

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
 Data File : BN010195.D
 Acq On : 11 Mar 2020 16:59
 Operator : CG/JU
 Sample : L1842-19
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D1-20200305

Manual Integrations
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 3/16/2020 1:45:33 PM

Quant Time: Mar 12 10:59:34 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	7.39	152	897	0.40	ng	0.02
7) Naphthalene-d8	10.18	136	2118m	0.40	ng	0.06
13) Acenaphthene-d10	14.00	164	1429	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	2884	0.40	ng	0.03
27) Chrysene-d12	21.00	240	2994	0.40	ng	0.01
34) Perylene-d12	23.10	264	3198	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.08	112	372	0.19	ng	0.04
5) Phenol-d6	6.61	99	313	0.13	ng	0.00
8) Nitrobenzene-d5	8.69	82	878m	0.50	ng	0.14
11) 2-Methylnaphthalene-d10	11.77	152	1249	0.30	ng	0.04
14) 2,4,6-Tribromophenol	15.57	330	194	0.35	ng	0.03
15) 2-Fluorobiphenyl	12.64	172	1791	0.33	ng	0.01
25) Fluoranthene-d10	18.83	212	3390	0.34	ng	0.01
29) Terphenyl-d14	19.43	244	2946	0.41	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.04	88	527	0.574	ng	Qvalue # 81

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

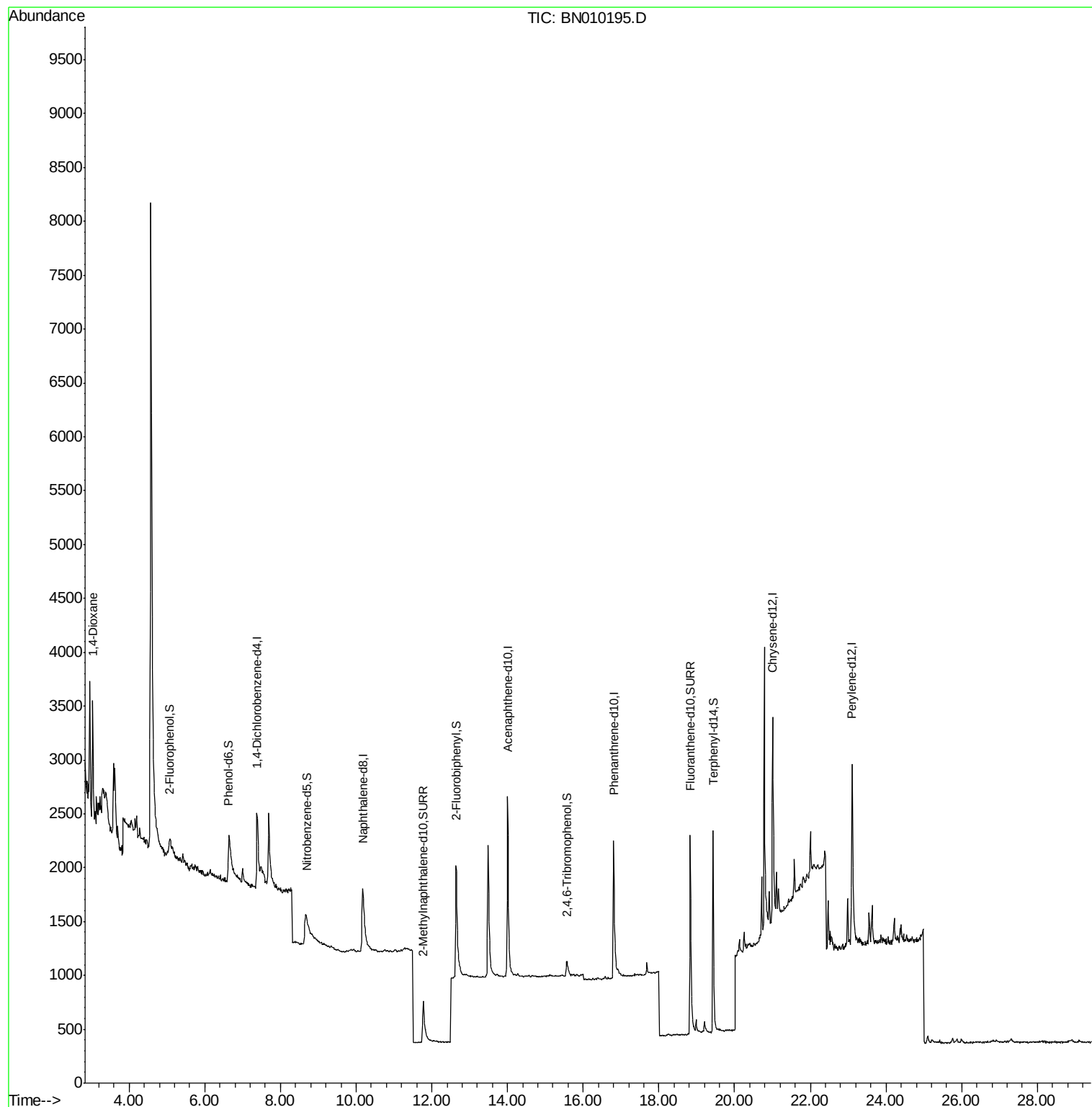
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
Data File : BN010195.D
Acq On : 11 Mar 2020 16:59
Operator : CG/JU
Sample : L1842-19
Misc :
ALS Vial : 4 Sample Multiplier: 1

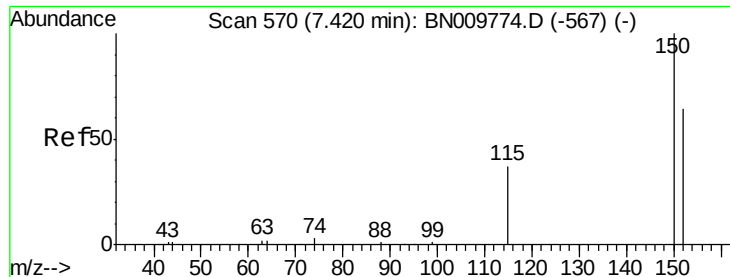
Instrument :
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#1

