

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
 Data File : BN010198.D
 Acq On : 11 Mar 2020 18:47
 Operator : CG/JU
 Sample : L1842-18DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D3-20200305DL

Manual Integrations
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Quant Time: Mar 12 07:42:53 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	7.39	152	770	0.40	ng	0.02
7) Naphthalene-d8	10.18	136	3515m	0.40	ng	0.06
13) Acenaphthene-d10	14.01	164	1640	0.40	ng	0.01
19) Phenanthrene-d10	16.80	188	3445	0.40	ng	0.03
27) Chrysene-d12	21.00	240	3748	0.40	ng	0.01
34) Perylene-d12	23.10	264	4822	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	174m	0.10	ng	0.07
5) Phenol-d6	6.63	99	107	0.05	ng	0.02
8) Nitrobenzene-d5	8.69	82	446m	0.15	ng	0.14
11) 2-Methylnaphthalene-d10	11.80	152	694	0.10	ng	0.07
14) 2,4,6-Tribromophenol	15.60	330	82	0.13	ng	0.06
15) 2-Fluorobiphenyl	12.66	172	1317m	0.21	ng	0.03
25) Fluoranthene-d10	18.84	212	1804	0.15	ng	0.02
29) Terphenyl-d14	19.43	244	1684	0.19	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.03	88	2172	2.754	ng	Qvalue 97

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

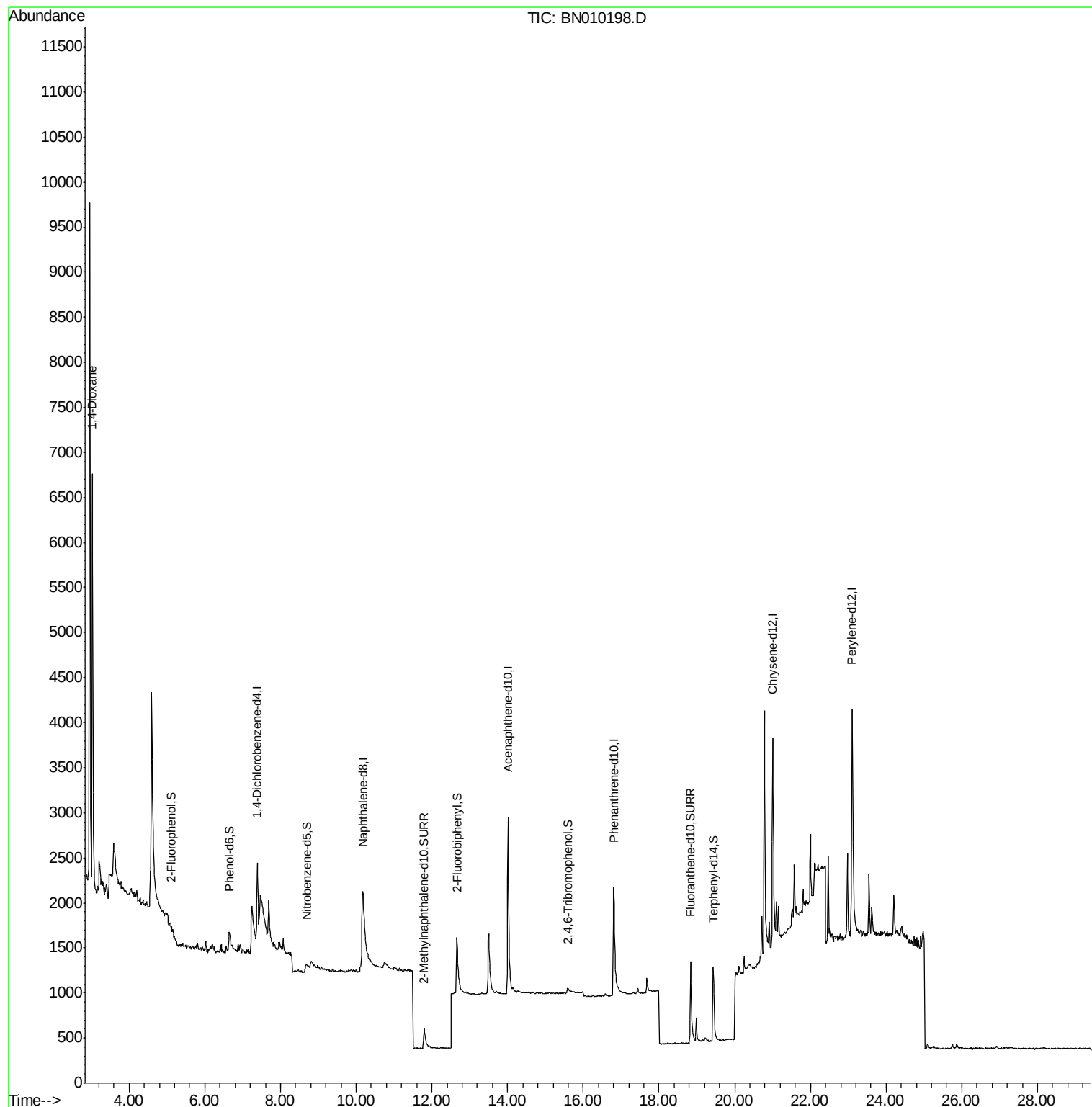
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
Data File : BN010198.D
Acq On : 11 Mar 2020 18:47
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#1

