

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010188.D
 Acq On : 11 Mar 2020 12:21
 Operator : CG/JU
 Sample : L1842-27
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE139D1-20200306

Manual Integrations
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Quant Time: Mar 11 15:41:18 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 Feb 19 15:57:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	691	0.40	ng	-0.04
7) Naphthalene-d8	10.16	136	3244m	0.40	ng	-0.01
13) Acenaphthene-d10	14.01	164	1401	0.40	ng	-0.04
19) Phenanthrene-d10	16.80	188	3103	0.40	ng	-0.01
27) Chrysene-d12	21.00	240	3053	0.40	ng	-0.03
34) Perylene-d12	23.10	264	3076	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	303	0.20	ng	-0.02
5) Phenol-d6	6.60	99	311	0.17	ng	-0.05
8) Nitrobenzene-d5	8.63	82	760m	0.28	ng	0.04
11) 2-Methylnaphthalene-d10	11.76	152	1394	0.22	ng	-0.02
14) 2,4,6-Tribromophenol	15.57	330	211	0.39	ng	-0.01
15) 2-Fluorobiphenyl	12.64	172	1971	0.37	ng	-0.04
25) Fluoranthene-d10	18.83	212	3394	0.32	ng	-0.03
29) Terphenyl-d14	19.43	244	2911	0.40	ng	-0.05
Target Compounds						
2) 1,4-Dioxane	3.04	88	1077m	1.522	ng	Qvalue

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

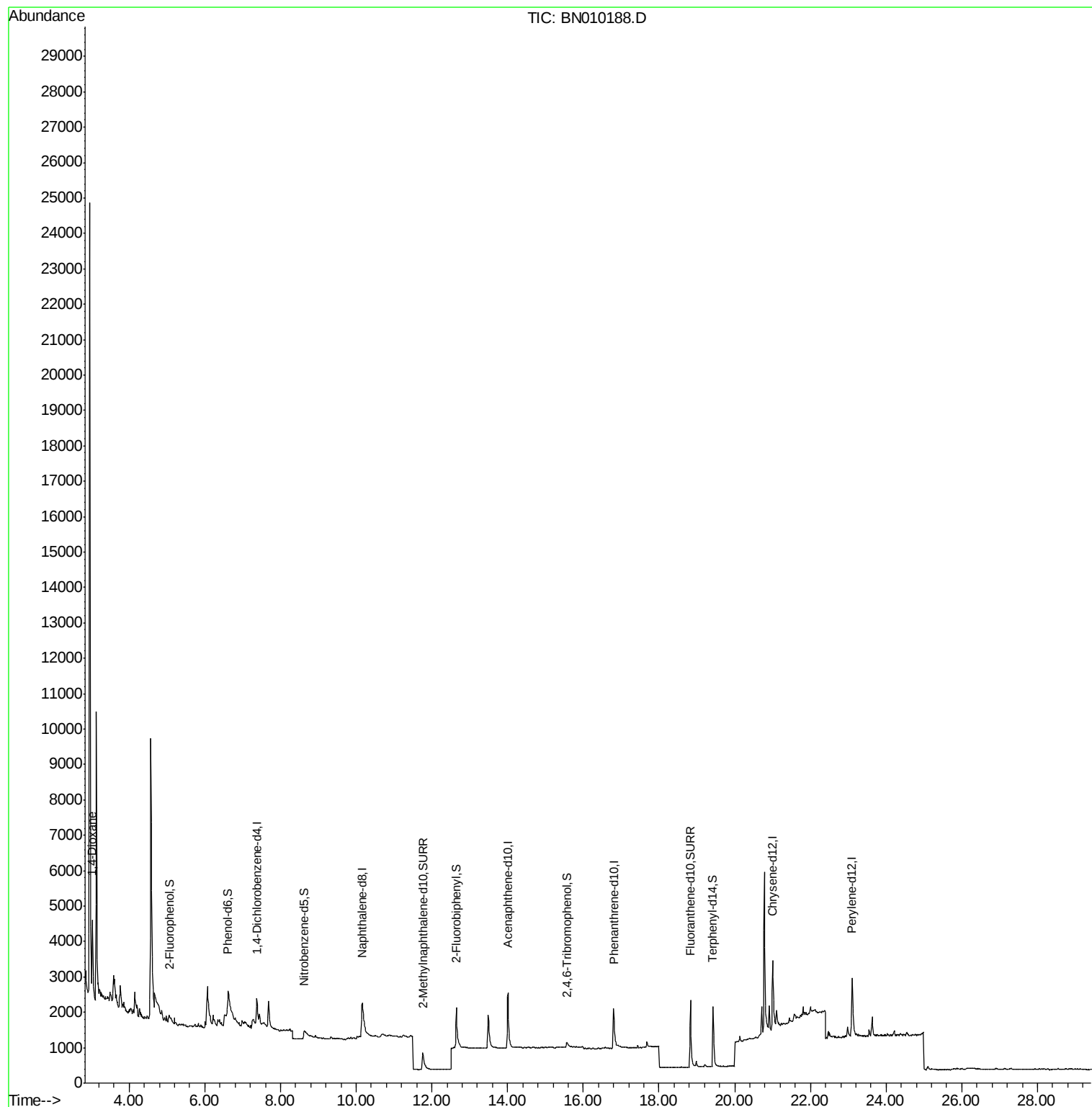
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
Data File : BN010188.D
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#1