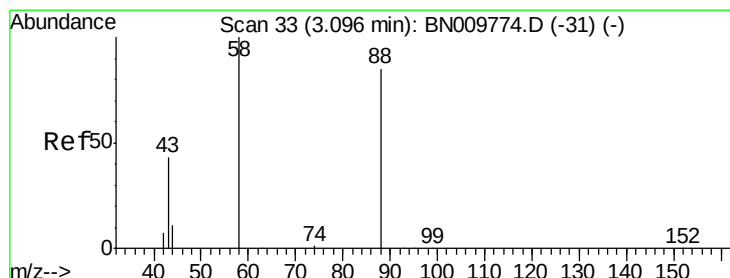
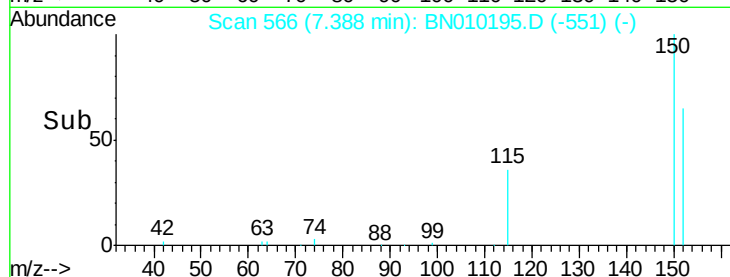
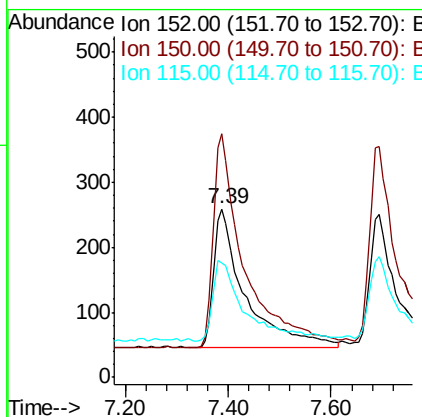
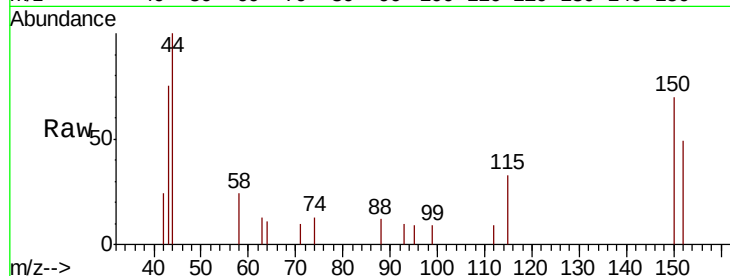
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. 0.02 min
Lab File: BN010195.D
Acq: 11 Mar 2020 16:59

Instrument :
BNA_N
ClientSampleId :
RE134D1-20200305

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.4	120.6	181.0
115	68.0	51.2	76.8

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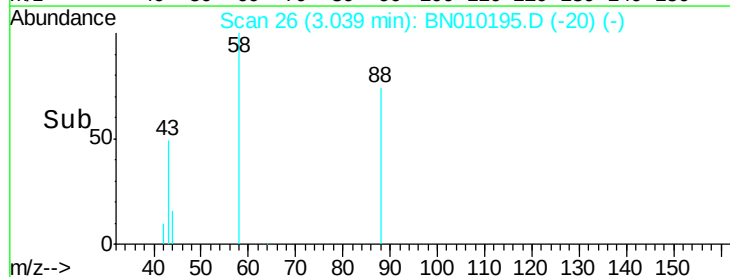
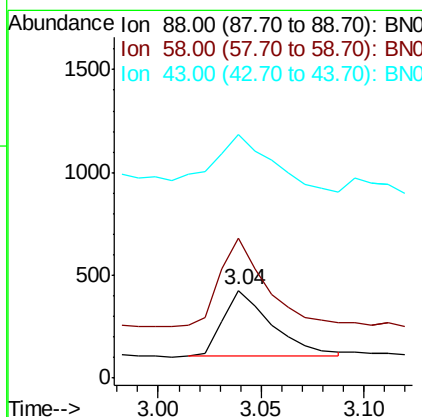
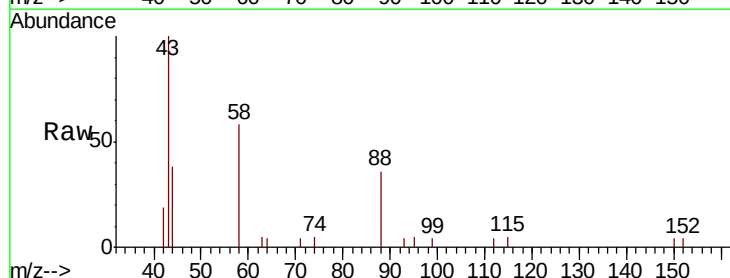
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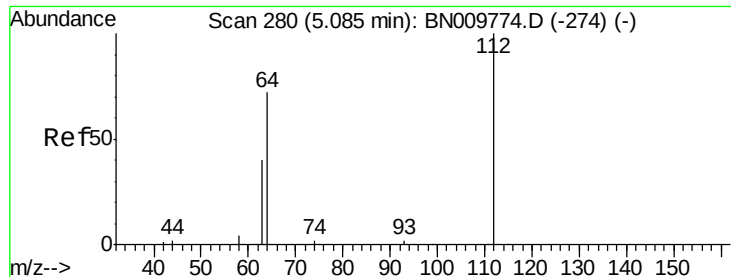


#2

1,4-Dioxane
Concen: 0.574 ng
RT: 3.04 min Scan# 26
Delta R.T. 0.00 min
Lab File: BN010195.D
Acq: 11 Mar 2020 16:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	119.4	97.8	146.8
43	96.8	45.1	67.7





#4

2-Fluorophenol

Concen: 0.187 ng

RT: 5.08 min Scan# 279

Delta R.T. 0.04 min

Lab File: BN010195.D

Acq: 11 Mar 2020 16:59

Instrument :

