

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
 Data File : BN011596.D
 Acq On : 22 Aug 2020 20:33
 Operator : CG/JU
 Sample : L3729-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COMP-1-(0-1)

Manual Integrations
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Quant Time: Aug 24 03:08:16 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082120.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Aug 22 04:52:07 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	2258	0.40	ng	0.00
7) Naphthalene-d8	10.14	136	8855	0.40	ng	-0.01
13) Acenaphthene-d10	14.01	164	6001	0.40	ng	-0.01
19) Phenanthrene-d10	16.77	188	12160	0.40	ng	-0.01
29) Chrysene-d12	21.00	240	11687	0.40	ng	-0.01
36) Perylene-d12	23.10	264	11202	0.40	ng	-0.02

System Monitoring Compounds

4) 2-Fluorophenol	5.06	112	1972	0.41	ng	0.00
5) Phenol-d6	6.60	99	2343	0.48	ng	-0.02
8) Nitrobenzene-d5	8.53	82	2472	0.42	ng	-0.03
11) 2-Methylnaphthalene-d10	11.73	152	3502	0.22	ng	-0.02
14) 2,4,6-Tribromophenol	15.54	330	864	0.29	ng	-0.01
15) 2-Fluorobiphenyl	12.63	172	9607	0.39	ng	-0.03
27) Fluoranthene-d10	18.82	212	10430	0.25	ng	-0.01
31) Terphenyl-d14	19.44	244	14421	0.47	ng	-0.01

Target Compounds

						Qvalue
9) Naphthalene	10.17	128	17943	0.699	ng	96
12) 2-Methylnaphthalene	11.80	142	7074	0.401	ng	98
16) Acenaphthylene	13.74	152	36140	1.184	ng	100
17) Acenaphthene	14.08	154	1888	0.094	ng	# 93
18) Fluorene	15.08	166	9935	0.375	ng	# 91
24) Pentachlorophenol	16.44	266	121	0.041	ng	90
25) Phenanthrene	16.82	178	152293	3.978	ng	100
26) Anthracene	16.91	178	33938	1.063	ng	100
28) Fluoranthene	18.85	202	306123	6.217	ng	98
30) Pylene	19.22	202	376651	8.103	ng	98
32) Benzo(a)anthracene	20.99	228	150376m	3.918	ng	
33) Chrysene	21.04	228	135482	3.102	ng	98
34) Bis(2-ethylhexyl)phthalate	20.95	149	26484	1.511	ng	99
35) Indeno(1,2,3-cd)pyrene	25.12	276	155418	3.919	ng	98
37) Benzo(b)fluoranthene	22.49	252	213304m	5.151	ng	
38) Benzo(k)fluoranthene	22.53	252	70603m	1.431	ng	
39) Benzo(a)pyrene	23.01	252	158607	4.139	ng	# 75
40) Dibenzo(a,h)anthracene	25.13	278	26660	0.832	ng	# 85
41) Benzo(g,h,i)perylene	25.74	276	185323	4.849	ng	93

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

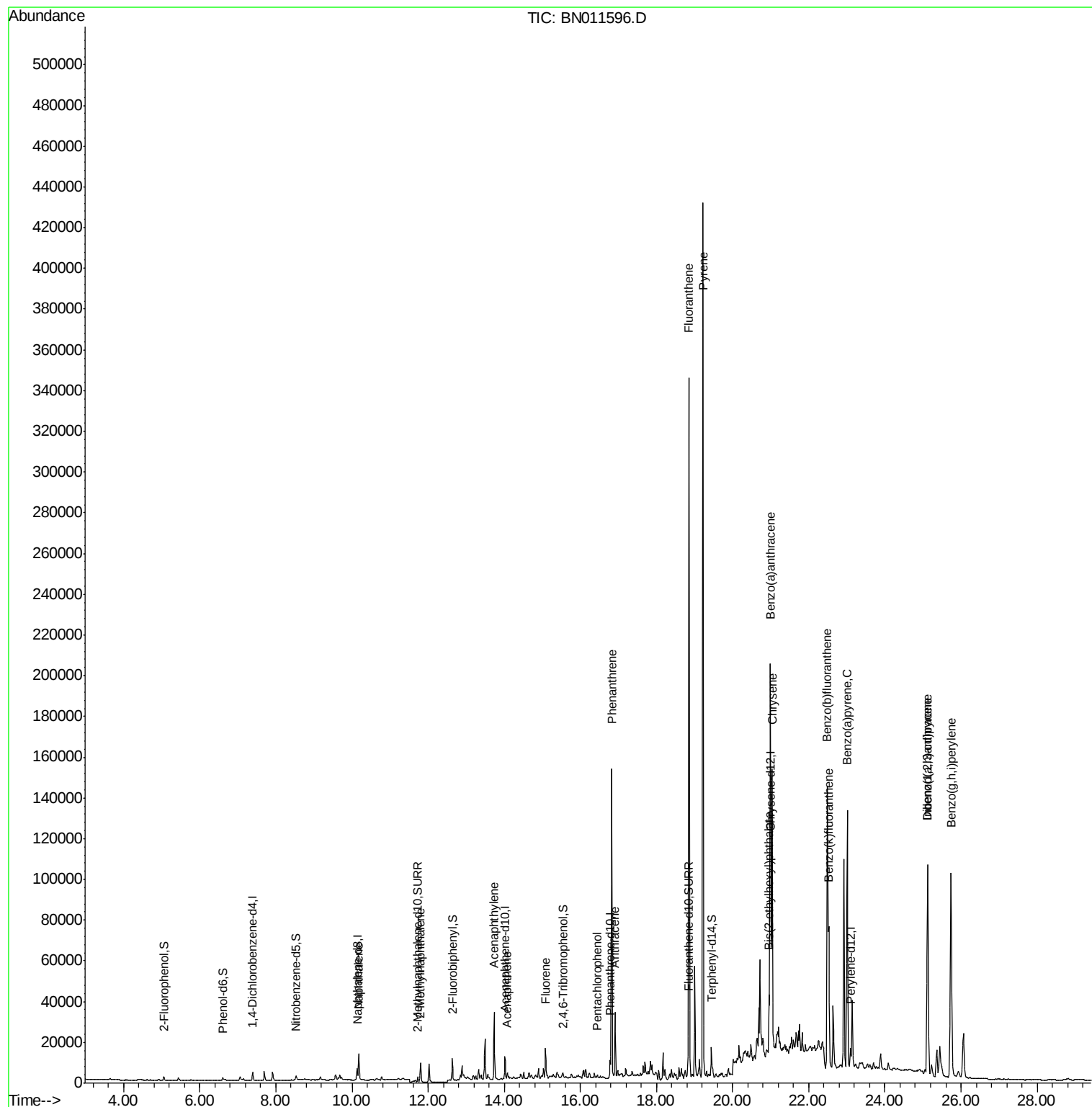
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
Data File : BN011596.D
Acq On : 22 Aug 2020 20:33
Operator : CG/JU
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Misc :
ALS Vial : 41 Sample Multiplier: 1

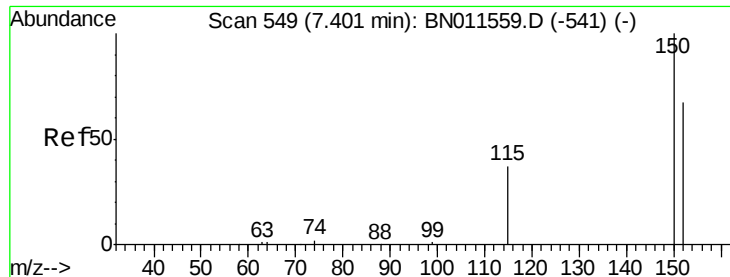
Instrument :
BNA_N
ClientSampleId :
COMP-1-(0-1)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

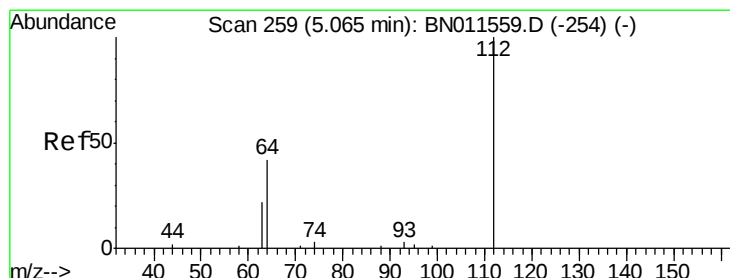
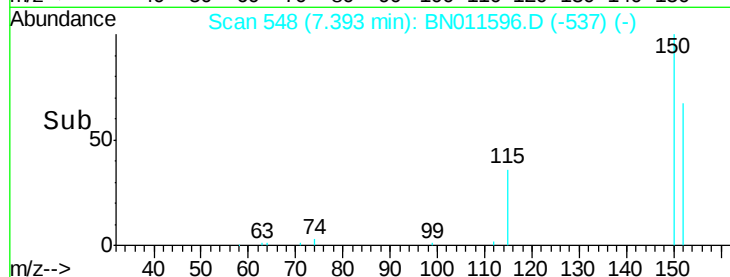
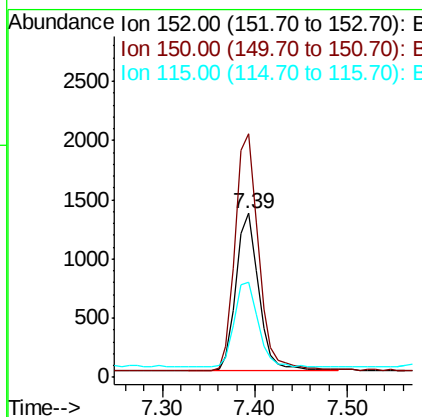
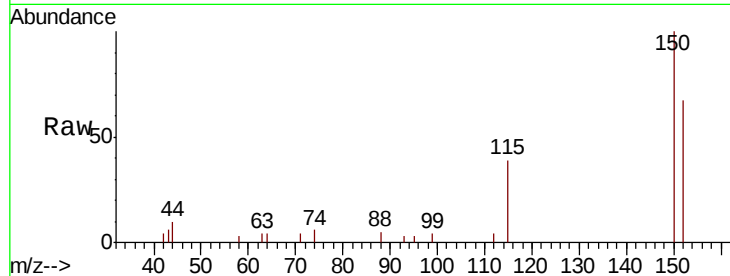
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 548
Delta R.T. -0.01 min
Lab File: BN011596.D
Acq: 22 Aug 2020 20:33

Instrument :
BNA_N
ClientSampleId :
COMP-1-(0-1)

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.3	117.1	175.7
115	58.3	48.7	73.1

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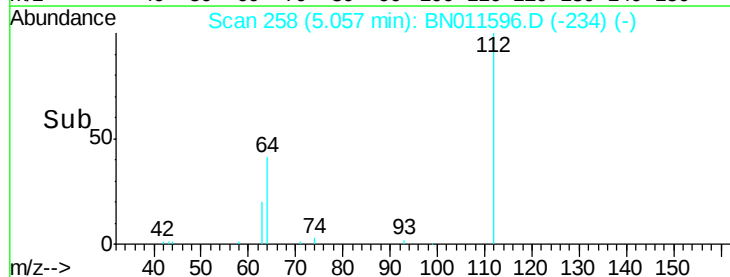
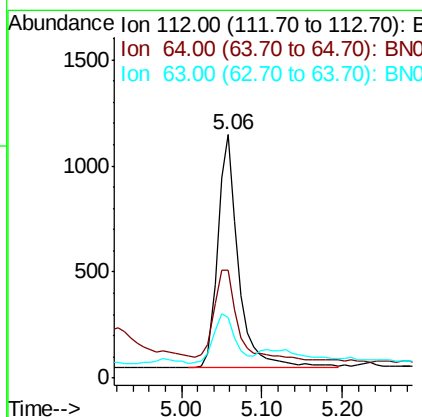
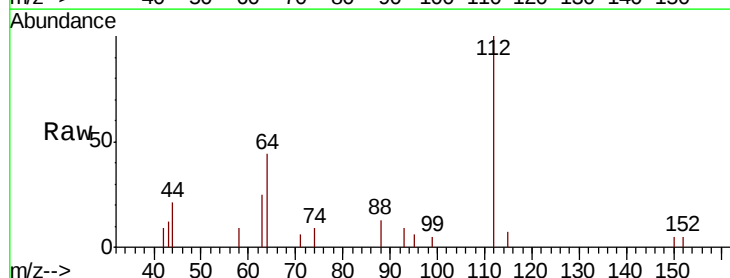
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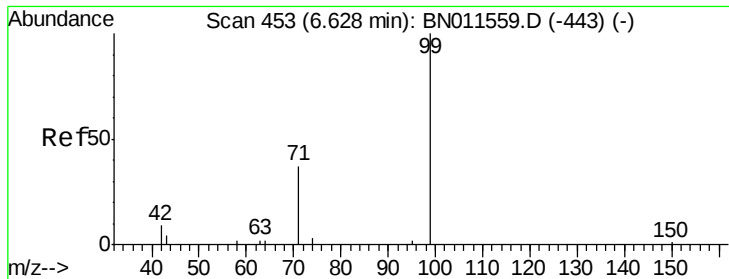


