

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010183.D
 Acq On : 11 Mar 2020 09:20
 Operator : CG/JU
 Sample : L1842-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20200305

Manual Integrations
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mohammad
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Quant Time: Mar 11 15:36:08 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 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	924	0.40	ng	-0.04
7) Naphthalene-d8	10.16	136	2408	0.40	ng	-0.01
13) Acenaphthene-d10	14.00	164	1603	0.40	ng	-0.06
19) Phenanthrene-d10	16.79	188	3645	0.40	ng	-0.02
27) Chrysene-d12	21.00	240	3314	0.40	ng	-0.03
34) Perylene-d12	23.10	264	3699	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	328	0.16	ng	-0.02
5) Phenol-d6	6.59	99	329	0.13	ng	-0.06
8) Nitrobenzene-d5	8.66	82	795m	0.40	ng	0.06
11) 2-Methylnaphthalene-d10	11.76	152	1450	0.31	ng	-0.03
14) 2,4,6-Tribromophenol	15.57	330	190	0.31	ng	-0.01
15) 2-Fluorobiphenyl	12.63	172	2166	0.36	ng	-0.06
25) Fluoranthene-d10	18.83	212	3836	0.30	ng	-0.03
29) Terphenyl-d14	19.43	244	3380	0.43	ng	-0.05
Target Compounds						
2) 1,4-Dioxane	3.04	88	1354m	1.431	ng	Qvalue

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

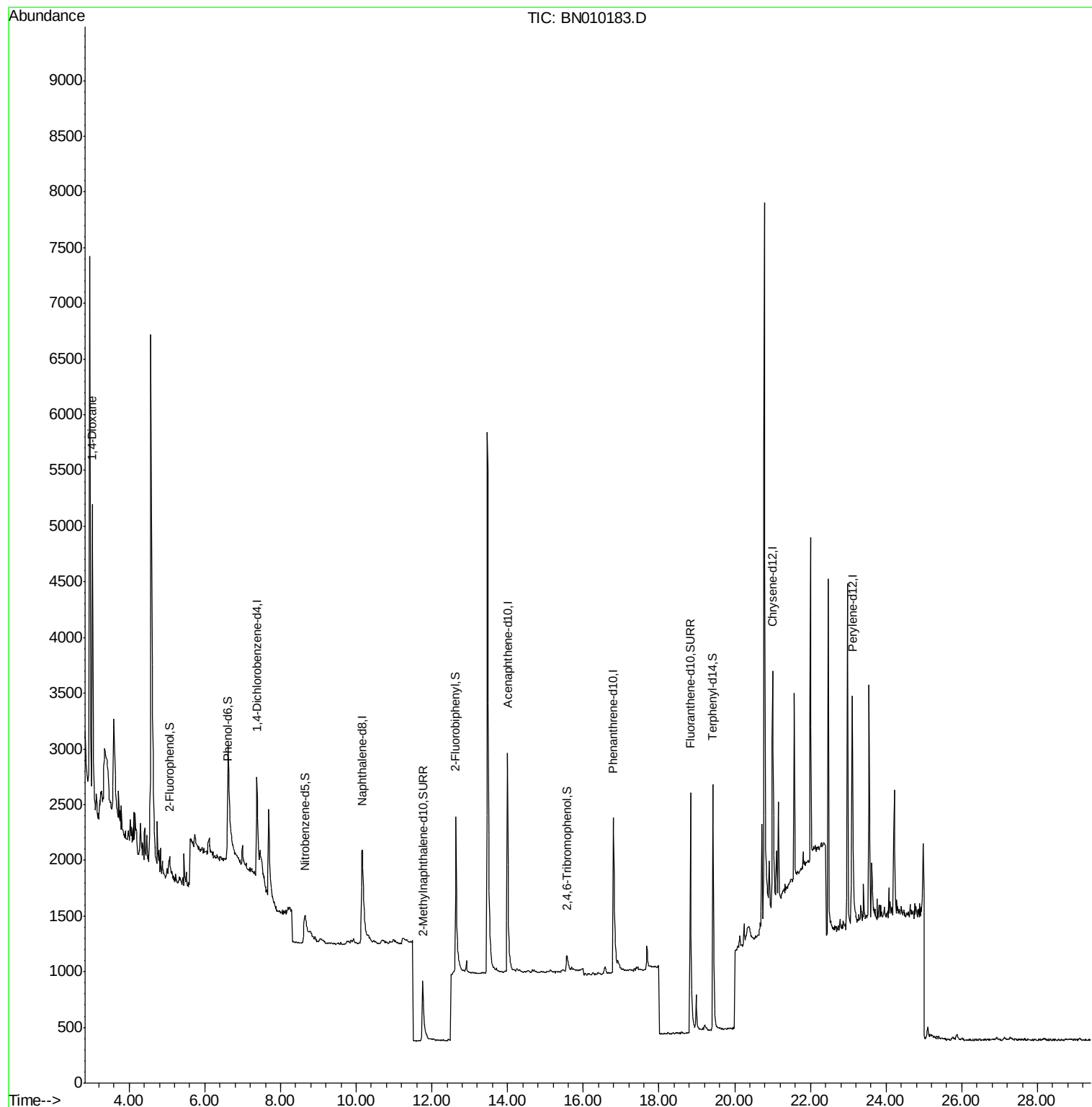
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
Data File : BN010183.D
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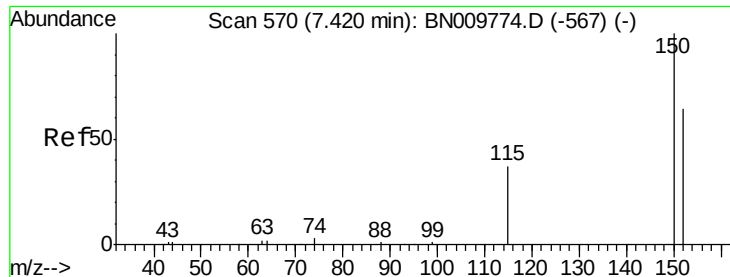
Instrument :
BNA_N
ClientSampleId :
RE134D4-20200305

