

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041420\
 Data File : BN010499.D
 Acq On : 15 Apr 2020 04:06
 Operator : CG/JU
 Sample : L2017-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 15 05:54:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 18:04:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	183607	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	791539	0.40	ng	-0.01
13) Acenaphthene-d10	14.23	164	534459	0.40	ng	0.00
19) Phenanthrene-d10	16.97	188	1272103	0.40	ng	-0.01
27) Chrysene-d12	21.18	240	1431796	0.40	ng	-0.01
34) Perylene-d12	23.35	264	1243809	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	925282	2.30	ng	0.00
5) Phenol-d6	6.79	99	1248587	2.38	ng	0.00
8) Nitrobenzene-d5	8.73	82	794301	1.44	ng	-0.01
11) 2-Methylnaphthalene-d10	11.96	152	73	0.00	ng	0.00
14) 2,4,6-Tribromophenol	15.72	330	663101	2.63	ng	0.00
15) 2-Fluorobiphenyl	12.85	172	2260345	1.16	ng	0.00
25) Fluoranthene-d10	19.00	212	4	0.00	ng	-0.02
29) Terphenyl-d14	19.63	244	3331598	1.02	ng	0.00

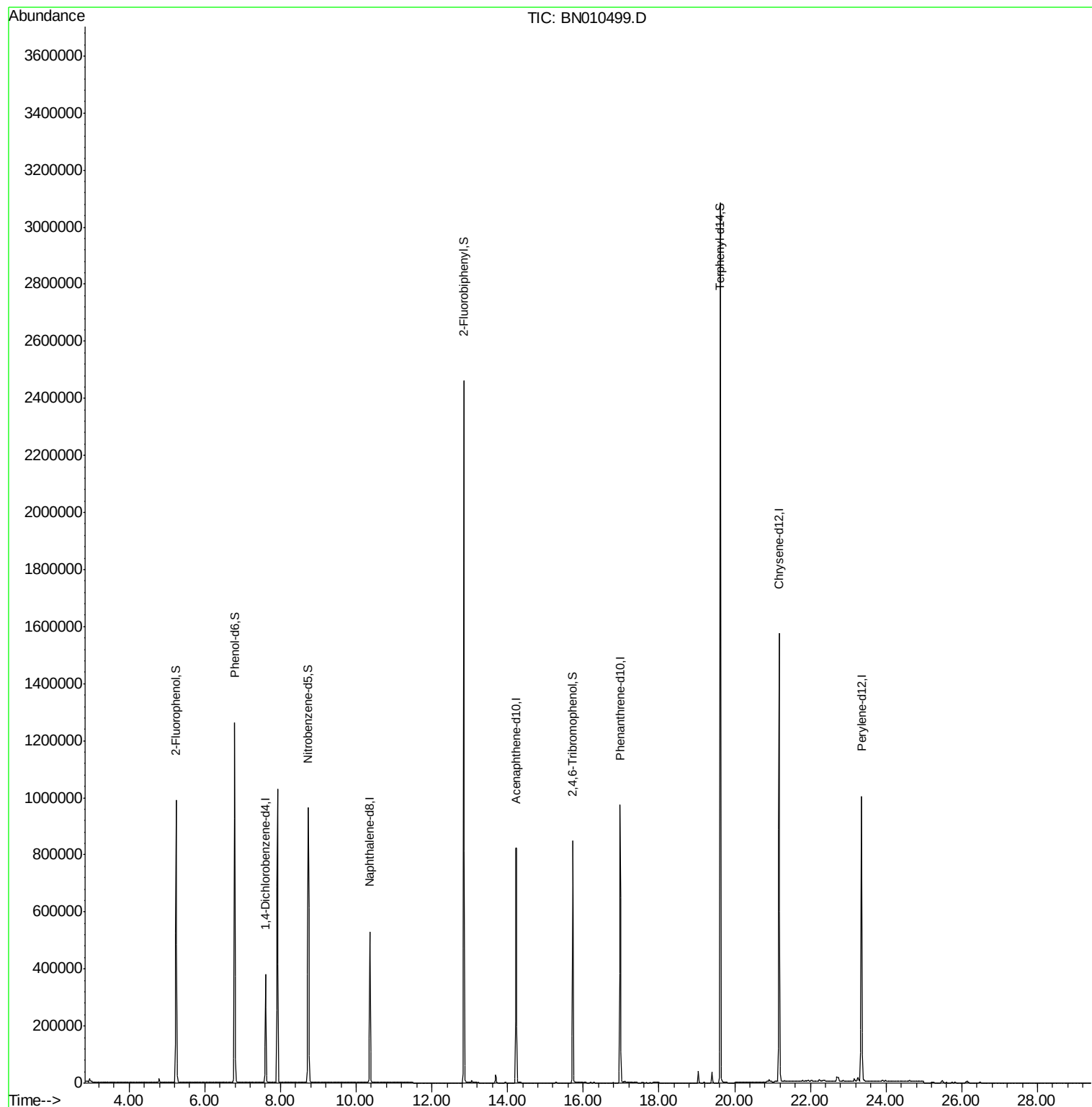
Target Compounds	Qvalue
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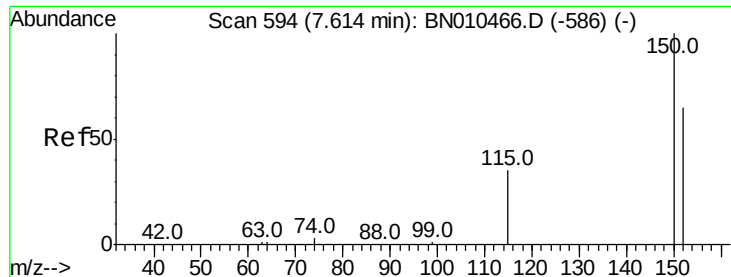
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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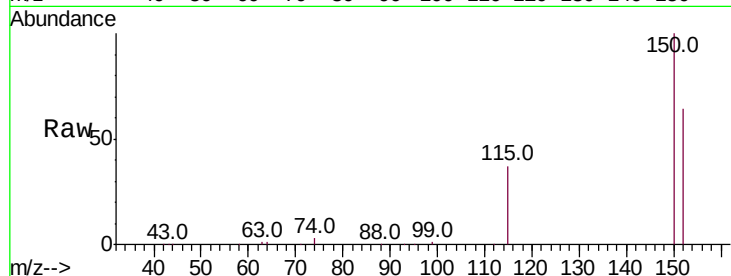


