

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\
 Data File : BN010154.D
 Acq On : 09 Mar 2020 20:31
 Operator : CG/JU
 Sample : L1842-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20200304

Manual Integrations
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Quant Time: Mar 09 22:32:44 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	7.39	152	657	0.40	ng	-0.03
7) Naphthalene-d8	10.16	136	2175	0.40	ng	-0.01
13) Acenaphthene-d10	14.01	164	1569	0.40	ng	-0.04
19) Phenanthrene-d10	16.79	188	3246	0.40	ng	-0.02
27) Chrysene-d12	21.00	240	3277	0.40	ng	-0.03
34) Perylene-d12	23.10	264	3288	0.40	ng	-0.04

System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	290	0.20	ng	-0.02
5) Phenol-d6	6.74	99	230m	0.13	ng	0.09
8) Nitrobenzene-d5	8.67	82	852m	0.47	ng	0.08
11) 2-Methylnaphthalene-d10	11.76	152	1550	0.37	ng	-0.02
14) 2,4,6-Tribromophenol	15.57	330	300	0.50	ng	-0.01
15) 2-Fluorobiphenyl	12.65	172	2376	0.40	ng	-0.03
25) Fluoranthene-d10	18.83	212	4165	0.37	ng	-0.03
29) Terphenyl-d14	19.43	244	4070	0.52	ng	-0.05

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.04	88	3233m	4.805	ng	
9) Naphthalene	10.21	128	165	0.028	ng	# 1
12) 2-Methylnaphthalene	11.84	142	83	0.020	ng	# 62
17) Acenaphthene	14.08	154	223	0.047	ng	95
18) Fluorene	15.10	166	428	0.069	ng	95
23) Phenanthrene	16.84	178	1233	0.128	ng	98
24) Anthracene	16.94	178	169	0.021	ng	98
26) Fluoranthene	18.86	202	234	0.020	ng	# 86
32) Bis(2-ethylhexyl)phthalate	20.92	149	462	0.087	ng	98

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

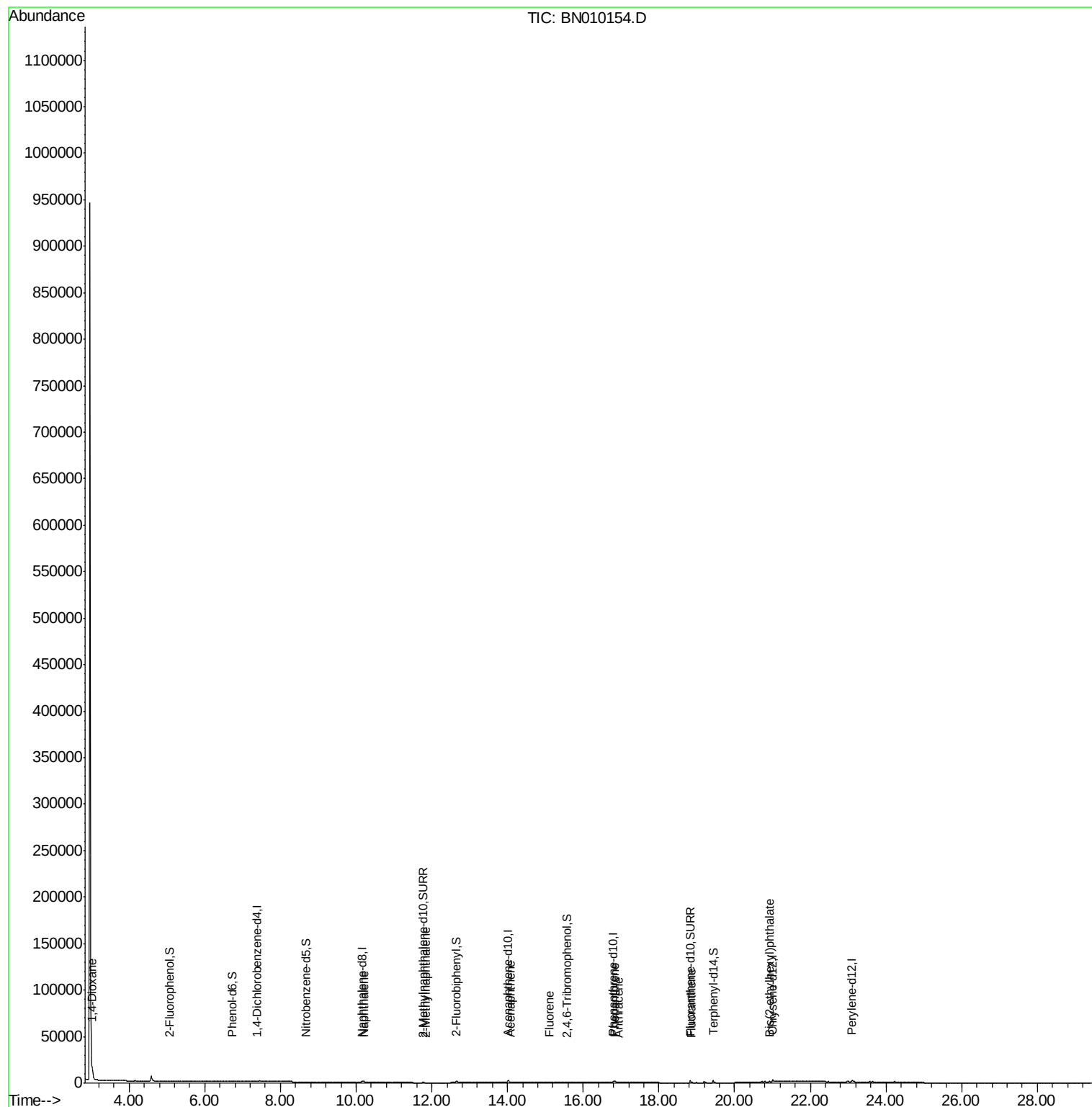
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\
Data File : BN010154.D
Acq On : 09 Mar 2020 20:31
Operator : CG/JU
Sample : L1842-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

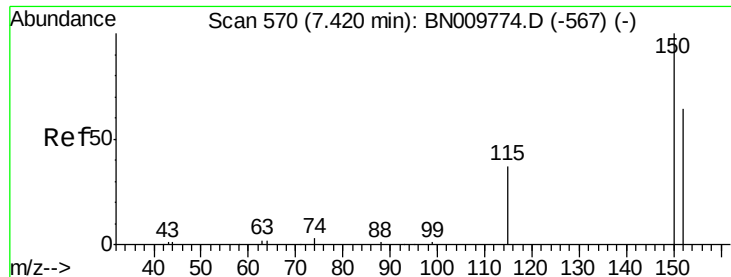
Instrument :
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ClientSampleId :
RE108D2-20200304

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#1

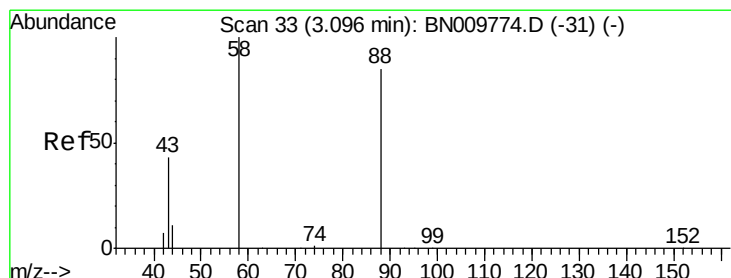
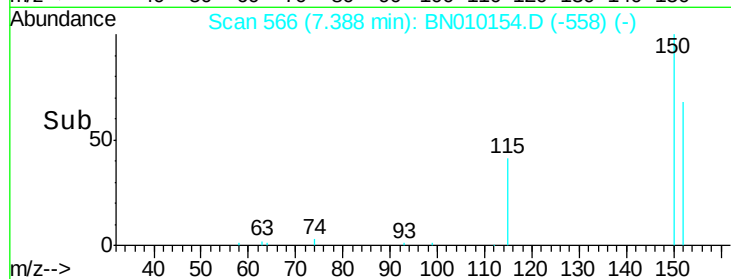
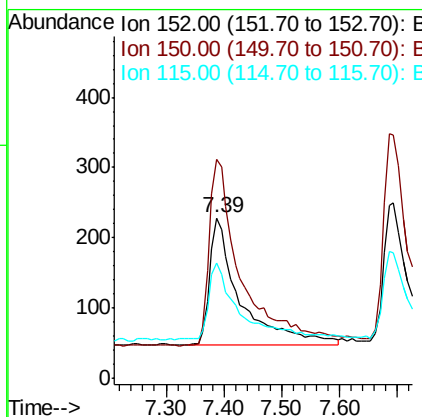
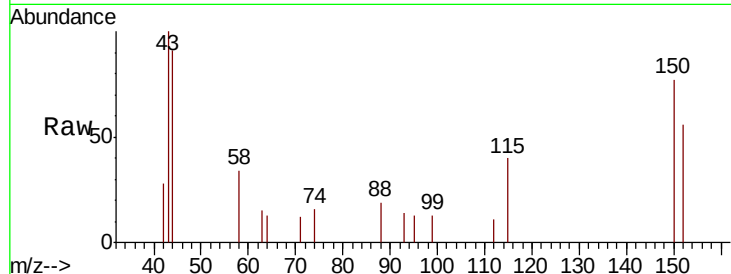
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.03 min
Lab File: BN010154.D
Acq: 09 Mar 2020 20:31

