

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
 Data File : BF120527.D
 Acq On : 3 Jun 2020 23:22
 Operator : JU/CG
 Sample : L2839-07 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM7-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 04 02:24:13 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	134042	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	499982	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	293221	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	486890	20.00	ng	0.00
76) Chrysene-d12	14.00	240	394206	20.00	ng	-0.01
86) Perylene-d12	15.46	264	325586	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	447106	63.57	ng	0.00
7) Phenol-d6	6.47	99	457491	52.77	ng	0.00
23) Nitrobenzene-d5	7.39	82	265399	34.72	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	138444	50.96	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	703328	40.70	ng	0.00
79) Terphenyl-d14	12.94	244	478331	27.00	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.59	163	106134	5.790	ng	98
71) Phenanthrene	11.38	178	117474	5.476	ng	97
75) Fluoranthene	12.57	202	250864	10.867	ng	98
78) Pyrene	12.80	202	232660	8.487	ng	98
81) Benzo(a)anthracene	13.99	228	139986	6.626	ng	98
83) Chrysene	14.02	228	115776	5.227	ng	97
87) Indeno(1,2,3-cd)pyrene	16.90	276	60007	3.370	ng	99
88) Benzo(b)fluoranthene	15.03	252	147021m	8.130	ng	
89) Benzo(k)fluoranthene	15.06	252	37543m	2.224	ng	
90) Benzo(a)pyrene	15.39	252	96970	6.130	ng	96
92) Benzo(g,h,i)perylene	17.34	276	59632	4.164	ng	95

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

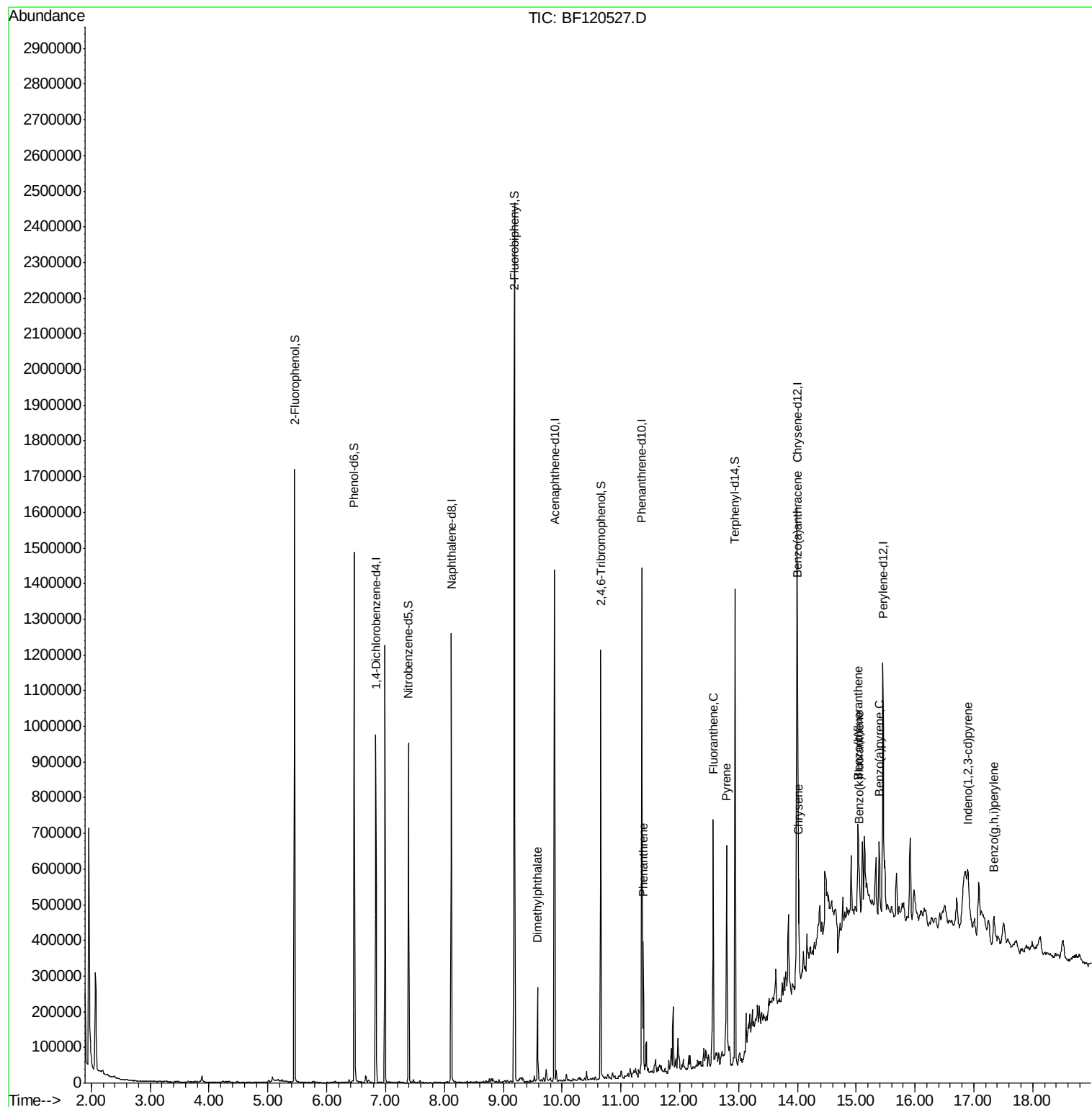
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
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ALS Vial : 24 Sample Multiplier: 1

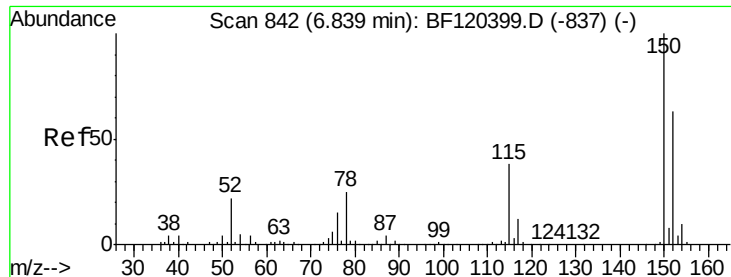
Instrument :
BNA_F
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Quant Time: Jun 04 02:24:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

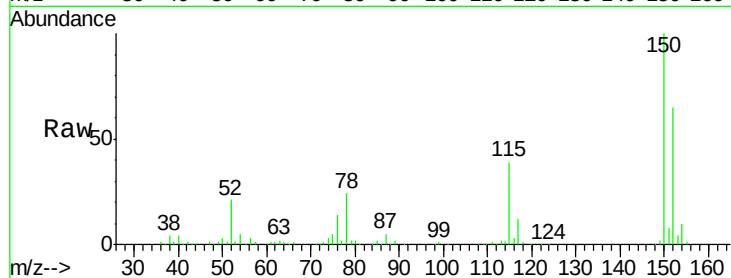
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF120527.D
Acq: 3 Jun 2020 23:22

