

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
 Data File : BN010199.D
 Acq On : 11 Mar 2020 19:23
 Operator : CG/JU
 Sample : L1842-22DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 12 07:15:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 11 17:37:44 2020
 Response via : Initial Calibration

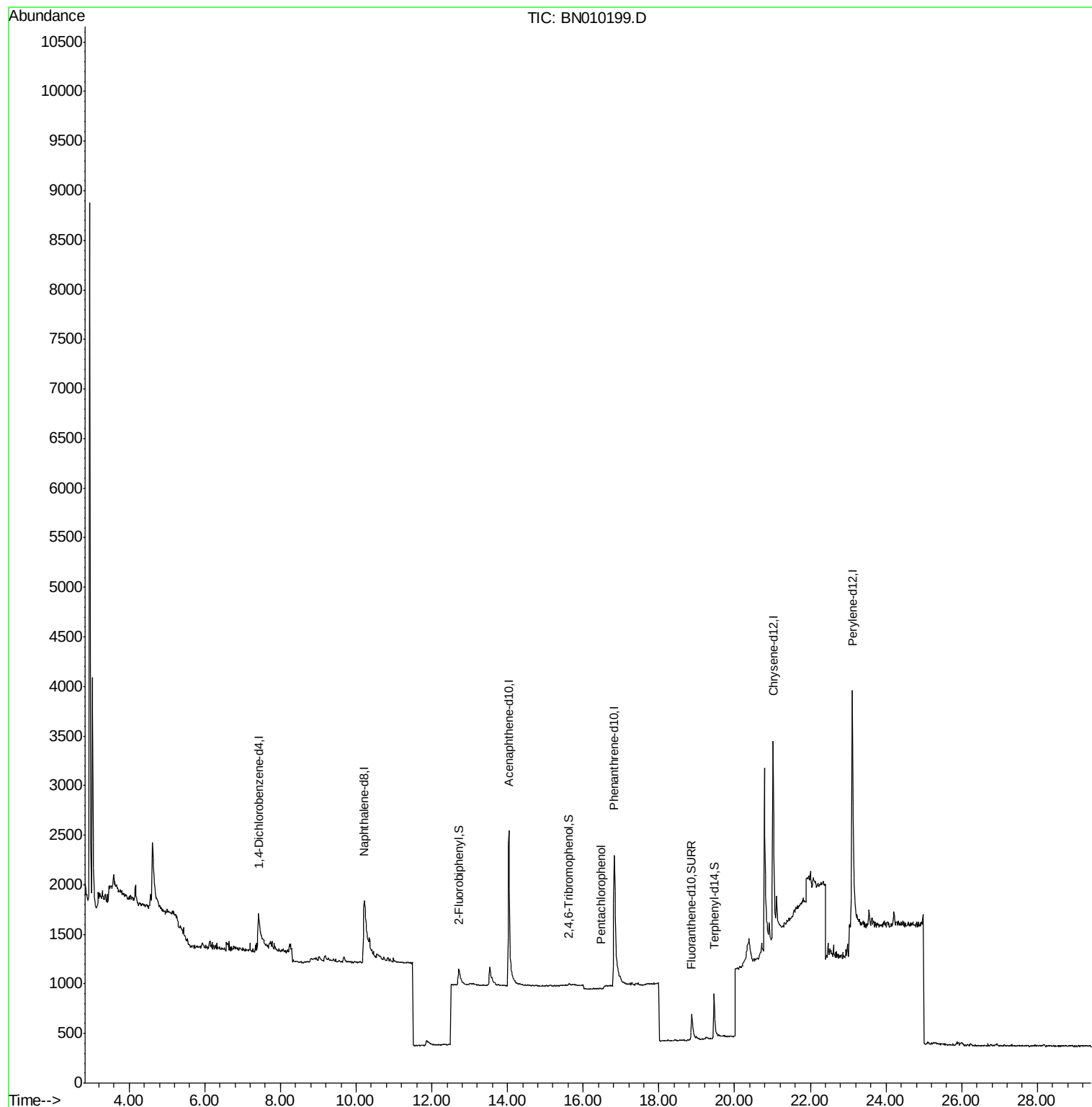
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	679	0.40	ng	0.06
7) Naphthalene-d8	10.21	136	2590	0.40	ng	0.10
13) Acenaphthene-d10	14.03	164	1764	0.40	ng	0.03
19) Phenanthrene-d10	16.82	188	4703	0.40	ng	0.04
27) Chrysene-d12	21.02	240	3791	0.40	ng	0.02
34) Perylene-d12	23.11	264	4824	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	14	0.01	ng	0.07
5) Phenol-d6	6.63	99	2	0.00	ng	0.02
8) Nitrobenzene-d5	8.63	82	4	0.00	ng	0.08
11) 2-Methylnaphthalene-d10	11.87	152	78	0.02	ng	0.14
14) 2,4,6-Tribromophenol	15.62	330	37	0.05	ng	0.08
15) 2-Fluorobiphenyl	12.71	172	316	0.05	ng	0.08
25) Fluoranthene-d10	18.86	212	747	0.05	ng	0.04
29) Terphenyl-d14	19.46	244	818	0.09	ng	0.02
Target Compounds						
22) Pentachlorophenol	16.48	266	5	0.184	ng	Qvalue # 74

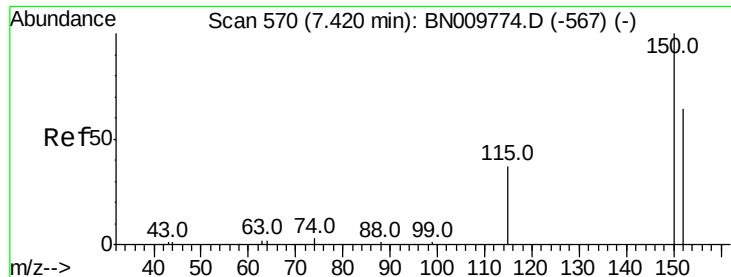
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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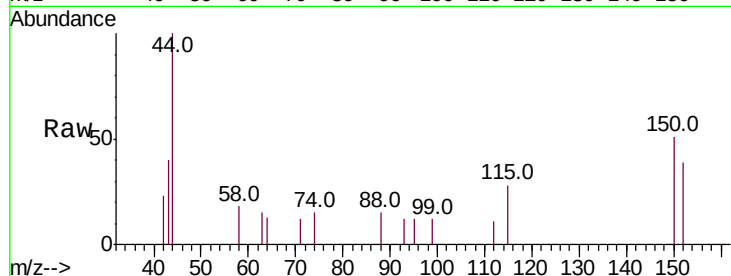


