

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 :
 RE134D3-20200305DL

Manual Integrations
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Quant Time: Mar 12 11:02:08 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	3034m	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	0.00	99	0d	0.00	ng	
8) Nitrobenzene-d5	8.90	82	132m	0.05	ng	0.34
11) 2-Methylnaphthalene-d10	11.87	152	265m	0.05	ng	0.14
14) 2,4,6-Tribromophenol	15.62	330	37	0.05	ng	0.08
15) 2-Fluorobiphenyl	12.71	172	433m	0.07	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	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.04	88	1182m	1.700	ng	

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

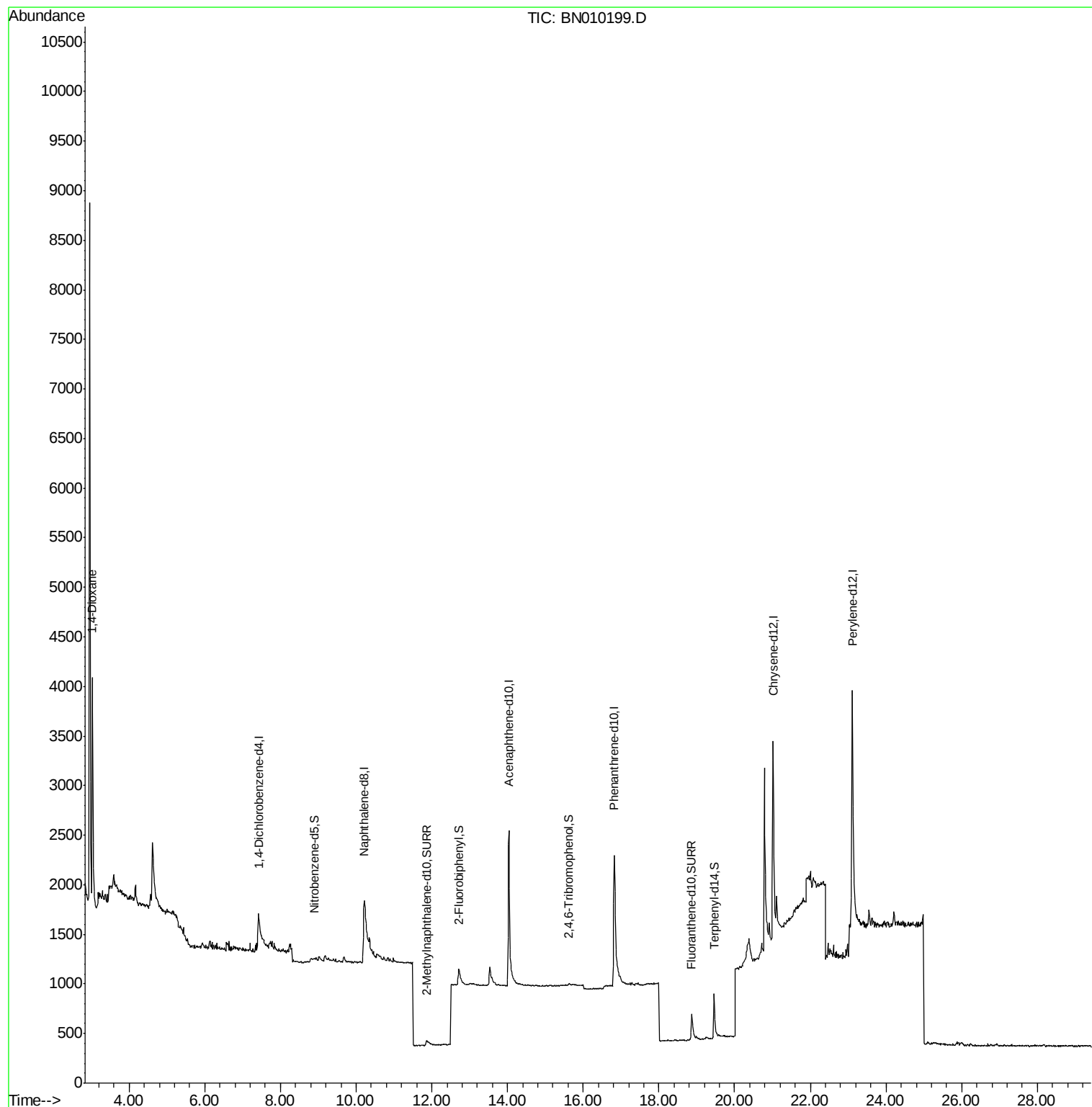
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
Data File : BN010199.D
Acq On : 11 Mar 2020 19:23
Operator : CG/JU
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#1