Instrument :
BNA_F
ClientSampleId :
NM7-COMP-2020-0-6

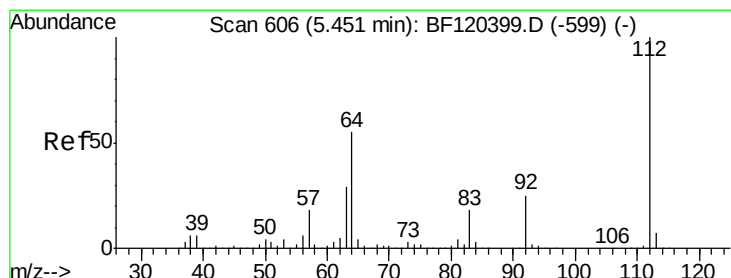
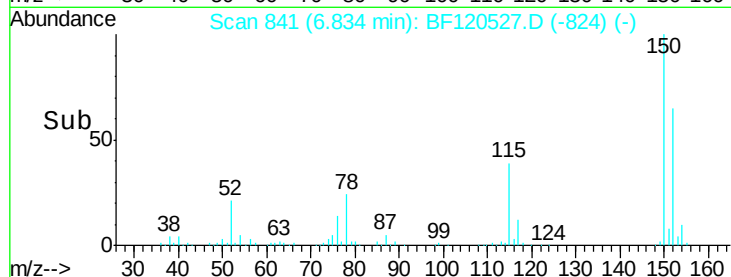
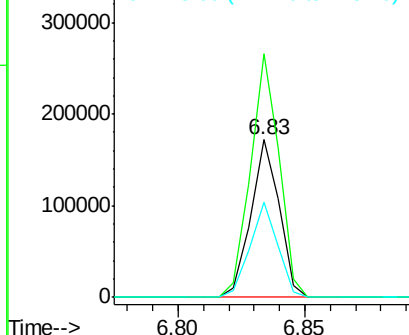
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	127.1	190.7
115	60.6	48.7	73.1

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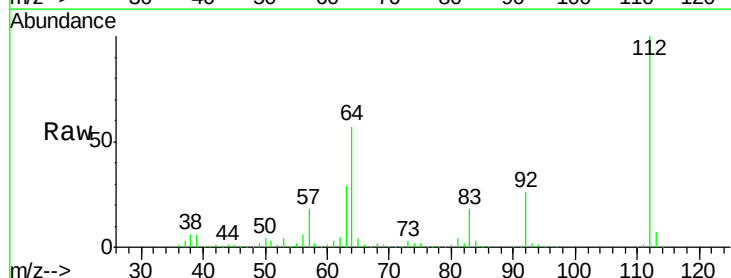
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



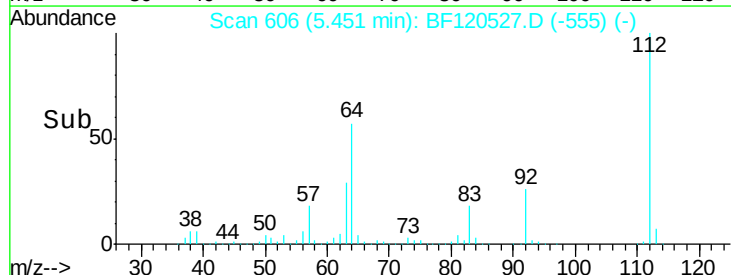
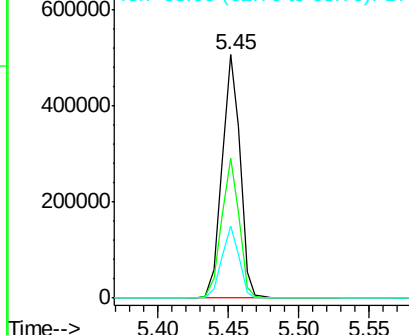
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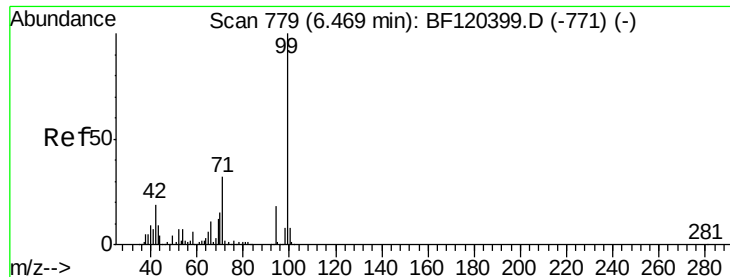
2-Fluorophenol
Concen: 63.567 ng
RT: 5.45 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF120527.D
Acq: 3 Jun 2020 23:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	45.8	68.8
63	29.4	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 52.771 ng

RT: 6.47 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF120527.D

Acq: 3 Jun 2020 23:22

Instrument :

BNA_F

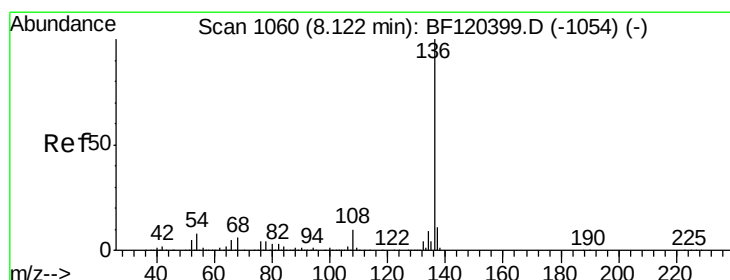
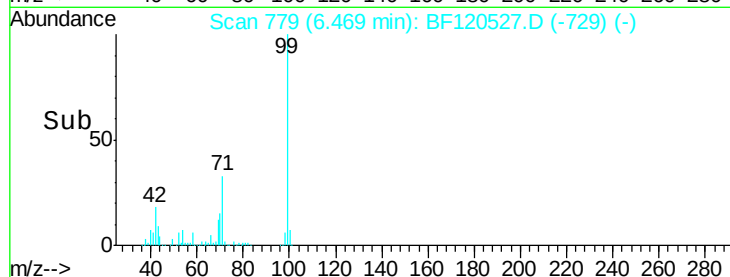
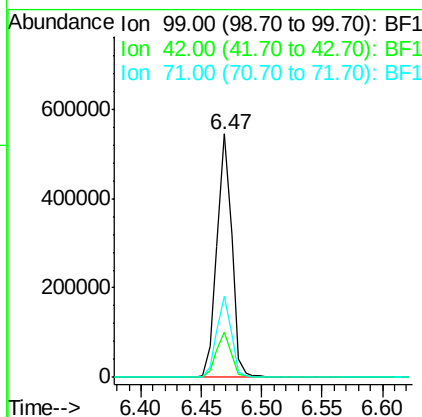
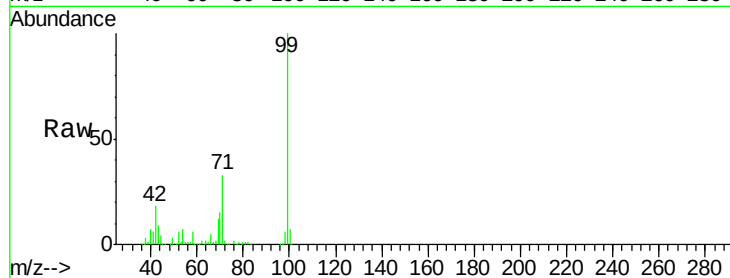
ClientSampleId :

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Tot Ion:	99	Resp:	457491
Ion Ratio	Lower	Upper	
99	100		
42	18.3	15.0	22.4
71	33.2	26.3	39.5

