

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
 Data File : BN010197.D
 Acq On : 11 Mar 2020 18:11
 Operator : CG/JU
 Sample : L1842-24DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE105D1-20200305DL

Manual Integrations
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Quant Time: Mar 12 07:39:26 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	7.40	152	805	0.40	ng	0.03
7) Naphthalene-d8	10.19	136	2894m	0.40	ng	0.08
13) Acenaphthene-d10	14.01	164	1779	0.40	ng	0.01
19) Phenanthrene-d10	16.80	188	3476	0.40	ng	0.03
27) Chrysene-d12	21.02	240	3413	0.40	ng	0.02
34) Perylene-d12	23.11	264	3736	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.10	112	111m	0.06	ng	0.06
5) Phenol-d6	6.68	99	89m	0.04	ng	0.07
8) Nitrobenzene-d5	8.76	82	374m	0.16	ng	0.20
11) 2-Methylnaphthalene-d10	11.81	152	749	0.13	ng	0.08
14) 2,4,6-Tribromophenol	15.60	330	86	0.13	ng	0.06
15) 2-Fluorobiphenyl	12.68	172	1314m	0.20	ng	0.04
25) Fluoranthene-d10	18.84	212	1892	0.16	ng	0.02
29) Terphenyl-d14	19.45	244	1696	0.21	ng	0.02
Target Compounds						
2) 1,4-Dioxane	3.04	88	1878	2.278	ng	Qvalue 97

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

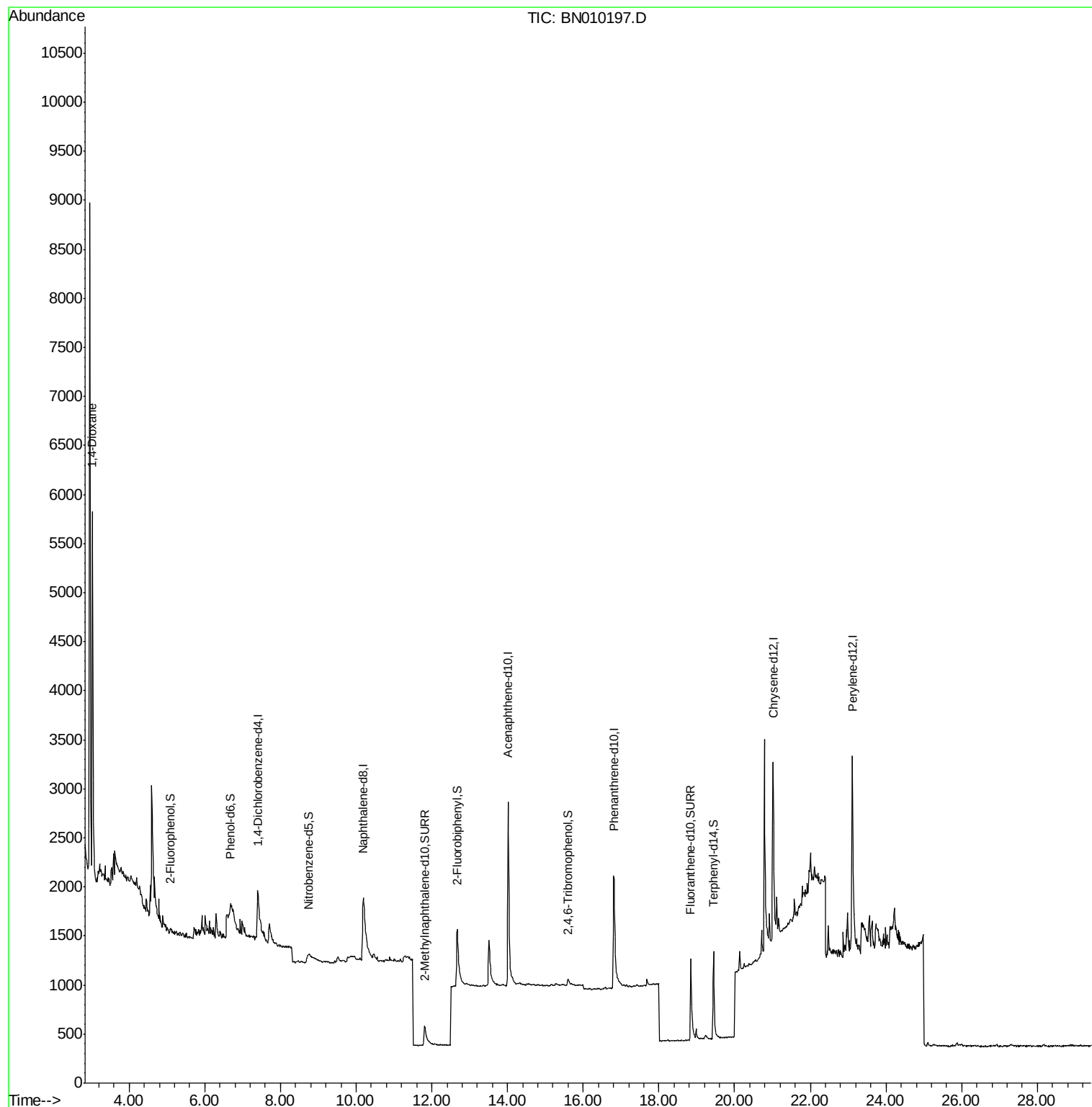
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
Data File : BN010197.D
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Misc :
ALS Vial : 6 Sample Multiplier: 1

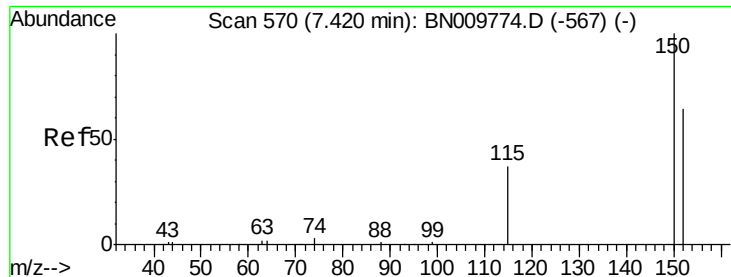
Instrument :
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RE105D1-20200305DL

