

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE012120\
 Data File : BE101111.D
 Acq On : 21 Jan 2020 15:56
 Operator : CG/JU
 Sample : L1179-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP-20200116

Manual Integrations
 APPROVED

mohammad
 1/22/2020 1:35:39 PM

Quant Time: Jan 22 10:34:58 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jan 08 18:36:25 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	233	0.40	ng	-0.01
7) Naphthalene-d8	10.50	136	1894	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	12536	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	13164	0.40	ng	0.00
27) Chrysene-d12	21.27	240	25904	0.40	ng	-0.01
34) Perylene-d12	23.70	264	28347	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.33	112	1063	2.03	ng	-0.01
5) Phenol-d6	6.91	99	258	0.39	ng	-0.01
8) Nitrobenzene-d5	8.86	82	614m	0.45	ng	-0.01
11) 2-Methylnaphthalene-d10	12.09	152	1388m	0.38	ng	-0.01
14) 2,4,6-Tribromophenol	15.84	330	979	0.28	ng	-0.01
15) 2-Fluorobiphenyl	13.04	172	22225m	0.47	ng	0.04
25) Fluoranthene-d10	19.15	212	77785	0.43	ng	0.02
29) Terphenyl-d14	19.73	244	15069	0.24	ng	0.00

Target Compounds

						Qvalue
9) Naphthalene	10.55	128	16596949	789.192	ng	100
12) 2-Methylnaphthalene	12.17	142	137018	43.072	ng	98
16) Acenaphthylene	14.08	152	17338m	0.340	ng	
17) Acenaphthene	14.41	154	31624	0.865	ng	# 78
18) Fluorene	15.39	166	204835	4.434	ng	98
23) Phenanthrene	17.13	178	285410	7.940	ng	98
24) Anthracene	17.21	178	50440m	1.487	ng	
26) Fluoranthene	19.18	202	60849	1.352	ng	99
28) Pyrene	19.52	202	38741	0.402	ng	97
30) Benzo(a)anthracene	21.26	228	4400	0.060	ng	# 57
31) Chrysene	21.31	228	3490	0.032	ng	# 37
32) Bis(2-ethylhexyl)phthalate	21.20	149	48317	0.392	ng	# 99

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

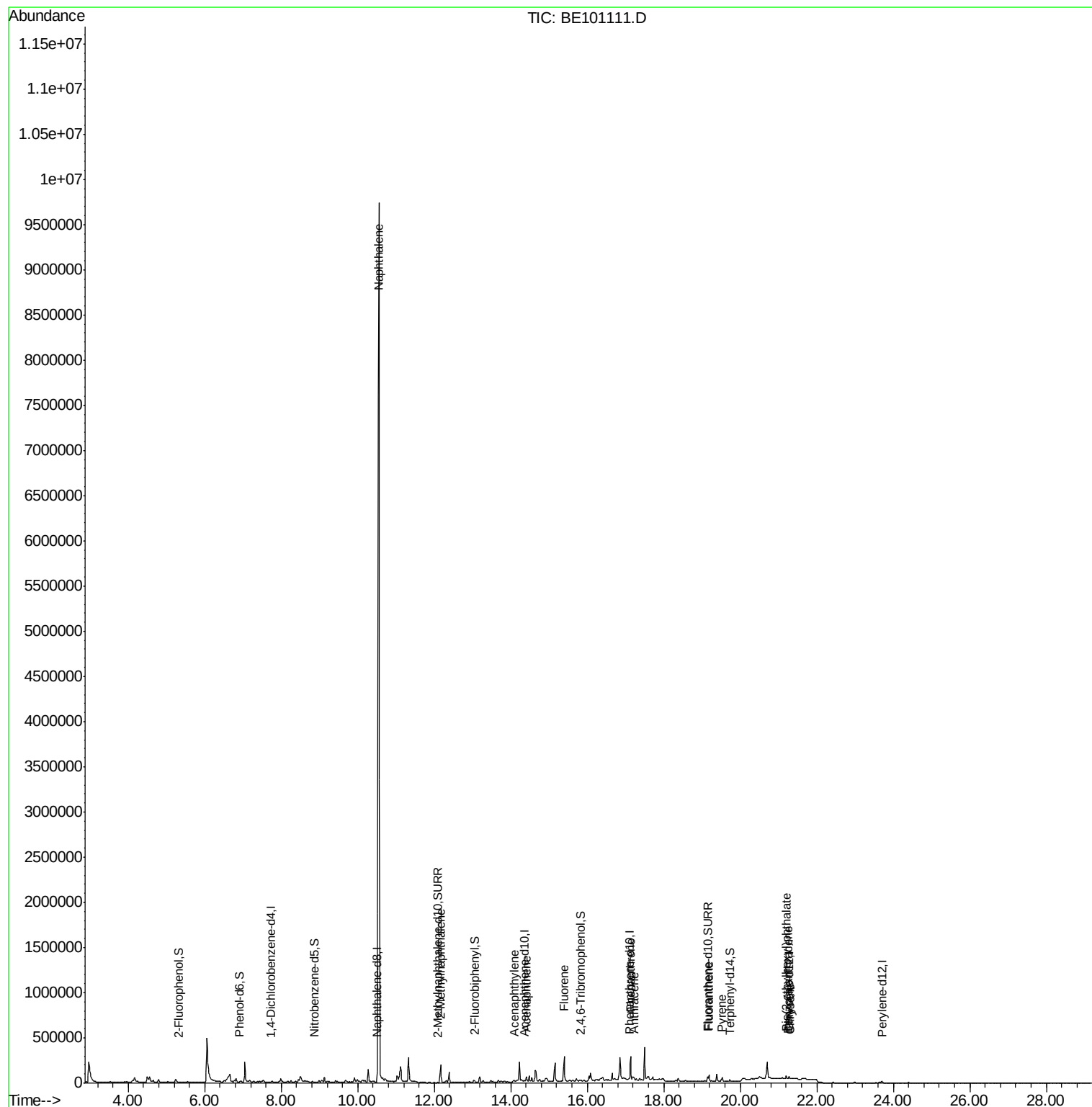
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE012120\
Data File : BE101111.D
Acq On : 21 Jan 2020 15:56
Operator : CG/JU
Sample : L1179-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

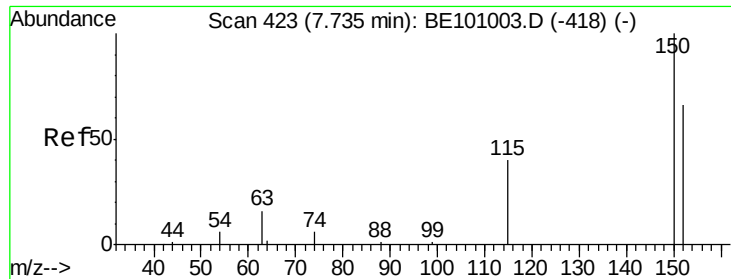
Instrument :
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DUP-20200116

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Quant Time: Jan 22 10:34:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

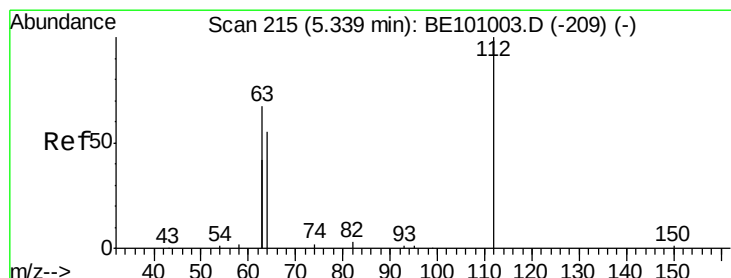
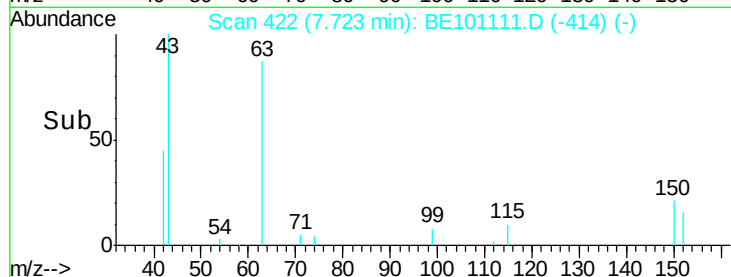
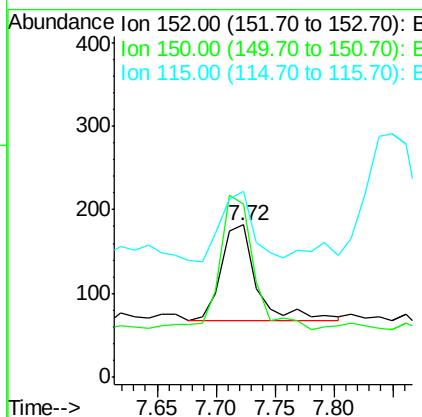
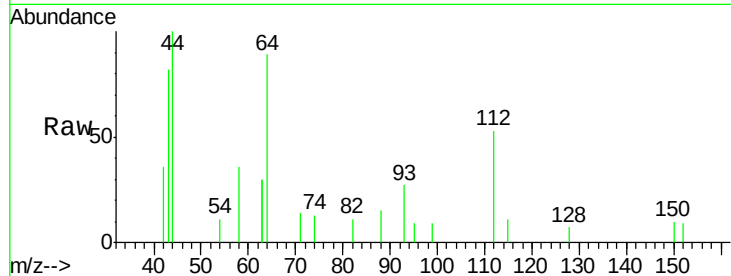
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101111.D
Acq: 21 Jan 2020 15:56

