

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091520\
 Data File : BN011803.D
 Acq On : 15 Sep 2020 16:53
 Operator : CG/JU
 Sample : PB131586BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB131586BL

Quant Time: Sep 15 18:18:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:55:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	1342	0.40	ng	0.00
7) Naphthalene-d8	10.50	136	4706	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	2754	0.40	ng	0.00
19) Phenanthrene-d10	17.11	188	6355	0.40	ng	0.01
29) Chrysene-d12	21.31	240	7061	0.40	ng	0.00
36) Perylene-d12	23.56	264	7545	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.32	112	1389	0.37	ng	0.00
5) Phenol-d6	6.89	99	1747	0.37	ng	0.00
8) Nitrobenzene-d5	8.87	82	1509	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.10	152	2499	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	630	0.42	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	4217	0.34	ng	0.00
27) Fluoranthene-d10	19.15	212	6219	0.30	ng	0.00
31) Terphenyl-d14	19.75	244	7377	0.34	ng	0.00

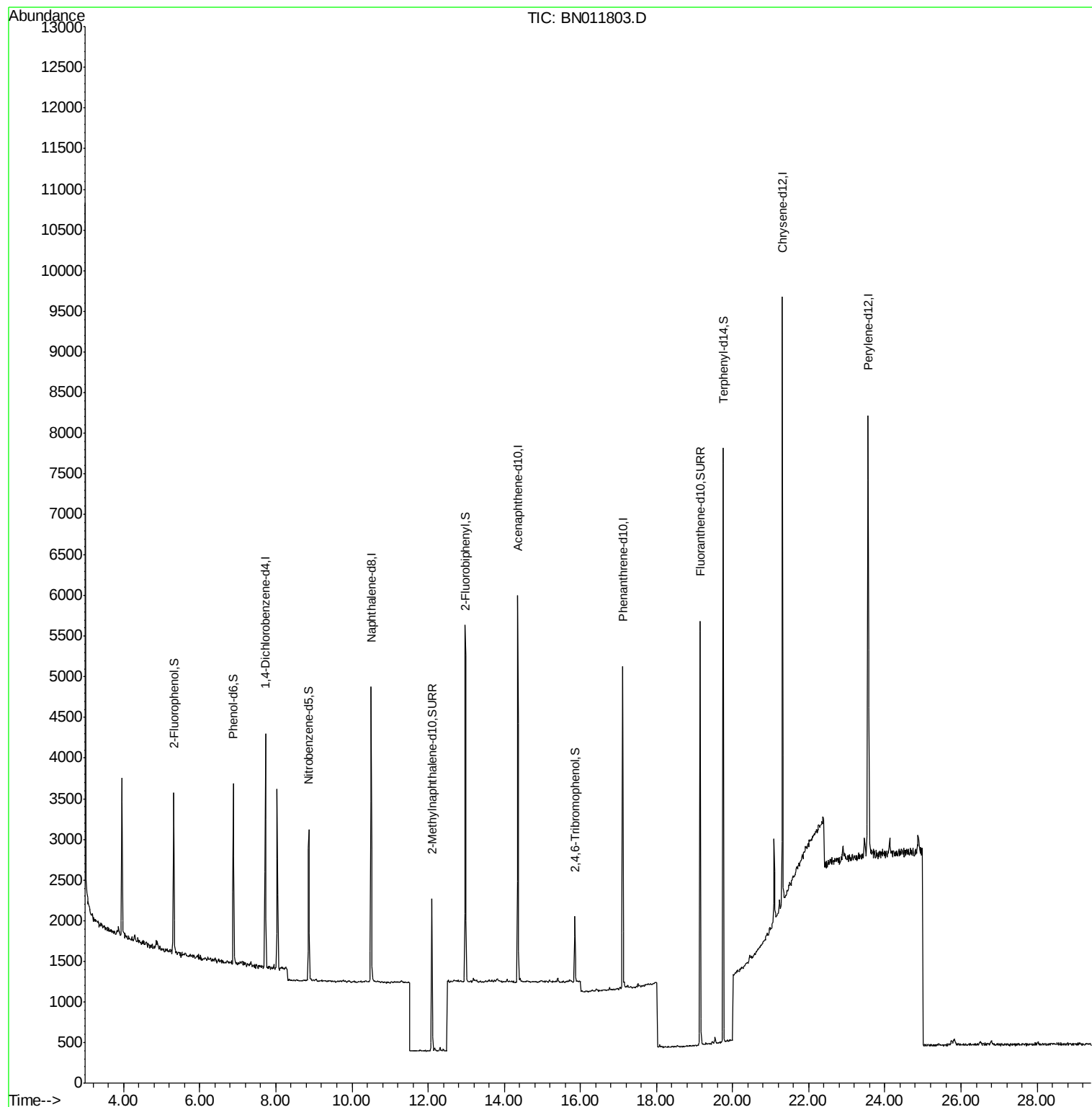
Target Compounds	Qvalue
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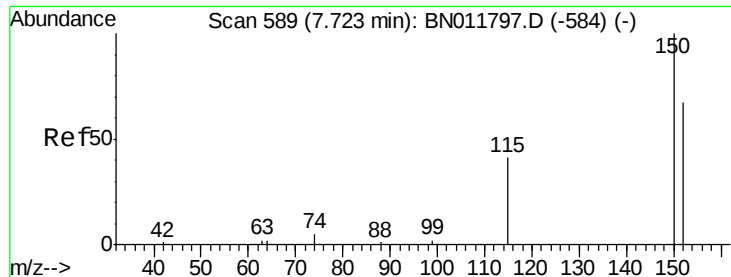
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.72 min Scan# 589