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 11 17:37:44 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.40 min Scan# 567

Delta R.T. 0.03 min

Lab File: BN010197.D

Acq: 11 Mar 2020 18:11

Instrument :

BNA_N

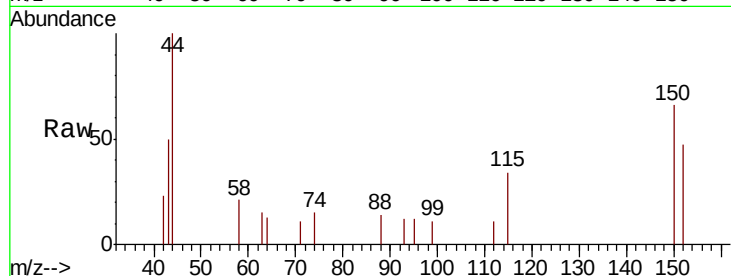
ClientSampleId :

RE105D1-20200305DL

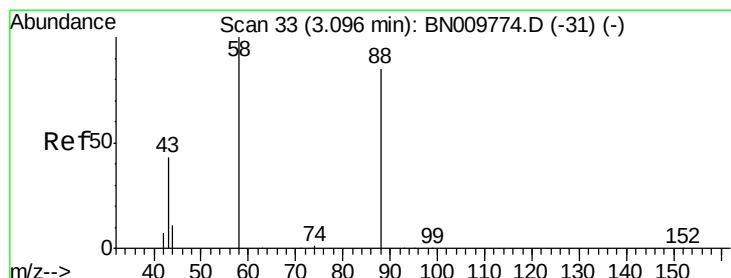
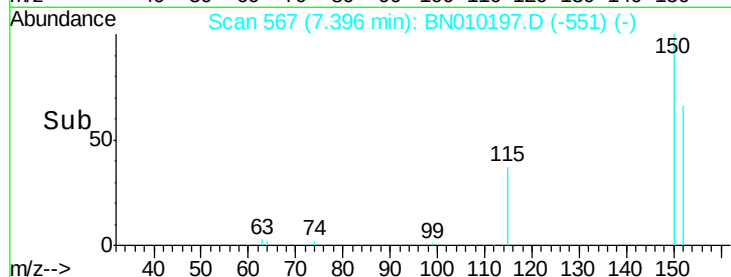
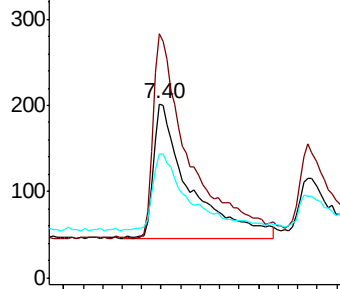
Tot Ion:	152	Resp:	805
Ion Ratio	Lower	Upper	
152	100		
150	140.1	120.6	181.0
115	71.3	51.2	76.8

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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



#2

1,4-Dioxane

Concen: 2.278 ng

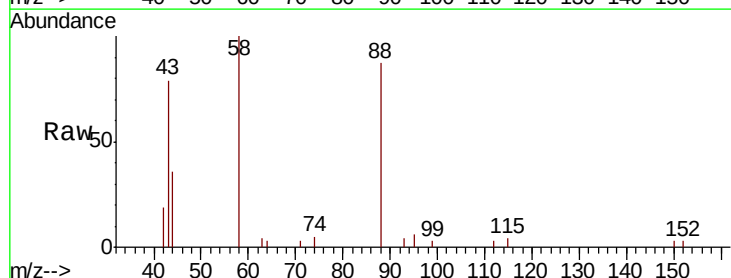
RT: 3.04 min Scan# 26

Delta R.T. 0.00 min

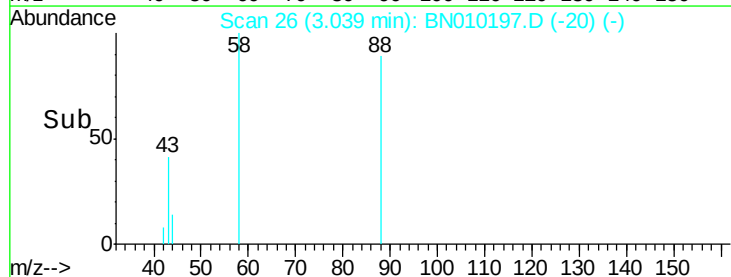
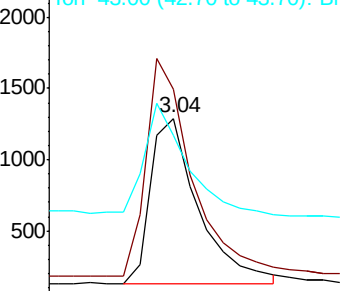
Lab File: BN010197.D

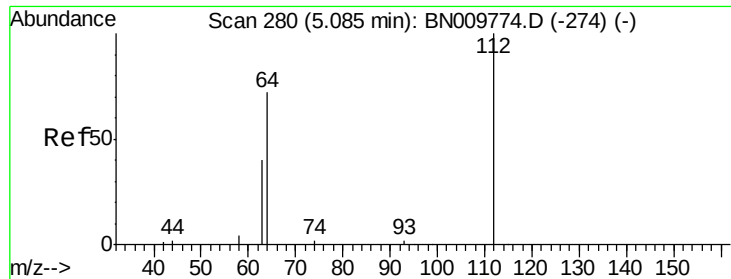
Acq: 11 Mar 2020 18:11

Tgt Ion:	88	Resp:	1878
Ion Ratio	Lower	Upper	
88	100		
58	126.9	97.8	146.8
43	57.6	45.1	67.7



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 58.00 (57.70 to 58.70): BN0
Ion 43.00 (42.70 to 43.70): BN0





#4

2-Fluorophenol

Concen: 0.062 ng m

RT: 5.10 min Scan# 282

Delta R.T. 0.06 min

Lab File: BN010197.D

Acq: 11 Mar 2020 18:11

Instrument :