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#21

Naphthalene-d8

Concen: 20.000 ng

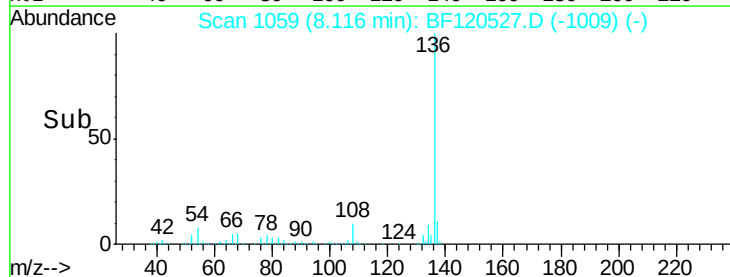
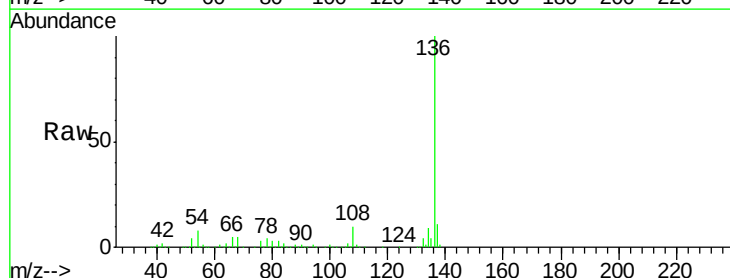
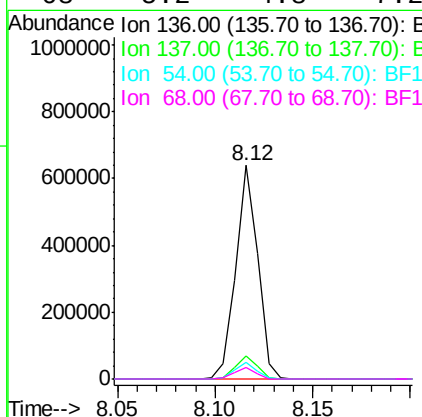
RT: 8.12 min Scan# 1059

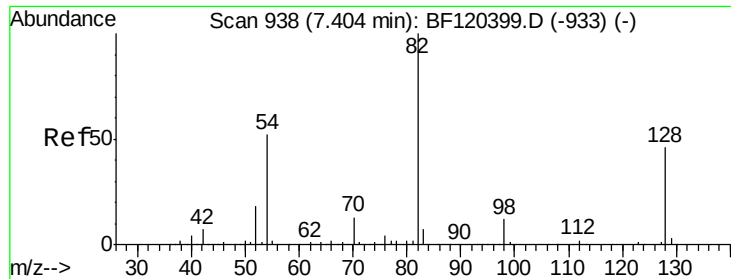
Delta R.T. -0.01 min

Lab File: BF120527.D

Acq: 3 Jun 2020 23:22

Tgt Ion:	136	Resp:	499982
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.0	13.4
54	7.6	6.0	9.0
68	5.2	4.8	7.2





#23

Nitrobenzene-d5

Concen: 34.722 ng

RT: 7.39 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF120527.D

Acq: 3 Jun 2020 23:22

Instrument :

BNA_F

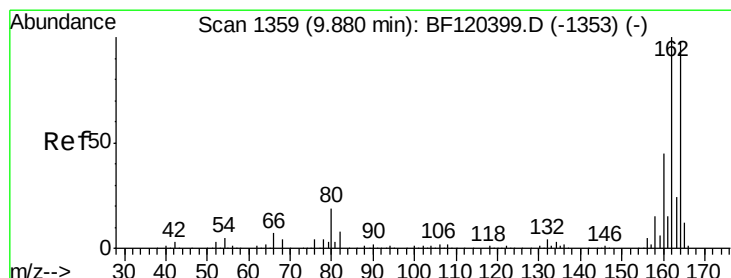
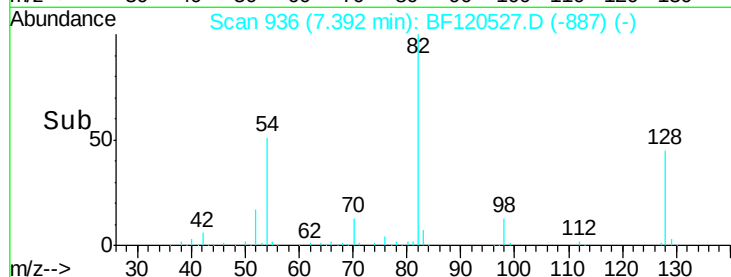
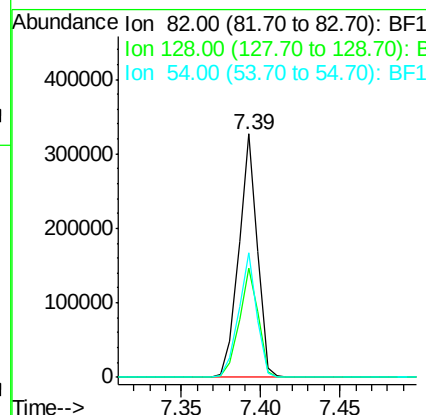
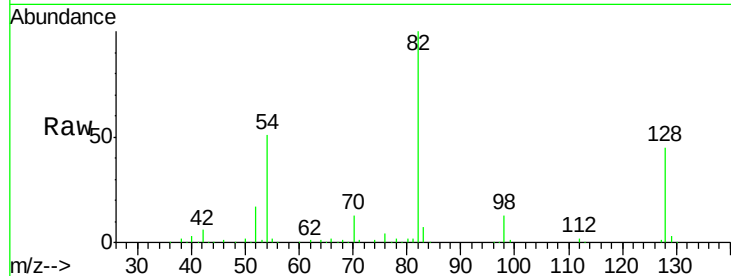
ClientSampleId :

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Tot Ion:	82	Resp:	265399
Ion Ratio	Lower	Upper	
82	100		
128	44.8	37.4	56.0
54	50.9	40.7	61.1

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#39

Acenaphthene-d10

Concen: 20.000 ng

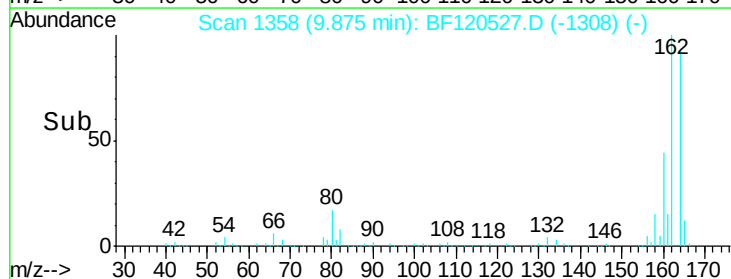
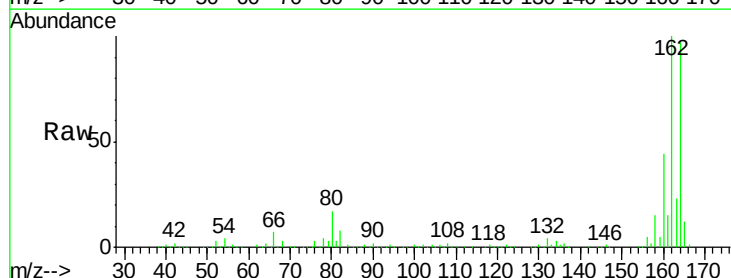
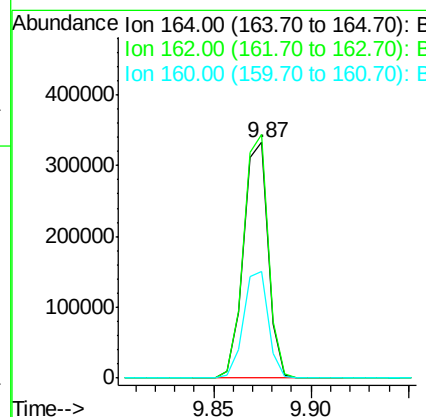
RT: 9.87 min Scan# 1358