Instrument :
BNA_E
ClientSampleId :
DUP-20200116

Tot Ion	Ratio	Lower	Upper
152	100		
150	113.2	120.3	180.5#
115	122.0	51.7	77.5#

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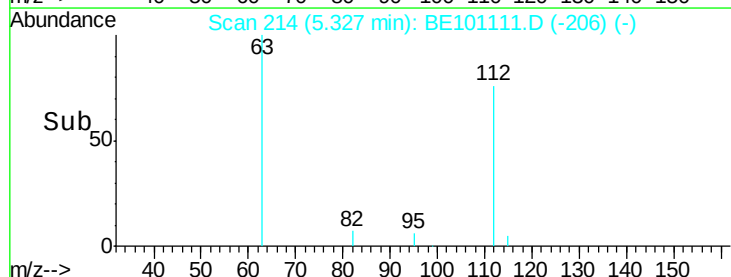
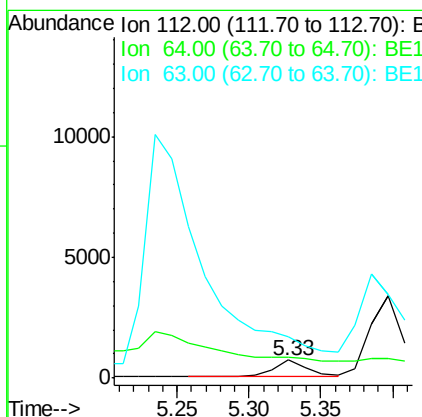
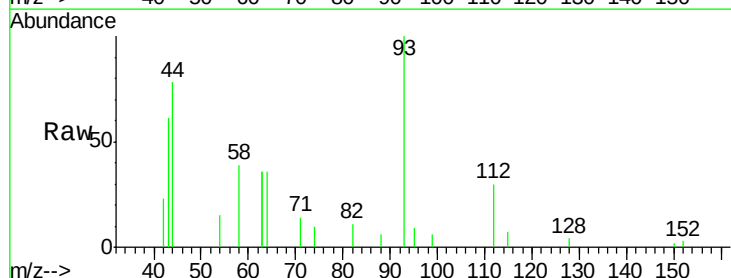
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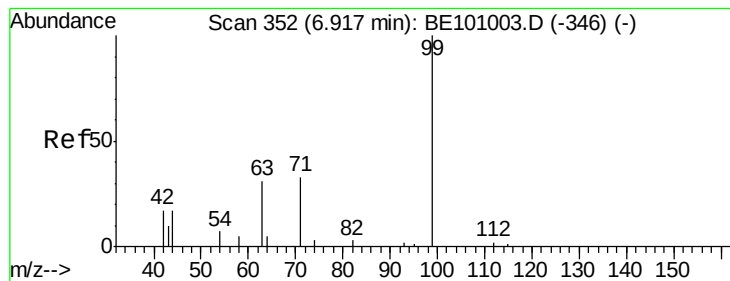


#4

2-Fluorophenol
Concen: 2.027 ng
RT: 5.33 min Scan# 214
Delta R.T. -0.01 min
Lab File: BE101111.D
Acq: 21 Jan 2020 15:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	0.0	53.6	80.4#
63	0.0	114.6	172.0#





#5

Phenol-d6

Concen: 0.389 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101111.D

Acq: 21 Jan 2020 15:56

Instrument :

BNA_E

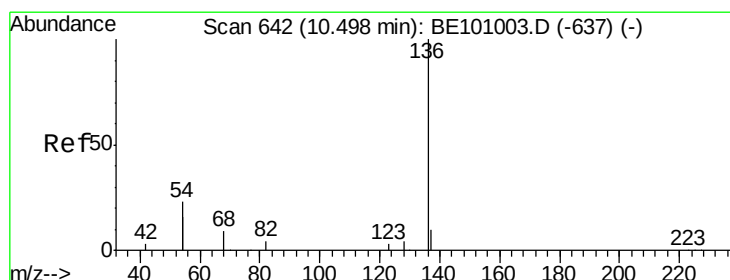
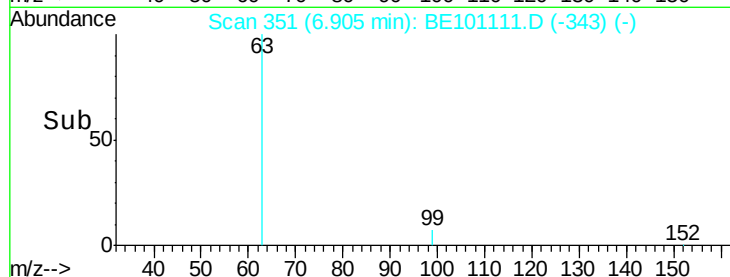
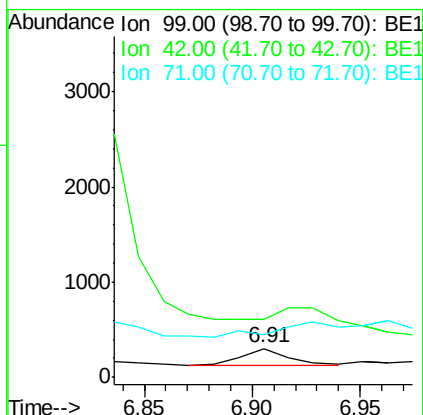
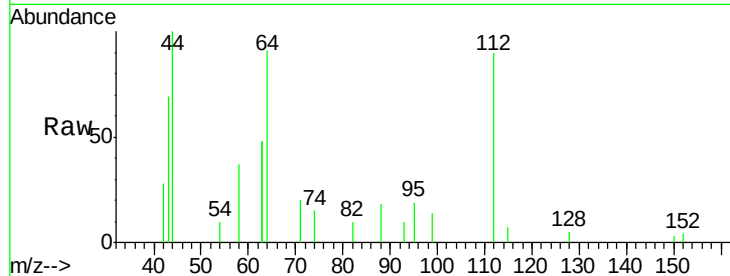
ClientSampleId :

DUP-20200116

Tot Ion:	99	Resp:	258
Ion	Ratio	Lower	Upper
99	100		
42	0.0	18.3	27.5#
71	0.0	28.0	42.0#

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#7

Naphthalene-d8

Concen: 0.400 ng

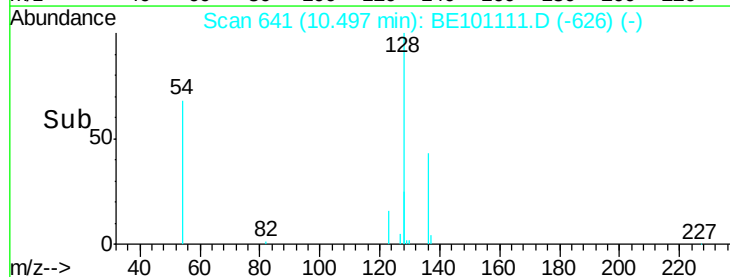
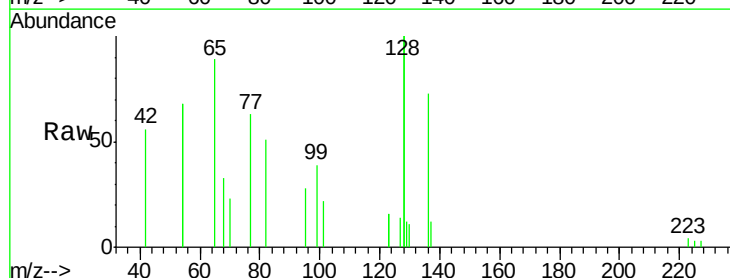
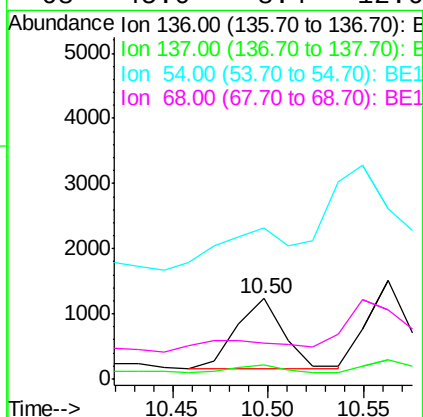
RT: 10.50 min Scan# 641

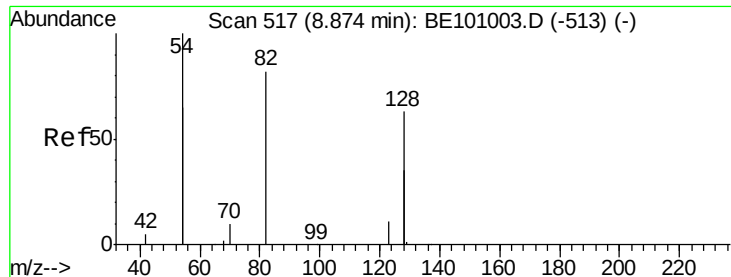
Delta R.T. -0.00 min

Lab File: BE101111.D

Acq: 21 Jan 2020 15:56

Tgt Ion:	136	Resp:	1894
Ion	Ratio	Lower	Upper
136	100		
137	17.2	9.3	13.9#
54	188.0	36.8	55.2#
68	45.0	8.4	12.6#





#8

Nitrobenzene-d5

Concen: 0.453 ng/mL

RT: 8.86 min Scan# 515

Delta R.T. -0.01 min

Lab File: BE101111.D

Acq: 21 Jan 2020 15:56

Instrument :