BNA_N

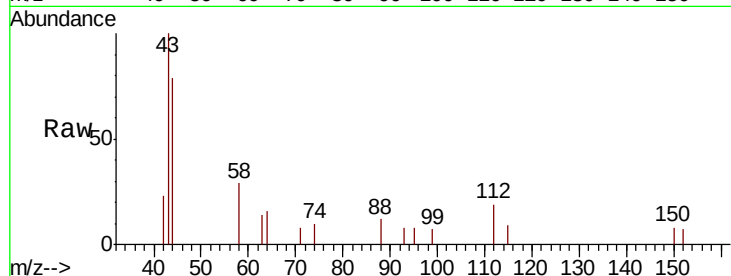
ClientSampleId :

RE134D1-20200305

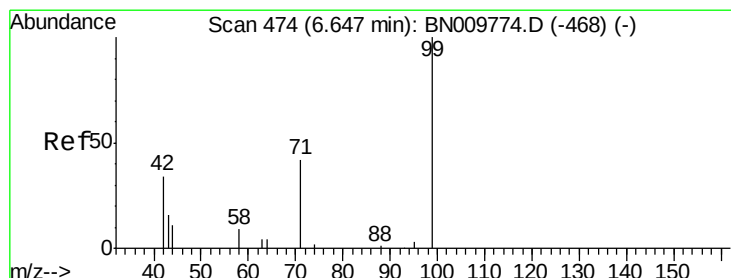
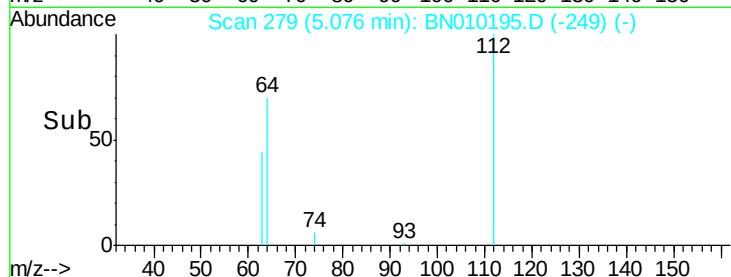
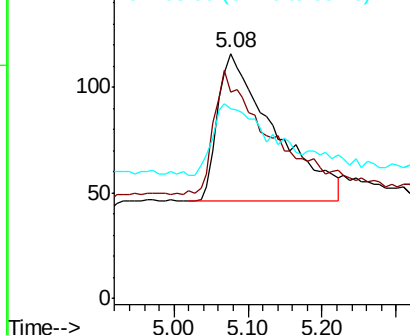
Tot Ion:	112	Resp:	372
Ion	Ratio	Lower	Upper
112	100		
64	82.3	65.8	98.6
63	48.7	38.7	58.1

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Abundance Ion 112.00 (111.70 to 112.70): BNC
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.129 ng

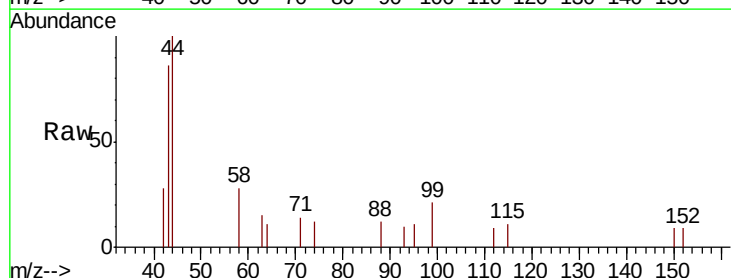
RT: 6.61 min Scan# 470

Delta R.T. 0.01 min

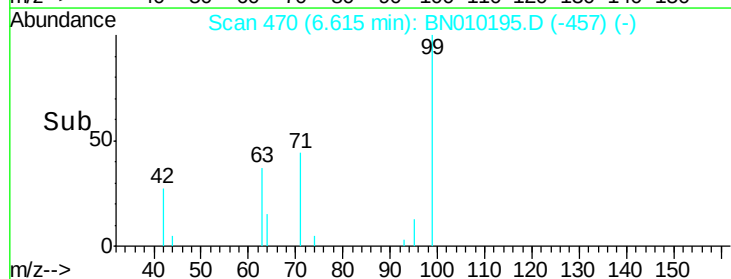
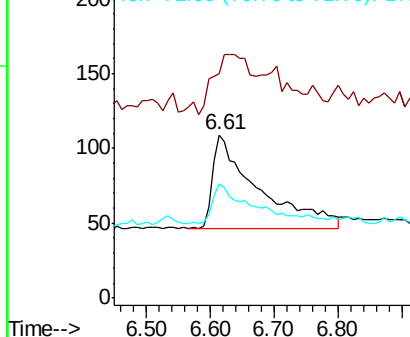
Lab File: BN010195.D

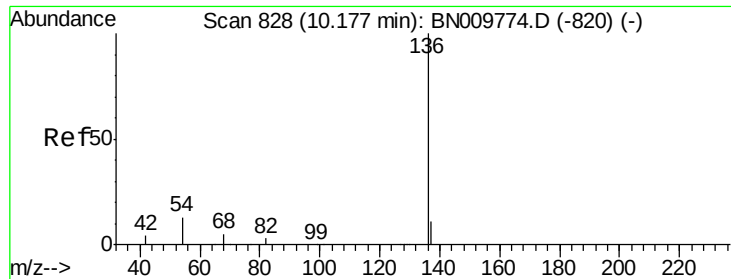
Acq: 11 Mar 2020 16:59

Tgt Ion:	99	Resp:	313
Ion	Ratio	Lower	Upper
99	100		
42	48.2	30.8	46.2#
71	34.5	34.9	52.3#



Abundance Ion 99.00 (98.70 to 99.70): BNC
Ion 42.00 (41.70 to 42.70): BNC
Ion 71.00 (70.70 to 71.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng m

RT: 10.18 min Scan# 828

Delta R.T. 0.06 min

Lab File: BN010195.D

Acq: 11 Mar 2020 16:59

Instrument :