BNA_N

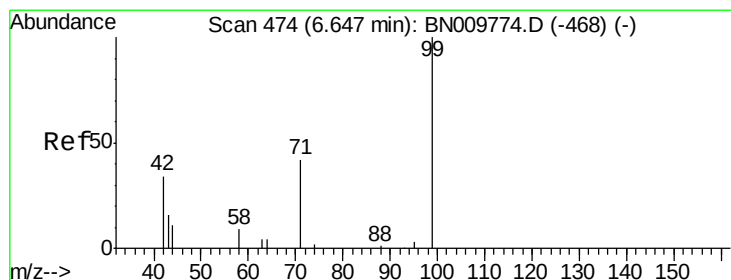
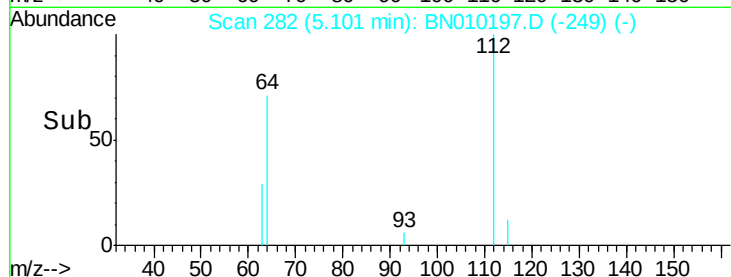
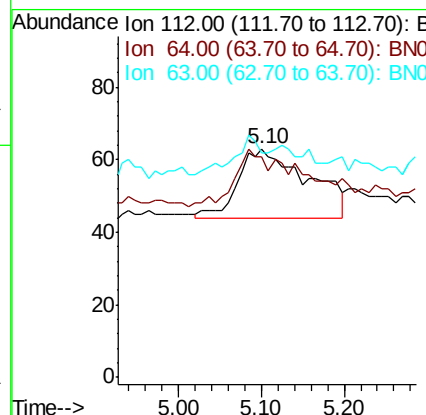
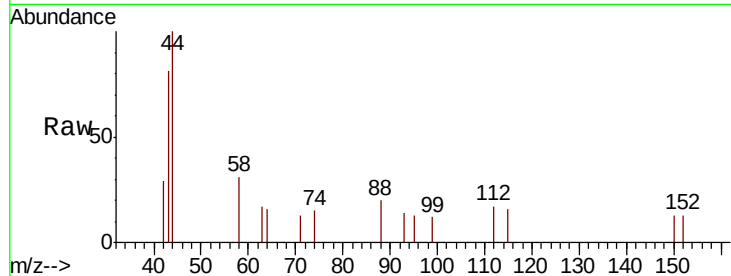
ClientSampleId :

RE105D1-20200305DL

Tot Ion:	112	Resp:	111
Ion	Ratio	Lower	Upper
112	100		
64	89.2	65.8	98.6
63	23.4	38.7	58.1#

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#5

Phenol-d6

Concen: 0.041 ng m

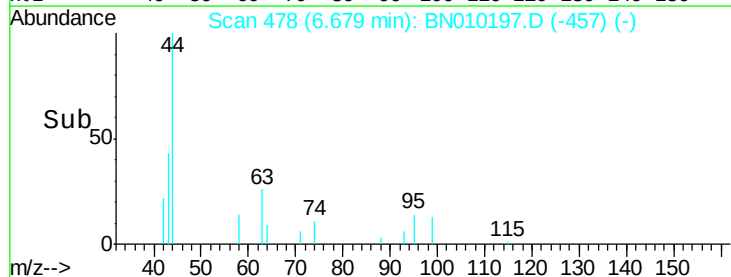
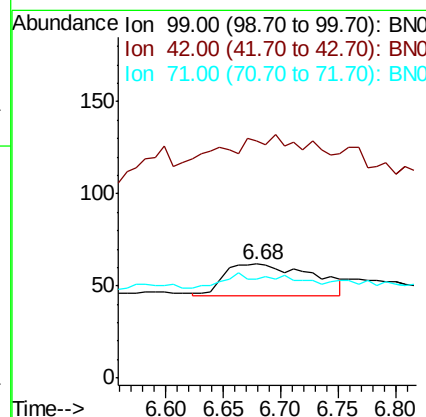
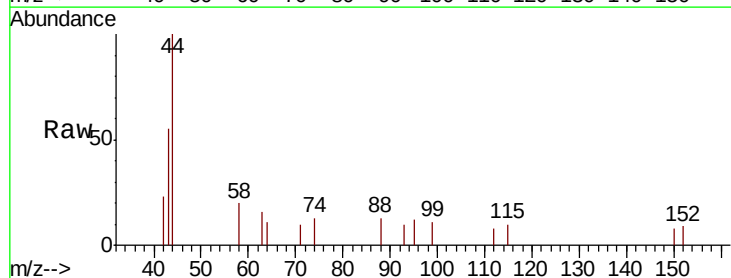
RT: 6.68 min Scan# 478

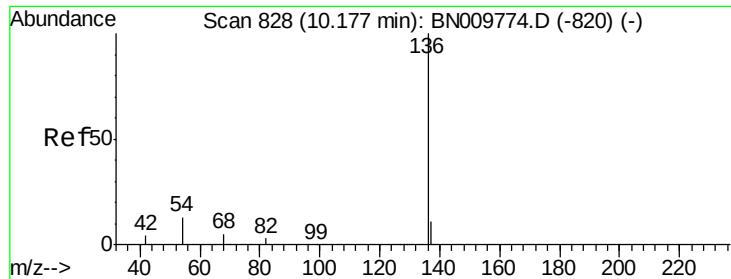
Delta R.T. 0.07 min

Lab File: BN010197.D

Acq: 11 Mar 2020 18:11

Tgt Ion:	99	Resp:	89
Ion	Ratio	Lower	Upper
99	100		
42	39.3	30.8	46.2
71	15.7	34.9	52.3#