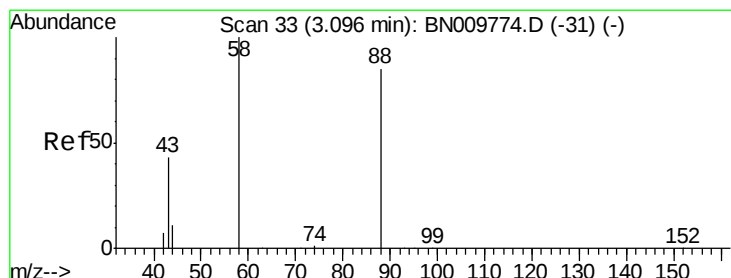
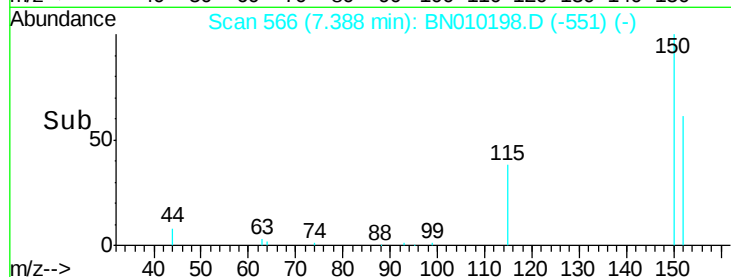
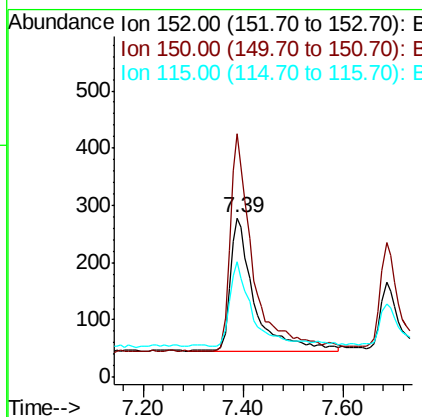
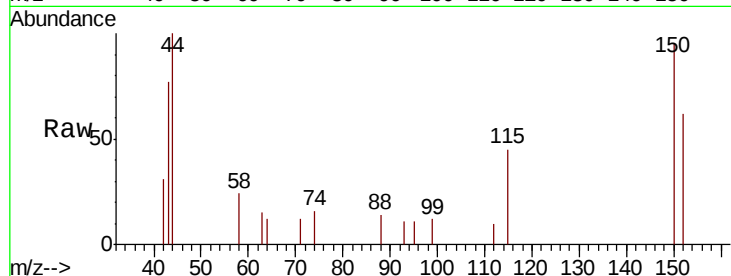
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. 0.02 min
Lab File: BN010198.D
Acq: 11 Mar 2020 18:47

Instrument :
BNA_N
ClientSampleId :
RE132D3-20200305DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	120.6	181.0
115	72.3	51.2	76.8

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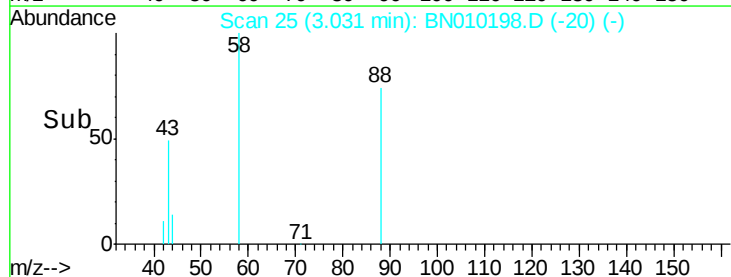
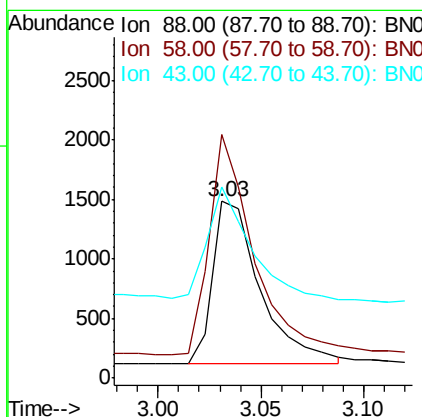
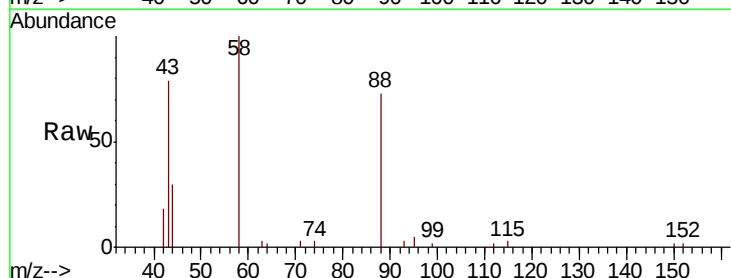
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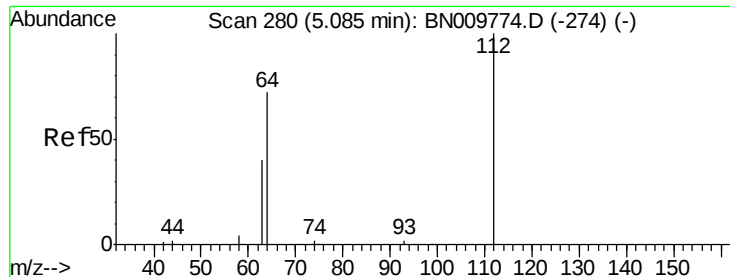


#2

1,4-Dioxane
Concen: 2.754 ng
RT: 3.03 min Scan# 25
Delta R.T. -0.01 min
Lab File: BN010198.D
Acq: 11 Mar 2020 18:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	123.9	97.8	146.8
43	61.9	45.1	67.7





#4

2-Fluorophenol

Concen: 0.102 ng/ml

RT: 5.11 min Scan# 283

Delta R.T. 0.07 min

Lab File: BN010198.D

Acq: 11 Mar 2020 18:47

Instrument :