Instrument :
BNA_N
ClientSampleId :
RE108D2-20200304

Tot Ion	Ratio	Lower	Upper
152	100		
150	136.8	120.6	181.0
115	71.9	51.2	76.8

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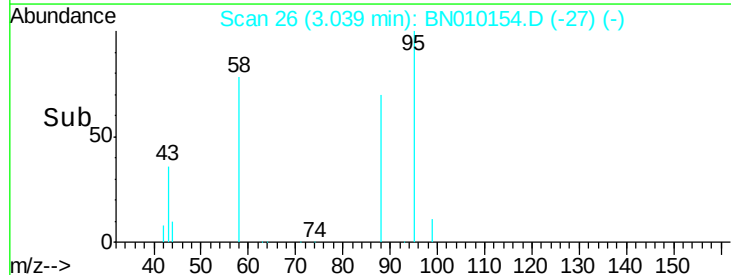
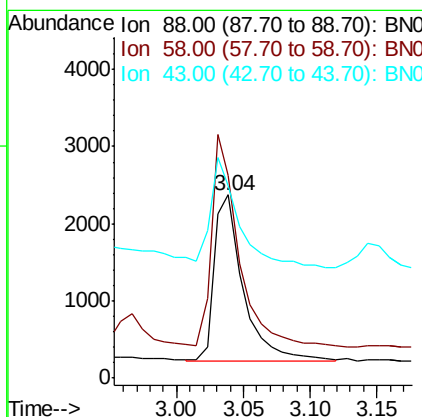
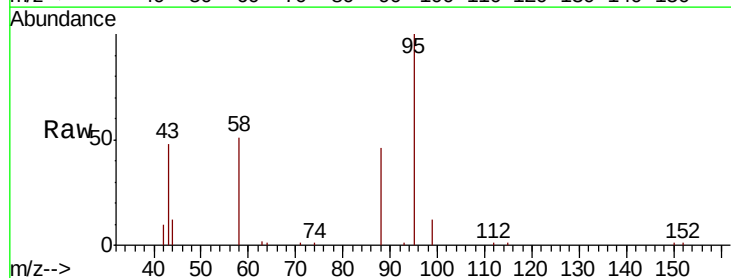
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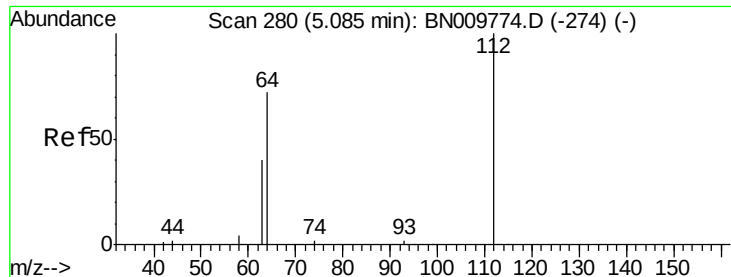


#2

1,4-Dioxane
Concen: 4.805 ng m
RT: 3.04 min Scan# 26
Delta R.T. -0.06 min
Lab File: BN010154.D
Acq: 09 Mar 2020 20:31

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: 0.199 ng

RT: 5.06 min Scan# 277

Delta R.T. -0.02 min

Lab File: BN010154.D

Acq: 09 Mar 2020 20:31

Instrument :

BNA_N

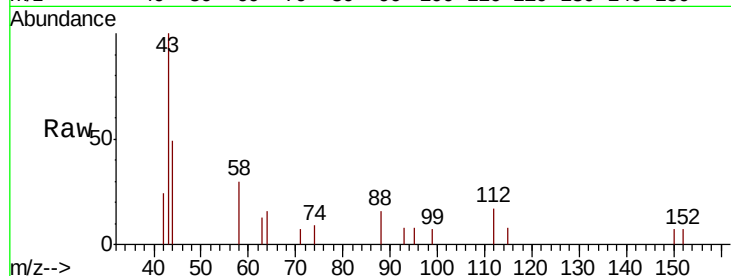
ClientSampleId :

RE108D2-20200304

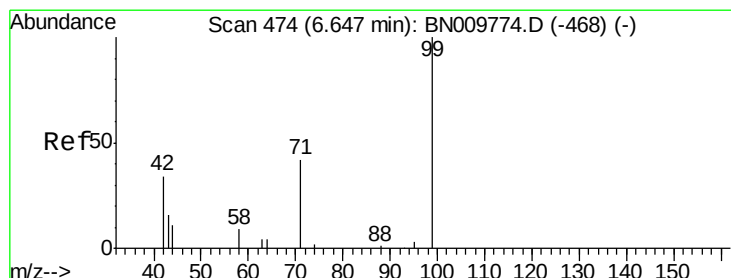
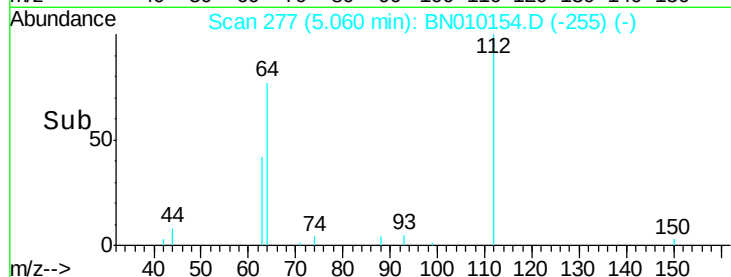
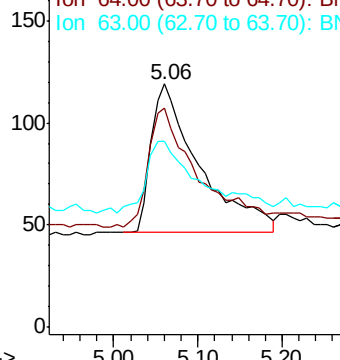
Tot Ion:	112	Resp:	290
Ion Ratio	Lower	Upper	
112	100		
64	82.8	65.8	98.6
63	46.2	38.7	58.1

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Abundance Ion 112.00 (111.70 to 112.70): BNC



#5

Phenol-d6

Concen: 0.129 ng m

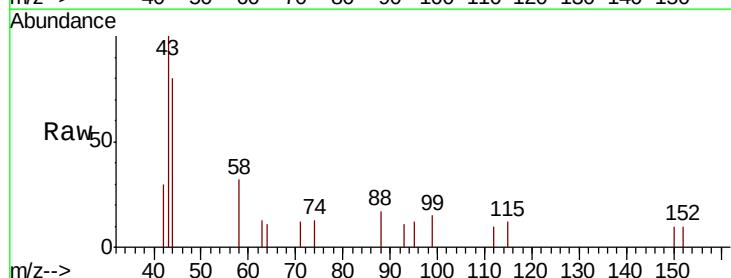
RT: 6.74 min Scan# 485

Delta R.T. 0.09 min

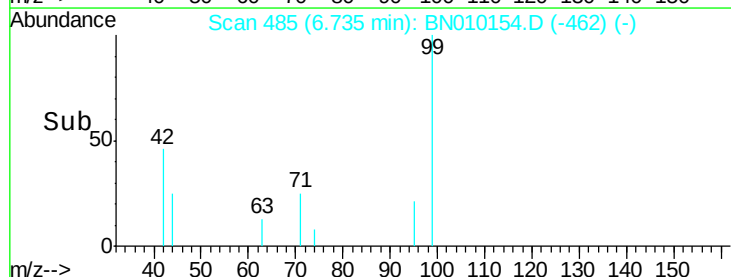
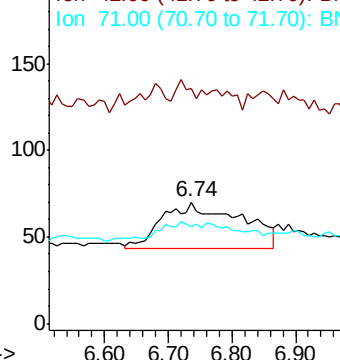
Lab File: BN010154.D

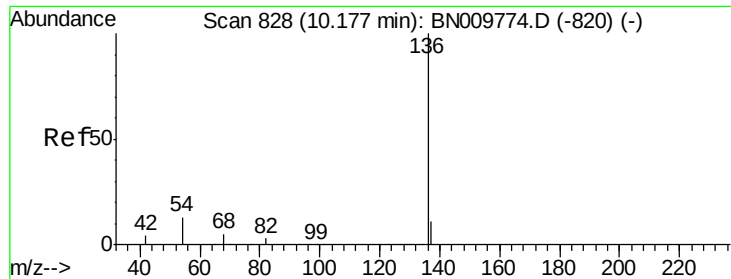
Acq: 09 Mar 2020 20:31

Tgt Ion:	99	Resp:	230
Ion Ratio	Lower	Upper	
99	100		
42	7.8	30.8	46.2#
71	12.2	34.9	52.3#