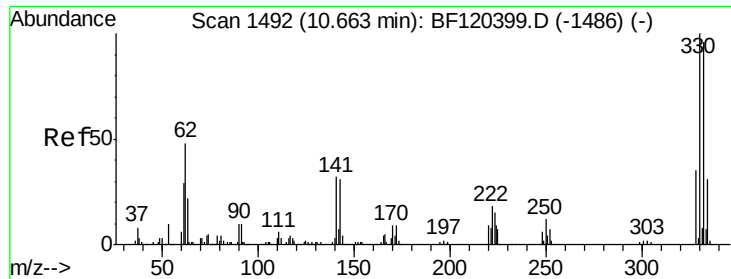
Delta R.T. -0.01 min

Lab File: BF120527.D

Acq: 3 Jun 2020 23:22

Tgt Ion:	164	Resp:	293221
Ion Ratio	Lower	Upper	
164	100		
162	103.3	81.8	122.6
160	45.5	37.3	55.9





#42

2,4,6-Tribromophenol

Concen: 50.958 ng

RT: 10.66 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BF120527.D

Acq: 3 Jun 2020 23:22

Instrument :

BNA_F

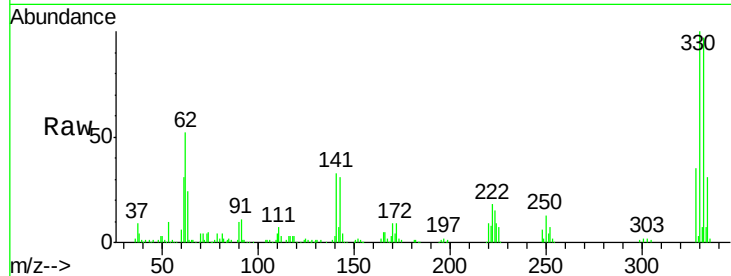
ClientSampleId :

NM7-COMP-2020-0-6

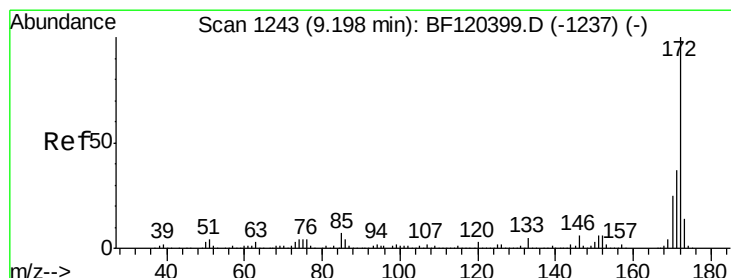
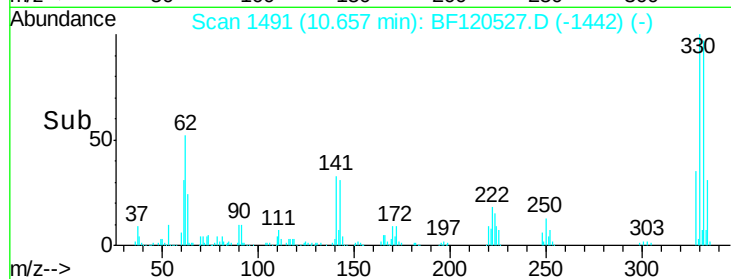
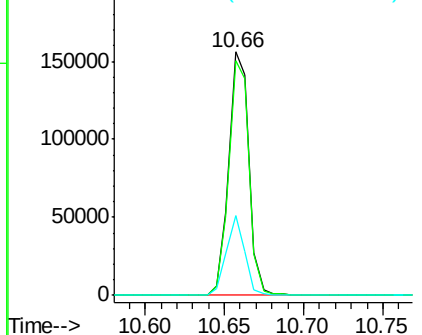
Tot Ion:	330	Resp:	138444
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.4	116.2
141	29.5	23.5	35.3

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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: 40.697 ng

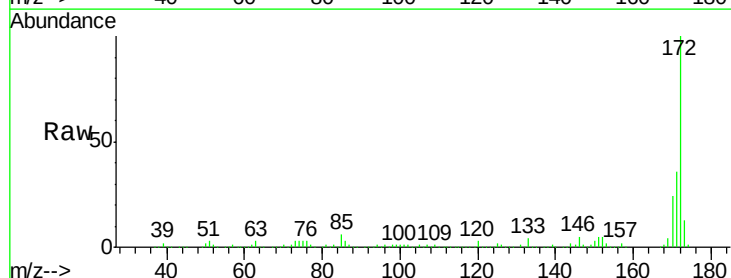
RT: 9.19 min Scan# 1242

Delta R.T. -0.01 min

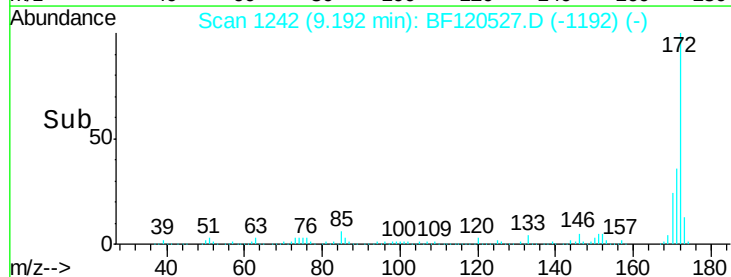
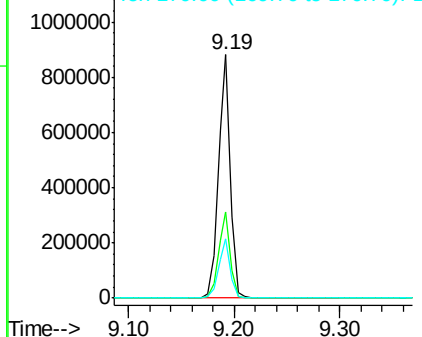
Lab File: BF120527.D

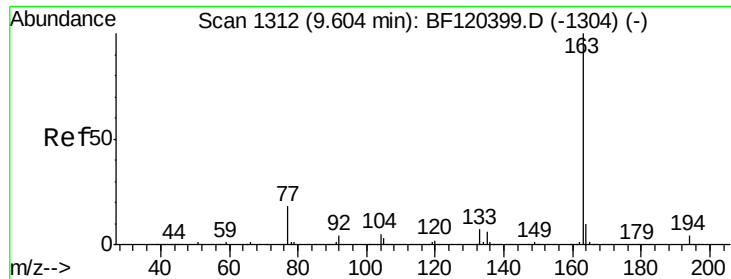
Acq: 3 Jun 2020 23:22

Tgt Ion:	172	Resp:	703328
Ion Ratio	Lower	Upper	
172	100		
171	35.6	29.2	43.8
170	24.2	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