BNA_N

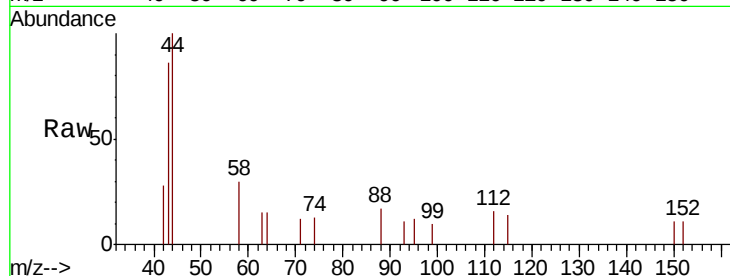
ClientSampleId :

RE132D3-20200305DL

Tot Ion:	112	Resp:	174
Ion Ratio	Lower	Upper	
112	100		
64	0.0	65.8	98.6#
63	0.0	38.7	58.1#

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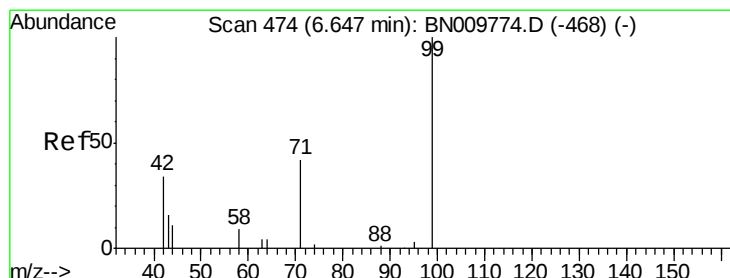
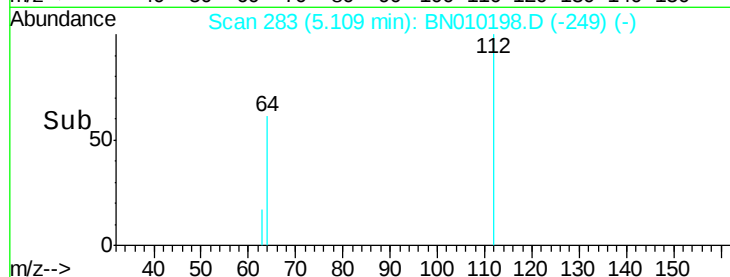
Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B

5.11

Time-->



#5

Phenol-d6

Concen: 0.051 ng/ml

RT: 6.63 min Scan# 472

Delta R.T. 0.02 min

Lab File: BN010198.D

Acq: 11 Mar 2020 18:47

Tgt Ion:	99	Resp:	107
Ion Ratio	Lower	Upper	
99	100		
42	0.0	30.8	46.2#
71	28.0	34.9	52.3#

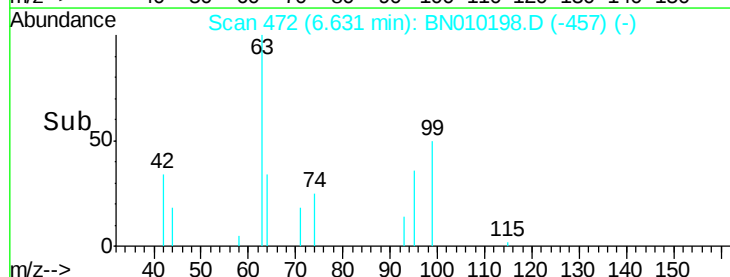
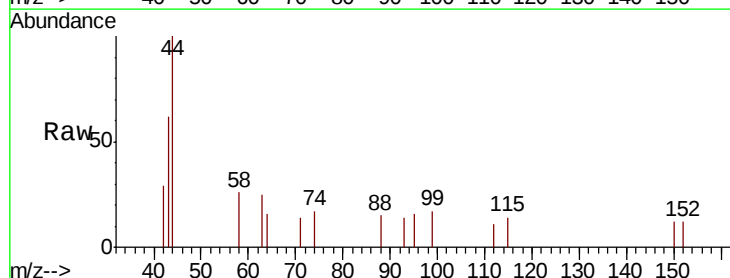
Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B

6.63

Time-->





#7

Naphthalene-d8

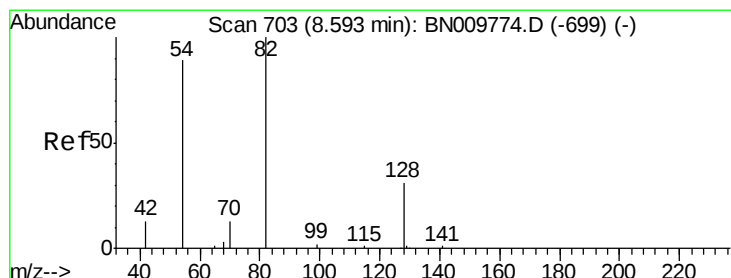
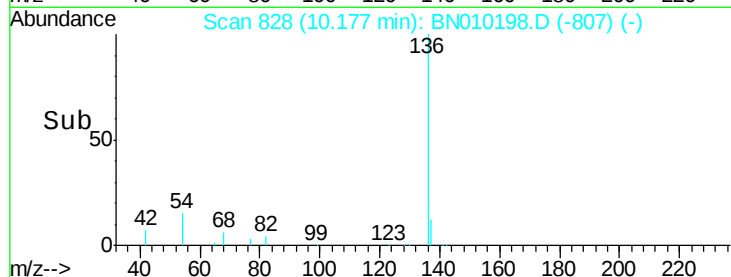
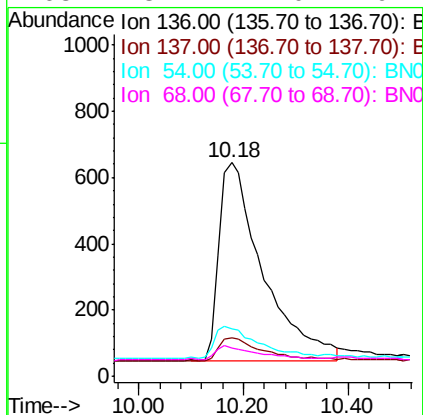
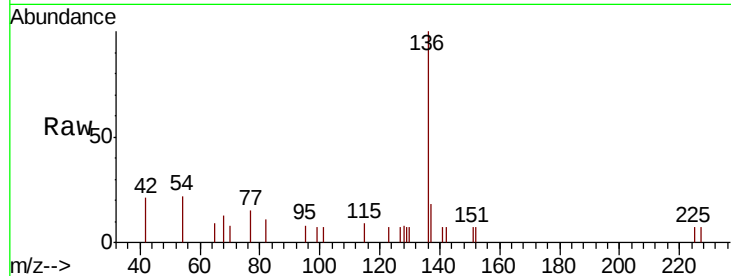
Concen: 0.400 ng m
RT: 10.18 min Scan# 828
Delta R.T. 0.06 min
Lab File: BN010198.D
Acq: 11 Mar 2020 18:47