#7

Naphthalene-d8

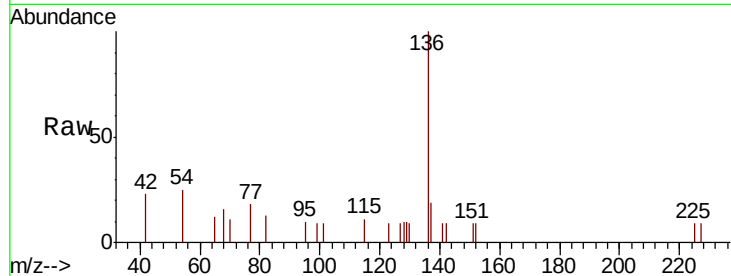
Concen: 0.400 ng m
RT: 10.19 min Scan# 829
Delta R.T. 0.08 min
Lab File: BN010197.D
Acq: 11 Mar 2020 18:11

Instrument :
BNA_N
ClientSampleId :
RE105D1-20200305DL

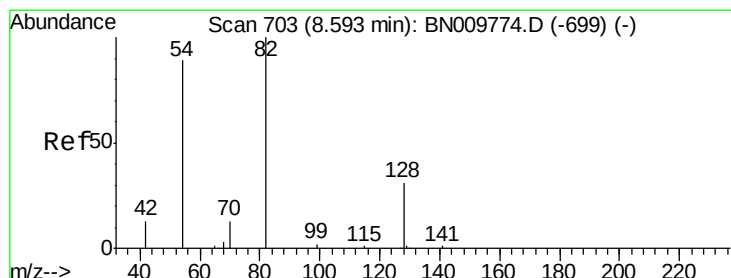
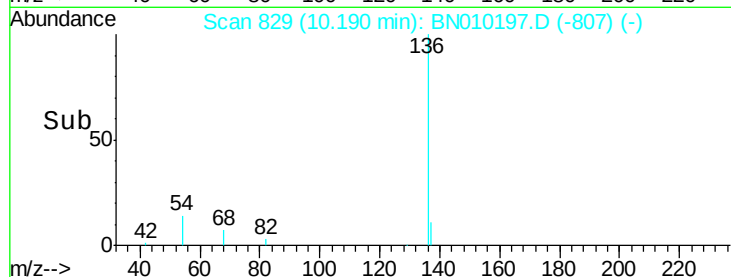
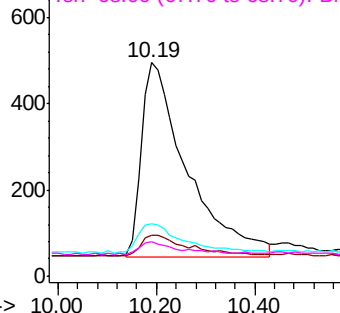
Tot Ion	Ratio	Lower	Upper
136	100		
137	19.2	11.3	16.9#
54	24.8	13.4	20.2#
68	16.4	7.0	10.4#

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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



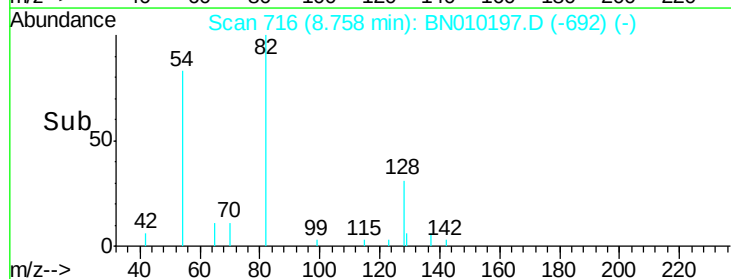
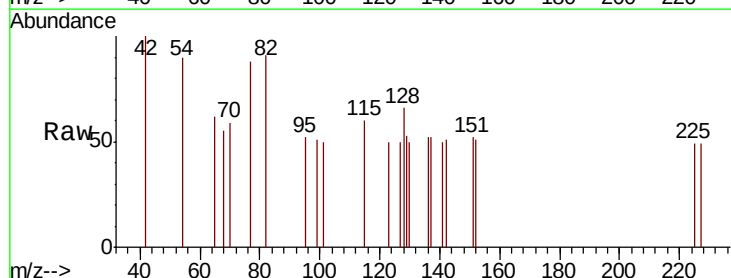
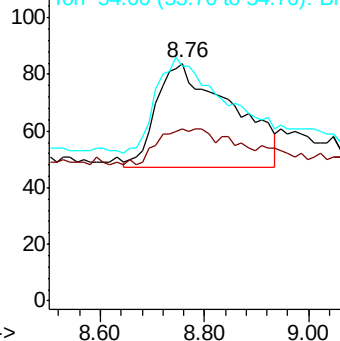
#8

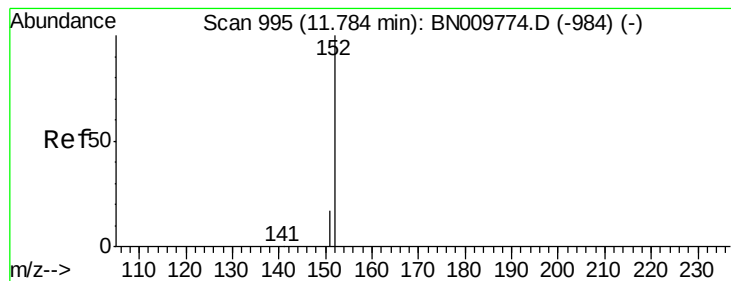
Nitrobenzene-d5

Concen: 0.155 ng m
RT: 8.76 min Scan# 716
Delta R.T. 0.20 min
Lab File: BN010197.D
Acq: 11 Mar 2020 18:11

Tgt Ion	Ratio	Lower	Upper
82	100		
128	72.6	32.5	48.7#
54	98.8	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