BNA_E

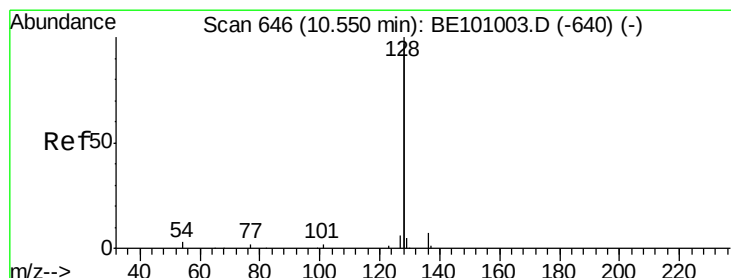
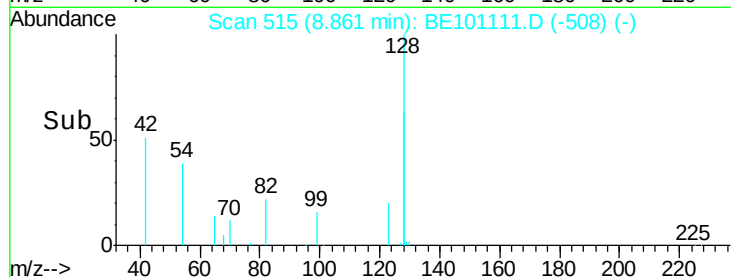
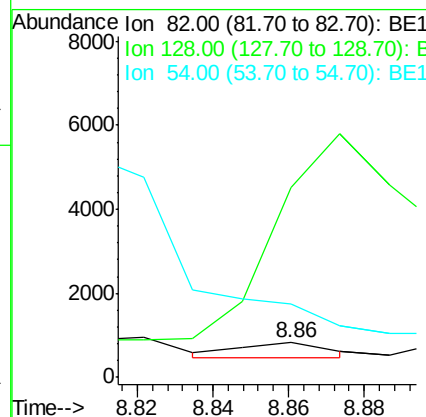
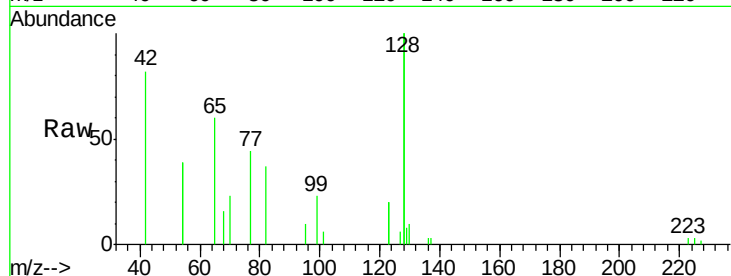
ClientSampleId :

DUP-20200116

Tot Ion:	82	Resp:	614
Ion	Ratio	Lower	Upper
82	100		
128	273.0	109.8	164.6#
54	105.8	174.5	261.7#

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#9

Naphthalene

Concen: 789.192 ng

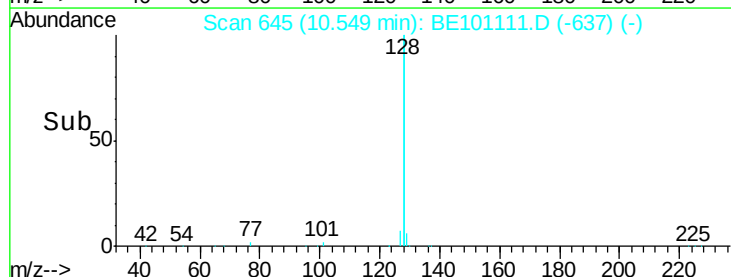
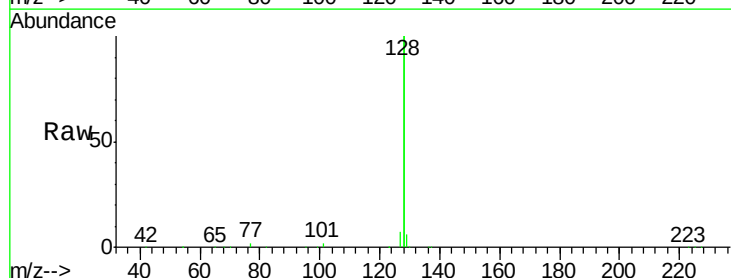
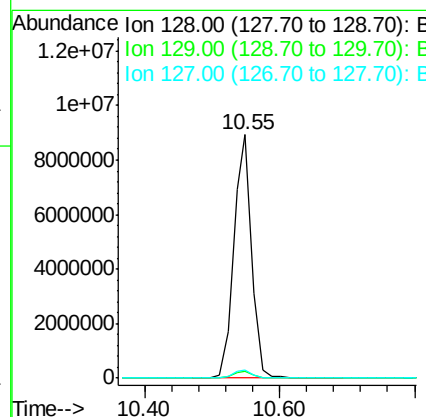
RT: 10.55 min Scan# 645

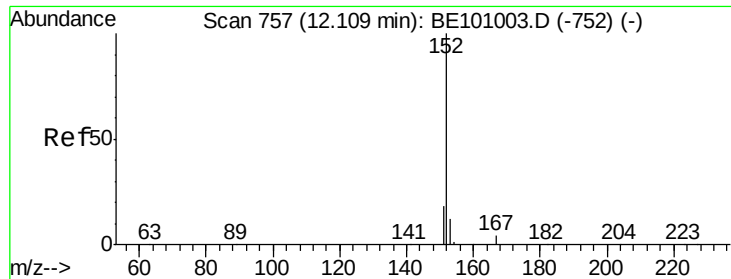
Delta R.T. -0.00 min

Lab File: BE101111.D

Acq: 21 Jan 2020 15:56

Tgt Ion:	128	Resp:	16596949
Ion	Ratio	Lower	Upper
128	100		
129	3.0	2.3	3.5
127	3.6	2.7	4.1





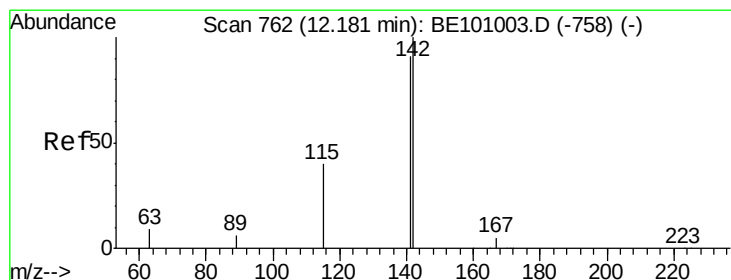
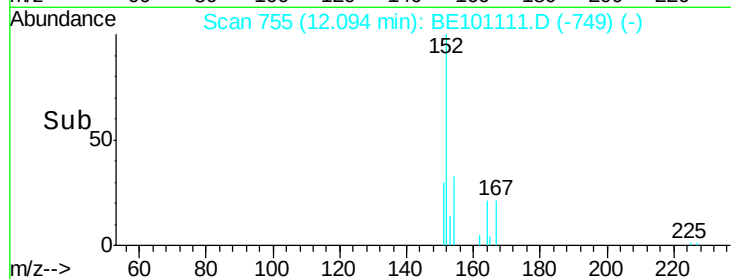
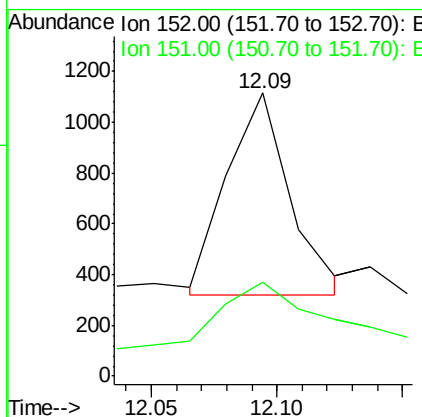
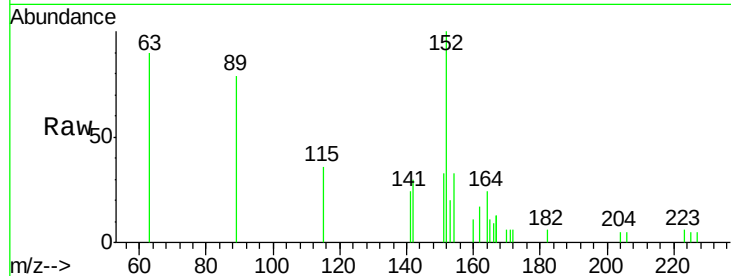
#11
2-Methylnaphthalene-d10
Concen: 0.384 ng m
RT: 12.09 min Scan# 755
Delta R.T. -0.01 min
Lab File: BE101111.D
Acq: 21 Jan 2020 15:56

Instrument :
BNA_E
ClientSampleId :
DUP-20200116

Tot Ion:152 Resp: 1388
Ion Ratio Lower Upper
152 100
151 54.8 15.0 22.6#

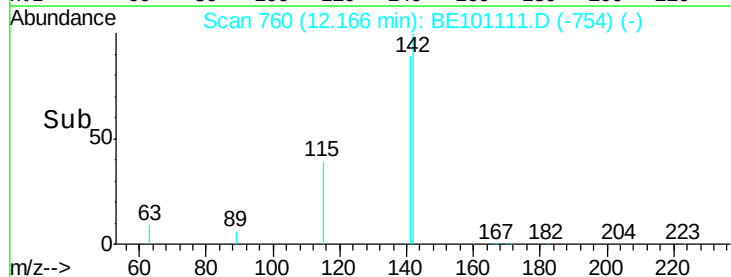
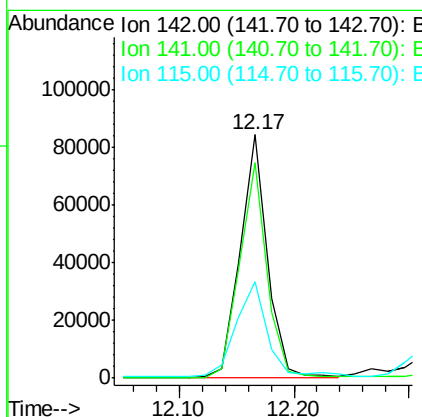
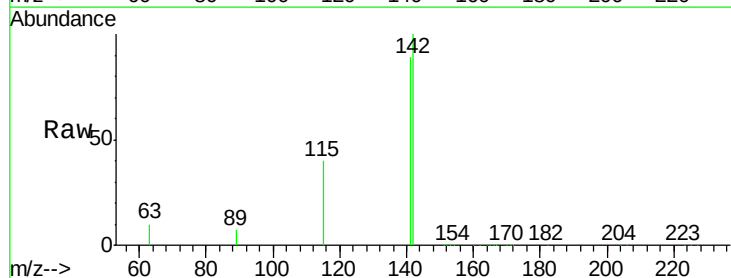
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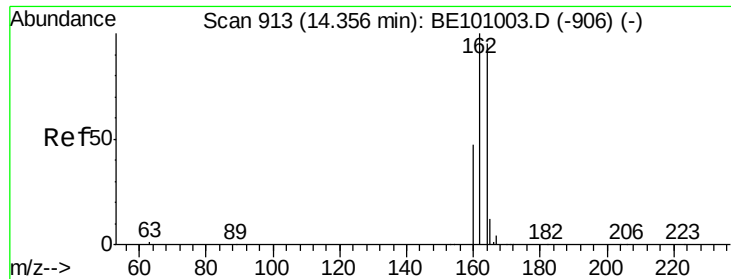
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#12
2-Methylnaphthalene
Concen: 43.072 ng
RT: 12.17 min Scan# 760
Delta R.T. -0.01 min
Lab File: BE101111.D
Acq: 21 Jan 2020 15:56