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#1

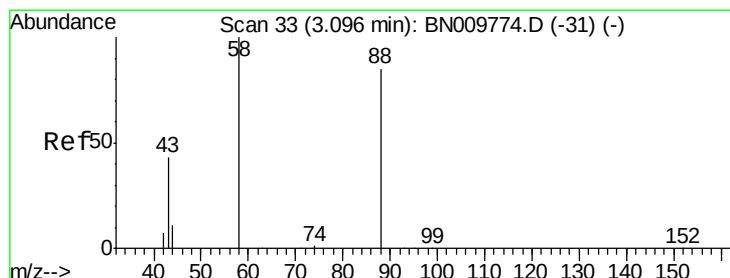
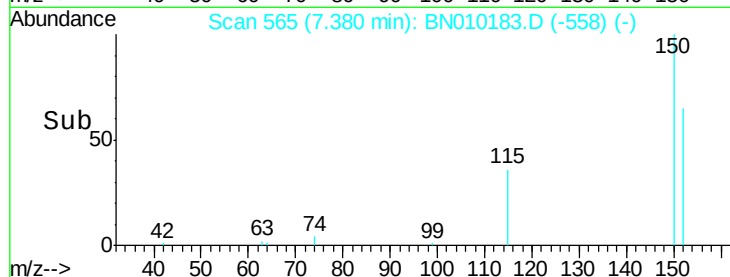
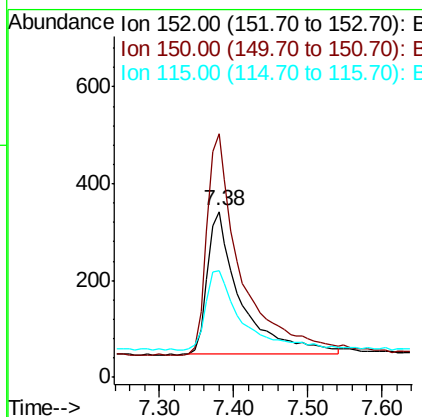
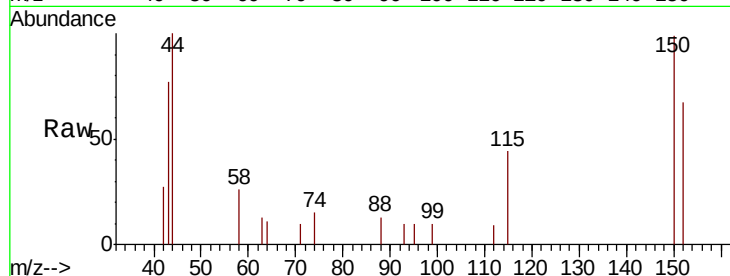
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 565
Delta R.T. -0.04 min
Lab File: BN010183.D
Acq: 11 Mar 2020 09:20

Instrument :
BNA_N
ClientSampleId :
RE134D4-20200305

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.1	120.6	181.0
115	64.6	51.2	76.8

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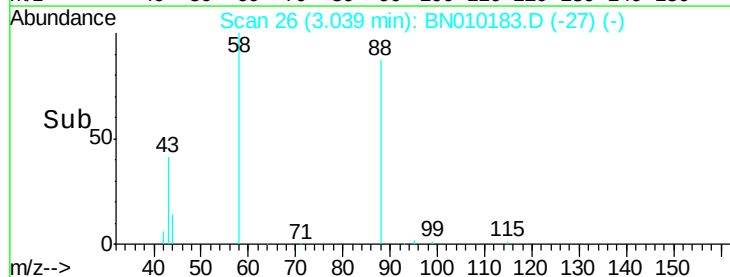
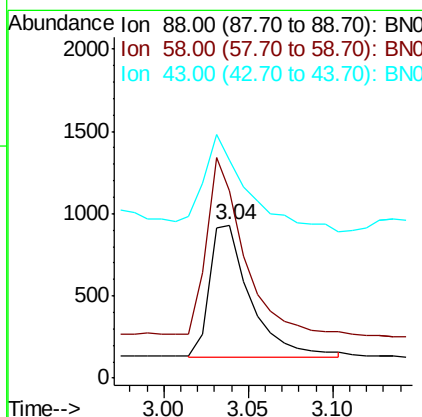
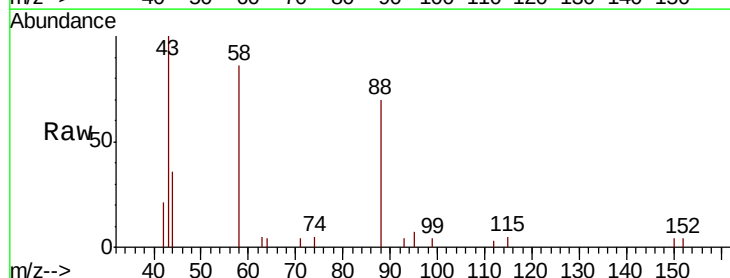
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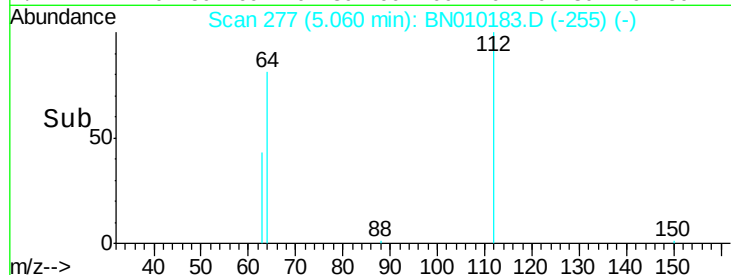
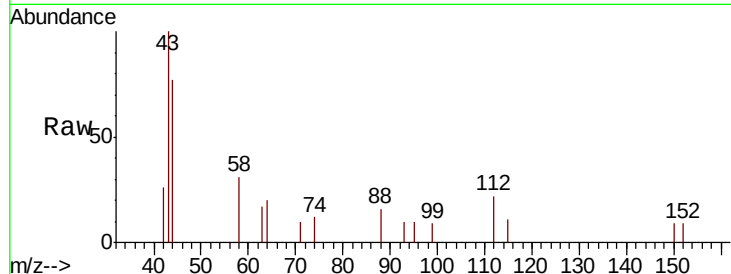
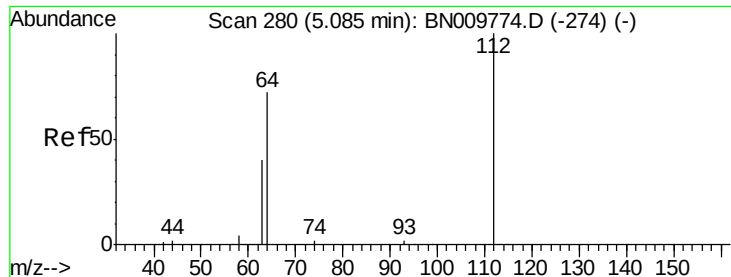