#1

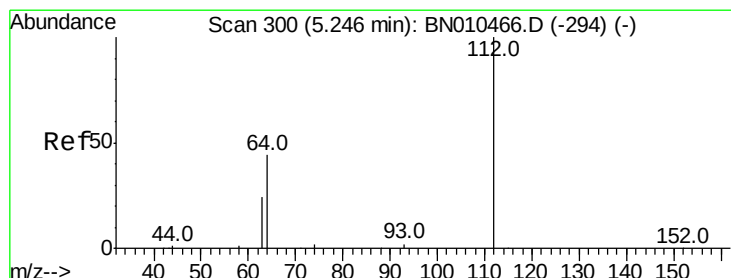
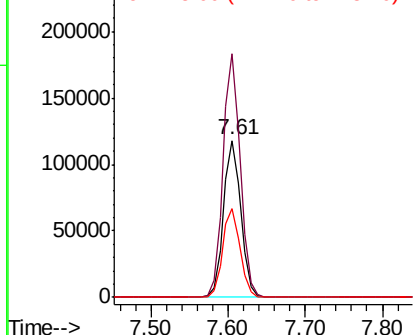
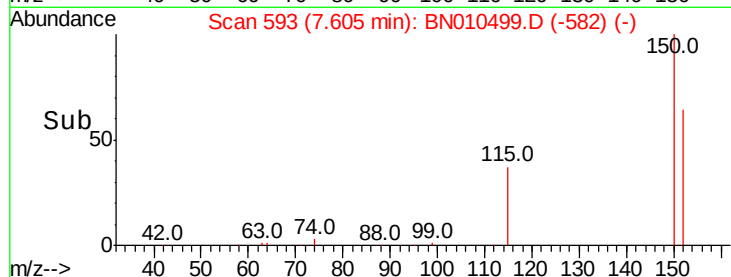
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 593
Delta R.T. -0.01 min
Lab File: BN010499.D
Acq: 15 Apr 2020 04:06

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	121.8	182.6
115	56.7	45.5	68.3



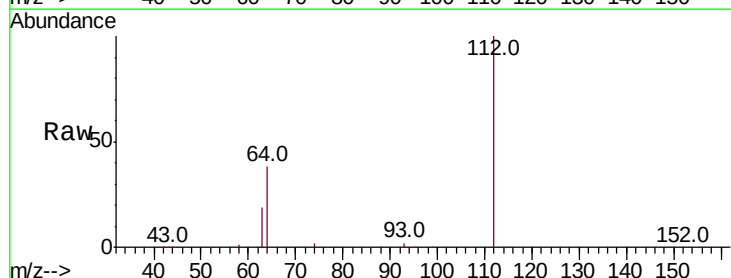
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



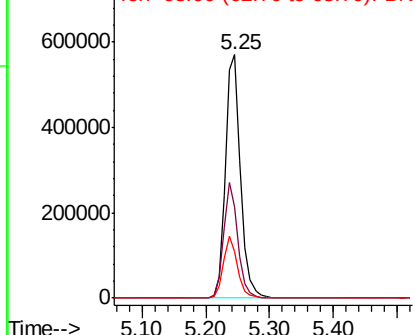
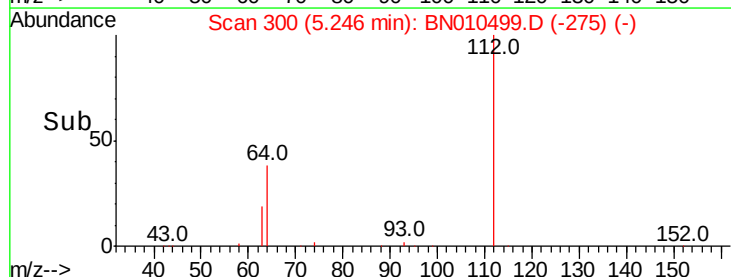
#4

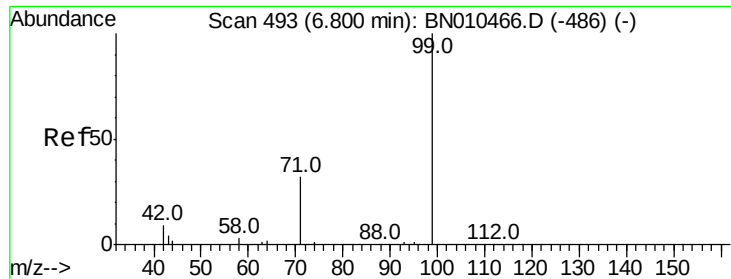
2-Fluorophenol
Concen: 2.301 ng
RT: 5.25 min Scan# 300
Delta R.T. -0.00 min
Lab File: BN010499.D
Acq: 15 Apr 2020 04:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.0	35.8	53.8
63	23.8	19.9	29.9