Tgt Ion:142 Resp: 137018
Ion Ratio Lower Upper
142 100
141 88.6 72.5 108.7
115 39.6 33.0 49.6





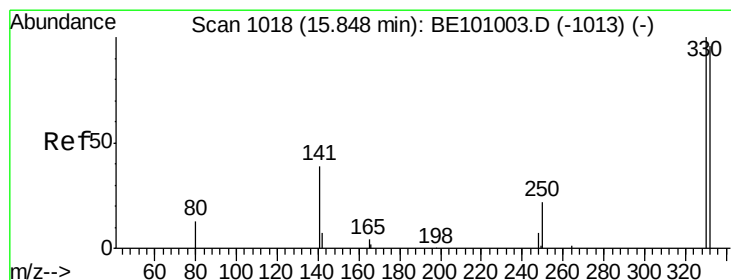
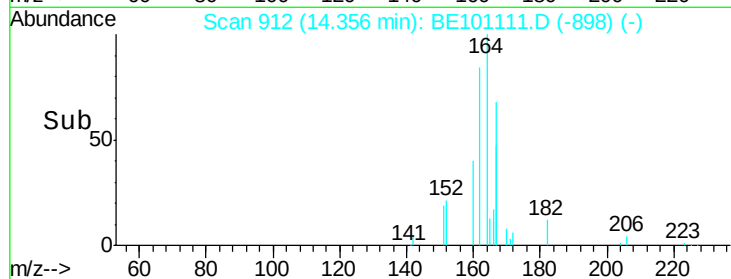
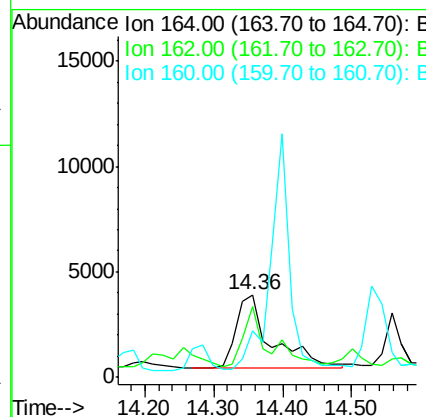
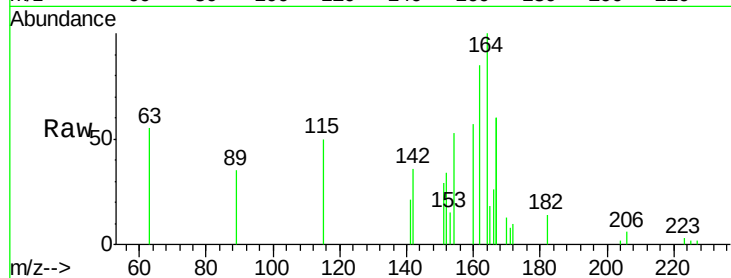
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.36 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BE101111.D
 Acq: 21 Jan 2020 15:56

Instrument :
 BNA_E
 ClientSampleId :
 DUP-20200116

Tot Ion	Ratio	Lower	Upper
164	100		
162	85.3	84.1	126.1
160	56.8	40.4	60.6

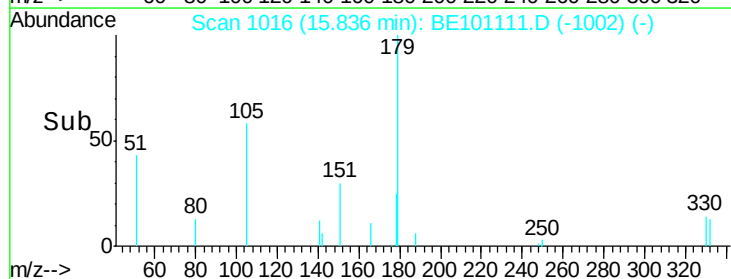
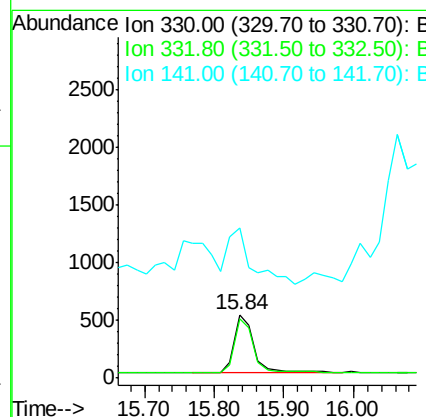
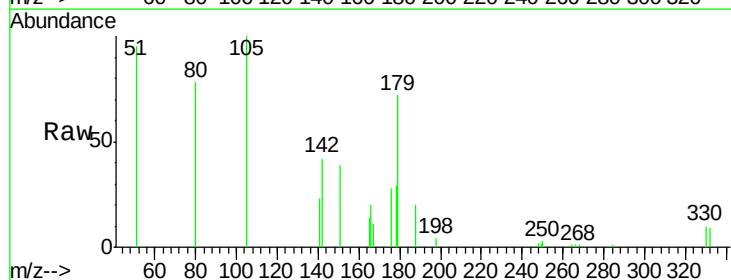
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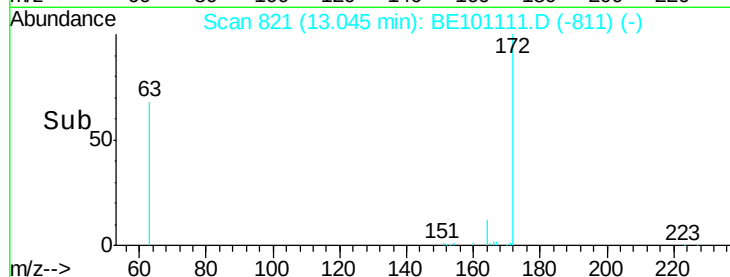
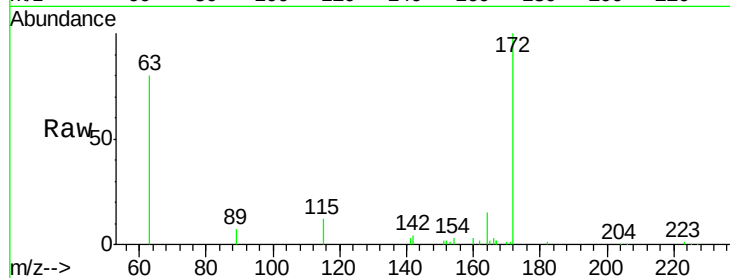
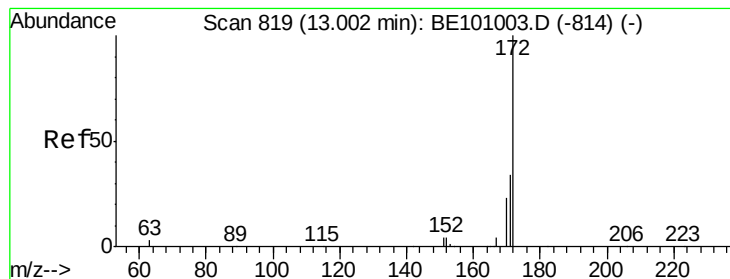
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#14
 2,4,6-Tribromophenol
 Concen: 0.277 ng
 RT: 15.84 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BE101111.D
 Acq: 21 Jan 2020 15:56

Tgt Ion	Ratio	Lower	Upper
330	100		
332	90.3	78.4	117.6
141	117.6	37.0	55.4#





#15

2-Fluorobiphenyl

Concen: 0.467 ng/mL

RT: 13.04 min Scan# 821

Delta R.T. 0.04 min

Lab File: BE101111.D

Acq: 21 Jan 2020 15:56

Tot Ion:	172	Resp:	22225
Ion Ratio	Lower	Upper	
172	100		
171	1.2	28.2	42.2#
170	1.3	18.9	28.3#

Instrument :

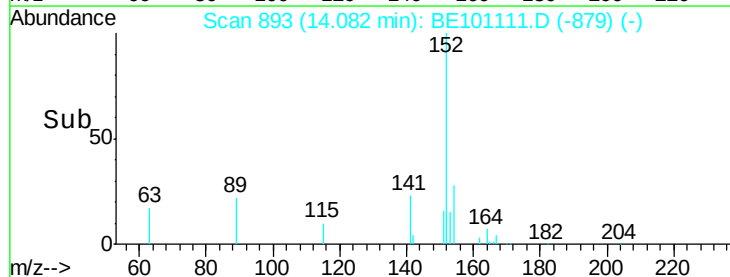
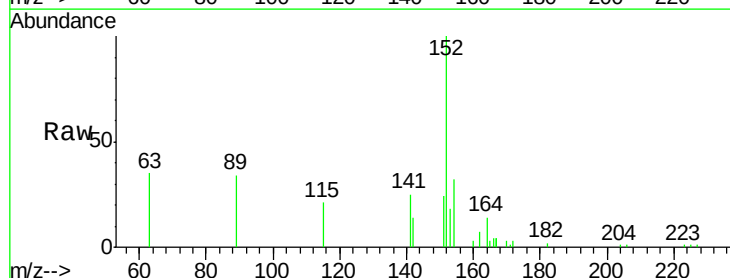
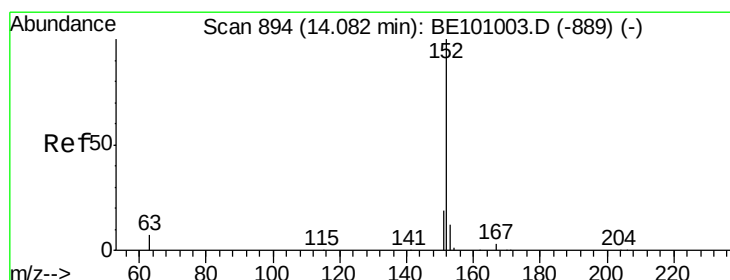
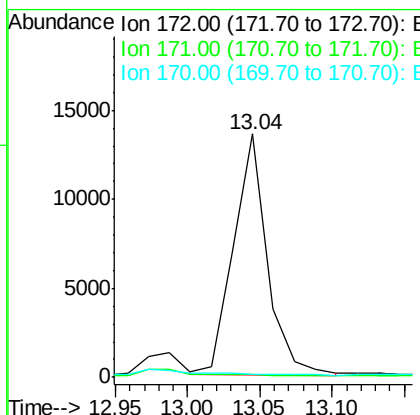
BNA_E