#1

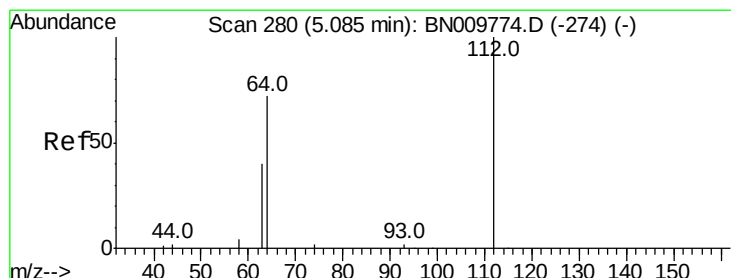
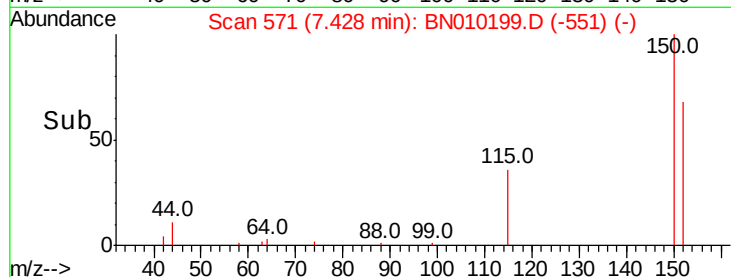
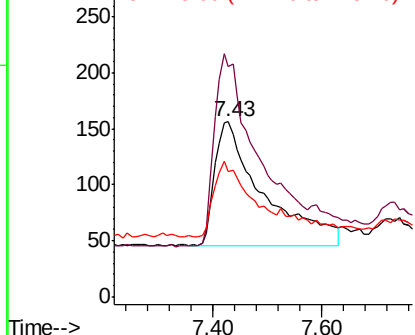
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 571
Delta R.T. 0.06 min
Lab File: BN010199.D
Acq: 11 Mar 2020 19:23

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 679
Ion Ratio Lower Upper
152 100
150 132.1 120.6 181.0
115 71.8 51.2 76.8



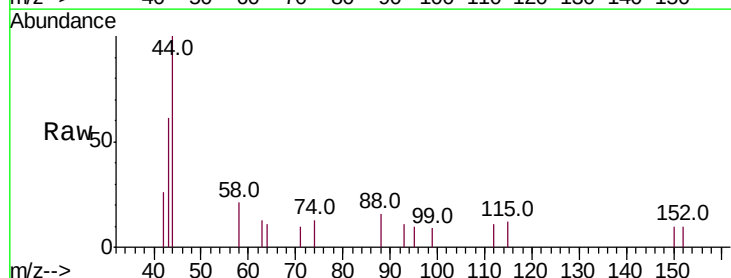
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



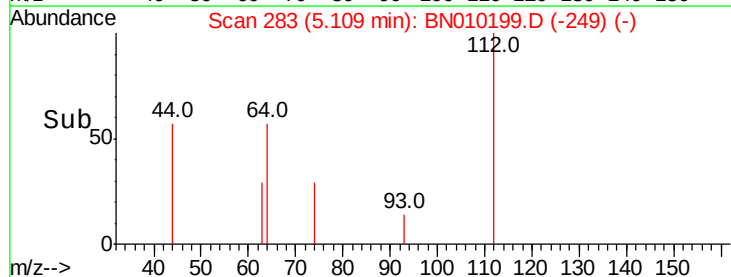
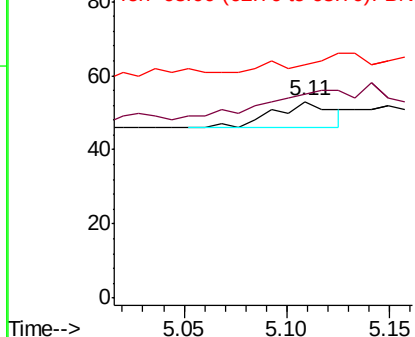
#4

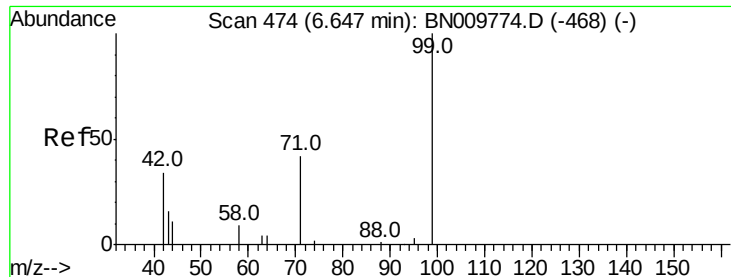
2-Fluorophenol
Concen: 0.009 ng
RT: 5.11 min Scan# 283
Delta R.T. 0.07 min
Lab File: BN010199.D
Acq: 11 Mar 2020 19:23

Tgt Ion:112 Resp: 14
Ion Ratio Lower Upper
112 100
64 178.6 65.8 98.6#
63 42.9 38.7 58.1