#2

1,4-Dioxane
Concen: 1.431 ng m
RT: 3.04 min Scan# 26
Delta R.T. -0.06 min
Lab File: BN010183.D
Acq: 11 Mar 2020 09:20

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





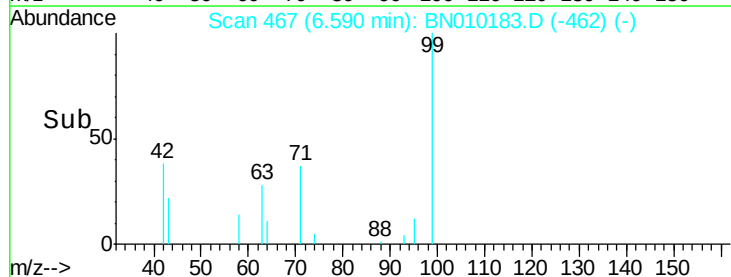
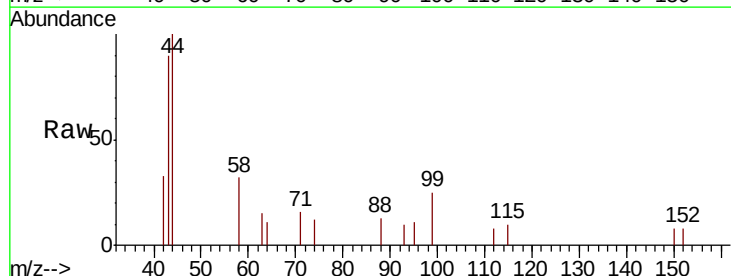
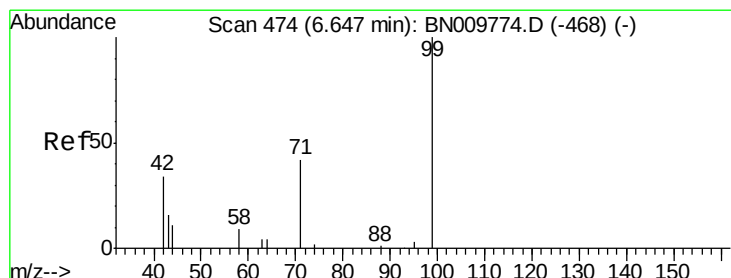
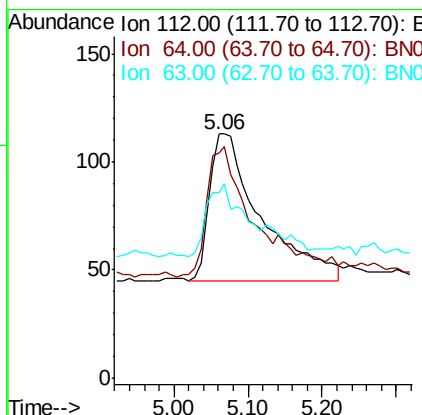
#4
2-Fluorophenol
Concen: 0.160 ng
RT: 5.06 min Scan# 277
Delta R.T. -0.02 min
Lab File: BN010183.D
Acq: 11 Mar 2020 09:20

Tot Ion	Ratio	Lower	Upper
112	100		
64	84.1	65.8	98.6
63	35.1	38.7	58.1#

Instrument :
BNA_N
ClientSampleId :
RE134D4-20200305

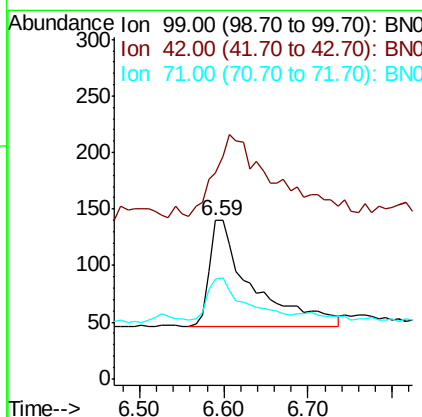
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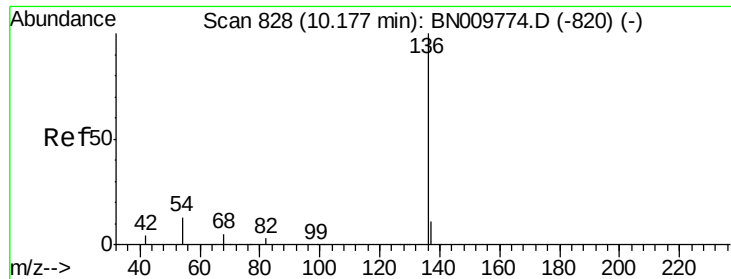
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#5
Phenol-d6
Concen: 0.132 ng
RT: 6.59 min Scan# 467
Delta R.T. -0.06 min
Lab File: BN010183.D
Acq: 11 Mar 2020 09:20

Tgt Ion	Ratio	Lower	Upper
99	100		
42	108.5	30.8	46.2#
71	33.4	34.9	52.3#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. -0.01 min

Lab File: BN010183.D

Acq: 11 Mar 2020 09:20

Instrument :