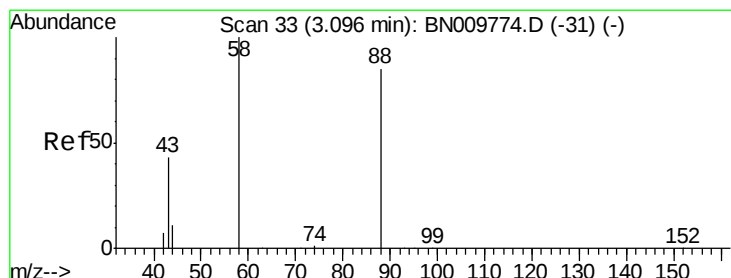
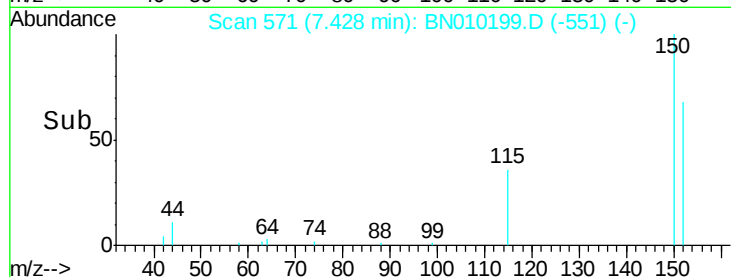
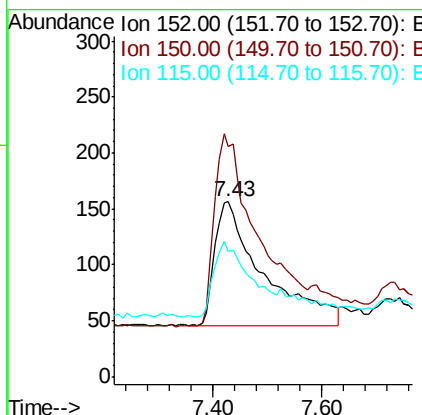
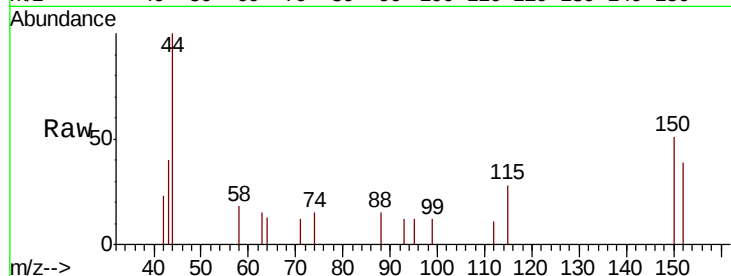
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 571
Delta R.T. 0.06 min
Lab File: BN010199.D
Acq: 11 Mar 2020 19:23

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	132.1	120.6	181.0
115	71.8	51.2	76.8

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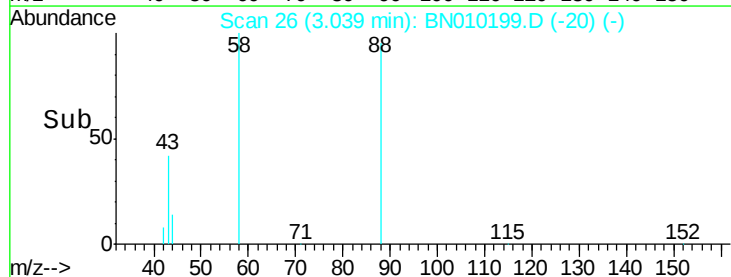
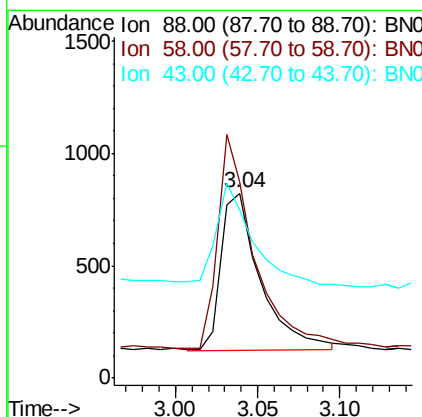
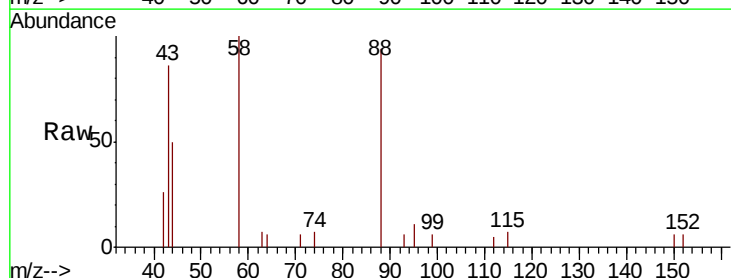
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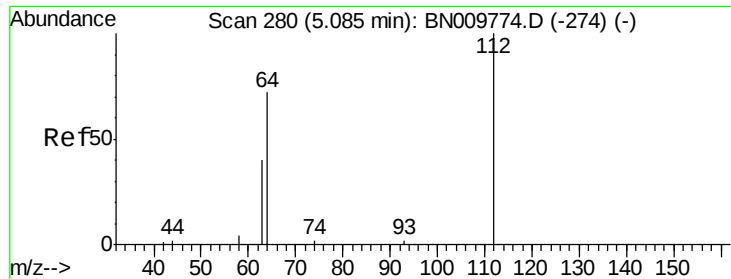


#2

1,4-Dioxane
Concen: 1.700 ng m
RT: 3.04 min Scan# 26
Delta R.T. 0.00 min
Lab File: BN010199.D
Acq: 11 Mar 2020 19:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	97.8	146.8#
43	0.0	45.1	67.7#





#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

Instrument :