Delta R.T. -0.00 min

Lab File: BN011803.D

Acq: 15 Sep 2020 16:53

Instrument :

BNA_N

ClientSampleId :

PB131586BL

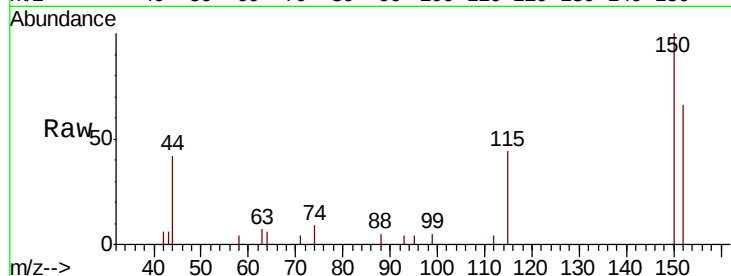
Tot Ion:152 Resp: 1342

Ion Ratio Lower Upper

152 100

150 150.7 118.3 177.5

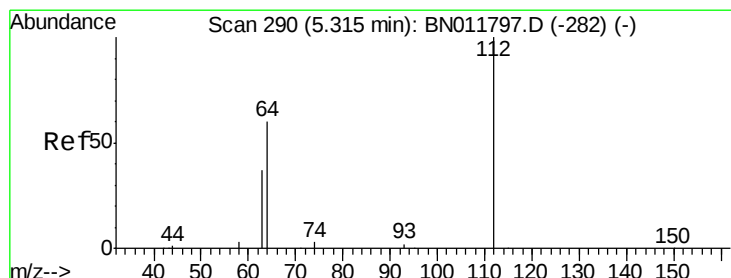
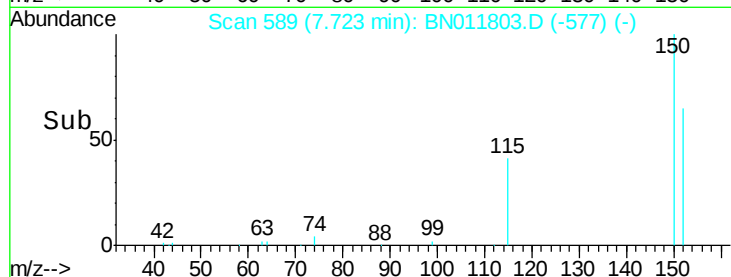
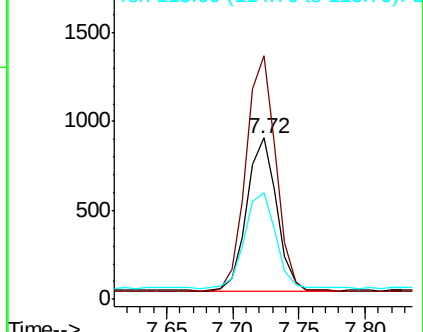
115 66.1 51.3 76.9



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: 0.374 ng

RT: 5.32 min Scan# 290

Delta R.T. -0.00 min

Lab File: BN011803.D

Acq: 15 Sep 2020 16:53

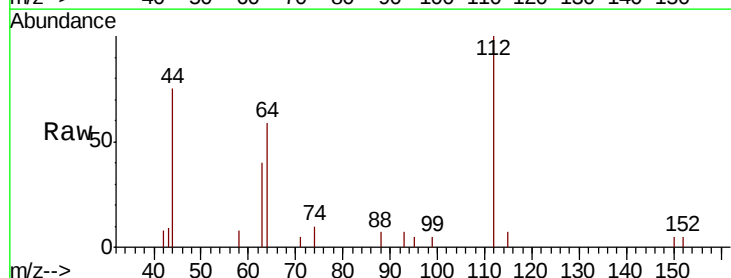
Tgt Ion:112 Resp: 1389

Ion Ratio Lower Upper

112 100

64 60.2 49.0 73.6

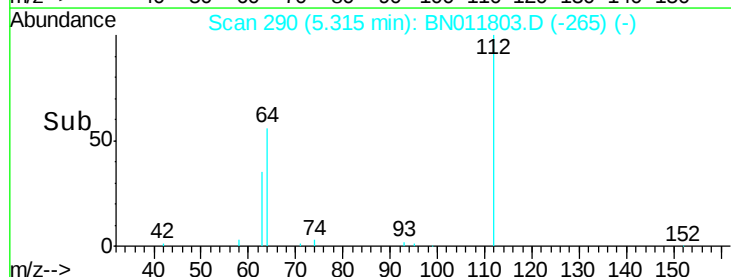
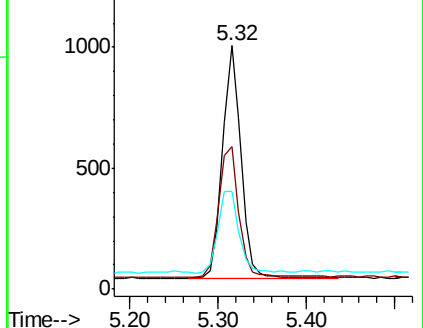
63 40.0 31.8 47.6

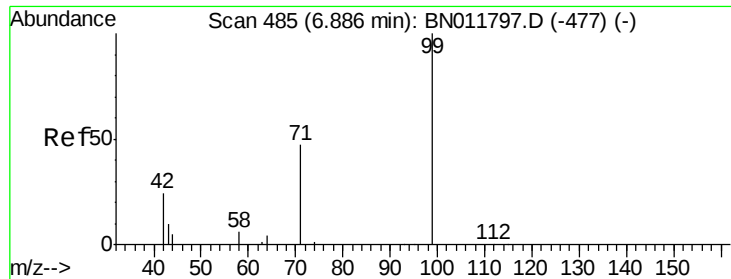


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.366 ng

RT: 6.89 min Scan# 485

Delta R.T. -0.00 min

Lab File: BN011803.D

Acq: 15 Sep 2020 16:53

Instrument :