Instrument :
BNA_N
ClientSampleId :
RE132D3-20200305DL

Tot Ion	Ratio	Lower	Upper
136	100		
137	18.0	11.3	16.9#
54	22.3	13.4	20.2#
68	13.2	7.0	10.4#

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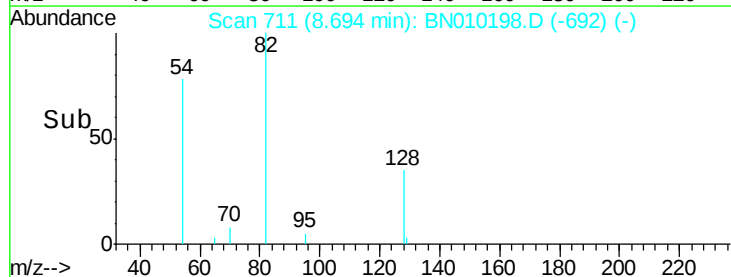
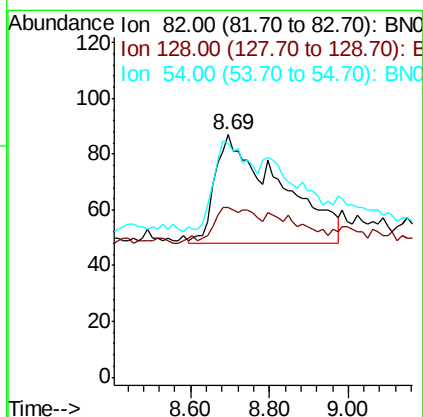
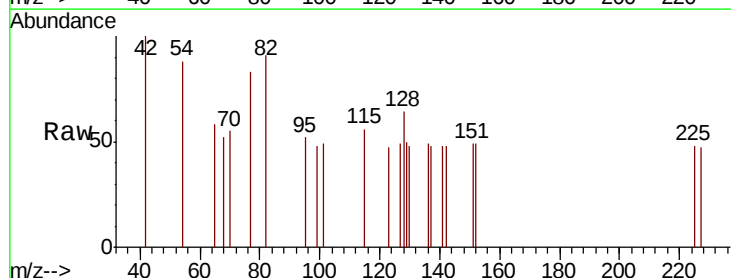


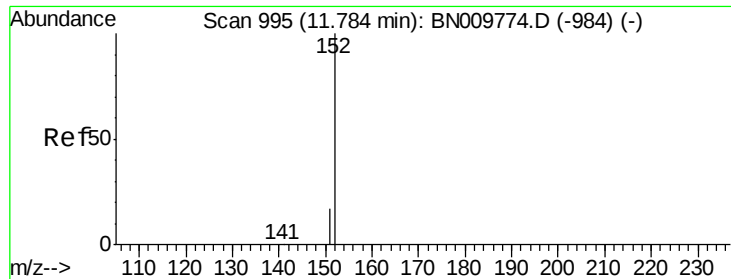
#8

Nitrobenzene-d5

Concen: 0.152 ng m
RT: 8.69 min Scan# 711
Delta R.T. 0.14 min
Lab File: BN010198.D
Acq: 11 Mar 2020 18:47

Tgt Ion	Ratio	Lower	Upper
82	100		
128	70.1	32.5	48.7#
54	96.6	73.5	110.3





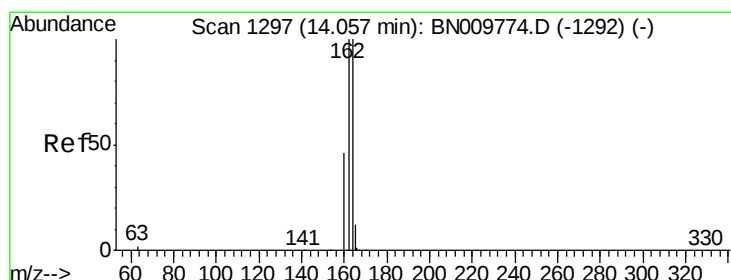
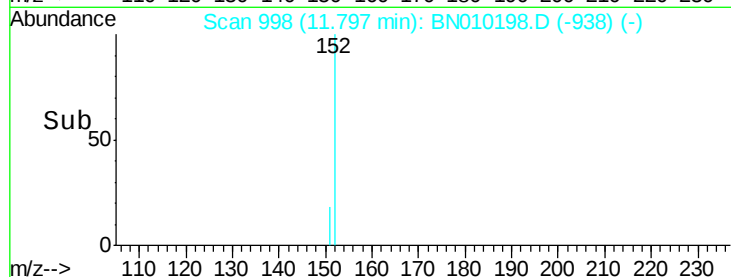
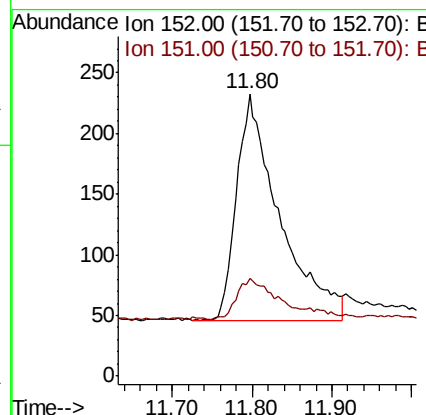
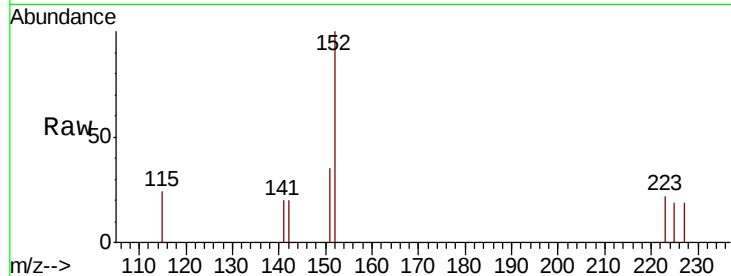
#11
2-Methylnaphthalene-d10
Concen: 0.102 ng
RT: 11.80 min Scan# 998
Delta R.T. 0.07 min
Lab File: BN010198.D
Acq: 11 Mar 2020 18:47

