

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
 Data File : BF120520.D
 Acq On : 3 Jun 2020 20:10
 Operator : JU/CG
 Sample : L2839-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NMDUP05-2020-0-6

Manual Integrations
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mohammad
 6/4/2020 12:12:48 PM

Quant Time: Jun 04 01:25:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 03 14:26:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	141415	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	505564	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	234132	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	372736	20.00	ng	0.00
76) Chrysene-d12	14.00	240	295230	20.00	ng	-0.01
86) Perylene-d12	15.46	264	262517	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	702050	94.61	ng	0.00
7) Phenol-d6	6.47	99	875117	95.68	ng	0.00
23) Nitrobenzene-d5	7.40	82	572119	74.02	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	216017	99.58	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1075676	77.95	ng	0.00
79) Terphenyl-d14	12.95	244	908853	68.50	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	198157	13.538	ng	99
71) Phenanthrene	11.38	178	170508	10.382	ng	97
72) Anthracene	11.43	178	44002	2.670	ng	99
75) Fluoranthene	12.57	202	311137	17.606	ng	99
78) Pyrene	12.80	202	278421	13.561	ng	99
81) Benzo(a)anthracene	13.99	228	166544	10.526	ng	99
83) Chrysene	14.02	228	137173	8.269	ng	97
87) Indeno(1,2,3-cd)pyrene	16.89	276	70161	4.886	ng	94
88) Benzo(b)fluoranthene	15.03	252	166134m	11.394	ng	
89) Benzo(k)fluoranthene	15.06	252	57780m	4.245	ng	
90) Benzo(a)pyrene	15.39	252	110758	8.684	ng	96
92) Benzo(a,h,i)perylene	17.33	276	64826	5.615	ng	99

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

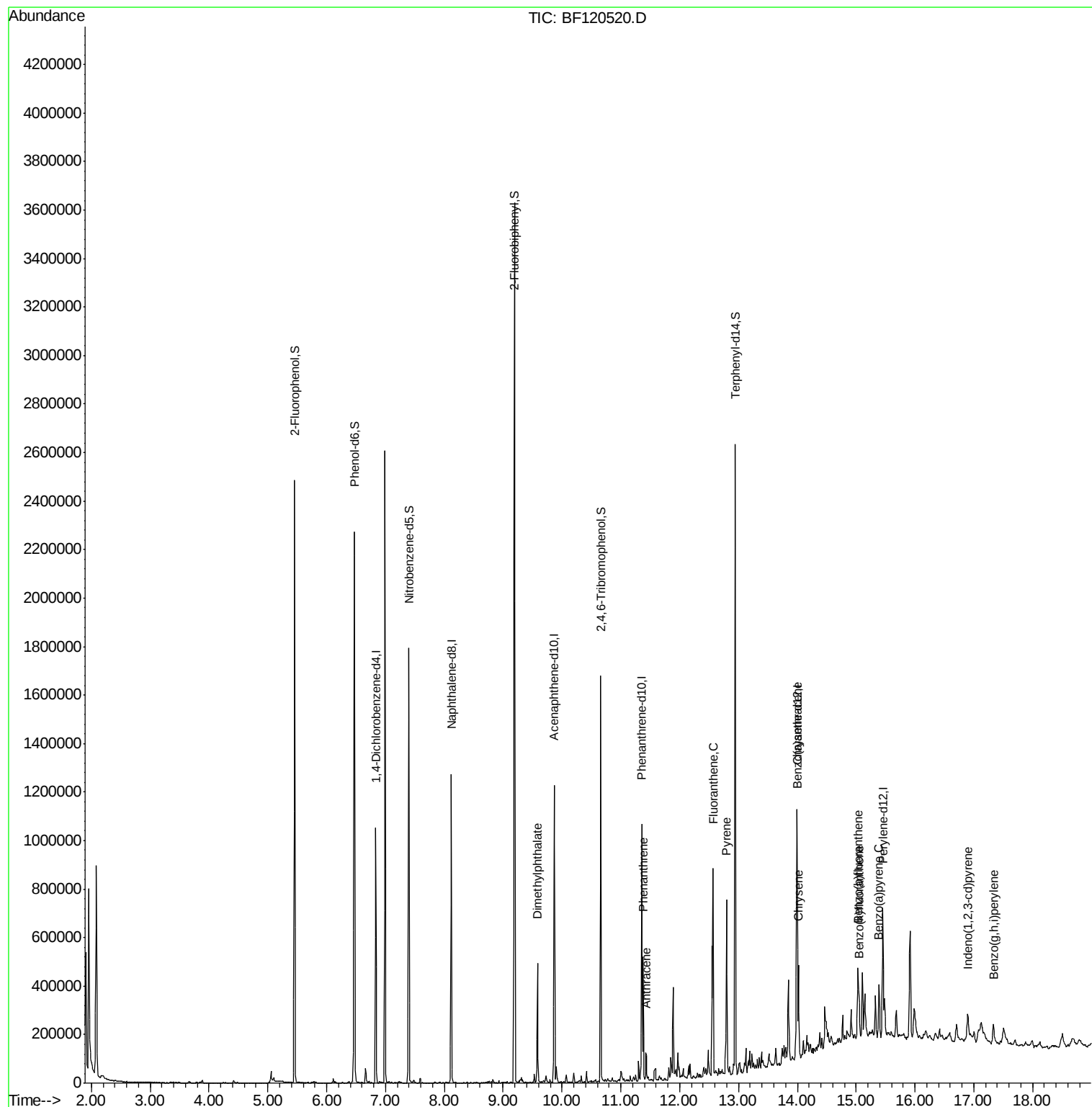
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
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Manual Integrations
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
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Response via : Initial Calibration





#1

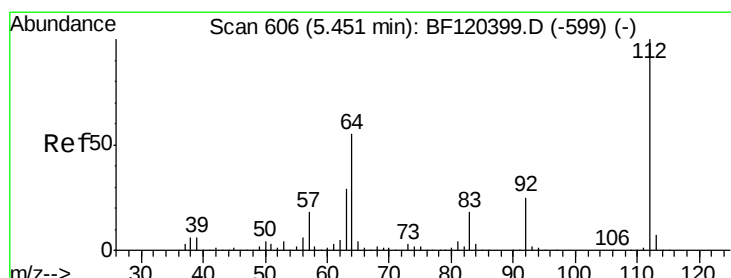
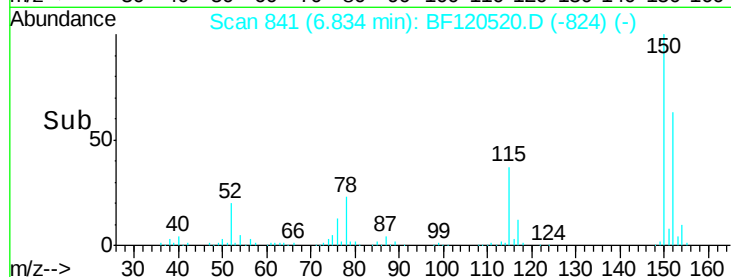
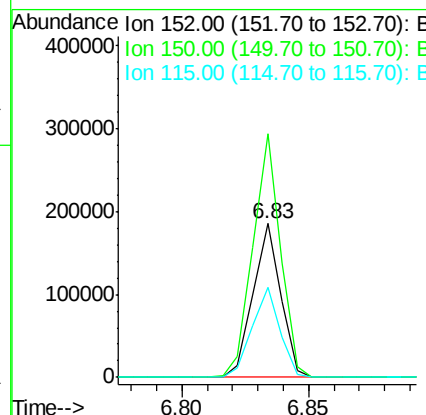
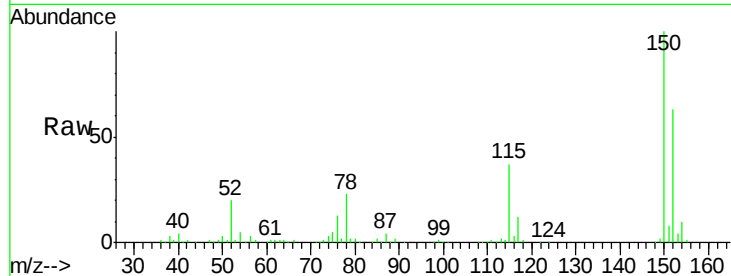
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF120520.D
Acq: 3 Jun 2020 20:10

Instrument :
BNA_F
ClientSampleId :
NMDUP05-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	127.1	190.7
115	58.3	48.7	73.1