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: 0.001 ng

RT: 6.63 min Scan# 472

Delta R.T. 0.02 min

Lab File: BN010199.D

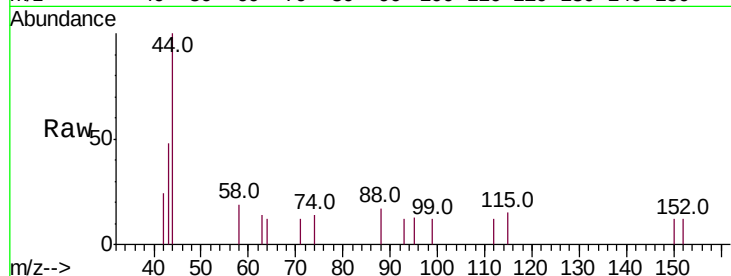
Acq: 11 Mar 2020 19:23

Instrument :

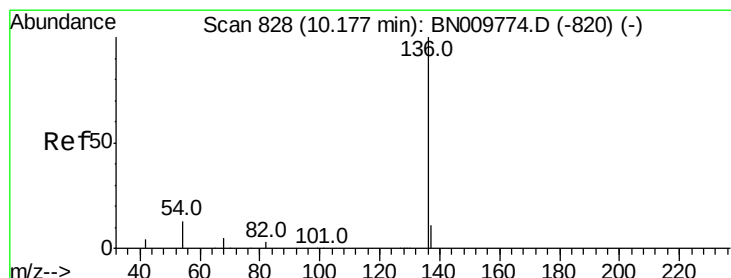
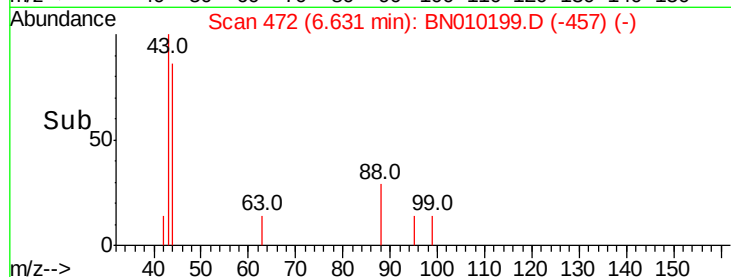
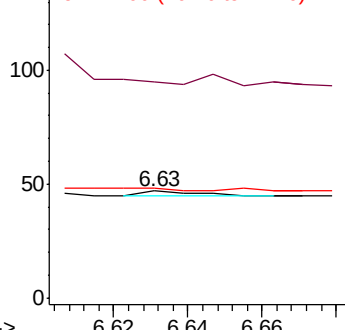
BNA_N

ClientSampleId :

Tot Ion:	99	Resp:	2
Ion	Ratio	Lower	Upper
99	100		
42	0.0	30.8	46.2#
71	0.0	34.9	52.3#



Abundance Ion 99.00 (98.70 to 99.70): BN009774.D (-468) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

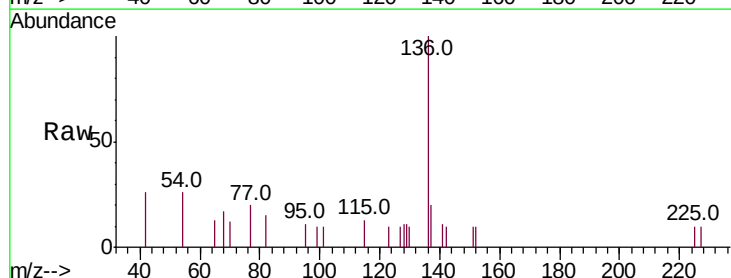
RT: 10.21 min Scan# 831

Delta R.T. 0.10 min

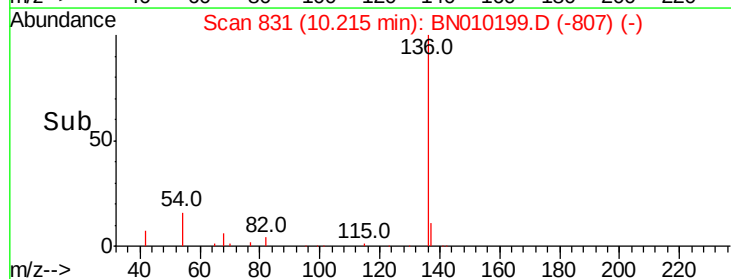
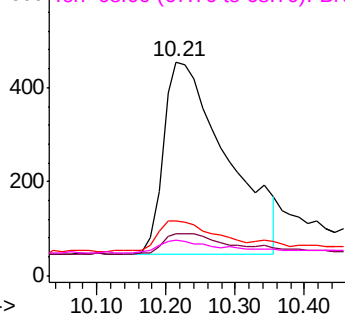
Lab File: BN010199.D

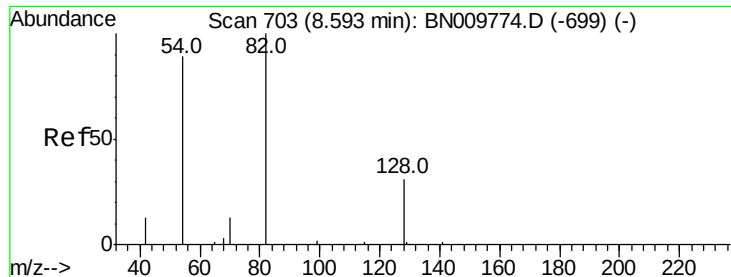
Acq: 11 Mar 2020 19:23

Tgt Ion:	136	Resp:	2590
Ion	Ratio	Lower	Upper
136	100		
137	19.8	11.3	16.9#
54	25.6	13.4	20.2#
68	16.5	7.0	10.4#



Abundance Ion 136.00 (135.70 to 136.70): BN009774.D (-820) (-)