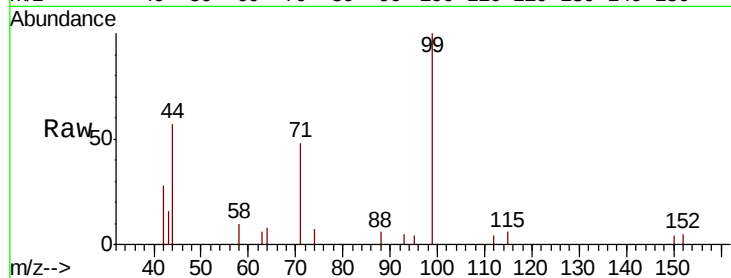
BNA_N

ClientSampleId :

PB131586BL

Tot Ion: 99 Resp: 1747

Ion	Ratio	Lower	Upper
99	100		
42	29.3	23.4	35.0
71	48.1	38.1	57.1

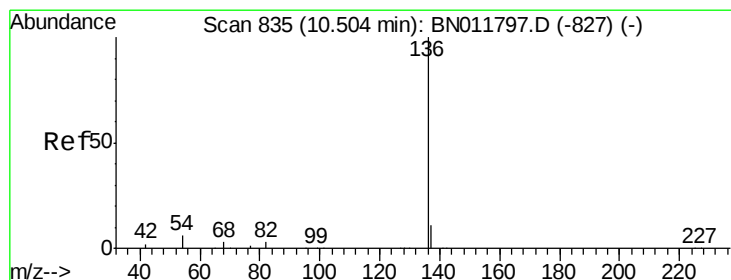
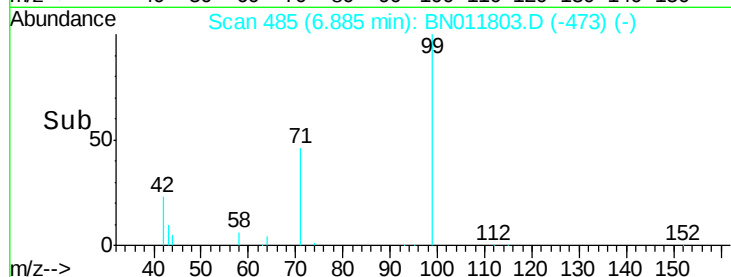
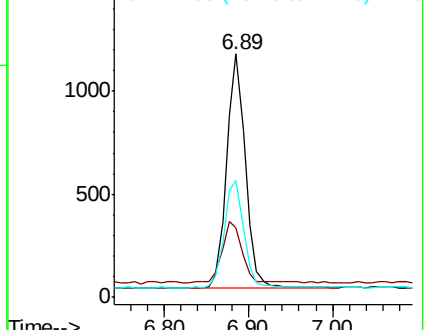


Abundance

Ion 99.00 (98.70 to 99.70): BN011797.D (-477) (-)

Ion 42.00 (41.70 to 42.70): BN011797.D (-477) (-)

Ion 71.00 (70.70 to 71.70): BN011797.D (-477) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.50 min Scan# 835

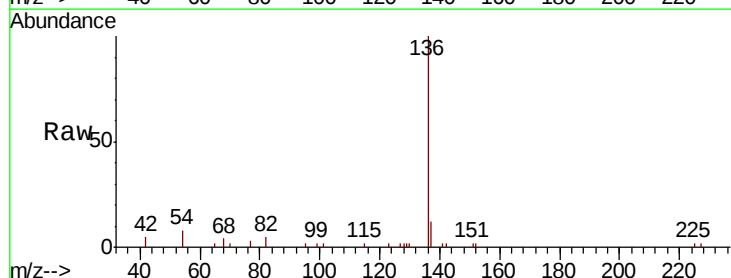
Delta R.T. -0.00 min

Lab File: BN011803.D

Acq: 15 Sep 2020 16:53

Tgt Ion: 136 Resp: 4706

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.5	14.3
54	7.7	5.6	8.4
68	4.5	3.2	4.8



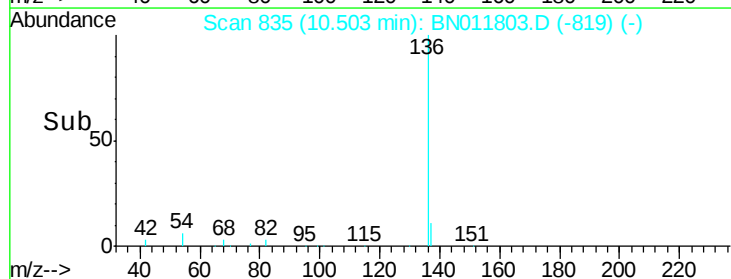
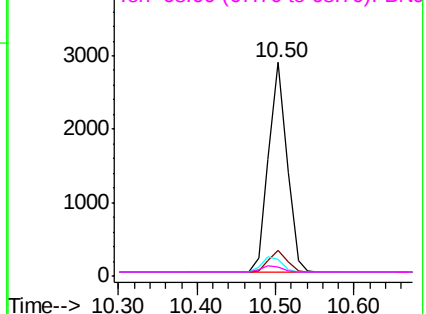
Abundance