Instrument :
BNA_N
ClientSampleId :
RE132D3-20200305DL

Tot Ion	Ratio	Lower	Upper
152	100		
151	17.1	15.1	22.7

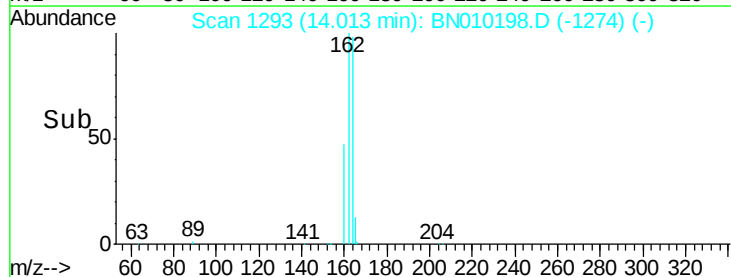
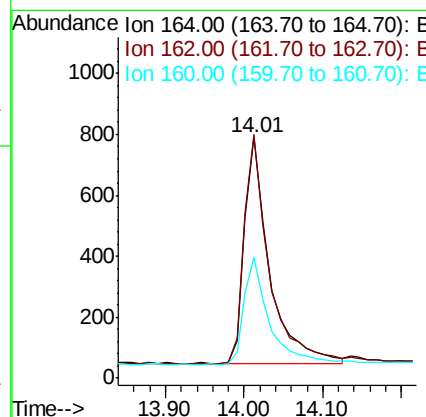
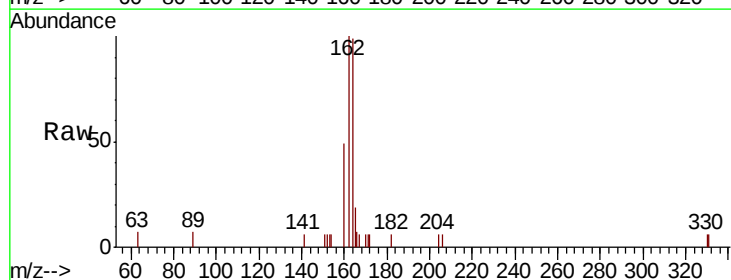
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1293
Delta R.T. 0.01 min
Lab File: BN010198.D
Acq: 11 Mar 2020 18:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	79.9	119.9
160	50.0	38.2	57.2





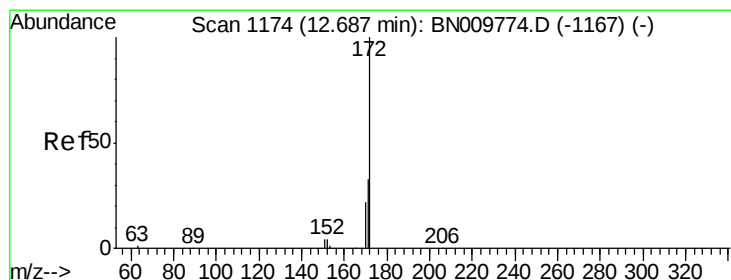
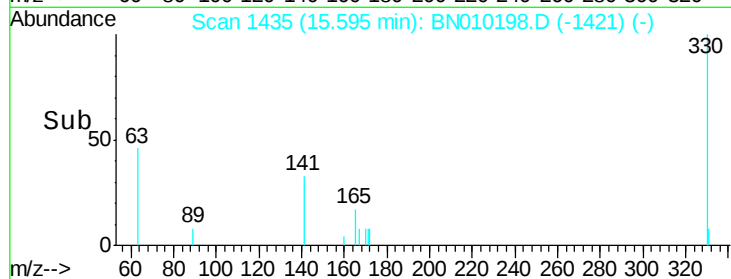
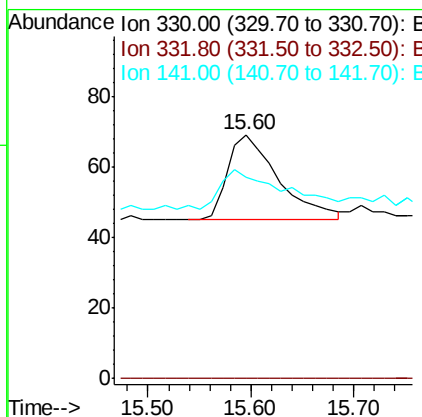
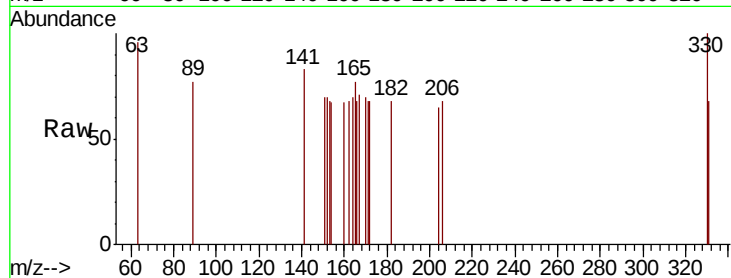
#14
 2,4,6-Tribromophenol
 Concen: 0.130 ng
 RT: 15.60 min Scan# 1435
 Delta R.T. 0.06 min
 Lab File: BN010198.D
 Acq: 11 Mar 2020 18:47

