

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010187.D
 Acq On : 11 Mar 2020 11:44
 Operator : CG/JU
 Sample : L1842-26
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20200306

Manual Integrations
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Quant Time: Mar 11 15:40:16 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	7.37	152	753	0.40	ng	-0.05
7) Naphthalene-d8	10.16	136	2776m	0.40	ng	-0.01
13) Acenaphthene-d10	14.00	164	1577	0.40	ng	-0.06
19) Phenanthrene-d10	16.80	188	3807	0.40	ng	-0.01
27) Chrysene-d12	21.00	240	3779	0.40	ng	-0.03
34) Perylene-d12	23.11	264	3470	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	311	0.19	ng	-0.02
5) Phenol-d6	6.60	99	247	0.12	ng	-0.05
8) Nitrobenzene-d5	8.64	82	897m	0.39	ng	0.05
11) 2-Methylnaphthalene-d10	11.76	152	1529	0.28	ng	-0.02
14) 2,4,6-Tribromophenol	15.58	330	170	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	2332	0.39	ng	-0.04
25) Fluoranthene-d10	18.83	212	5503	0.42	ng	-0.03
29) Terphenyl-d14	19.43	244	4686	0.52	ng	-0.05
Target Compounds						
2) 1,4-Dioxane	3.04	88	844m	1.094	ng	Qvalue

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

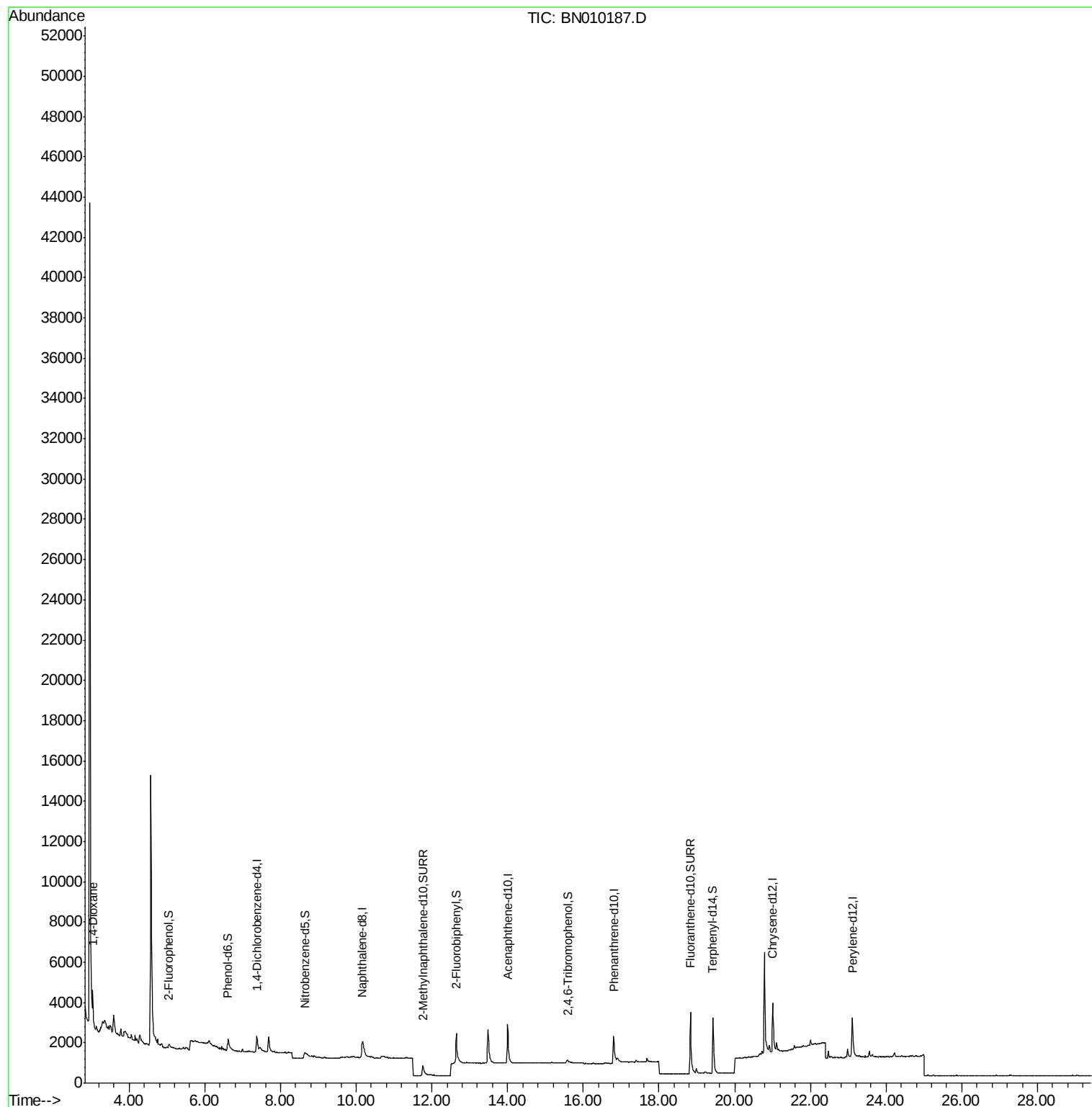
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
Data File : BN010187.D
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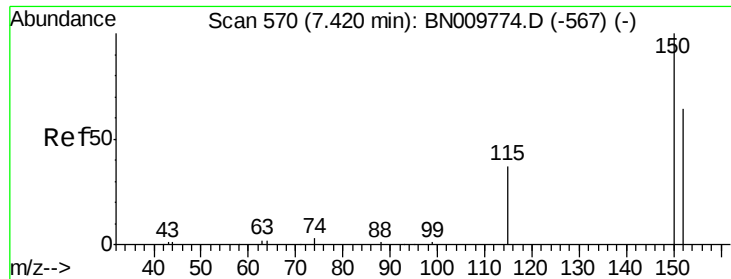
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#1