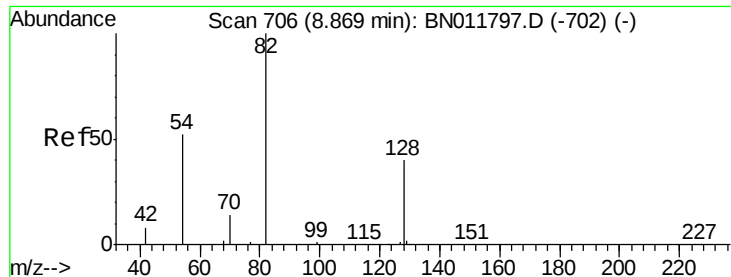
Ion 136.00 (135.70 to 136.70): BN011797.D (-827) (-)

Ion 137.00 (136.70 to 137.70): BN011797.D (-827) (-)

Ion 54.00 (53.70 to 54.70): BN011797.D (-827) (-)

Ion 68.00 (67.70 to 68.70): BN011797.D (-827) (-)

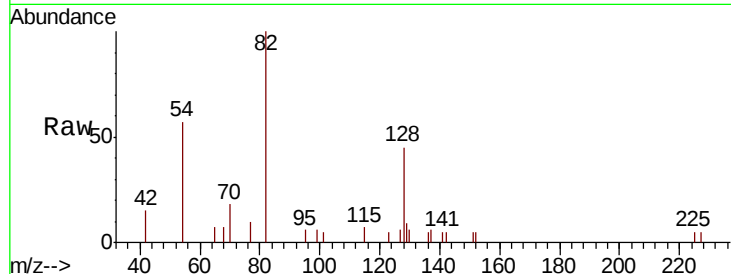




#8
 Nitrobenzene-d5
 Concen: 0.291 ng
 RT: 8.87 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: BN011803.D
 Acq: 15 Sep 2020 16:53

Instrument :
 BNA_N
 ClientSampleId :
 PB131586BL

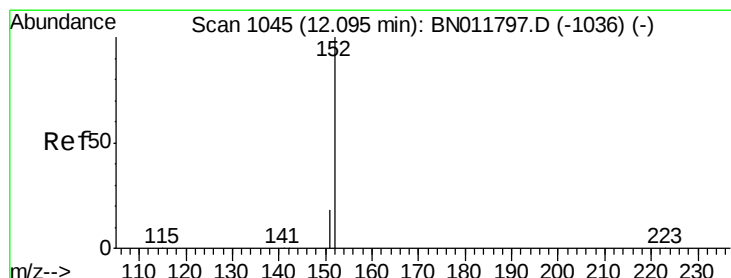
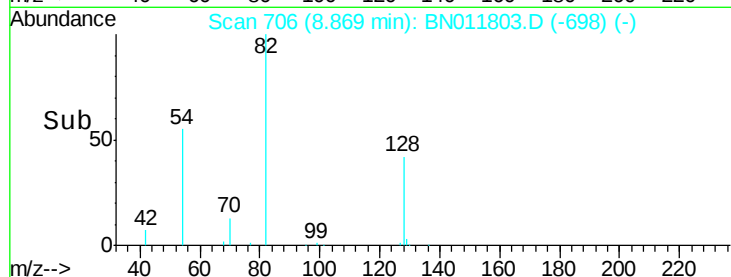
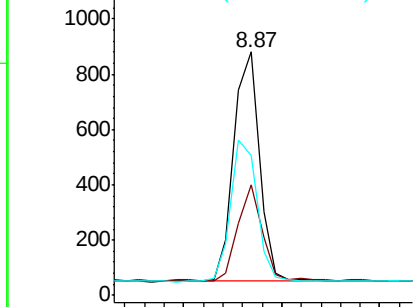
Tot Ion	82	Resp	1509
Ion Ratio	Lower	Upper	
82	100		
128	45.4	34.2	51.2
54	57.4	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): BN011797.D (-702) (-)

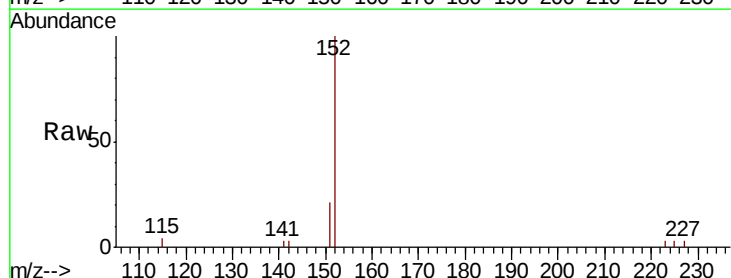
Ion 128.00 (127.70 to 128.70): BN011797.D (-702) (-)

Ion 54.00 (53.70 to 54.70): BN011797.D (-702) (-)



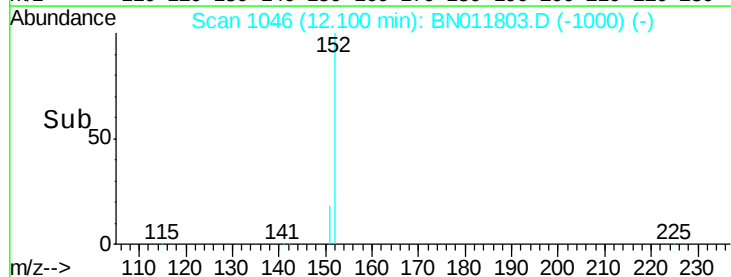
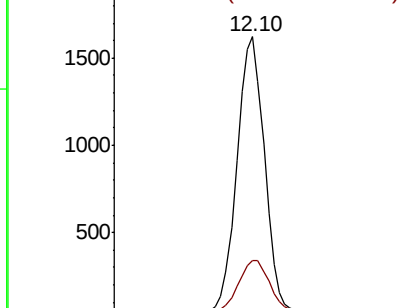
#11
 2-Methylnaphthalene-d10
 Concen: 0.282 ng
 RT: 12.10 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BN011803.D
 Acq: 15 Sep 2020 16:53