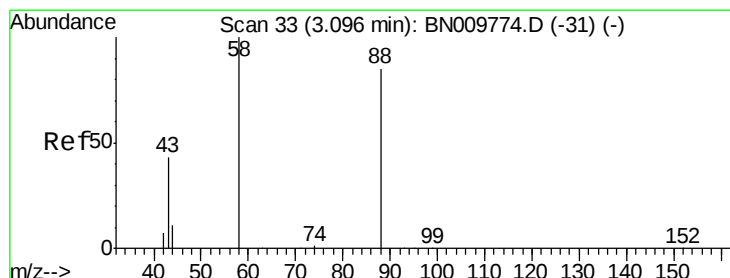
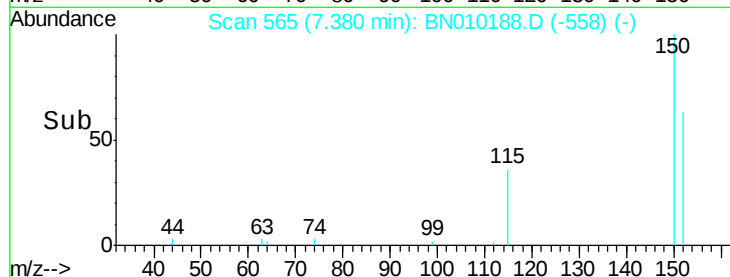
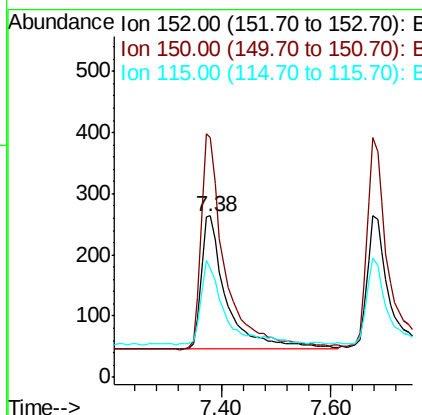
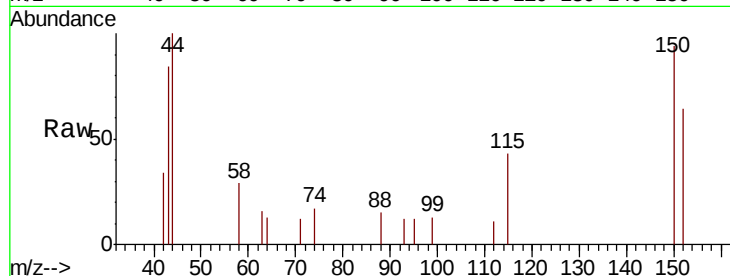
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 565
Delta R.T. -0.04 min
Lab File: BN010188.D
Acq: 11 Mar 2020 12:21

Instrument :
BNA_N
ClientSampleId :
RE139D1-20200306

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.1	120.6	181.0
115	67.8	51.2	76.8

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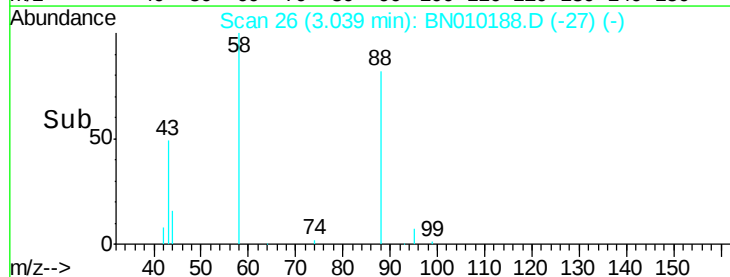
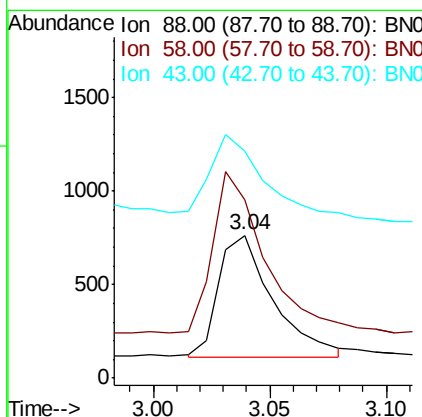
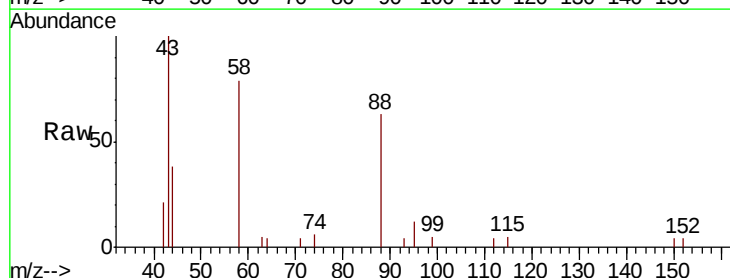
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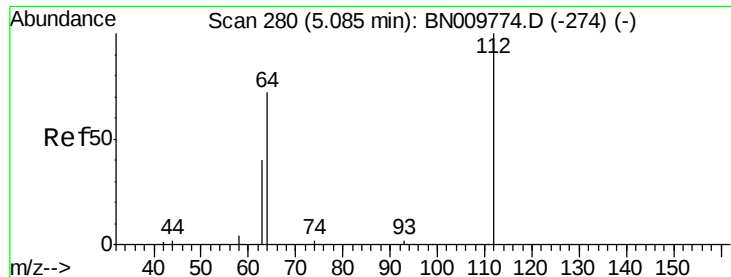


#2

1,4-Dioxane
Concen: 1.522 ng m
RT: 3.04 min Scan# 26
Delta R.T. -0.06 min
Lab File: BN010188.D
Acq: 11 Mar 2020 12:21

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: 0.197 ng

RT: 5.07 min Scan# 278

Delta R.T. -0.02 min

Lab File: BN010188.D

Acq: 11 Mar 2020 12:21

Instrument :