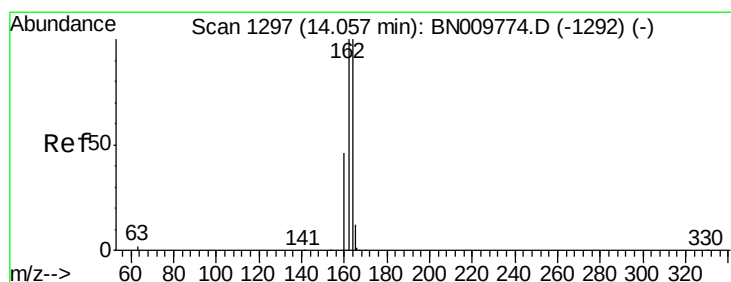
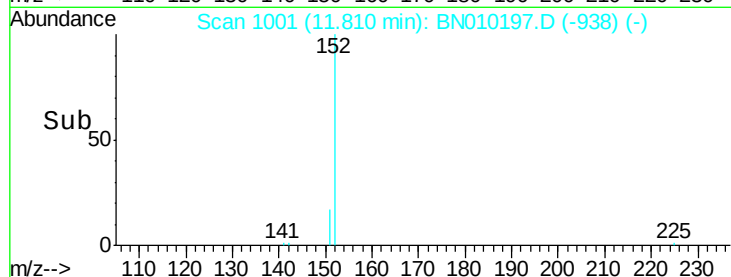
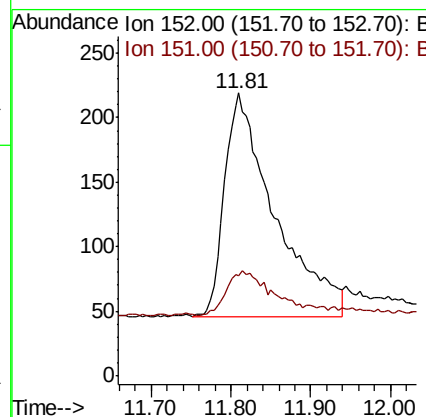
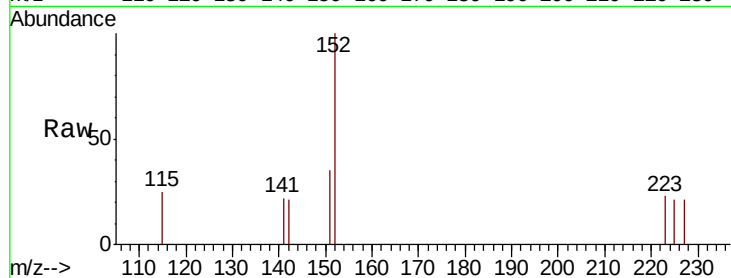
#11
2-Methylnaphthalene-d10
Concen: 0.134 ng
RT: 11.81 min Scan# 1001
Delta R.T. 0.08 min
Lab File: BN010197.D
Acq: 11 Mar 2020 18:11

Instrument :
BNA_N
ClientSampleId :
RE105D1-20200305DL

Tot Ion	Ratio	Lower	Upper
152	100		
151	17.8	15.1	22.7

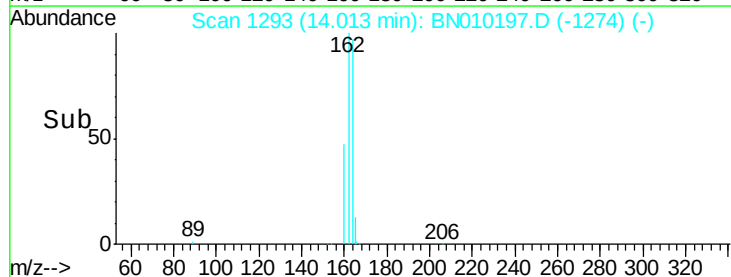
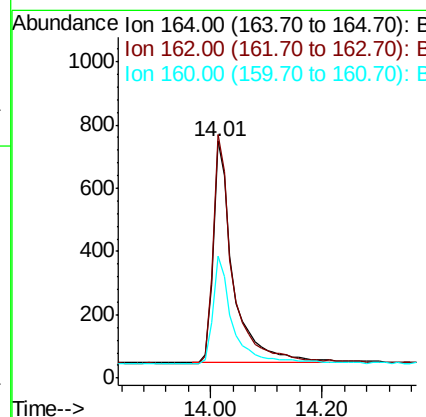
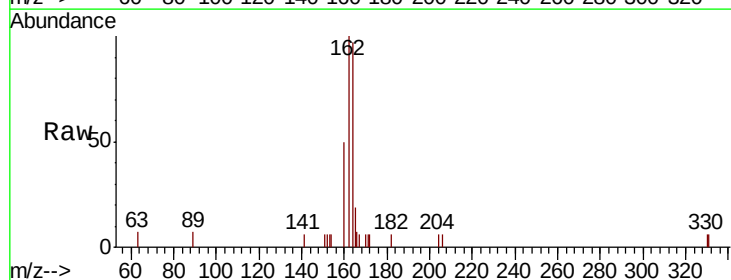
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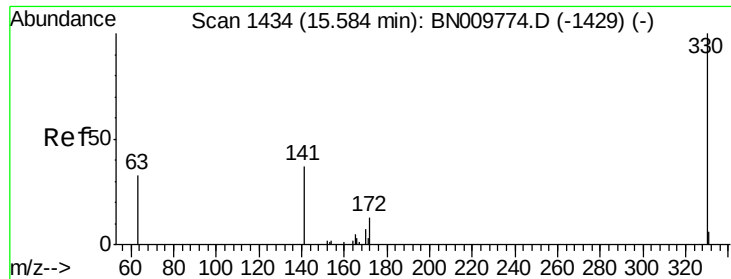
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1293
Delta R.T. 0.01 min
Lab File: BN010197.D
Acq: 11 Mar 2020 18:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	79.9	119.9
160	51.5	38.2	57.2