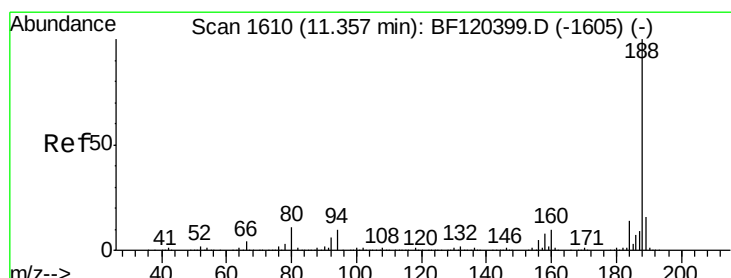
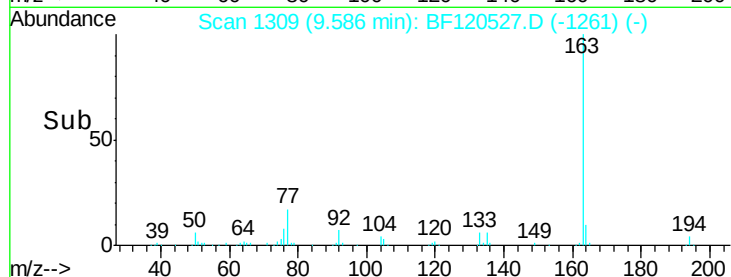
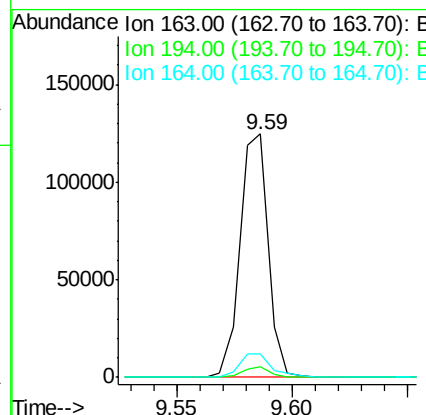
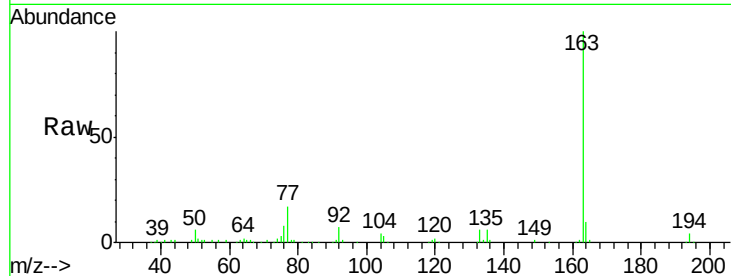
#50
Dimethylphthalate
Concen: 5.790 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF120527.D
Acq: 3 Jun 2020 23:22

Instrument :
BNA_F
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	4.4		3.1	4.7	
164	9.7		8.2	12.4	

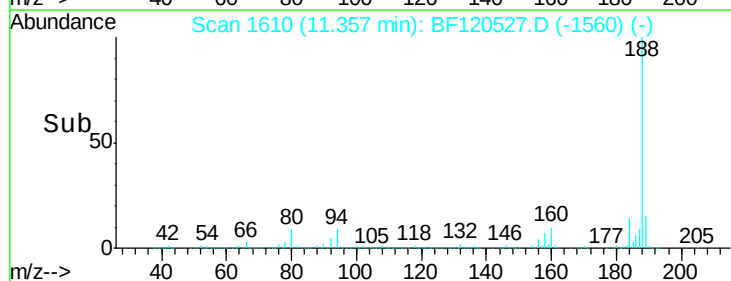
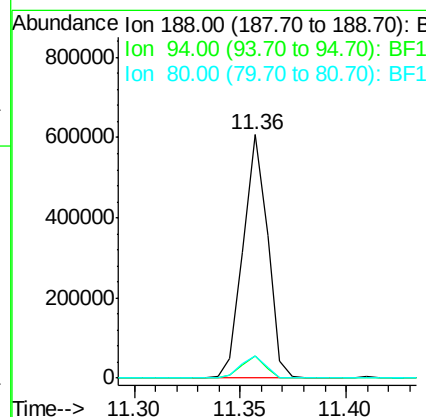
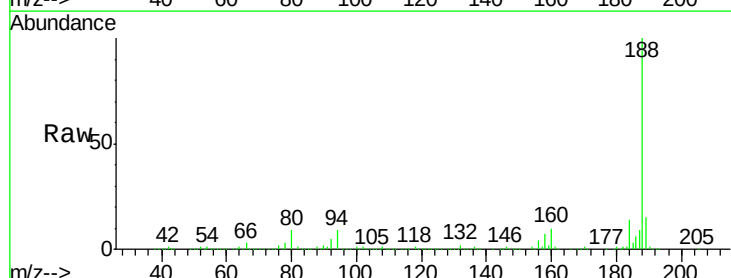
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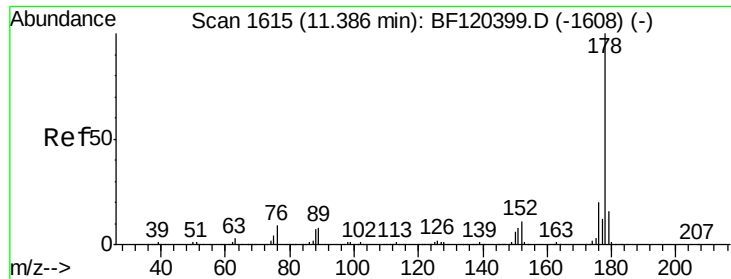
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF120527.D
Acq: 3 Jun 2020 23:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.0		7.5	11.3	
80	9.2		7.9	11.9	





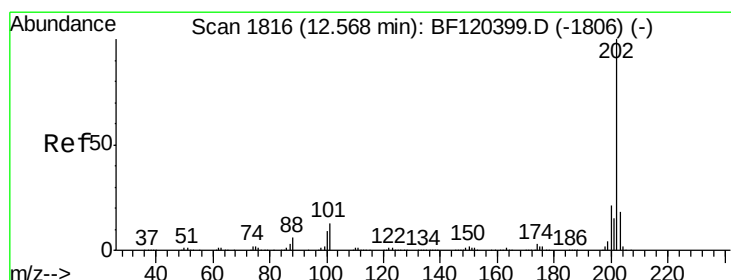
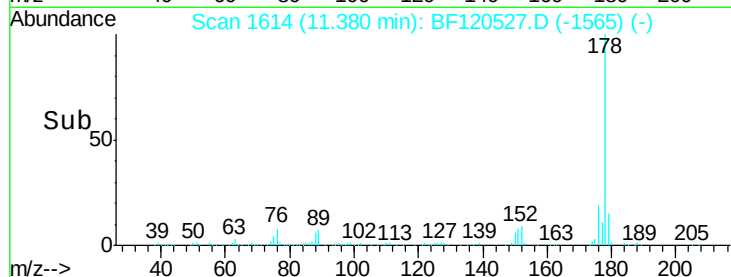
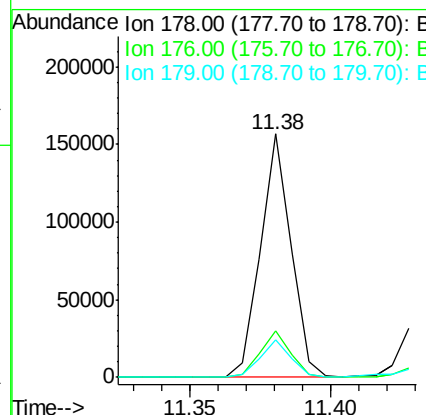
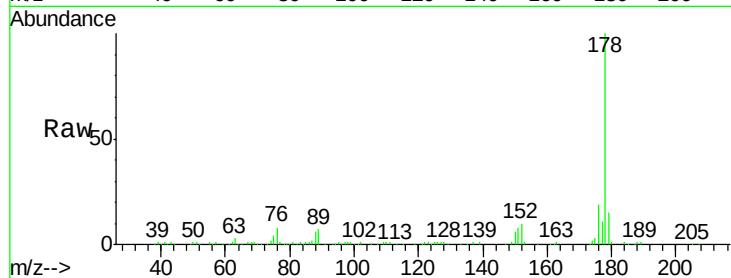
#71
Phenanthrene
Concen: 5.476 ng
RT: 11.38 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF120527.D
Acq: 3 Jun 2020 23:22

Instrument :
BNA_F
ClientSampleId :
NM7-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.6	24.8
179	15.5	13.0	19.4