#8

Nitrobenzene-d5

Concen: 0.002 ng

RT: 8.63 min Scan# 706

Delta R.T. 0.08 min

Lab File: BN010199.D

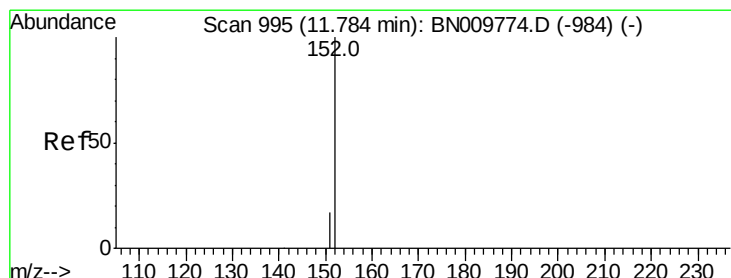
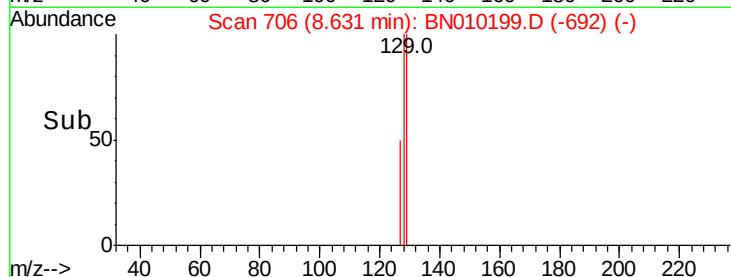
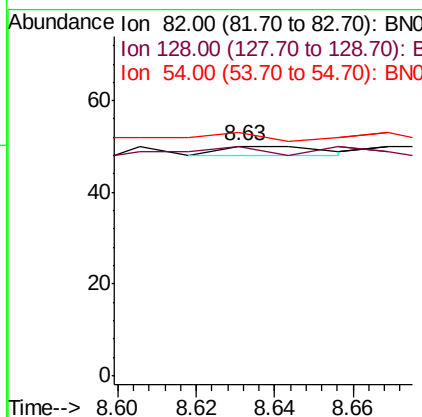
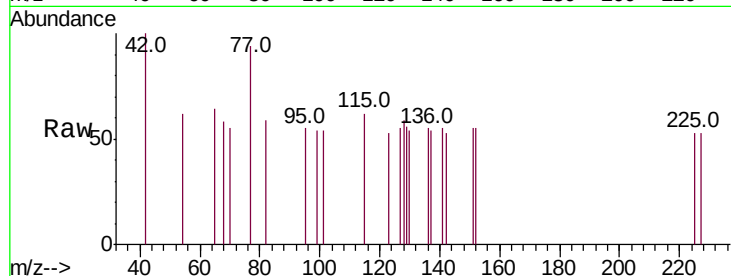
Acq: 11 Mar 2020 19:23

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	82	Resp:	4
Ion	Ratio	Lower	Upper
82	100		
128	100.0	32.5	48.7#
54	106.0	73.5	110.3



#11

2-Methylnaphthalene-d10

Concen: 0.016 ng

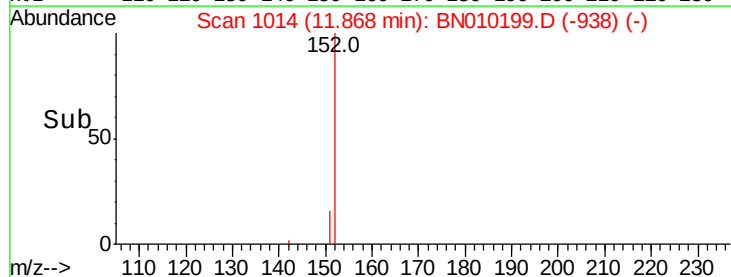
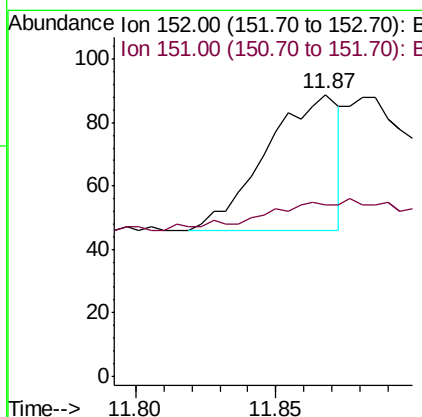
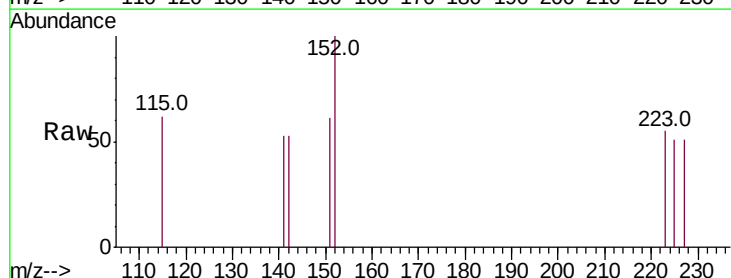
RT: 11.87 min Scan# 1014

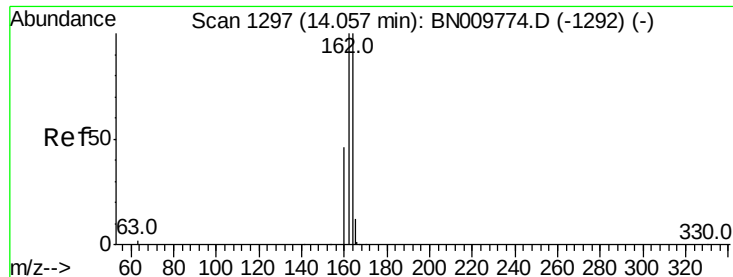
Delta R.T. 0.14 min

Lab File: BN010199.D

Acq: 11 Mar 2020 19:23

Tgt Ion:	152	Resp:	78
Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.1	22.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1295

Delta R.T. 0.03 min

Lab File: BN010199.D

Acq: 11 Mar 2020 19:23

Instrument :

BNA_N

ClientSampleId :