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: 2.376 ng

RT: 6.79 min Scan# 492

Delta R.T. -0.01 min

Lab File: BN010499.D

Acq: 15 Apr 2020 04:06

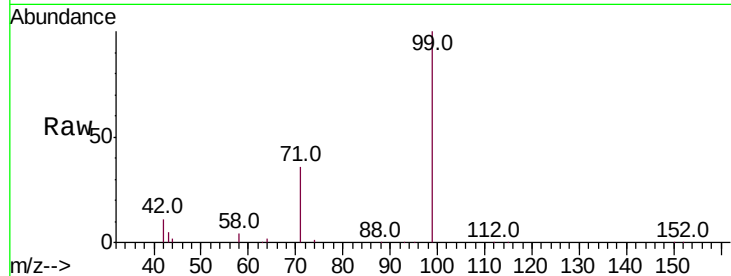
Instrument :

BNA_N

ClientSampleId :

Tot Ion: 99 Resp: 1248587

Ion	Ratio	Lower	Upper
99	100		
42	11.3	9.8	14.6
71	35.0	27.8	41.8

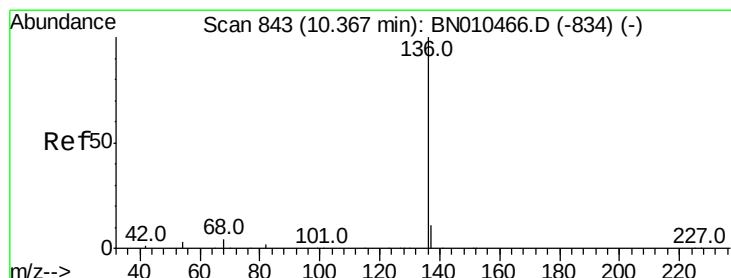
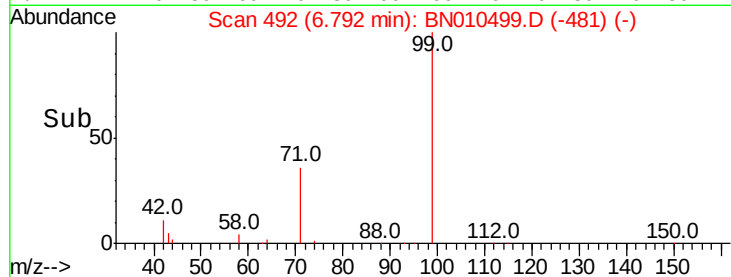
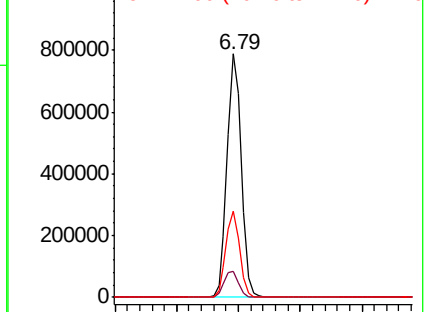


Abundance

Ion 99.00 (98.70 to 99.70): BN010466.D (-486) (-)

Ion 42.00 (41.70 to 42.70): BN010466.D (-486) (-)

Ion 71.00 (70.70 to 71.70): BN010466.D (-486) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 842

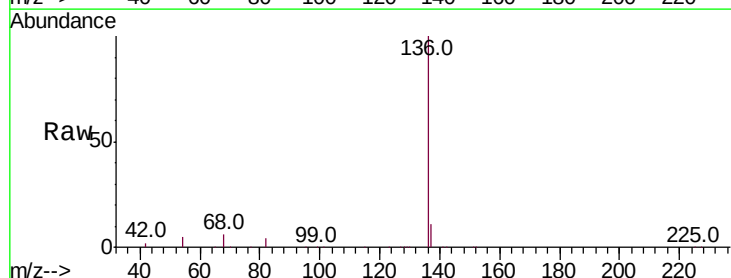
Delta R.T. -0.01 min

Lab File: BN010499.D

Acq: 15 Apr 2020 04:06

Tgt Ion: 136 Resp: 791539

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	4.8	2.6	4.0#
68	5.7	3.4	5.2#



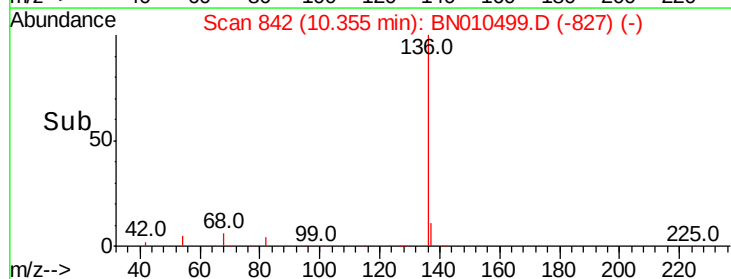
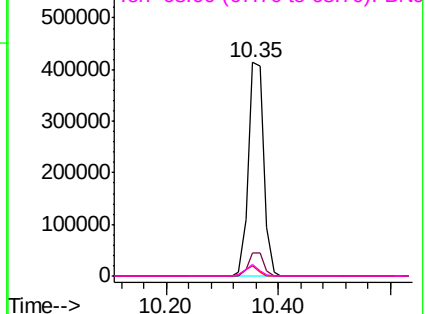
Abundance