BNA_N

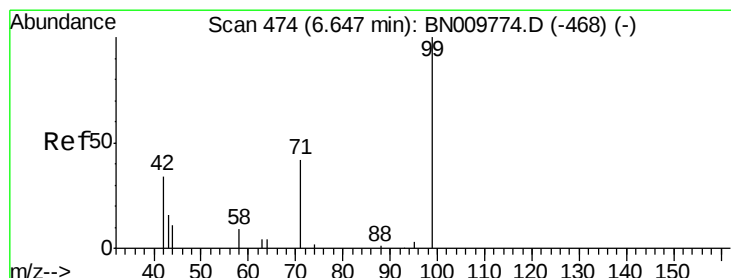
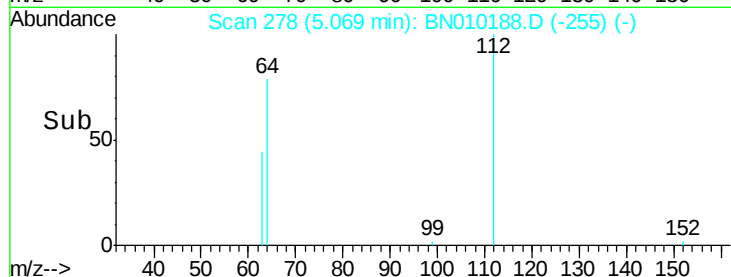
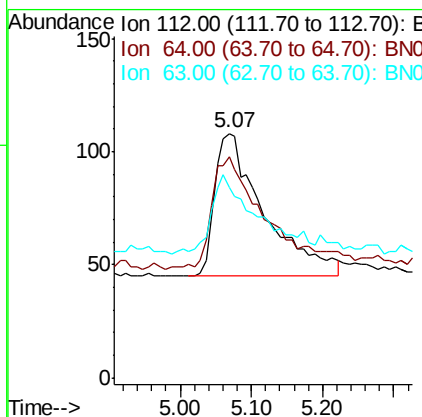
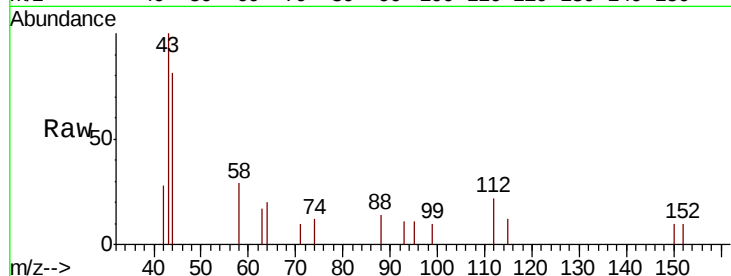
ClientSampleId :

RE139D1-20200306

Tot Ion:	112	Resp:	303
Ion	Ratio	Lower	Upper
112	100		
64	85.5	65.8	98.6
63	51.8	38.7	58.1

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#5

Phenol-d6

Concen: 0.166 ng

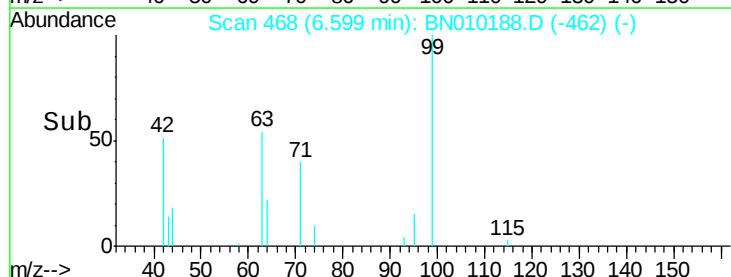
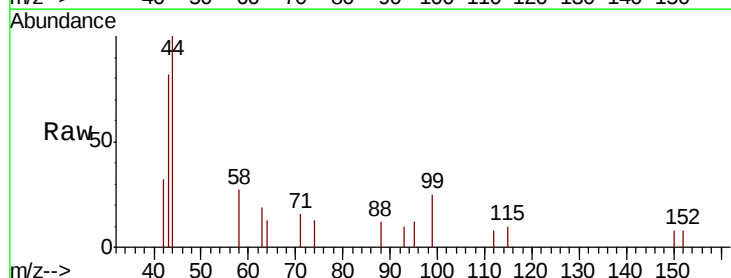
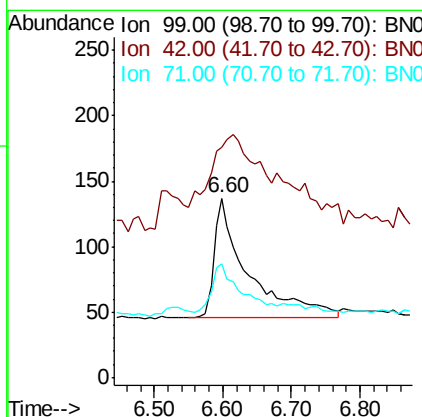
RT: 6.60 min Scan# 468

Delta R.T. -0.05 min

Lab File: BN010188.D

Acq: 11 Mar 2020 12:21

Tgt Ion:	99	Resp:	311
Ion	Ratio	Lower	Upper
99	100		
42	77.5	30.8	46.2#
71	34.7	34.9	52.3#





#7

Naphthalene-d8

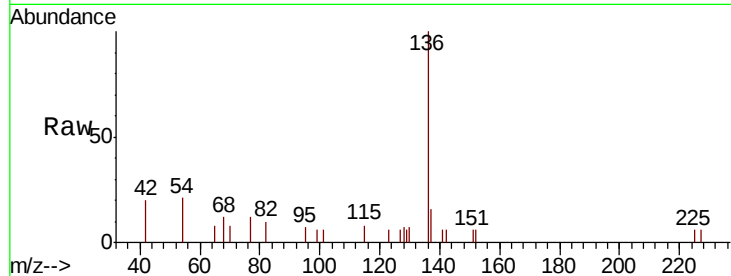
Concen: 0.400 ng m
RT: 10.16 min Scan# 827
Delta R.T. -0.01 min
Lab File: BN010188.D
Acq: 11 Mar 2020 12:21