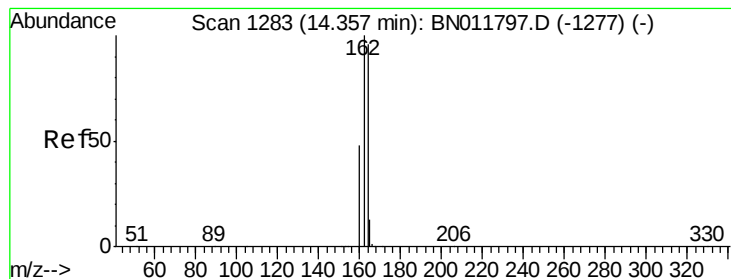
Tgt Ion	152	Resp	2499
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.7	25.1



Abundance Ion 152.00 (151.70 to 152.70): BN011797.D (-1036) (-)

Ion 151.00 (150.70 to 151.70): BN011797.D (-1036) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.36 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BN011803.D

Acq: 15 Sep 2020 16:53

Instrument :

BNA_N

ClientSampleId :

PB131586BL

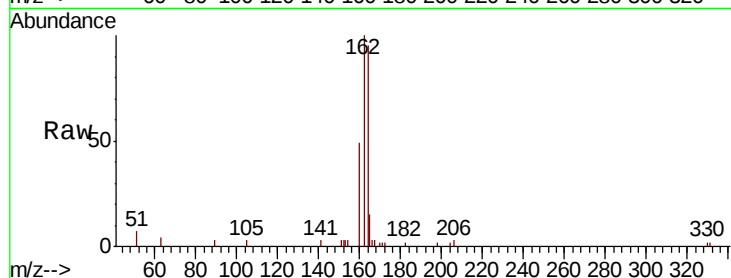
Tot Ion:164 Resp: 2754

Ion Ratio Lower Upper

164 100

162 104.9 83.6 125.4

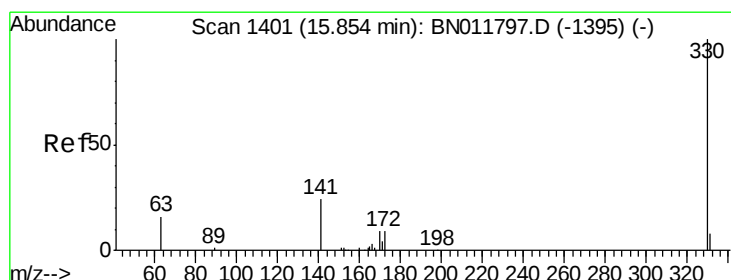
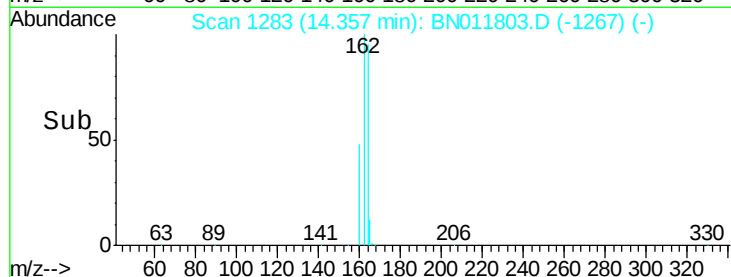
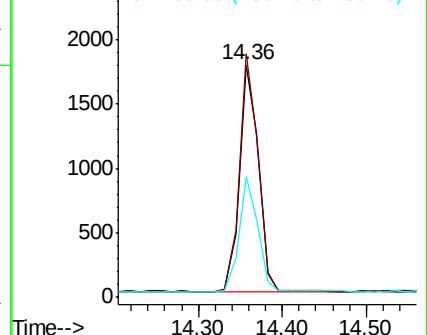
160 51.9 41.2 61.8



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: 0.418 ng

RT: 15.85 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BN011803.D

Acq: 15 Sep 2020 16:53

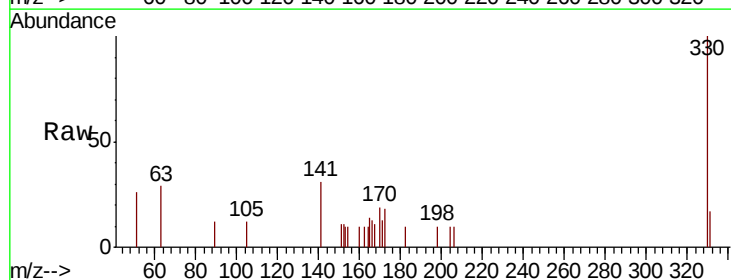
Tgt Ion:330 Resp: 630

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

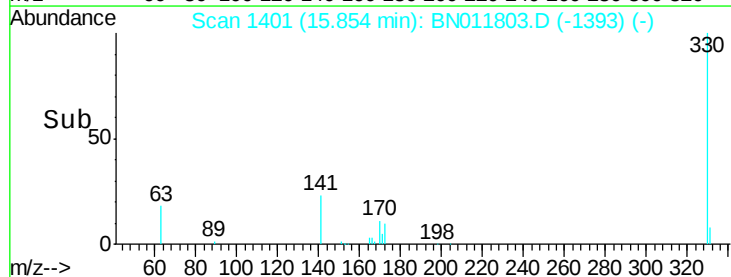
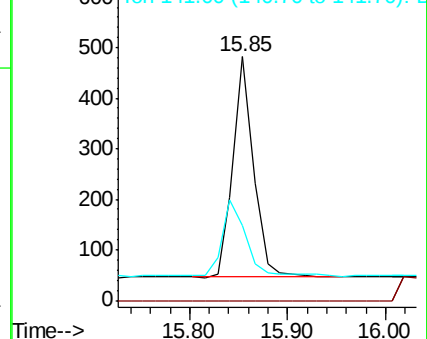
141 40.3 33.7 50.5

