

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032020\
 Data File : BN010315.D
 Acq On : 20 Mar 2020 22:43
 Operator : CG/JU
 Sample : PB127771BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 21 00:19:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 15:26:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4314	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	14714	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	8256	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	19031	0.40	ng	0.00
27) Chrysene-d12	21.19	240	19539	0.40	ng	0.00
34) Perylene-d12	23.36	264	18803	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.25	112	2775	0.32	ng	0.00
5) Phenol-d6	6.80	99	3410	0.32	ng	0.00
8) Nitrobenzene-d5	8.74	82	4837	0.51	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	6213	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	772	0.24	ng	0.00
15) 2-Fluorobiphenyl	12.86	172	17633	0.56	ng	0.00
25) Fluoranthene-d10	19.02	212	15140	0.26	ng	0.00
29) Terphenyl-d14	19.63	244	19624	0.46	ng	0.00

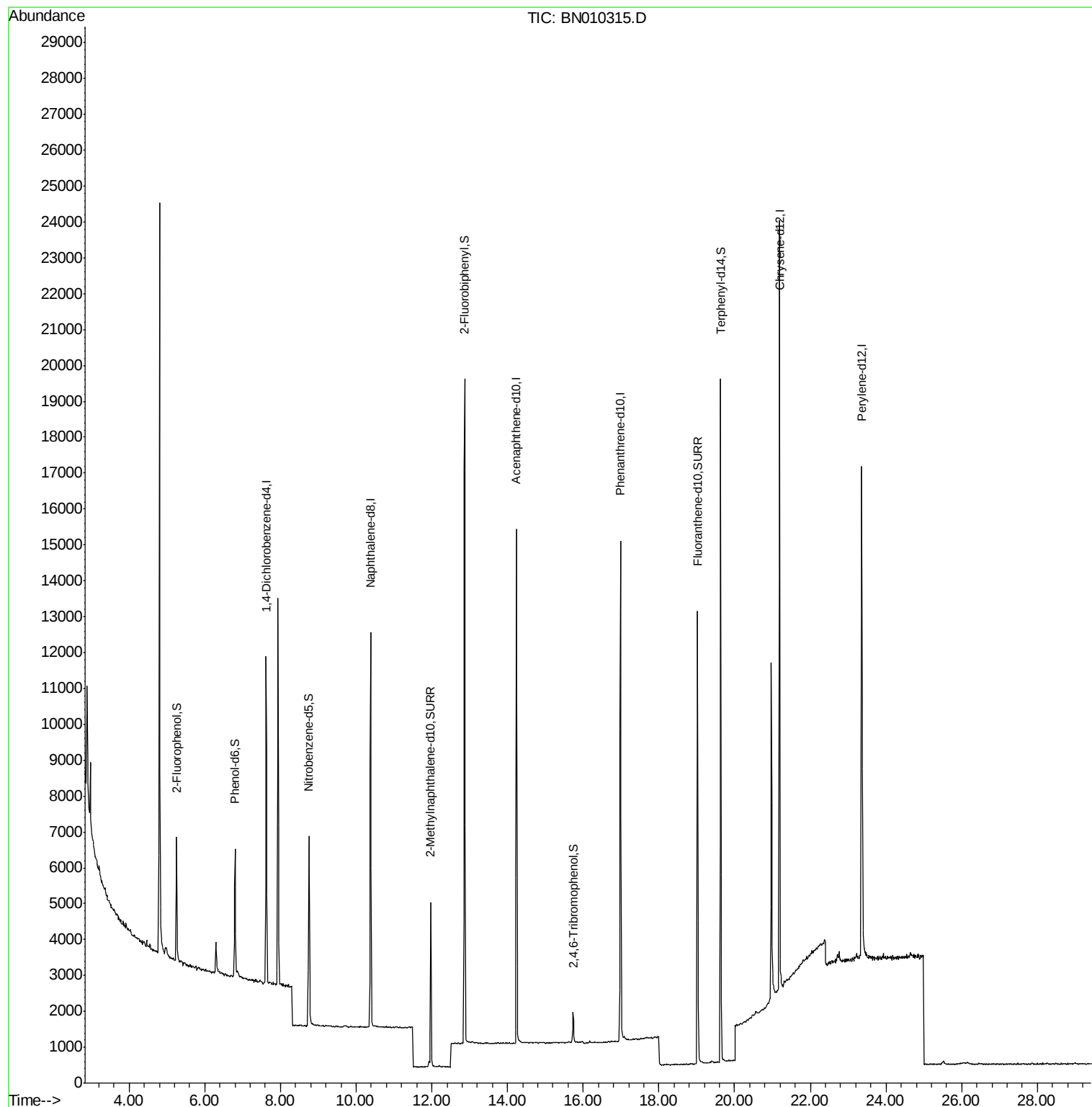
Target Compounds	Qvalue
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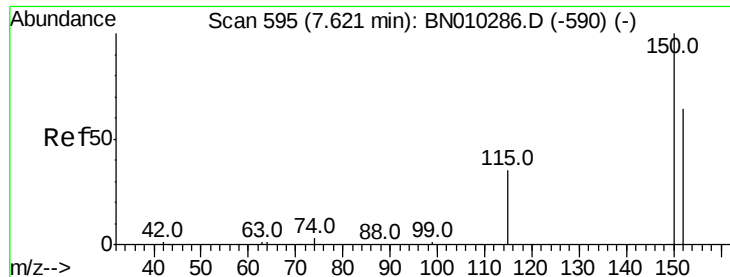
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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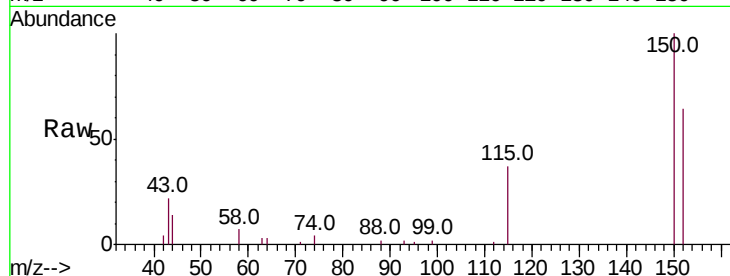