Abundance Ion 99.00 (98.70 to 99.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. -0.01 min

Lab File: BN010154.D

Acq: 09 Mar 2020 20:31

Instrument :

BNA_N

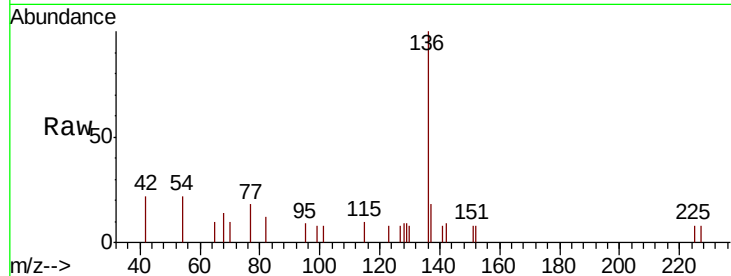
ClientSampleId :

RE108D2-20200304

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		2175		
137	18.3		11.3	16.9#	
54	22.2		13.4	20.2#	
68	14.2		7.0	10.4#	

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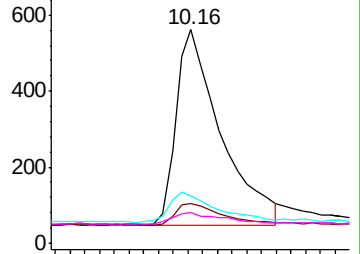


Abundance Ion 136.00 (135.70 to 136.70): E

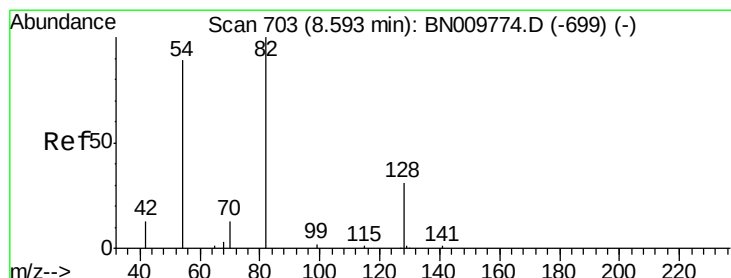
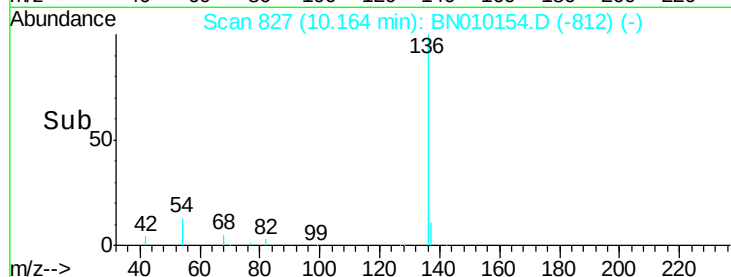
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.471 ng m

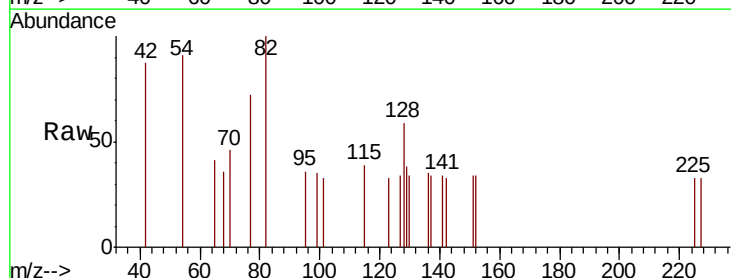
RT: 8.67 min Scan# 709

Delta R.T. 0.08 min

Lab File: BN010154.D

Acq: 09 Mar 2020 20:31

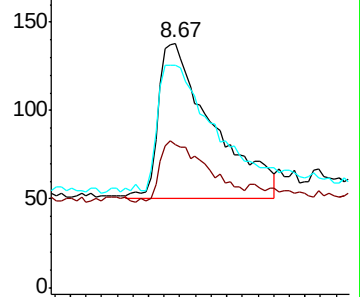
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		852		
128	58.7		32.5	48.7#	
54	91.3		73.5	110.3	



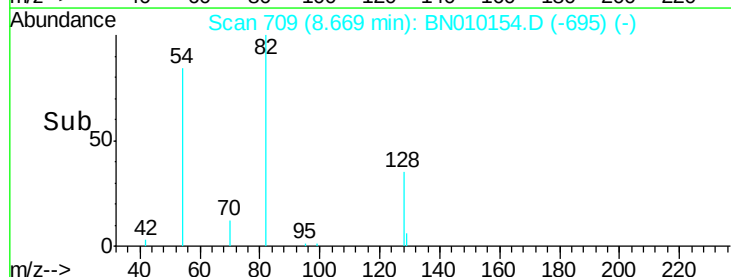
Abundance Ion 82.00 (81.70 to 82.70): BNC

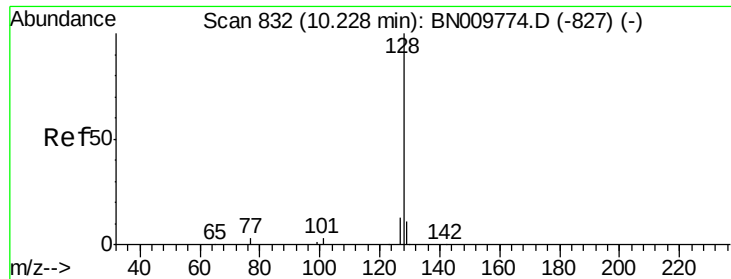
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time-->





#9

Naphthalene

Concen: 0.028 ng

RT: 10.21 min Scan# 831

Delta R.T. -0.01 min

Lab File: BN010154.D

Acq: 09 Mar 2020 20:31

Instrument :

BNA_N

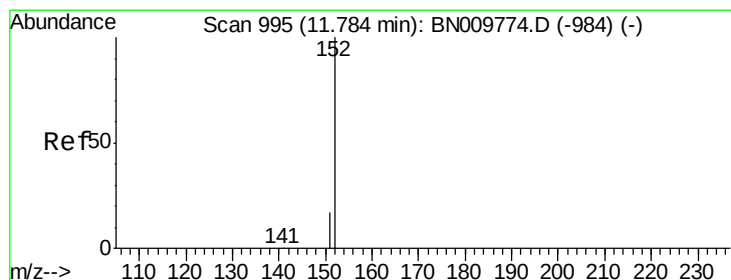
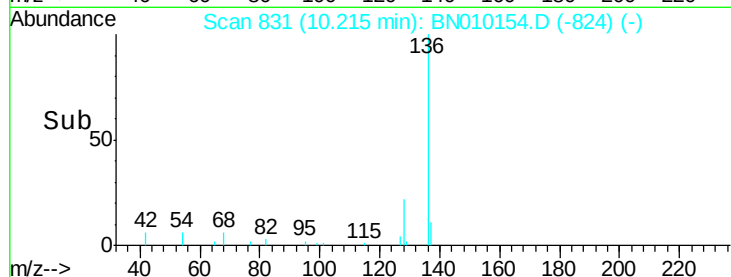
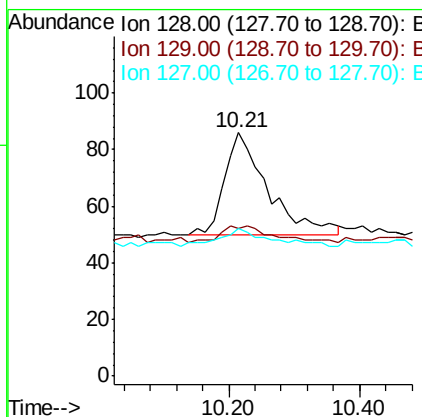
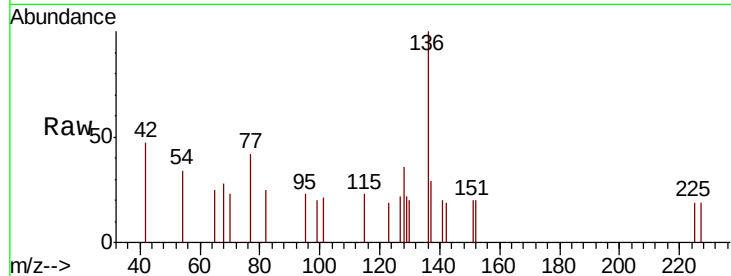
ClientSampleId :

RE108D2-20200304

Tot Ion:	128	Resp:	165
Ion	Ratio	Lower	Upper
128	100		
129	60.5	11.1	16.7#
127	60.5	12.6	19.0#