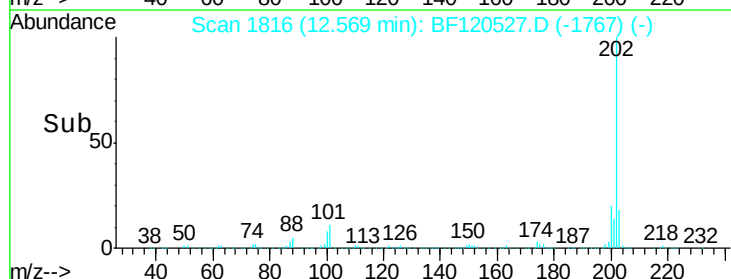
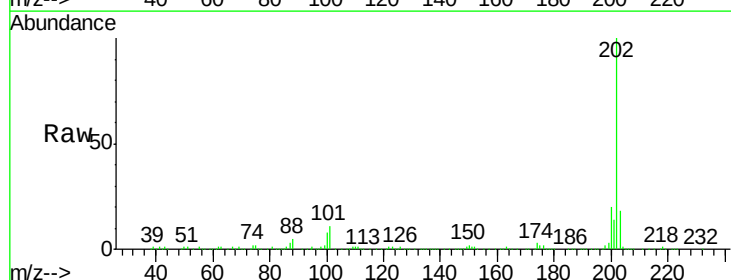
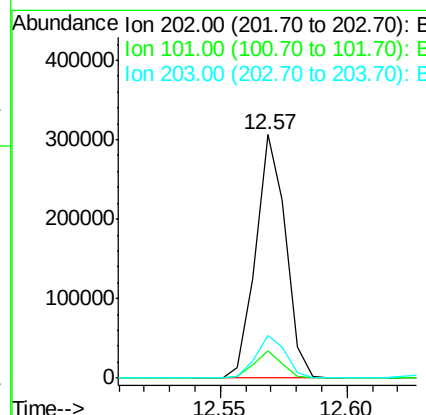
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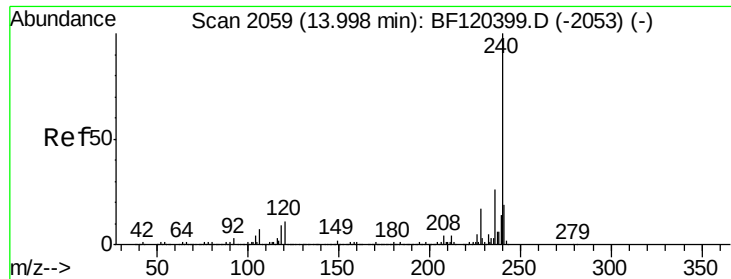
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#75
Fluoranthene
Concen: 10.867 ng
RT: 12.57 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF120527.D
Acq: 3 Jun 2020 23:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.4
203	17.7	0.0	38.2





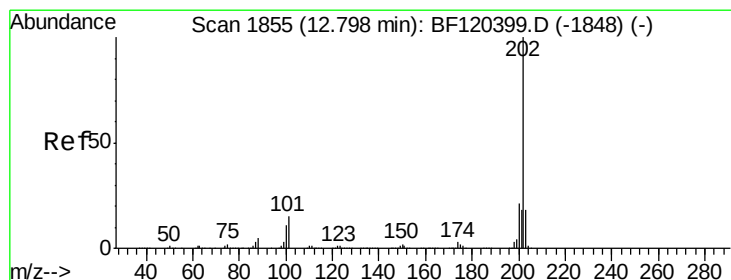
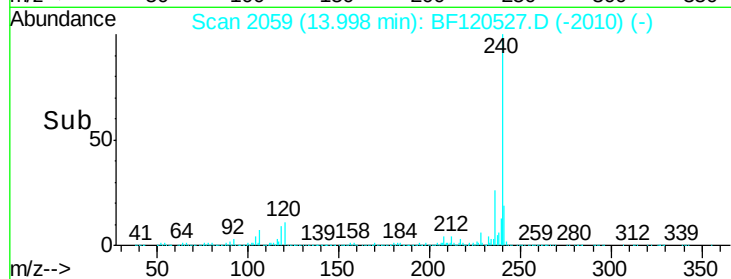
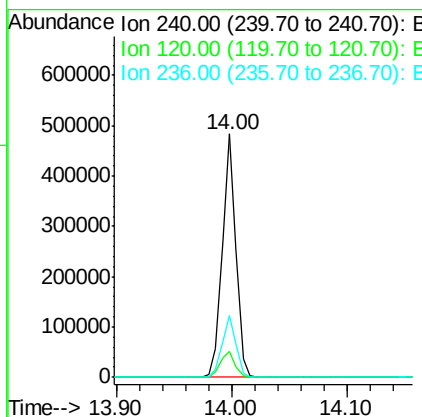
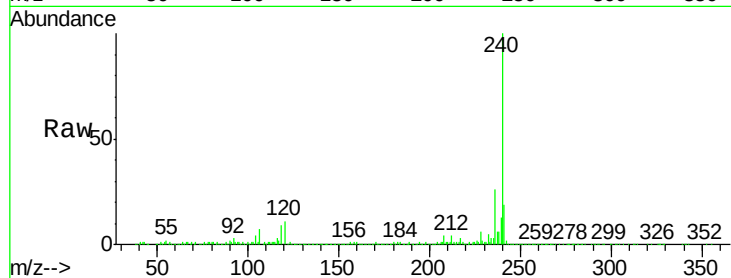
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BF120527.D
Acq: 3 Jun 2020 23:22

Instrument :
BNA_F
ClientSampleId :
NM7-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	7.9	11.9
236	25.6	21.1	31.7

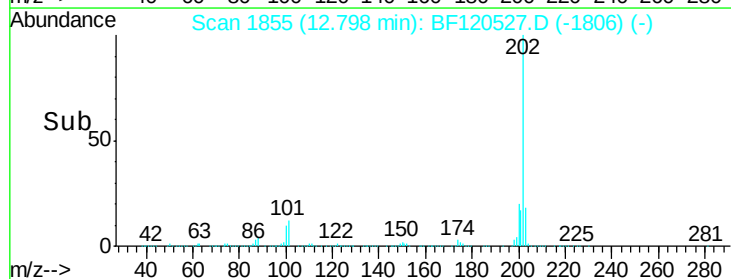
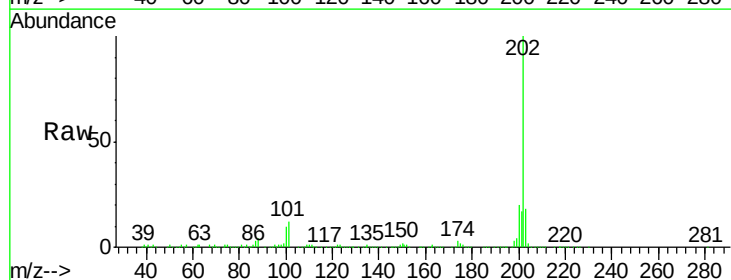
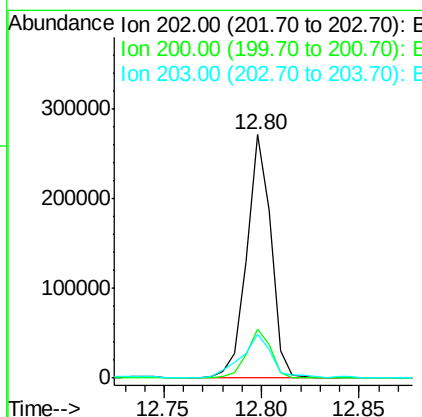
Manual Integrations
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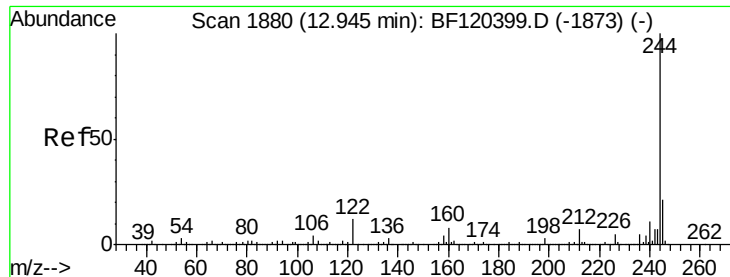
mohammad
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#78
Pyrene
Concen: 8.487 ng
RT: 12.80 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF120527.D
Acq: 3 Jun 2020 23:22