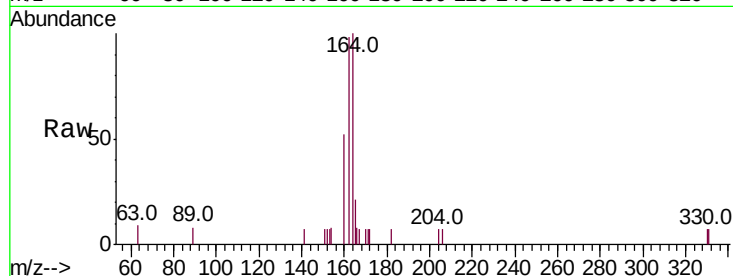
Tot Ion:164 Resp: 1764

Ion Ratio Lower Upper

164 100

162 98.4 79.9 119.9

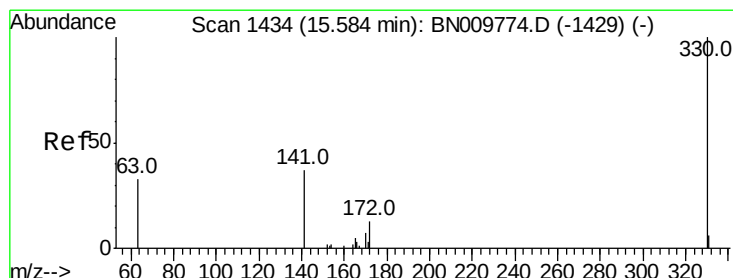
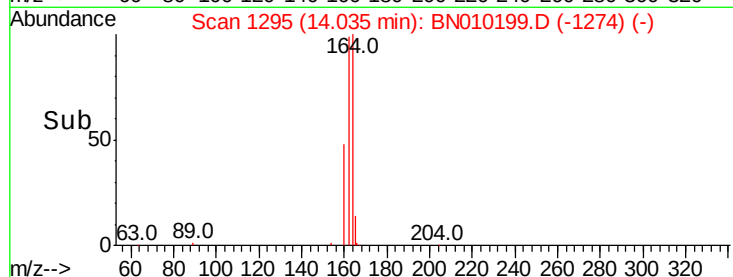
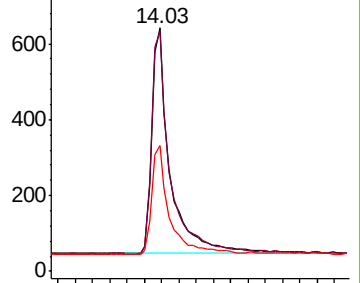
160 51.7 38.2 57.2



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: 0.054 ng

RT: 15.62 min Scan# 1437

Delta R.T. 0.08 min

Lab File: BN010199.D

Acq: 11 Mar 2020 19:23

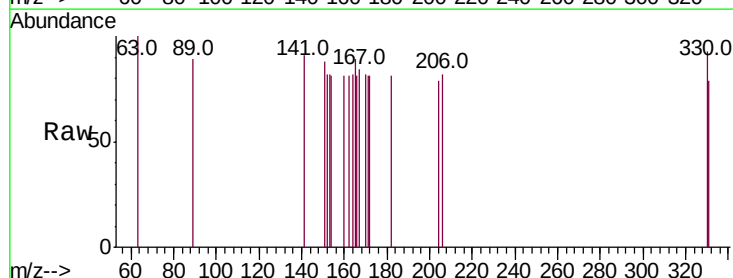
Tgt Ion:330 Resp: 37

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

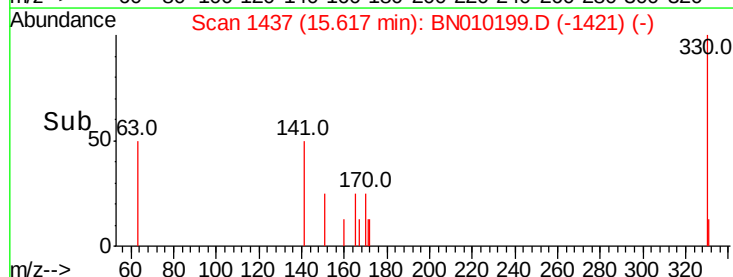
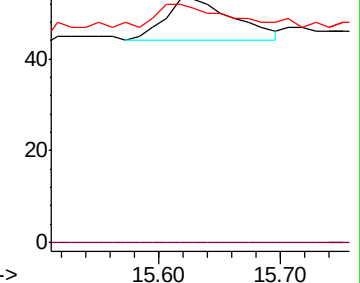
141 51.4 36.8 55.2