ClientSampleId :

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#16

Acenaphthylene

Concen: 0.340 ng/mL

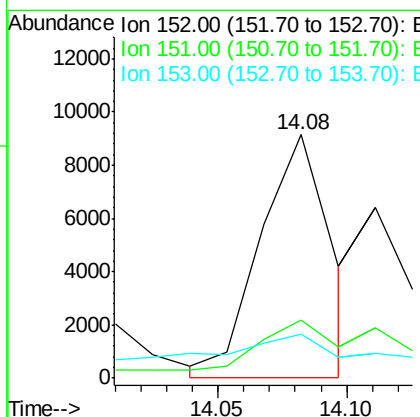
RT: 14.08 min Scan# 893

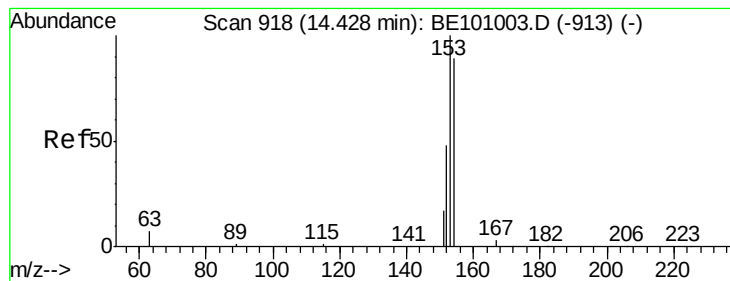
Delta R.T. -0.00 min

Lab File: BE101111.D

Acq: 21 Jan 2020 15:56

Tgt Ion:	152	Resp:	17338
Ion Ratio	Lower	Upper	
152	100		
151	0.0	15.5	23.3#
153	17.3	10.4	15.6#





#17

Acenaphthene

Concen: 0.865 ng

RT: 14.41 min Scan# 916

Delta R.T. -0.01 min

Lab File: BE101111.D

Acq: 21 Jan 2020 15:56

Instrument :

BNA_E

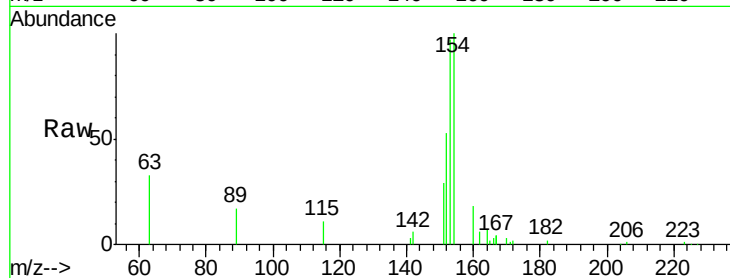
ClientSampleId :

DUP-20200116

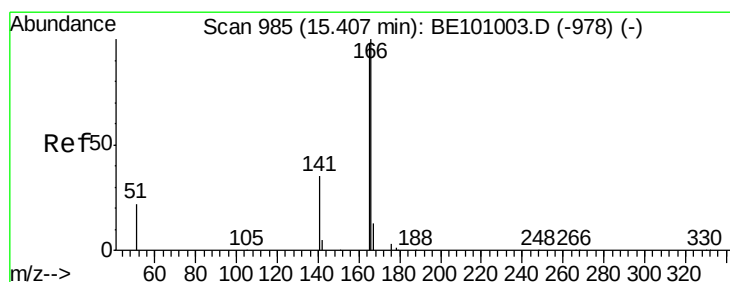
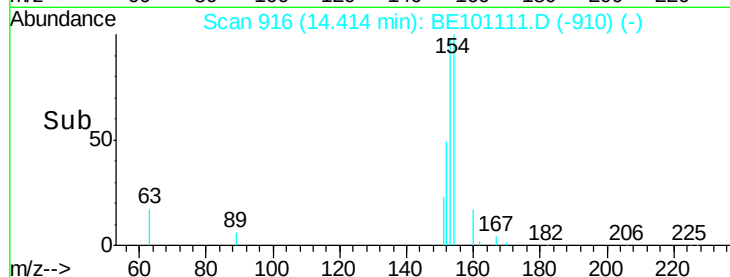
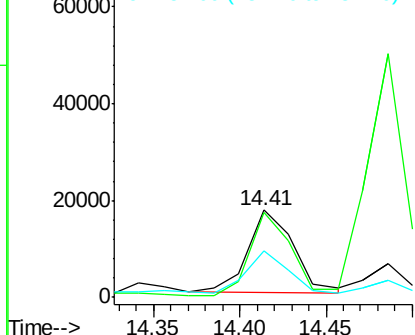
Tot Ion:	154	Resp:	31624
Ion Ratio	Lower	Upper	
154	100		
153	88.5	93.6	140.4#
152	46.8	46.3	69.5

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 4.434 ng

RT: 15.39 min Scan# 983

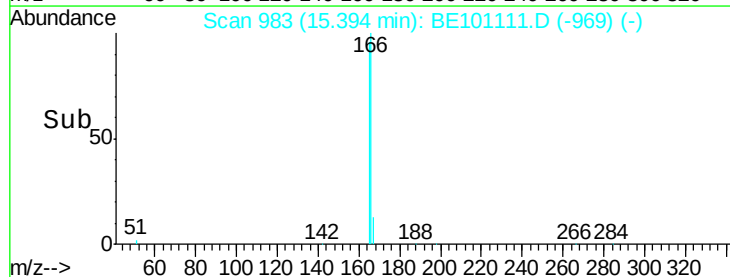
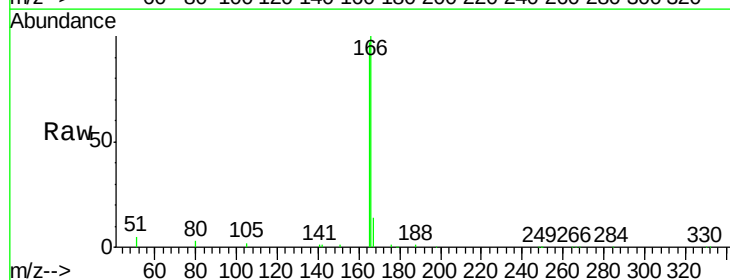
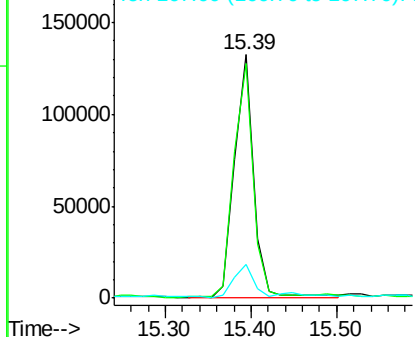
Delta R.T. -0.01 min

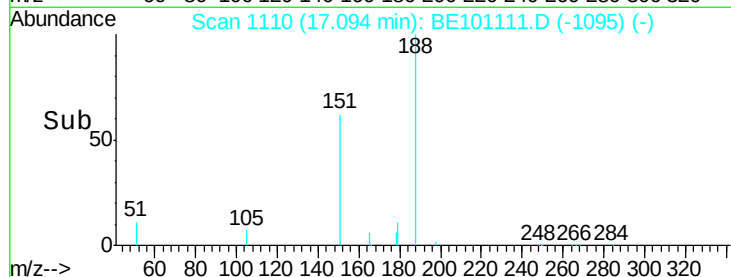
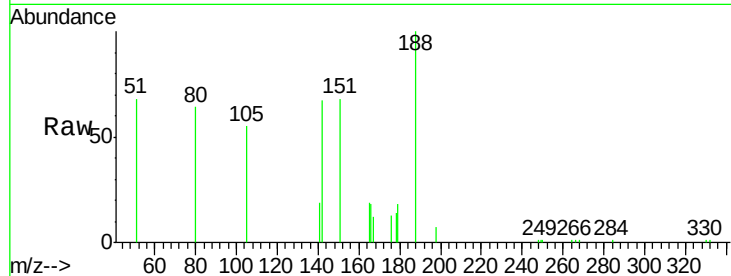
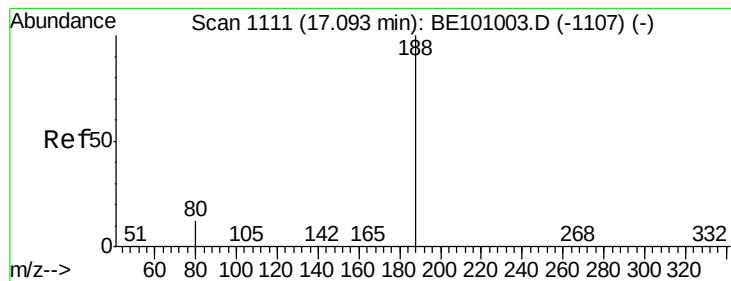
Lab File: BE101111.D

Acq: 21 Jan 2020 15:56

Tgt Ion:	166	Resp:	204835
Ion Ratio	Lower	Upper	
166	100		
165	97.6	79.8	119.8
167	14.2	11.0	16.6

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.09 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BE101111.D

Acq: 21 Jan 2020 15:56

Tot Ion:	188	Resp:	13164
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	63.7	10.8	16.2#

Instrument :