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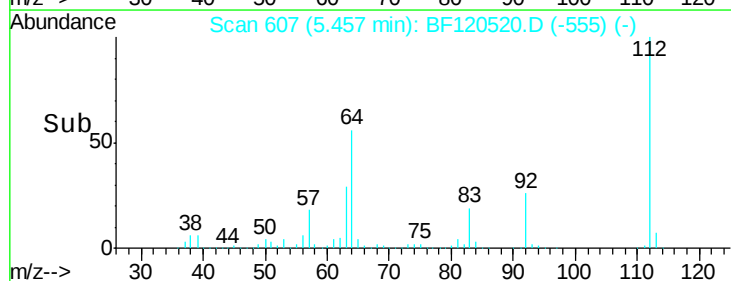
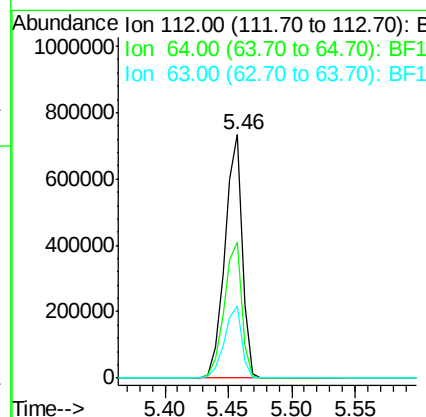
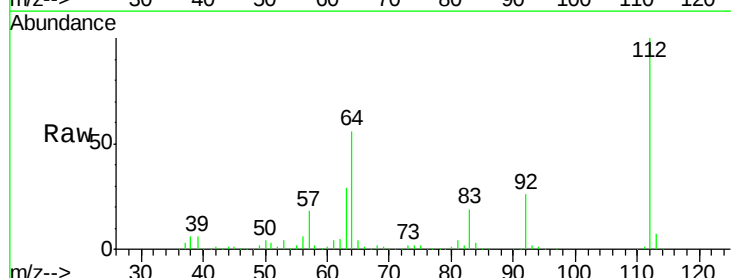
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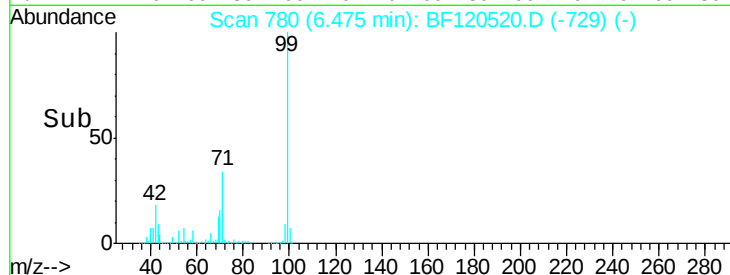
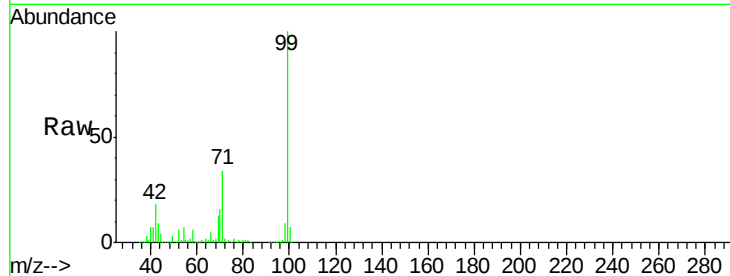


#5

2-Fluorophenol
Concen: 94.610 ng
RT: 5.46 min Scan# 607
Delta R.T. 0.01 min
Lab File: BF120520.D
Acq: 3 Jun 2020 20:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	45.8	68.8
63	29.5	23.7	35.5





#7

Phenol-d6

Concen: 95.681 ng

RT: 6.47 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF120520.D

Acq: 3 Jun 2020 20:10

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		875117		
42	18.5	15.0	22.4		
71	33.6	26.3	39.5		

Instrument :

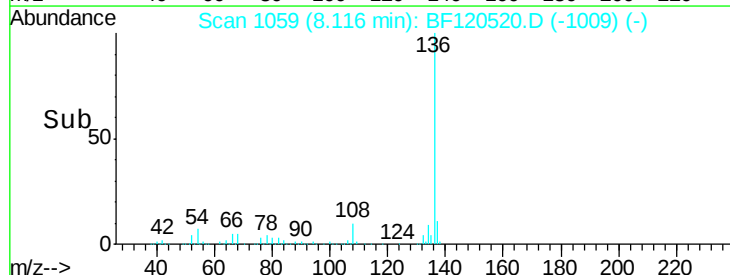
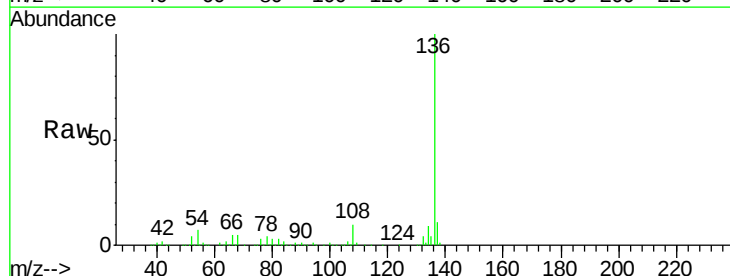
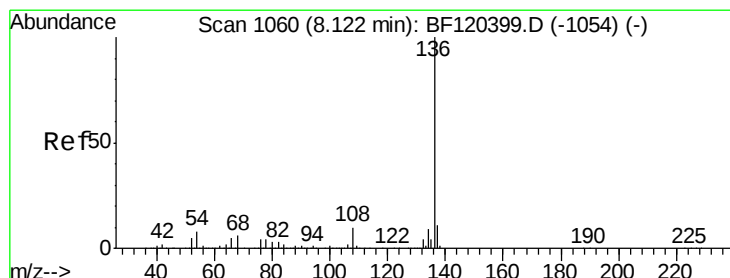
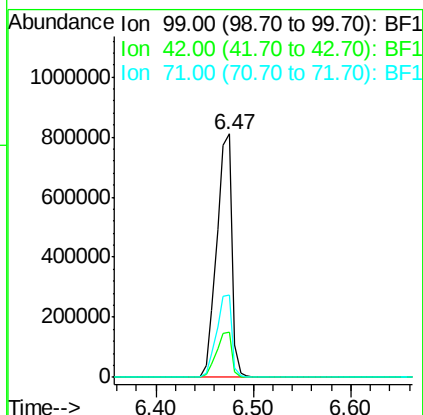
BNA_F

ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.000 ng

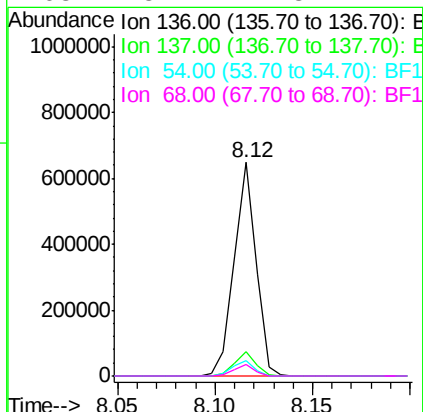
RT: 8.12 min Scan# 1059

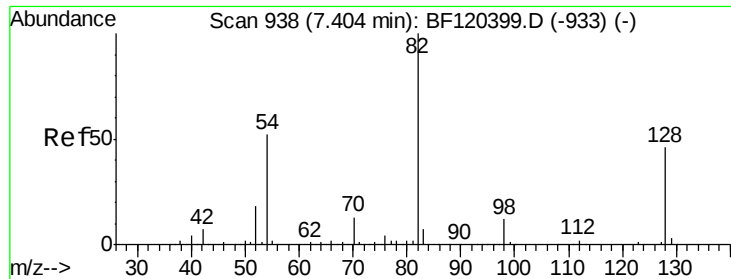
Delta R.T. -0.01 min

Lab File: BF120520.D

Acq: 3 Jun 2020 20:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		505564		
137	11.2	9.0	13.4		
54	7.1	6.0	9.0		
68	5.1	4.8	7.2		