BNA_N

ClientSampleId :

RE134D1-20200305

Tot Ion:136 Resp: 2118

Ion Ratio Lower Upper

136 100

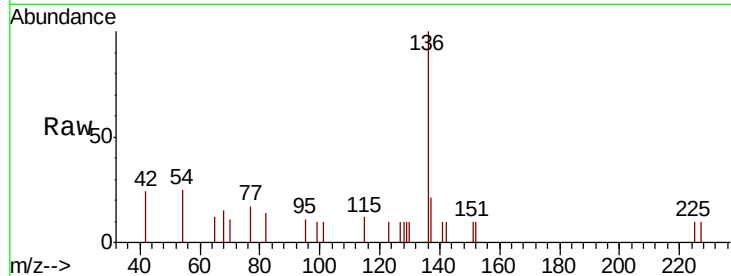
137 20.6 11.3 16.9#

54 24.7 13.4 20.2#

68 14.8 7.0 10.4#

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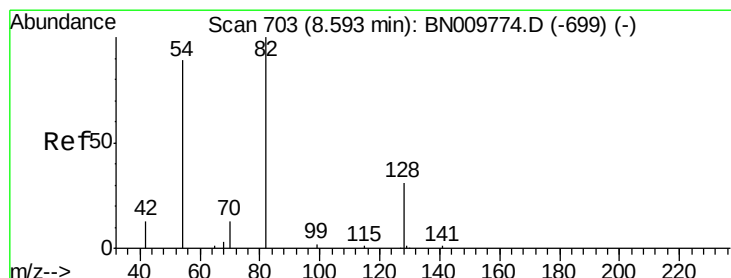
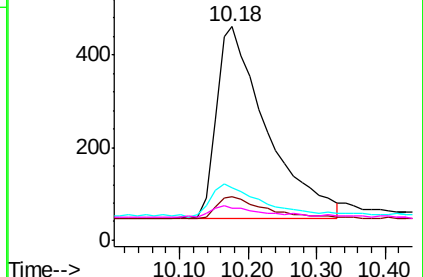
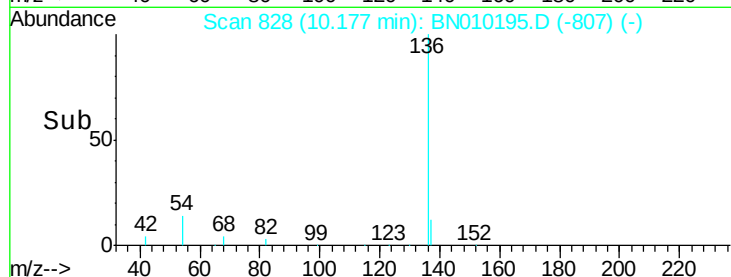


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.498 ng m

RT: 8.69 min Scan# 711

Delta R.T. 0.14 min

Lab File: BN010195.D

Acq: 11 Mar 2020 16:59

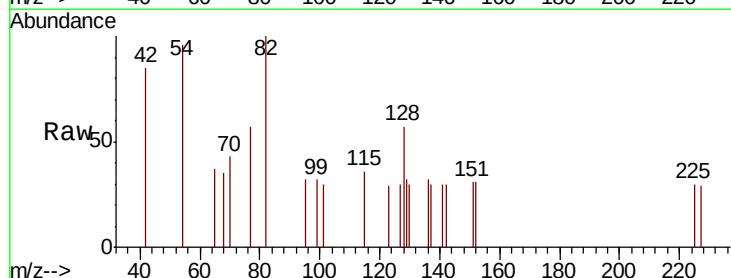
Tgt Ion: 82 Resp: 878

Ion Ratio Lower Upper

82 100

128 56.8 32.5 48.7#

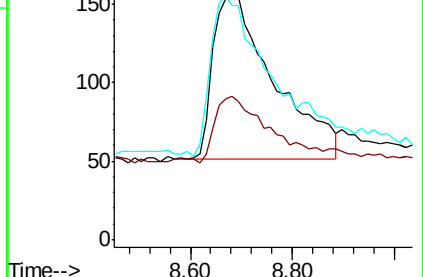
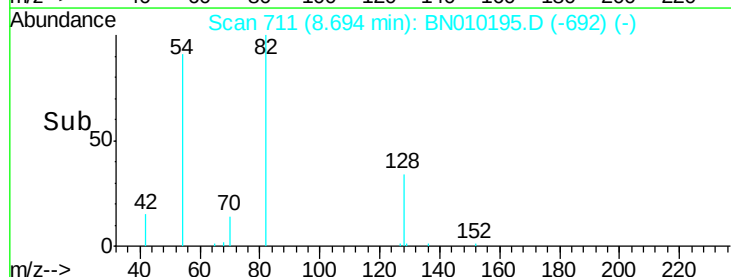
54 96.1 73.5 110.3