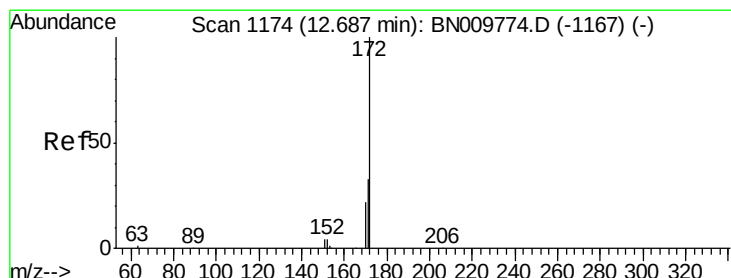
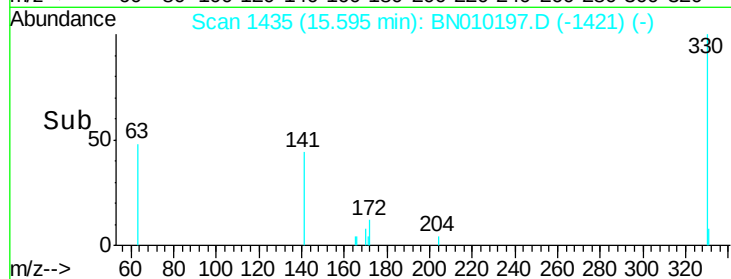
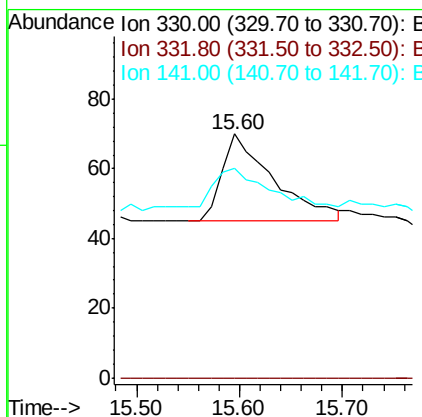
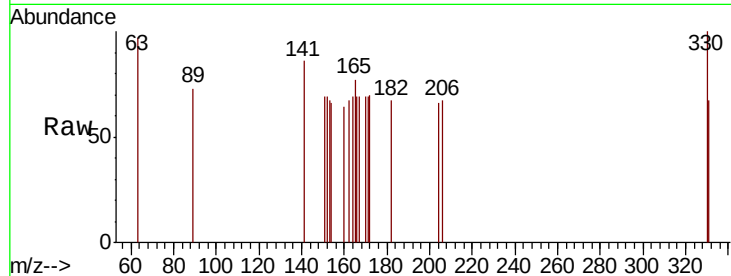
#14
2,4,6-Tribromophenol
Concen: 0.125 ng
RT: 15.60 min Scan# 1435
Delta R.T. 0.06 min
Lab File: BN010197.D
Acq: 11 Mar 2020 18:11

Instrument :
BNA_N
ClientSampleId :
RE105D1-20200305DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	50.0	36.8	55.2

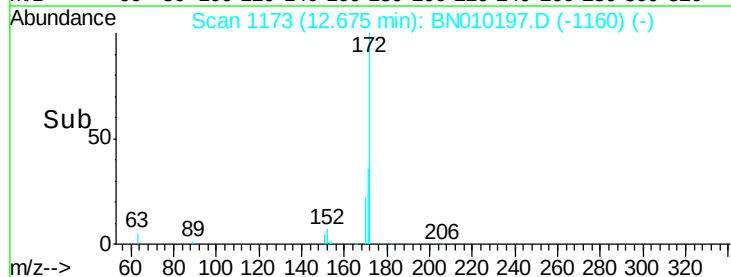
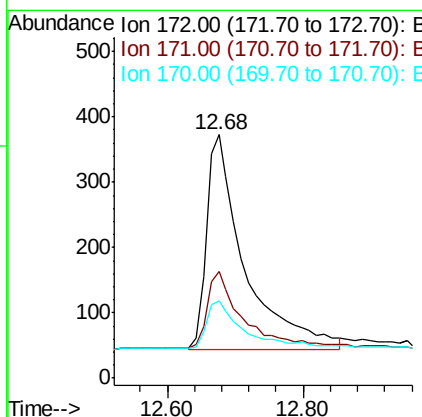
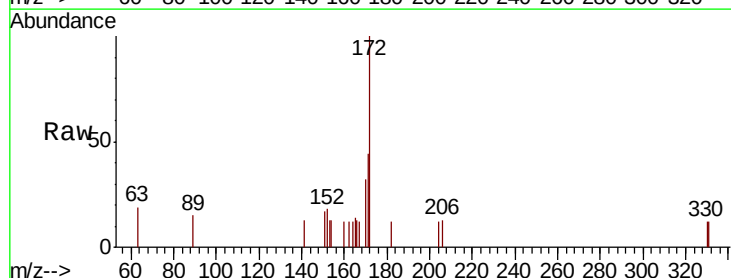
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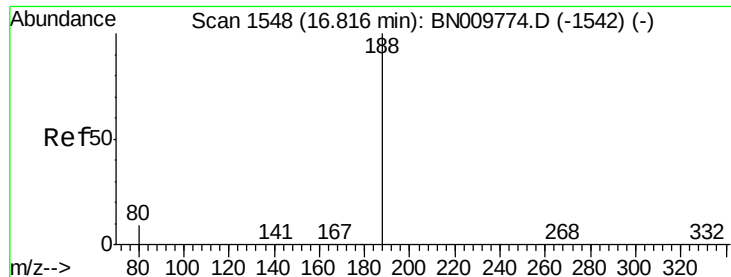
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#15
2-Fluorobiphenyl
Concen: 0.196 ng m
RT: 12.68 min Scan# 1173
Delta R.T. 0.04 min
Lab File: BN010197.D
Acq: 11 Mar 2020 18:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	43.7	28.7	43.1#
170	31.6	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: BN010197.D

Acq: 11 Mar 2020 18:11

Instrument :

BNA_N

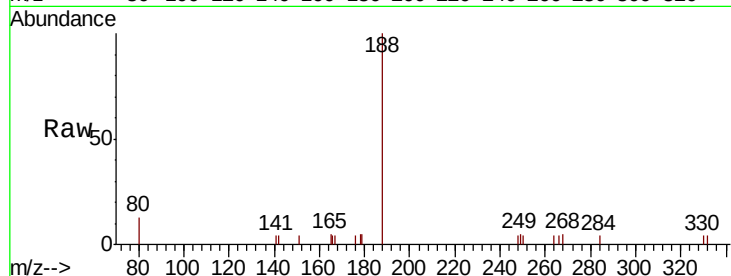
ClientSampleId :