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#11

2-Methylnaphthalene-d10

Concen: 0.368 ng

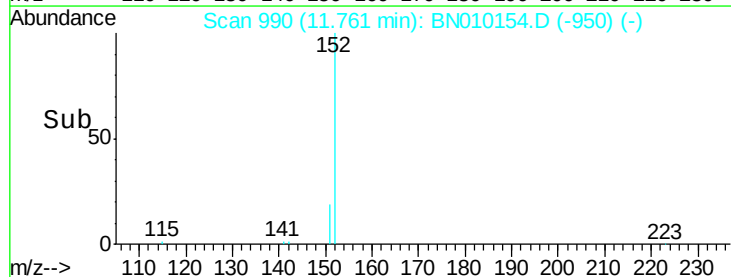
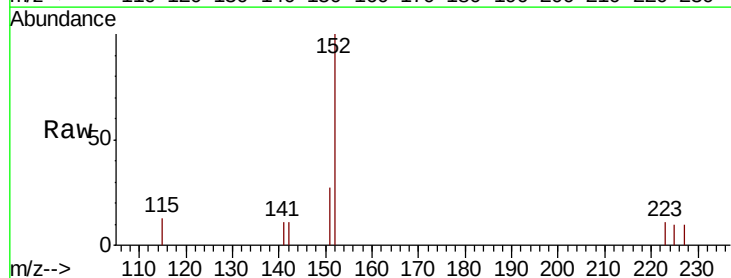
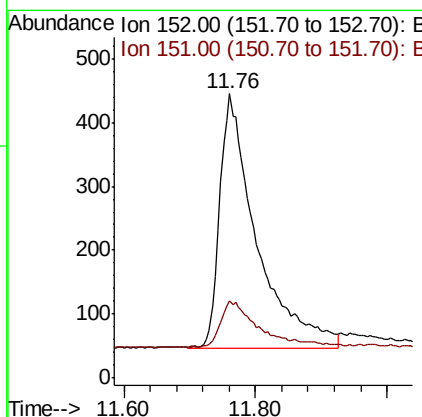
RT: 11.76 min Scan# 990

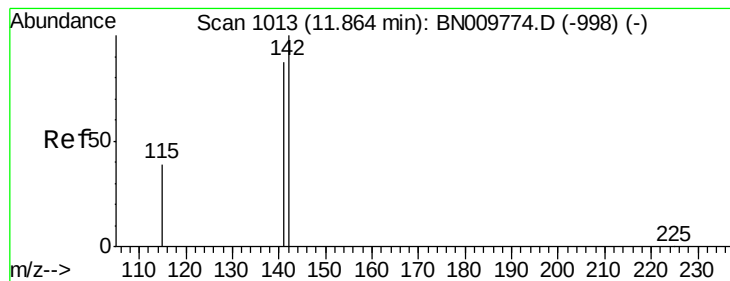
Delta R.T. -0.02 min

Lab File: BN010154.D

Acq: 09 Mar 2020 20:31

Tgt Ion:	152	Resp:	1550
Ion	Ratio	Lower	Upper
152	100		
151	17.1	15.1	22.7





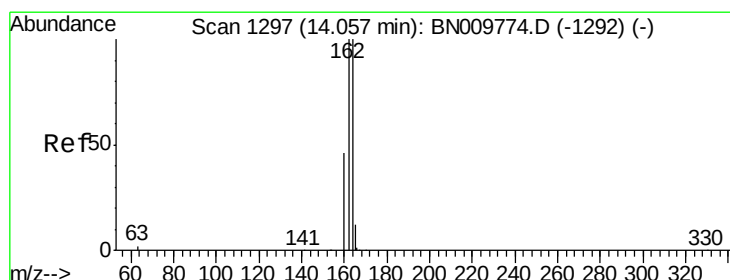
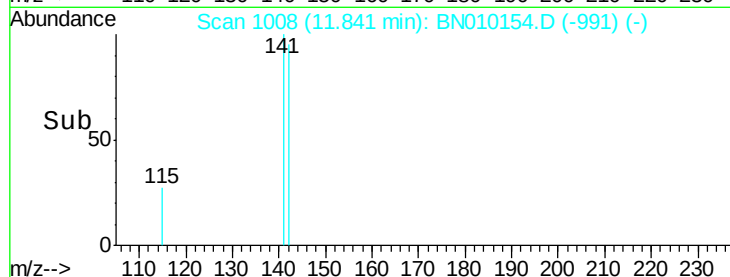
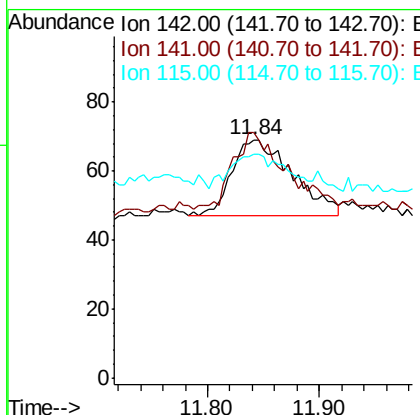
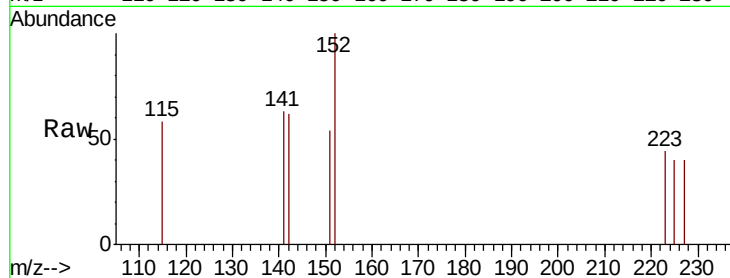
#12
2-Methylnaphthalene
Concen: 0.020 ng
RT: 11.84 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BN010154.D
Acq: 09 Mar 2020 20:31

Instrument :
BNA_N
ClientSampleId :
RE108D2-20200304

Tot Ion	Ratio	Lower	Upper
142	100		
141	102.9	69.8	104.6
115	94.2	34.6	52.0

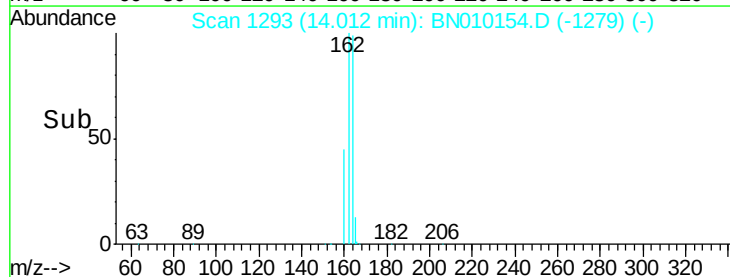
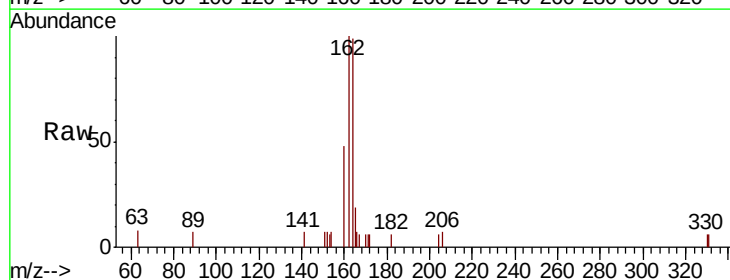
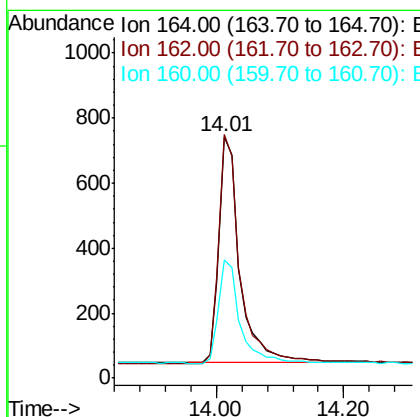
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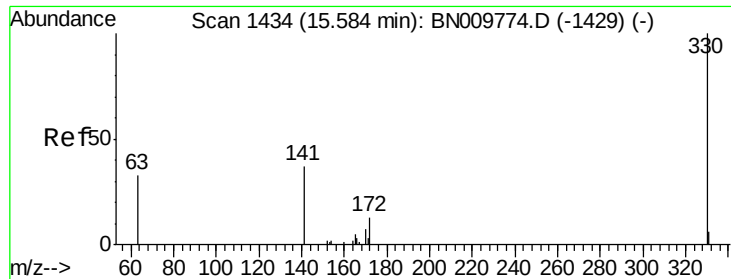
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1293
Delta R.T. -0.04 min
Lab File: BN010154.D
Acq: 09 Mar 2020 20:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	79.9	119.9
160	48.9	38.2	57.2