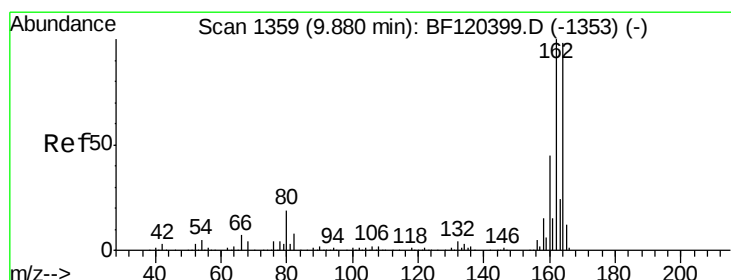
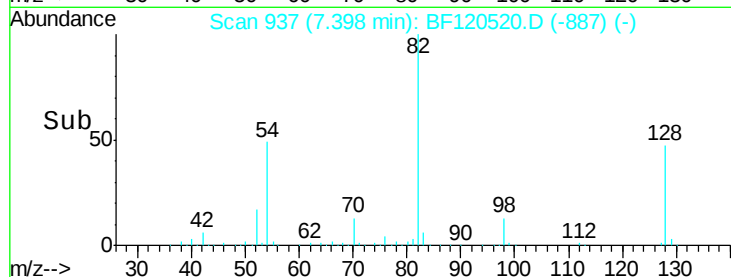
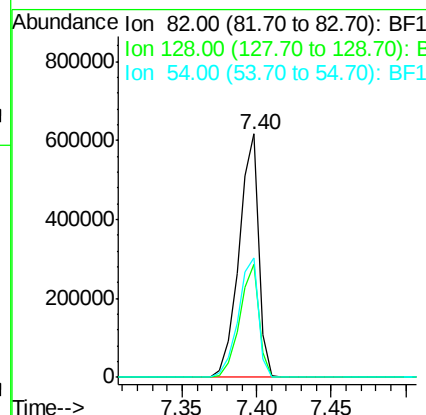
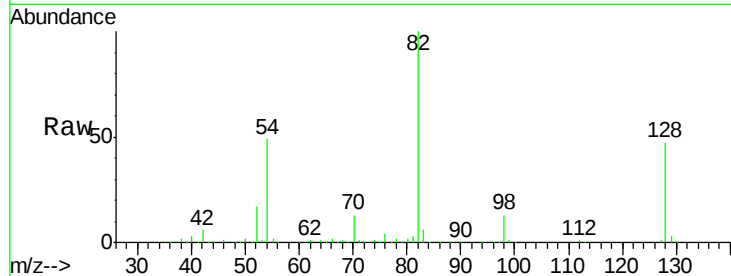
#23
Nitrobenzene-d5
Concen: 74.024 ng
RT: 7.40 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF120520.D
Acq: 3 Jun 2020 20:10

Instrument :
BNA_F
ClientSampleId :
NMDUP05-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
82	100	572119		
128	46.7		37.4	56.0
54	48.9		40.7	61.1

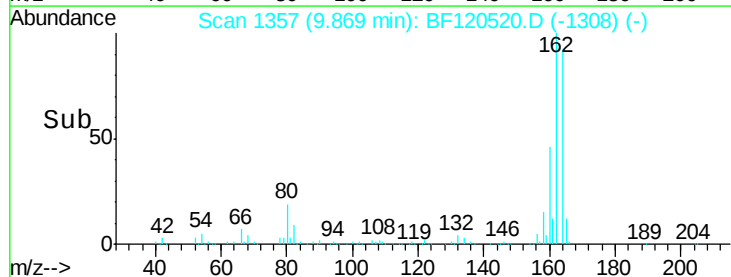
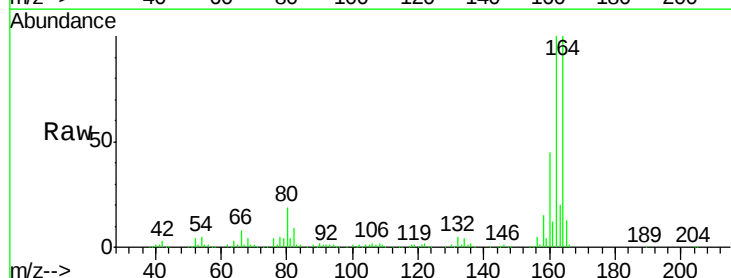
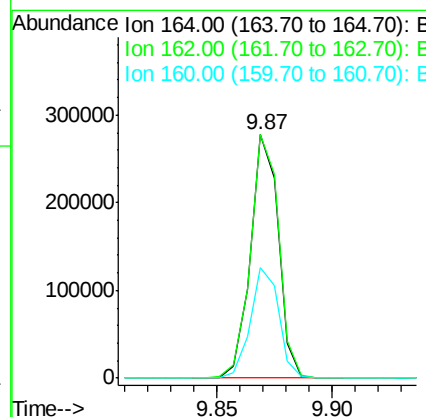
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF120520.D
Acq: 3 Jun 2020 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	234132		
162	100.1		81.8	122.6
160	45.3		37.3	55.9





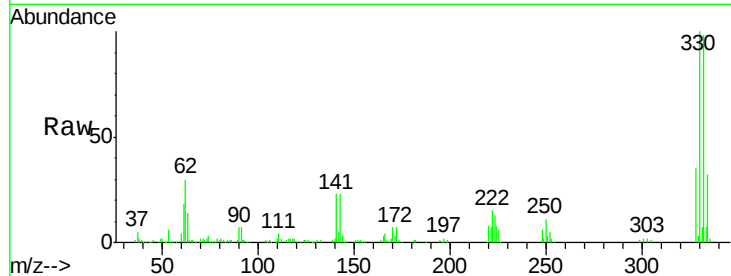
#42
 2,4,6-Tribromophenol
 Concen: 99.577 ng
 RT: 10.66 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF120520.D
 Acq: 3 Jun 2020 20:10

Instrument :
 BNA_F
 ClientSampleId :
 NMDUP05-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	216017		
332	96.5		77.4	116.2
141	30.3		23.5	35.3

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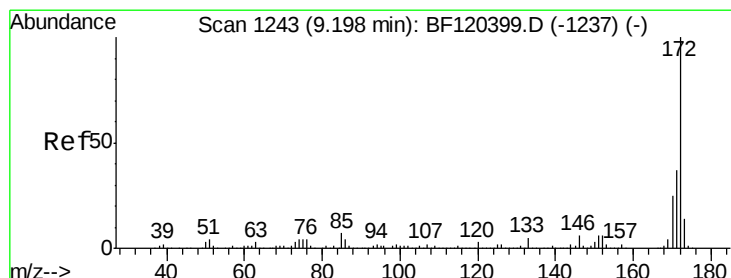
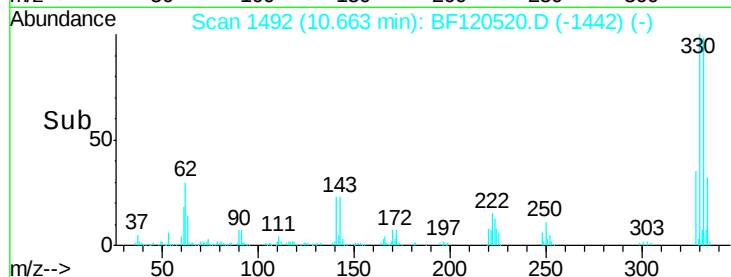
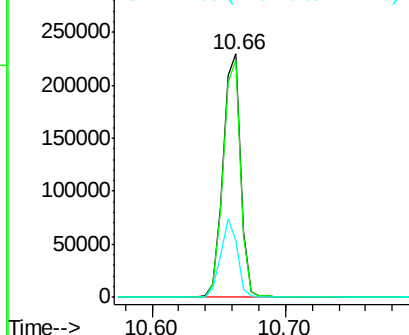


Abundance

Ion 329.80 (329.50 to 330.50): E

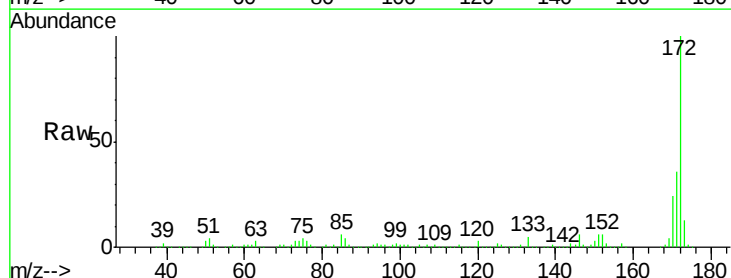
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 77.951 ng
 RT: 9.19 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF120520.D
 Acq: 3 Jun 2020 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1075676		
171	36.1		29.2	43.8
170	23.9		20.1	30.1

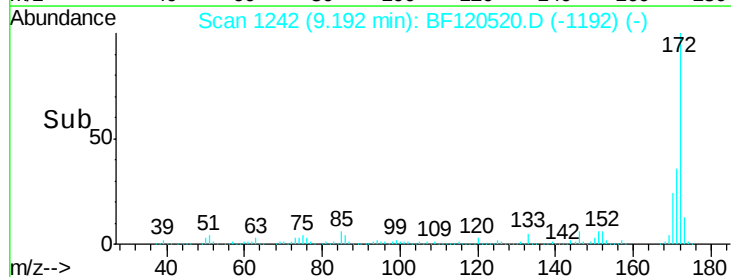
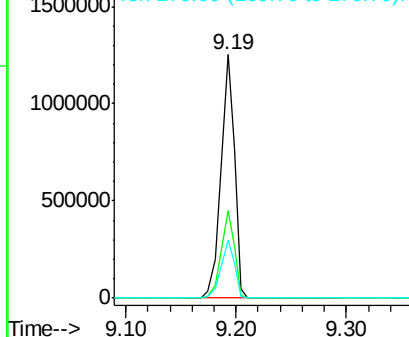