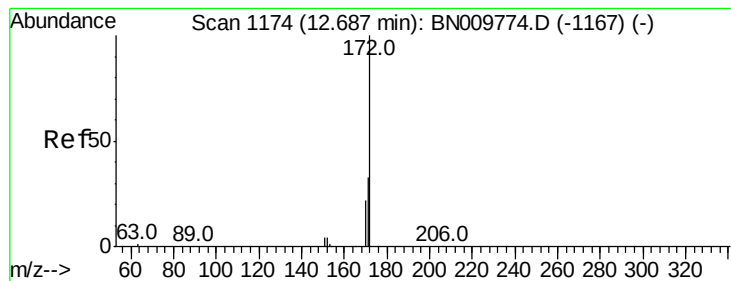


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

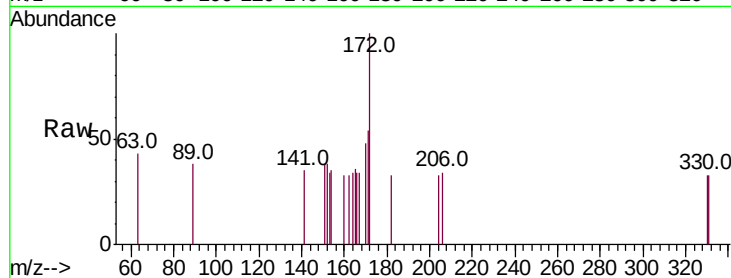




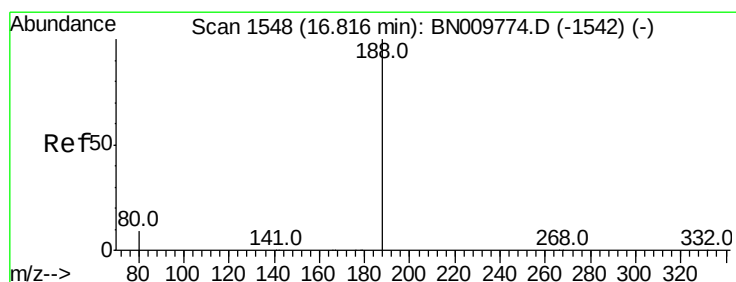
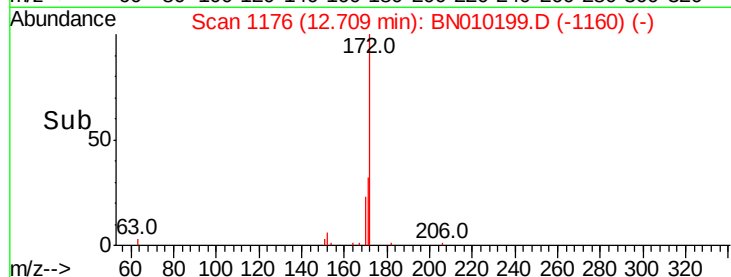
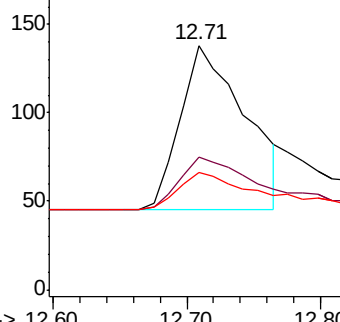
#15
2-Fluorobiphenyl
Concen: 0.047 ng
RT: 12.71 min Scan# 1176
Delta R.T. 0.08 min
Lab File: BN010199.D
Acq: 11 Mar 2020 19:23

Instrument :
BNA_N
ClientSampleId :

Tot Ion:172 Resp: 316
Ion Ratio Lower Upper
172 100
171 54.3 28.7 43.1#
170 47.8 20.1 30.1#

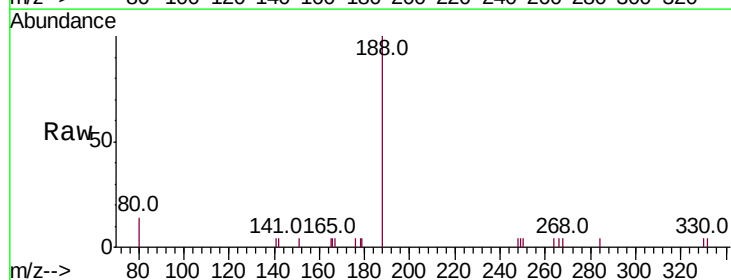


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

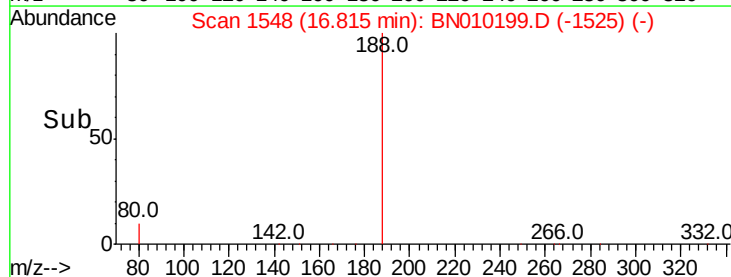
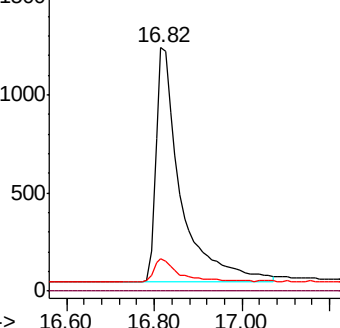


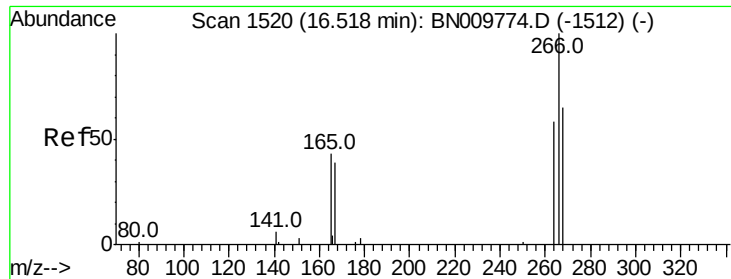
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1548
Delta R.T. 0.04 min
Lab File: BN010199.D
Acq: 11 Mar 2020 19:23

Tgt Ion:188 Resp: 4703
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.5 8.3 12.5#



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





#22

Pentachlorophenol

Concen: 0.184 ng

RT: 16.48 min Scan# 1516

Delta R.T. 0.01 min

Lab File: BN010199.D

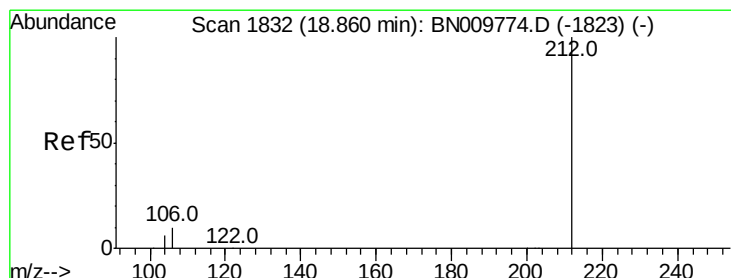
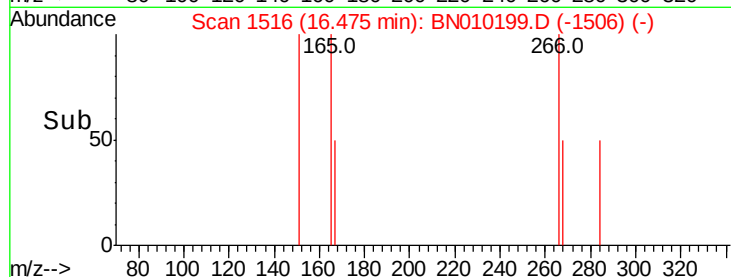
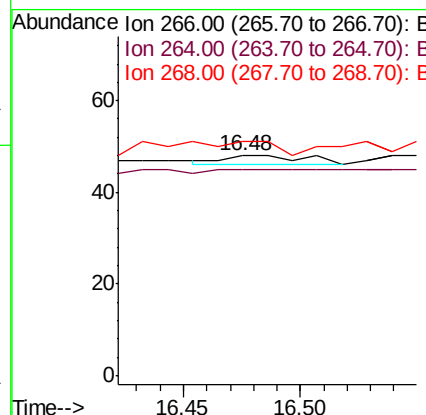
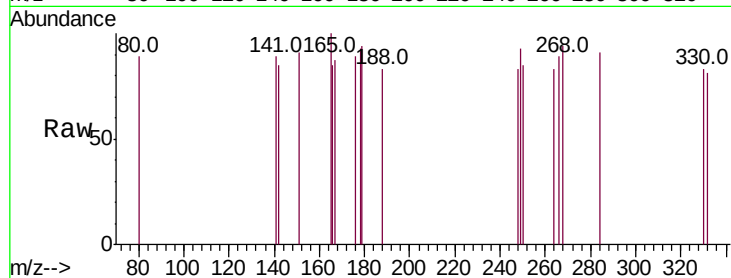
Acq: 11 Mar 2020 19:23