#1

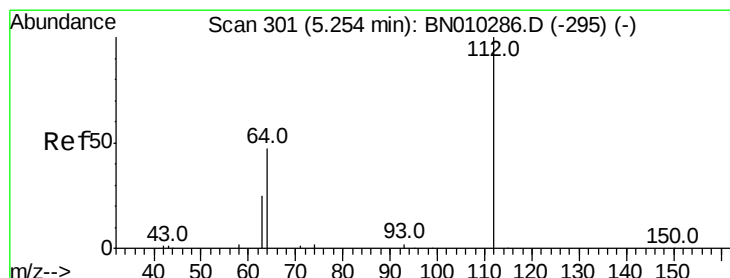
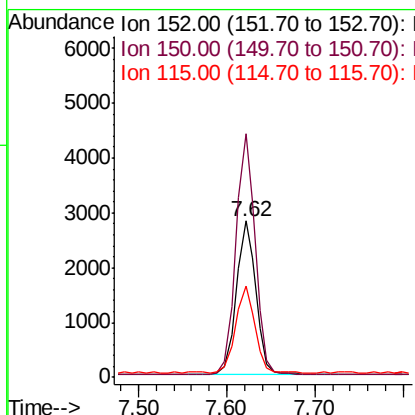
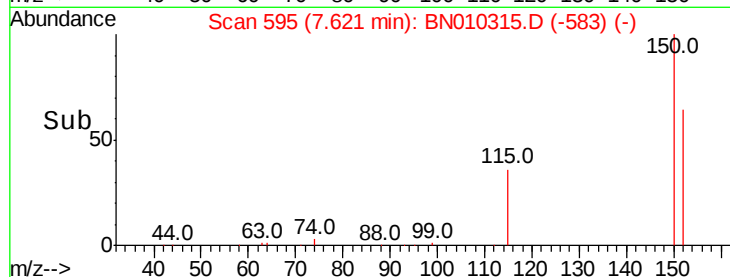
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. -0.00 min
Lab File: BN010315.D
Acq: 20 Mar 2020 22:43

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 4314
Ion Ratio Lower Upper
152 100
150 156.1 123.1 184.7
115 58.5 45.2 67.8



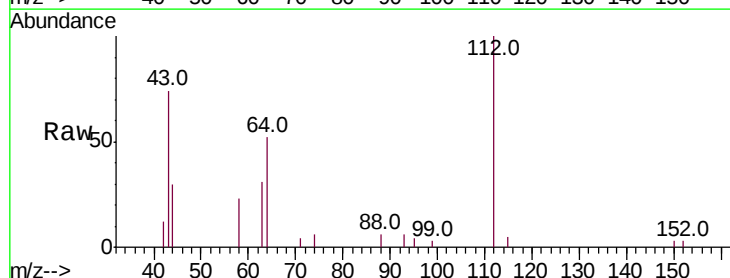
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



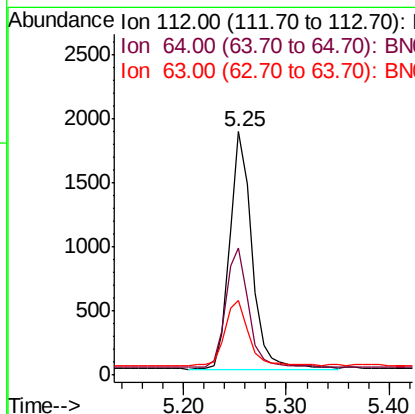
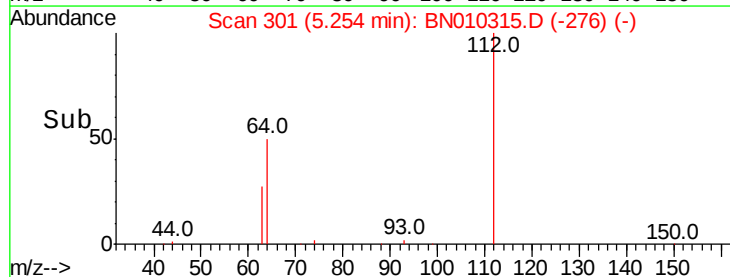
#4

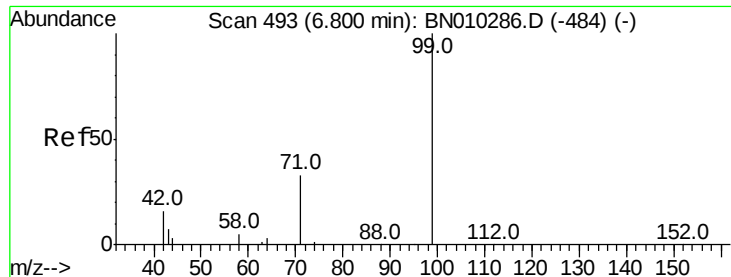
2-Fluorophenol
Concen: 0.325 ng
RT: 5.25 min Scan# 301
Delta R.T. -0.00 min
Lab File: BN010315.D
Acq: 20 Mar 2020 22:43