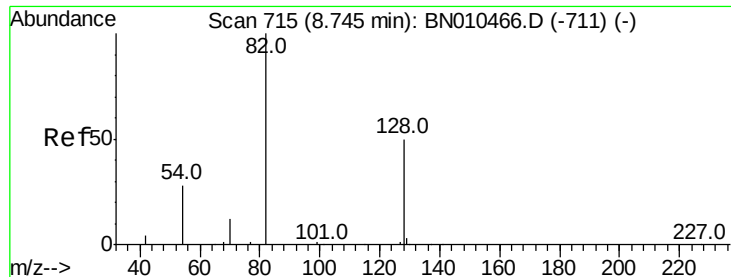
Ion 136.00 (135.70 to 136.70): BN010466.D (-834) (-)

Ion 137.00 (136.70 to 137.70): BN010466.D (-834) (-)

Ion 54.00 (53.70 to 54.70): BN010466.D (-834) (-)

Ion 68.00 (67.70 to 68.70): BN010466.D (-834) (-)

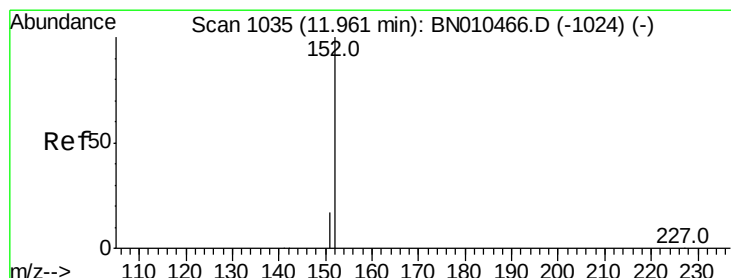
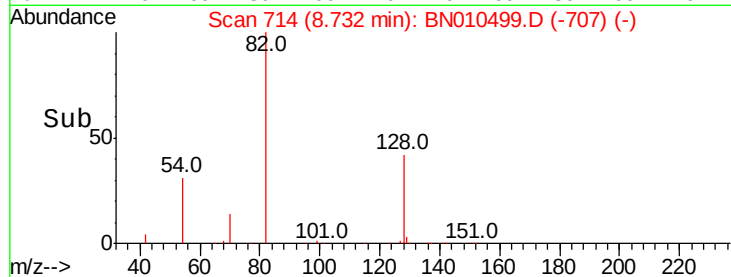
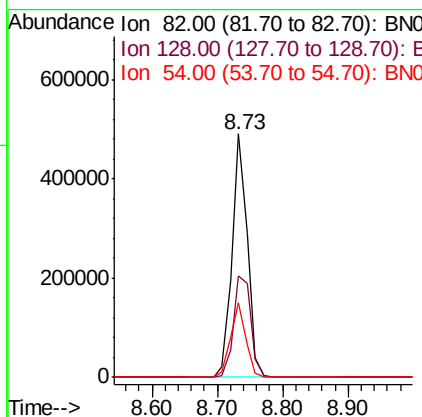
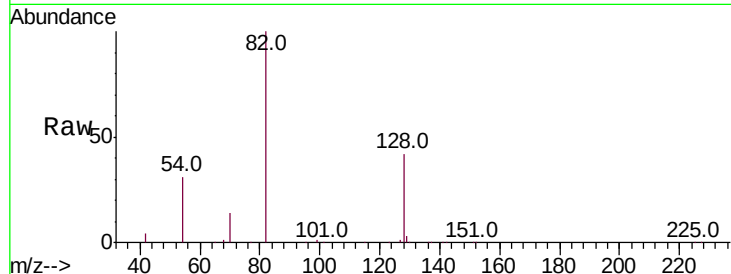




#8
 Nitrobenzene-d5
 Concen: 1.435 ng
 RT: 8.73 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: BN010499.D
 Acq: 15 Apr 2020 04:06

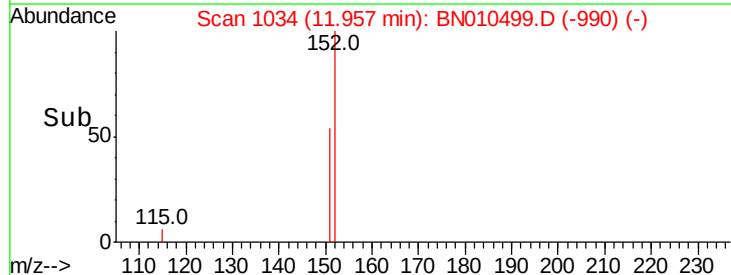
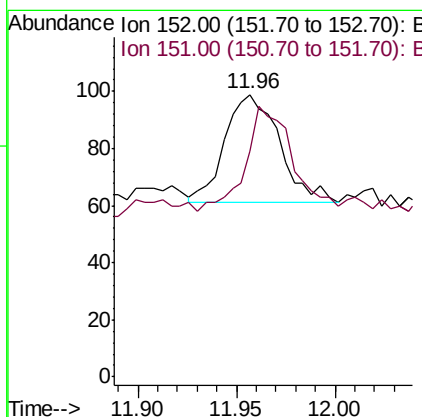
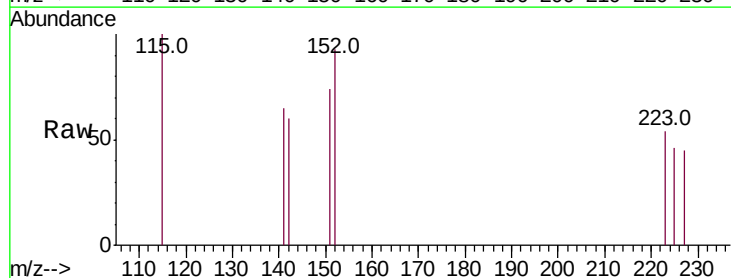
Instrument :
 BNA_N
 ClientSampleId :