Instrument :

BNA_N

ClientSampleId :

Tot Ion:	266	Resp:	5
Ion	Ratio	Lower	Upper
266	100		
264	93.8	58.1	87.1#
268	106.3	65.7	98.5#



#25

Fluoranthene-d10

Concen: 0.046 ng

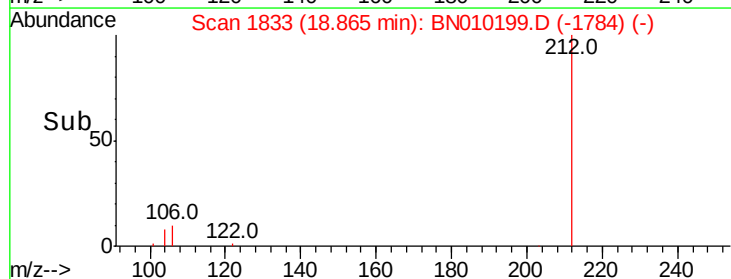
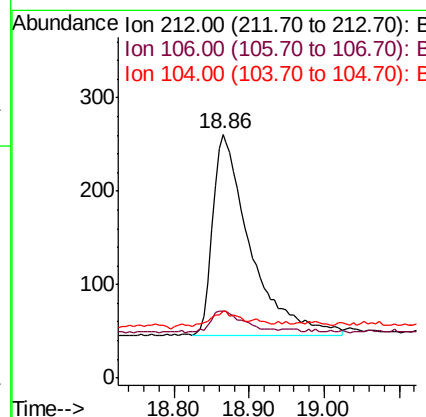
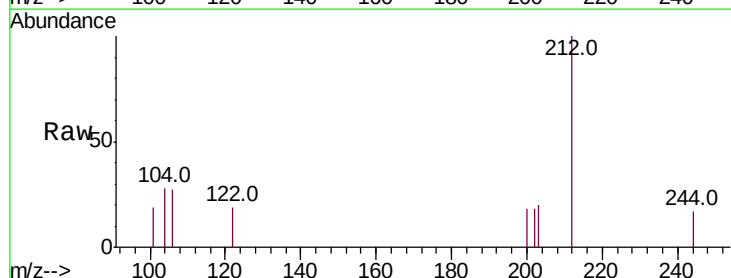
RT: 18.86 min Scan# 1833

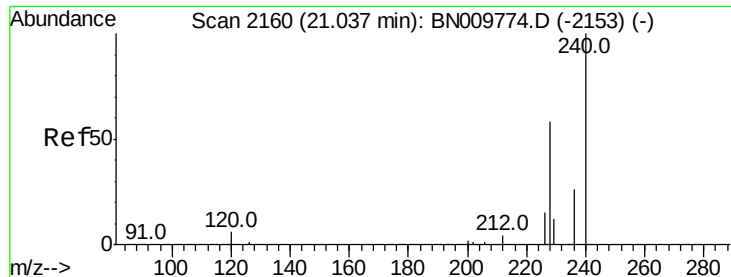
Delta R.T. 0.04 min

Lab File: BN010199.D

Acq: 11 Mar 2020 19:23

Tgt Ion:	212	Resp:	747
Ion	Ratio	Lower	Upper
212	100		
106	8.7	8.4	12.6
104	5.6	4.8	7.2





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.02 min Scan# 2158

Delta R.T. 0.02 min

Lab File: BN010199.D

Acq: 11 Mar 2020 19:23

Instrument :

BNA_N

ClientSampleId :