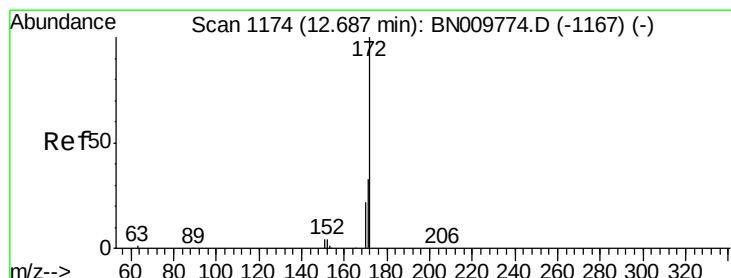
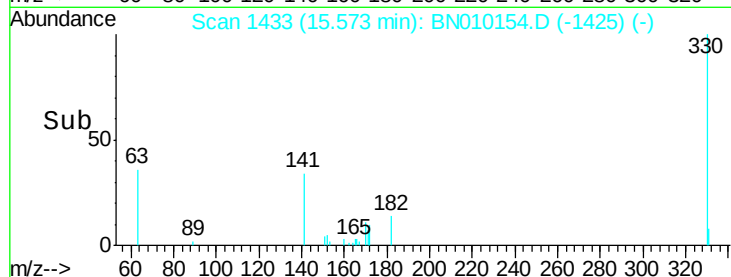
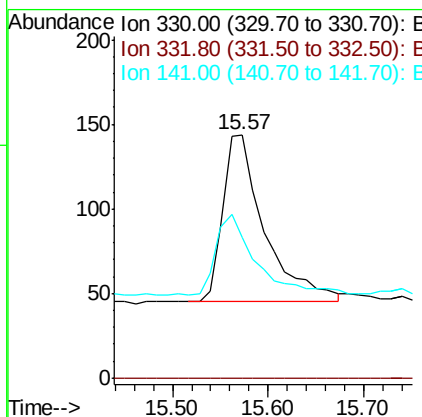
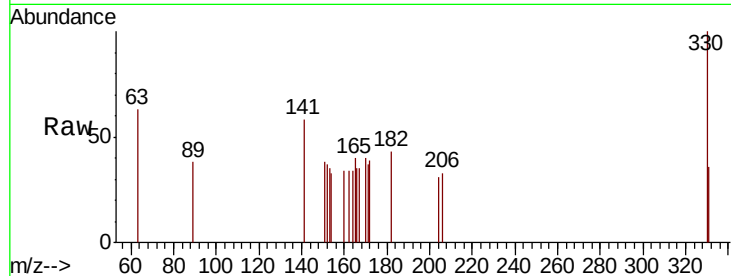
#14
 2,4,6-Tribromophenol
 Concen: 0.496 ng
 RT: 15.57 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BN010154.D
 Acq: 09 Mar 2020 20:31

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20200304

Tot Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	46.7	36.8	55.2

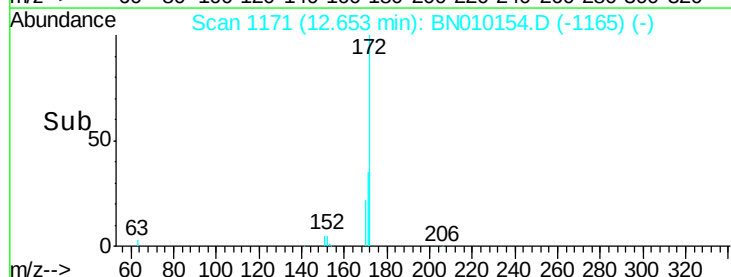
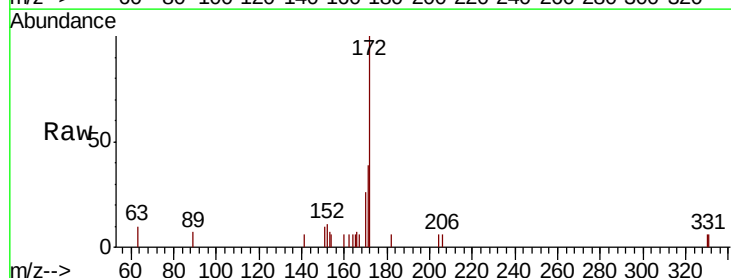
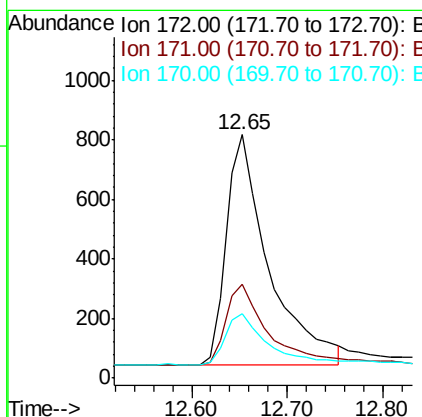
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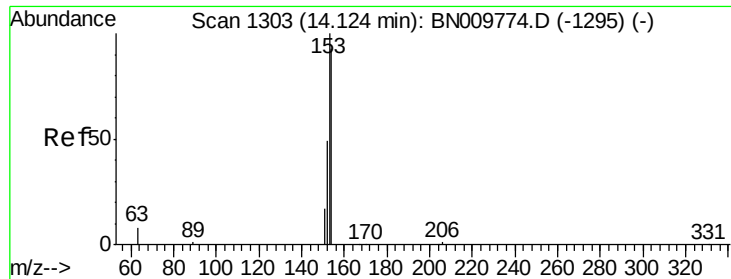
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#15
 2-Fluorobiphenyl
 Concen: 0.401 ng
 RT: 12.65 min Scan# 1171
 Delta R.T. -0.03 min
 Lab File: BN010154.D
 Acq: 09 Mar 2020 20:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	28.7	43.1
170	26.4	20.1	30.1





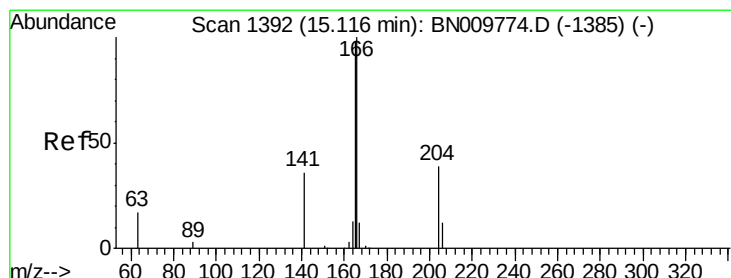
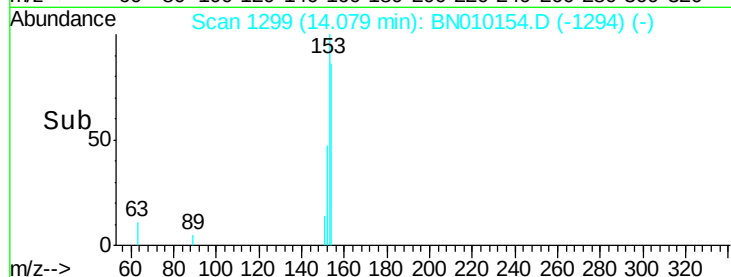
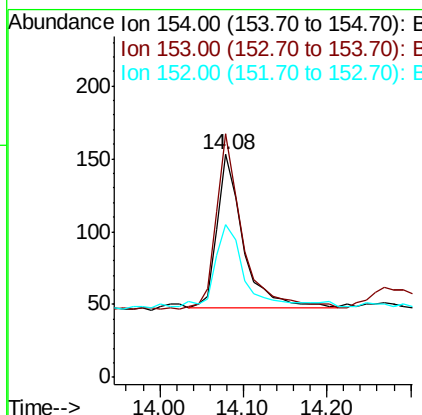
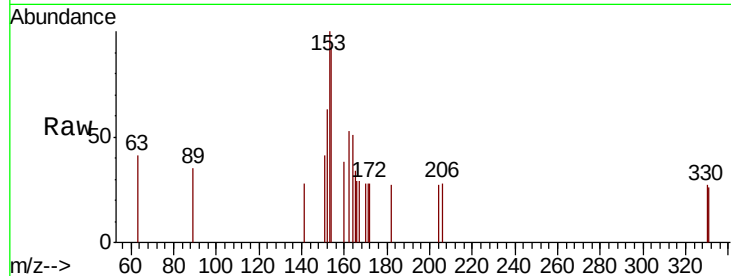
#17
Acenaphthene
Concen: 0.047 ng
RT: 14.08 min Scan# 1299
Delta R.T. -0.04 min
Lab File: BN010154.D
Acq: 09 Mar 2020 20:31