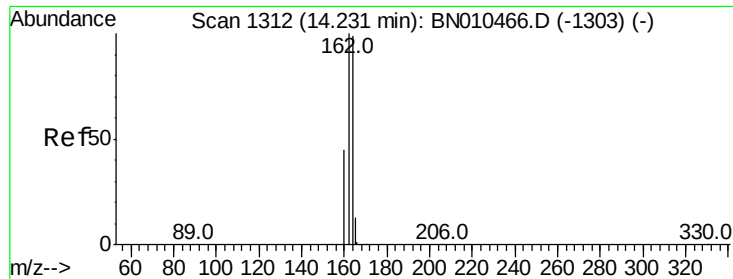
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	41.3	61.9
54	30.7	23.4	35.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.000 ng
 RT: 11.96 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BN010499.D
 Acq: 15 Apr 2020 04:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	84.9	15.3	22.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.23 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BN010499.D

Acq: 15 Apr 2020 04:06

Instrument :

BNA_N

ClientSampleId :

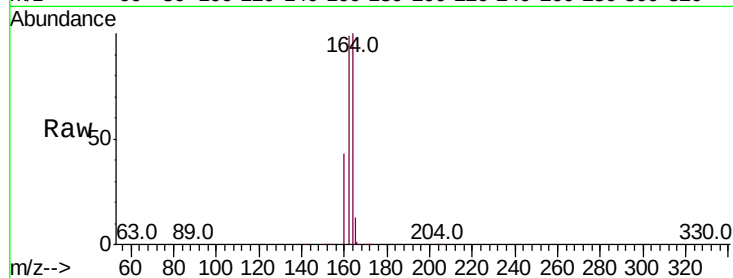
Tot Ion:164 Resp: 534459

Ion Ratio Lower Upper

164 100

162 99.4 80.6 121.0

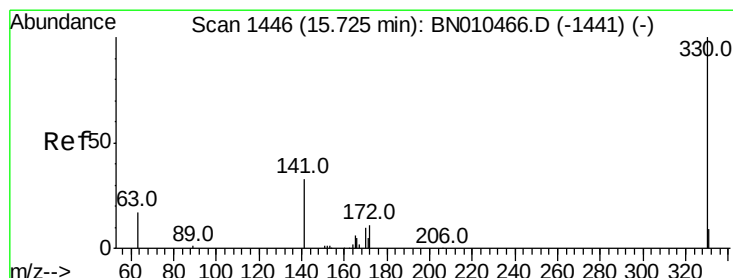
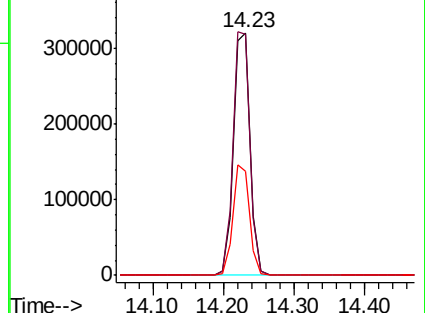
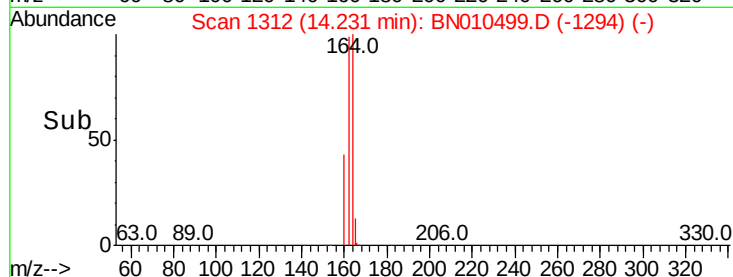
160 42.8 36.5 54.7



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: 2.632 ng

RT: 15.72 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BN010499.D

Acq: 15 Apr 2020 04:06

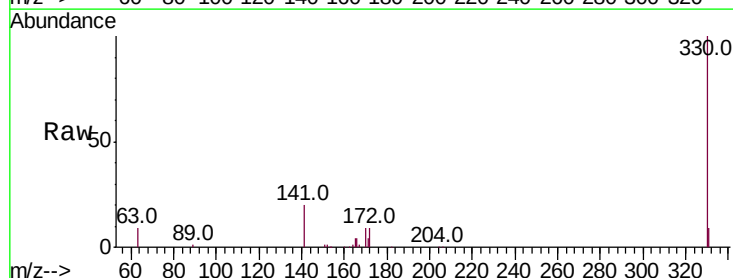
Tgt Ion:330 Resp: 663101

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

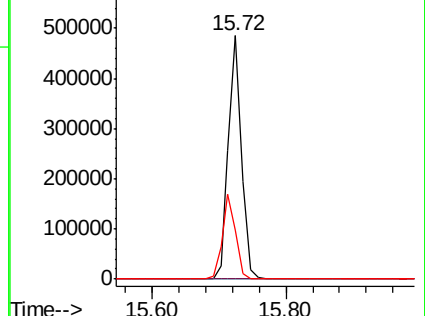
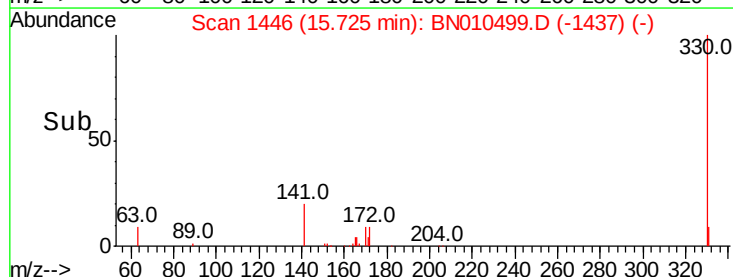
141 35.6 28.1 42.1