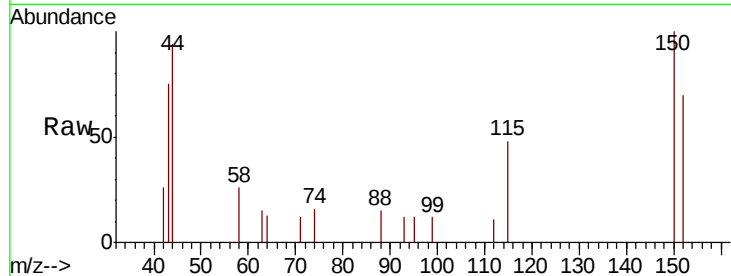
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 564
Delta R.T. -0.05 min
Lab File: BN010187.D
Acq: 11 Mar 2020 11:44

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200306

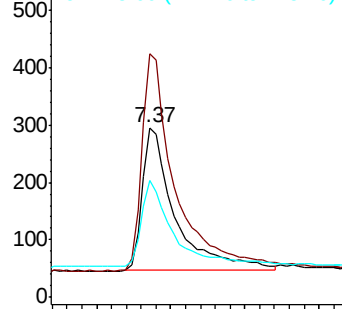
Tot Ion	Ratio	Lower	Upper
152	100		
150	143.2	120.6	181.0
115	68.6	51.2	76.8

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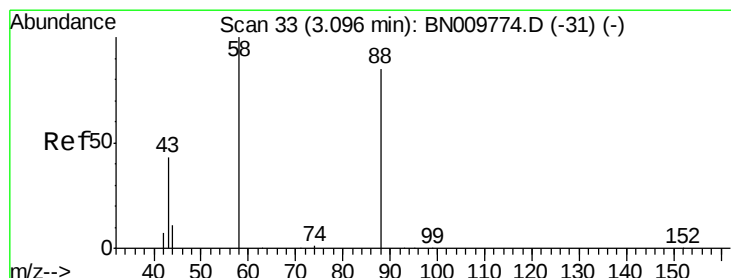
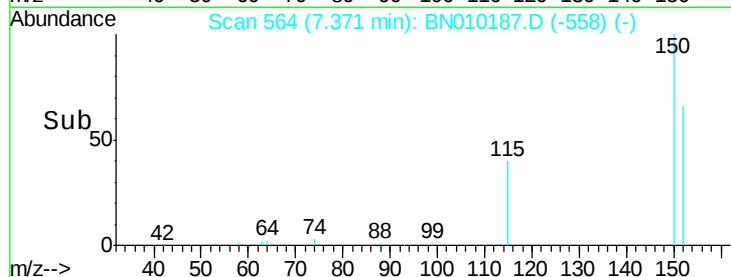
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



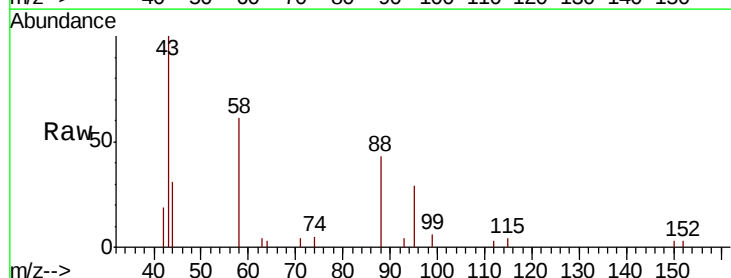
Time-->



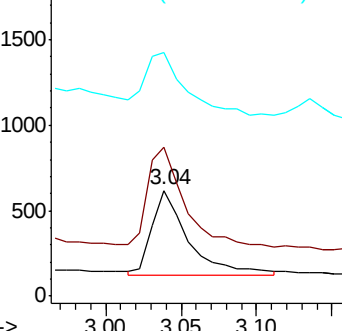
#2

1,4-Dioxane
Concen: 1.094 ng m
RT: 3.04 min Scan# 26
Delta R.T. -0.06 min
Lab File: BN010187.D
Acq: 11 Mar 2020 11:44

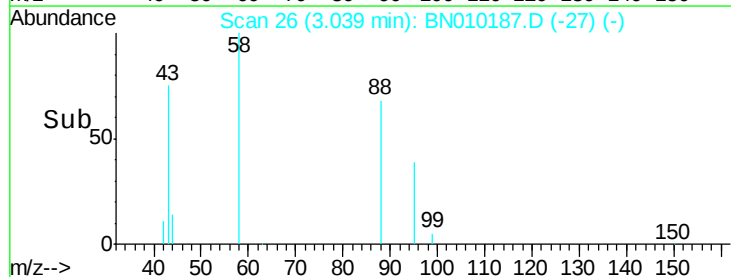
Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	97.8	146.8#
43	0.0	45.1	67.7#

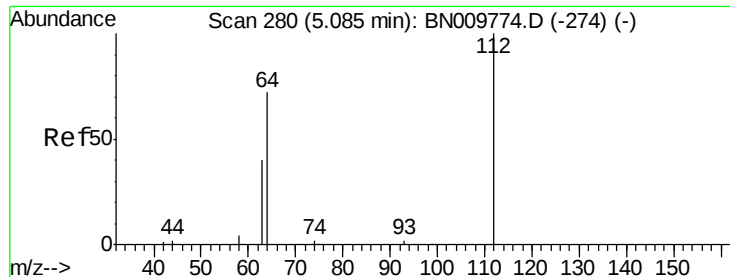


Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC



Time-->





#4

2-Fluorophenol

Concen: 0.186 ng

RT: 5.06 min Scan# 277

Delta R.T. -0.02 min

Lab File: BN010187.D

Acq: 11 Mar 2020 11:44

Instrument :