BNA_N

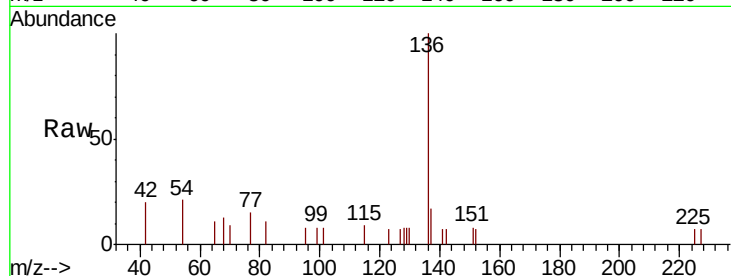
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RE134D4-20200305

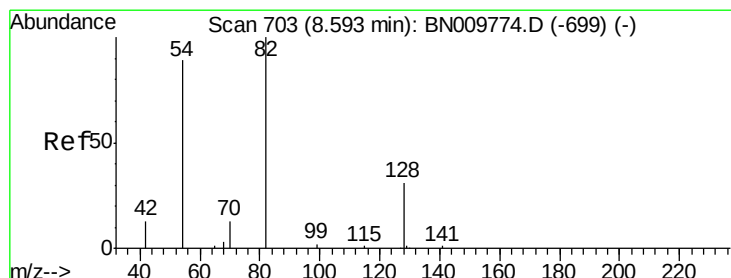
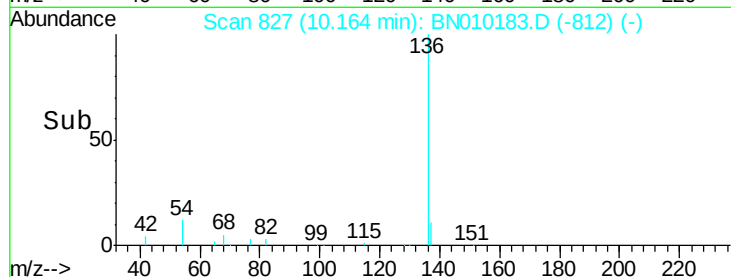
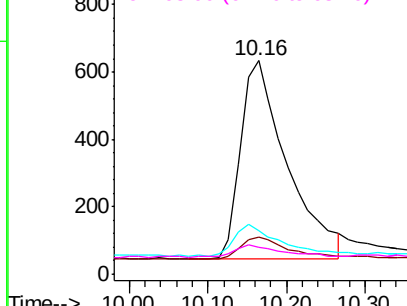
Tot Ion	136	Resp	2408
Ion Ratio	Lower	Upper	
136	100		
137	17.4	11.3	16.9#
54	20.5	13.4	20.2#
68	12.6	7.0	10.4#

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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: 0.397 ng m

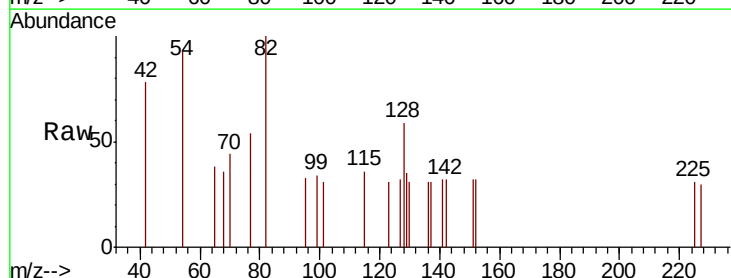
RT: 8.66 min Scan# 708

Delta R.T. 0.06 min

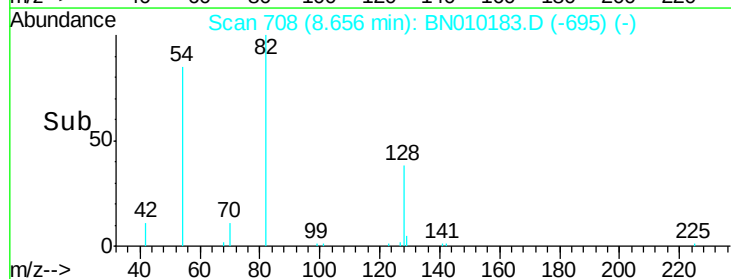
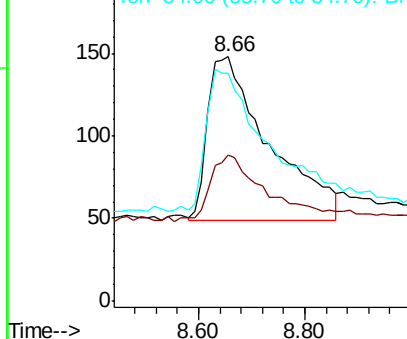
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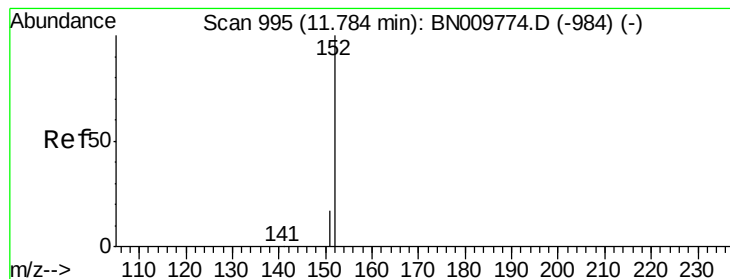
Acq: 11 Mar 2020 09:20

Tgt Ion	82	Resp	795
Ion Ratio	Lower	Upper	
82	100		
128	59.5	32.5	48.7#
54	93.2	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