BNA_N

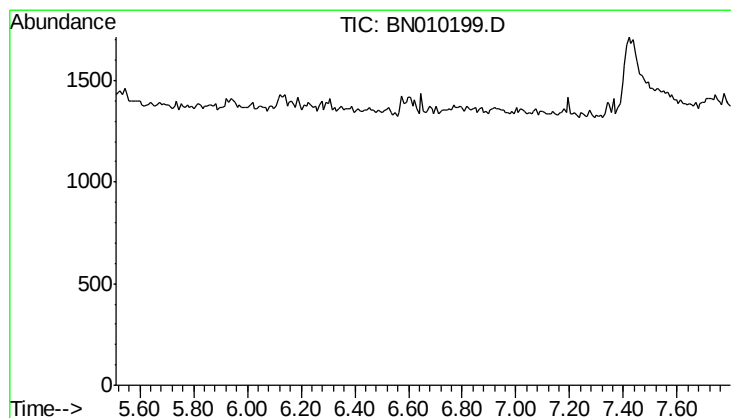
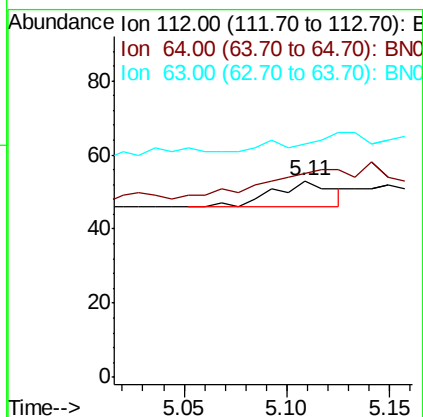
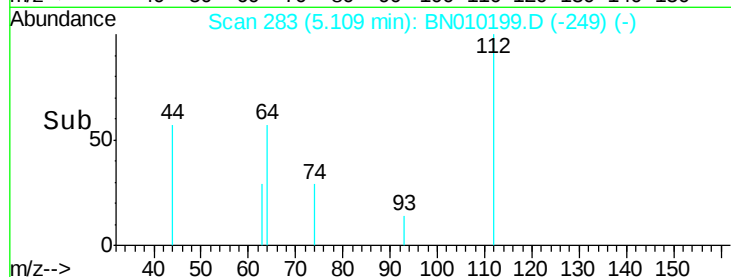
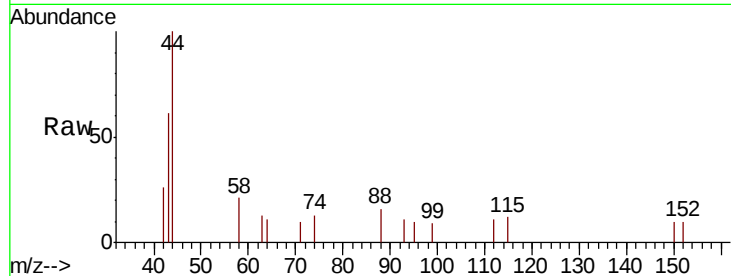
ClientSampleId :

RE134D3-20200305DL

Tot Ion	Ratio	Lower	Upper
112	100		
64	178.6	65.8	98.6#
63	42.9	38.7	58.1

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#5

Phenol-d6

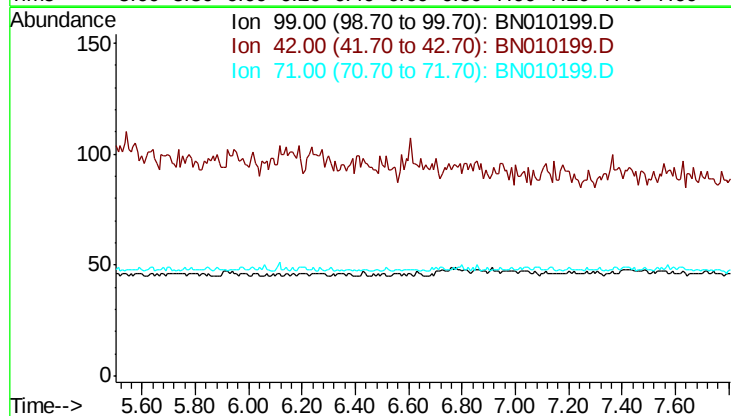
Concen: 0.000 ng

Expected RT: 6.61 min

Lab File: BN010199.D

Acq: 11 Mar 2020 19:23

Tgt Ion	Exp Ratio
99	100
42	38.5
71	43.6





#7

Naphthalene-d8

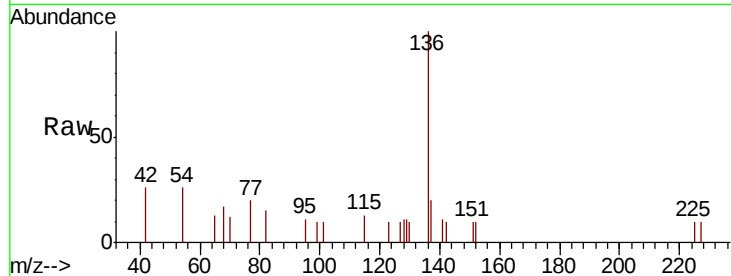
Concen: 0.400 ng m
RT: 10.21 min Scan# 831
Delta R.T. 0.10 min
Lab File: BN010199.D
Acq: 11 Mar 2020 19:23