Instrument :
BNA_N
ClientSampleId :
RE108D2-20200304

Tot Ion	Ratio	Lower	Upper
154	100		
153	117.9	88.9	133.3
152	56.1	44.2	66.2

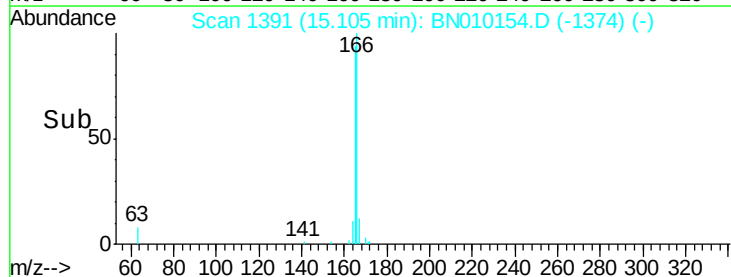
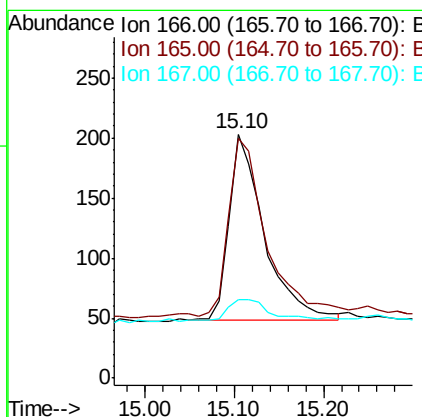
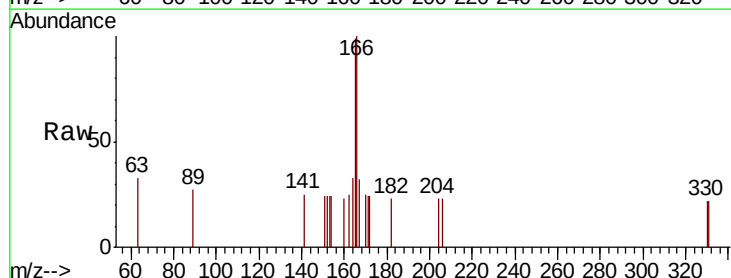
Manual Integrations
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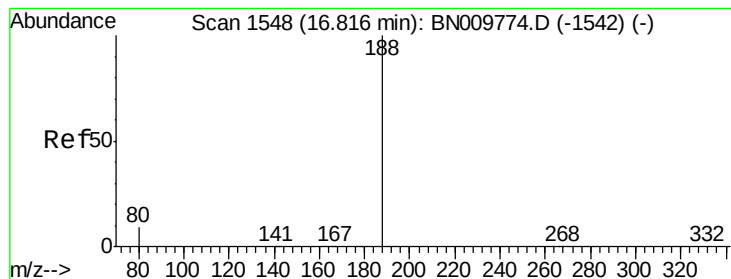
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#18
Fluorene
Concen: 0.069 ng
RT: 15.10 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BN010154.D
Acq: 09 Mar 2020 20:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.6	77.2	115.8
167	14.5	10.5	15.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.79 min Scan# 1546

Delta R.T. -0.02 min

Lab File: BN010154.D

Acq: 09 Mar 2020 20:31

Instrument :

BNA_N

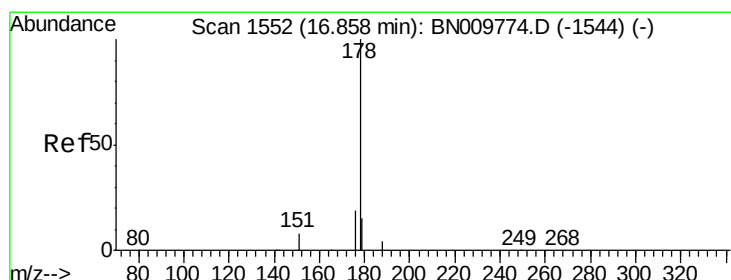
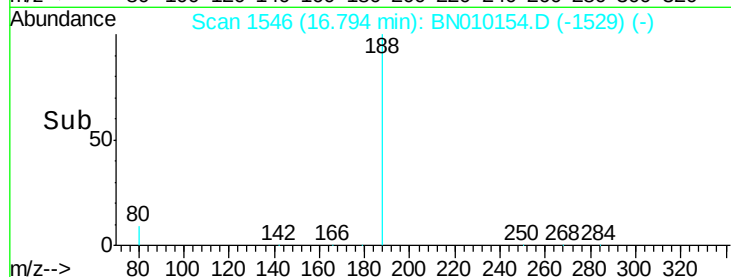
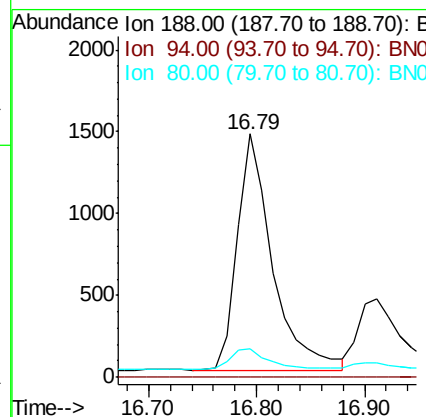
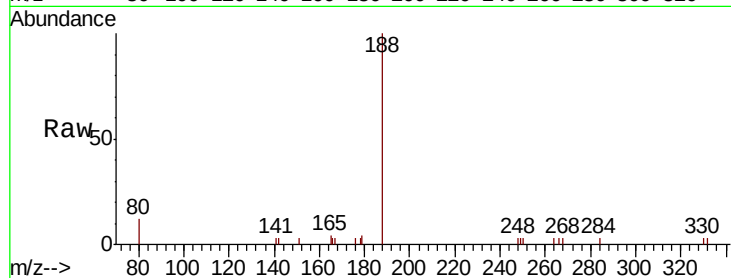
ClientSampleId :

RE108D2-20200304

Tot Ion:	188	Resp:	3246
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.0	8.3	12.5

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#23

Phenanthrene

Concen: 0.128 ng

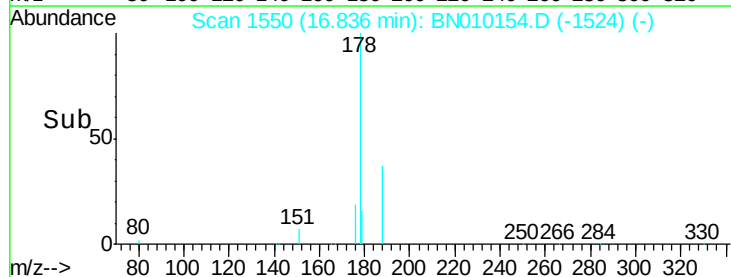
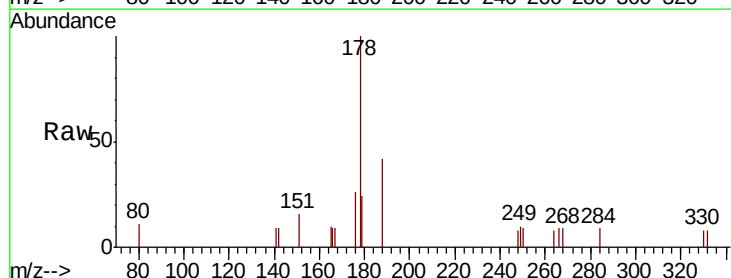
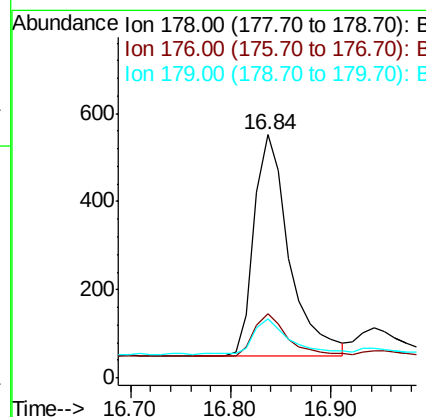
RT: 16.84 min Scan# 1550

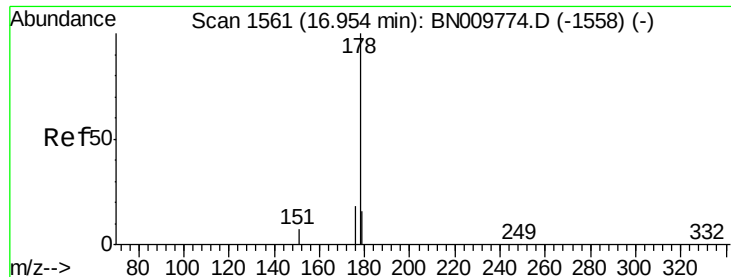
Delta R.T. -0.02 min

Lab File: BN010154.D

Acq: 09 Mar 2020 20:31

Tgt Ion:	178	Resp:	1233
Ion Ratio	Lower	Upper	
178	100		
176	19.8	15.3	22.9
179	16.4	12.4	18.6