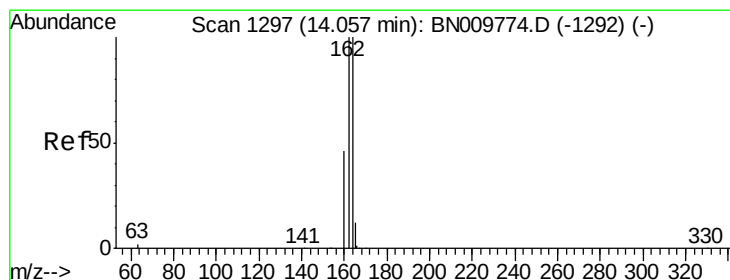
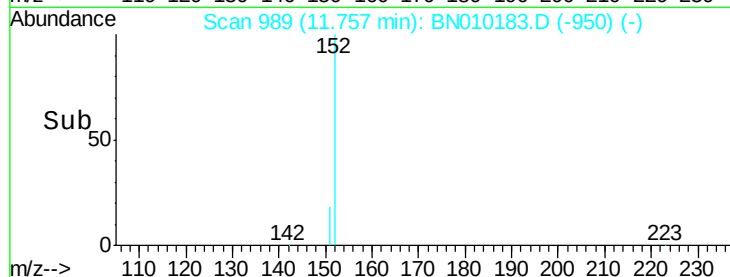
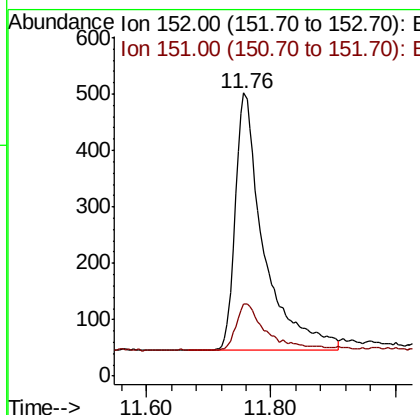
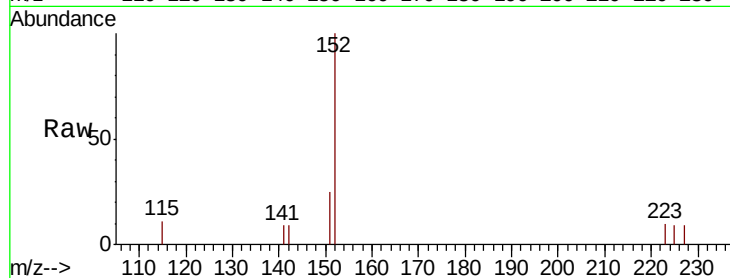
#11
2-Methylnaphthalene-d10
Concen: 0.311 ng
RT: 11.76 min Scan# 989
Delta R.T. -0.03 min
Lab File: BN010183.D
Acq: 11 Mar 2020 09:20

Instrument :
BNA_N
ClientSampleId :
RE134D4-20200305

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.1	22.7

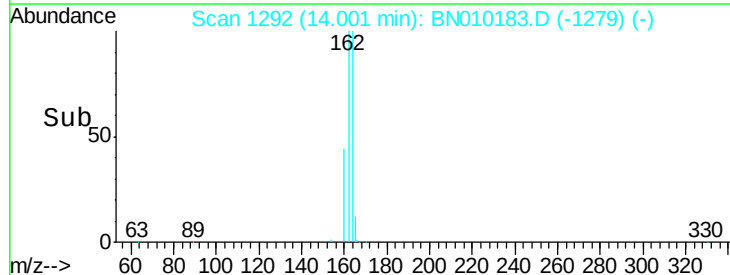
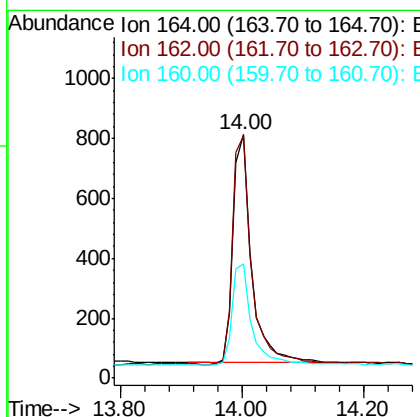
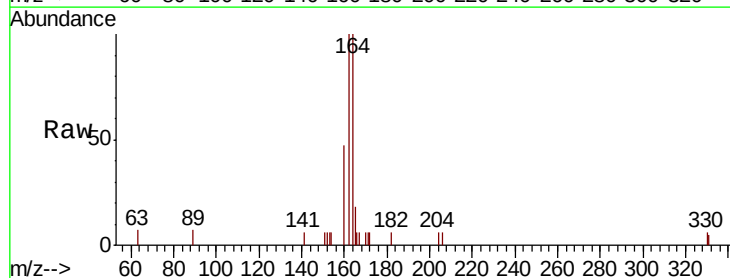
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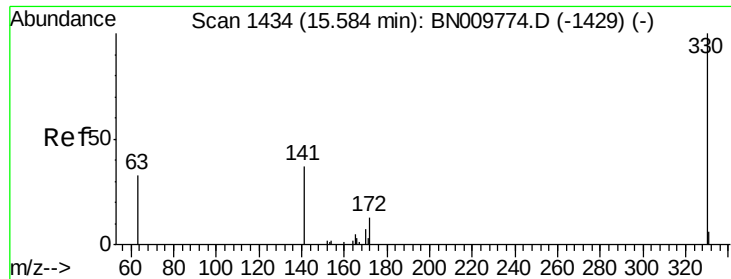
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1292
Delta R.T. -0.06 min
Lab File: BN010183.D
Acq: 11 Mar 2020 09:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.9	119.9
160	46.9	38.2	57.2