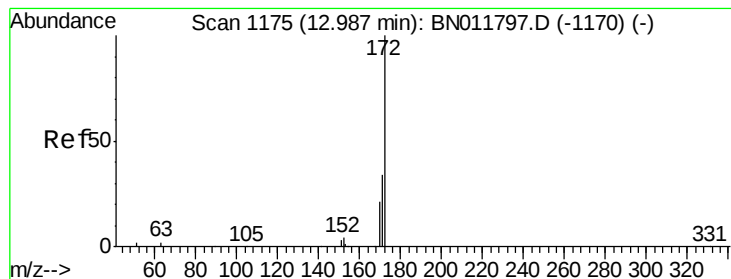


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.342 ng

RT: 12.99 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BN011803.D

Acq: 15 Sep 2020 16:53

Instrument :

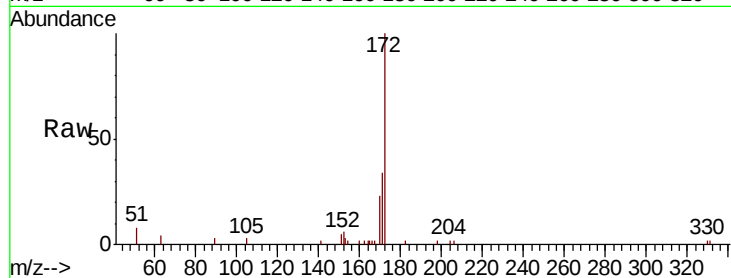
BNA_N

ClientSampleId :

PB131586BL

Tot Ion:172 Resp: 4217

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.4	41.2
170	23.5	17.8	26.6

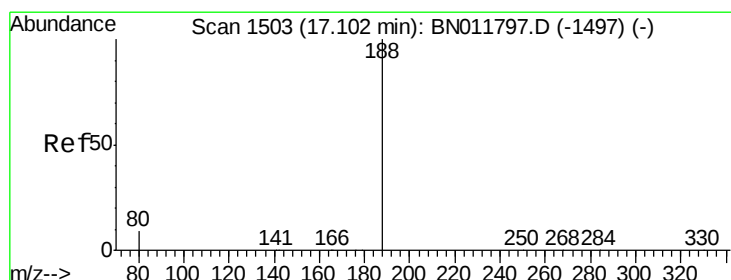
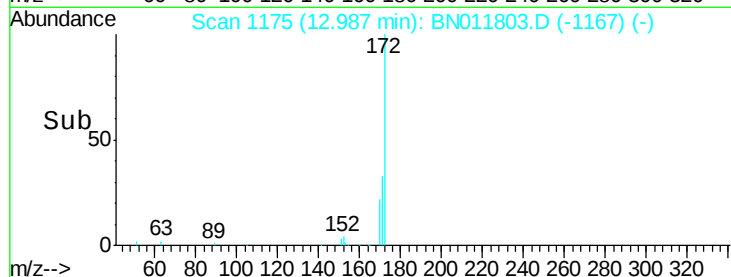
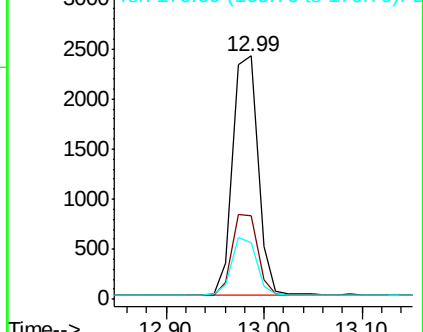


Abundance

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



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.11 min Scan# 1504

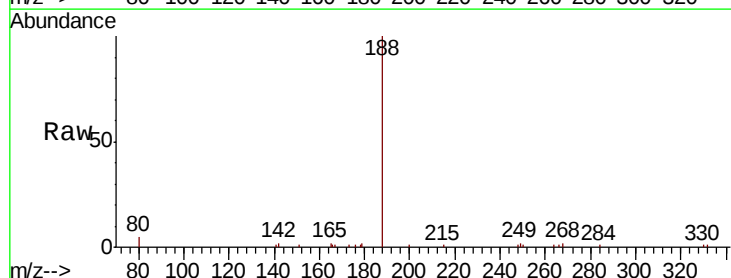
Delta R.T. 0.01 min

Lab File: BN011803.D

Acq: 15 Sep 2020 16:53

Tgt Ion:188 Resp: 6355

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.2	7.7	11.5

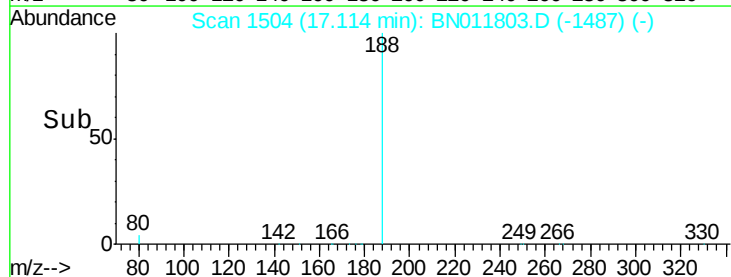
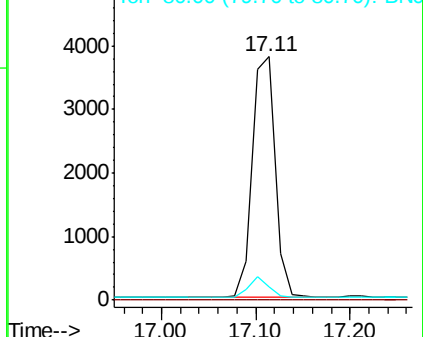