Instrument :
BNA_N
ClientSampleId :
RE139D1-20200306

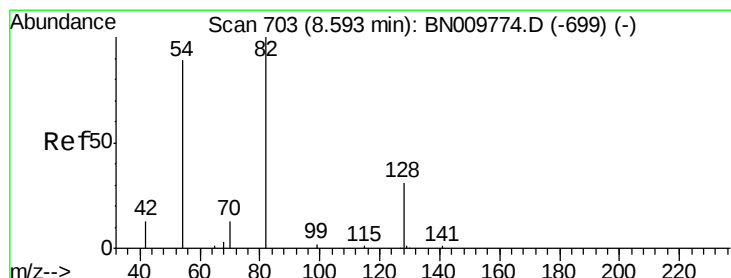
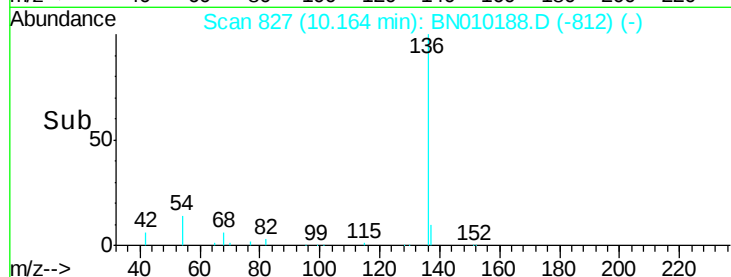
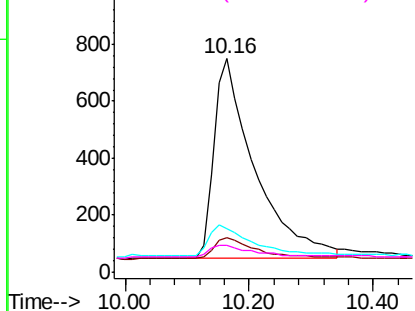
Tot Ion	Ratio	Lower	Upper
136	100		
137	16.0	11.3	16.9
54	20.5	13.4	20.2#
68	12.3	7.0	10.4#

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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

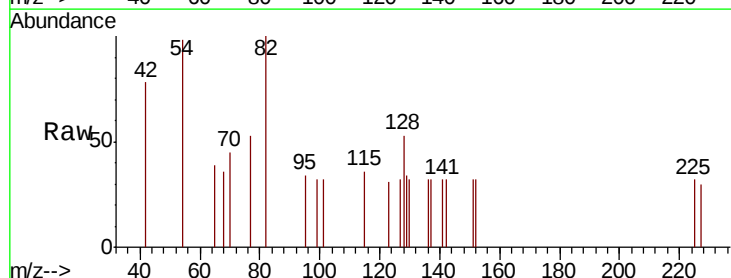


#8

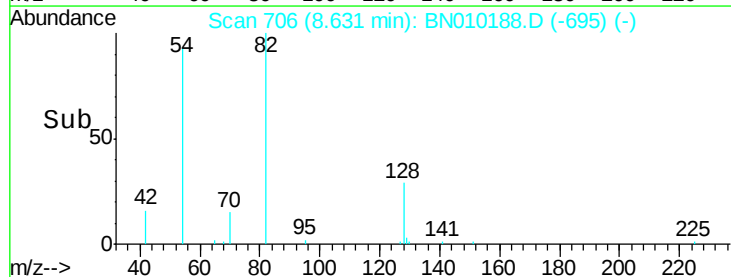
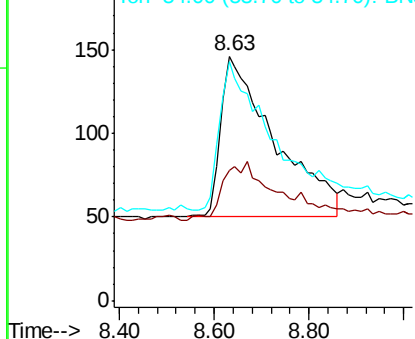
Nitrobenzene-d5

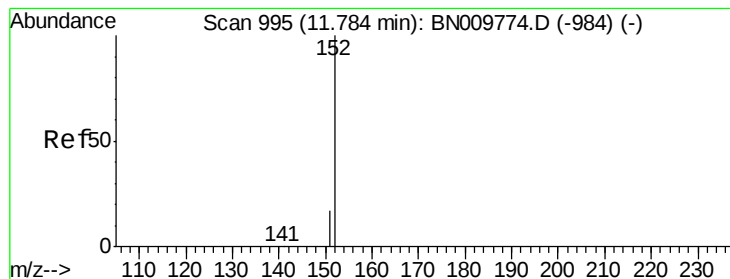
Concen: 0.282 ng m
RT: 8.63 min Scan# 706
Delta R.T. 0.04 min
Lab File: BN010188.D
Acq: 11 Mar 2020 12:21

Tgt Ion	Ratio	Lower	Upper
82	100		
128	53.4	32.5	48.7#
54	97.9	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