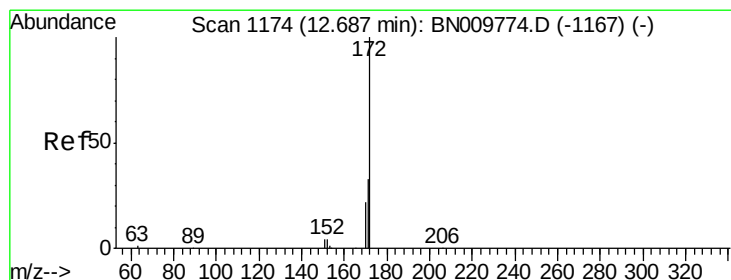
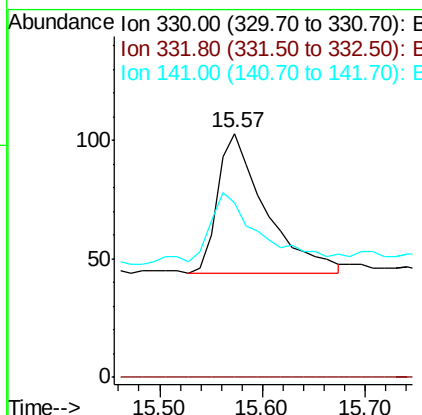
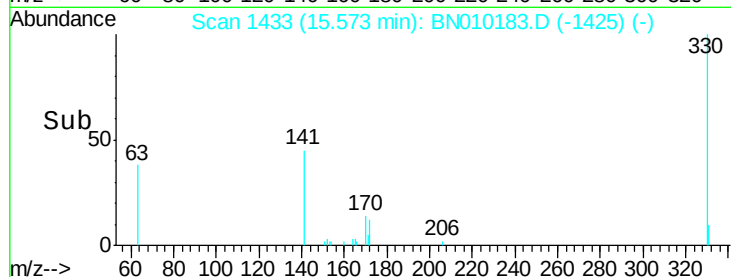
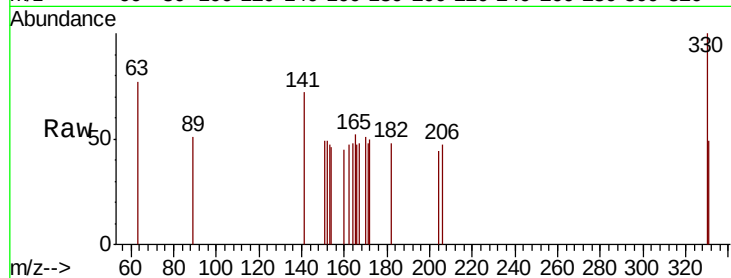
#14
 2,4,6-Tribromophenol
 Concen: 0.308 ng
 RT: 15.57 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BN010183.D
 Acq: 11 Mar 2020 09:20

Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20200305

Tot Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	54.7	36.8	55.2

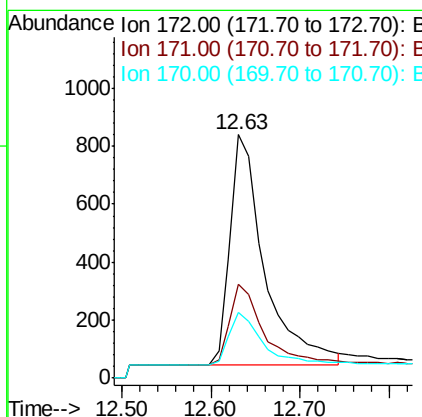
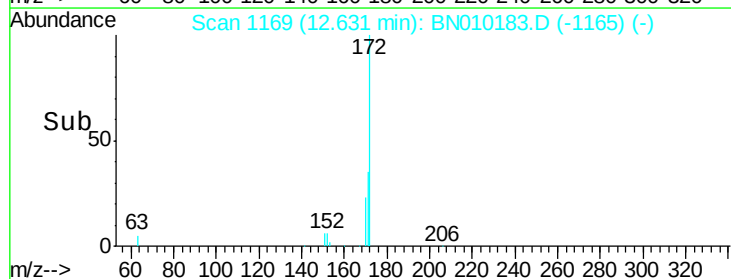
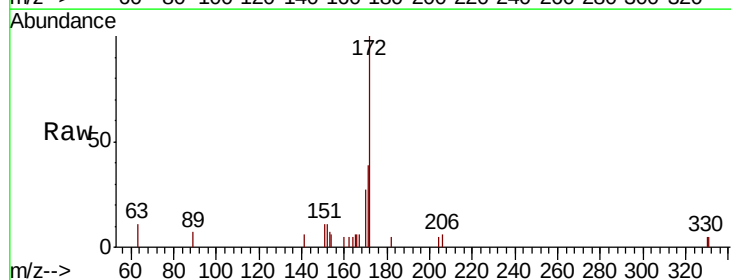
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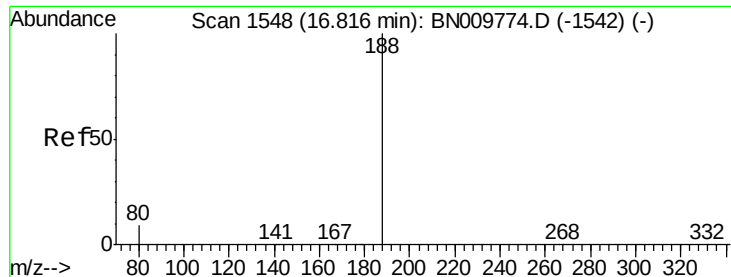
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#15
 2-Fluorobiphenyl
 Concen: 0.358 ng
 RT: 12.63 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BN010183.D
 Acq: 11 Mar 2020 09:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	28.7	43.1
170	27.1	20.1	30.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.79 min Scan# 1546

Delta R.T. -0.02 min

Lab File: BN010183.D

Acq: 11 Mar 2020 09:20

Instrument :

BNA_N

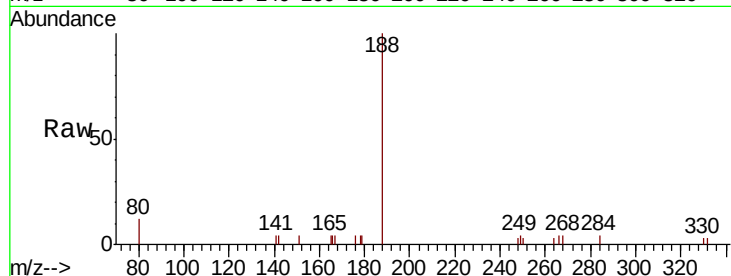
ClientSampleId :

RE134D4-20200305

Tot Ion:	188	Resp:	3645
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.5	8.3	12.5#