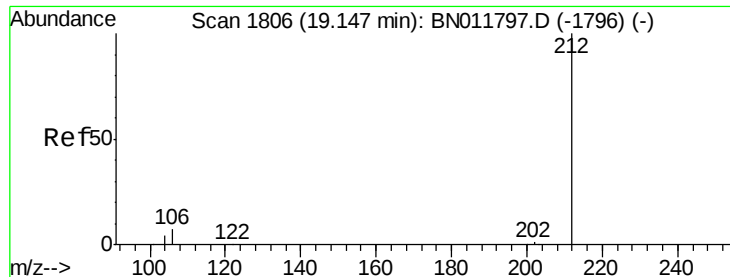
Abundance

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





#27

Fluoranthene-d10

Concen: 0.300 ng

RT: 19.15 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BN011803.D

Acq: 15 Sep 2020 16:53

Instrument :

BNA_N

ClientSampleId :

PB131586BL

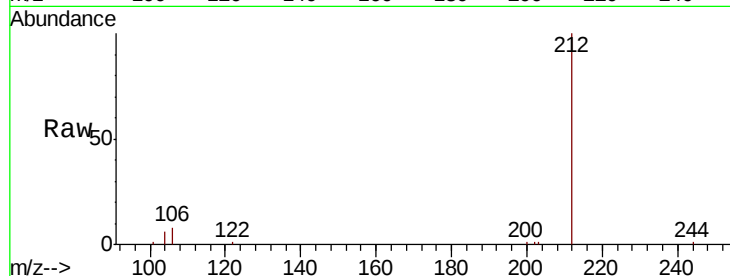
Tot Ion:212 Resp: 6219

Ion Ratio Lower Upper

212 100

106 8.0 6.4 9.6

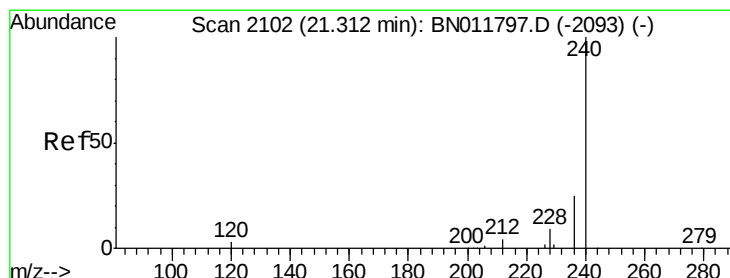
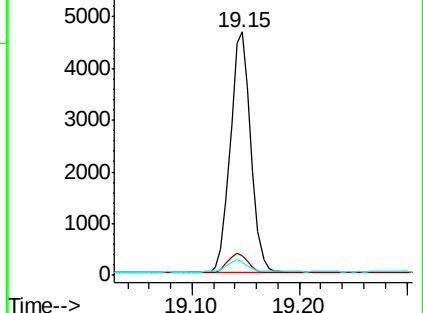
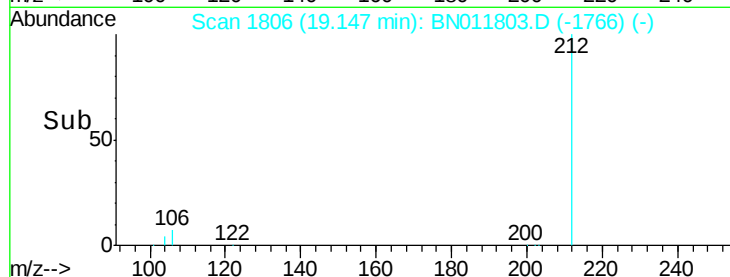
104 4.8 3.9 5.9



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: 21.31 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BN011803.D