BNA_N

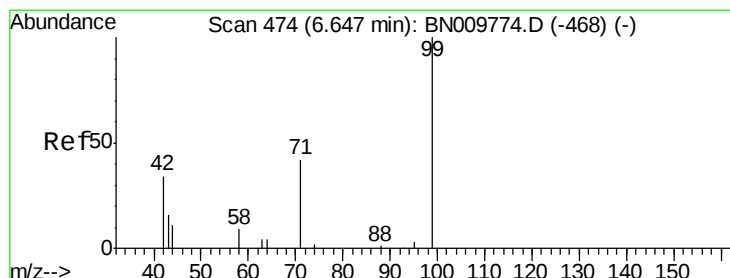
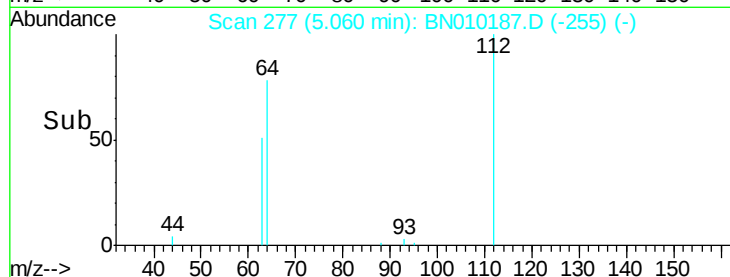
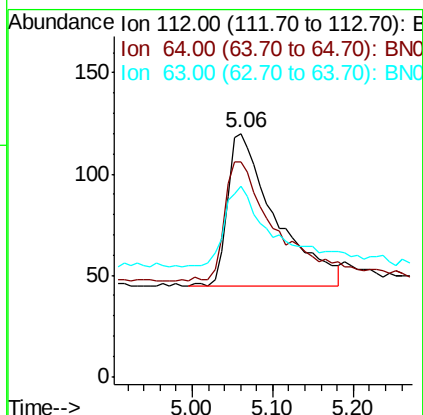
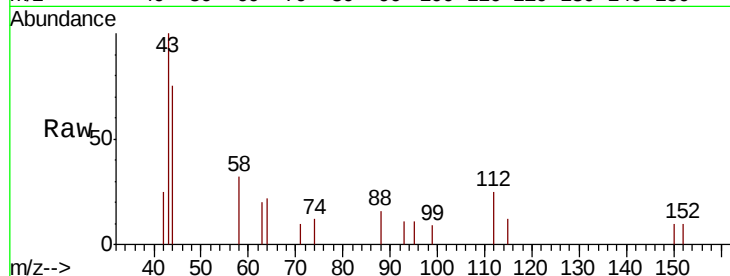
ClientSampleId :

RE139D2-20200306

Tot Ion:	112	Resp:	311
Ion Ratio	Lower	Upper	
112	100		
64	87.8	65.8	98.6
63	52.4	38.7	58.1

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#5

Phenol-d6

Concen: 0.121 ng

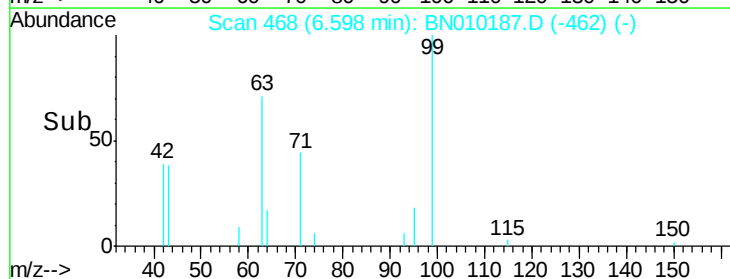
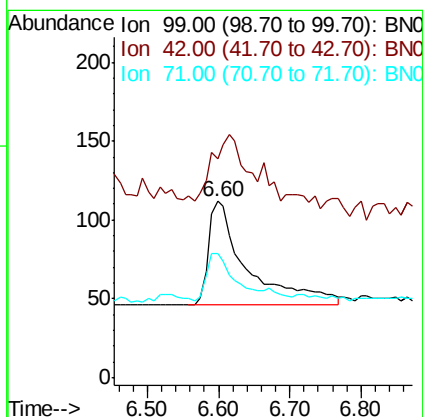
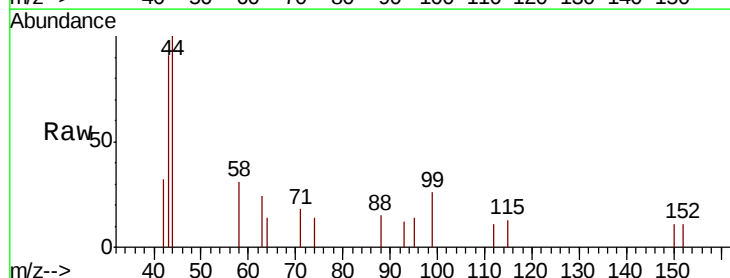
RT: 6.60 min Scan# 468

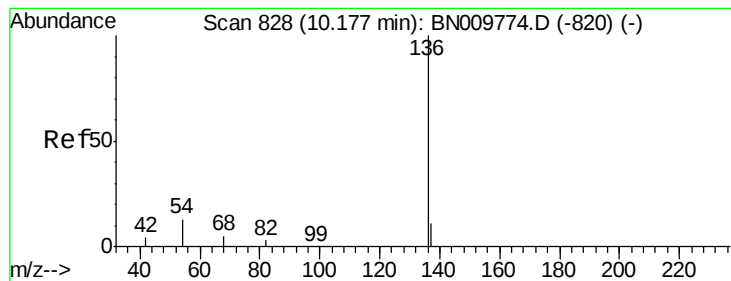
Delta R.T. -0.05 min

Lab File: BN010187.D

Acq: 11 Mar 2020 11:44

Tgt Ion:	99	Resp:	247
Ion Ratio	Lower	Upper	
99	100		
42	0.0	30.8	46.2#
71	32.0	34.9	52.3#