Instrument :
BNA_N
ClientSampleId :
RE134D3-20200305DL

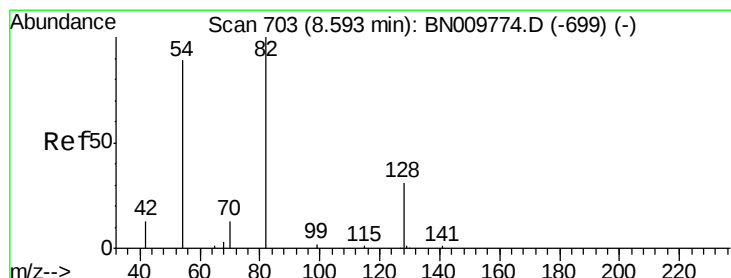
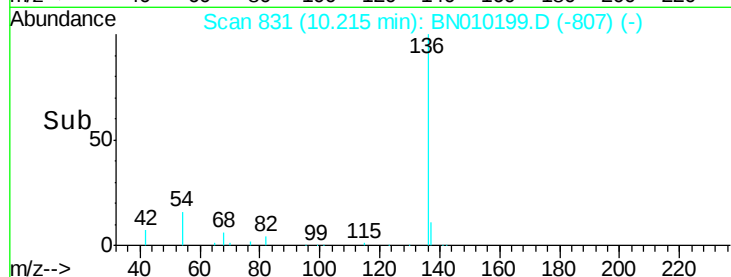
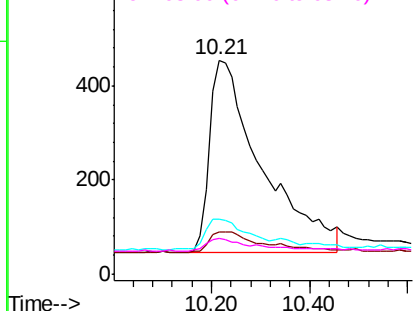
Tot Ion	Ratio	Lower	Upper
136	100		
137	19.8	11.3	16.9#
54	25.6	13.4	20.2#
68	16.5	7.0	10.4#

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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC



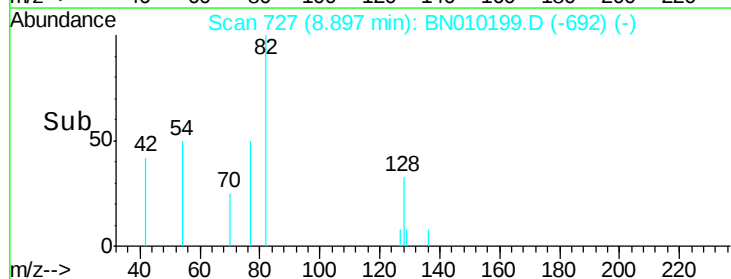
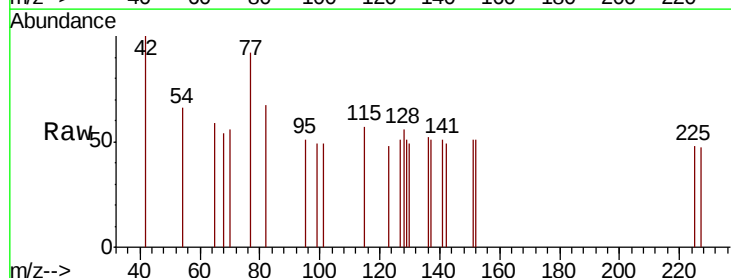
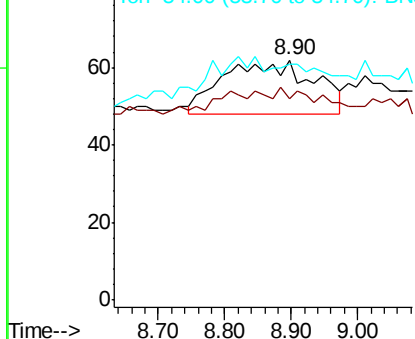
#8

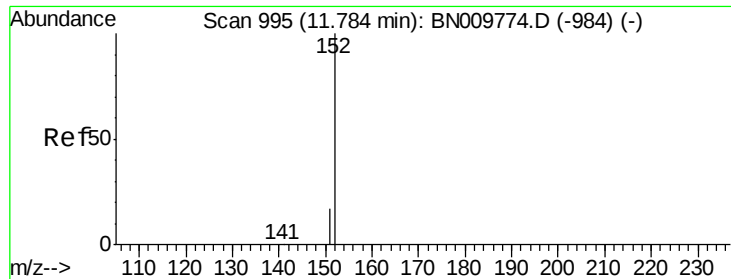
Nitrobenzene-d5

Concen: 0.052 ng m
RT: 8.90 min Scan# 727
Delta R.T. 0.34 min
Lab File: BN010199.D
Acq: 11 Mar 2020 19:23

Tgt Ion	Ratio	Lower	Upper
82	100		
128	83.9	32.5	48.7#
54	98.4	73.5	110.3

Abundance Ion 82.00 (81.70 to 82.70): BNC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BNC





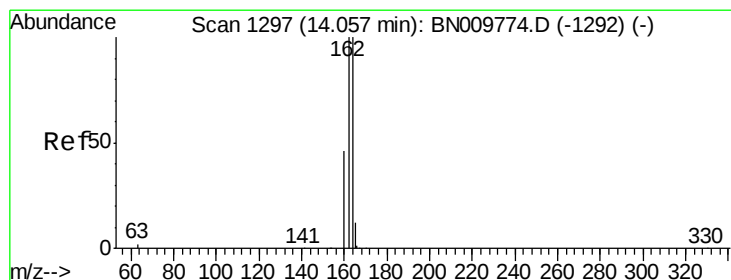
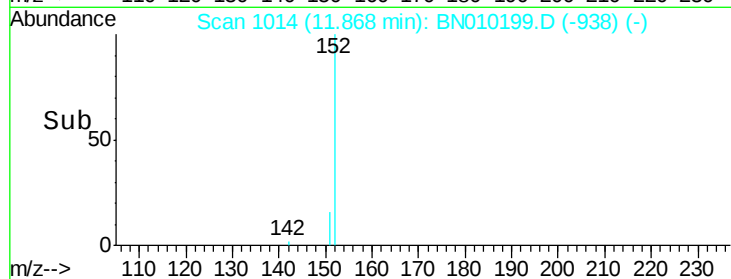
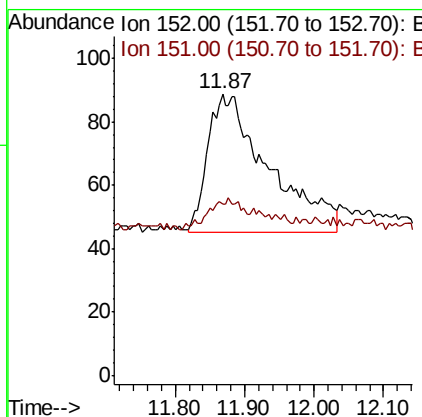
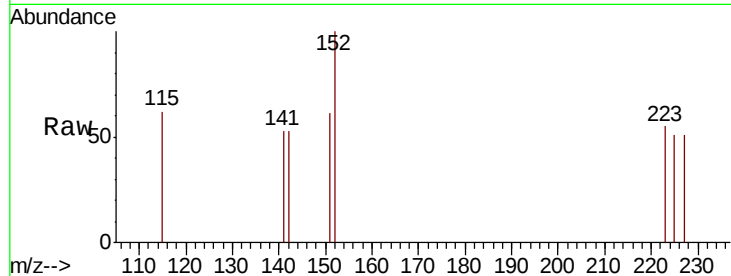
#11
2-Methylnaphthalene-d10
Concen: 0.045 ng m
RT: 11.87 min Scan# 1014
Delta R.T. 0.14 min
Lab File: BN010199.D
Acq: 11 Mar 2020 19:23