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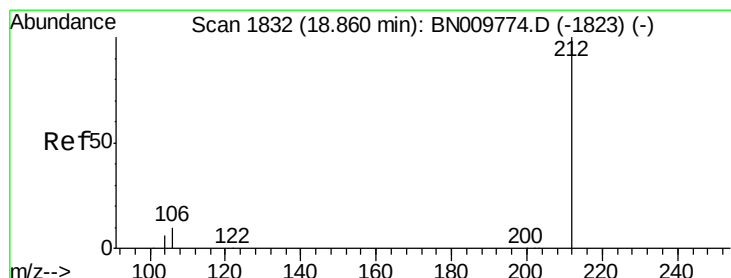
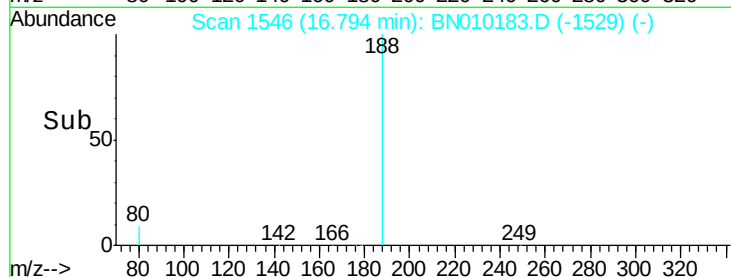
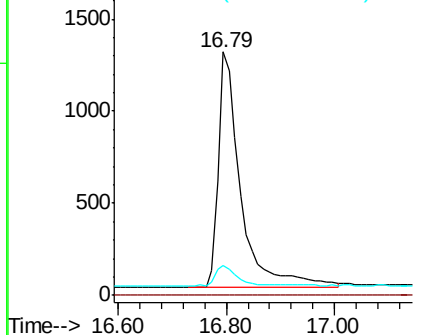
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#25

Fluoranthene-d10

Concen: 0.304 ng

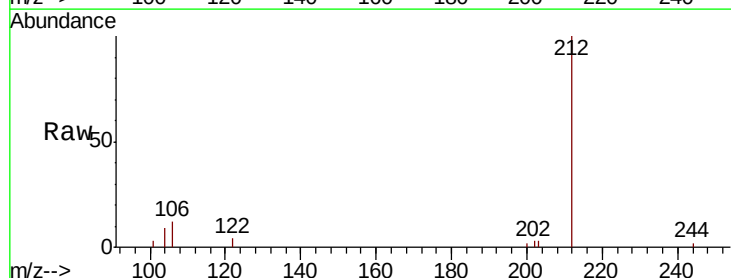
RT: 18.83 min Scan# 1826

Delta R.T. -0.03 min

Lab File: BN010183.D

Acq: 11 Mar 2020 09:20

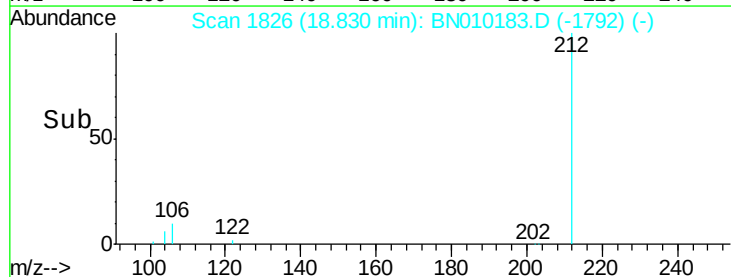
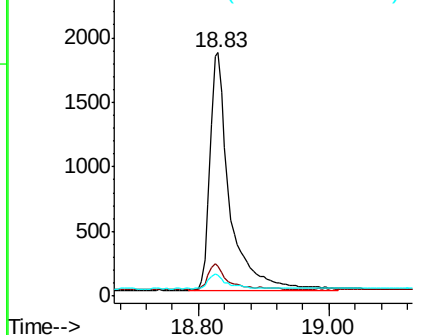
Tgt Ion:	212	Resp:	3836
Ion Ratio	Lower	Upper	
212	100		
106	10.3	8.4	12.6
104	6.1	4.8	7.2

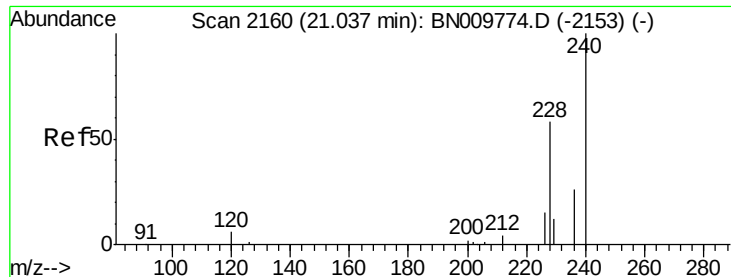


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





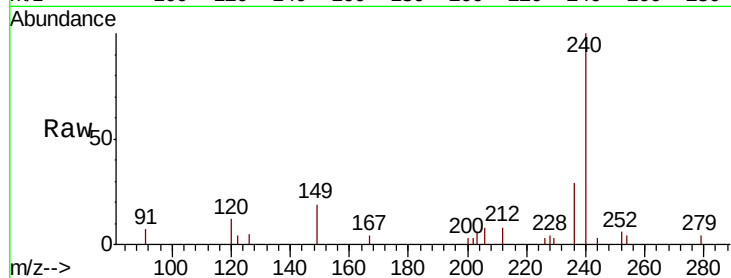
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.03 min
Lab File: BN010183.D
Acq: 11 Mar 2020 09:20

Instrument :
BNA_N
ClientSampleId :
RE134D4-20200305

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.4	7.9	11.9#
236	28.9	22.0	33.0