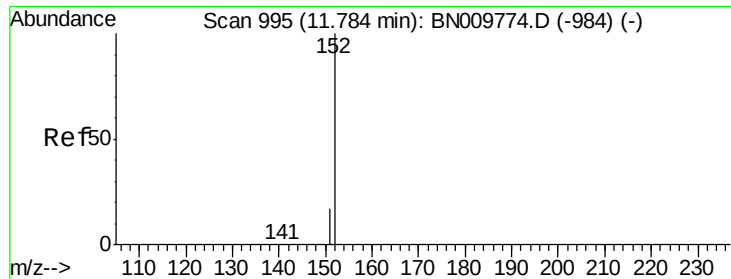


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





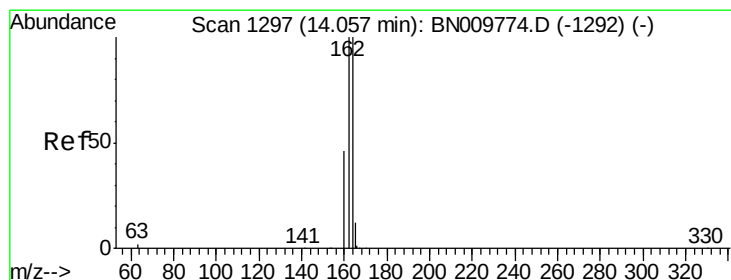
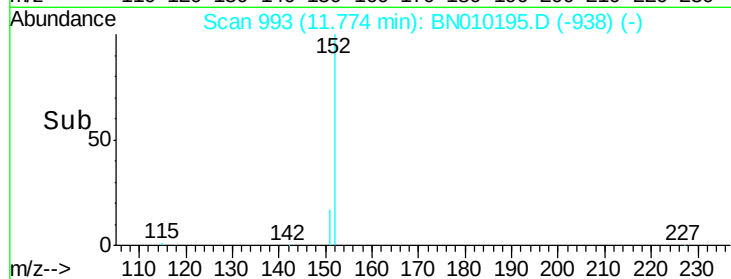
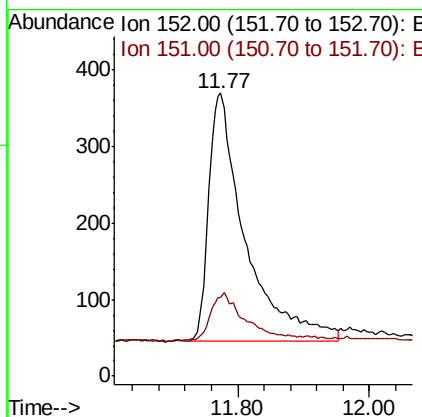
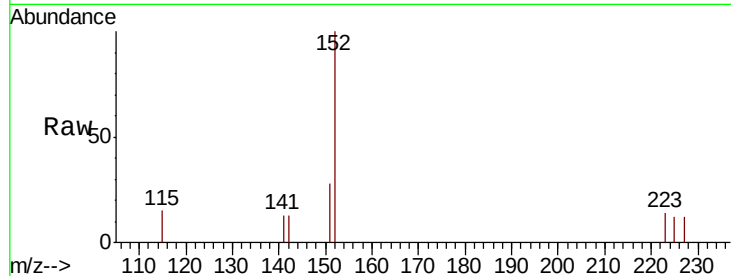
#11
2-Methylnaphthalene-d10
Concen: 0.305 ng
RT: 11.77 min Scan# 993
Delta R.T. 0.04 min
Lab File: BN010195.D
Acq: 11 Mar 2020 16:59

Instrument :
BNA_N
ClientSampleId :
RE134D1-20200305

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.1	22.7

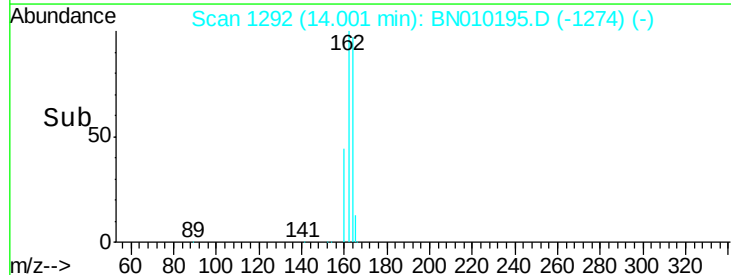
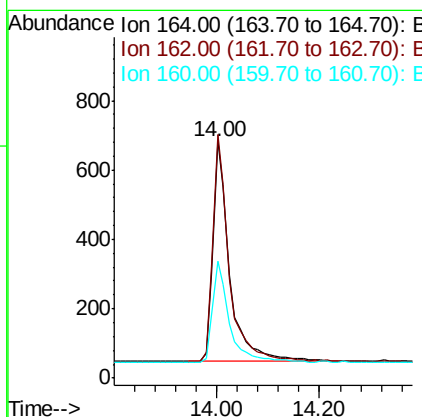
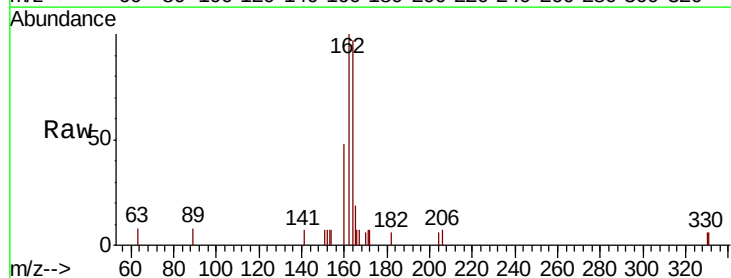
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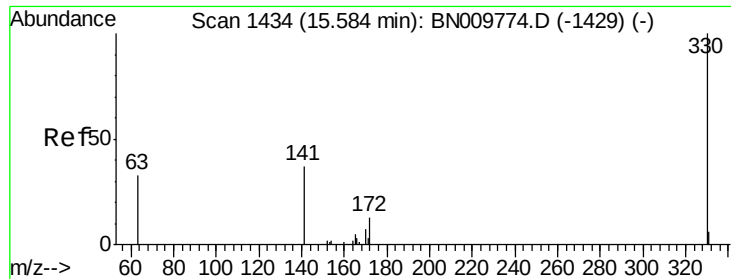
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BN010195.D
Acq: 11 Mar 2020 16:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	79.9	119.9
160	49.3	38.2	57.2