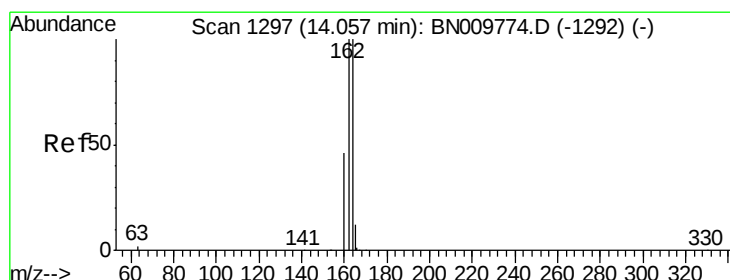
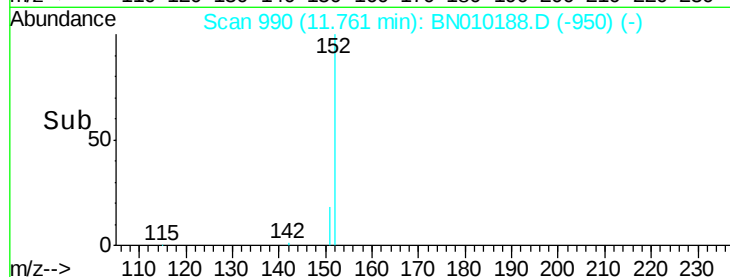
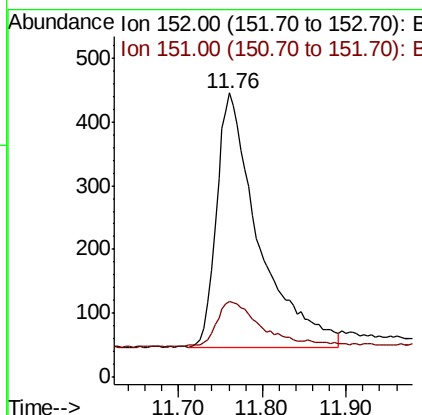
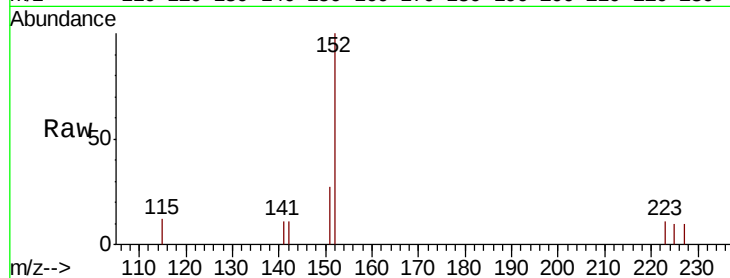
#11
2-Methylnaphthalene-d10
Concen: 0.222 ng
RT: 11.76 min Scan# 990
Delta R.T. -0.02 min
Lab File: BN010188.D
Acq: 11 Mar 2020 12:21

Instrument :
BNA_N
ClientSampleId :
RE139D1-20200306

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.1	22.7

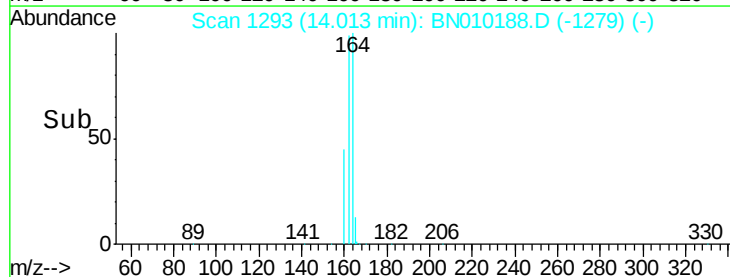
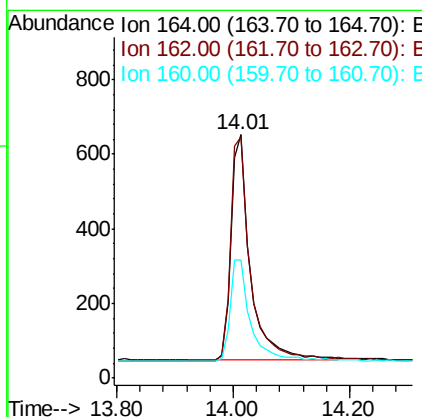
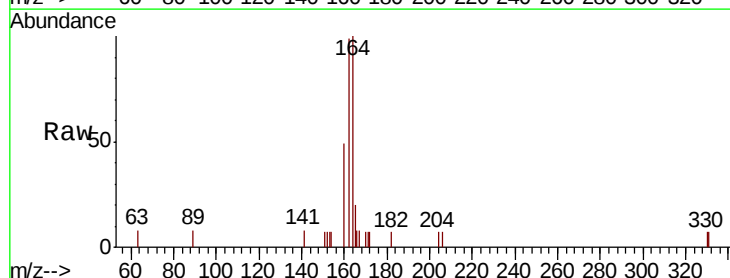
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1293
Delta R.T. -0.04 min
Lab File: BN010188.D
Acq: 11 Mar 2020 12:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.8	79.9	119.9
160	48.5	38.2	57.2





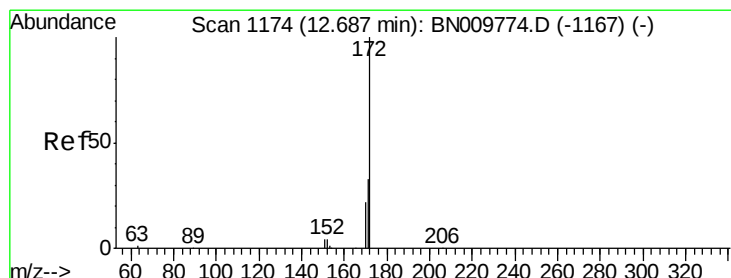
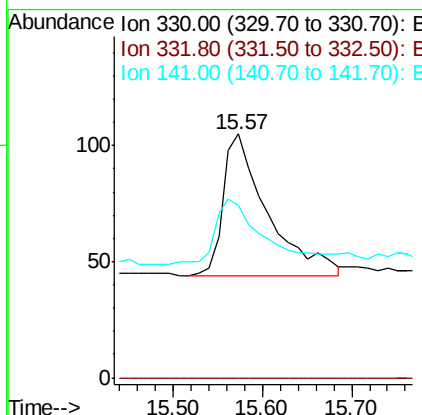
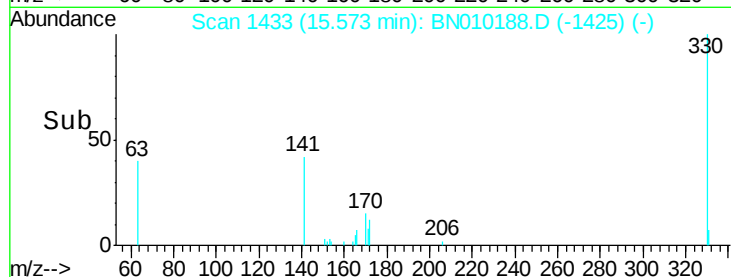
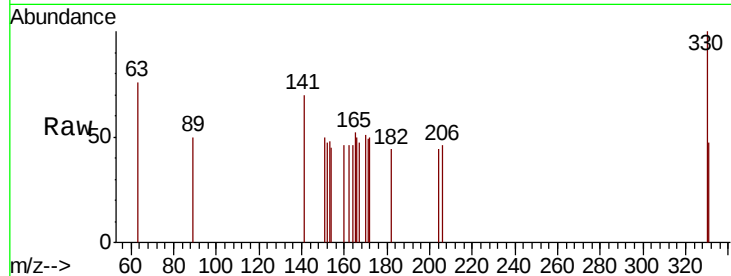
#14
 2,4,6-Tribromophenol
 Concen: 0.391 ng
 RT: 15.57 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BN010188.D
 Acq: 11 Mar 2020 12:21