#4

2-Fluorophenol
Concen: 0.409 ng
RT: 5.06 min Scan# 258
Delta R.T. -0.01 min
Lab File: BN011596.D
Acq: 22 Aug 2020 20:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.2	33.9	50.9
63	21.0	17.7	26.5





#5

Phenol-d6

Concen: 0.481 ng

RT: 6.60 min Scan# 450

Delta R.T. -0.02 min

Lab File: BN011596.D

Acq: 22 Aug 2020 20:33

Instrument :

BNA_N

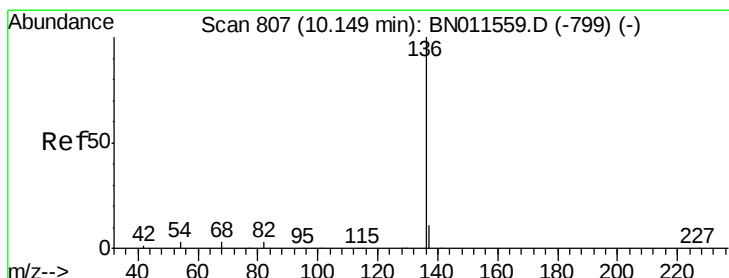
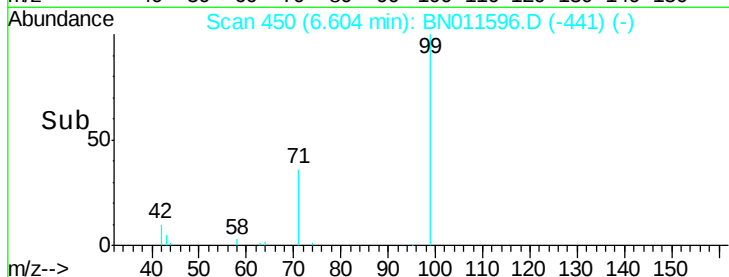
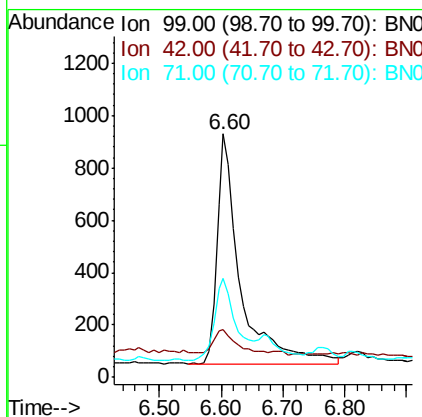
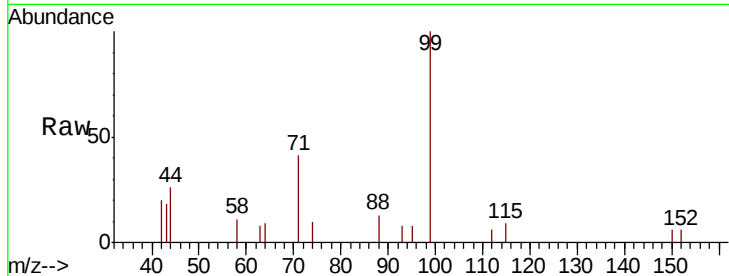
ClientSampleId :

COMP-1-(0-1)

Tot Ion:	99	Resp:	2343
Ion	Ratio	Lower	Upper
99	100		
42	9.2	9.0	13.4
71	32.5	30.4	45.6

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#7

Naphthalene-d8

Concen: 0.400 ng

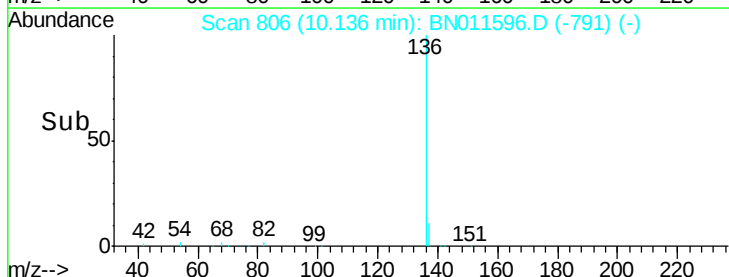
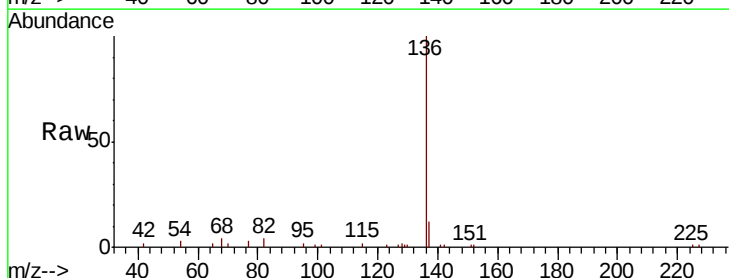
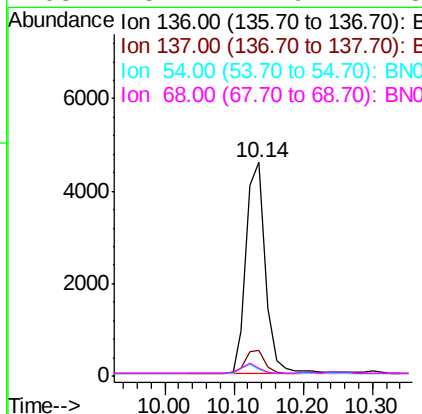
RT: 10.14 min Scan# 806

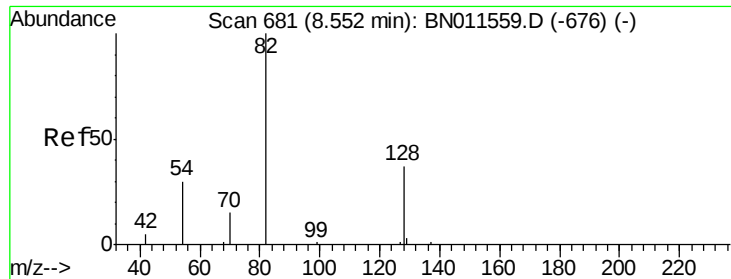
Delta R.T. -0.01 min

Lab File: BN011596.D

Acq: 22 Aug 2020 20:33

Tgt Ion:	136	Resp:	8855
Ion	Ratio	Lower	Upper
136	100		
137	11.9	11.0	16.4
54	3.2	4.3	6.5#
68	3.7	4.9	7.3#





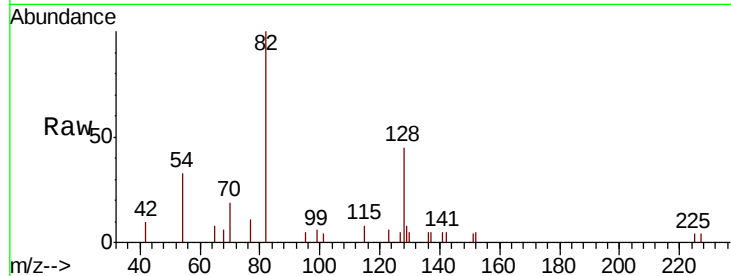
#8
Nitrobenzene-d5
Concen: 0.425 ng
RT: 8.53 min Scan# 679
Delta R.T. -0.03 min
Lab File: BN011596.D
Acq: 22 Aug 2020 20:33

Instrument :
BNA_N
ClientSampleId :
COMP-1-(0-1)

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	41.7	62.5
54	33.4	34.4	51.6

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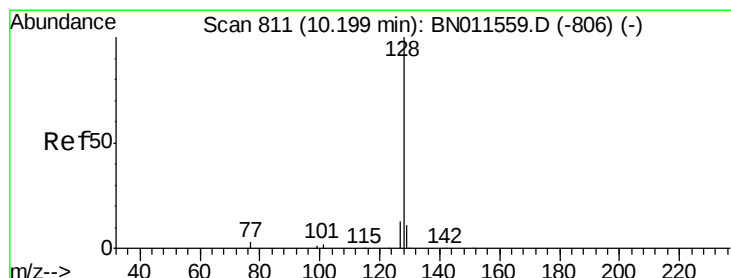
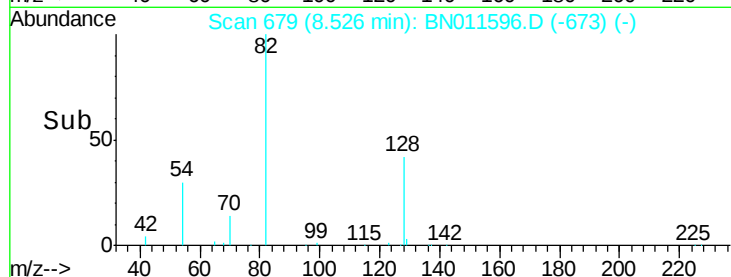
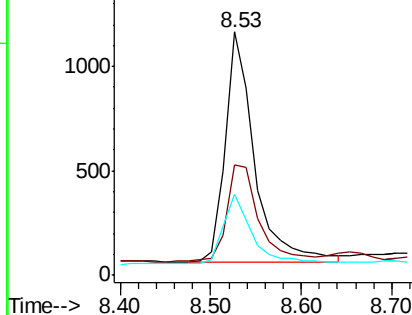


Abundance

Ion 82.00 (81.70 to 82.70): BN011559.D (-676) (-)

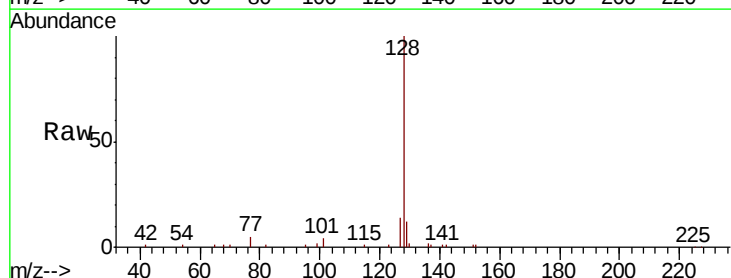
Ion 128.00 (127.70 to 128.70): BN011559.D (-676) (-)

Ion 54.00 (53.70 to 54.70): BN011559.D (-676) (-)



#9
Naphthalene
Concen: 0.699 ng
RT: 10.17 min Scan# 809
Delta R.T. -0.03 min
Lab File: BN011596.D
Acq: 22 Aug 2020 20:33

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	10.8	16.2
127	13.8	12.3	18.5

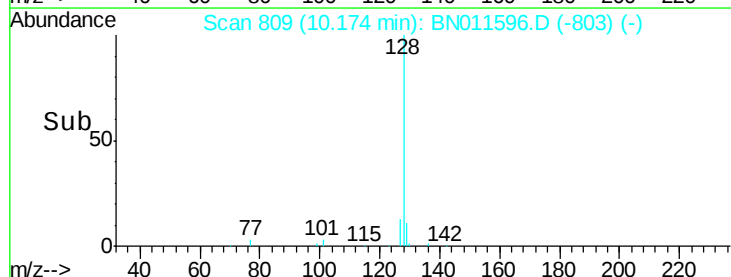
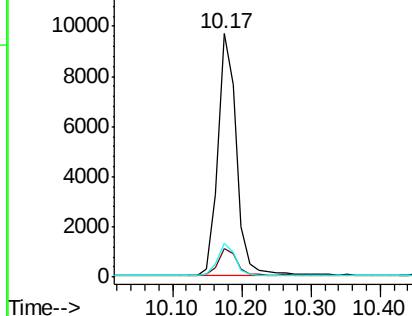


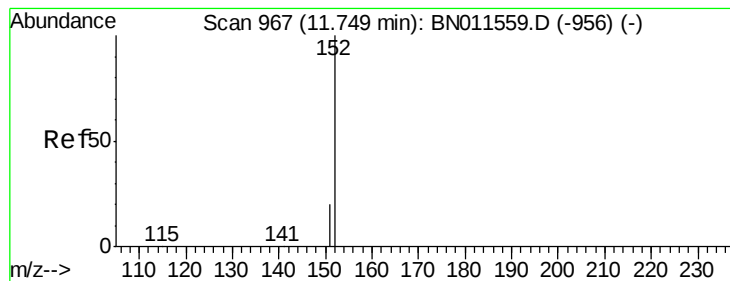
Abundance

Ion 128.00 (127.70 to 128.70): BN011559.D (-806) (-)

Ion 129.00 (128.70 to 129.70): BN011559.D (-806) (-)

Ion 127.00 (126.70 to 127.70): BN011559.D (-806) (-)





