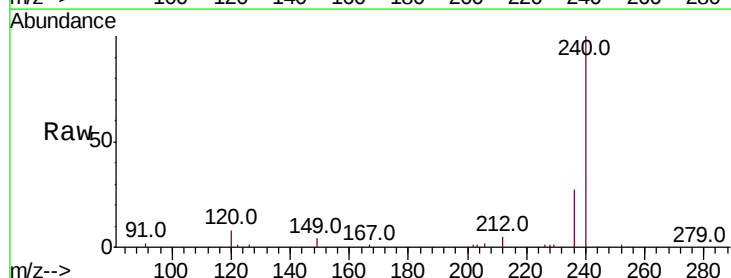
Tgt Ion:240 Resp: 33289

Ion Ratio Lower Upper

240 100

120 8.3 4.0 6.0#

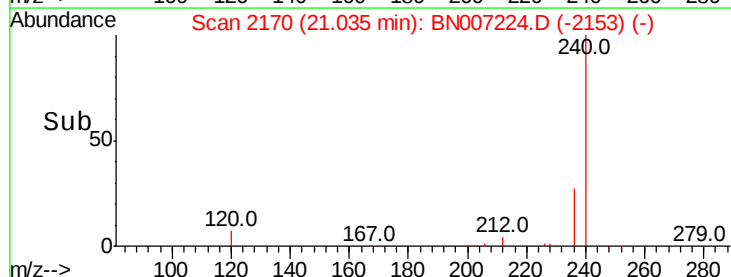
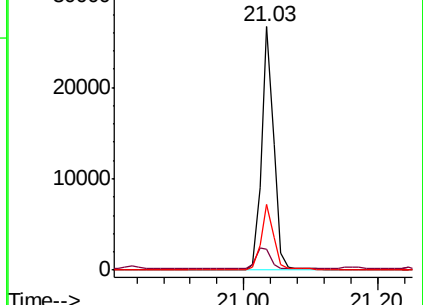
236 27.1 21.3 31.9

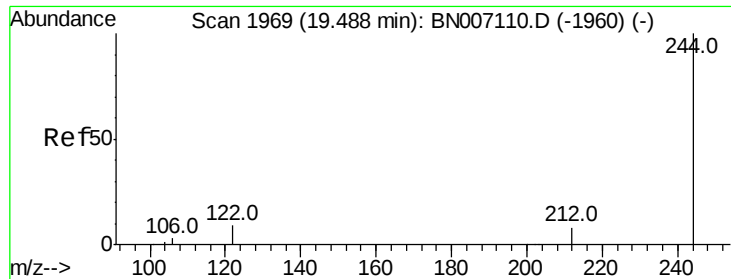


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Terphenyl-d14

Concen: 0.303 ng

RT: 19.48 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BN007224.D

Acq: 16 Aug 2019 15:48

Instrument :

BNA_N

ClientSampleId :

PB122289BL

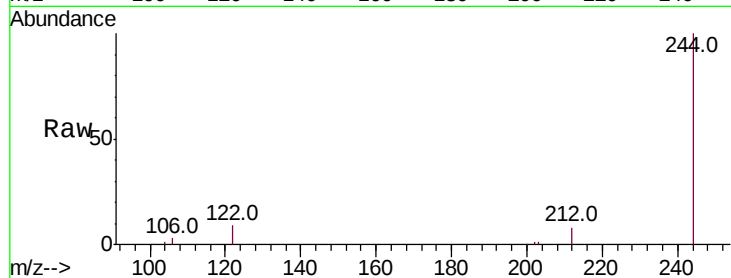
Tot Ion:244 Resp: 27495

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

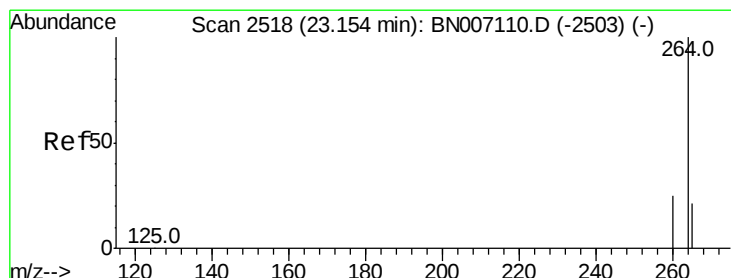
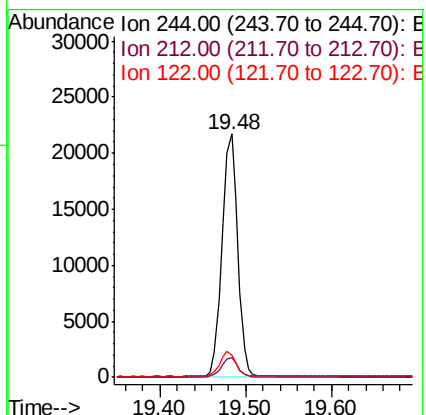
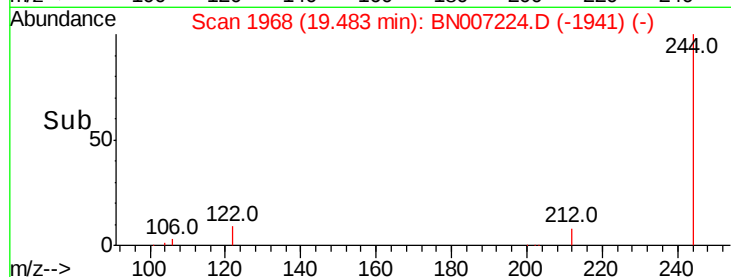
122 9.3 7.4 11.2



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



#32

Perylene-d12

Concen: 0.400 ng

RT: 23.15 min Scan# 2517

Delta R.T. -0.02 min

Lab File: BN007224.D

Acq: 16 Aug 2019 15:48

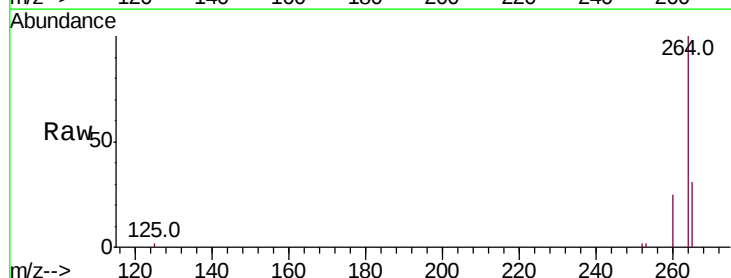
Tgt Ion:264 Resp: 37278

Ion Ratio Lower Upper

264 100

260 24.8 19.8 29.8

265 31.4 26.2 39.4



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