Instrument :
 BNA_N
 ClientSampleId :
 RE139D1-20200306

Tot Ion	Ratio	Resp	Lower	Upper
330	100	211		
332	0.0	0.0	0.0	0.0
141	49.3	36.8	55.2	

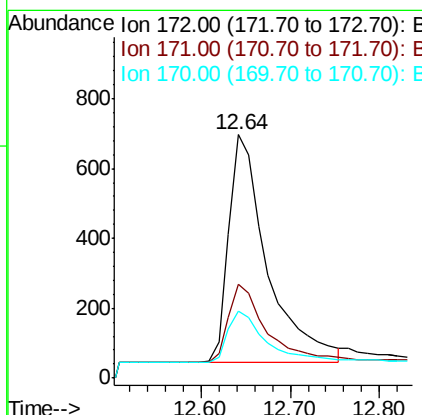
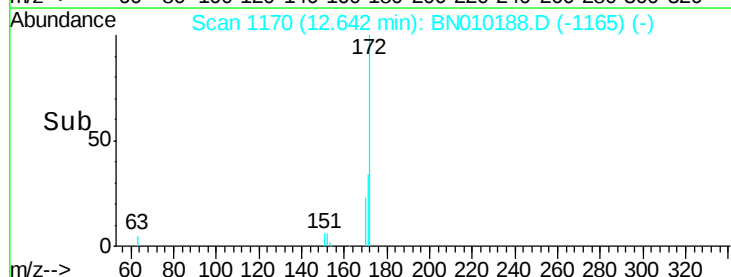
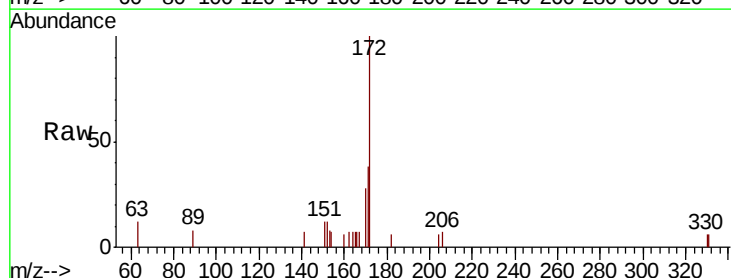
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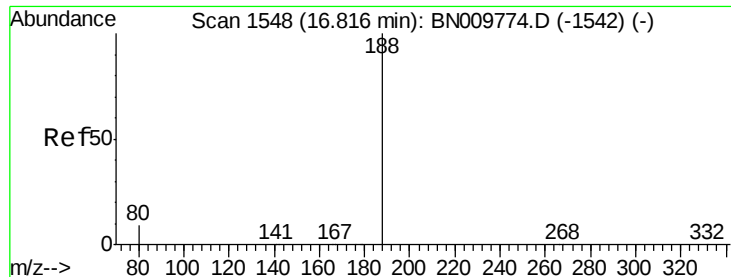
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#15
 2-Fluorobiphenyl
 Concen: 0.373 ng
 RT: 12.64 min Scan# 1170
 Delta R.T. -0.04 min
 Lab File: BN010188.D
 Acq: 11 Mar 2020 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1971		
171	38.5	28.7	43.1	
170	27.5	20.1	30.1	





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.80 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BN010188.D

Acq: 11 Mar 2020 12:21

Instrument :

BNA_N

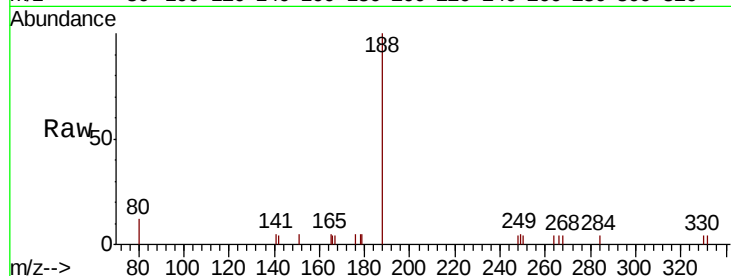
ClientSampleId :