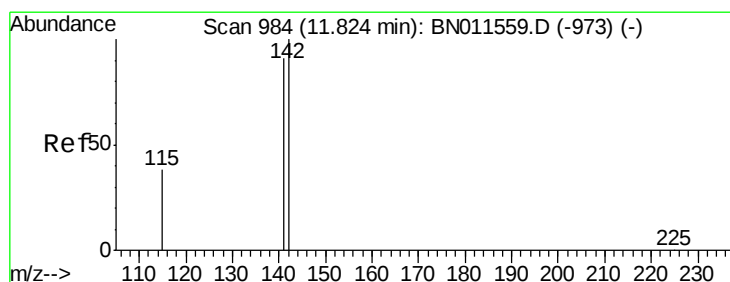
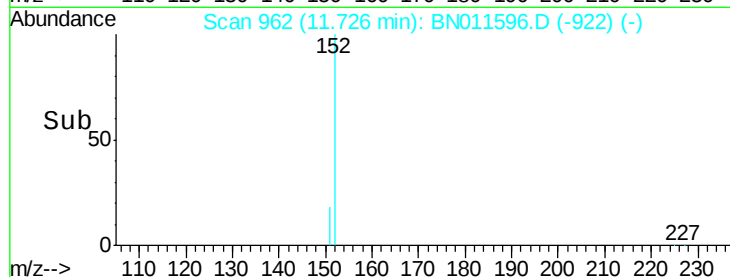
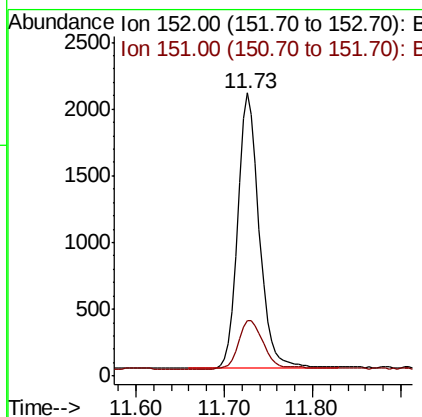
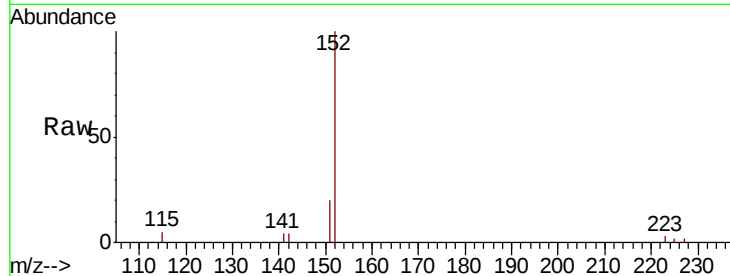
#11
2-Methylnaphthalene-d10
Concen: 0.221 ng
RT: 11.73 min Scan# 962
Delta R.T. -0.02 min
Lab File: BN011596.D
Acq: 22 Aug 2020 20:33

Instrument :
BNA_N
ClientSampleId :
COMP-1-(0-1)

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.6	24.8

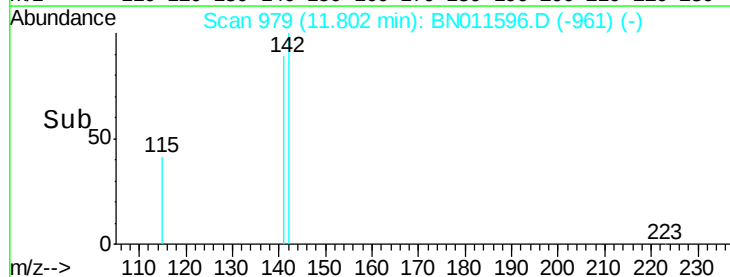
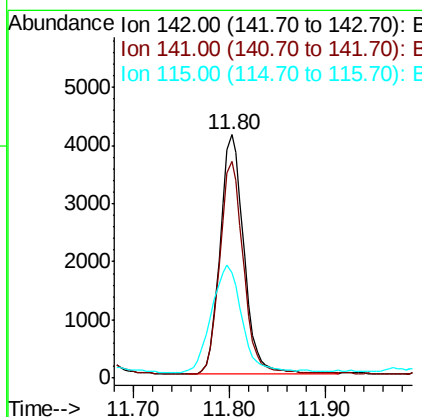
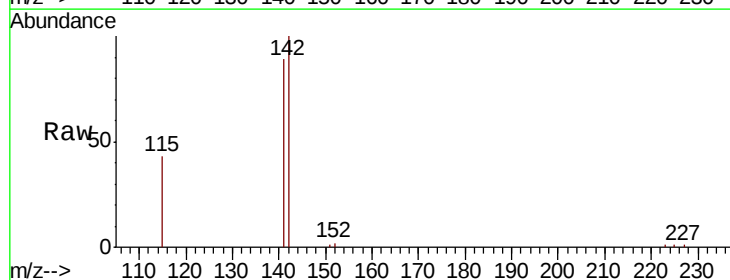
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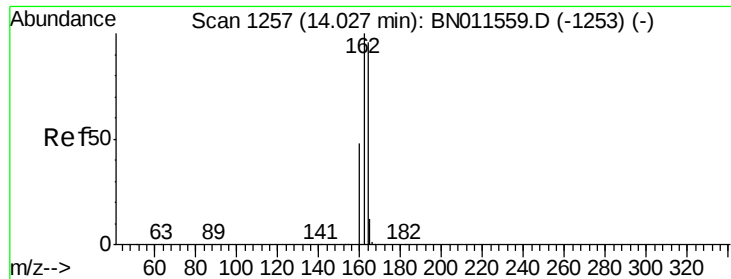
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#12
2-Methylnaphthalene
Concen: 0.401 ng
RT: 11.80 min Scan# 979
Delta R.T. -0.02 min
Lab File: BN011596.D
Acq: 22 Aug 2020 20:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	73.0	109.6
115	43.2	33.4	50.0





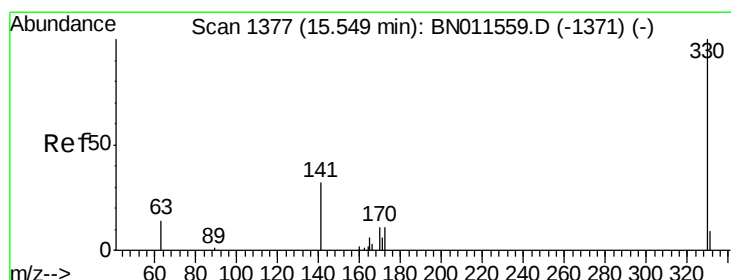
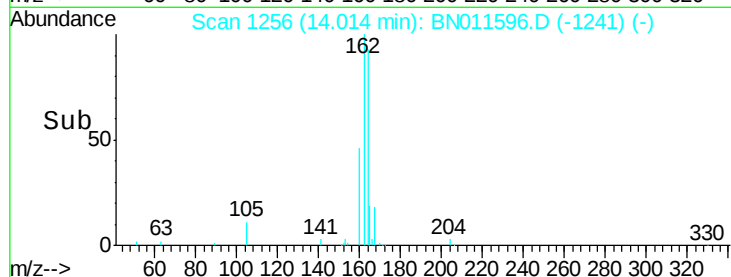
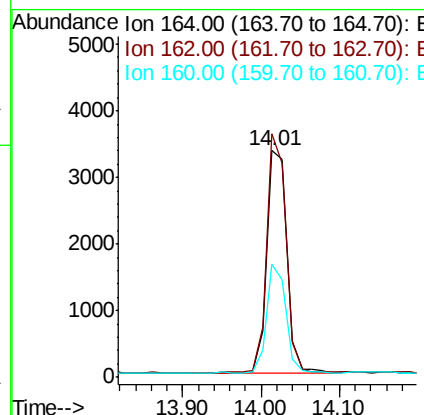
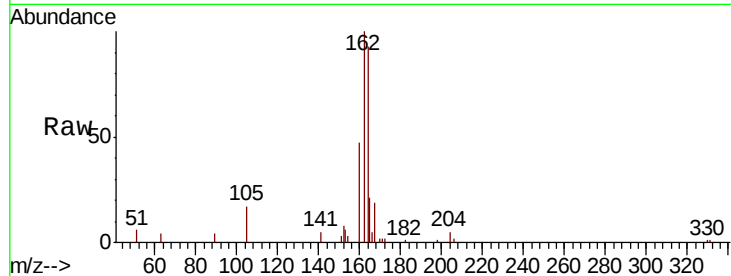
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BN011596.D
Acq: 22 Aug 2020 20:33

Instrument :
BNA_N
ClientSampleId :
COMP-1-(0-1)

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.5	83.7	125.5
160	50.1	41.1	61.7

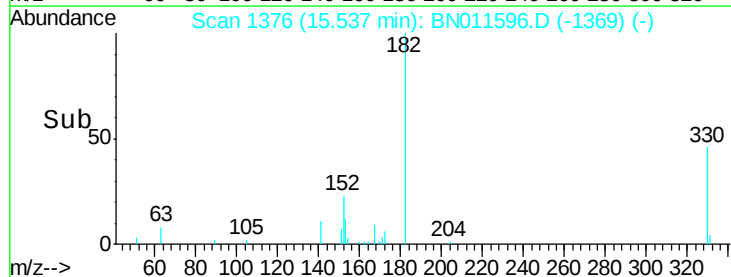
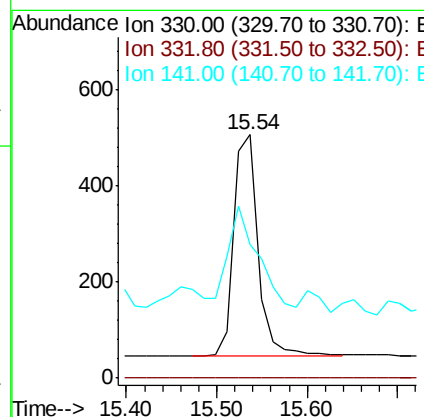
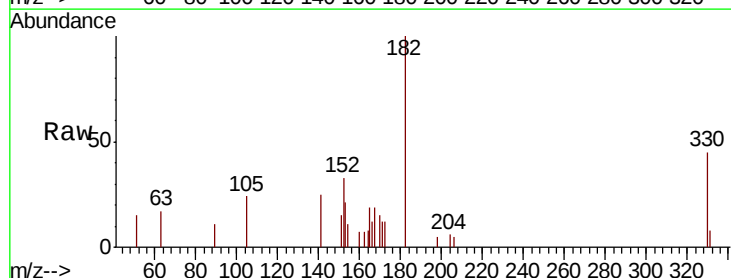
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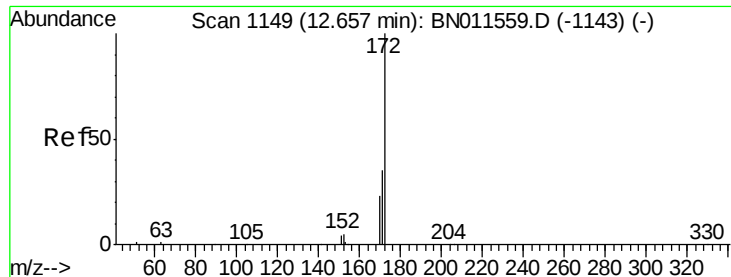
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#14
2,4,6-Tribromophenol
Concen: 0.289 ng
RT: 15.54 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BN011596.D
Acq: 22 Aug 2020 20:33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	55.0	34.6	52.0