Instrument :
 BNA_N
 ClientSampleId :
 RE132D3-20200305DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	57.3	36.8	55.2

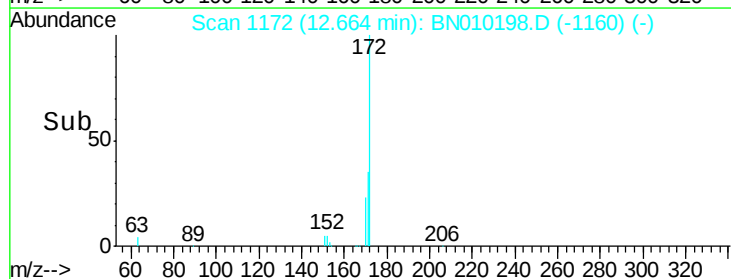
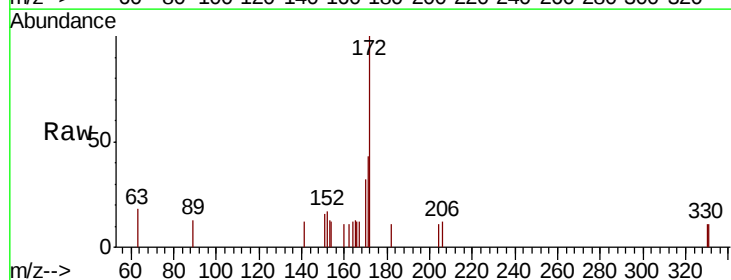
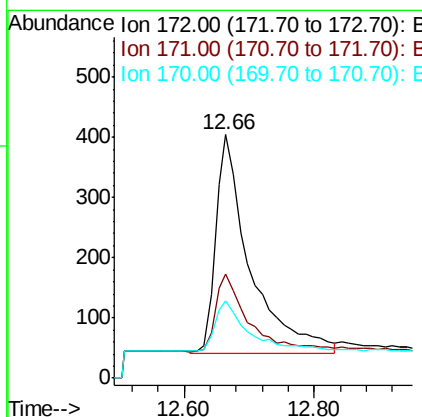
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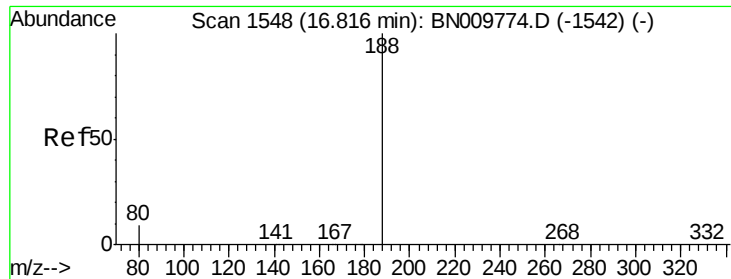
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#15
 2-Fluorobiphenyl
 Concen: 0.213 ng m
 RT: 12.66 min Scan# 1172
 Delta R.T. 0.03 min
 Lab File: BN010198.D
 Acq: 11 Mar 2020 18:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	42.6	28.7	43.1
170	31.9	20.1	30.1





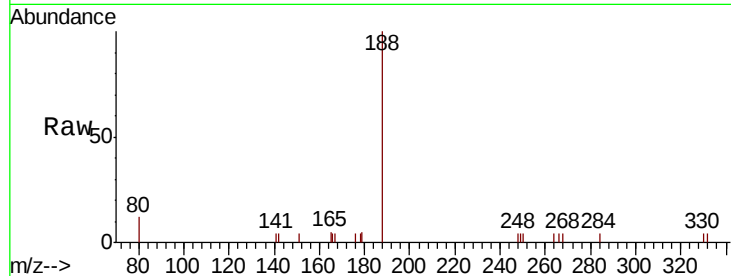
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. 0.03 min
Lab File: BN010198.D
Acq: 11 Mar 2020 18:47

Instrument :
BNA_N
ClientSampleId :
RE132D3-20200305DL

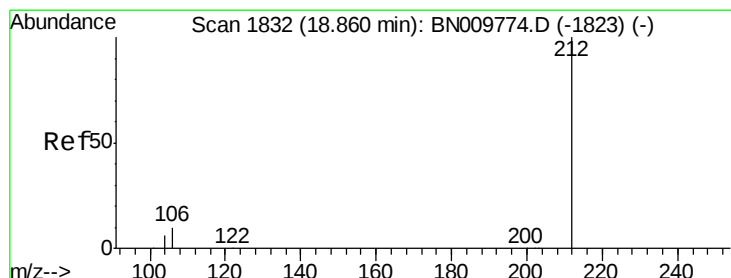
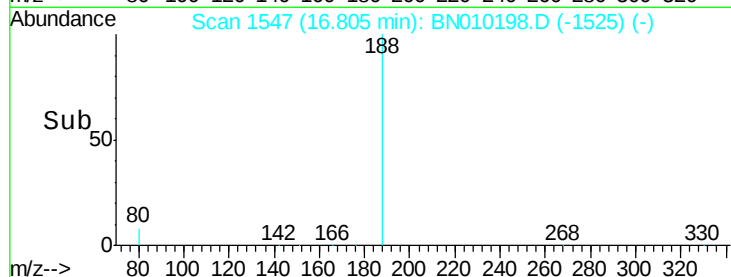
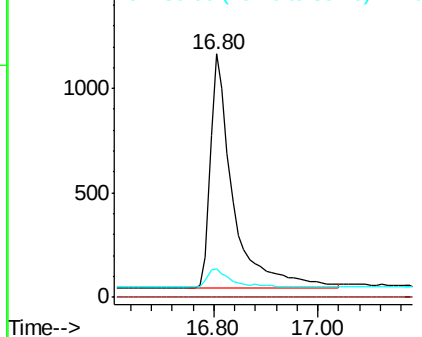
Tot Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.8	8.3	12.5