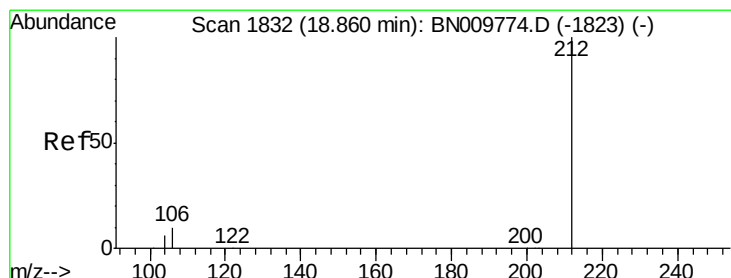
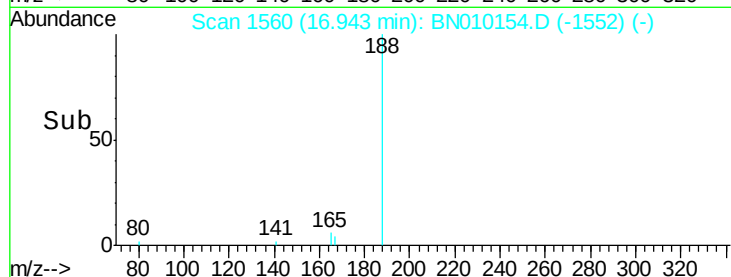
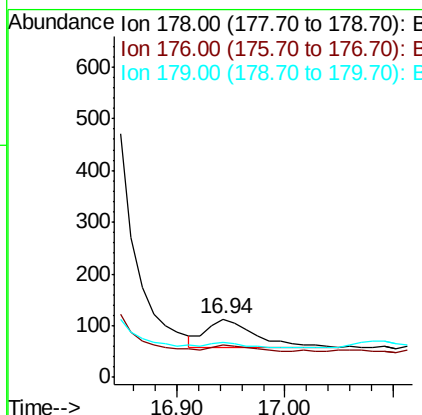
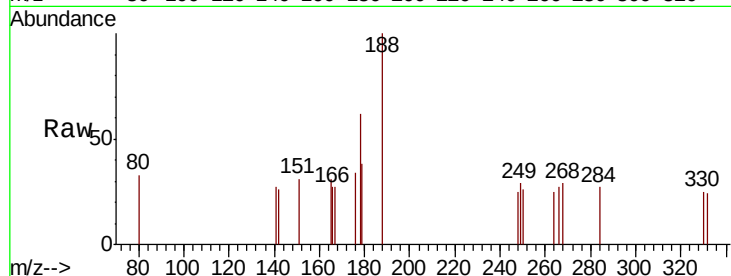
#24
 Anthracene
 Concen: 0.021 ng
 RT: 16.94 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BN010154.D
 Acq: 09 Mar 2020 20:31

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20200304

Tot Ion	Ratio	Lower	Upper
178	100		
176	16.0	14.3	21.5
179	15.4	12.4	18.6

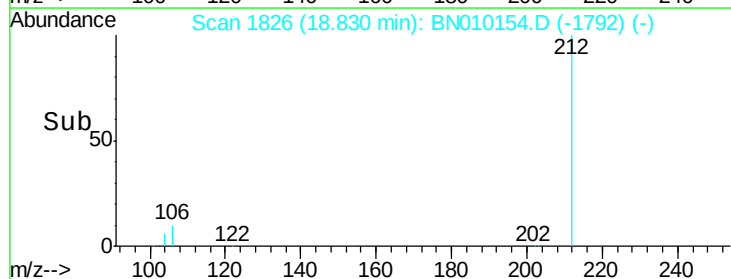
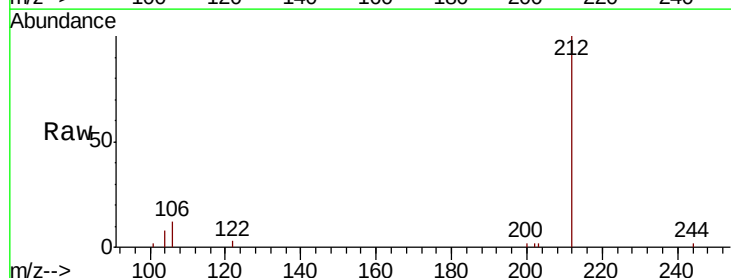
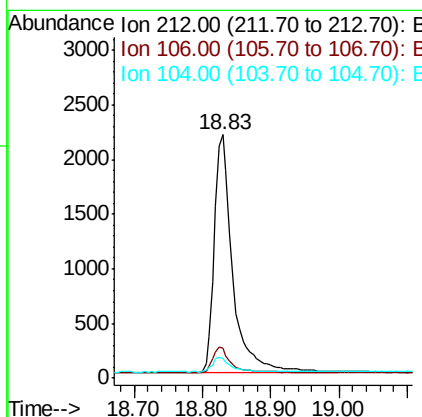
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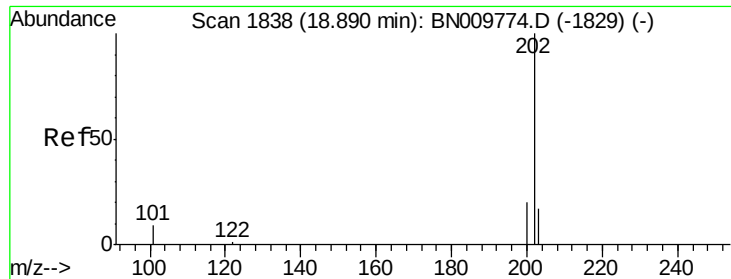
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#25
 Fluoranthene-d10
 Concen: 0.371 ng
 RT: 18.83 min Scan# 1826
 Delta R.T. -0.03 min
 Lab File: BN010154.D
 Acq: 09 Mar 2020 20:31

Tgt Ion	Ratio	Lower	Upper
212	100		
106	10.4	8.4	12.6
104	6.1	4.8	7.2





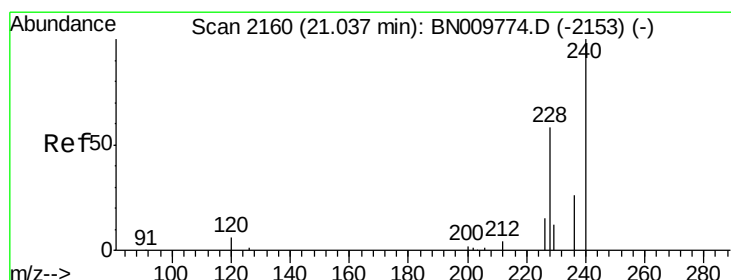
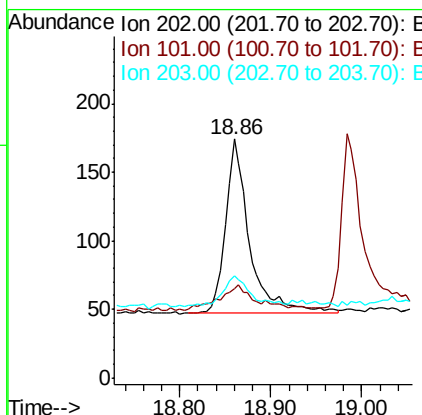
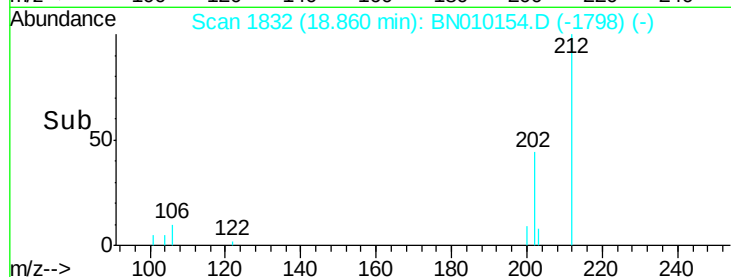
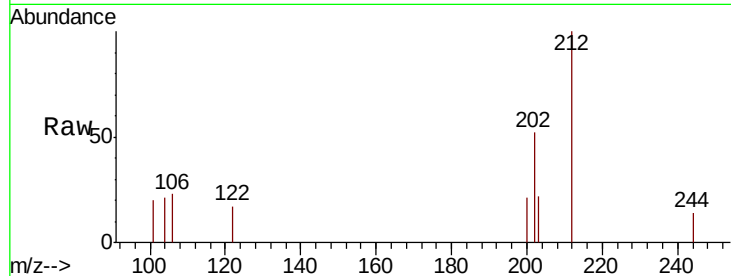
#26
Fluoranthene
Concen: 0.020 ng
RT: 18.86 min Scan# 1832
Delta R.T. -0.03 min
Lab File: BN010154.D
Acq: 09 Mar 2020 20:31