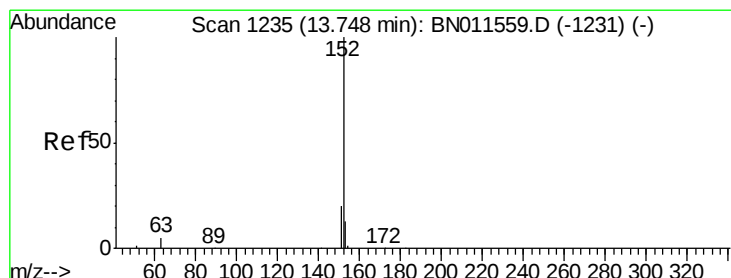
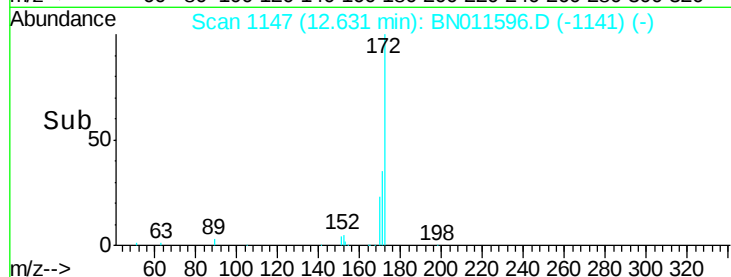
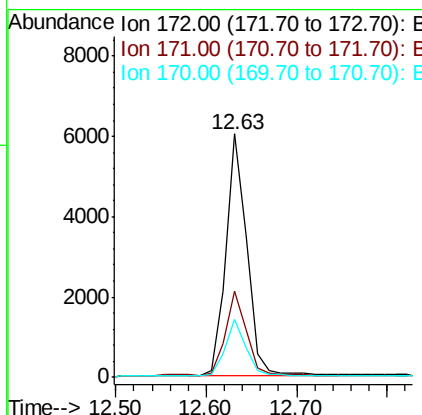
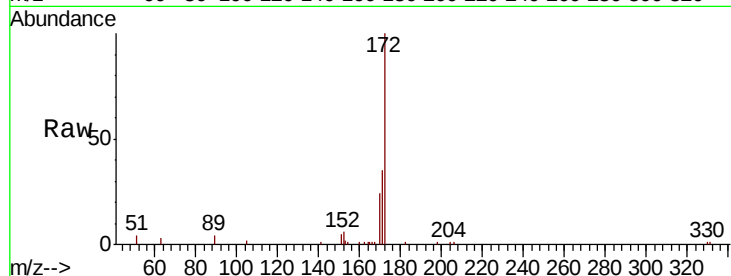
#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 12.63 min Scan# 1147
Delta R.T. -0.03 min
Lab File: BN011596.D
Acq: 22 Aug 2020 20:33

Instrument :
BNA_N
ClientSampleId :
COMP-1-(0-1)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.4	44.0
170	23.8	20.1	30.1

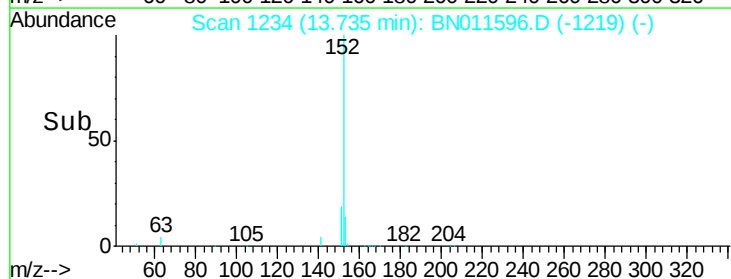
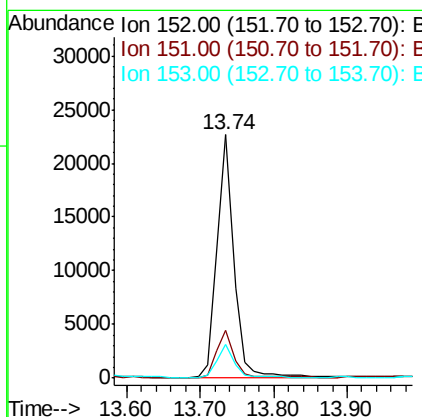
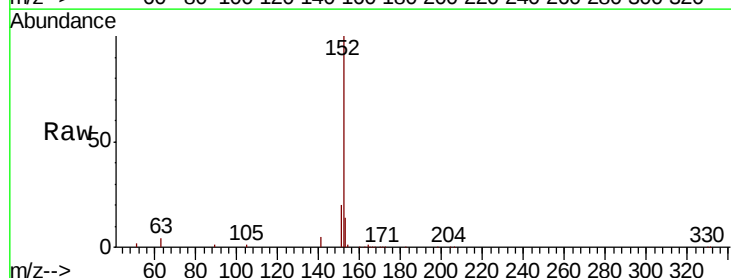
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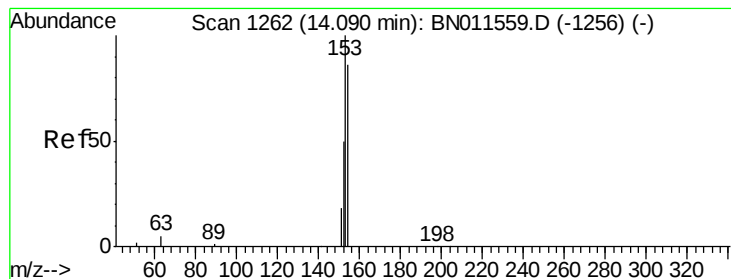
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#16
Acenaphthylene
Concen: 1.184 ng
RT: 13.74 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BN011596.D
Acq: 22 Aug 2020 20:33

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	13.5	10.6	16.0





#17

Acenaphthene

Concen: 0.094 ng

RT: 14.08 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BN011596.D

Acq: 22 Aug 2020 20:33

Instrument :

BNA_N

ClientSampleId :

COMP-1-(0-1)

Tot Ion:154 Resp: 1888

Ion Ratio Lower Upper

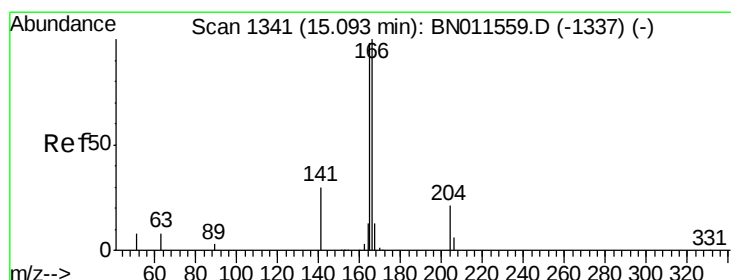
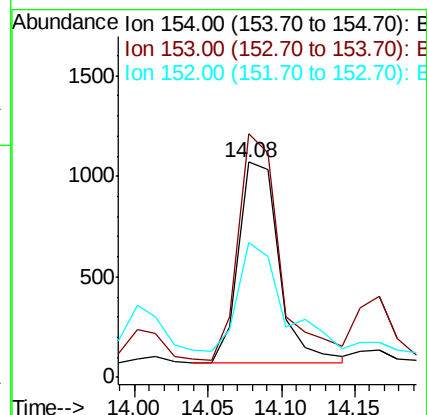
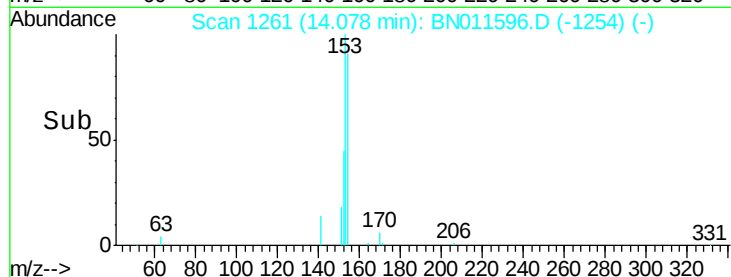
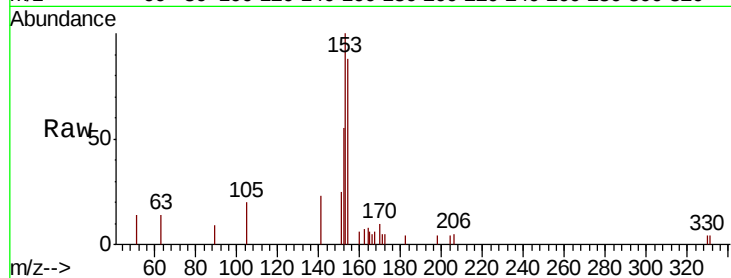
154 100

153 117.6 91.8 137.8

152 70.0 46.3 69.5#

Manual Integrations
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#18

Fluorene

Concen: 0.375 ng

RT: 15.08 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BN011596.D

Acq: 22 Aug 2020 20:33

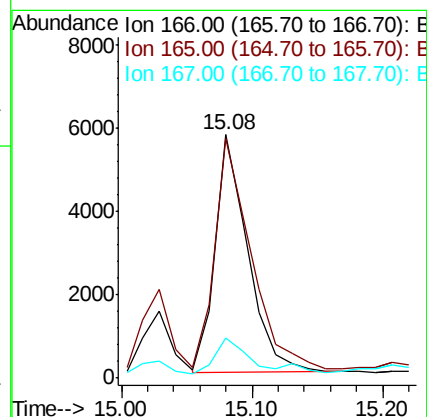
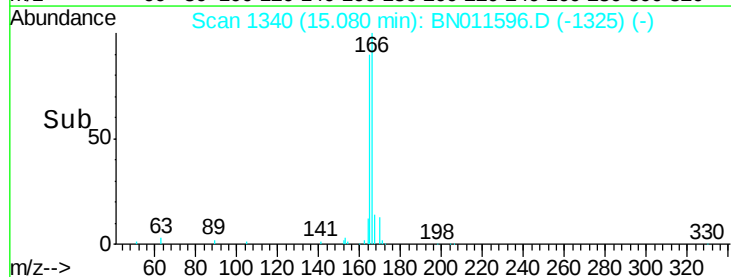
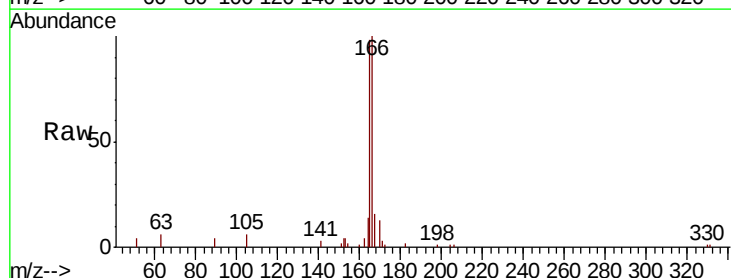
Tgt Ion:166 Resp: 9935

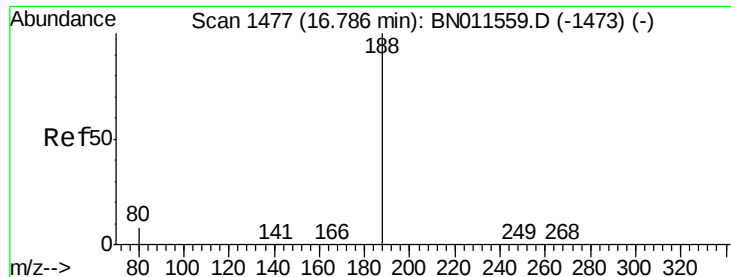
Ion Ratio Lower Upper

166 100

165 106.3 78.2 117.2

167 18.0 10.7 16.1#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.77 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BN011596.D

Acq: 22 Aug 2020 20:33

Instrument :

BNA_N

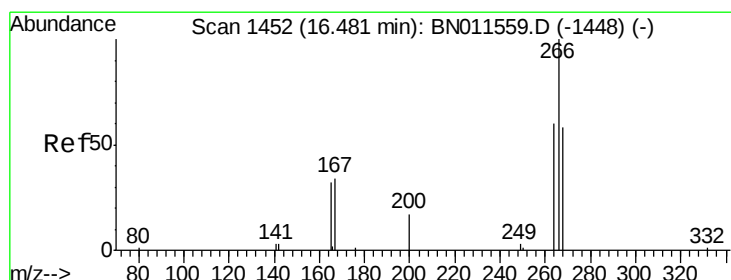
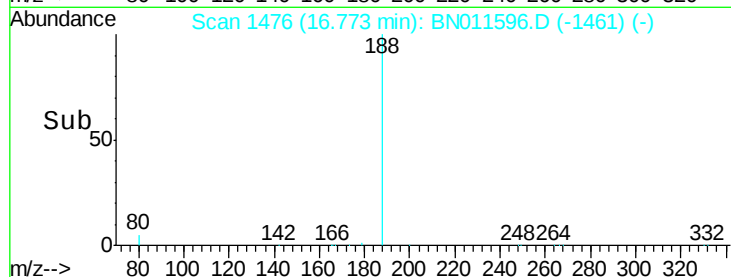
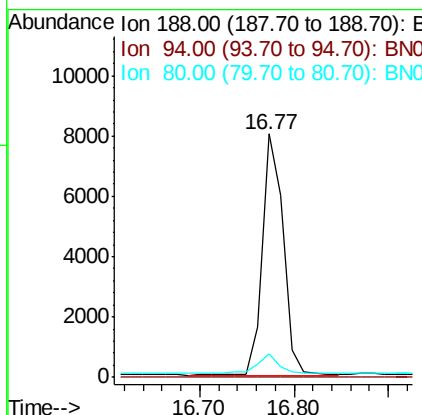
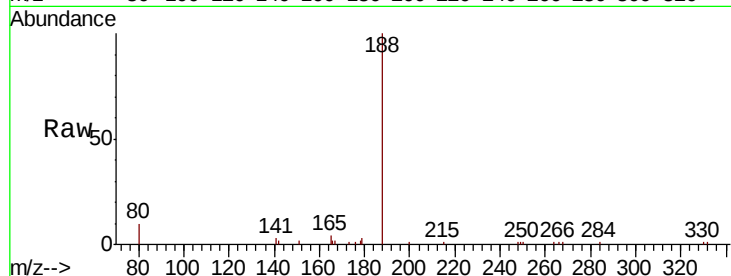
ClientSampleId :