#7

Naphthalene-d8

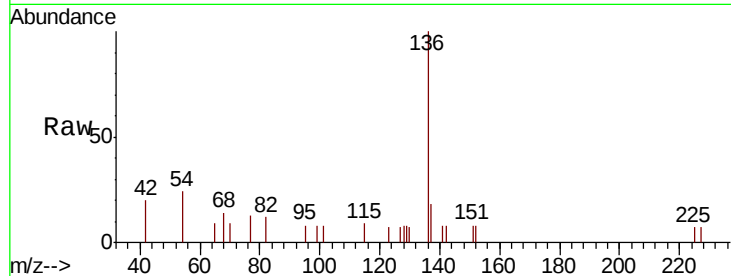
Concen: 0.400 ng m
RT: 10.16 min Scan# 827
Delta R.T. -0.01 min
Lab File: BN010187.D
Acq: 11 Mar 2020 11:44

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200306

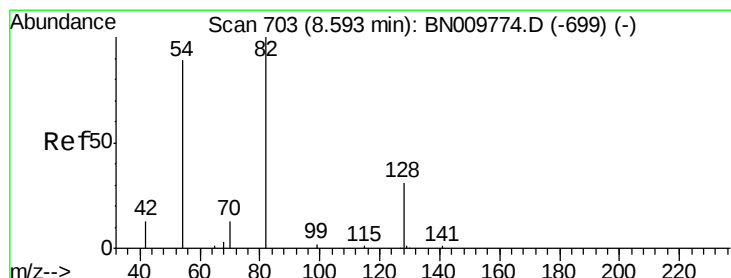
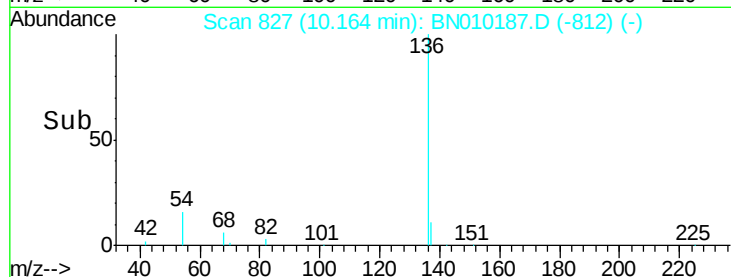
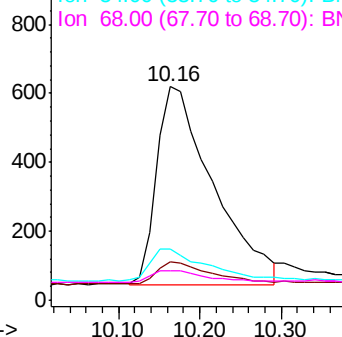
Tot Ion	136	Resp:	2776
Ion	Ratio	Lower	Upper
136	100		
137	17.7	11.3	16.9#
54	23.9	13.4	20.2#
68	13.7	7.0	10.4#

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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

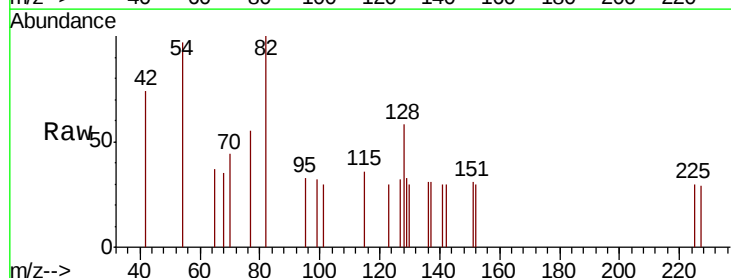


#8

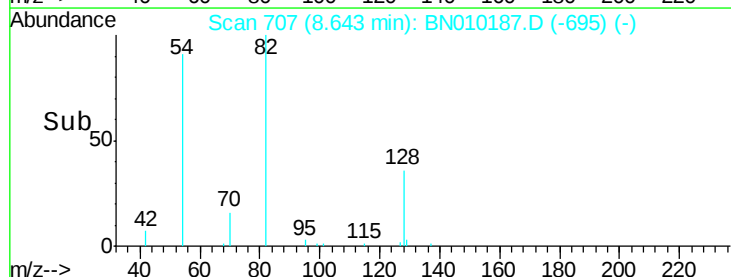
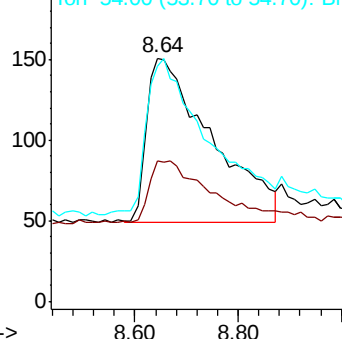
Nitrobenzene-d5

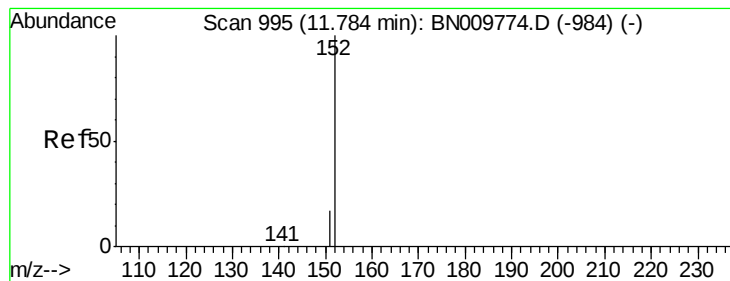
Concen: 0.388 ng m
RT: 8.64 min Scan# 707
Delta R.T. 0.05 min
Lab File: BN010187.D
Acq: 11 Mar 2020 11:44

Tgt Ion	82	Resp:	897
Ion	Ratio	Lower	Upper
82	100		
128	57.6	32.5	48.7#
54	96.7	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