Instrument :
BNA_N
ClientSampleId :
RE134D3-20200305DL

Tot Ion:152 Resp: 265
Ion Ratio Lower Upper
152 100
151 5.7 15.1 22.7#

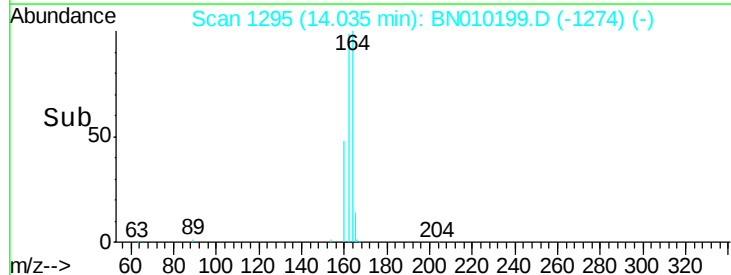
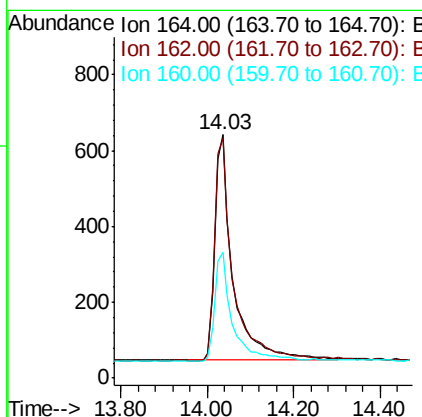
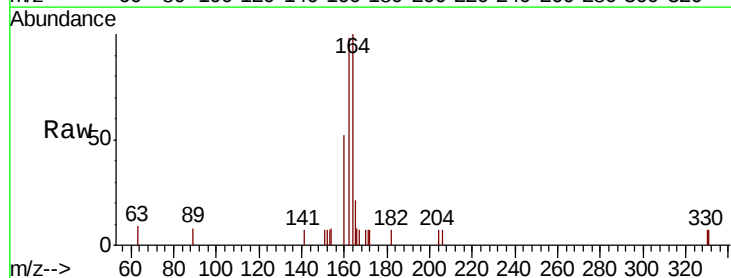
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1295
Delta R.T. 0.03 min
Lab File: BN010199.D
Acq: 11 Mar 2020 19:23

Tgt Ion:164 Resp: 1764
Ion Ratio Lower Upper
164 100
162 98.4 79.9 119.9
160 51.7 38.2 57.2





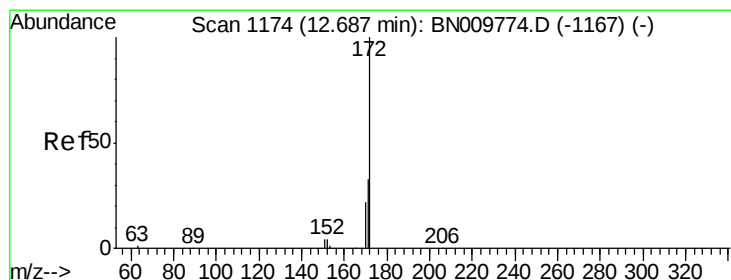
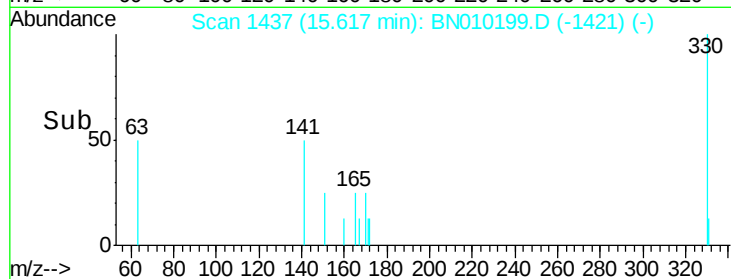
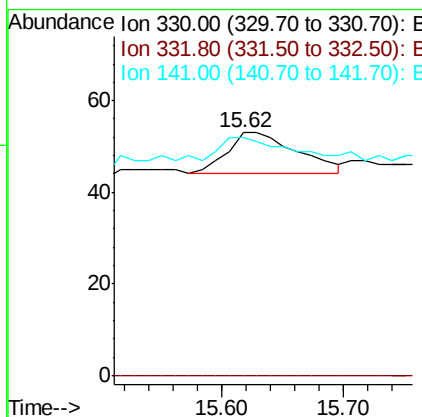
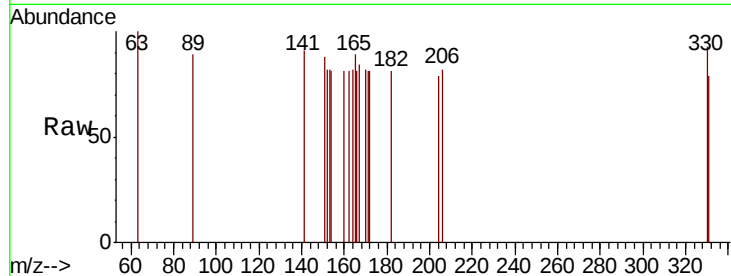
#14
2,4,6-Tribromophenol
Concen: 0.054 ng
RT: 15.62 min Scan# 1437
Delta R.T. 0.08 min
Lab File: BN010199.D
Acq: 11 Mar 2020 19:23