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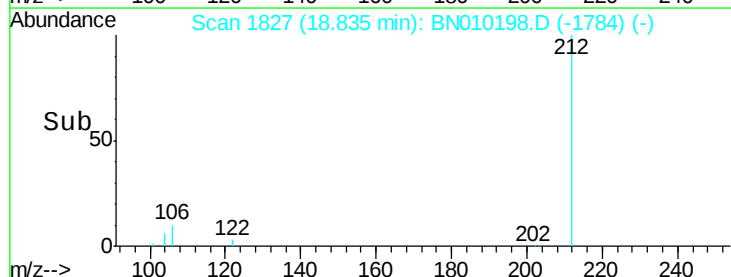
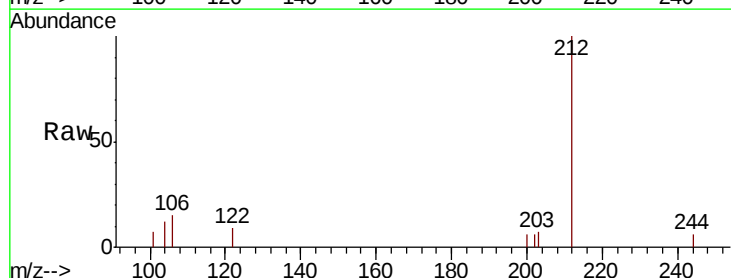
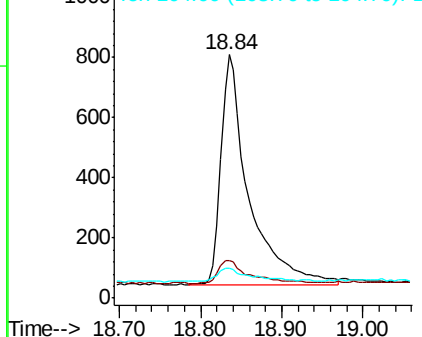
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): B
Ion 80.00 (79.70 to 80.70): B

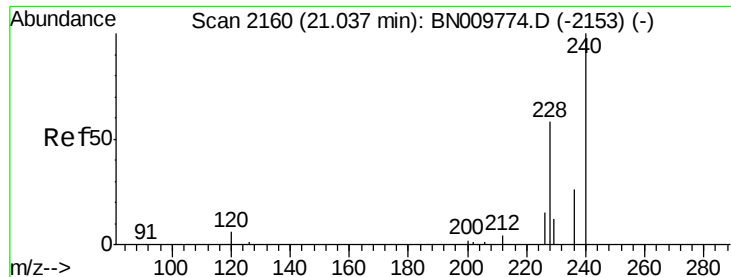


#25
Fluoranthene-d10
Concen: 0.151 ng
RT: 18.84 min Scan# 1827
Delta R.T. 0.02 min
Lab File: BN010198.D
Acq: 11 Mar 2020 18:47

Tgt Ion	Ratio	Lower	Upper
212	100		
106	11.0	8.4	12.6
104	6.6	4.8	7.2

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: 21.00 min Scan# 2157

Delta R.T. 0.01 min

Lab File: BN010198.D

Acq: 11 Mar 2020 18:47

Instrument :

BNA_N

ClientSampleId :