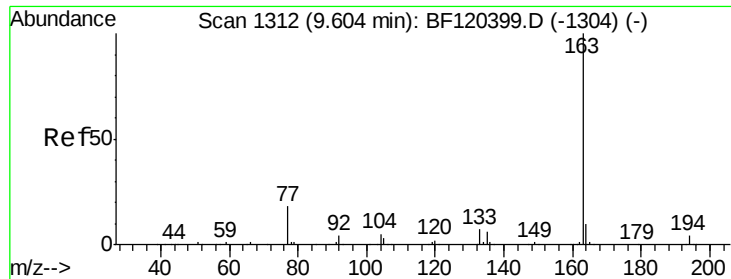
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





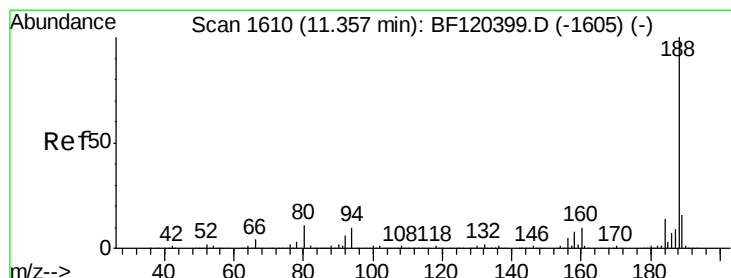
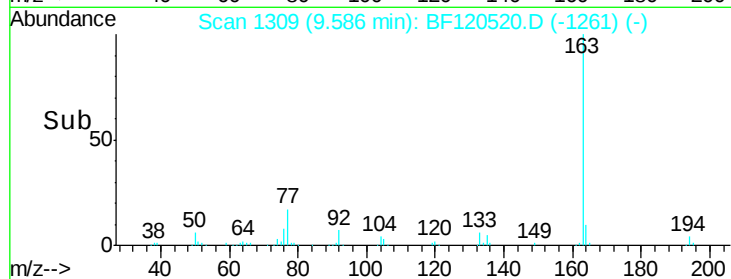
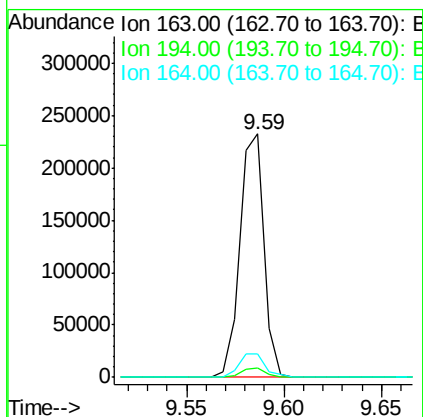
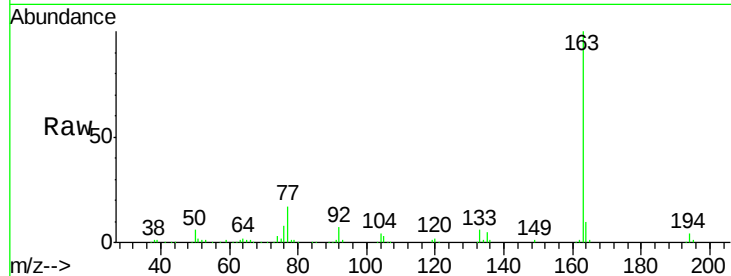
#50
Dimethylphthalate
Concen: 13.538 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF120520.D
Acq: 3 Jun 2020 20:10

Instrument :
BNA_F
ClientSampleId :
NMDUP05-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	198157		
194	4.0		3.1	4.7
164	9.8		8.2	12.4

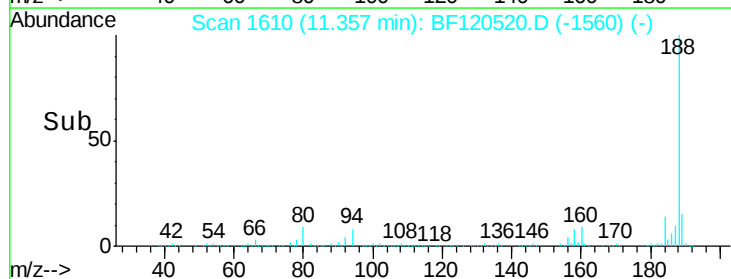
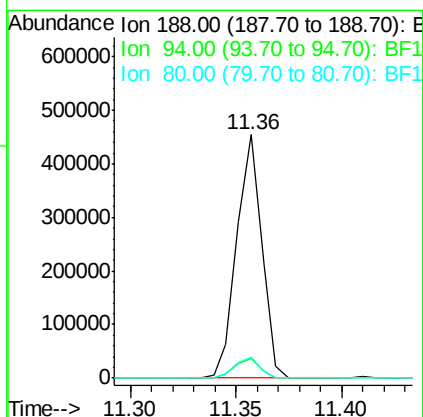
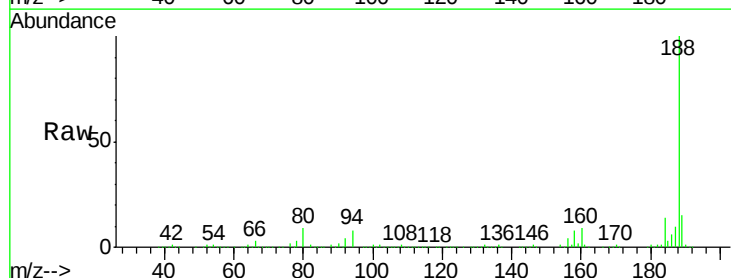
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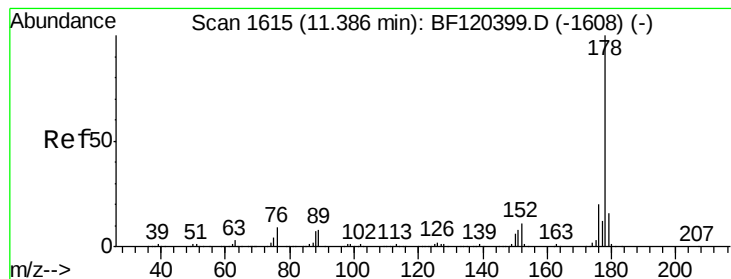
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF120520.D
Acq: 3 Jun 2020 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	372736		
94	7.9		7.5	11.3
80	8.6		7.9	11.9





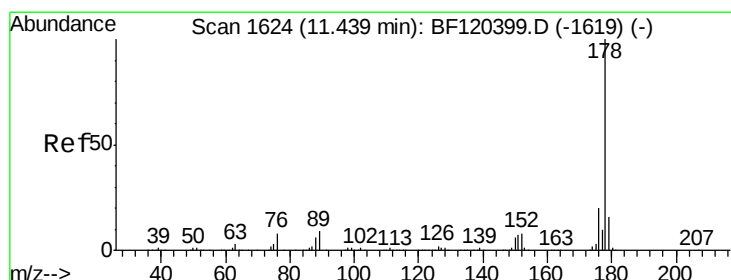
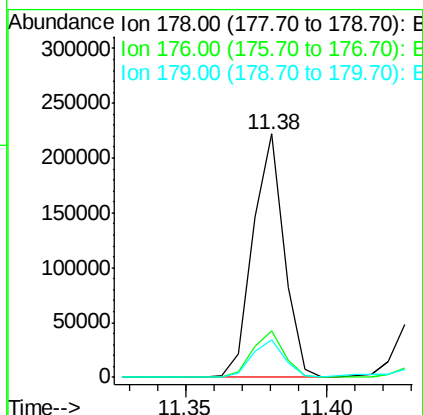
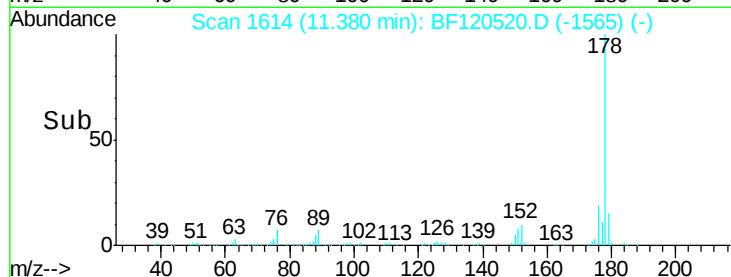
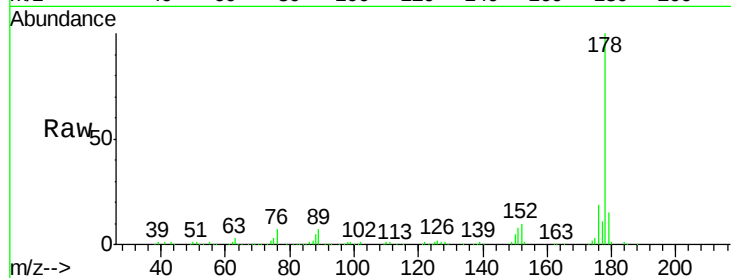
#71
Phenanthrene
Concen: 10.382 ng
RT: 11.38 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF120520.D
Acq: 3 Jun 2020 20:10