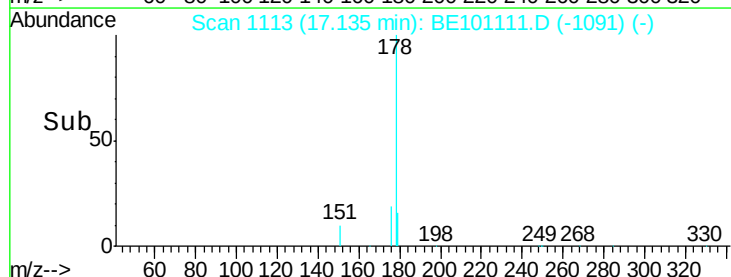
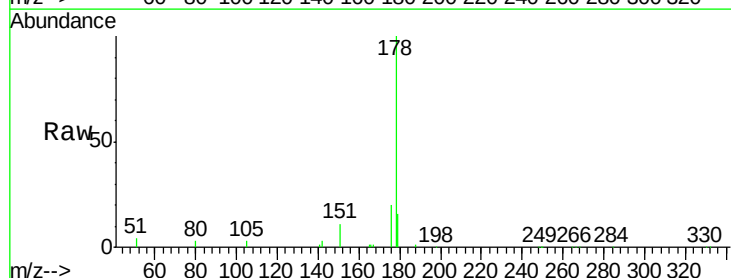
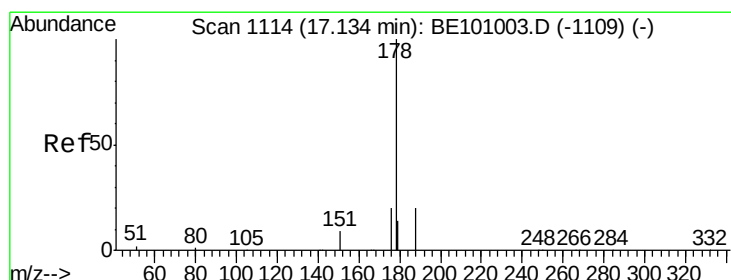
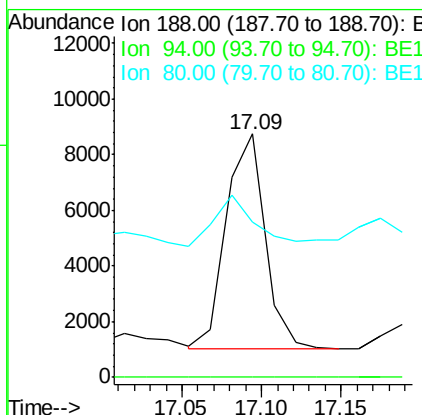
BNA_E

ClientSampleId :

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#23

Phenanthrene

Concen: 7.940 ng

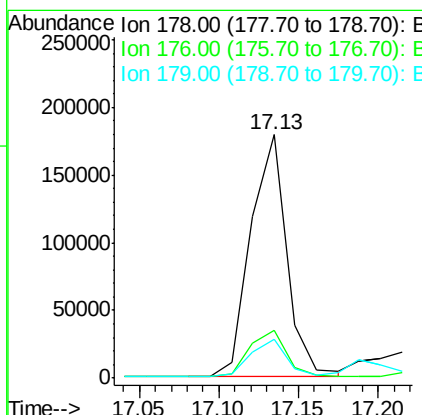
RT: 17.13 min Scan# 1113

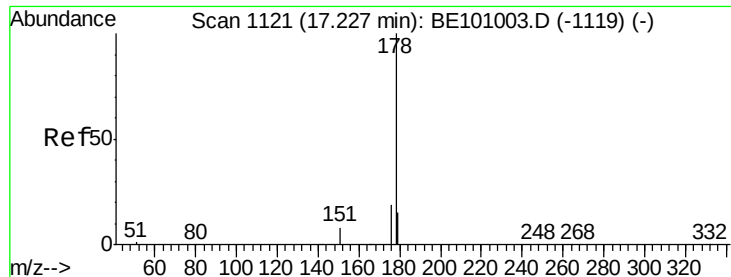
Delta R.T. 0.00 min

Lab File: BE101111.D

Acq: 21 Jan 2020 15:56

Tgt Ion:	178	Resp:	285410
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.7	23.5
179	16.4	12.0	18.0





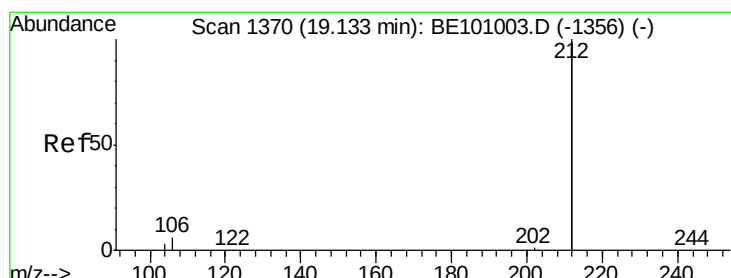
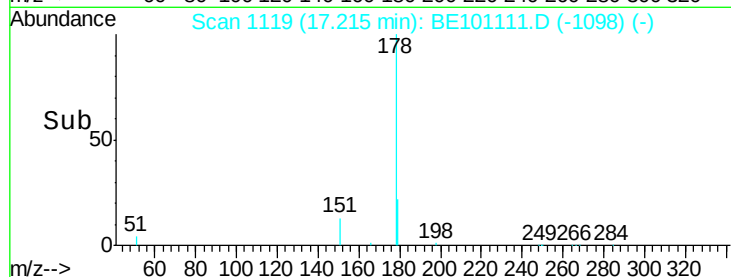
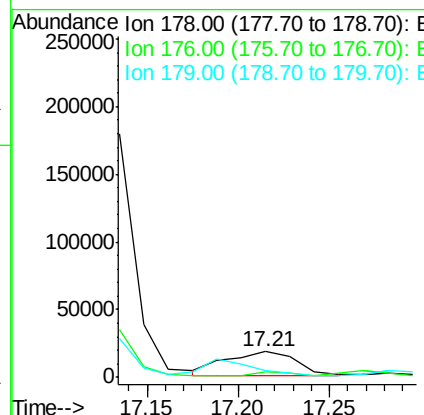
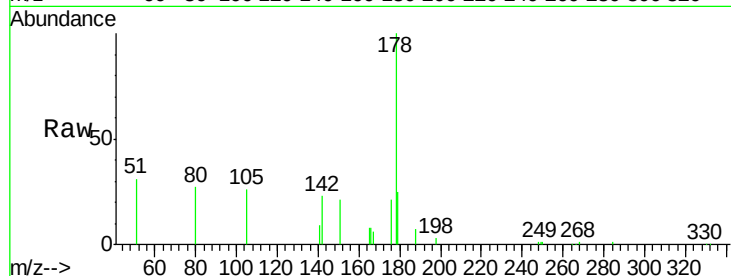
#24
 Anthracene
 Concen: 1.487 ng/ml
 RT: 17.21 min Scan# 1119
 Delta R.T. -0.01 min
 Lab File: BE101111.D
 Acq: 21 Jan 2020 15:56

Instrument :
 BNA_E
 ClientSampleId :
 DUP-20200116

Tot Ion	Ratio	Lower	Upper
178	100		
176	110.6	14.8	22.2#
179	92.7	12.4	18.6#

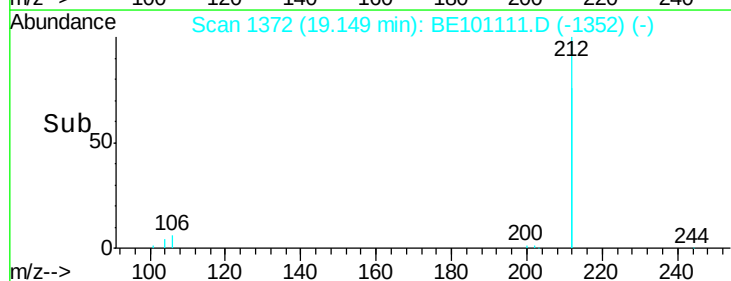
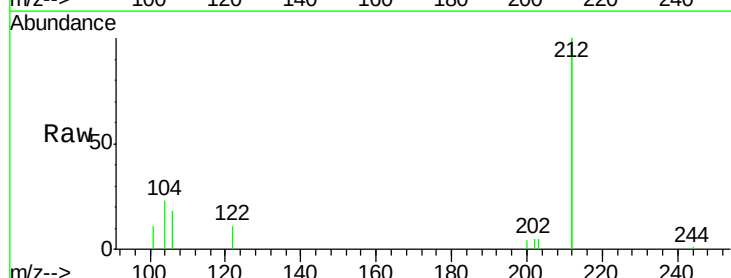
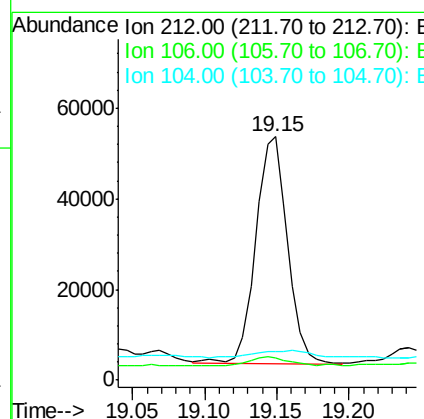
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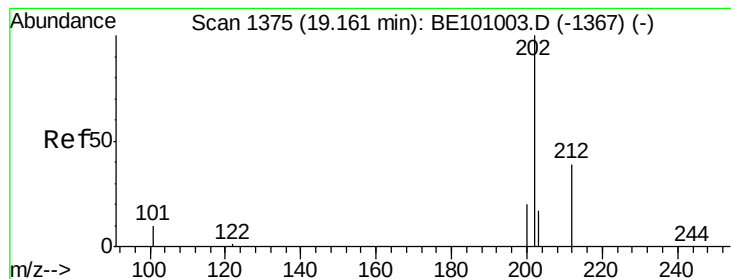
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#25
 Fluoranthene-d10
 Concen: 0.425 ng
 RT: 19.15 min Scan# 1372
 Delta R.T. 0.02 min
 Lab File: BE101111.D
 Acq: 21 Jan 2020 15:56

Tgt Ion	Ratio	Lower	Upper
212	100		
106	4.8	2.6	3.8#
104	5.1	1.4	2.0#





#26

Fluoranthene

Concen: 1.352 ng

RT: 19.18 min Scan# 1377

Delta R.T. 0.02 min

Lab File: BE101111.D

Acq: 21 Jan 2020 15:56

Instrument :