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.3	25.9
203	17.9	14.5	21.7





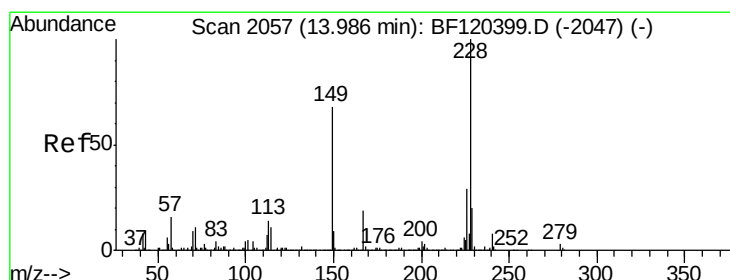
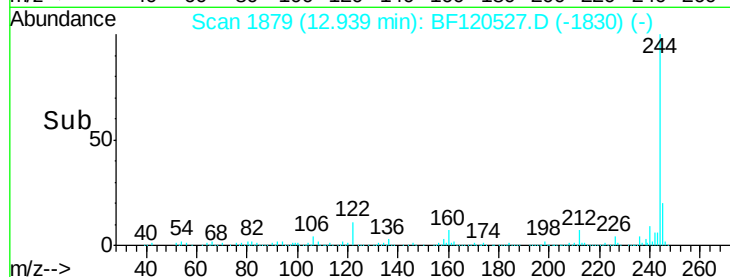
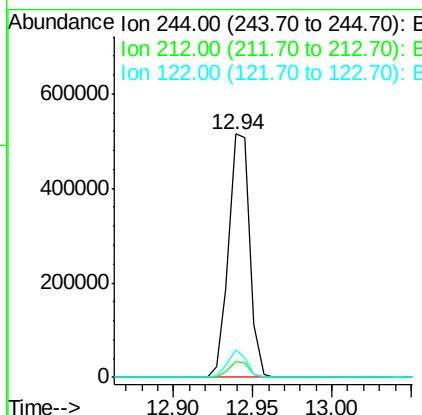
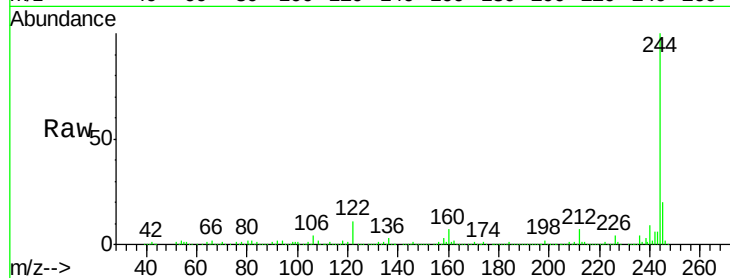
#79
 Terphenyl-d14
 Concen: 27.001 ng
 RT: 12.94 min Scan# 1879
 Delta R.T. -0.01 min
 Lab File: BF120527.D
 Acq: 3 Jun 2020 23:22

Instrument :
 BNA_F
 ClientSampleId :
 NM7-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	11.0	8.2	12.4

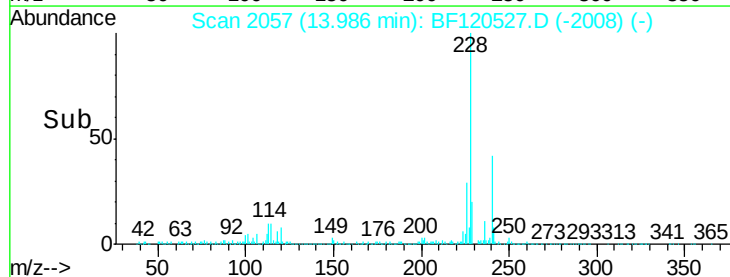
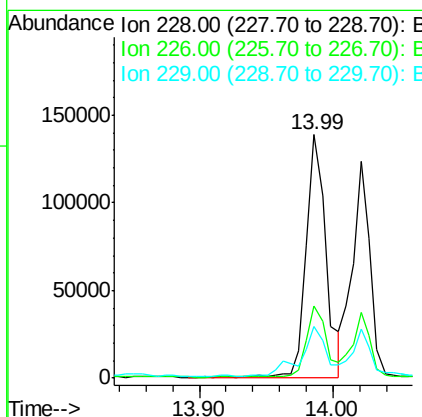
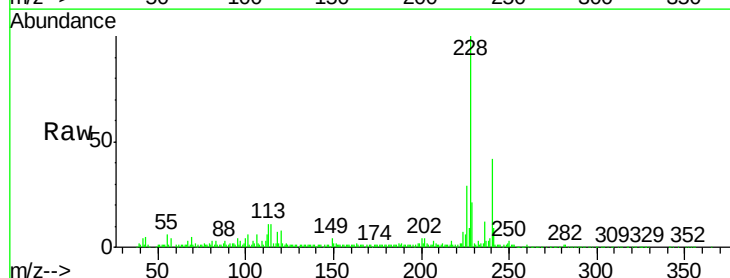
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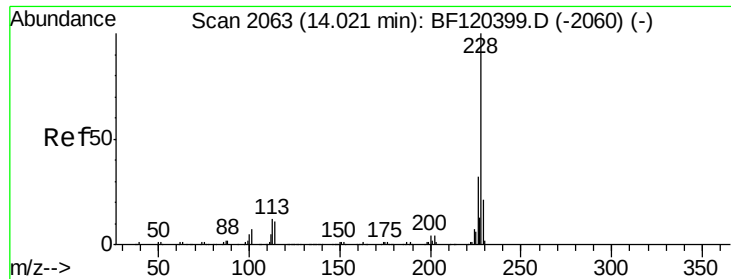
mohammad
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#81
 Benzo(a)anthracene
 Concen: 6.626 ng
 RT: 13.99 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BF120527.D
 Acq: 3 Jun 2020 23:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.7	34.1
229	21.0	16.3	24.5