Acq: 15 Sep 2020 16:53

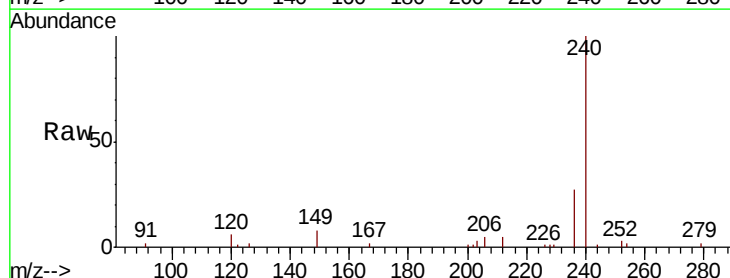
Tgt Ion:240 Resp: 7061

Ion Ratio Lower Upper

240 100

120 5.9 3.5 5.3#

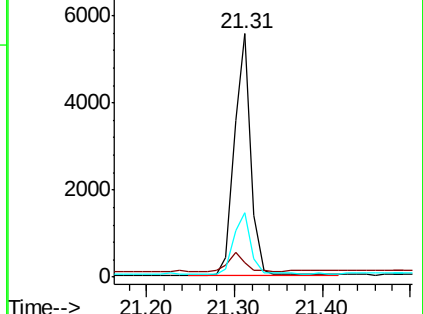
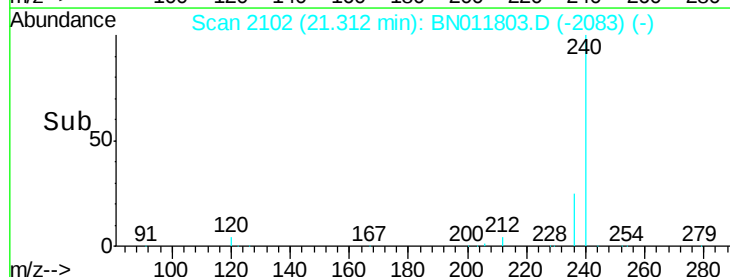
236 26.5 20.5 30.7

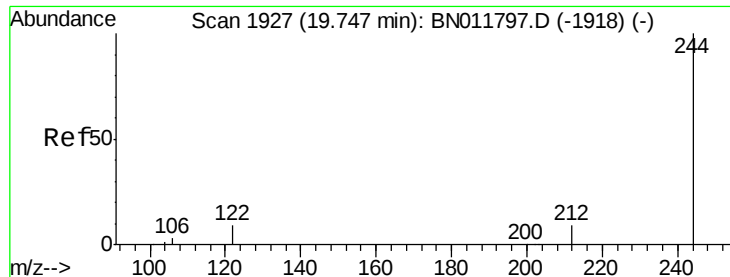


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#31

Terphenyl-d14

Concen: 0.337 ng

RT: 19.75 min Scan# 1928

Delta R.T. 0.01 min

Lab File: BN011803.D

Acq: 15 Sep 2020 16:53

Instrument :

BNA_N

ClientSampleId :

PB131586BL

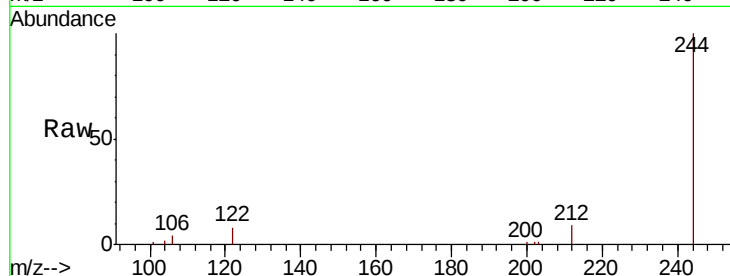
Tot Ion:244 Resp: 7377

Ion Ratio Lower Upper

244 100

212 8.8 7.3 10.9

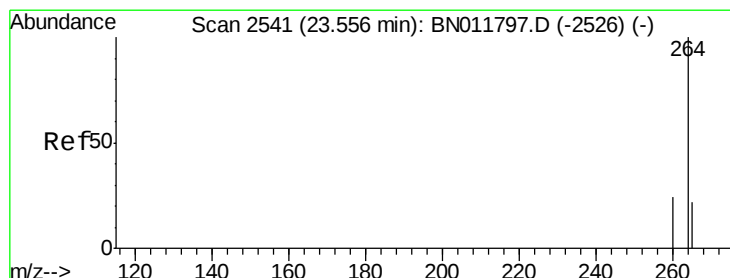
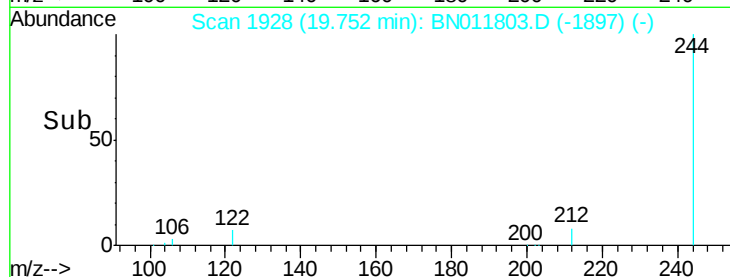
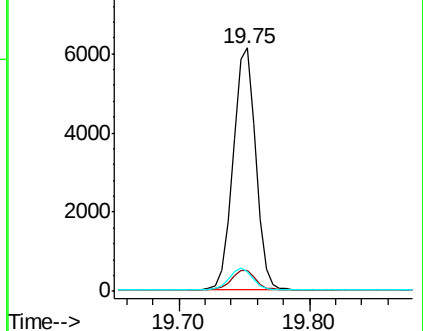
122 8.2 7.8 11.6



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



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.56 min Scan# 2543

Delta R.T. 0.01 min

Lab File: BN011803.D

Acq: 15 Sep 2020 16:53

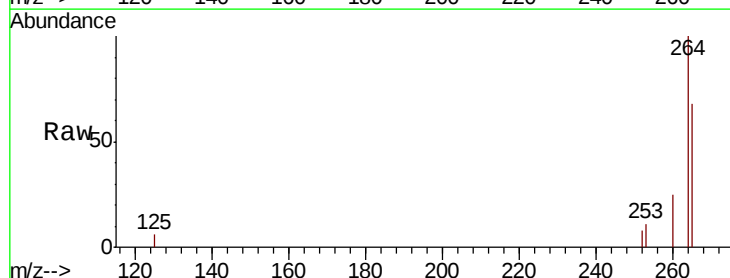
Tgt Ion:264 Resp: 7545

Ion Ratio Lower Upper

264 100

260 25.1 19.6 29.4

265 67.7 38.6 58.0#



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