Instrument :
BNA_N
ClientSampleId :
RE134D3-20200305DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	51.4	36.8	55.2

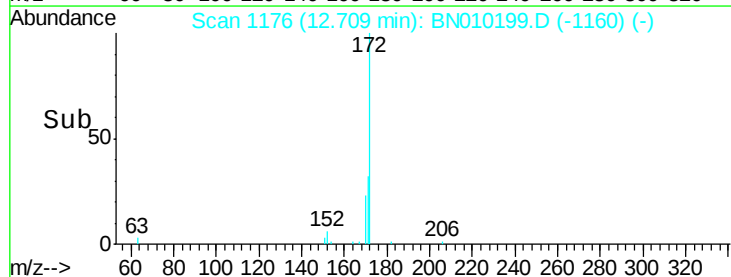
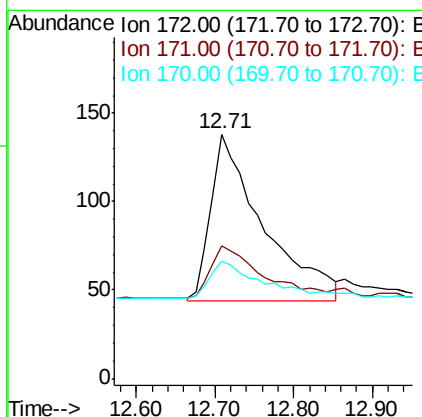
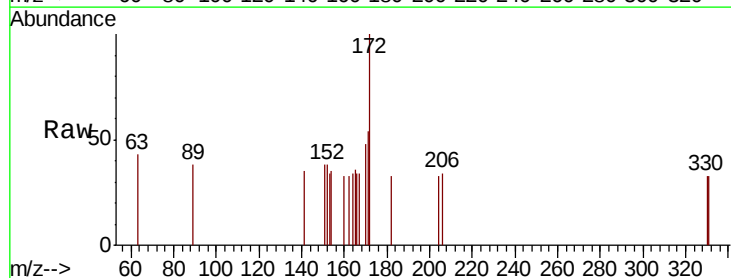
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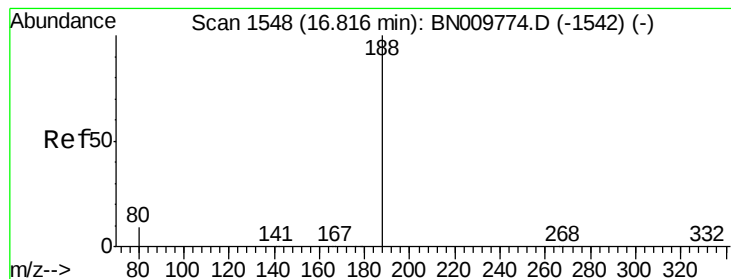
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#15
2-Fluorobiphenyl
Concen: 0.065 ng m
RT: 12.71 min Scan# 1176
Delta R.T. 0.08 min
Lab File: BN010199.D
Acq: 11 Mar 2020 19:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	54.3	28.7	43.1#
170	47.8	20.1	30.1#





#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

Instrument :

BNA_N

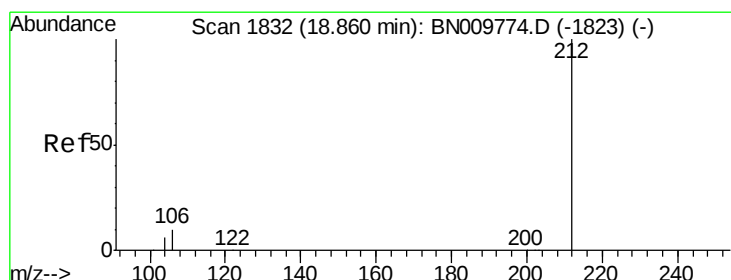
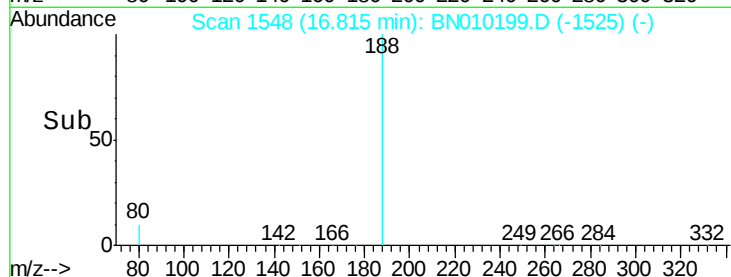
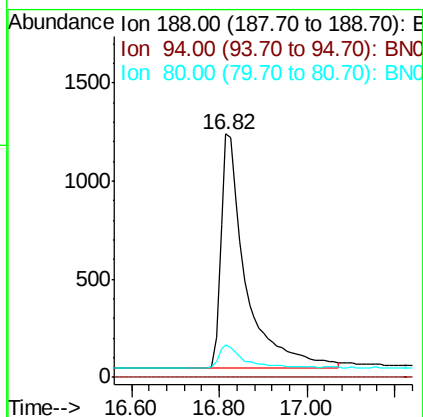
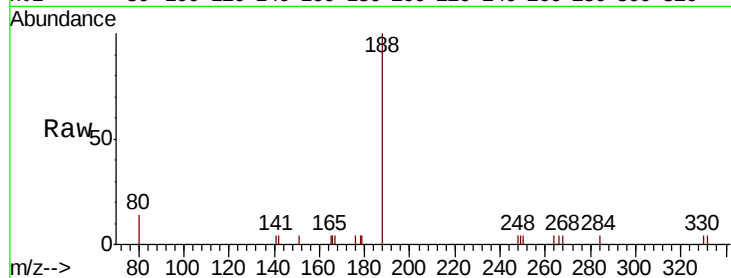
ClientSampleId :