Tgt Ion:112 Resp: 2775
Ion Ratio Lower Upper
112 100
64 51.5 41.4 62.2
63 30.1 22.9 34.3



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





#5

Phenol-d6

Concen: 0.321 ng

RT: 6.80 min Scan# 493

Delta R.T. -0.00 min

Lab File: BN010315.D

Acq: 20 Mar 2020 22:43

Instrument :

BNA_N

ClientSampled :

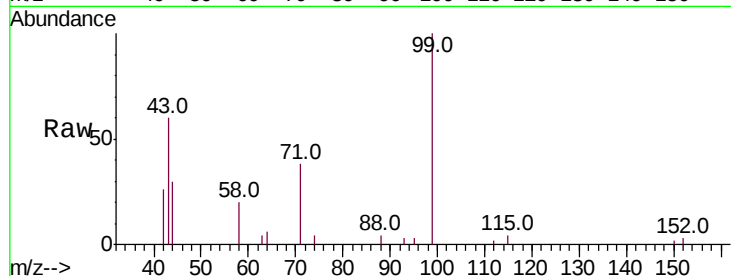
Tot Ion: 99 Resp: 3410

Ion Ratio Lower Upper

99 100

42 18.3 14.8 22.2

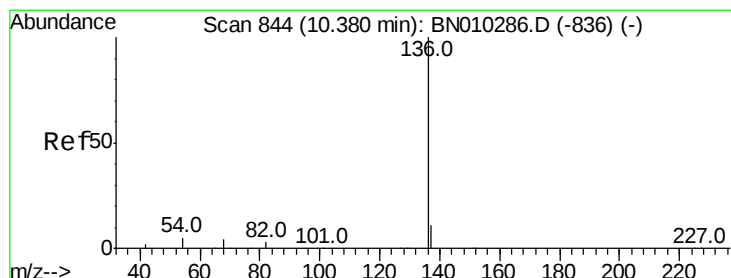
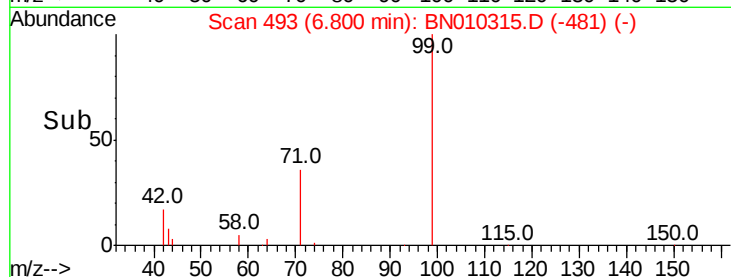
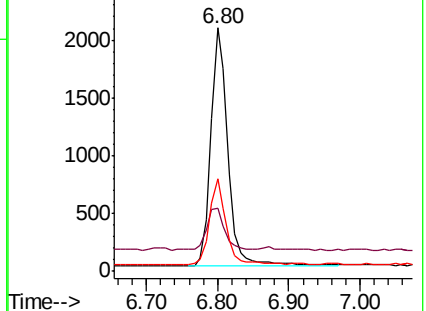
71 34.6 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN010286.D (-484) (-)

Ion 42.00 (41.70 to 42.70): BN010286.D (-484) (-)

Ion 71.00 (70.70 to 71.70): BN010286.D (-484) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.00 min

Lab File: BN010315.D

Acq: 20 Mar 2020 22:43

Tgt Ion: 136 Resp: 14714

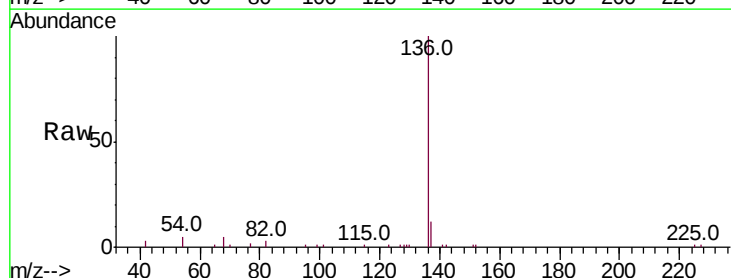
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 5.0 4.8 7.2

68 4.6 4.1 6.1

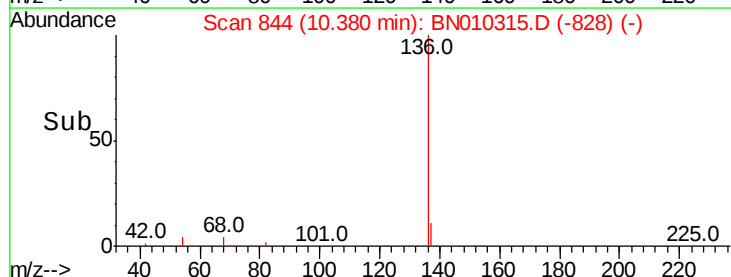
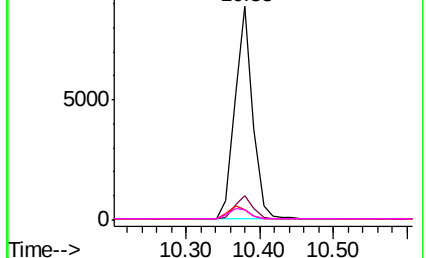