Instrument :
BNA_F
ClientSampleId :
NMDUP05-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.6	24.8
179	15.2	13.0	19.4

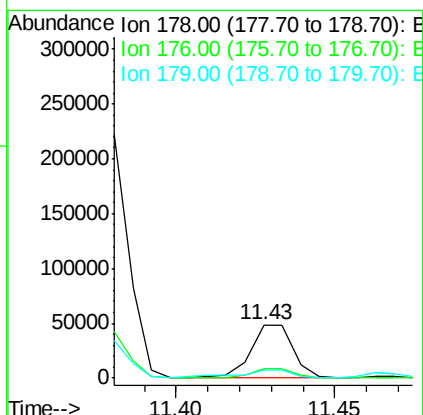
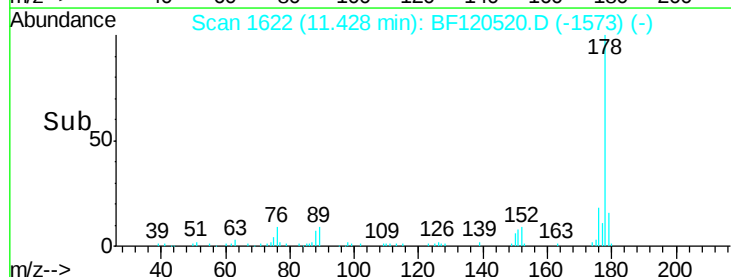
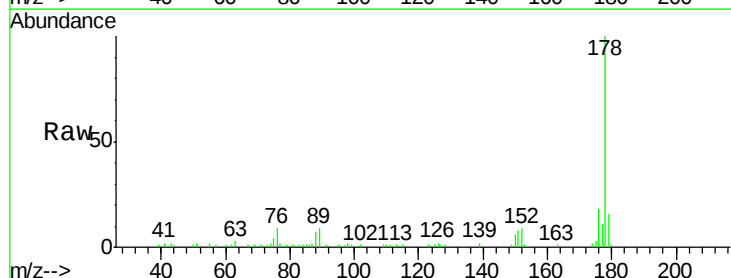
Manual Integrations
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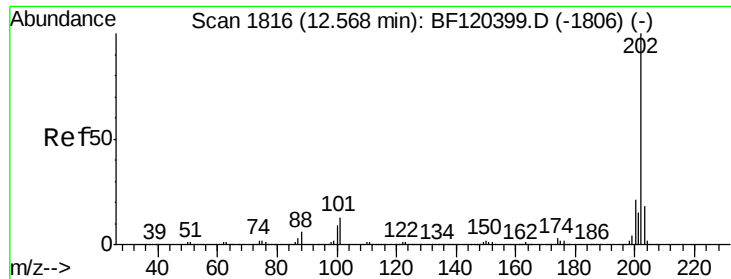
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#72
Anthracene
Concen: 2.670 ng
RT: 11.43 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BF120520.D
Acq: 3 Jun 2020 20:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.7	23.5
179	16.3	13.1	19.7





#75

Fluoranthene

Concen: 17.606 ng

RT: 12.57 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF120520.D

Acq: 3 Jun 2020 20:10

Instrument :

BNA_F

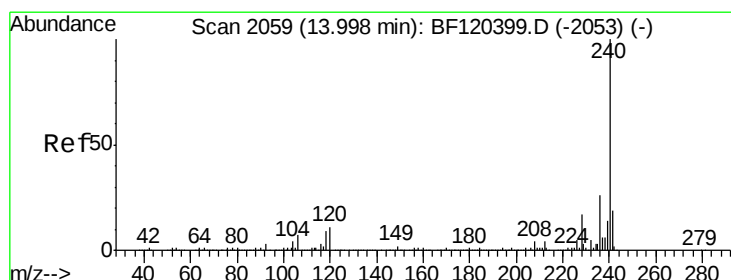
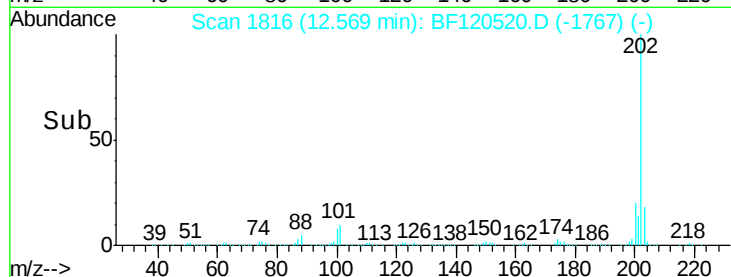
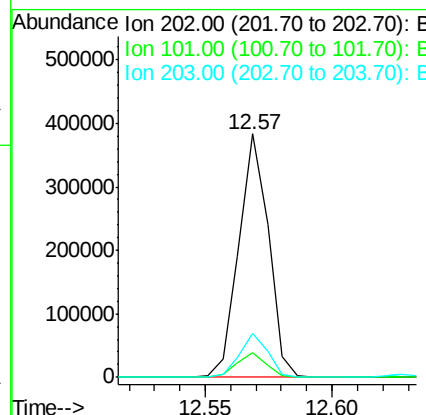
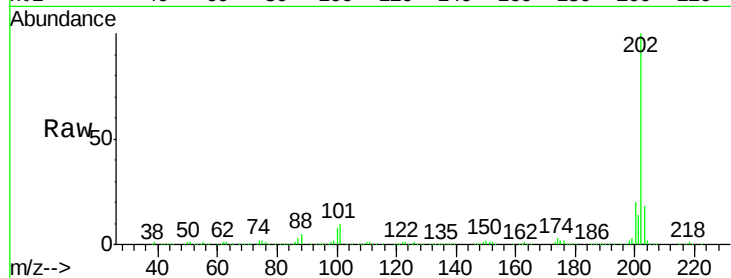
ClientSampleId :

NMDUP05-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
202	100	311137		
101	10.2	0.0	30.4	
203	17.8	0.0	38.2	

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

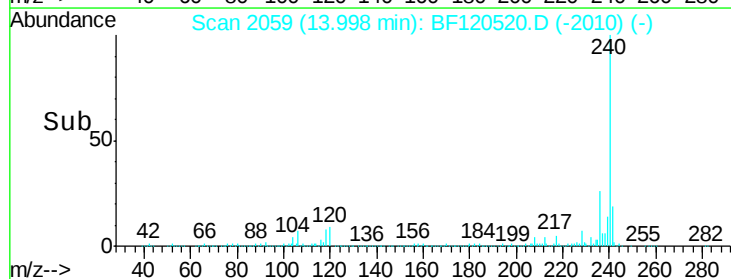
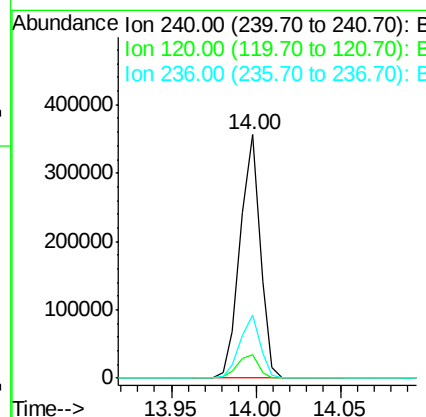
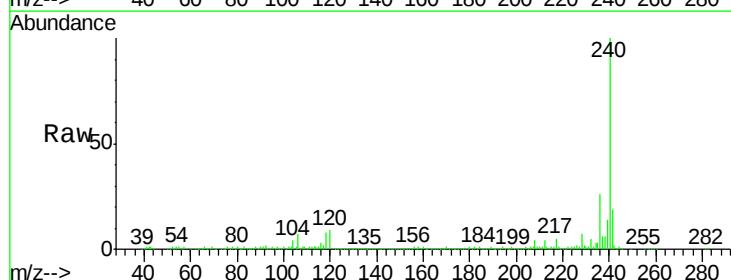
RT: 14.00 min Scan# 2059

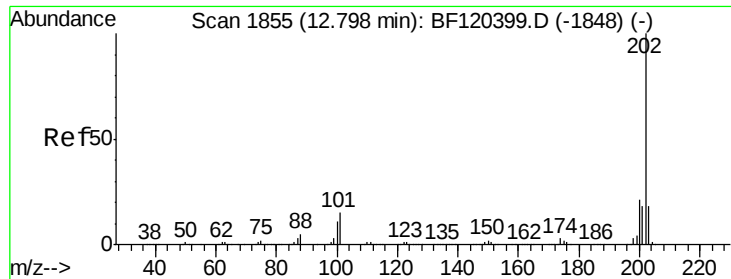
Delta R.T. -0.01 min

Lab File: BF120520.D

Acq: 3 Jun 2020 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	295230		
120	9.4	7.9	11.9	
236	25.9	21.1	31.7	