RE139D1-20200306

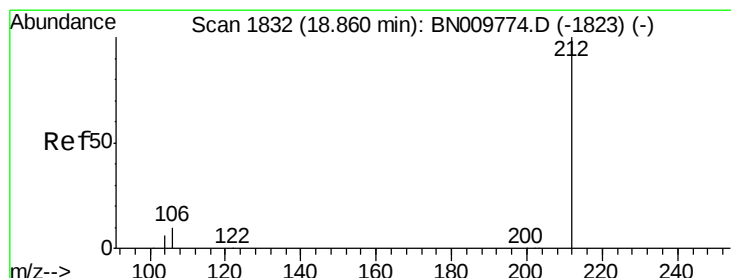
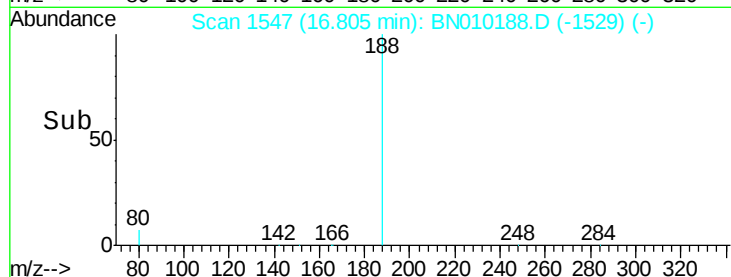
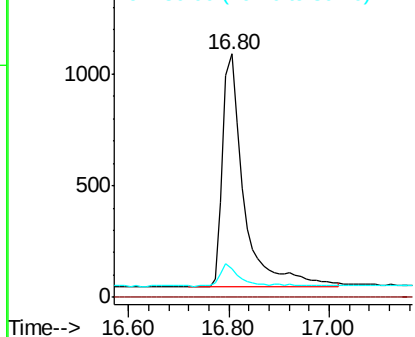
Tot Ion:	188	Resp:	3103
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.7	8.3	12.5

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



#25

Fluoranthene-d10

Concen: 0.316 ng

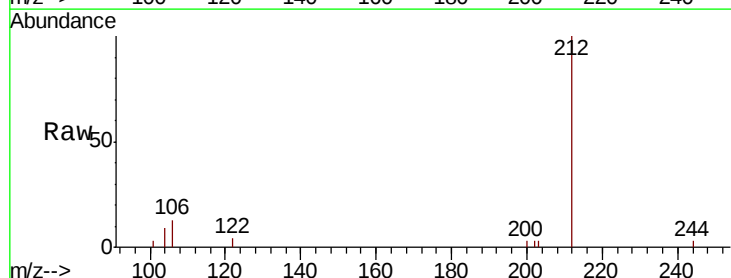
RT: 18.83 min Scan# 1826

Delta R.T. -0.03 min

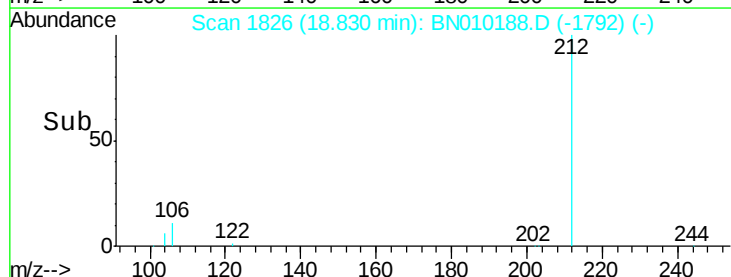
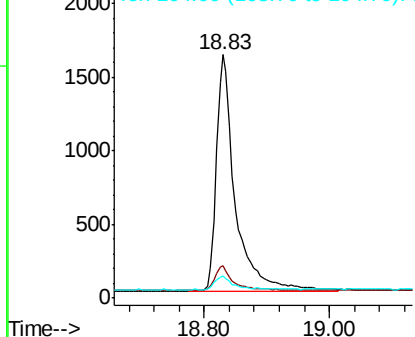
Lab File: BN010188.D

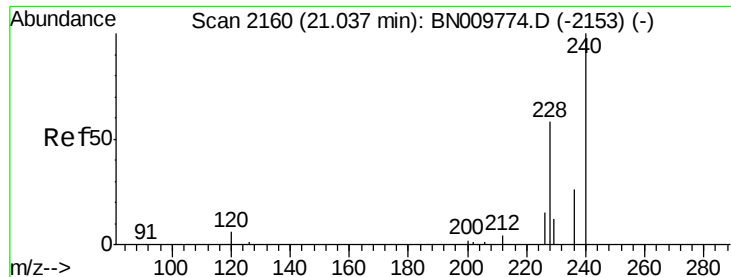
Acq: 11 Mar 2020 12:21

Tgt Ion:	212	Resp:	3394
Ion Ratio	Lower	Upper	
212	100		
106	9.8	8.4	12.6
104	6.0	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. -0.03 min

Lab File: BN010188.D

Acq: 11 Mar 2020 12:21

Instrument :

BNA_N

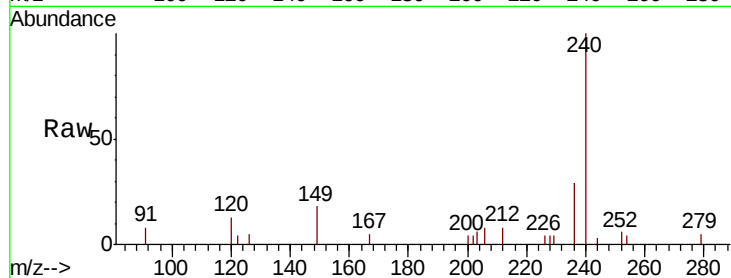
ClientSampleId :

RE139D1-20200306

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.4	7.9	11.9#
236	29.0	22.0	33.0