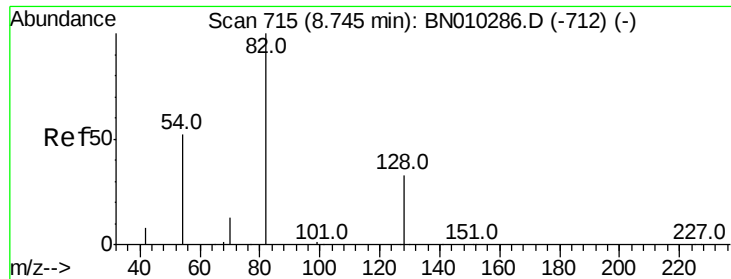
Abundance Ion 136.00 (135.70 to 136.70): BN010286.D (-836) (-)

Ion 137.00 (136.70 to 137.70): BN010286.D (-836) (-)

Ion 54.00 (53.70 to 54.70): BN010286.D (-836) (-)

Ion 68.00 (67.70 to 68.70): BN010286.D (-836) (-)

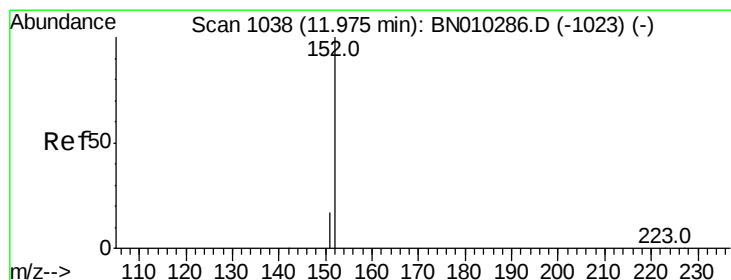
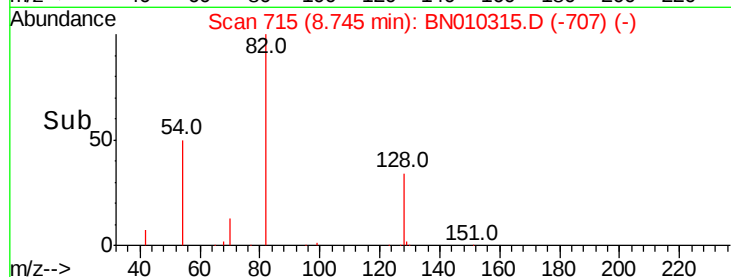
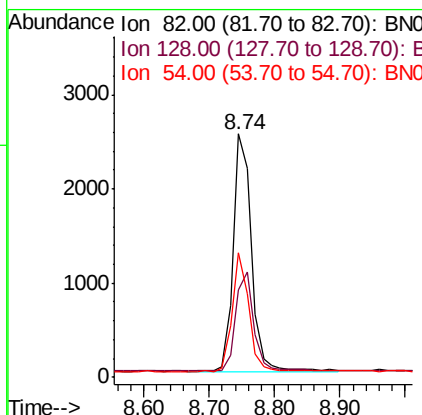
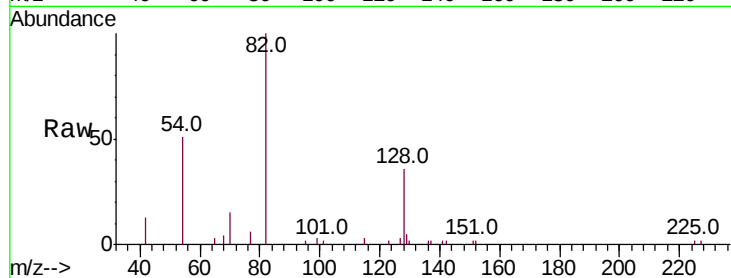




#8
 Nitrobenzene-d5
 Concen: 0.513 ng
 RT: 8.74 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: BN010315.D
 Acq: 20 Mar 2020 22:43

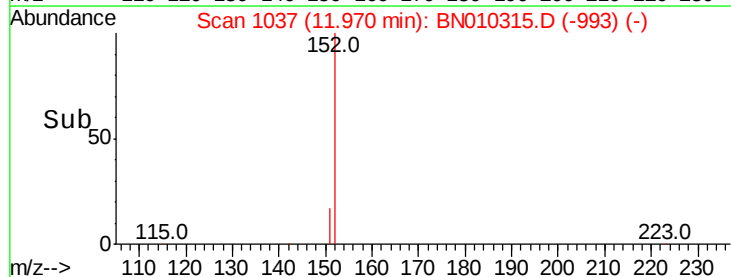
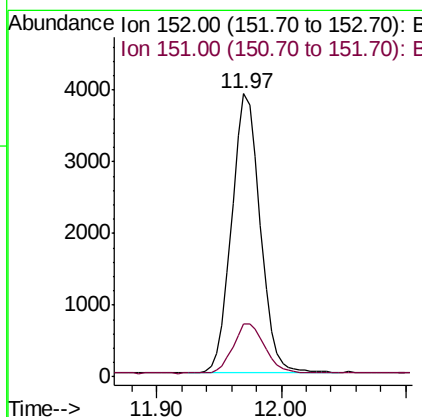
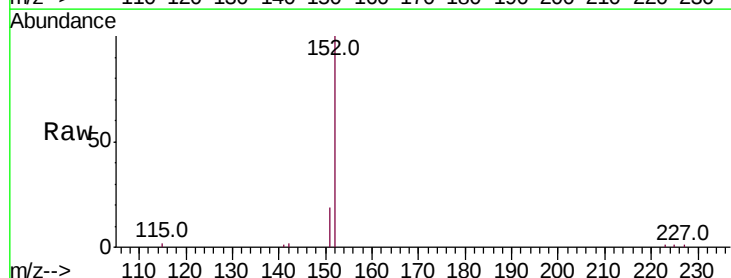
Instrument :
 BNA_N
 ClientSampleId :