COMP-1-(0-1)

Tot Ion:	188	Resp:	12160
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.7	7.6	11.4

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#24

Pentachlorophenol

Concen: 0.041 ng

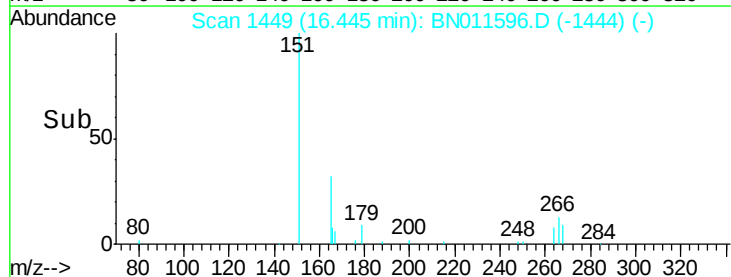
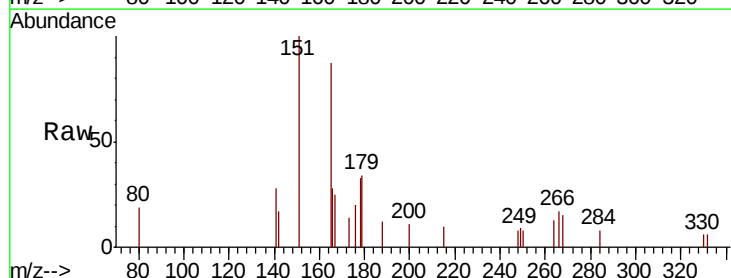
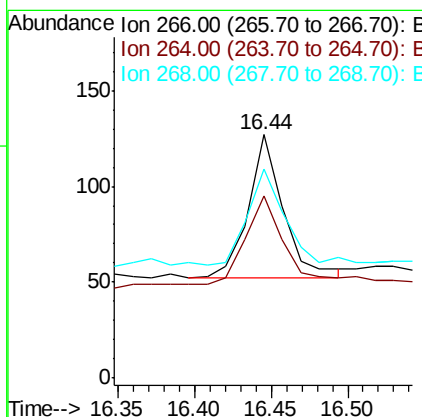
RT: 16.44 min Scan# 1449

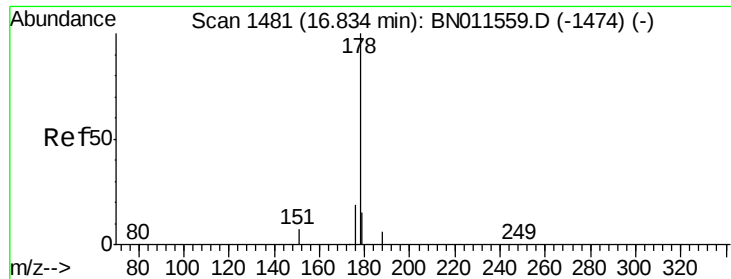
Delta R.T. -0.04 min

Lab File: BN011596.D

Acq: 22 Aug 2020 20:33

Tgt Ion:	266	Resp:	121
Ion Ratio	Lower	Upper	
266	100		
264	70.2	48.7	73.1
268	70.2	51.0	76.6





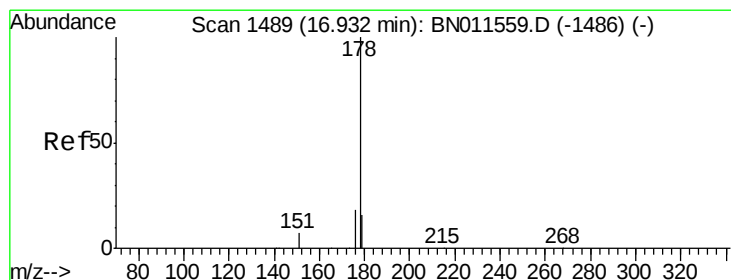
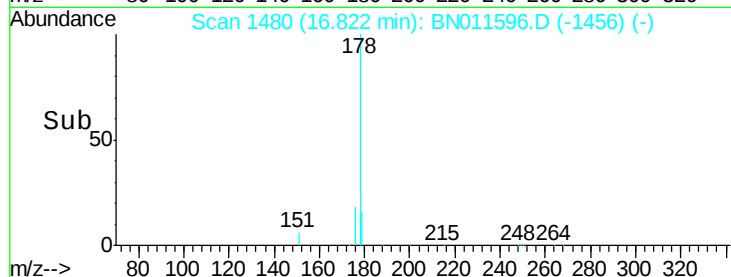
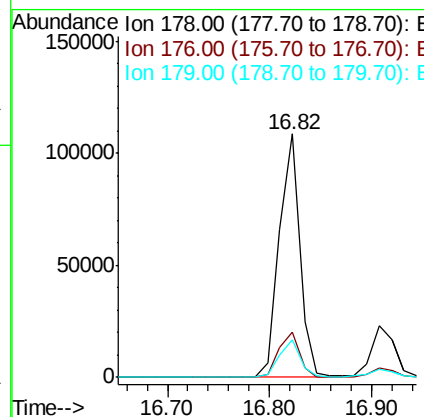
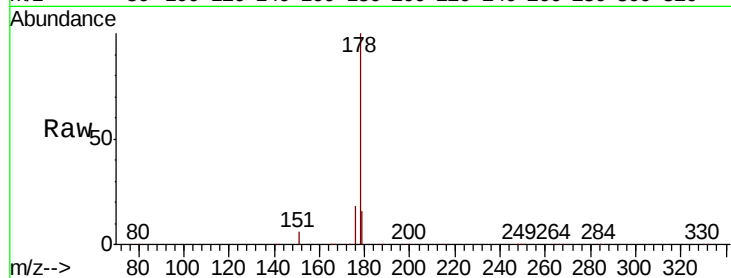
#25
Phenanthrene
Concen: 3.978 ng
RT: 16.82 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BN011596.D
Acq: 22 Aug 2020 20:33

Instrument :
BNA_N
ClientSampleId :
COMP-1-(0-1)

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.5	12.3	18.5

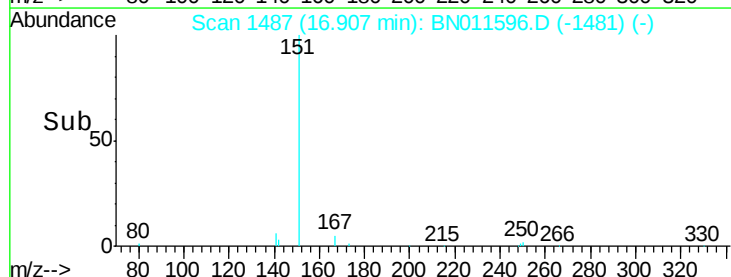
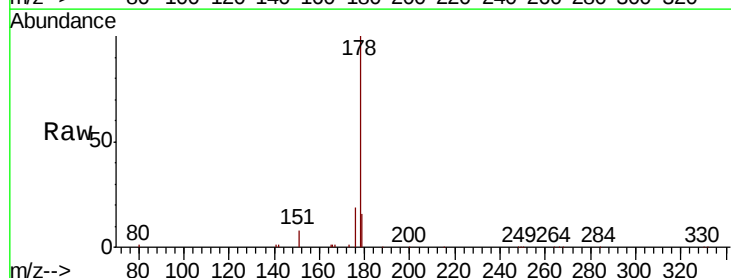
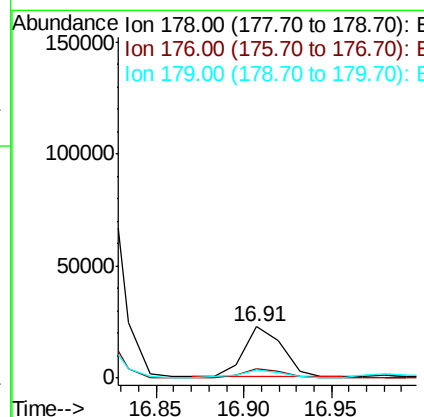
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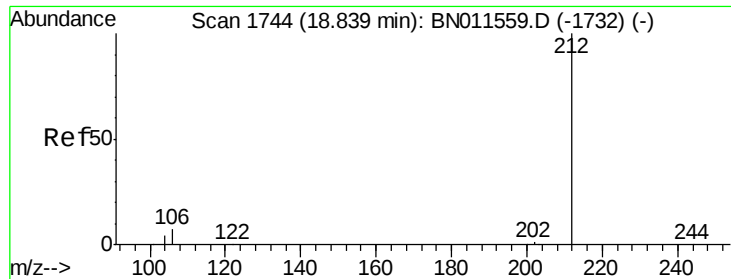
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#26
Anthracene
Concen: 1.063 ng
RT: 16.91 min Scan# 1487
Delta R.T. -0.02 min
Lab File: BN011596.D
Acq: 22 Aug 2020 20:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.4	21.6
179	15.9	12.9	19.3





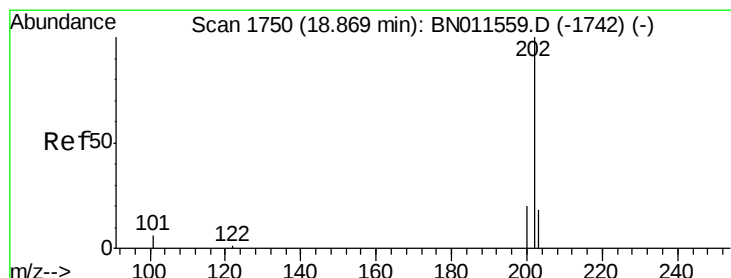
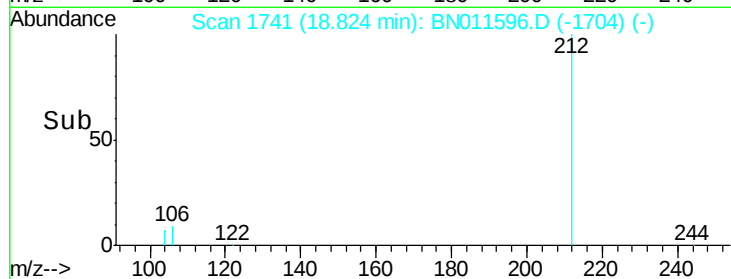
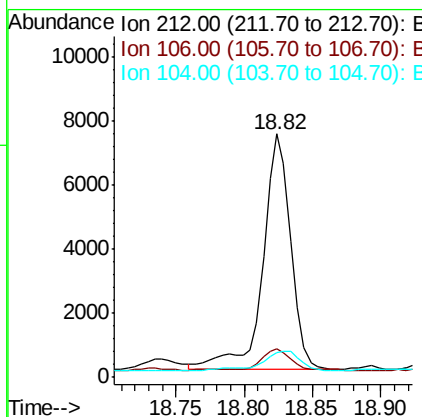
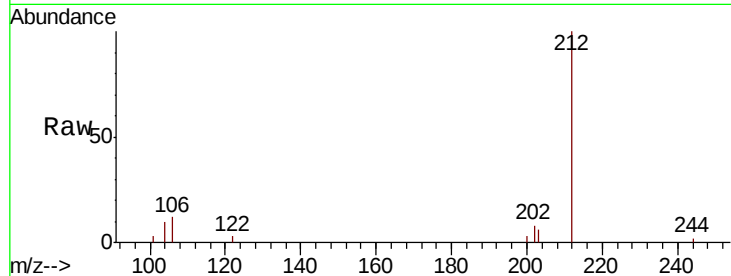
#27
 Fluoranthene-d10
 Concen: 0.255 ng
 RT: 18.82 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BN011596.D
 Acq: 22 Aug 2020 20:33

Instrument :
 BNA_N
 ClientSampleId :
 COMP-1-(0-1)