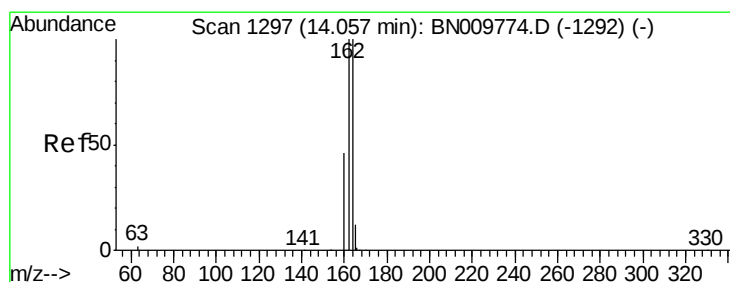
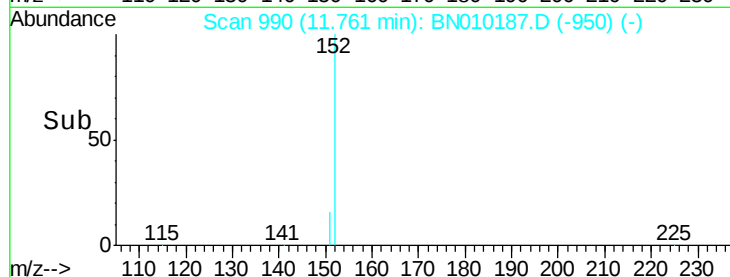
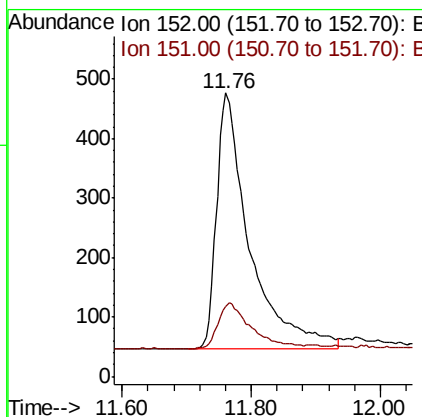
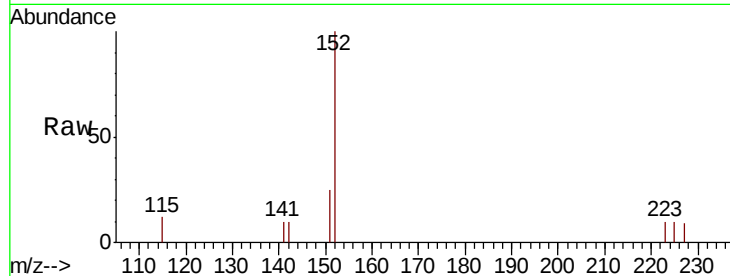
#11
2-Methylnaphthalene-d10
Concen: 0.285 ng
RT: 11.76 min Scan# 990
Delta R.T. -0.02 min
Lab File: BN010187.D
Acq: 11 Mar 2020 11:44

Instrument :
BNA_N
ClientSampleId :
RE139D2-20200306

Tot Ion	Ratio	Lower	Upper
152	100		
151	17.9	15.1	22.7

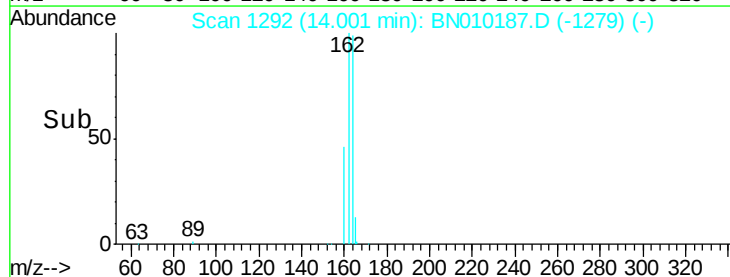
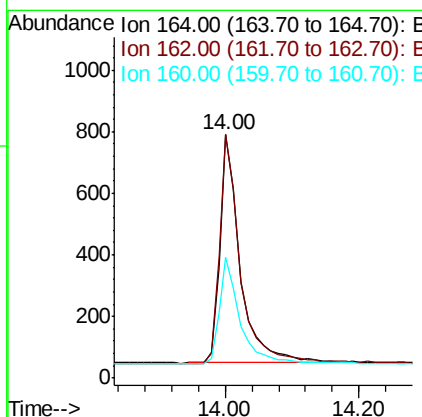
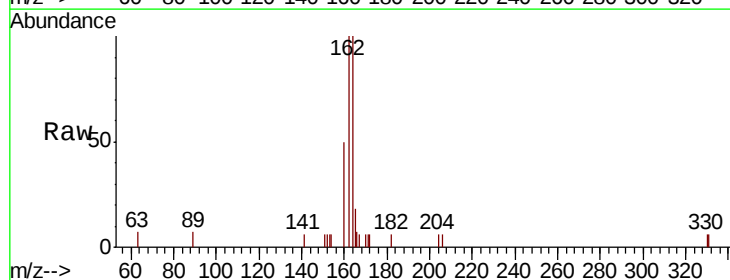
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1292
Delta R.T. -0.06 min
Lab File: BN010187.D
Acq: 11 Mar 2020 11:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.1	79.9	119.9
160	49.6	38.2	57.2





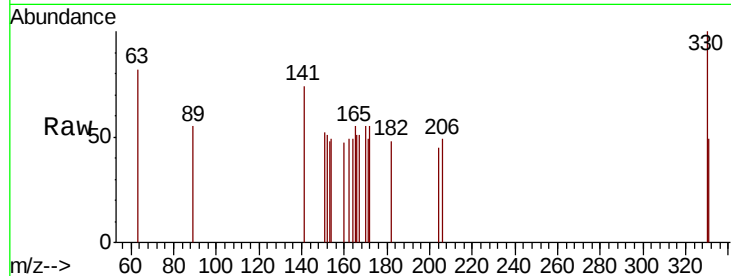
#14
 2,4,6-Tribromophenol
 Concen: 0.280 ng
 RT: 15.58 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BN010187.D
 Acq: 11 Mar 2020 11:44

Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20200306

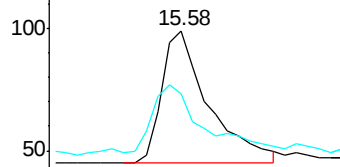
Tot Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	63.5	36.8	55.2

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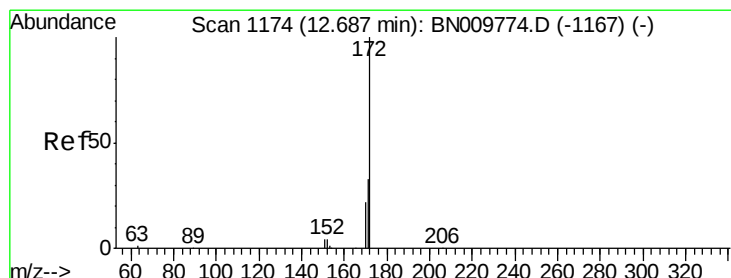
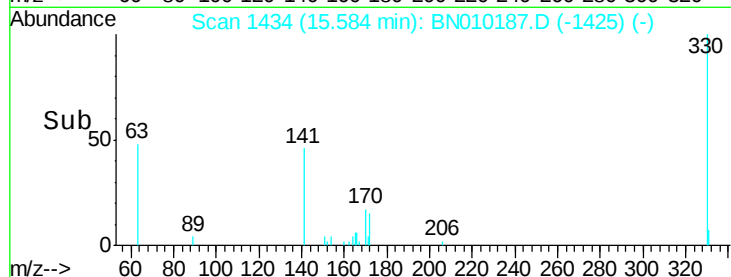
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Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



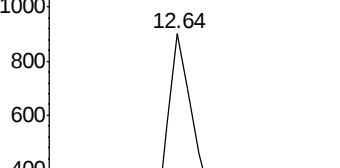
Time-->



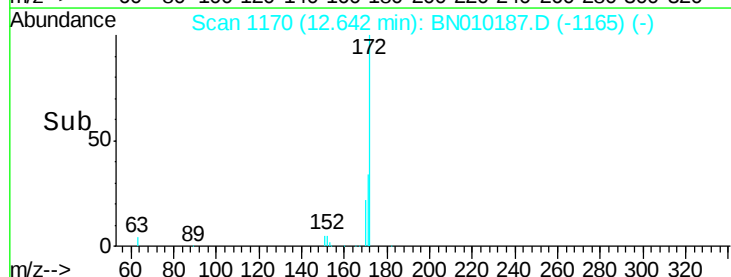
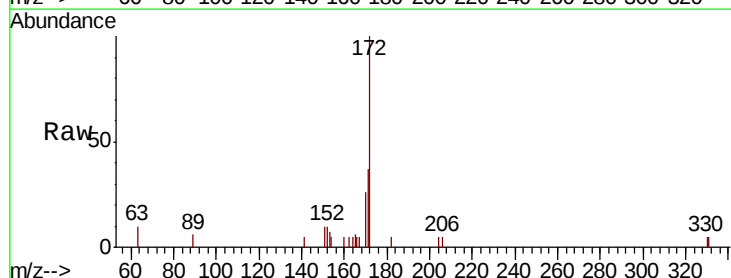
#15
 2-Fluorobiphenyl
 Concen: 0.392 ng
 RT: 12.64 min Scan# 1170
 Delta R.T. -0.04 min
 Lab File: BN010187.D
 Acq: 11 Mar 2020 11:44

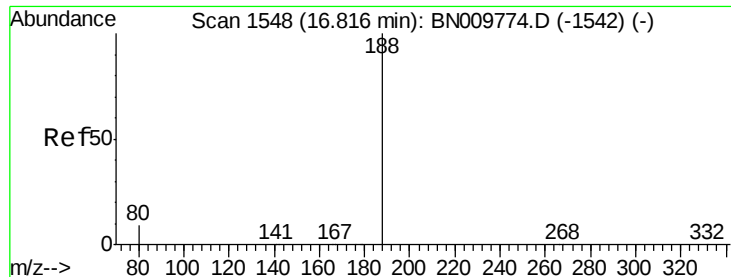
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.7	43.1
170	25.9	20.1	30.1

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



Time-->





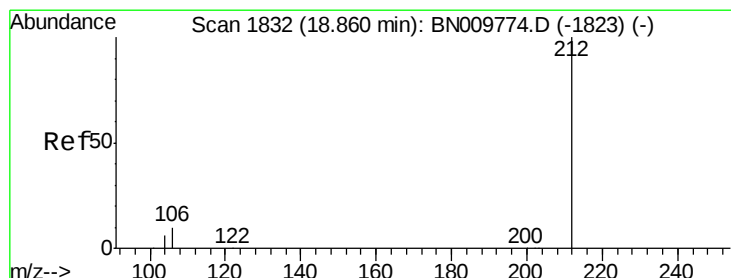
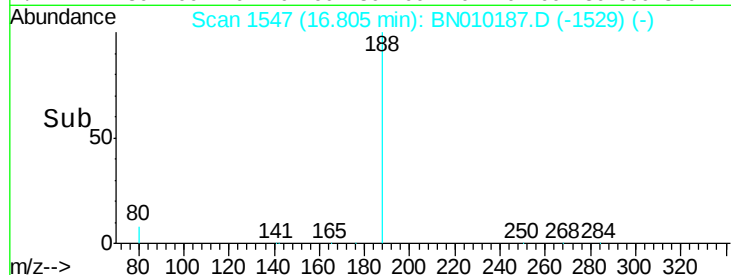
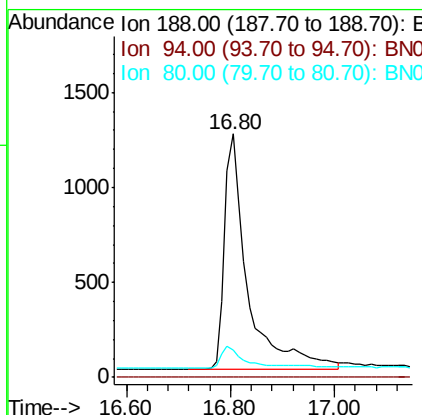
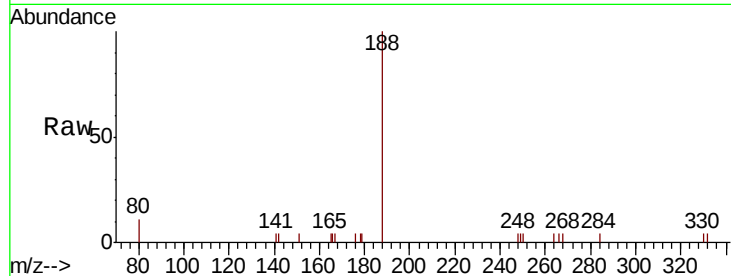
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BN010187.D
Acq: 11 Mar 2020 11:44