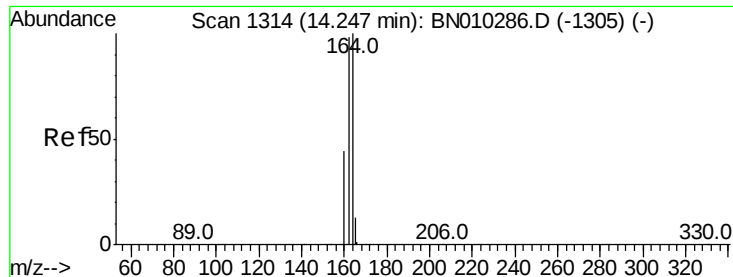
Tot Ion	82	Resp	4837
Ion Ratio	Lower	Upper	
82	100		
128	36.0	28.8	43.2
54	51.1	42.1	63.1



#11
 2-Methylnaphthalene-d10
 Concen: 0.265 ng
 RT: 11.97 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BN010315.D
 Acq: 20 Mar 2020 22:43

Tgt Ion	152	Resp	6213
Ion Ratio	Lower	Upper	
152	100		
151	19.6	15.4	23.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BN010315.D

Acq: 20 Mar 2020 22:43

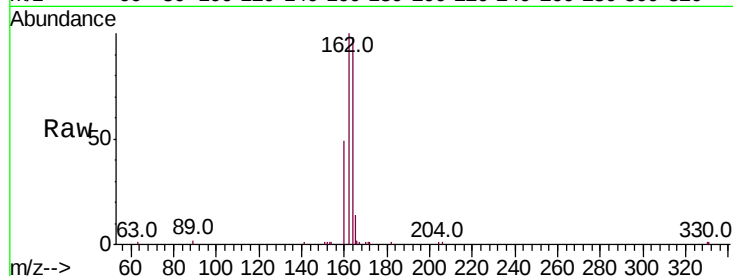
Instrument :

BNA_N

ClientSampleId :

Tot Ion:164 Resp: 8256

Ion	Ratio	Lower	Upper
164	100		
162	102.4	78.2	117.2
160	50.0	35.8	53.6

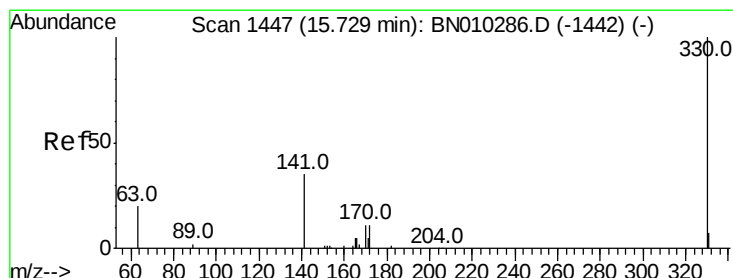
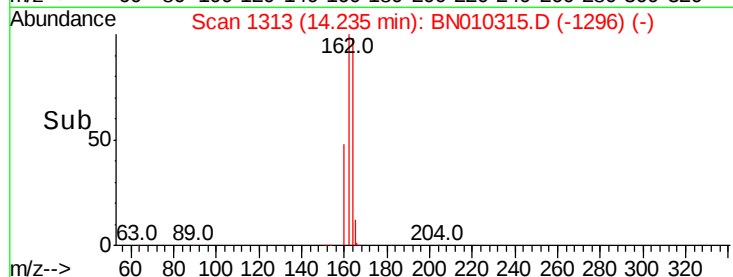
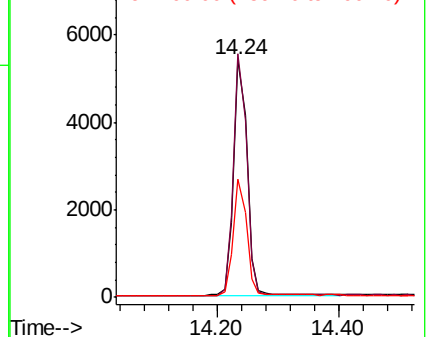


Abundance

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: 0.243 ng

RT: 15.73 min Scan# 1447

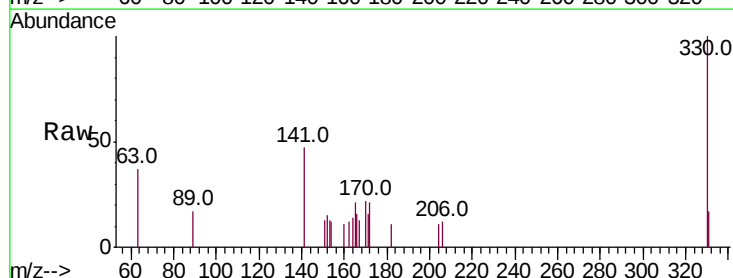
Delta R.T. -0.00 min

Lab File: BN010315.D

Acq: 20 Mar 2020 22:43

Tgt Ion:330 Resp: 772

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.1	29.3	43.9

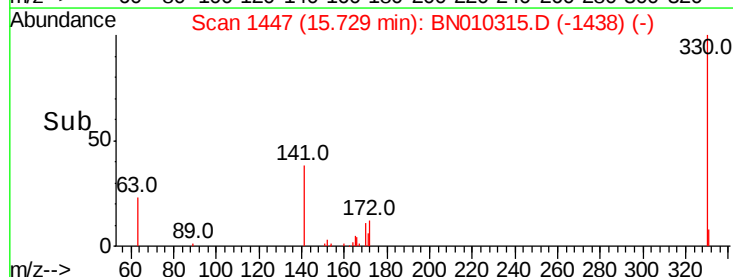
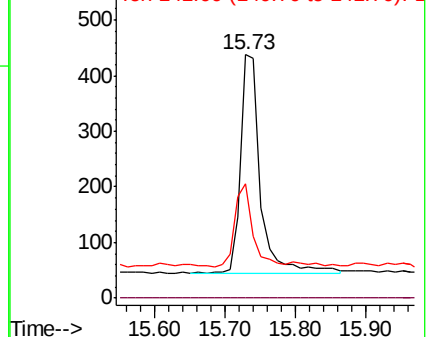