Tot Ion	Ratio	Lower	Upper
212	100		
106	9.8	6.2	9.2#
104	11.5	3.8	5.6#

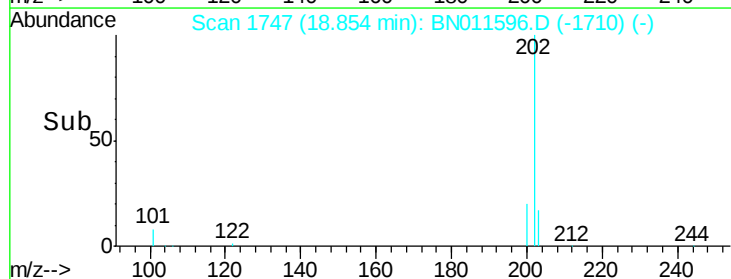
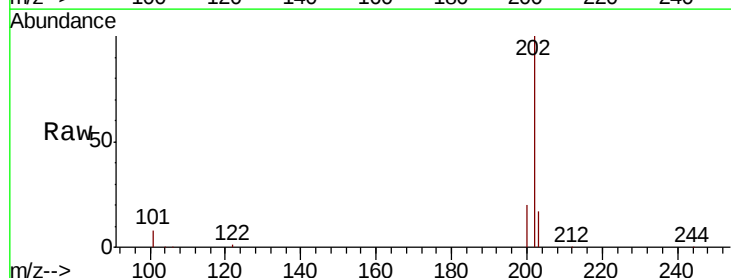
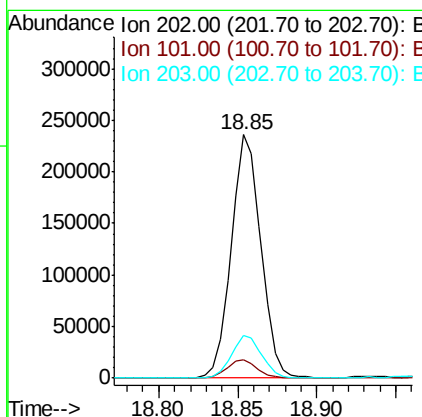
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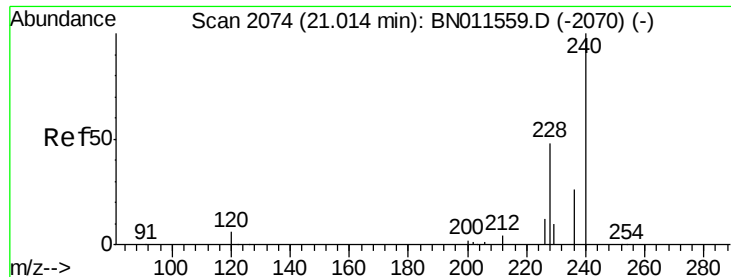
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#28
 Fluoranthene
 Concen: 6.217 ng
 RT: 18.85 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: BN011596.D
 Acq: 22 Aug 2020 20:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.7	5.2	7.8
203	17.5	13.6	20.4





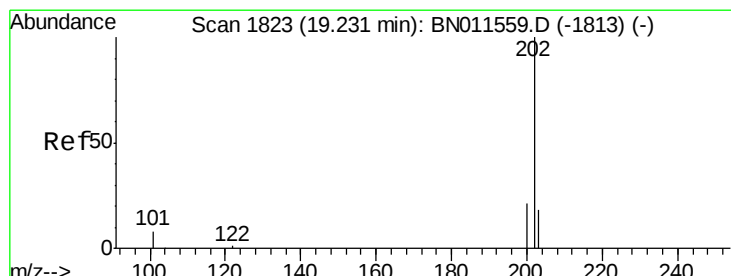
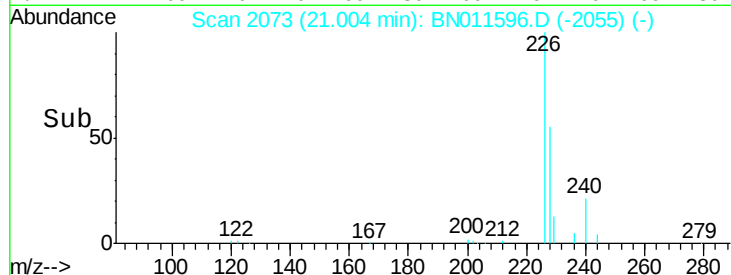
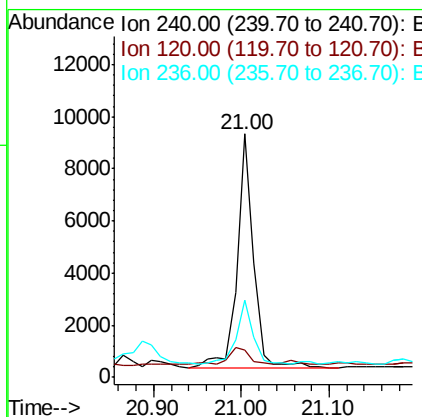
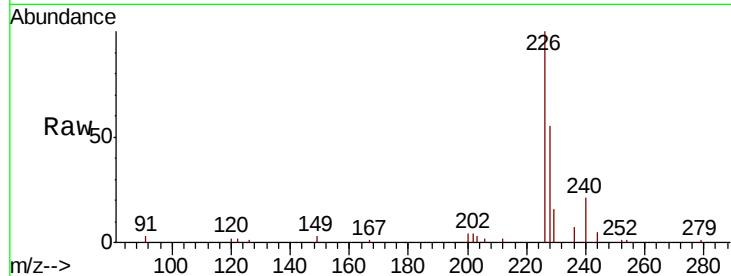
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.00 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BN011596.D
Acq: 22 Aug 2020 20:33

Instrument :
BNA_N
ClientSampleId :
COMP-1-(0-1)

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.3	7.4	11.0#
236	31.5	22.3	33.5

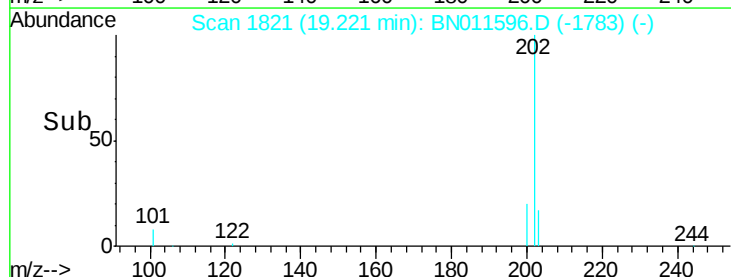
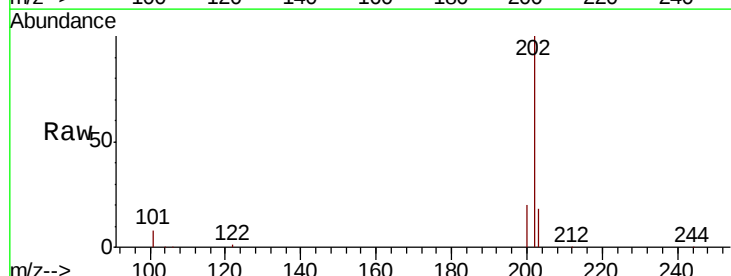
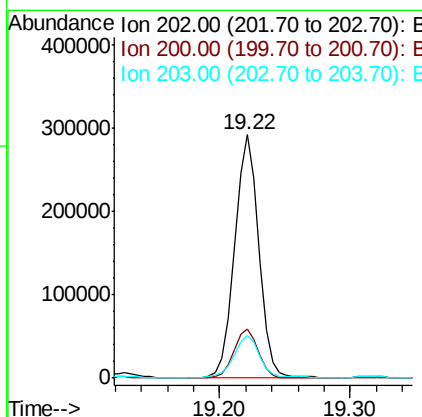
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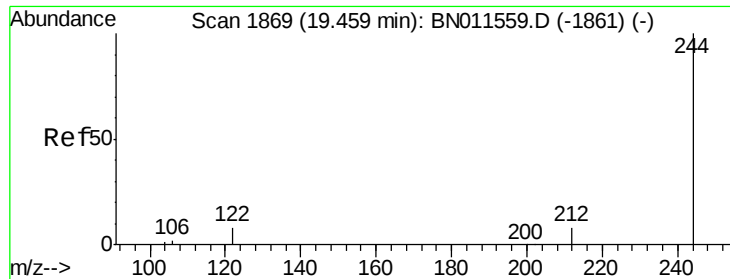
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#30
Pyrene
Concen: 8.103 ng
RT: 19.22 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BN011596.D
Acq: 22 Aug 2020 20:33

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	25.0
203	18.8	14.2	21.2





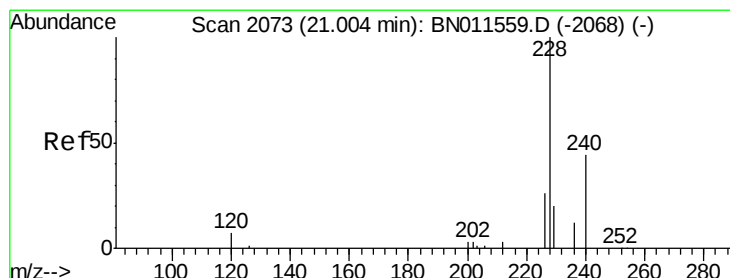
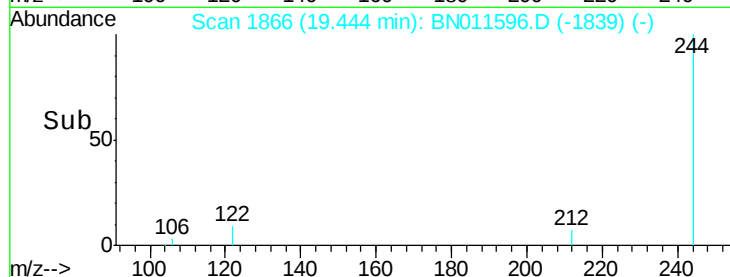
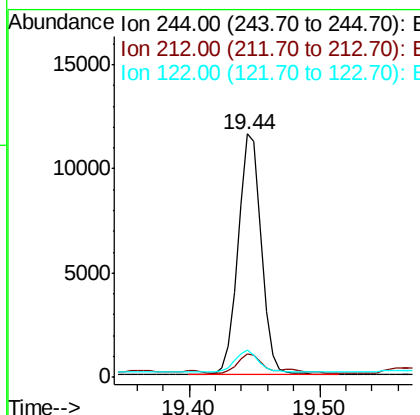
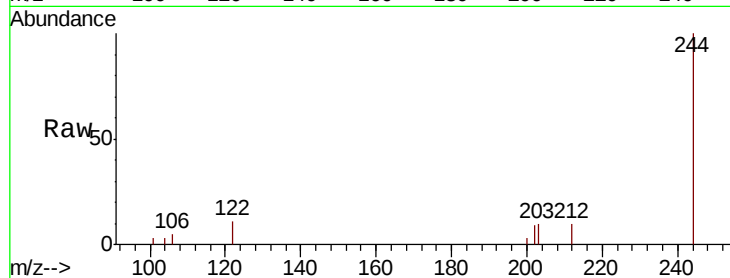
#31
 Terphenyl-d14
 Concen: 0.473 ng
 RT: 19.44 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BN011596.D
 Acq: 22 Aug 2020 20:33

Instrument :
 BNA_N
 ClientSampleId :
 COMP-1-(0-1)

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.6	8.2	12.4
122	11.2	8.0	12.0

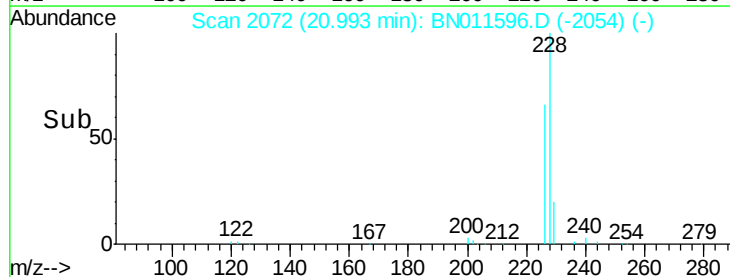
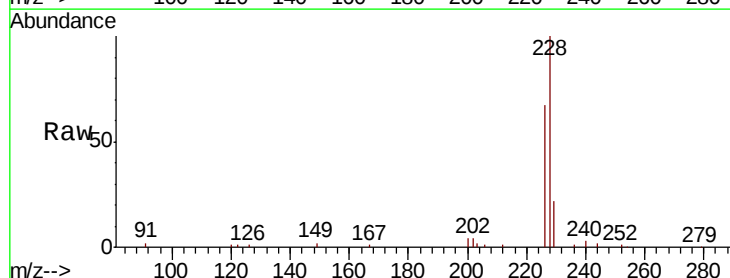
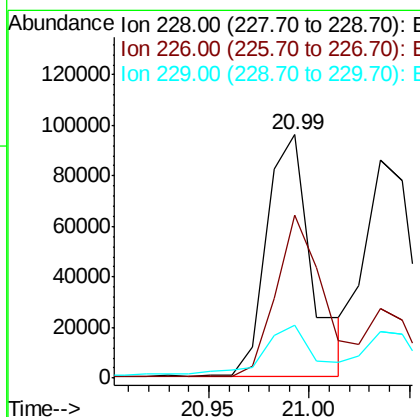
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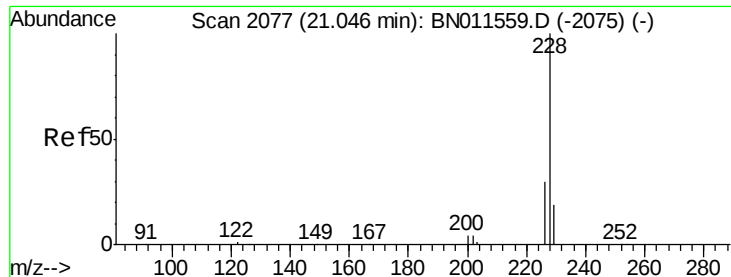
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#32
 Benzo(a)anthracene
 Concen: 3.918 ng m
 RT: 20.99 min Scan# 2072
 Delta R.T. -0.01 min
 Lab File: BN011596.D
 Acq: 22 Aug 2020 20:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	66.9	22.2	33.2#
229	21.7	16.9	25.3