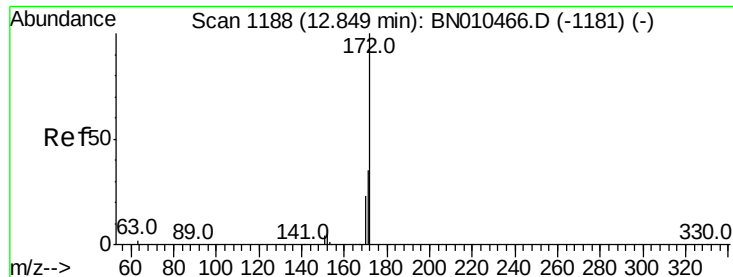


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

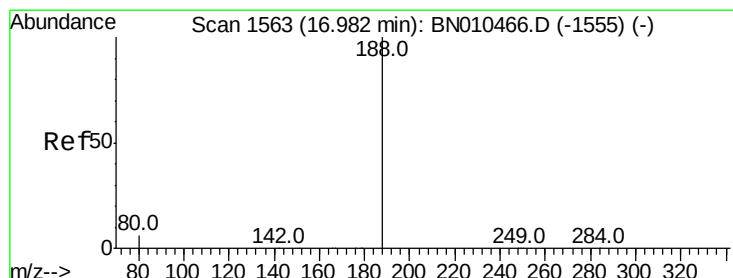
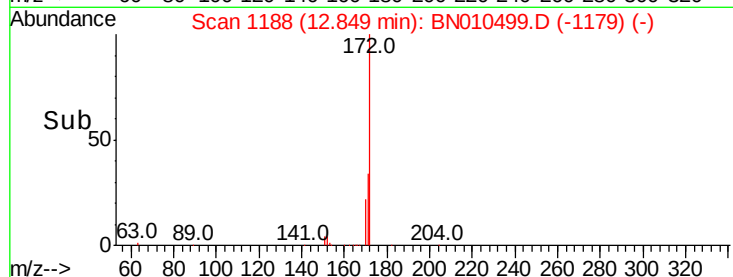
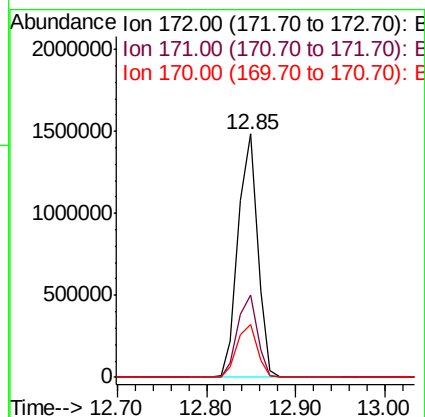
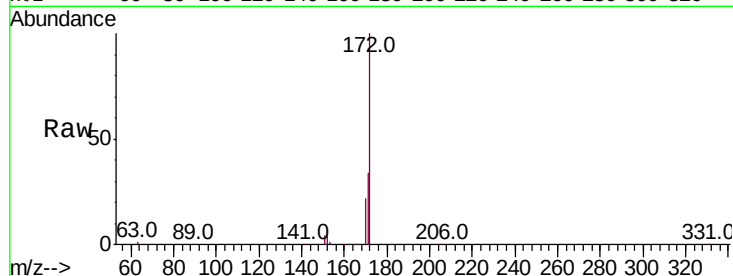




#15
2-Fluorobiphenyl
Concen: 1.162 ng
RT: 12.85 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BN010499.D
Acq: 15 Apr 2020 04:06

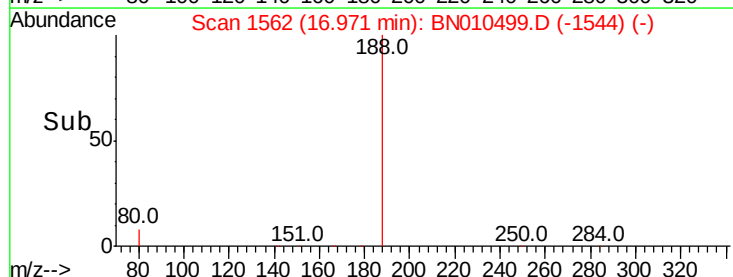
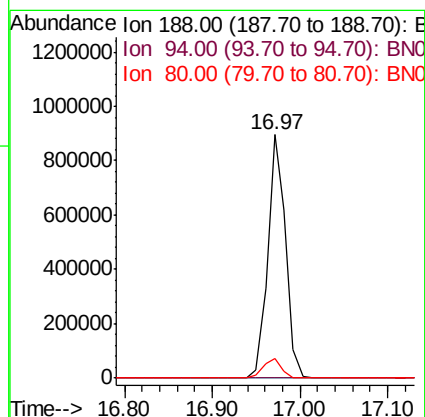
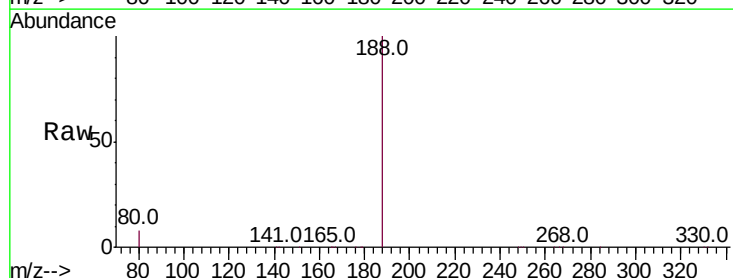
Instrument :
BNA_N
ClientSampleId :