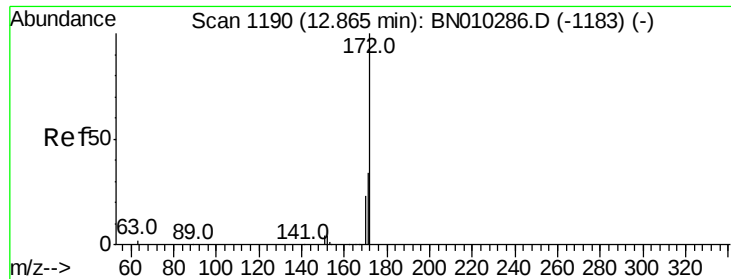
Abundance

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

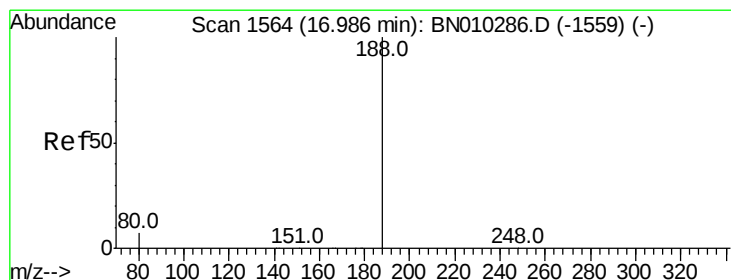
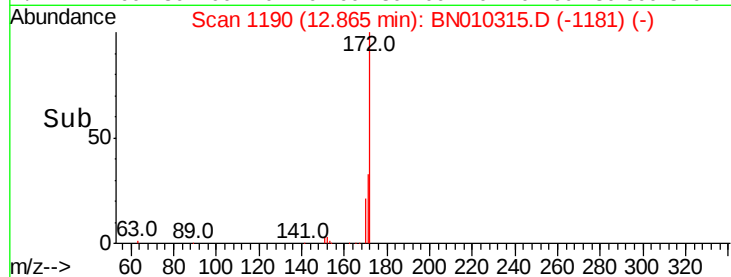
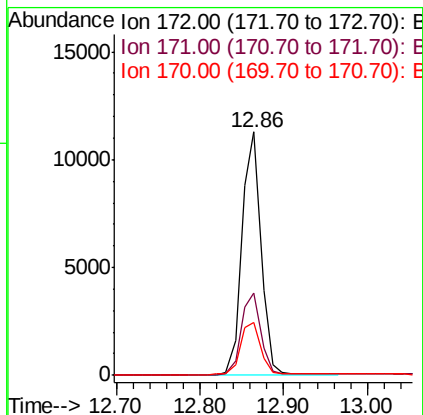
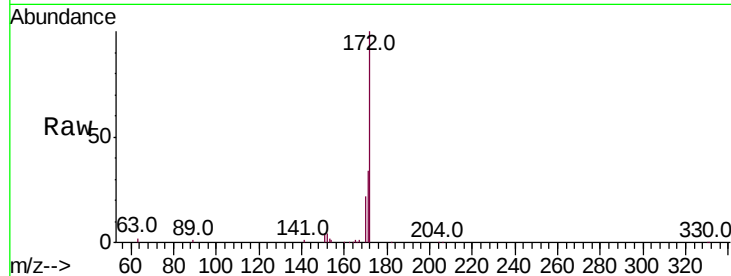




#15
2-Fluorobiphenyl
Concen: 0.558 ng
RT: 12.86 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BN010315.D
Acq: 20 Mar 2020 22:43

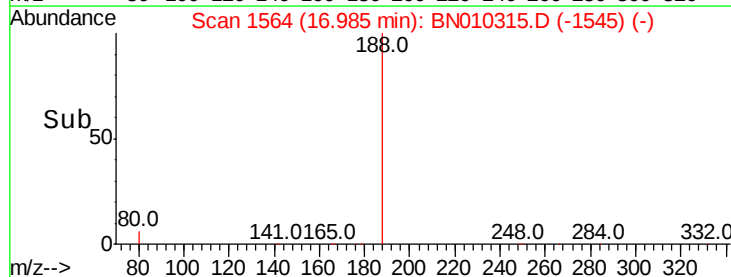
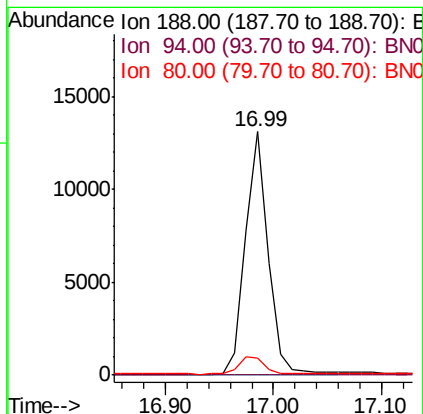
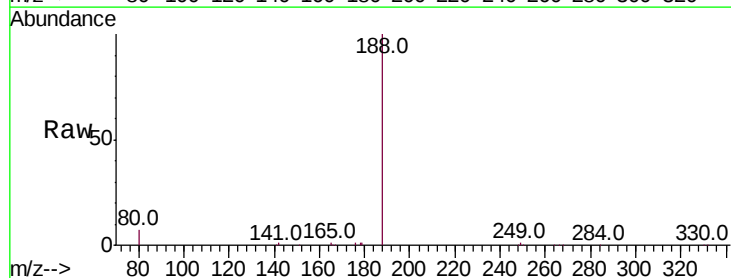
Instrument :
BNA_N
ClientSampleId :