RE134D3-20200305DL

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

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#25

Fluoranthene-d10

Concen: 0.046 ng

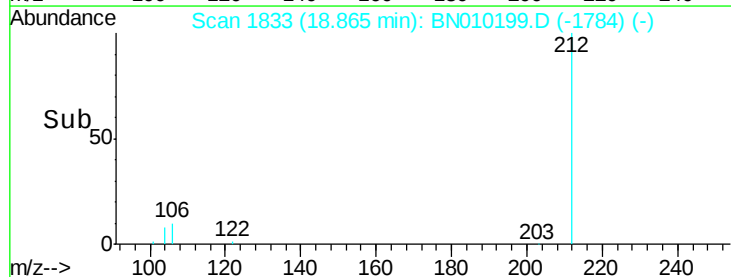
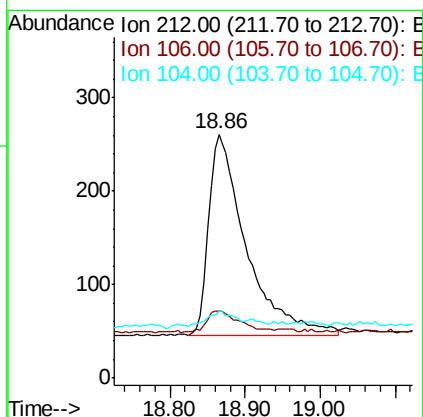
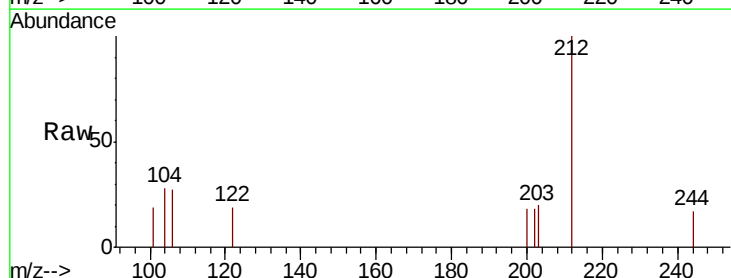
RT: 18.86 min Scan# 1833

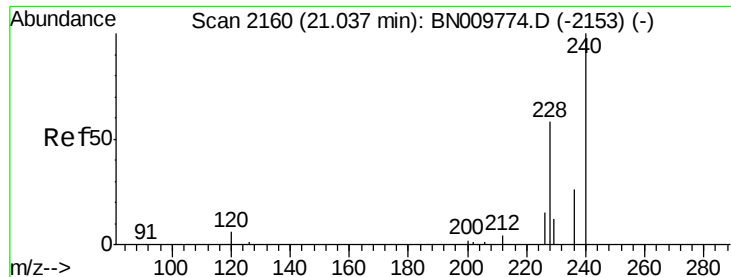
Delta R.T. 0.04 min

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

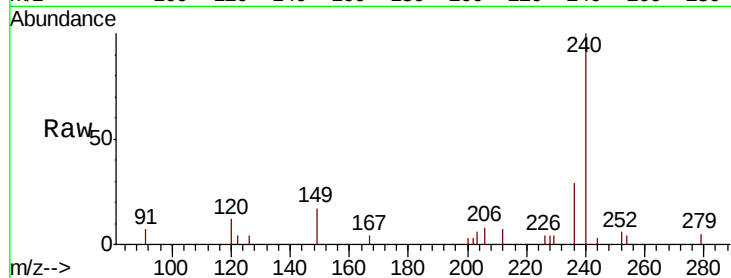
ClientSampleId :

RE134D3-20200305DL

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.0	7.9	11.9#
236	29.2	22.0	33.0