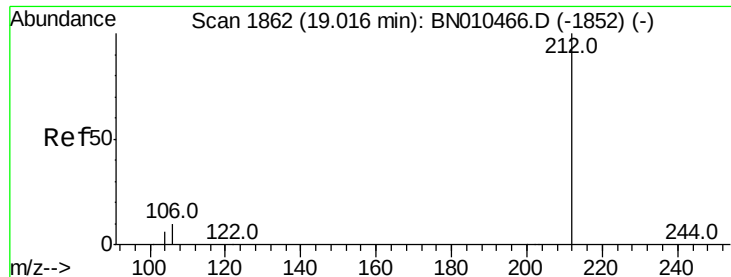
Tot Ion:172 Resp: 2260345
Ion Ratio Lower Upper
172 100
171 33.8 28.2 42.2
170 21.5 18.4 27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.97 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BN010499.D
Acq: 15 Apr 2020 04:06

Tgt Ion:188 Resp: 1272103
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 5.0 7.6#





#25

Fluoranthene-d10

Concen: 0.000 ng

RT: 19.00 min Scan# 1858

Delta R.T. -0.02 min

Lab File: BN010499.D

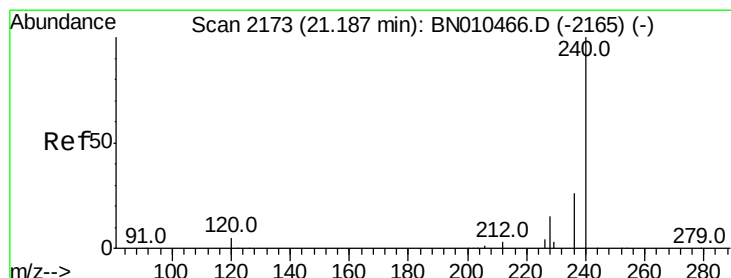
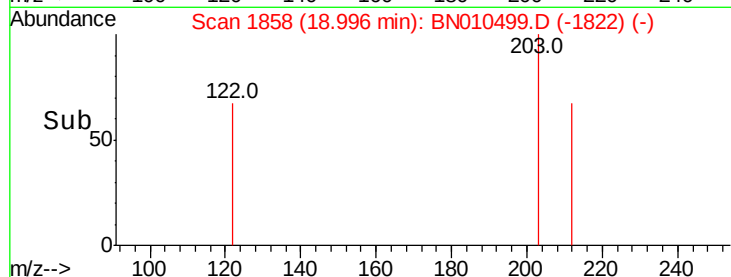
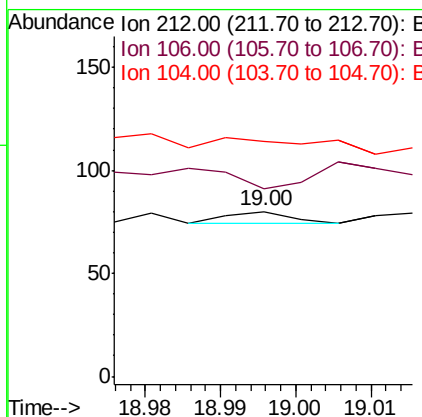
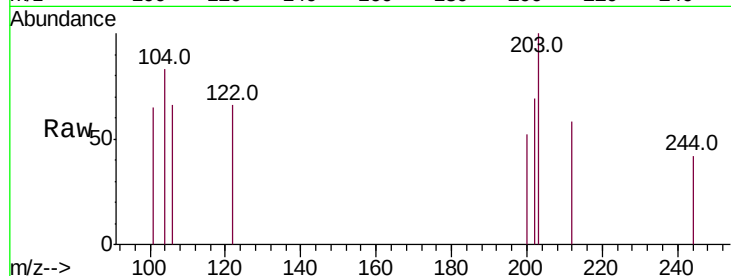
Acq: 15 Apr 2020 04:06

Instrument :

BNA_N

ClientSampleId :

Tot Ion:212	Resp:	4
Ion	Ratio	Lower Upper
212	100	
106	300.0	7.8 11.6#
104	0.0	4.5 6.7#



#27

Chrysene-d12

Concen: 0.400 ng

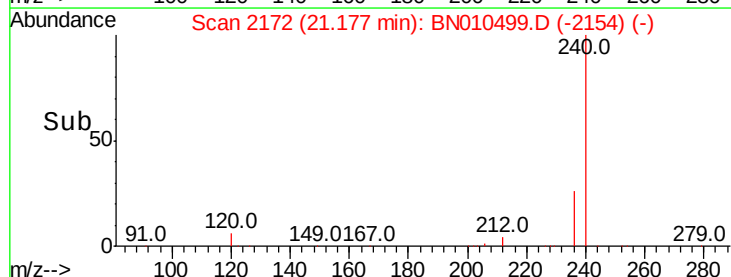
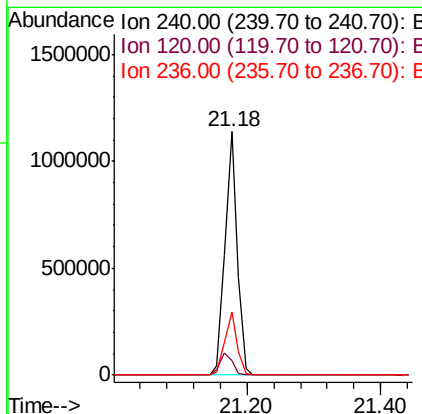
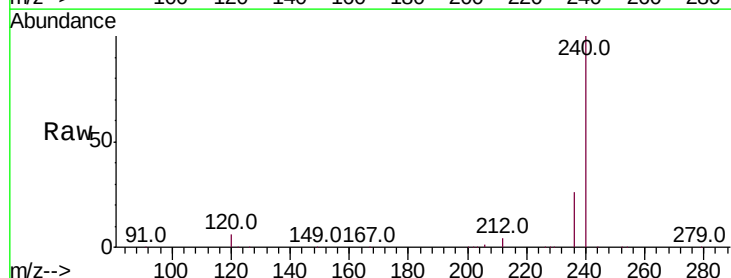
RT: 21.18 min Scan# 2172