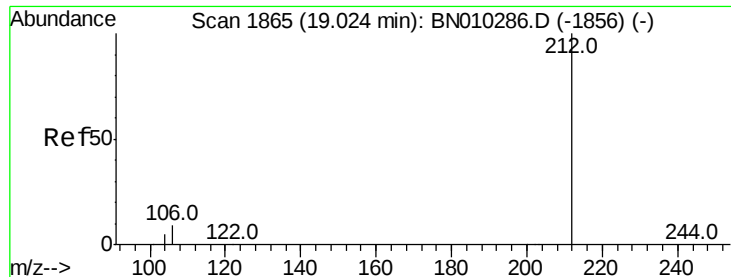
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.6	27.6	41.4
170	21.7	18.5	27.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.99 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN010315.D
Acq: 20 Mar 2020 22:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.9	6.0	9.0





#25

Fluoranthene-d10

Concen: 0.264 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BN010315.D

Acq: 20 Mar 2020 22:43

Instrument :

BNA_N

ClientSampleId :

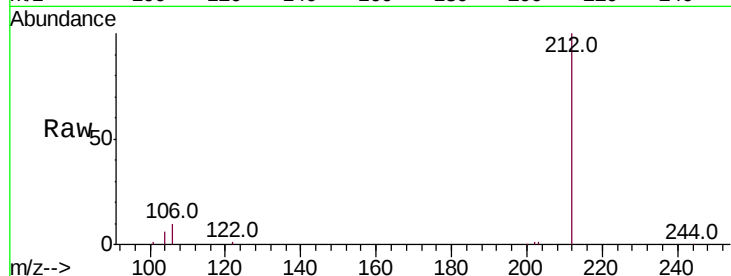
Tot Ion:212 Resp: 15140

Ion Ratio Lower Upper

212 100

106 9.0 7.4 11.2

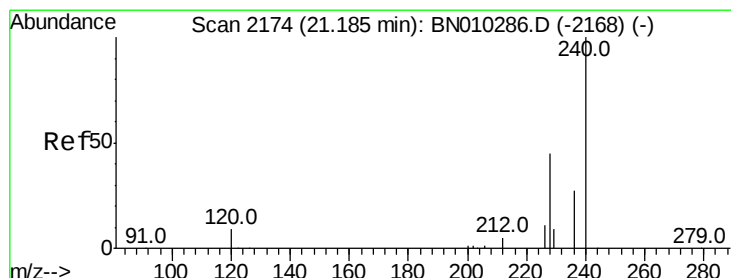
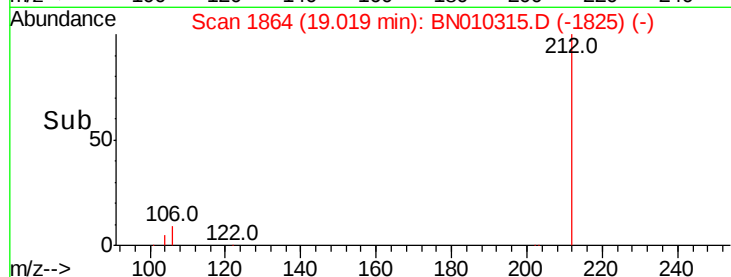
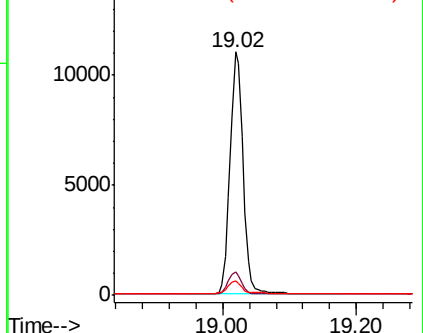
104 5.2 4.2 6.4