BNA_E

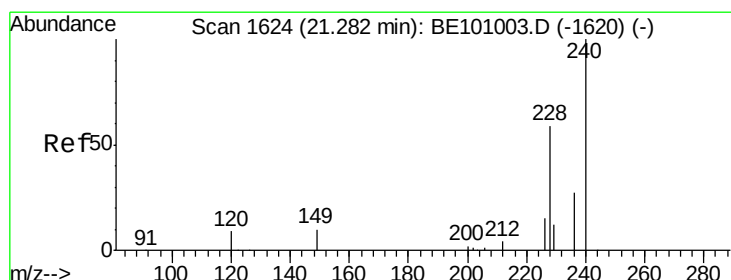
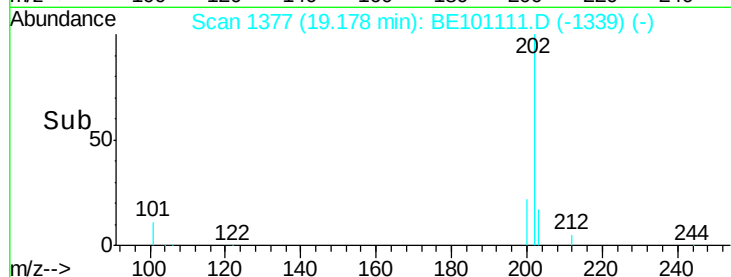
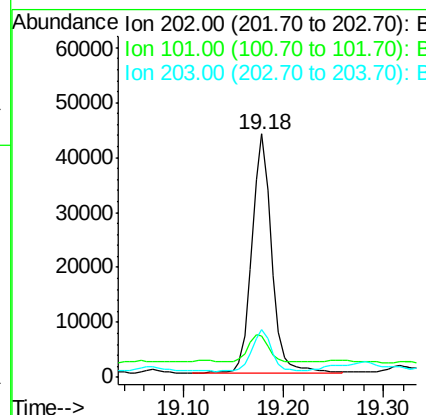
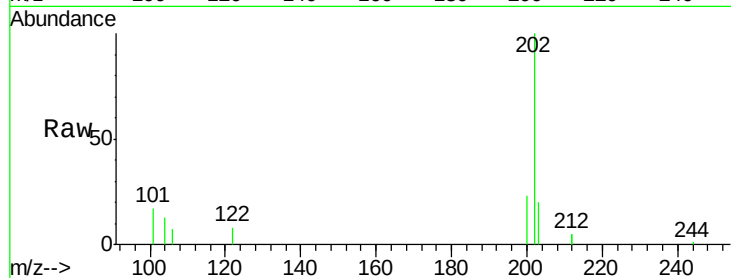
ClientSampleId :

DUP-20200116

Tot Ion:	202	Resp:	60849
Ion Ratio	Lower	Upper	
202	100		
101	12.3	9.6	14.4
203	17.0	13.8	20.6

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#27

Chrysene-d12

Concen: 0.400 ng

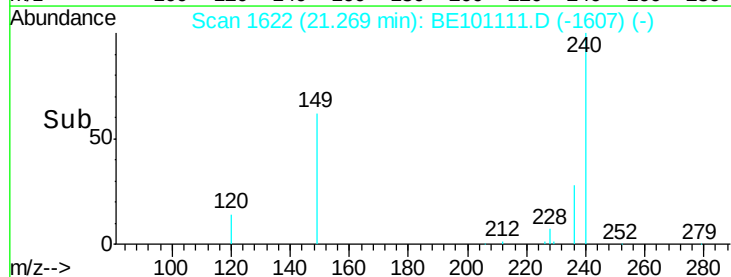
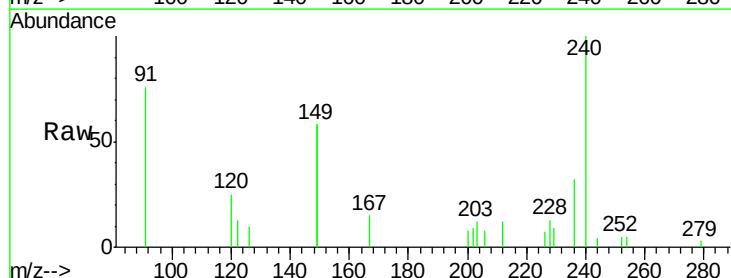
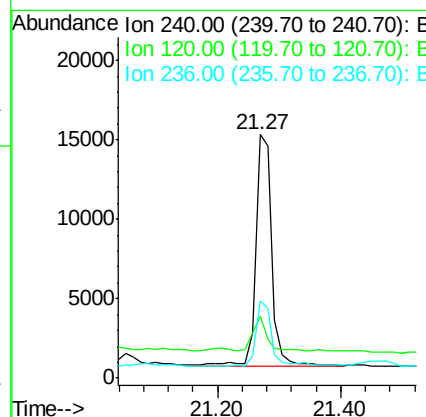
RT: 21.27 min Scan# 1622

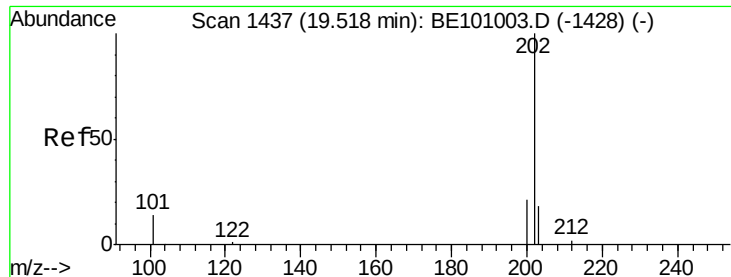
Delta R.T. -0.01 min

Lab File: BE101111.D

Acq: 21 Jan 2020 15:56

Tgt Ion:	240	Resp:	25904
Ion Ratio	Lower	Upper	
240	100		
120	25.5	8.6	13.0#
236	31.9	22.2	33.4





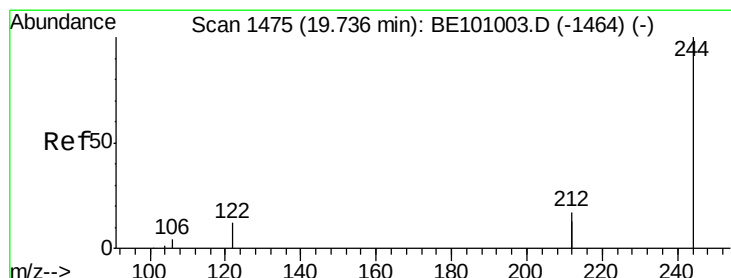
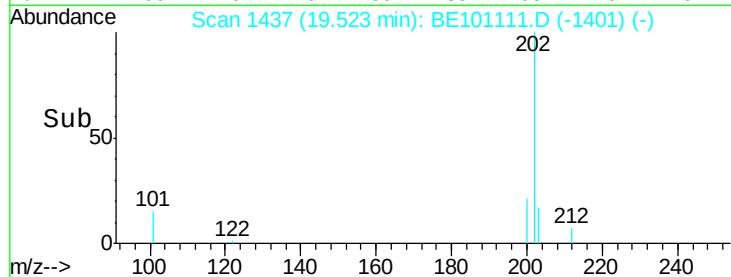
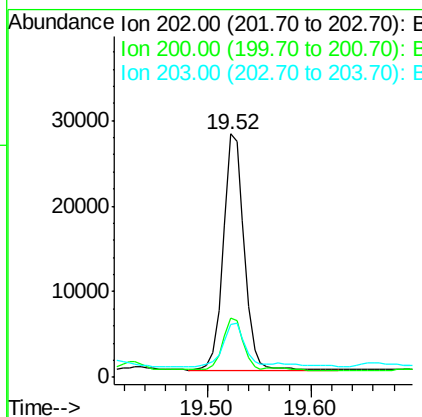
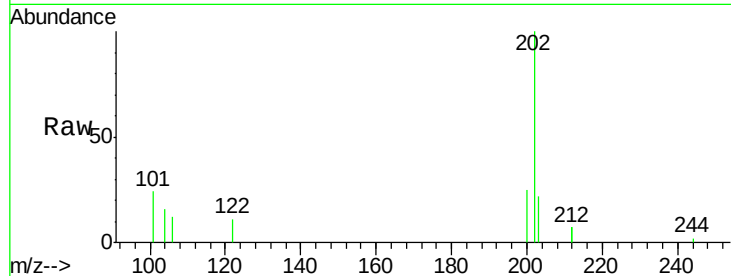
#28
Pvrene
Concen: 0.402 ng
RT: 19.52 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BE101111.D
Acq: 21 Jan 2020 15:56

Instrument :
BNA_E
ClientSampleId :
DUP-20200116

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	19.7	13.8	20.6

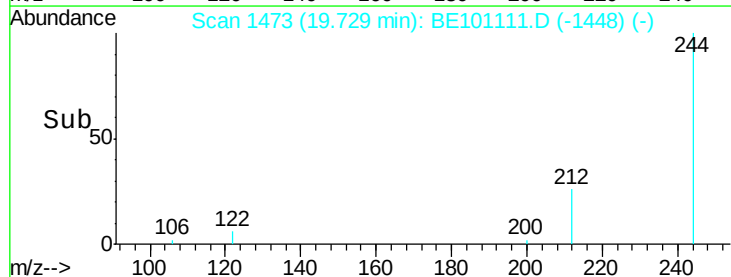
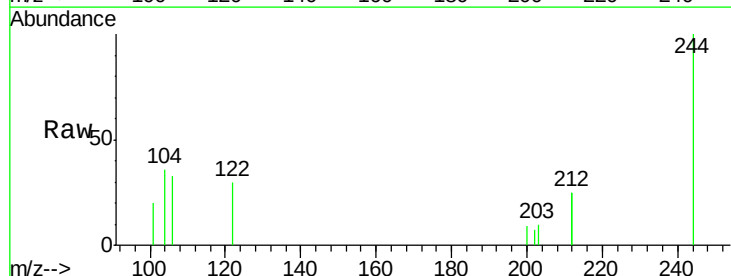
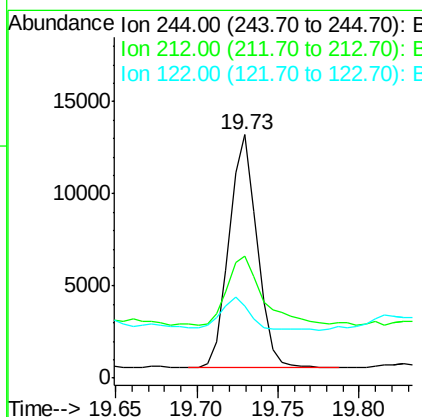
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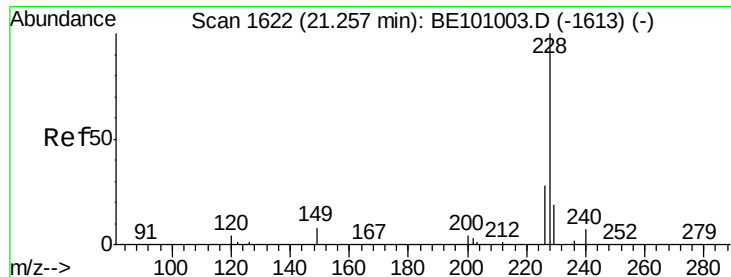
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#29
Terphenyl-d14
Concen: 0.237 ng
RT: 19.73 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BE101111.D
Acq: 21 Jan 2020 15:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	50.3	27.2	40.8#
122	29.6	9.8	14.8#