RE105D1-20200305DL

Tot Ion:	188	Resp:	3476
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	13.0	8.3	12.5#

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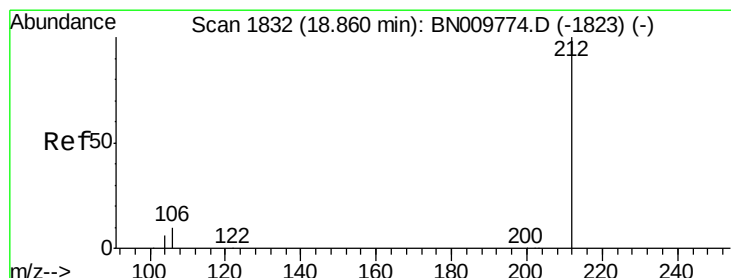
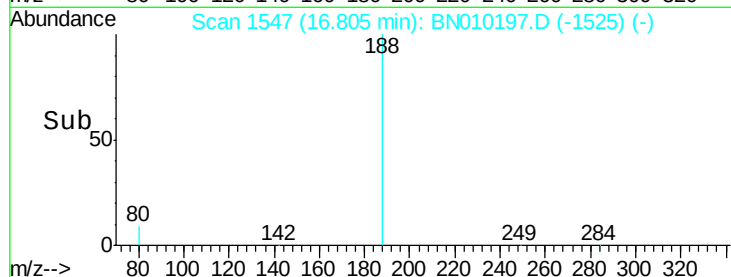
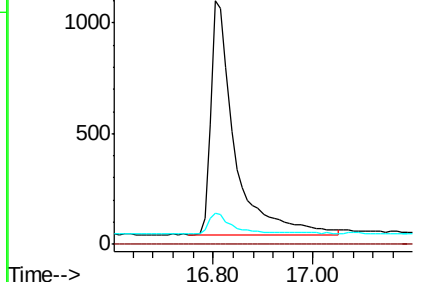
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#25

Fluoranthene-d10

Concen: 0.157 ng

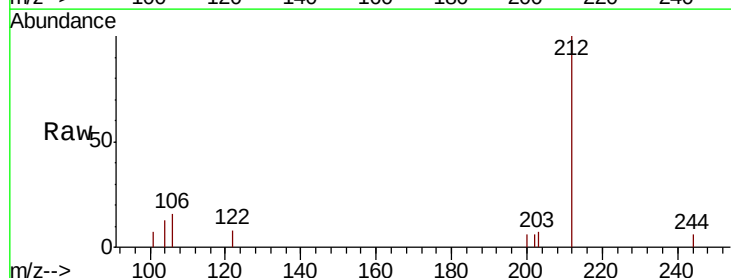
RT: 18.84 min Scan# 1828

Delta R.T. 0.02 min

Lab File: BN010197.D

Acq: 11 Mar 2020 18:11

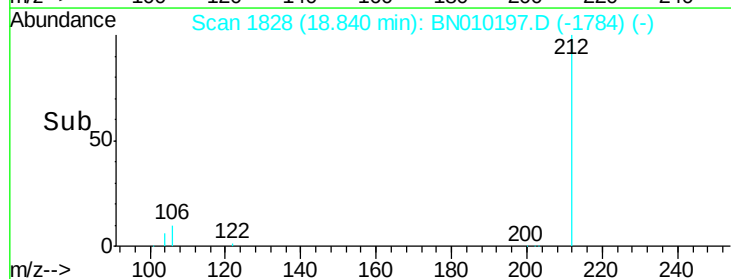
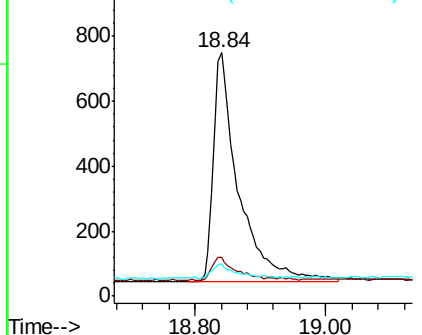
Tgt Ion:	212	Resp:	1892
Ion Ratio	Lower	Upper	
212	100		
106	9.4	8.4	12.6
104	5.7	4.8	7.2

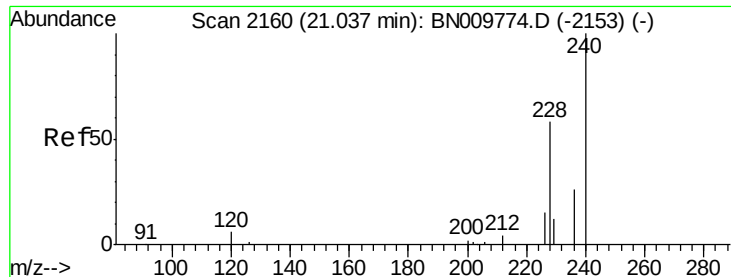


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.02 min Scan# 2158

Delta R.T. 0.02 min

Lab File: BN010197.D

Acq: 11 Mar 2020 18:11

Instrument :

BNA_N

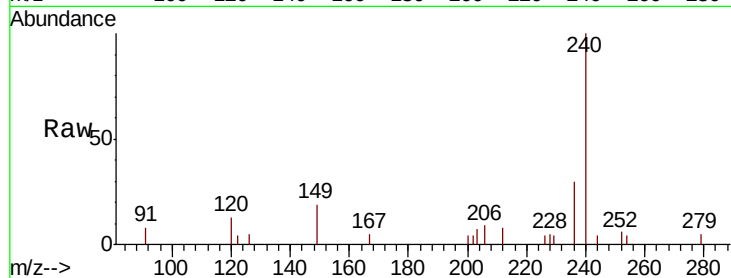
ClientSampleId :

RE105D1-20200305DL

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.1	7.9	11.9#
236	30.0	22.0	33.0