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BN010315.D

Acq: 20 Mar 2020 22:43

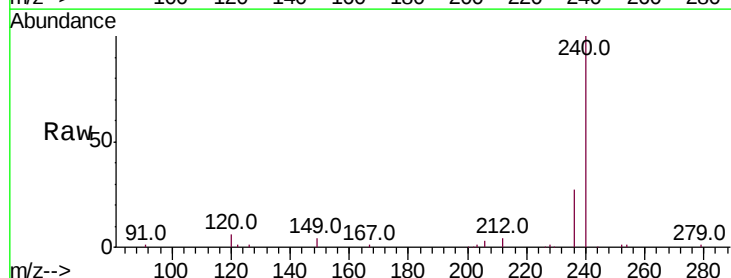
Tgt Ion:240 Resp: 19539

Ion Ratio Lower Upper

240 100

120 6.2 7.9 11.9#

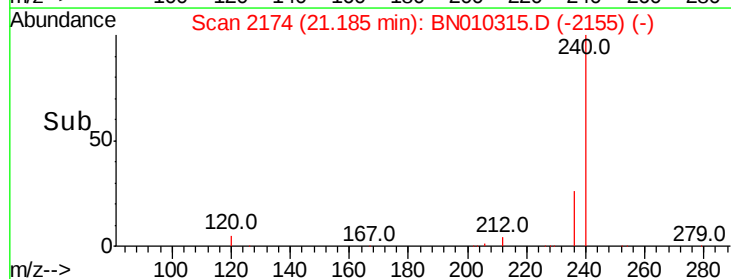
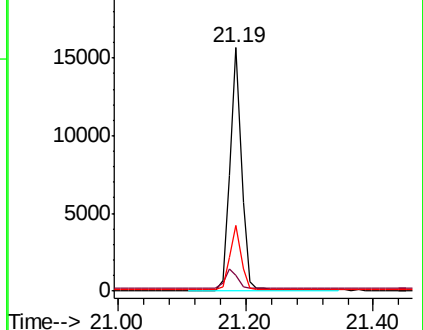
236 26.9 22.2 33.4

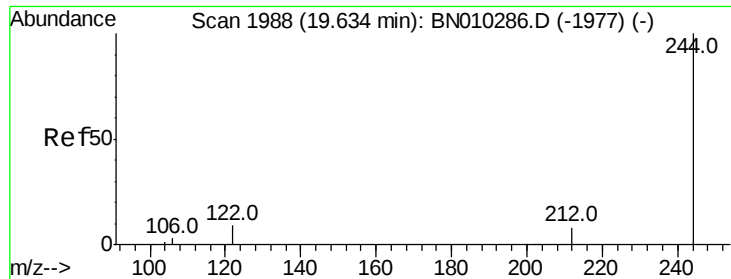


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.465 ng

RT: 19.63 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BN010315.D

Acq: 20 Mar 2020 22:43

Instrument :

BNA_N

ClientSampleId :

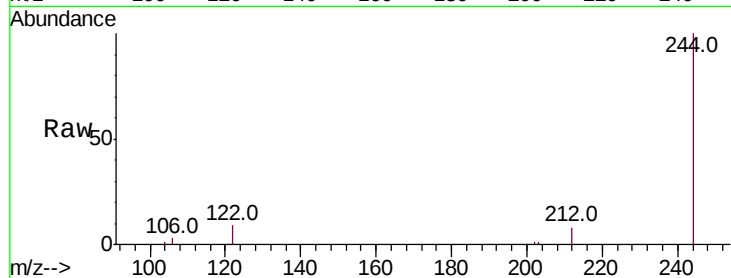
Tot Ion:244 Resp: 19624

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

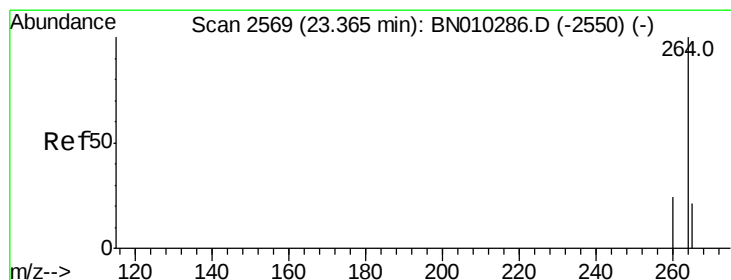
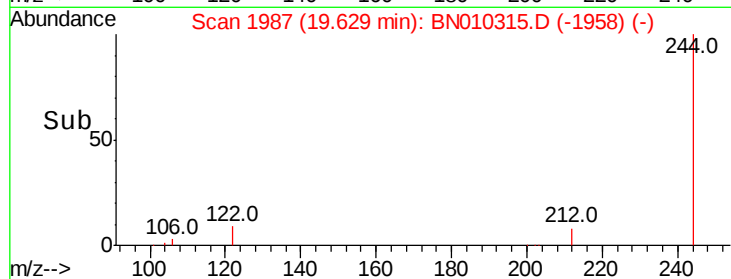
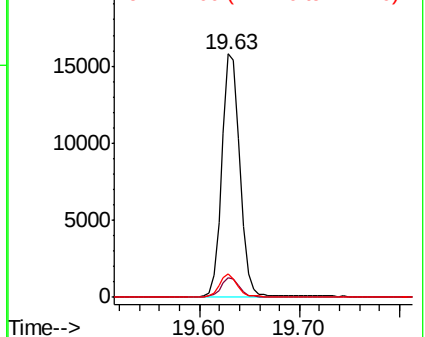
122 9.4 7.6 11.4



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

Perylene-d12

Concen: 0.400 ng

RT: 23.36 min Scan# 2567

Delta R.T. -0.01 min

Lab File: BN010315.D

Acq: 20 Mar 2020 22:43

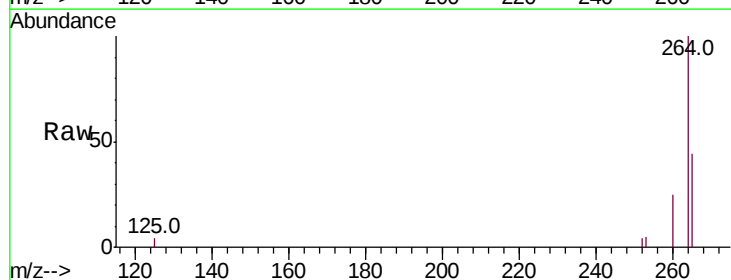
Tgt Ion:264 Resp: 18803

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 44.2 32.4 48.6



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