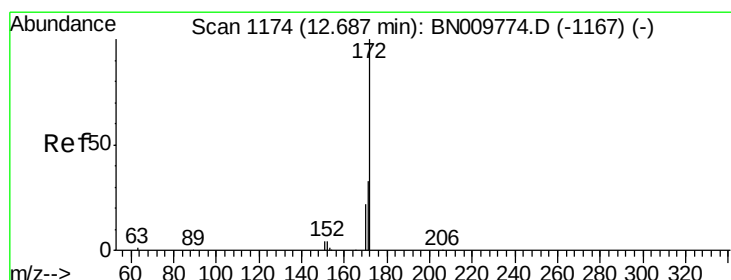
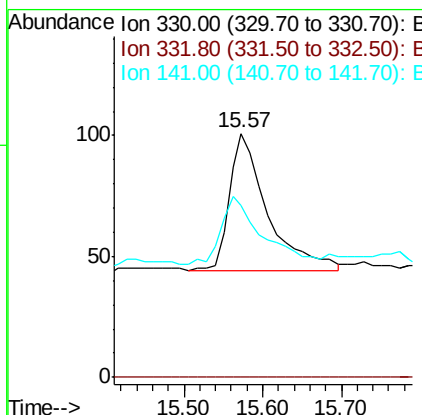
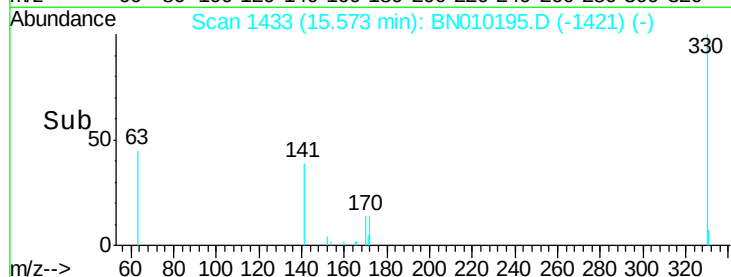
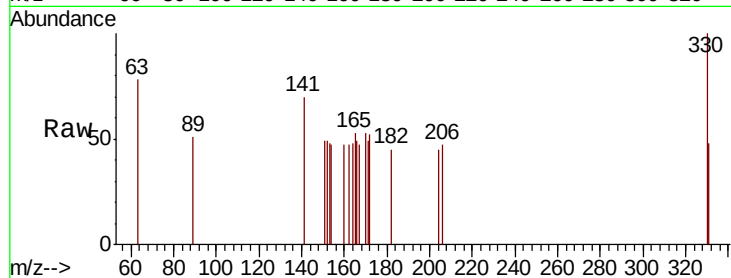
#14
2,4,6-Tribromophenol
Concen: 0.352 ng
RT: 15.57 min Scan# 1433
Delta R.T. 0.03 min
Lab File: BN010195.D
Acq: 11 Mar 2020 16:59

Instrument :
BNA_N
ClientSampleId :
RE134D1-20200305

Tot Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	51.5	36.8	55.2

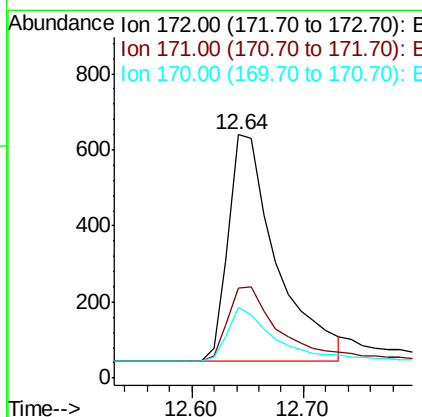
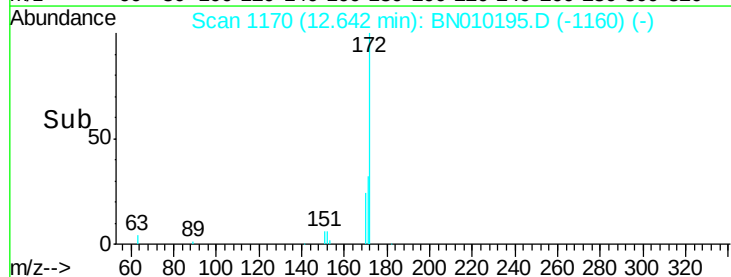
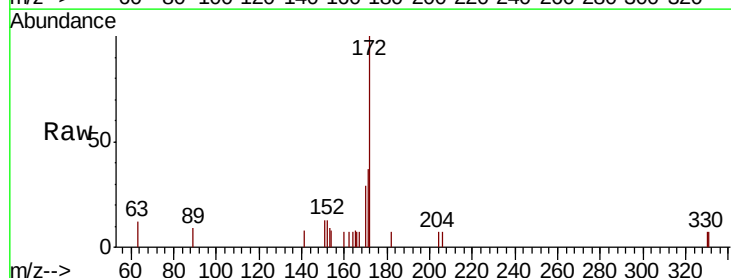
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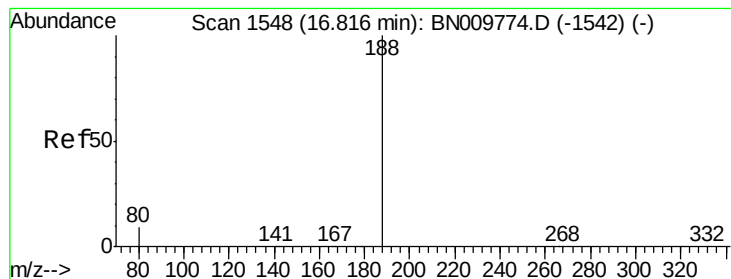
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#15
2-Fluorobiphenyl
Concen: 0.332 ng
RT: 12.64 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BN010195.D
Acq: 11 Mar 2020 16:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.7	43.1
170	29.1	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: BN010195.D

Acq: 11 Mar 2020 16:59

Instrument :