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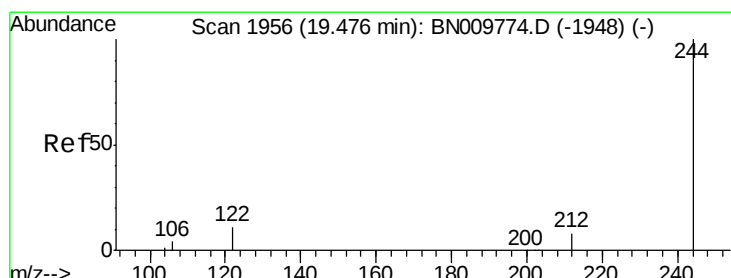
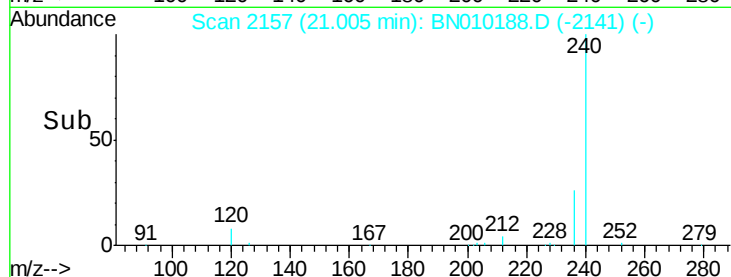
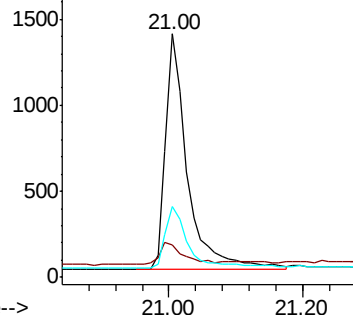


Abundance

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: 0.399 ng

RT: 19.43 min Scan# 1946

Delta R.T. -0.05 min

Lab File: BN010188.D

Acq: 11 Mar 2020 12:21

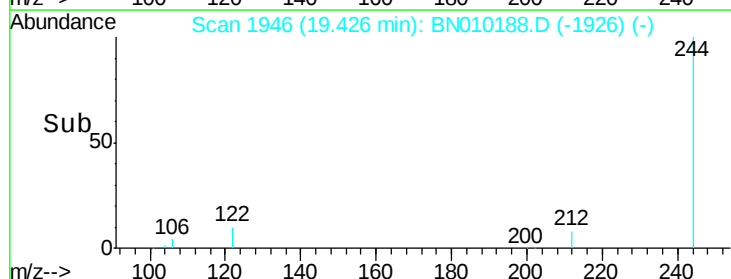
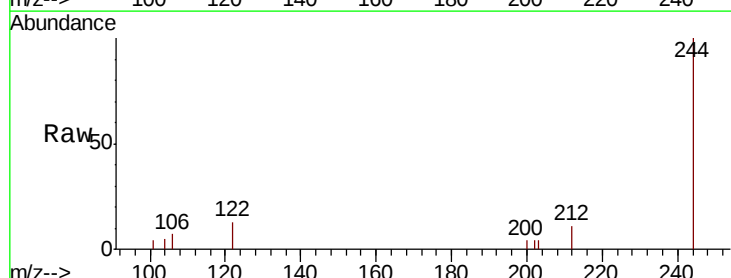
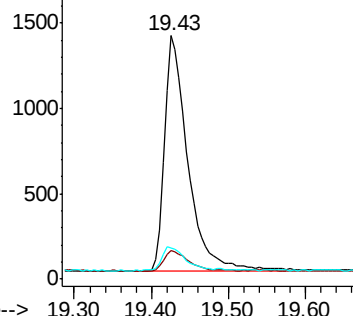
Tgt Ion	Ratio	Lower	Upper
244	100		
212	11.5	8.0	12.0
122	13.0	10.0	15.0

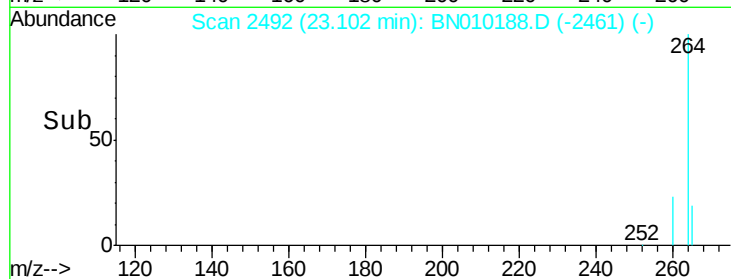
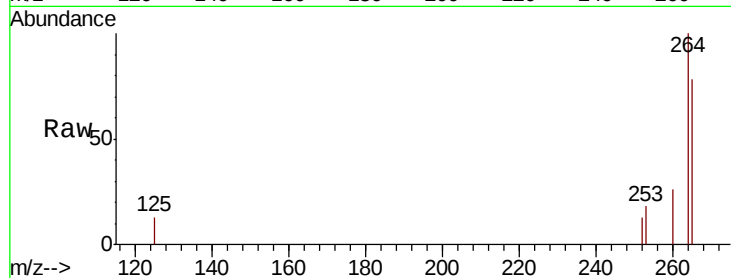
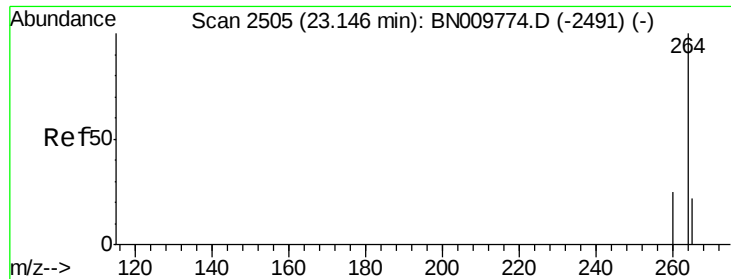
Abundance

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. -0.04 min
 Lab File: BN010188.D
 Acq: 11 Mar 2020 12:21

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.8	21.1	31.7
265	78.0	57.5	86.3

Instrument :
 BNA_N
 ClientSampleId :
 RE139D1-20200306

Manual Integrations
 APPROVED

mohammad
 3/11/2020 5:08:46 PM