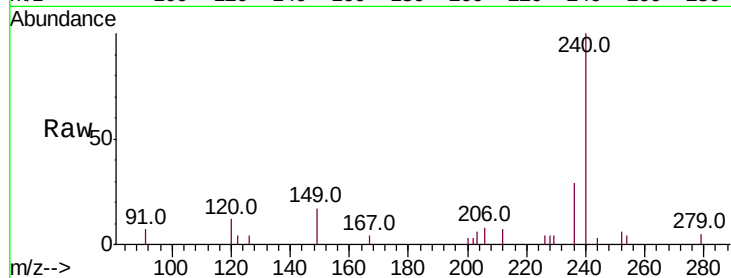
Tot Ion:240 Resp: 3791

Ion Ratio Lower Upper

240 100

120 12.0 7.9 11.9#

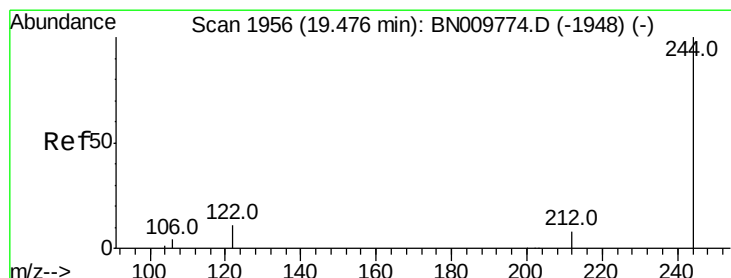
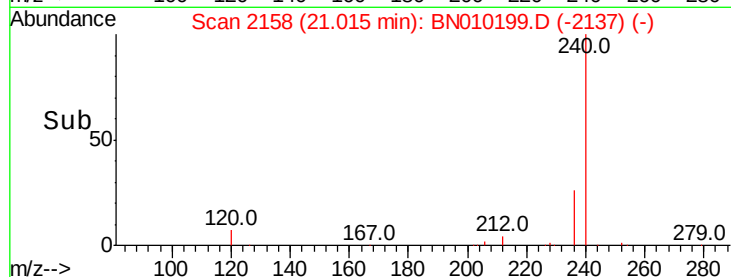
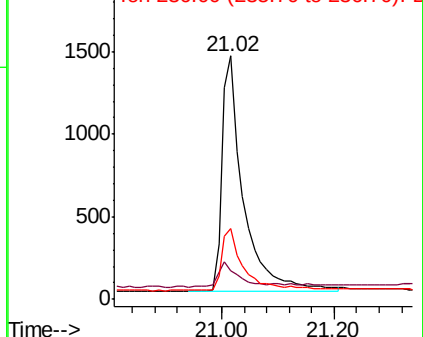
236 29.2 22.0 33.0



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: 0.090 ng

RT: 19.46 min Scan# 1952

Delta R.T. 0.02 min

Lab File: BN010199.D

Acq: 11 Mar 2020 19:23

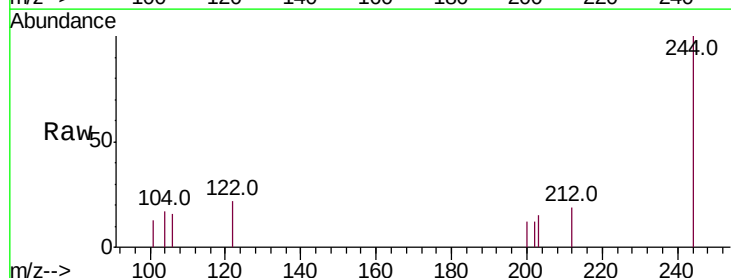
Tgt Ion:244 Resp: 818

Ion Ratio Lower Upper

244 100

212 19.4 8.0 12.0#

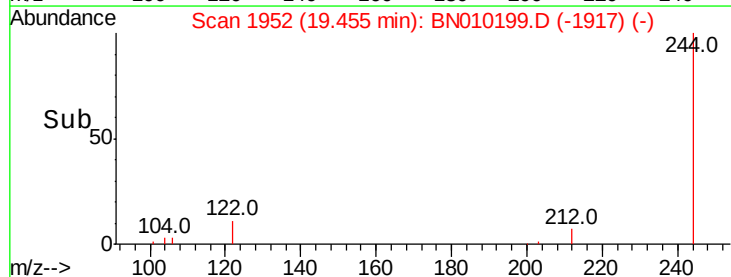
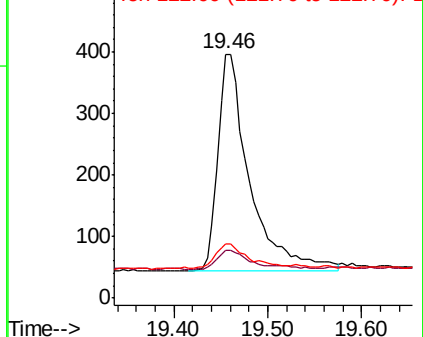
122 22.2 10.0 15.0#

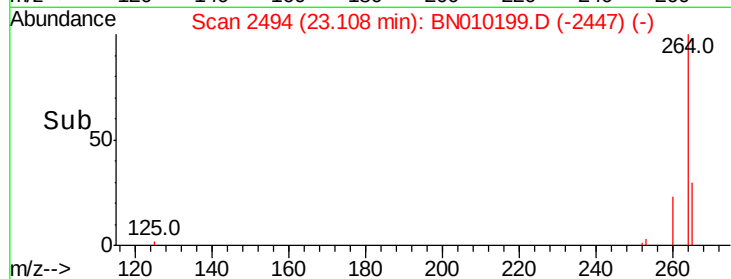
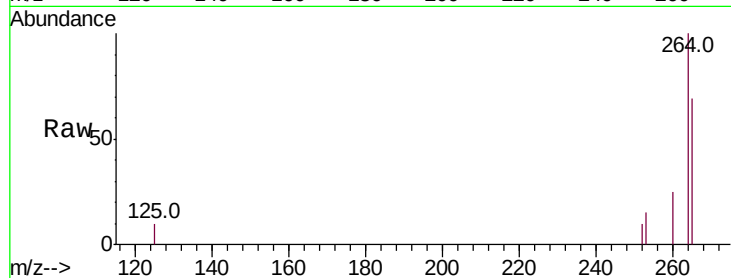
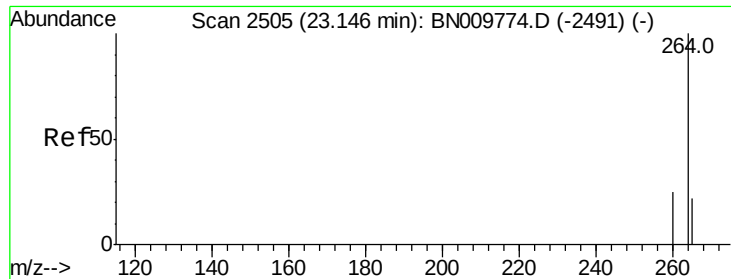


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.11 min Scan# 2494

Delta R.T. 0.01 min

Lab File: BN010199.D

Acq: 11 Mar 2020 19:23

Instrument :

BNA_N

ClientSampleId :

Tot Ion:264 Resp: 4824

Ion Ratio Lower Upper

264 100

260 25.1 21.1 31.7

265 69.4 57.5 86.3