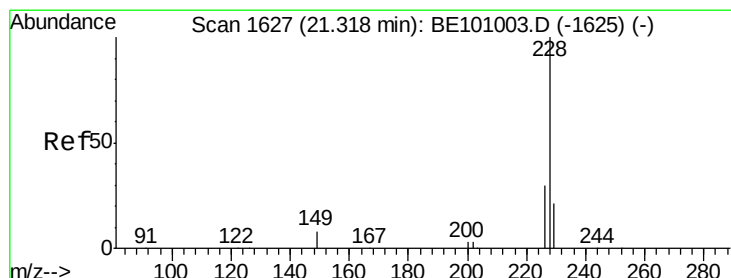
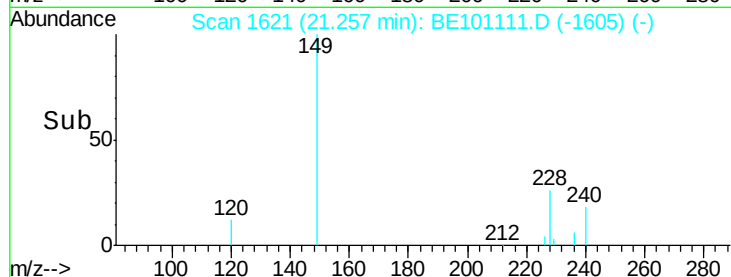
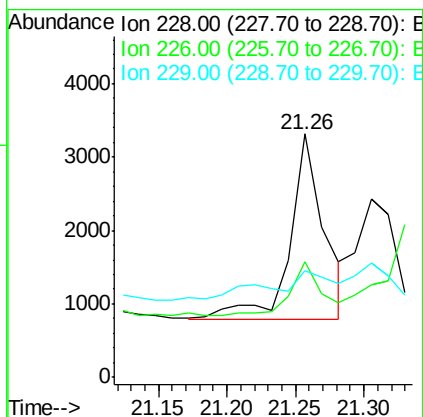
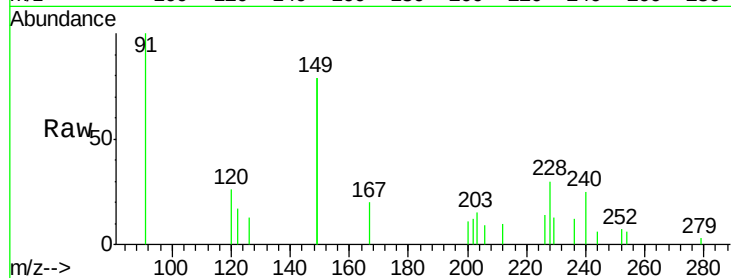
#30
Benzo(a)anthracene
Concen: 0.060 ng
RT: 21.26 min Scan# 1621
Delta R.T. -0.00 min
Lab File: BE101111.D
Acq: 21 Jan 2020 15:56

Instrument :
BNA_E
ClientSampleId :
DUP-20200116

Tot Ion	Ratio	Lower	Upper
228	100		
226	47.6	22.7	34.1#
229	43.9	15.5	23.3#

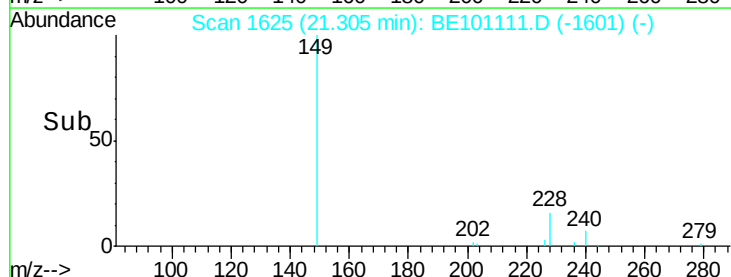
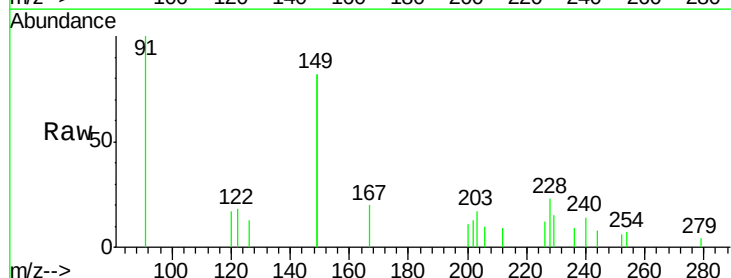
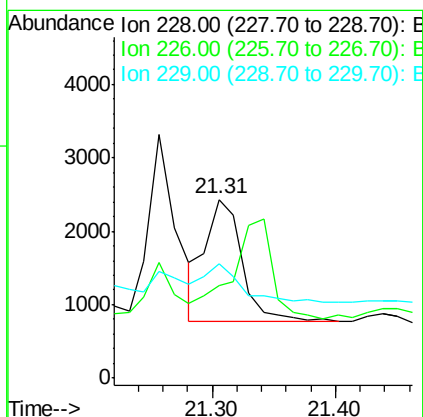
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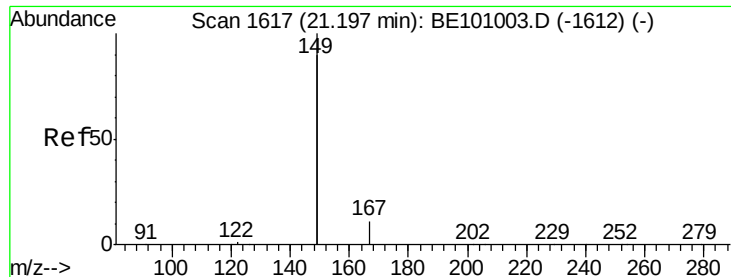
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#31
Chrysene
Concen: 0.032 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE101111.D
Acq: 21 Jan 2020 15:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	52.0	23.5	35.3#
229	63.8	16.7	25.1#





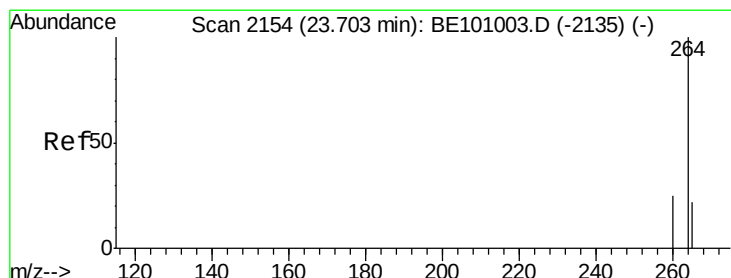
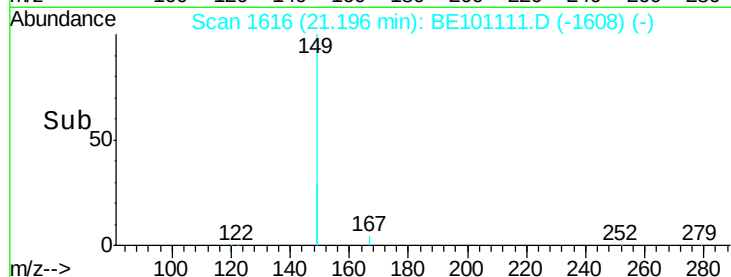
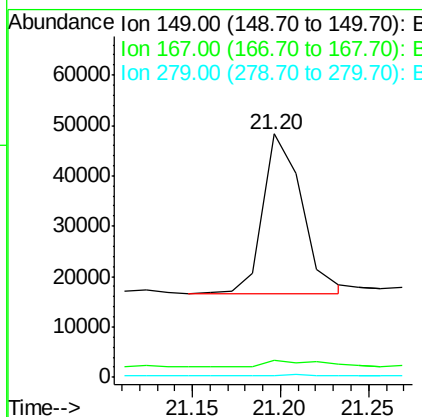
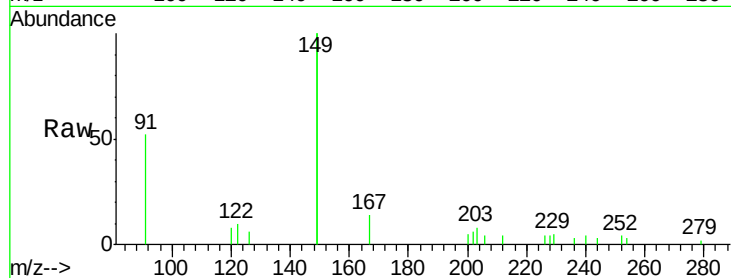
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.392 ng
 RT: 21.20 min Scan# 1616
 Delta R.T. -0.00 min
 Lab File: BE101111.D
 Acq: 21 Jan 2020 15:56

Instrument :
 BNA_E
 ClientSampleId :
 DUP-20200116

Tot Ion	Ratio	Lower	Upper
149	100		
167	6.0	5.2	7.8
279	0.6	0.8	1.2

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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.70 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BE101111.D
 Acq: 21 Jan 2020 15:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.3	30.5
265	29.5	27.0	40.4