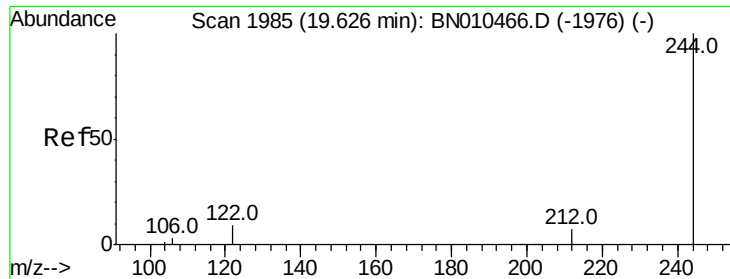
Delta R.T. -0.01 min

Lab File: BN010499.D

Acq: 15 Apr 2020 04:06

Tgt Ion:240	Resp:	1431796
Ion	Ratio	Lower Upper
240	100	
120	6.1	4.8 7.2
236	25.9	21.4 32.0





#29

Terphenyl-d14

Concen: 1.017 ng

RT: 19.63 min Scan# 1985

Delta R.T. 0.00 min

Lab File: BN010499.D

Acq: 15 Apr 2020 04:06

Instrument :

BNA_N

ClientSampleId :

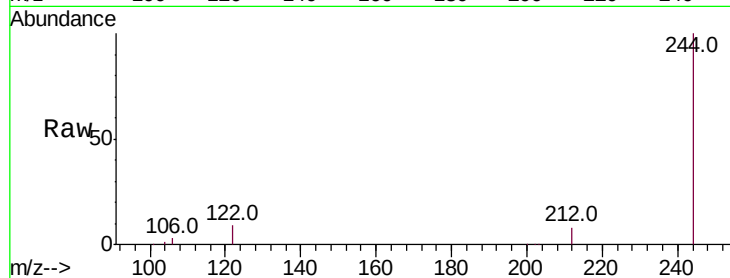
Tot Ion:244 Resp: 3331598

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.4

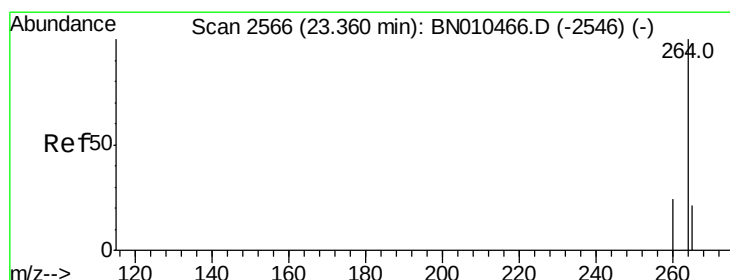
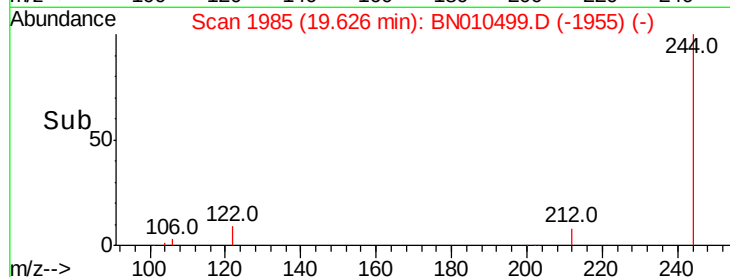
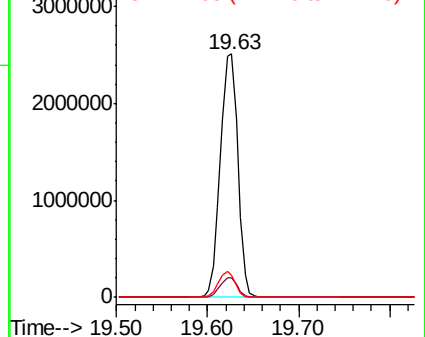
122 9.3 7.8 11.8



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: 23.35 min Scan# 2563

Delta R.T. -0.01 min

Lab File: BN010499.D

Acq: 15 Apr 2020 04:06

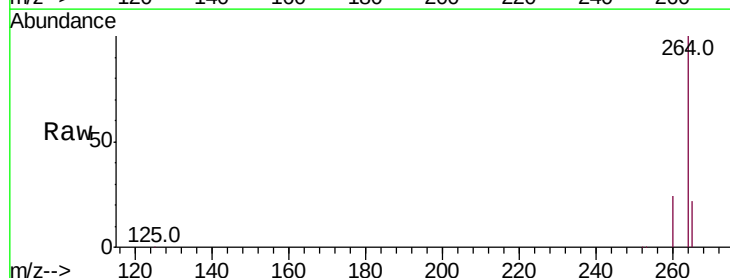
Tgt Ion:264 Resp: 1243809

Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.8

265 22.2 42.3 63.5#



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