Instrument :
BNA_N
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RE139D2-20200306

Tot Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.5	8.3	12.5

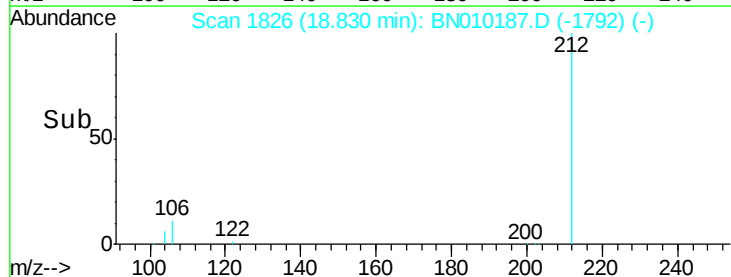
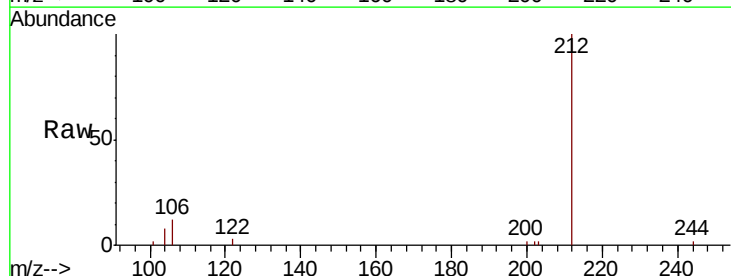
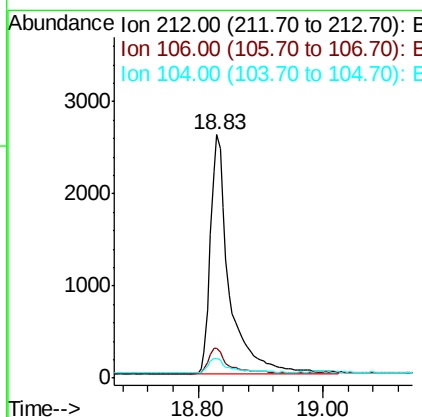
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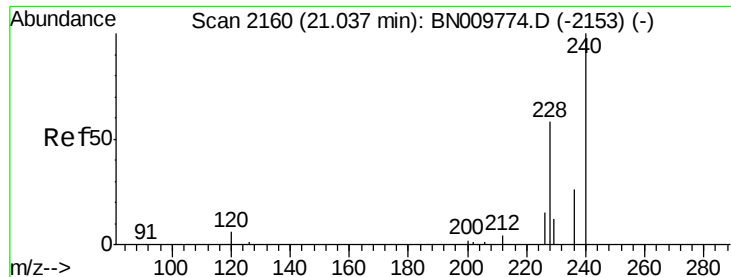
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#25
Fluoranthene-d10
Concen: 0.418 ng
RT: 18.83 min Scan# 1826
Delta R.T. -0.03 min
Lab File: BN010187.D
Acq: 11 Mar 2020 11:44

Tgt Ion	Ratio	Lower	Upper
212	100		
106	10.7	8.4	12.6
104	6.6	4.8	7.2





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.03 min

Lab File: BN010187.D

Acq: 11 Mar 2020 11:44

Instrument :

BNA_N

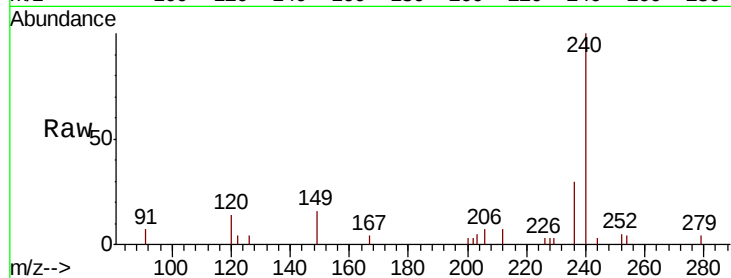
ClientSampleId :

RE139D2-20200306

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.8	7.9	11.9#
236	29.6	22.0	33.0