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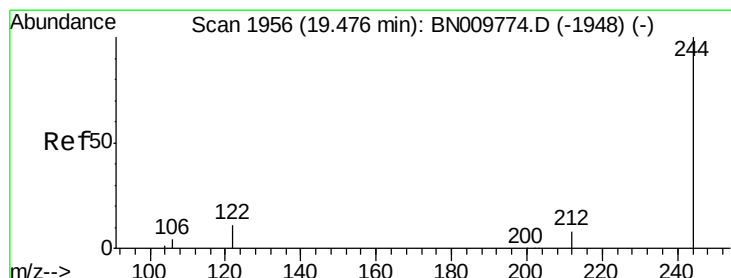
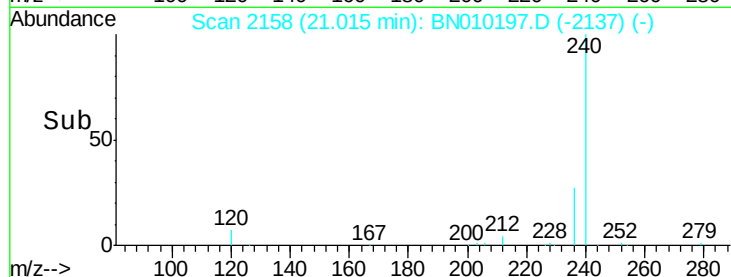
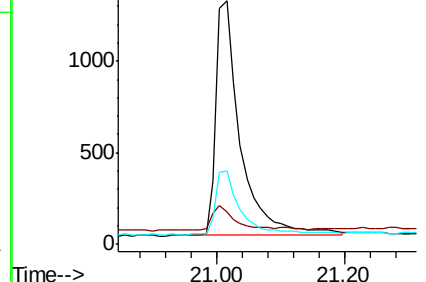
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#29

Terphenyl-d14

Concen: 0.208 ng

RT: 19.45 min Scan# 1950

Delta R.T. 0.02 min

Lab File: BN010197.D

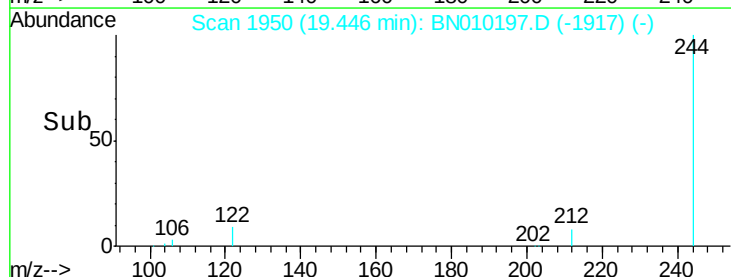
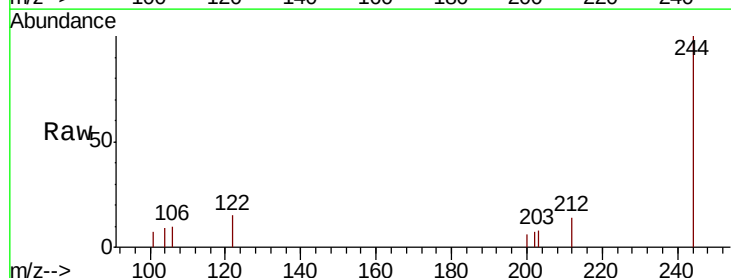
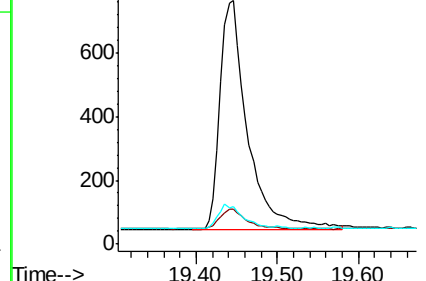
Acq: 11 Mar 2020 18:11

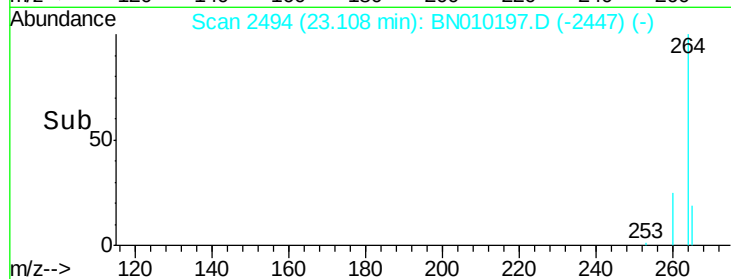
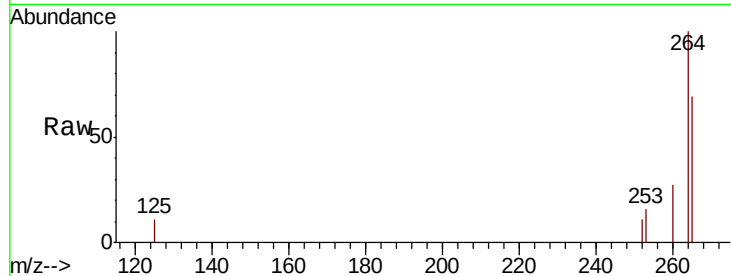
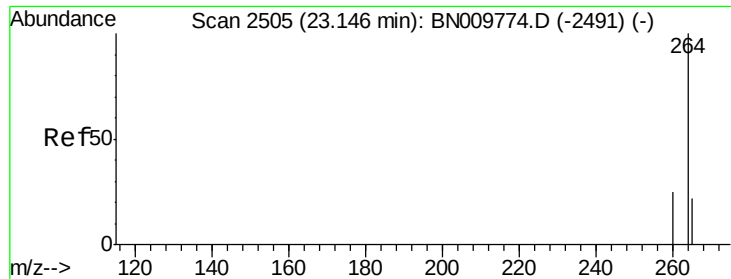
Tgt Ion	Ratio	Lower	Upper
244	100		
212	14.3	8.0	12.0#
122	15.4	10.0	15.0#

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: BN010197.D

Acq: 11 Mar 2020 18:11

Tot Ion:	264	Resp:	3736
Ion Ratio	Lower	Upper	
264	100		
260	26.9	21.1	31.7
265	68.8	57.5	86.3

Instrument :

BNA_N

ClientSampleId :

RE105D1-20200305DL

Manual Integrations
APPROVED

mohammad
3/16/2020 1:45:35 PM