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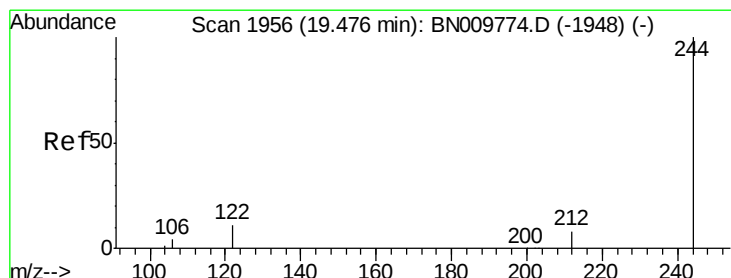
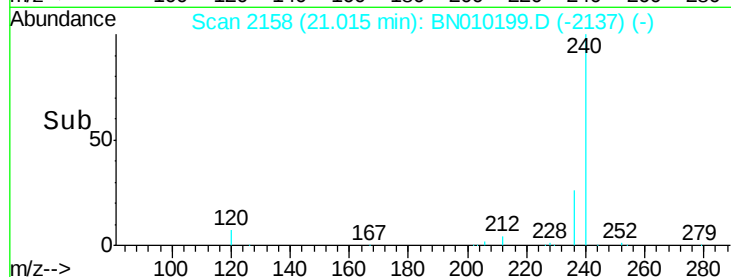
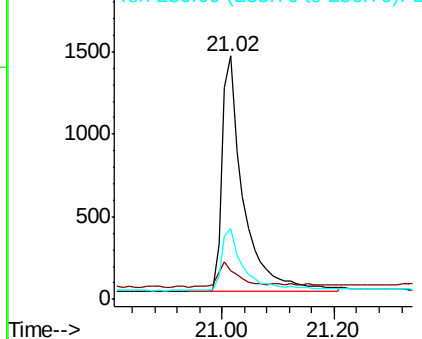
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#29

Terphenyl-d14

Concen: 0.090 ng

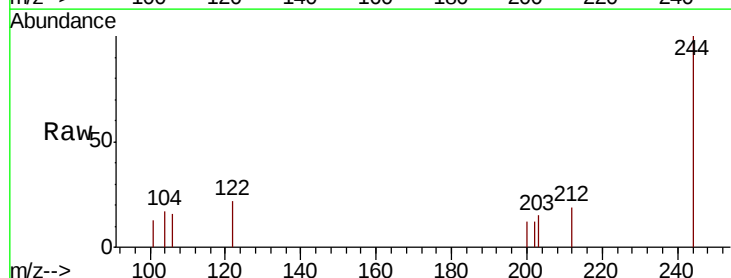
RT: 19.46 min Scan# 1952

Delta R.T. 0.02 min

Lab File: BN010199.D

Acq: 11 Mar 2020 19:23

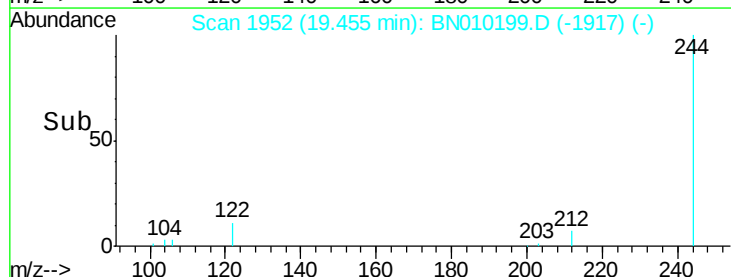
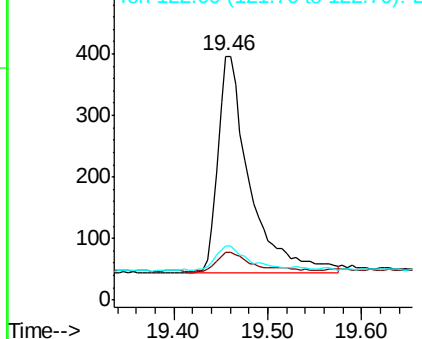
Tgt Ion	Ratio	Lower	Upper
244	100		
212	19.4	8.0	12.0#
122	22.2	10.0	15.0#

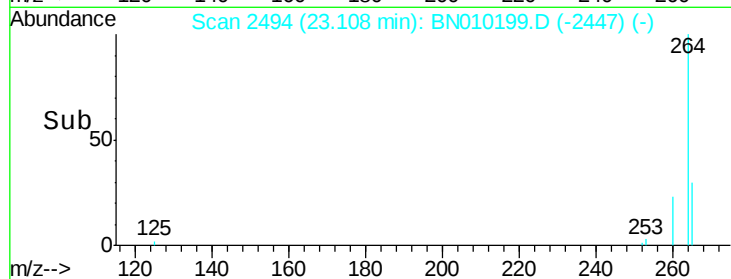
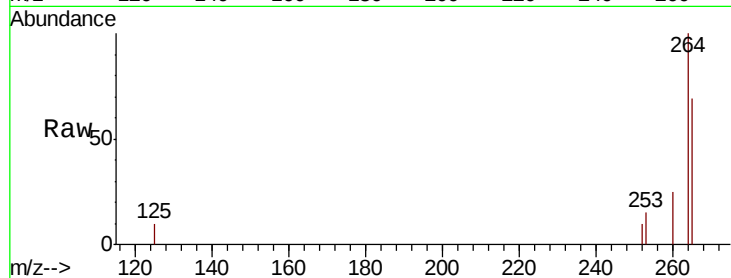
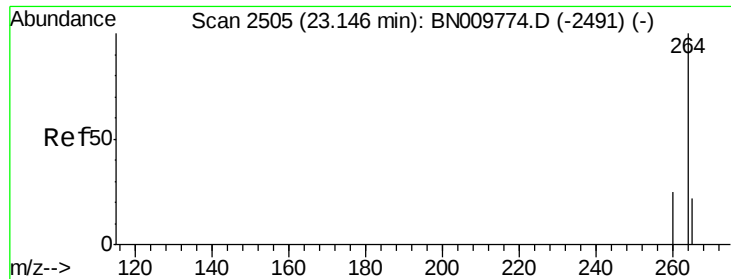


Abundance Ion 244.00 (243.70 to 244.70): E

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	21.1	31.7
265	69.4	57.5	86.3

Instrument :
BNA_N
ClientSampleId :
RE134D3-20200305DL

Manual Integrations
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