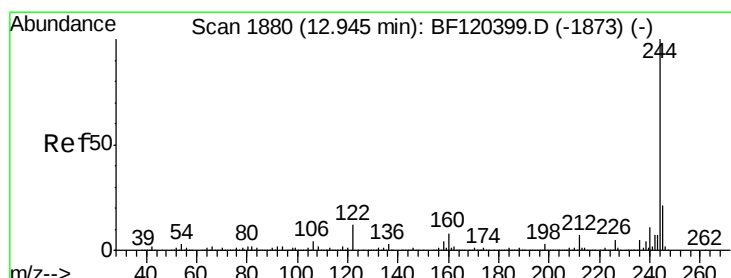
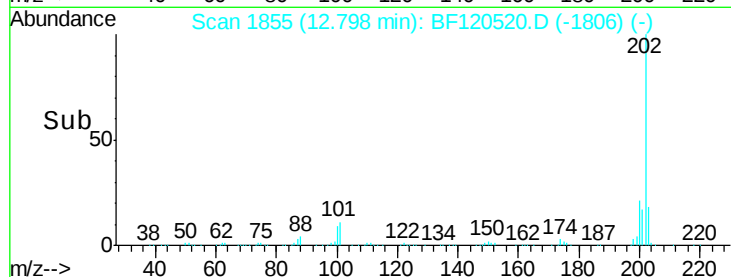
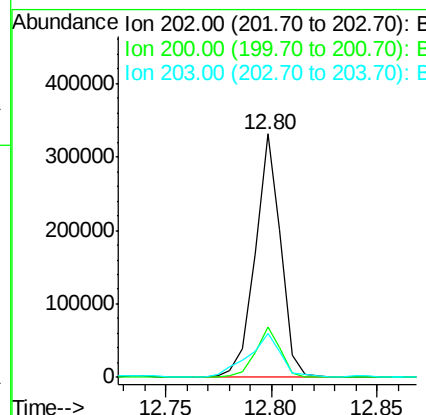
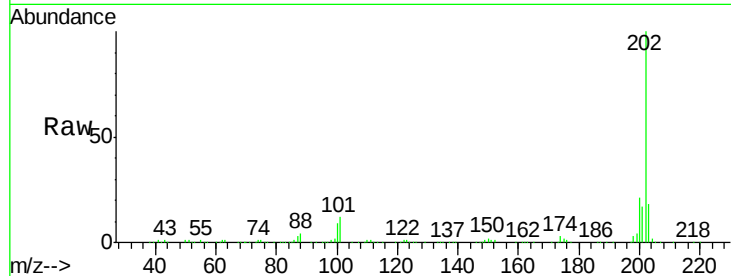
#78
Pvrene
Concen: 13.561 ng
RT: 12.80 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF120520.D
Acq: 3 Jun 2020 20:10

Instrument :
BNA_F
ClientSampleId :
NMDUP05-2020-0-6

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.9	17.3	25.9
203	17.9	14.5	21.7

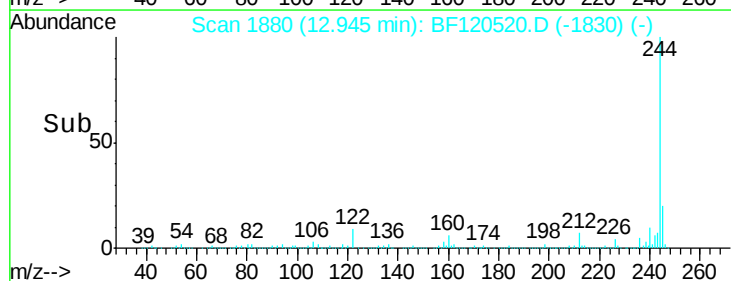
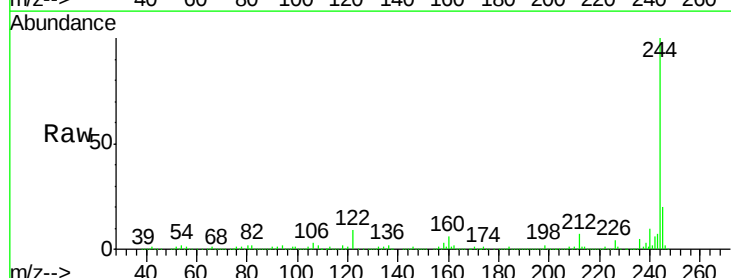
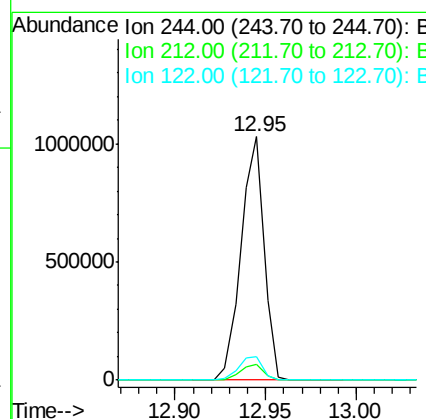
Manual Integrations
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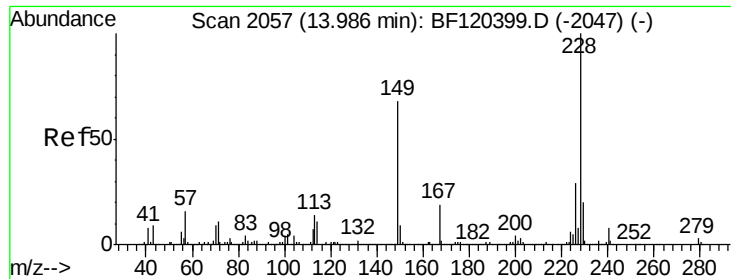
mohammad
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#79
Terphenyl-d14
Concen: 68.503 ng
RT: 12.95 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BF120520.D
Acq: 3 Jun 2020 20:10

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	5.8	8.8
122	9.5	8.2	12.4





#81

Benzo(a)anthracene

Concen: 10.526 ng

RT: 13.99 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BF120520.D

Acq: 3 Jun 2020 20:10

Instrument :

BNA_F

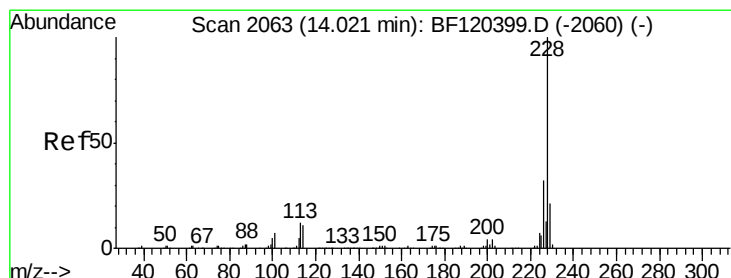
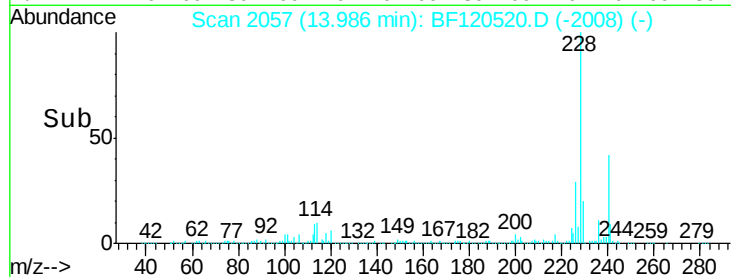
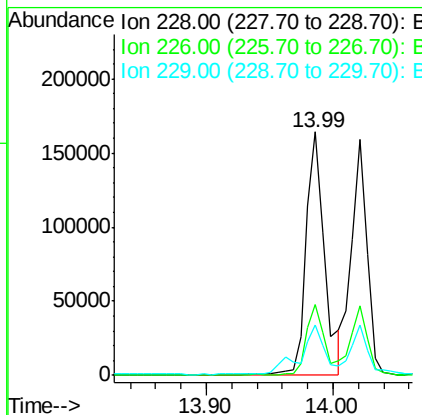
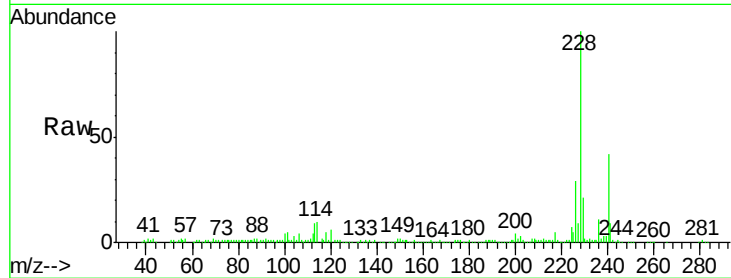
ClientSampleId :

NMDUP05-2020-0-6

Tot Ion:	228	Resp:	166544
Ion Ratio	Lower	Upper	
228	100		
226	29.2	22.7	34.1
229	20.7	16.3	24.5