RE132D3-20200305DL

Tot Ion:240 Resp: 3748

Ion Ratio Lower Upper

240 100

120 13.1 7.9 11.9#

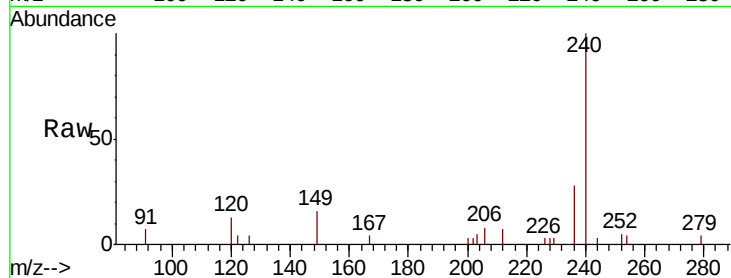
236 28.5 22.0 33.0

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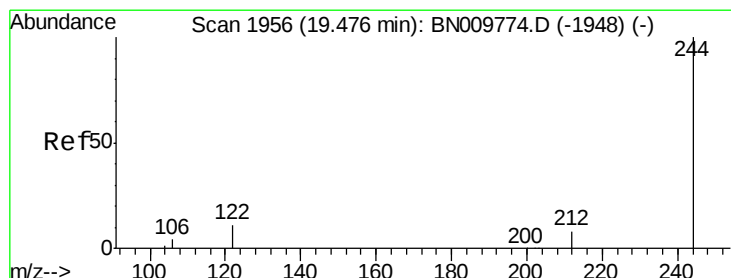
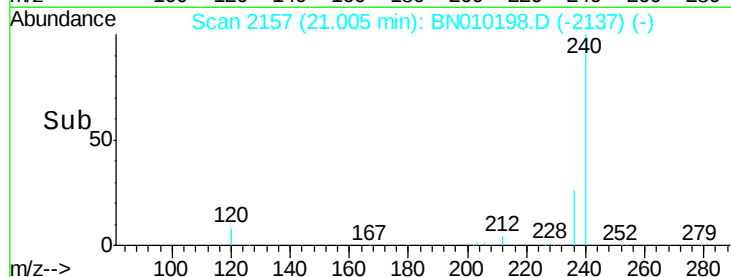
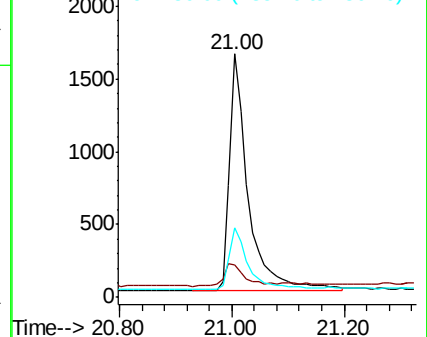
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#29

Terphenyl-d14

Concen: 0.188 ng

RT: 19.43 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BN010198.D

Acq: 11 Mar 2020 18:47

Tgt Ion:244 Resp: 1684

Ion Ratio Lower Upper

244 100

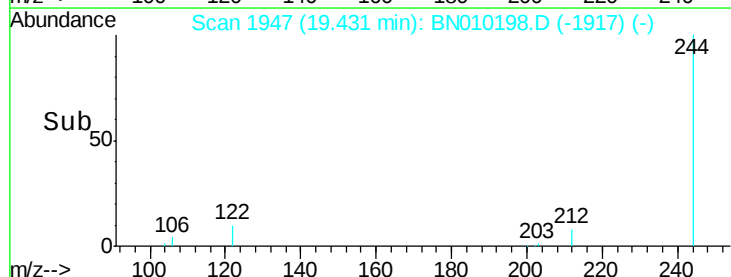
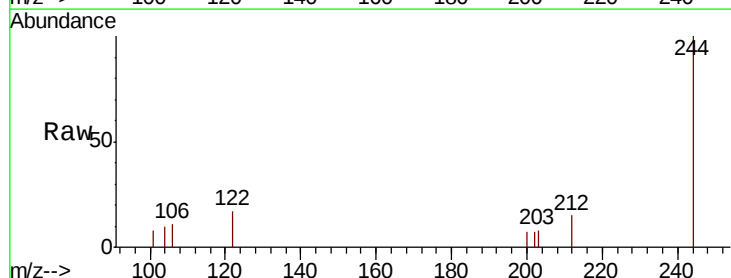
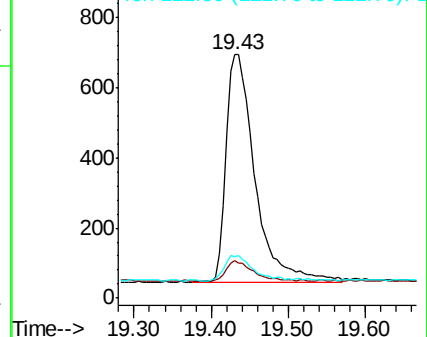
212 15.4 8.0 12.0#

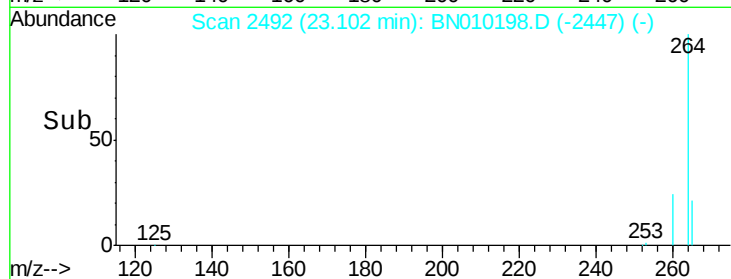
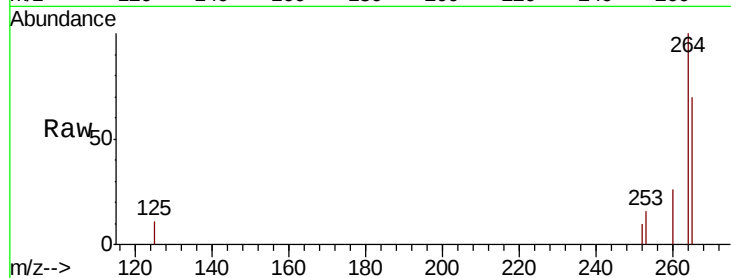
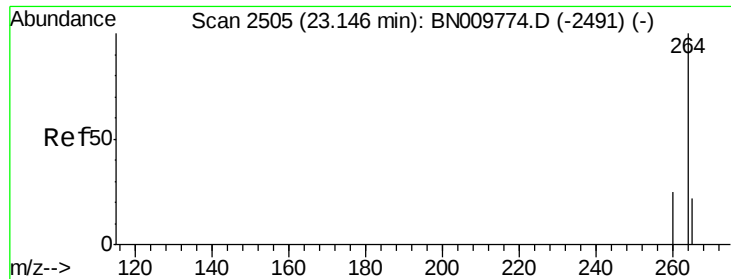
122 17.0 10.0 15.0#

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: 23.10 min Scan# 2492
 Delta R.T. 0.00 min
 Lab File: BN010198.D
 Acq: 11 Mar 2020 18:47

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.6	21.1	31.7
265	70.1	57.5	86.3

Instrument :
 BNA_N
 ClientSampleId :
 RE132D3-20200305DL

Manual Integrations
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 3/16/2020 1:45:38 PM