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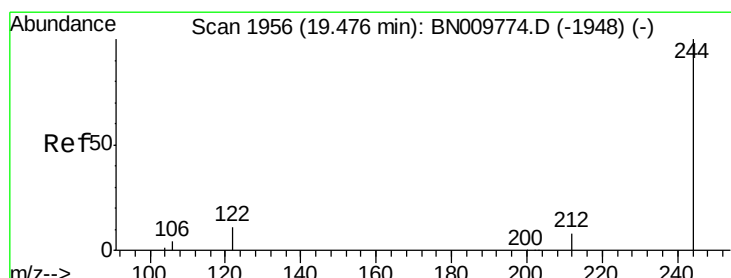
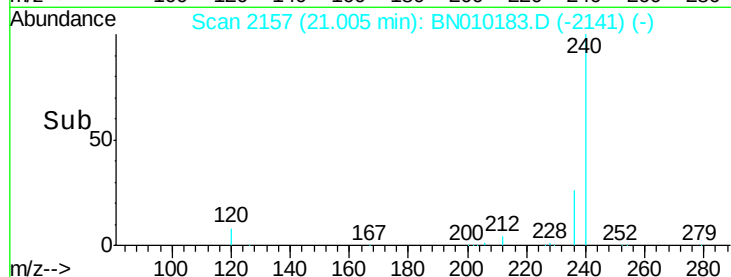
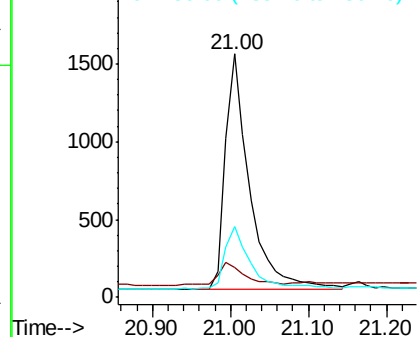


Abundance

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: 0.427 ng
RT: 19.43 min Scan# 1946
Delta R.T. -0.05 min
Lab File: BN010183.D
Acq: 11 Mar 2020 09:20

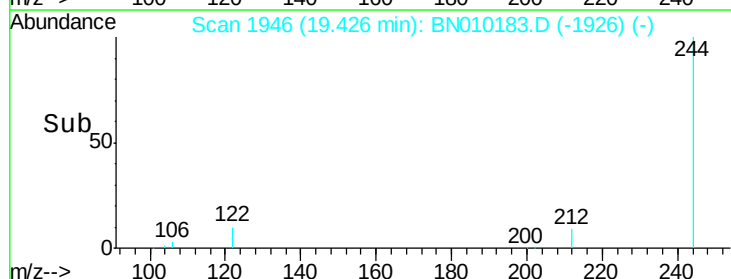
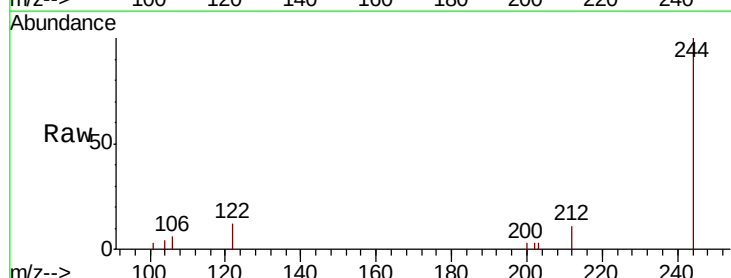
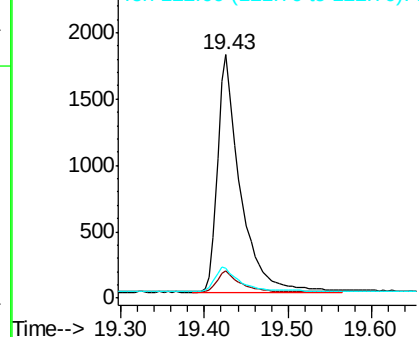
Tgt Ion	Ratio	Lower	Upper
244	100		
212	11.2	8.0	12.0
122	12.3	10.0	15.0

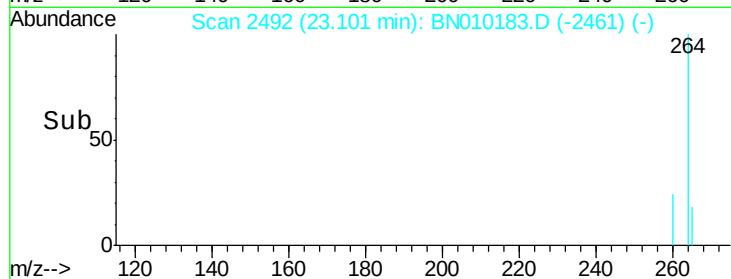
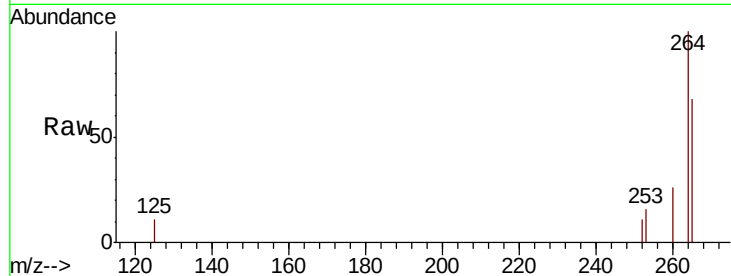
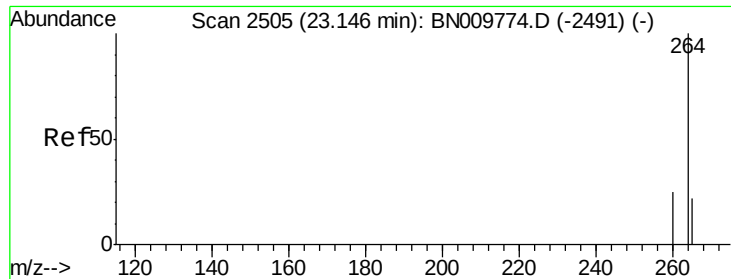
Abundance

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: BN010183.D
 Acq: 11 Mar 2020 09:20

Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20200305

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.4	21.1	31.7
265	68.4	57.5	86.3

Manual Integrations
 APPROVED

mohammad
 3/11/2020 5:08:29 PM