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#83

Chrysene

Concen: 8.269 ng

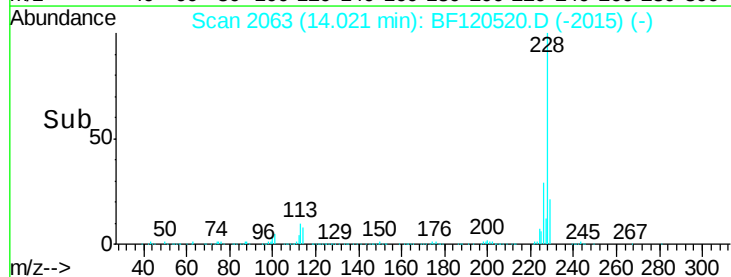
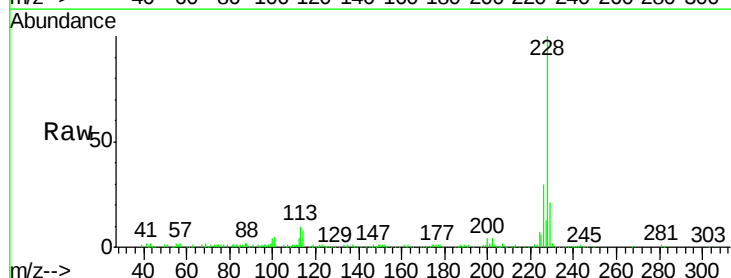
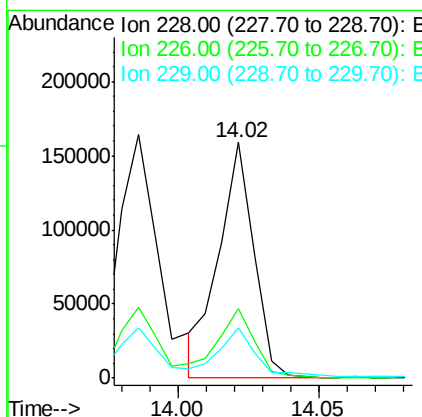
RT: 14.02 min Scan# 2063

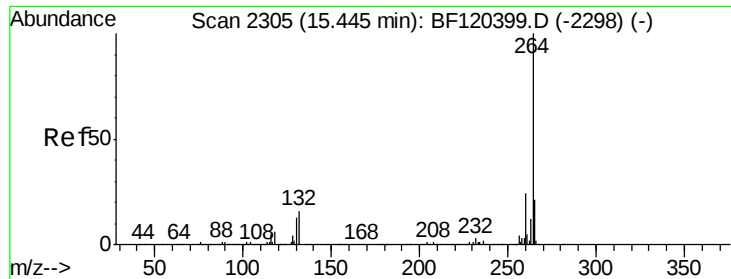
Delta R.T. -0.02 min

Lab File: BF120520.D

Acq: 3 Jun 2020 20:10

Tgt Ion:	228	Resp:	137173
Ion Ratio	Lower	Upper	
228	100		
226	29.6	25.2	37.8
229	21.4	16.1	24.1





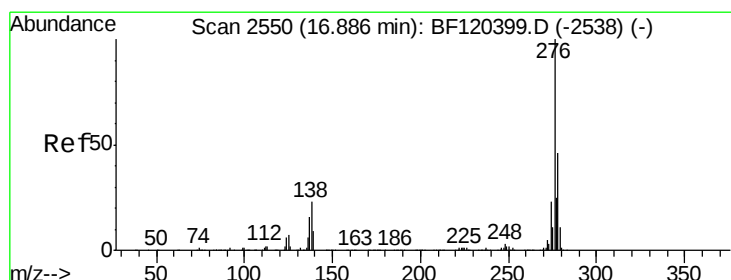
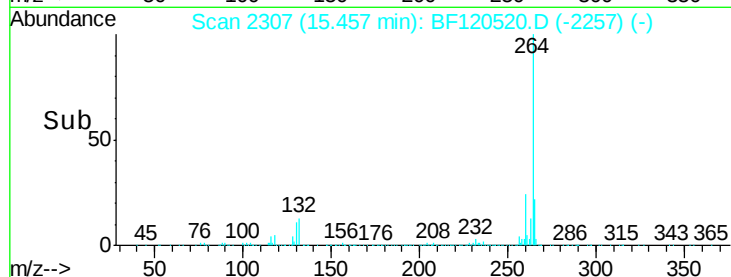
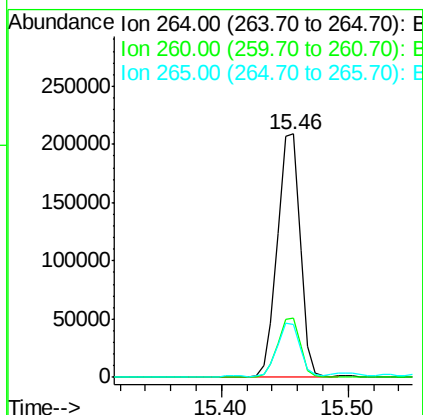
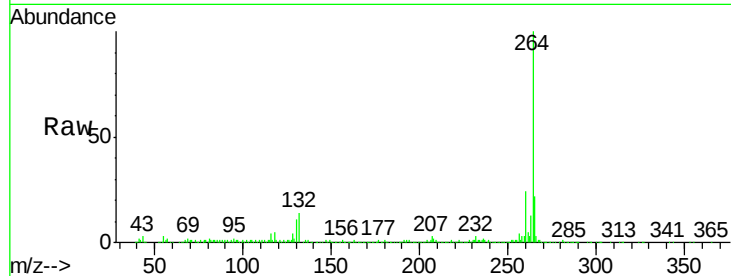
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BF120520.D
Acq: 3 Jun 2020 20:10

Instrument :
BNA_F
ClientSampleId :
NMDUP05-2020-0-6

Tot Ion:	264	Resp:	262517
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.8	29.8
265	21.8	17.5	26.3

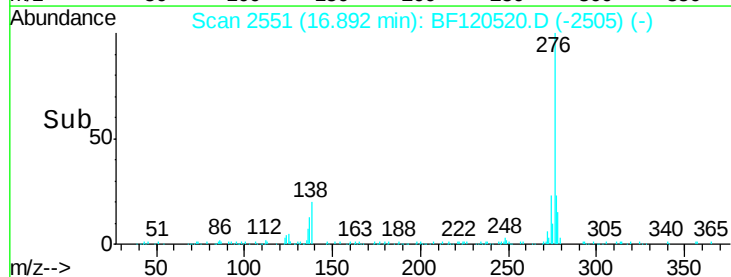
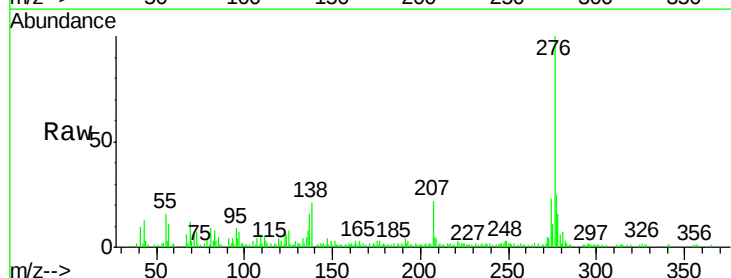
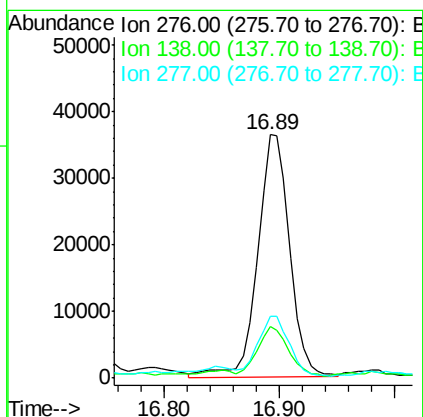
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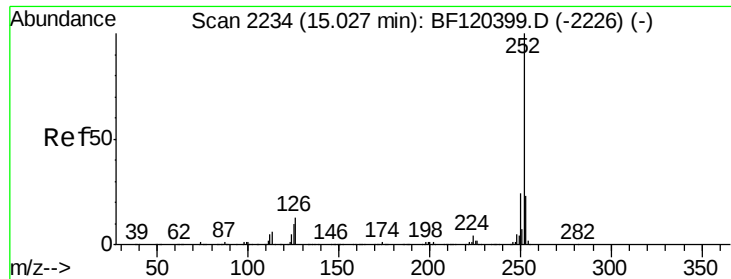
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#87
Indeno(1,2,3-cd)pyrene
Concen: 4.886 ng
RT: 16.89 min Scan# 2551
Delta R.T. -0.03 min
Lab File: BF120520.D
Acq: 3 Jun 2020 20:10

Tgt Ion:	276	Resp:	70161
Ion Ratio	Lower	Upper	
276	100		
138	19.7	19.2	28.8
277	24.1	20.4	30.6