Instrument :
BNA_N
ClientSampleId :
RE108D2-20200304

Tot Ion	Ratio	Lower	Upper
202	100		
101	18.8	7.1	10.7#
203	20.5	13.8	20.6

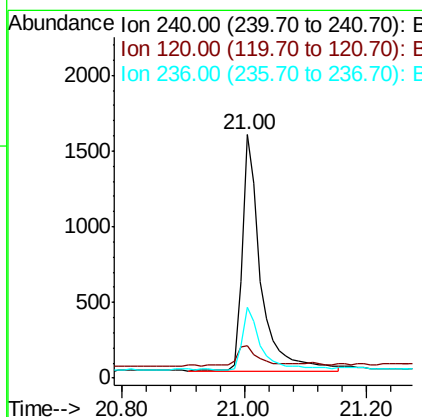
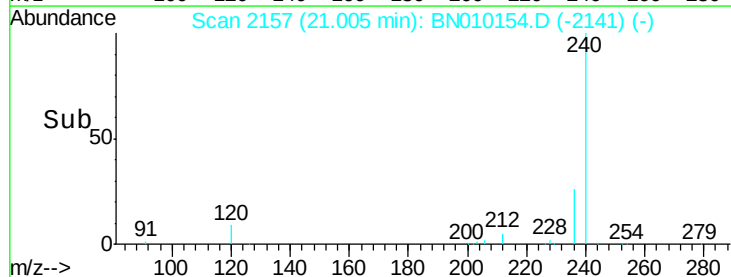
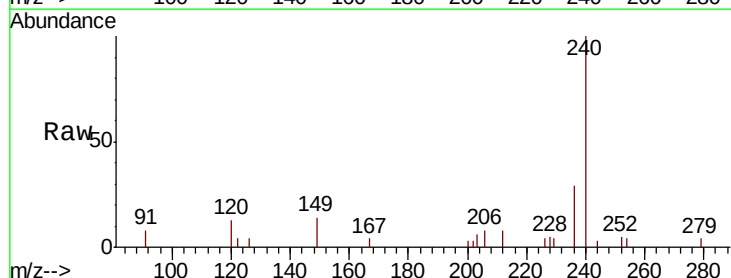
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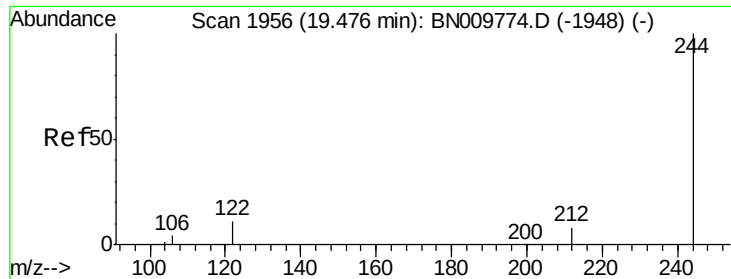
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#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.03 min
Lab File: BN010154.D
Acq: 09 Mar 2020 20:31

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





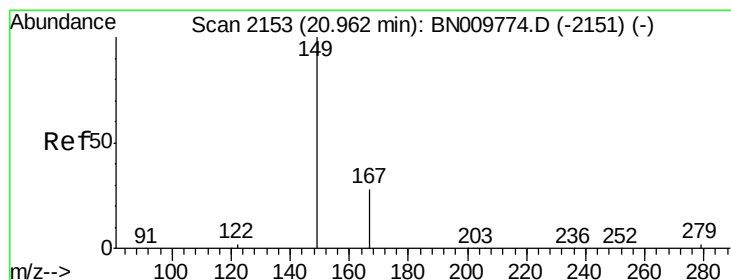
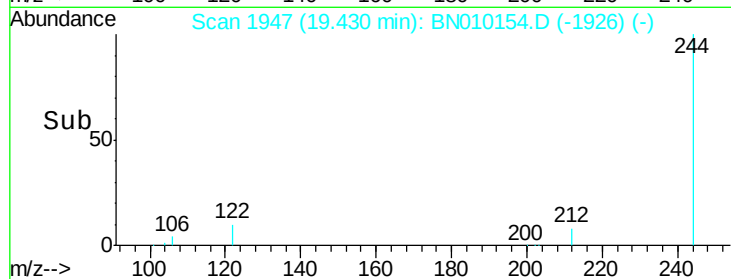
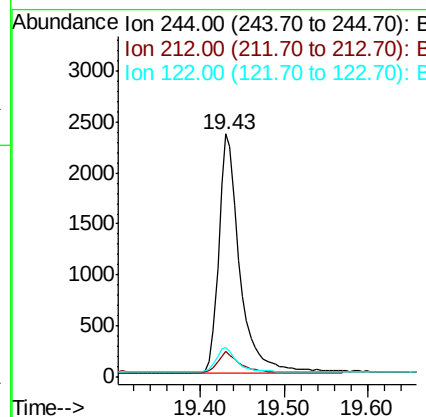
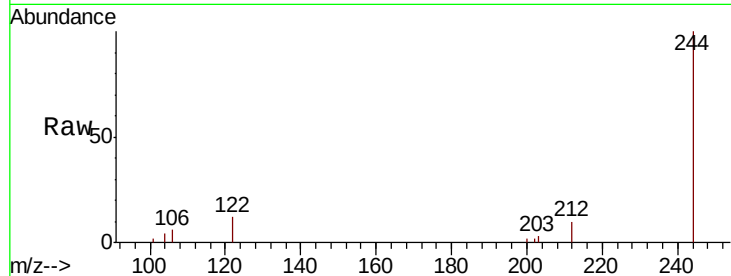
#29
 Terphenyl-d14
 Concen: 0.520 ng
 RT: 19.43 min Scan# 1947
 Delta R.T. -0.05 min
 Lab File: BN010154.D
 Acq: 09 Mar 2020 20:31

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20200304

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.5	8.0	12.0
122	12.4	10.0	15.0

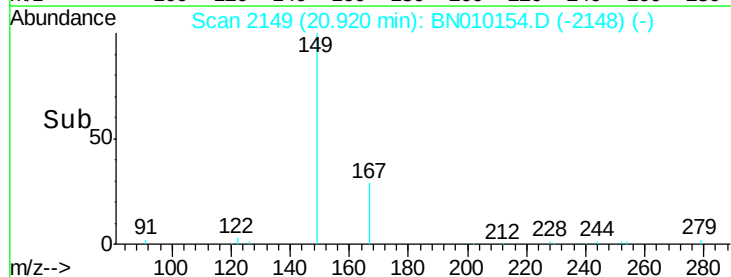
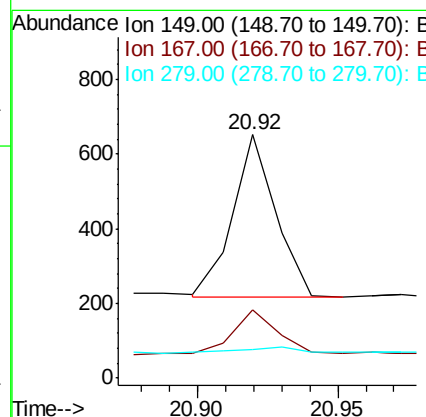
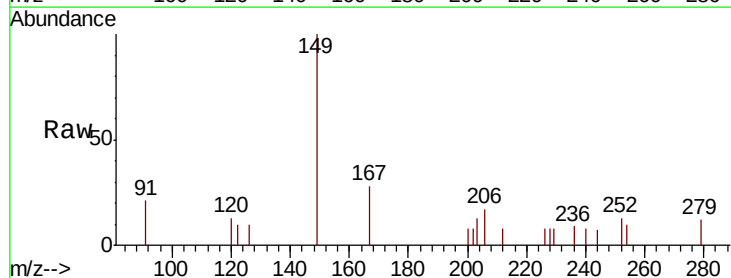
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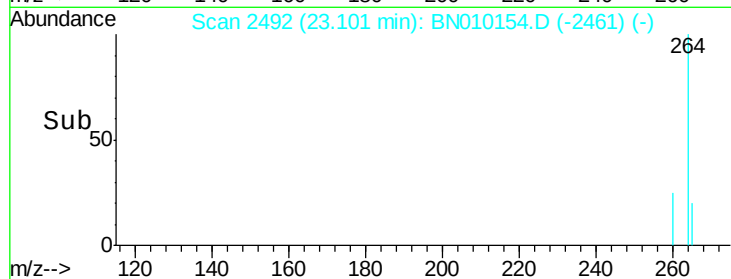
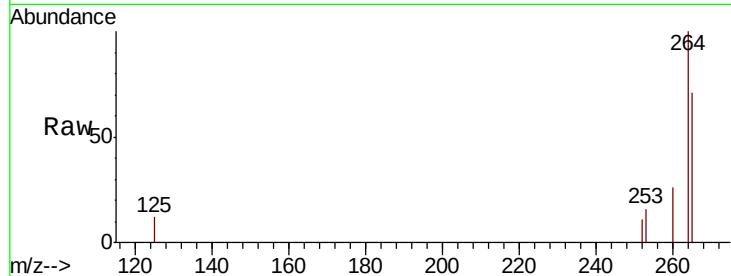
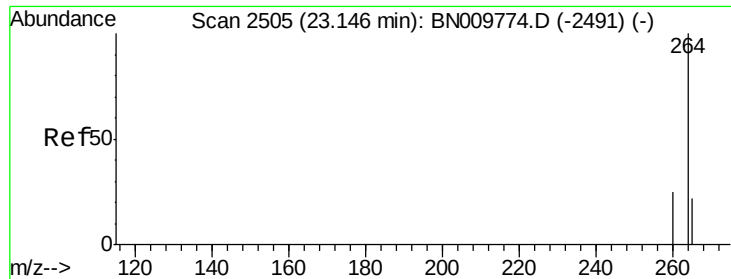
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#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.087 ng
 RT: 20.92 min Scan# 2149
 Delta R.T. -0.04 min
 Lab File: BN010154.D
 Acq: 09 Mar 2020 20:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.7	34.1
279	4.3	3.1	4.7





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.10 min Scan# 2492
 Delta R.T. -0.04 min
 Lab File: BN010154.D
 Acq: 09 Mar 2020 20:31

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.0	21.1	31.7
265	71.4	57.5	86.3

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20200304

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