BNA_N

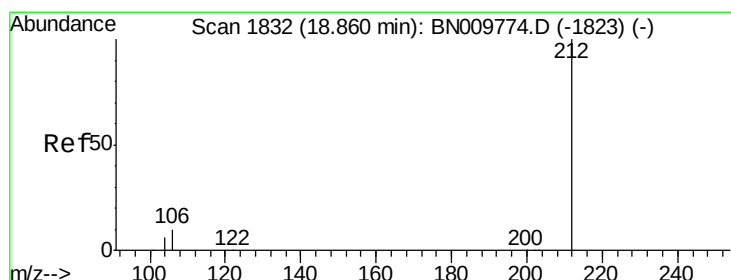
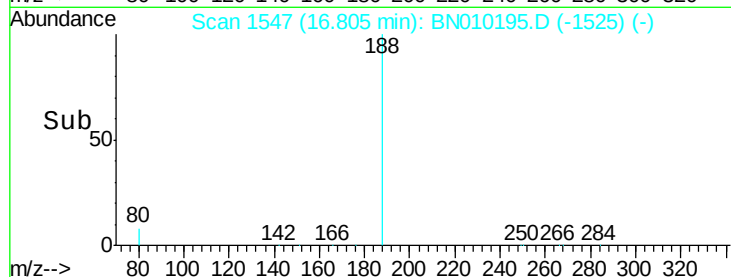
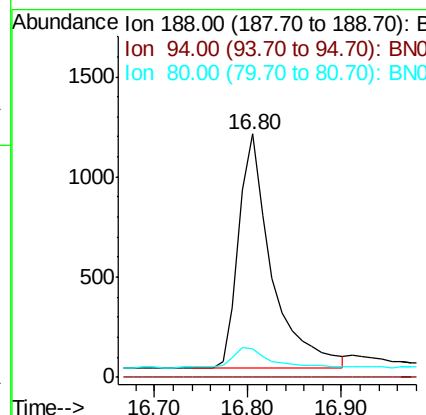
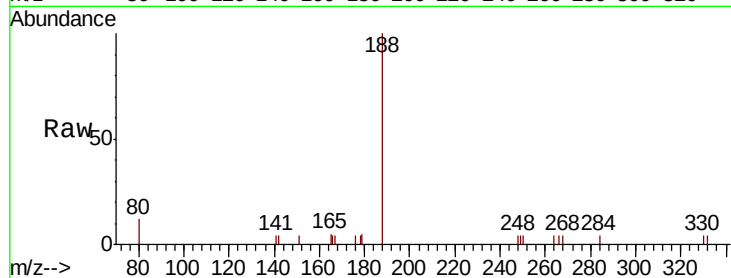
ClientSampleId :

RE134D1-20200305

Tot Ion:	188	Resp:	2884
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.7	8.3	12.5

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#25

Fluoranthene-d10

Concen: 0.340 ng

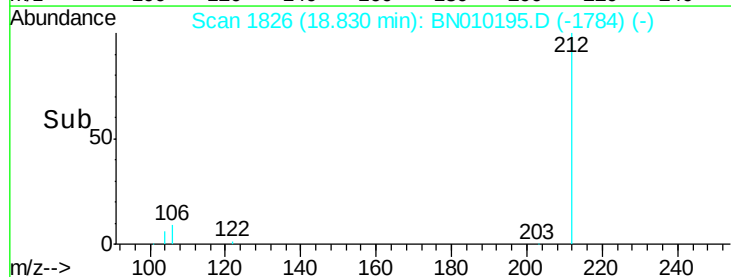
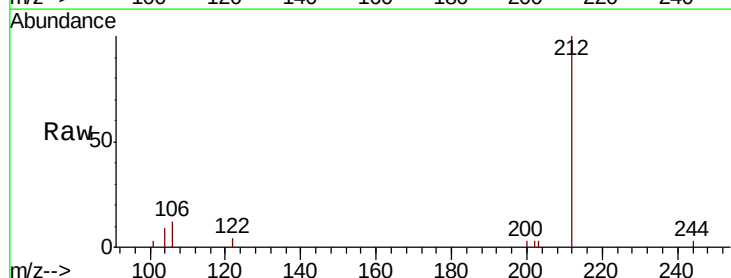
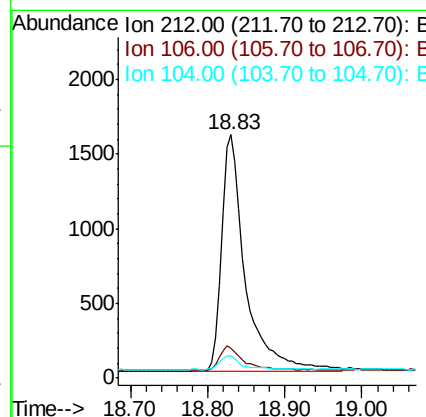
RT: 18.83 min Scan# 1826

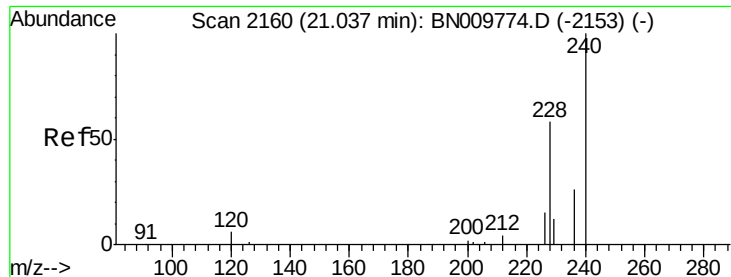
Delta R.T. 0.01 min

Lab File: BN010195.D

Acq: 11 Mar 2020 16:59

Tgt Ion:	212	Resp:	3390
Ion Ratio	Lower	Upper	
212	100		
106	10.2	8.4	12.6
104	5.6	4.8	7.2





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.00 min Scan# 2157

Delta R.T. 0.01 min

Lab File: BN010195.D

Acq: 11 Mar 2020 16:59

Instrument :

BNA_N

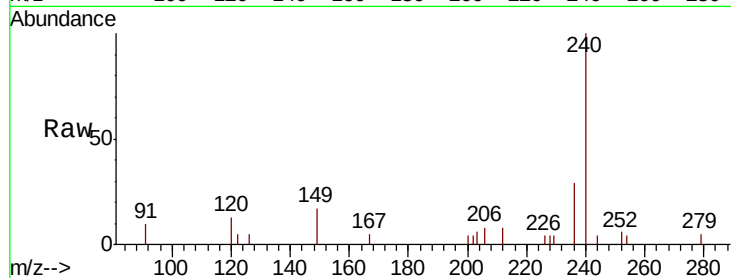
ClientSampleId :

RE134D1-20200305

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.0	7.9	11.9#
236	29.1	22.0	33.0