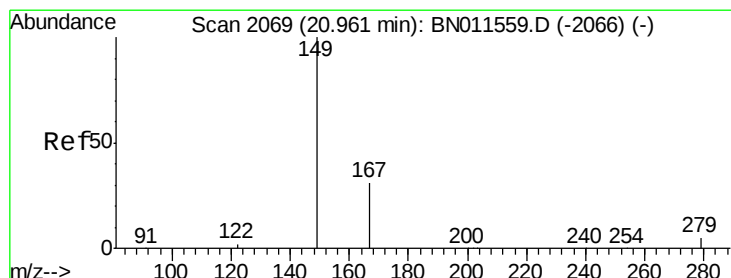
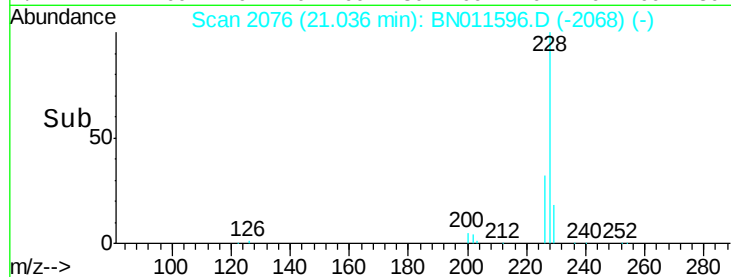
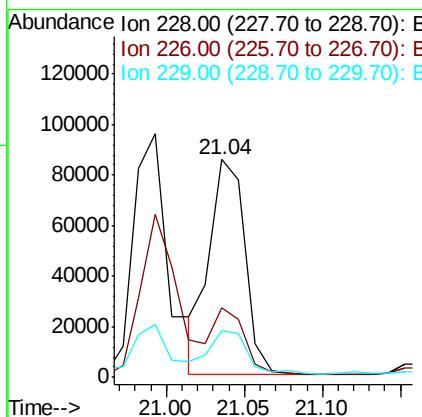
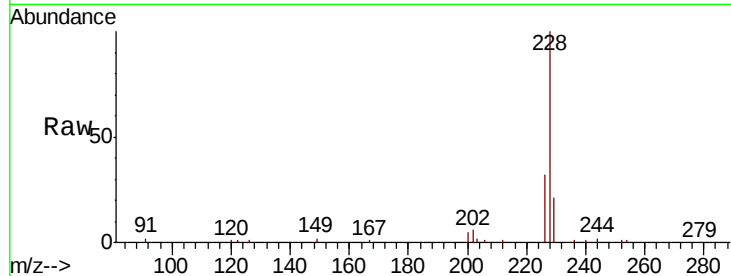
#33
 Chrysene
 Concen: 3.102 ng
 RT: 21.04 min Scan# 2076
 Delta R.T. -0.01 min
 Lab File: BN011596.D
 Acq: 22 Aug 2020 20:33

Instrument :
 BNA_N
 ClientSampleId :
 COMP-1-(0-1)

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.5	36.7
229	21.2	16.2	24.2

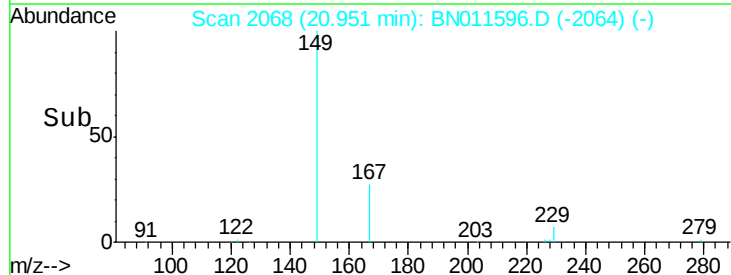
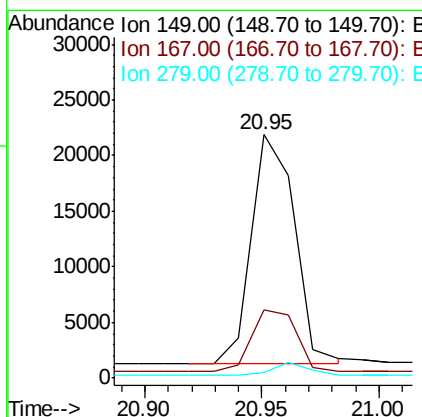
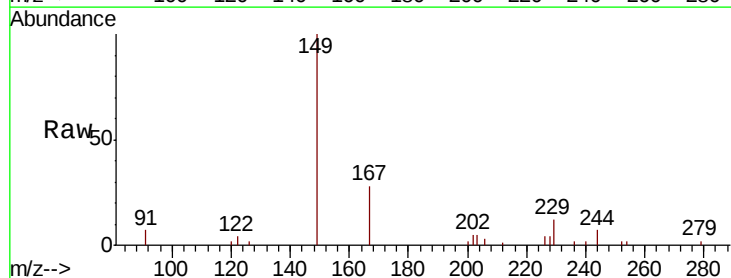
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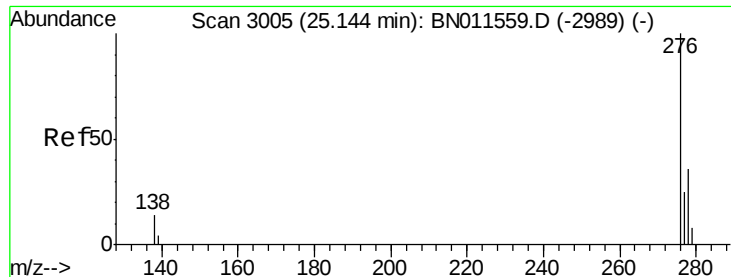
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#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.511 ng
 RT: 20.95 min Scan# 2068
 Delta R.T. -0.01 min
 Lab File: BN011596.D
 Acq: 22 Aug 2020 20:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.8	34.2
279	4.8	4.2	6.2





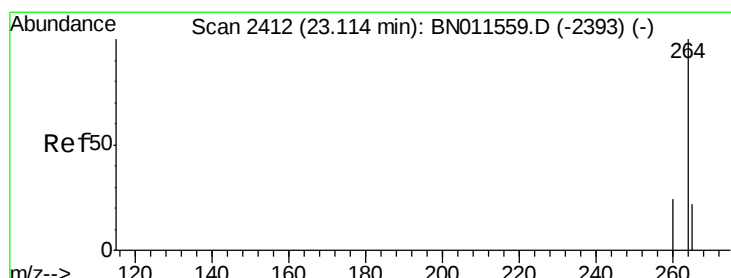
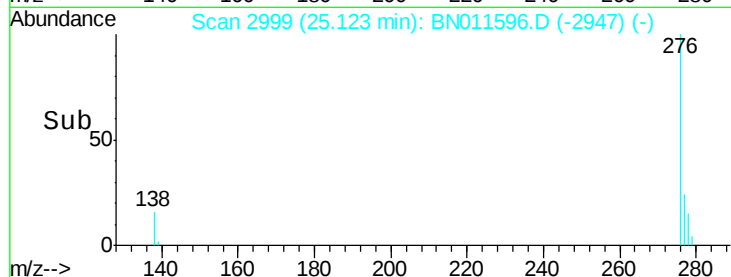
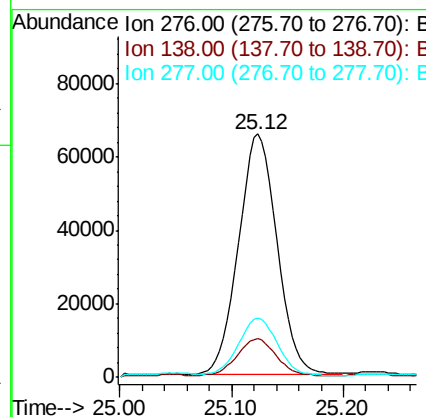
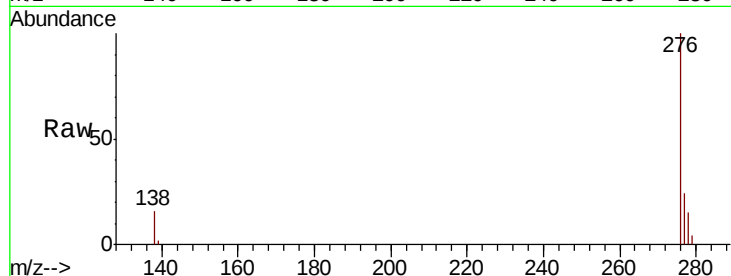
#35
Indeno(1,2,3-cd)pyrene
Concen: 3.919 ng
RT: 25.12 min Scan# 2999
Delta R.T. -0.02 min
Lab File: BN011596.D
Acq: 22 Aug 2020 20:33

Instrument :
BNA_N
ClientSampleId :
COMP-1-(0-1)

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.2	11.6	17.4
277	24.0	18.2	27.4

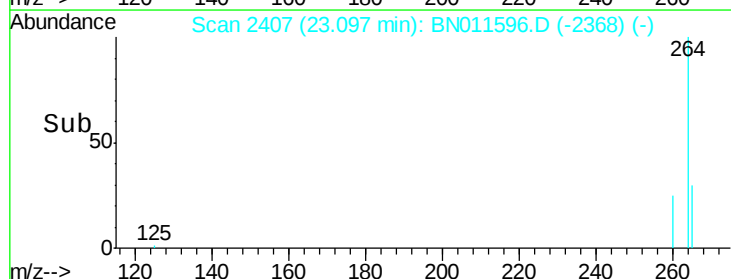
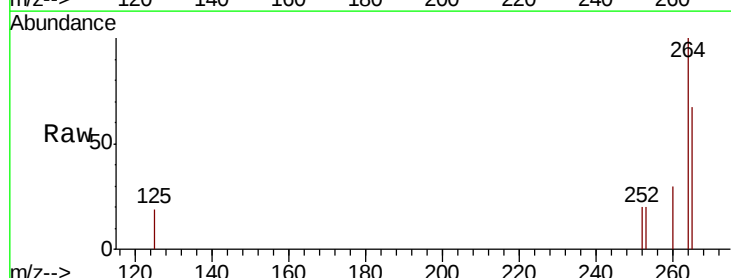
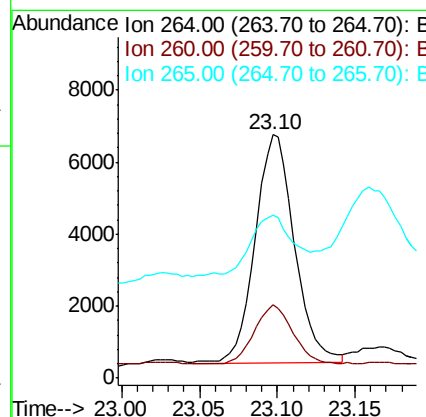
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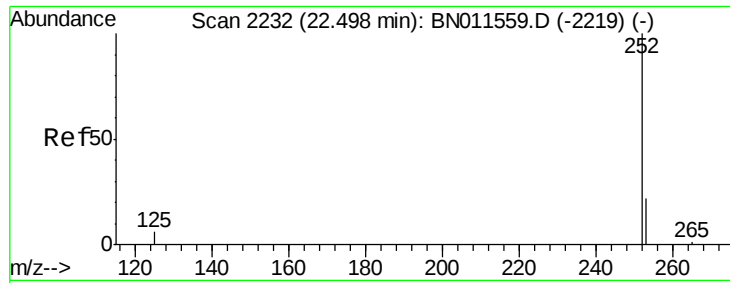
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#36
Perylene-d12
Concen: 0.400 ng
RT: 23.10 min Scan# 2407
Delta R.T. -0.02 min
Lab File: BN011596.D
Acq: 22 Aug 2020 20:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	30.0	20.3	30.5
265	67.0	96.1	144.1#