Manual Integrations
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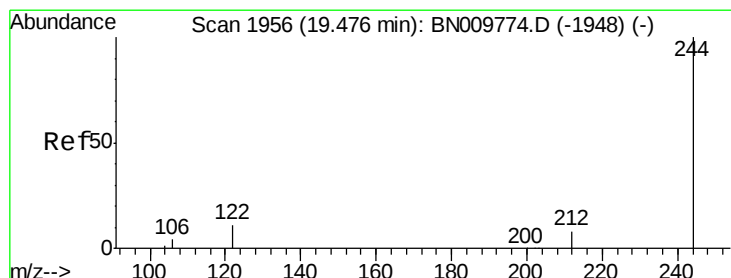
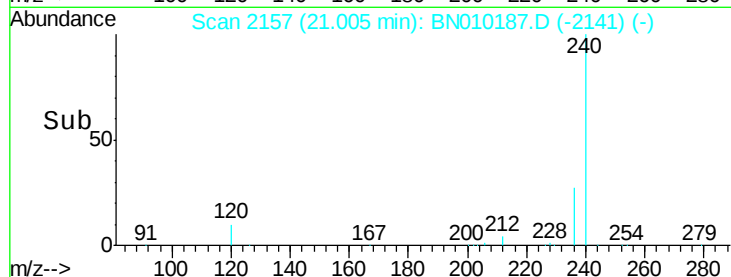
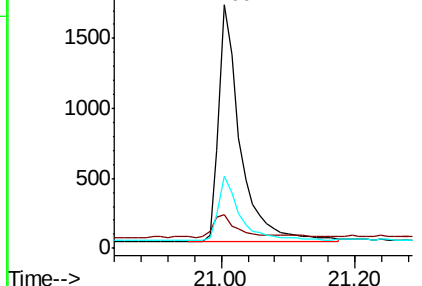
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#29

Terphenyl-d14

Concen: 0.519 ng

RT: 19.43 min Scan# 1946

Delta R.T. -0.05 min

Lab File: BN010187.D

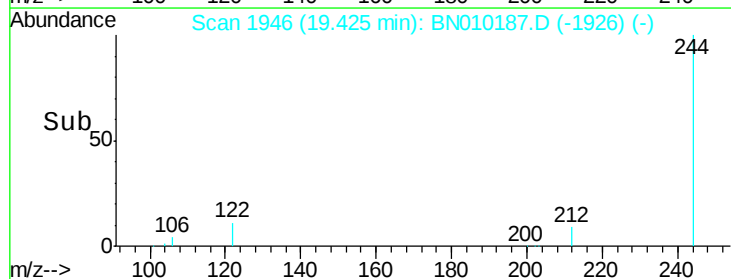
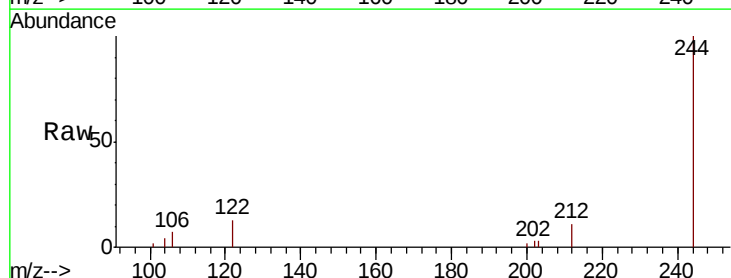
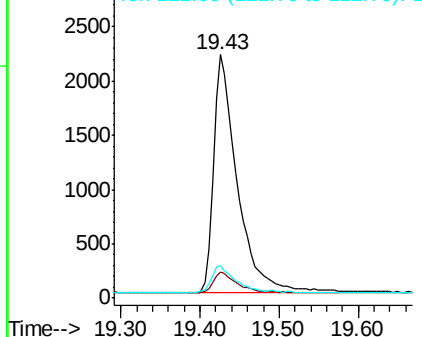
Acq: 11 Mar 2020 11:44

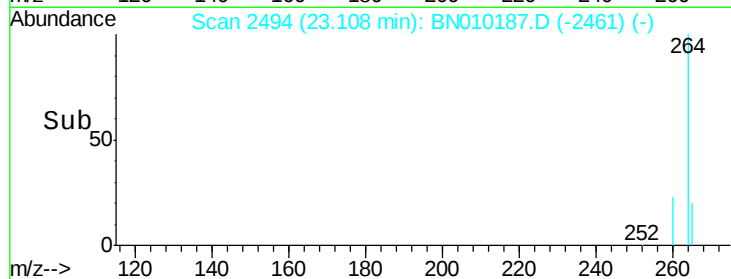
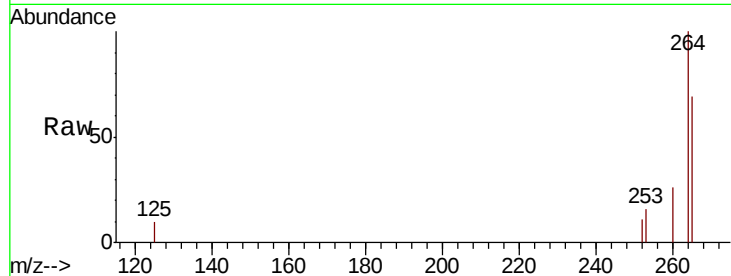
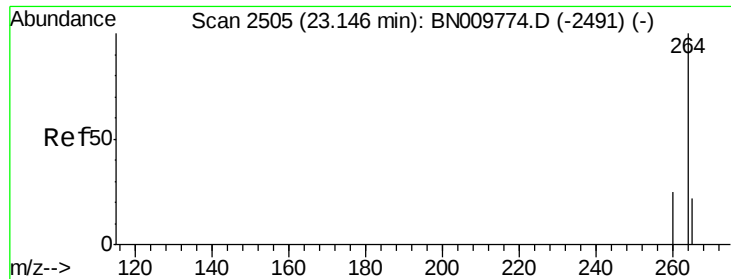
Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.9	8.0	12.0
122	13.3	10.0	15.0

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: 23.11 min Scan# 2494
 Delta R.T. -0.04 min
 Lab File: BN010187.D
 Acq: 11 Mar 2020 11:44

Tot Ion:	264	Resp:	3470
Ion Ratio	Lower	Upper	
264	100		
260	25.6	21.1	31.7
265	68.5	57.5	86.3

Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20200306

Manual Integrations
 APPROVED

mohammad
 3/11/2020 5:08:44 PM