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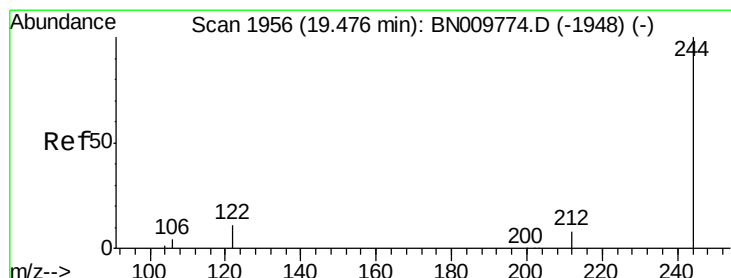
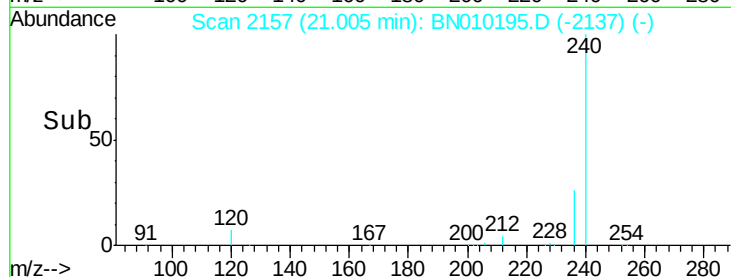
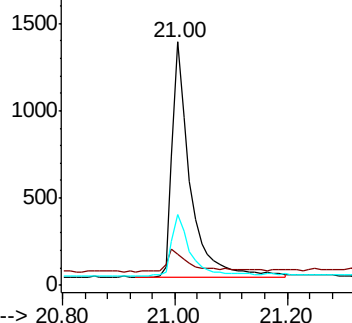


Abundance

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: 0.412 ng

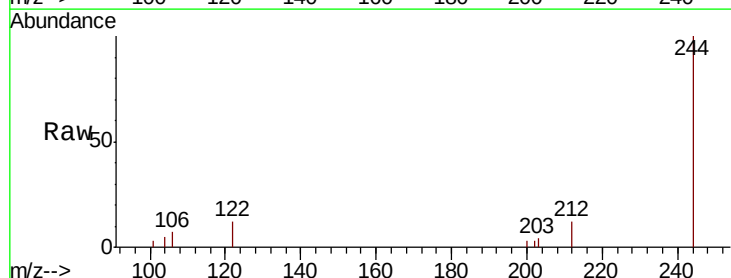
RT: 19.43 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BN010195.D

Acq: 11 Mar 2020 16:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	11.5	8.0	12.0
122	12.2	10.0	15.0

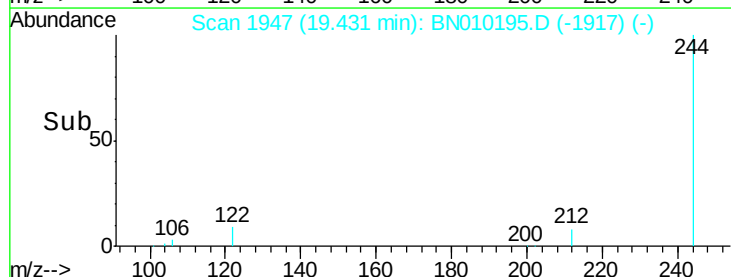
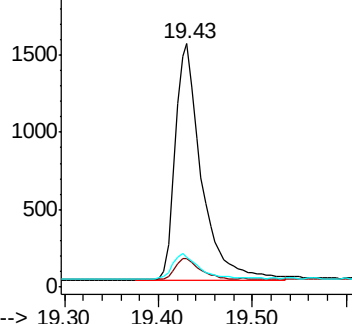


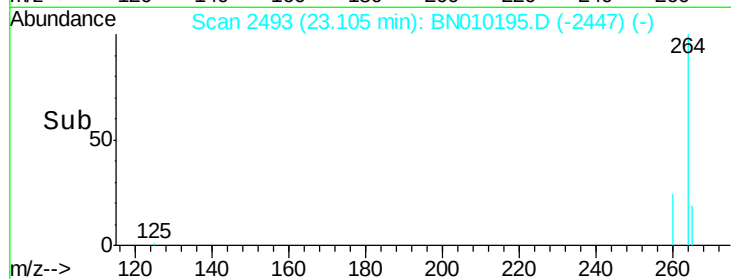
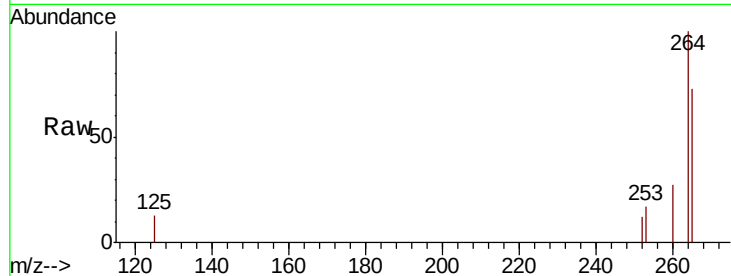
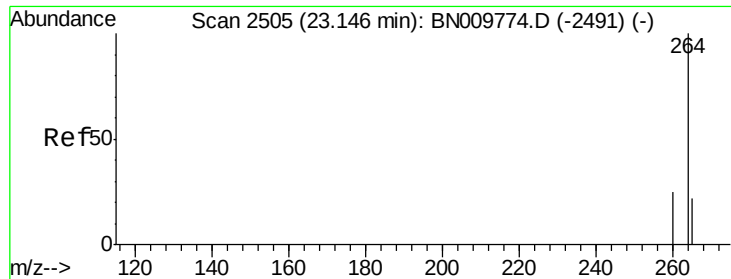
Abundance

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: 23.10 min Scan# 2493
Delta R.T. 0.01 min
Lab File: BN010195.D
Acq: 11 Mar 2020 16:59

Tot Ion:	264	Resp:	3198
Ion Ratio	Lower	Upper	
264	100		
260	26.6	21.1	31.7
265	73.3	57.5	86.3

Instrument :
BNA_N
ClientSampleId :
RE134D1-20200305

Manual Integrations
APPROVED

mohammad
3/16/2020 1:45:33 PM