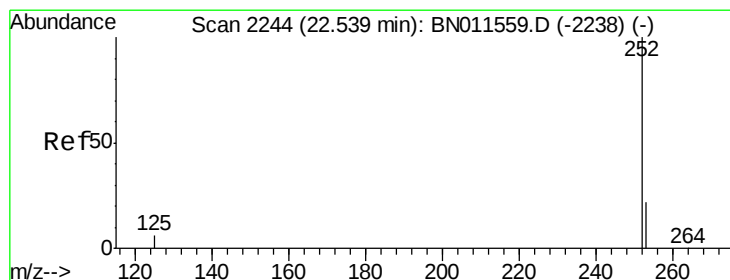
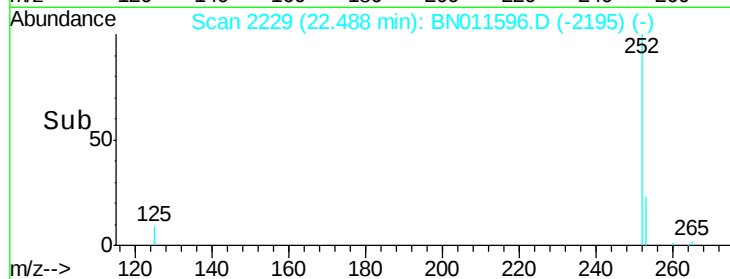
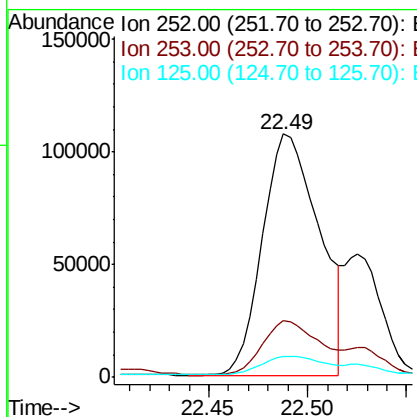
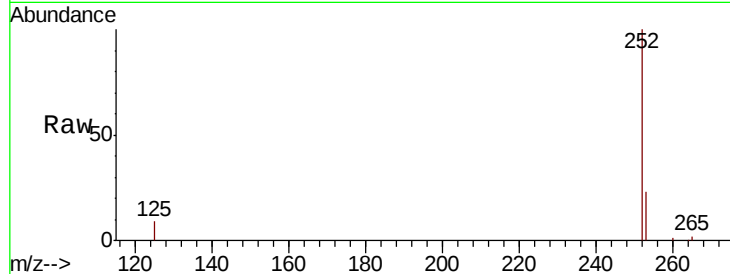
#37
Benzo(b)fluoranthene
Concen: 5.151 ng m
RT: 22.49 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BN011596.D
Acq: 22 Aug 2020 20:33

Instrument :
BNA_N
ClientSampleId :
COMP-1-(0-1)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	25.5	38.3#
125	8.7	10.2	15.4#

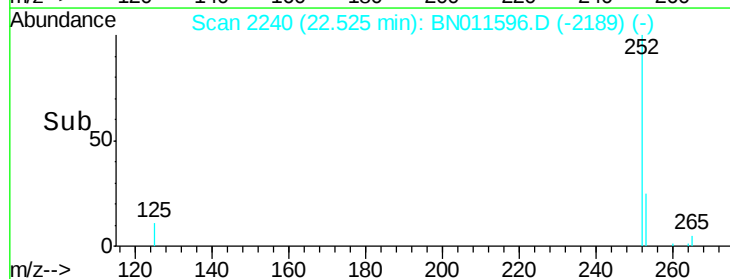
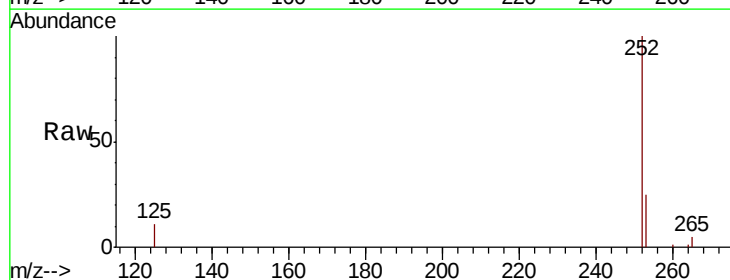
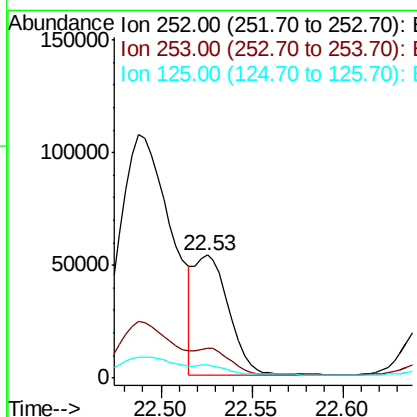
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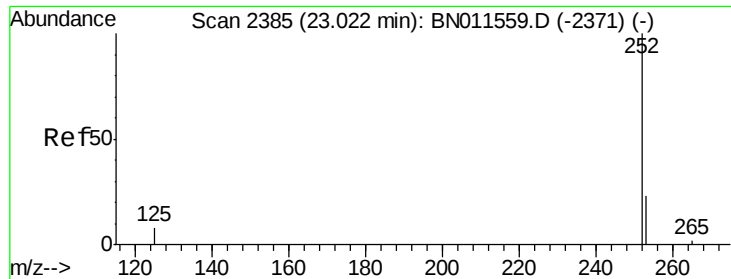
Sohil
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#38
Benzo(k)fluoranthene
Concen: 1.431 ng m
RT: 22.53 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BN011596.D
Acq: 22 Aug 2020 20:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	25.8	38.6#
125	10.5	10.8	16.2#





#39

Benzo(a)pyrene

Concen: 4.139 ng

RT: 23.01 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BN011596.D

Acq: 22 Aug 2020 20:33

Instrument :

BNA_N

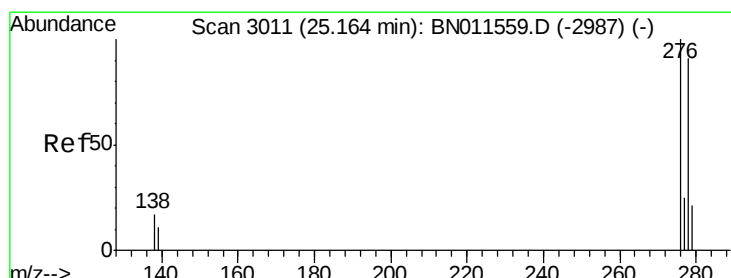
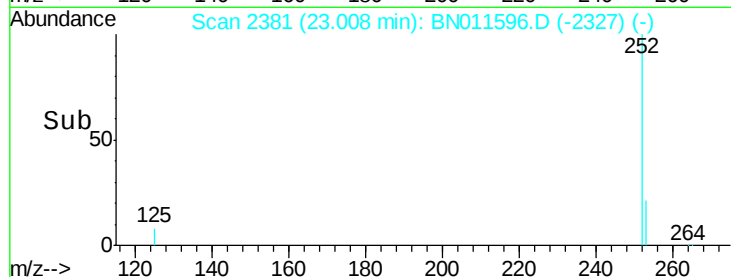
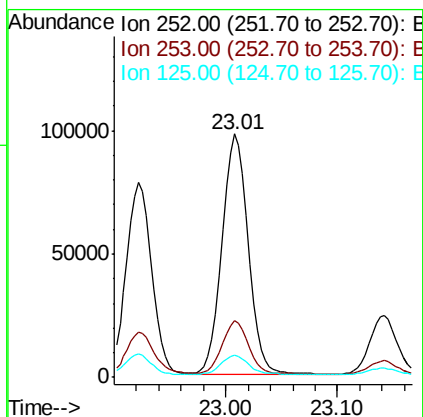
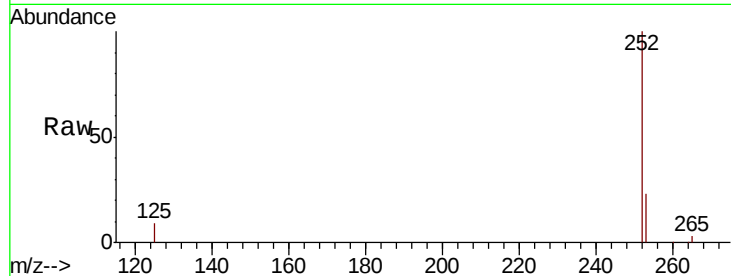
ClientSampled :

COMP-1-(0-1)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	31.8	47.8#
125	9.1	15.4	23.0#

Manual Integrations
APPROVED

Sohil
8/24/2020 1:51:07 PM



#40

Dibenzo(a,h)anthracene

Concen: 0.832 ng

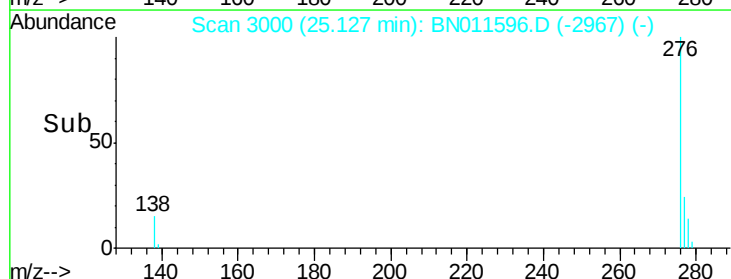
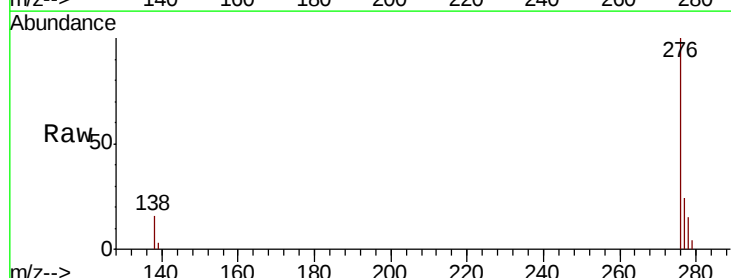
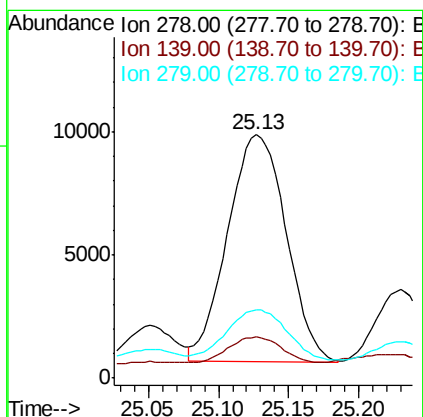
RT: 25.13 min Scan# 3000

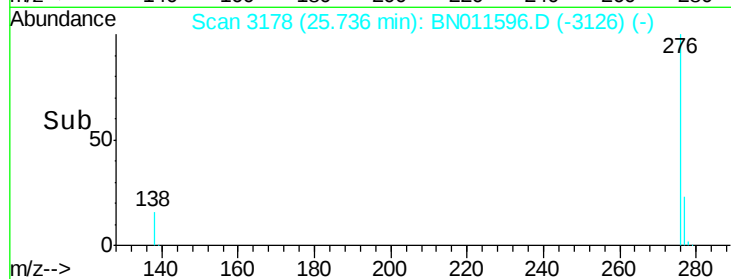
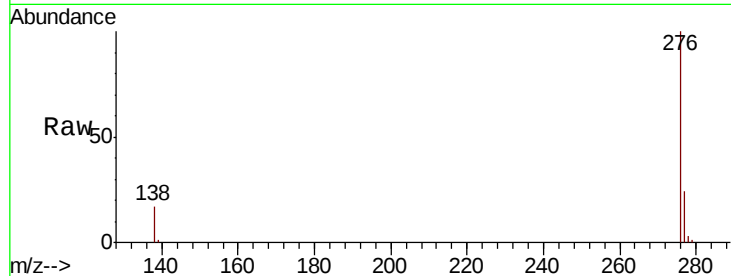
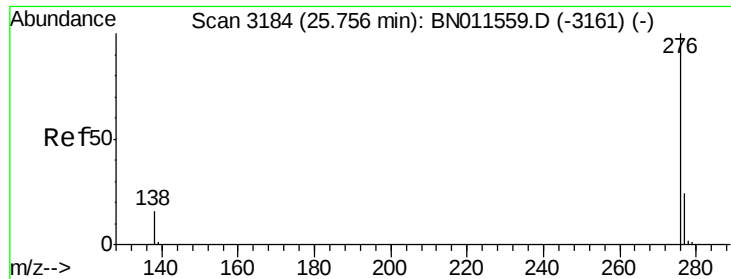
Delta R.T. -0.04 min

Lab File: BN011596.D

Acq: 22 Aug 2020 20:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.9	14.0	21.0
279	27.8	32.4	48.6#





#41

Benzo(a,h,i)perylene

Concen: 4.849 ng

RT: 25.74 min Scan# 3178

Delta R.T. -0.02 min

Lab File: BN011596.D

Acq: 22 Aug 2020 20:33

Tot Ion:	276	Resp:	185323
Ion Ratio	Lower	Upper	
276	100		
277	23.9	22.1	33.1
138	16.6	15.4	23.2

Instrument :

BNA_N

ClientSampleId :

COMP-1-(0-1)

Manual Integrations
APPROVED

Sohil
8/24/2020 1:51:07 PM