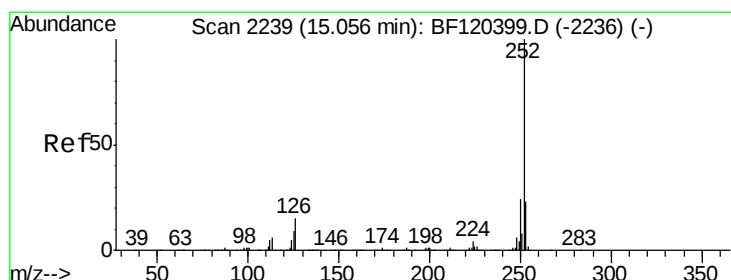
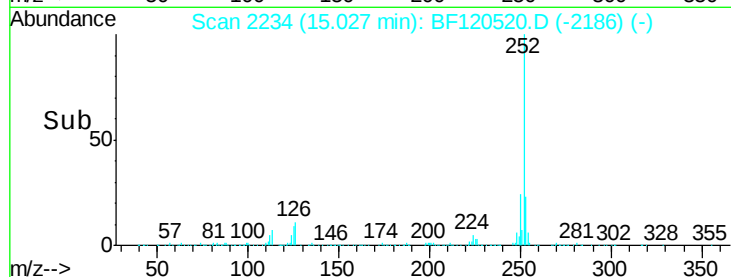
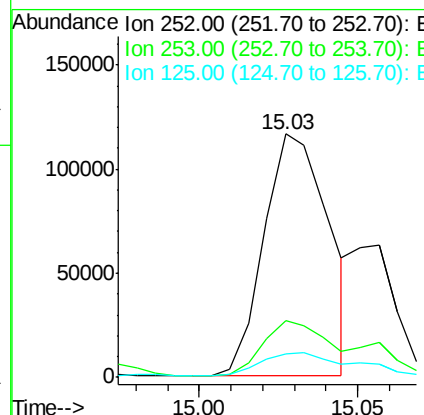
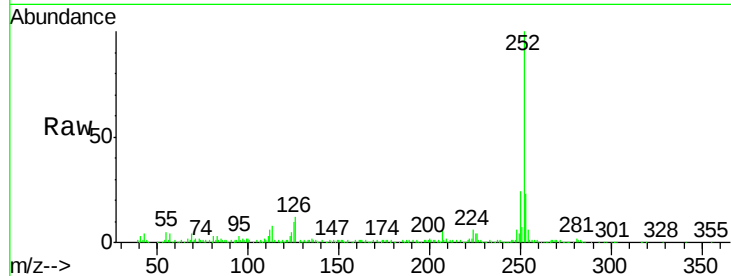
#88
Benzo(b)fluoranthene
Concen: 11.394 ng m
RT: 15.03 min Scan# 2234
Delta R.T. -0.02 min
Lab File: BF120520.D
Acq: 3 Jun 2020 20:10

Instrument :
BNA_F
ClientSampleId :
NMDUP05-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	9.7	7.6	11.4

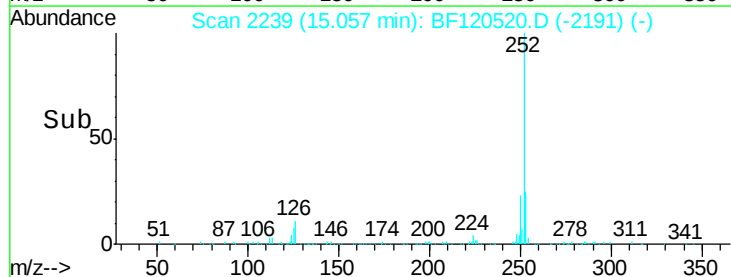
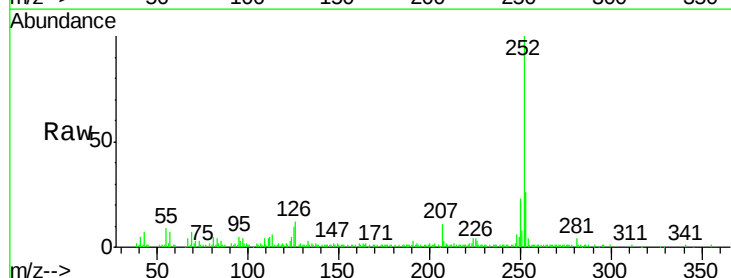
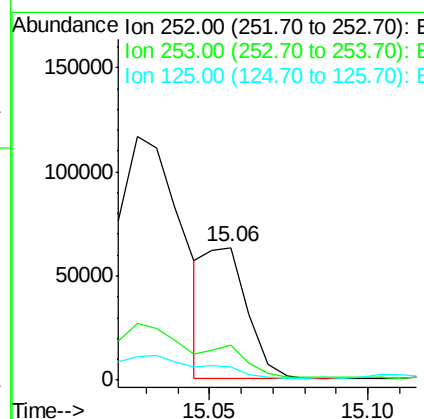
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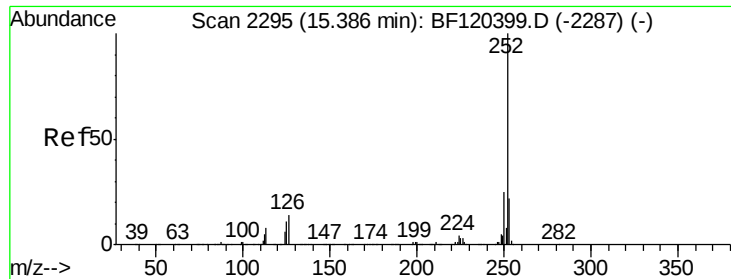
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#89
Benzo(k)fluoranthene
Concen: 4.245 ng m
RT: 15.06 min Scan# 2239
Delta R.T. -0.02 min
Lab File: BF120520.D
Acq: 3 Jun 2020 20:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.6	26.4
125	10.2	7.5	11.3





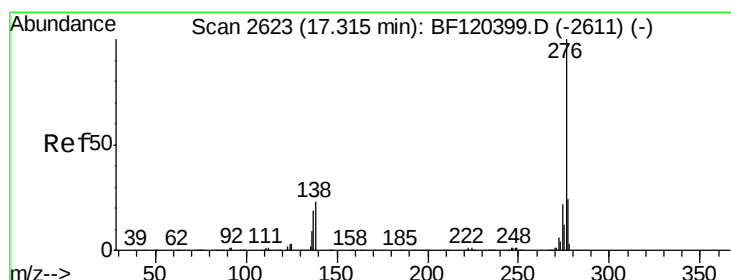
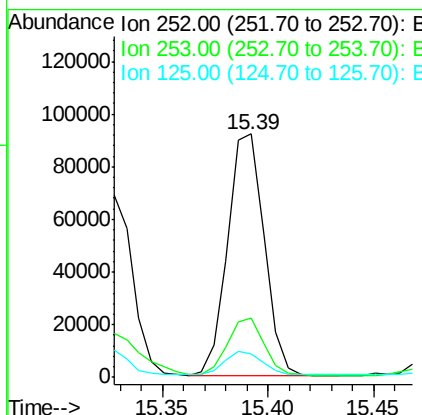
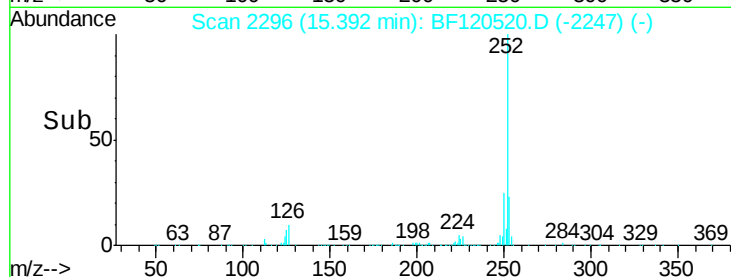
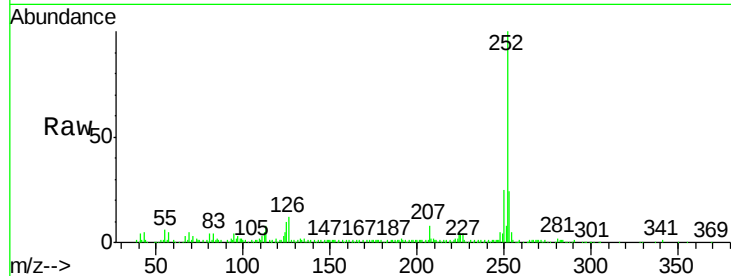
#90
Benzo(a)pyrene
Concen: 8.684 ng
RT: 15.39 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF120520.D
Acq: 3 Jun 2020 20:10

Instrument :
BNA_F
ClientSampleId :
NMDUP05-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	9.8	9.2	13.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 5.615 ng
RT: 17.33 min Scan# 2626
Delta R.T. -0.03 min
Lab File: BF120520.D
Acq: 3 Jun 2020 20:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.4	29.2
138	20.2	16.6	25.0