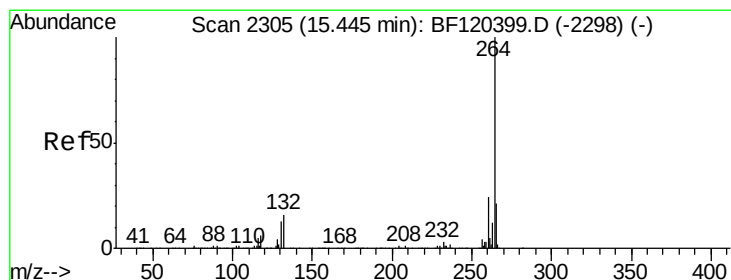
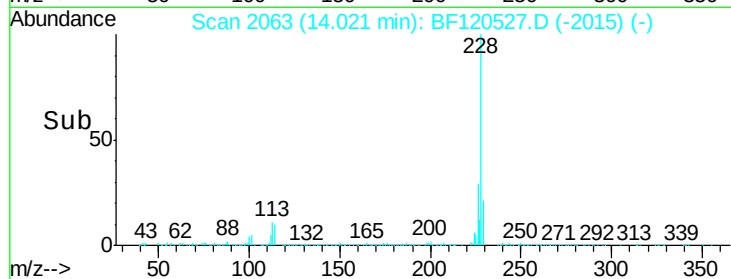
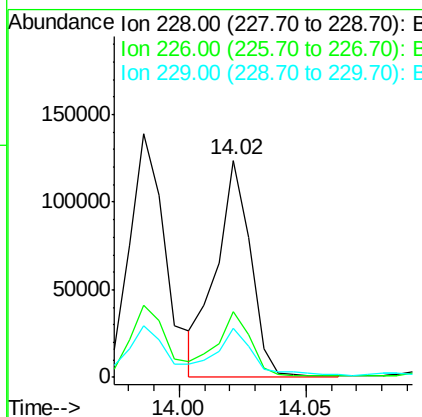
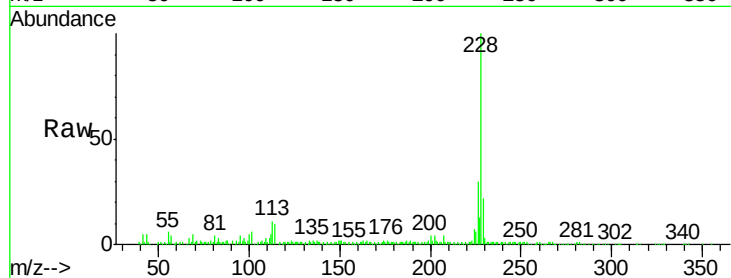
#83
Chrysene
Concen: 5.227 ng
RT: 14.02 min Scan# 2063
Delta R.T. -0.02 min
Lab File: BF120527.D
Acq: 3 Jun 2020 23:22

Instrument :
BNA_F
ClientSampleId :
NM7-COMP-2020-0-6

Tot Ion:	228	Resp:	115776
Ion Ratio	Lower	Upper	
228	100		
226	30.1	25.2	37.8
229	22.4	16.1	24.1

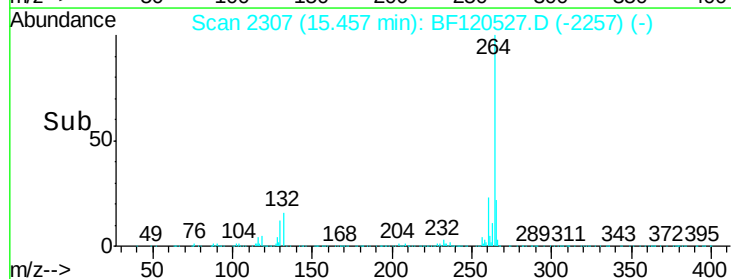
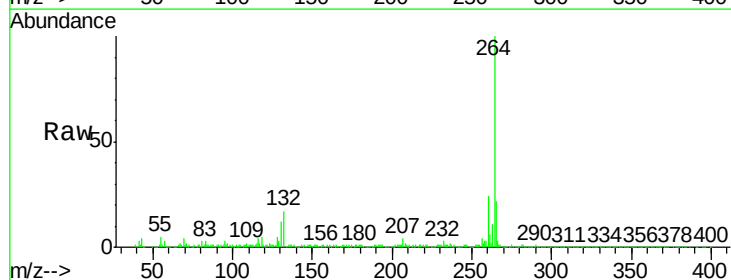
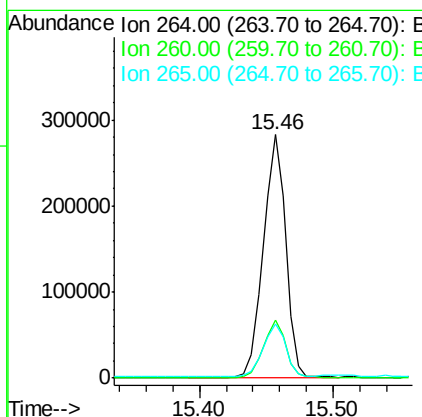
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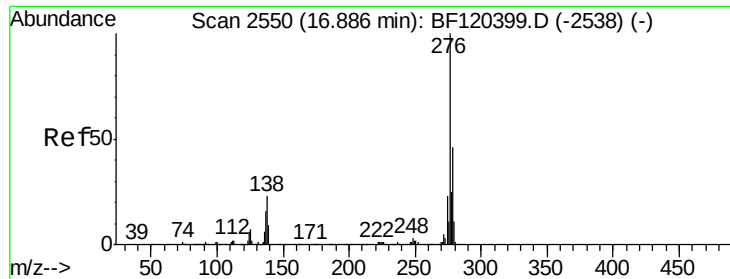
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BF120527.D
Acq: 3 Jun 2020 23:22

Tgt Ion:	264	Resp:	325586
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.8	29.8
265	22.3	17.5	26.3





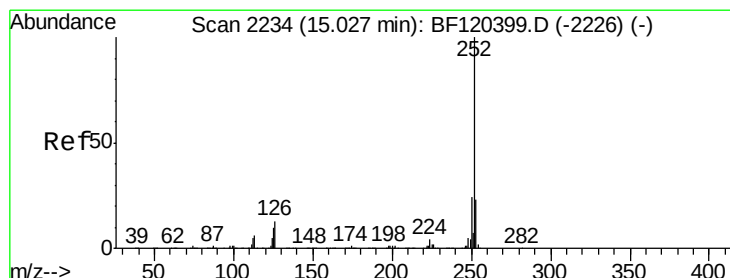
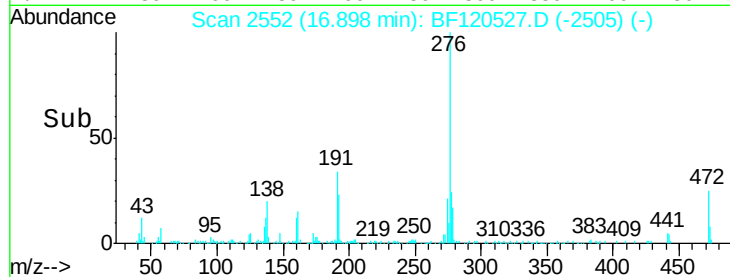
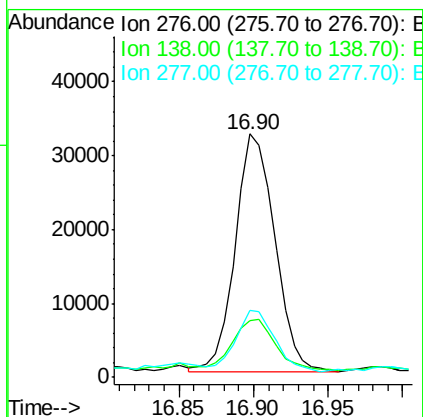
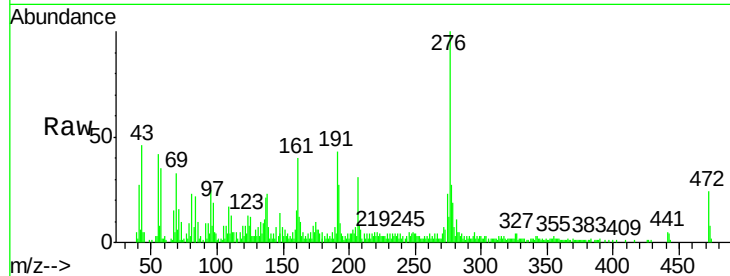
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.370 ng
 RT: 16.90 min Scan# 2552
 Delta R.T. -0.02 min
 Lab File: BF120527.D
 Acq: 3 Jun 2020 23:22

Instrument :
 BNA_F
 ClientSampleId :
 NM7-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.6	19.2	28.8
277	25.4	20.4	30.6

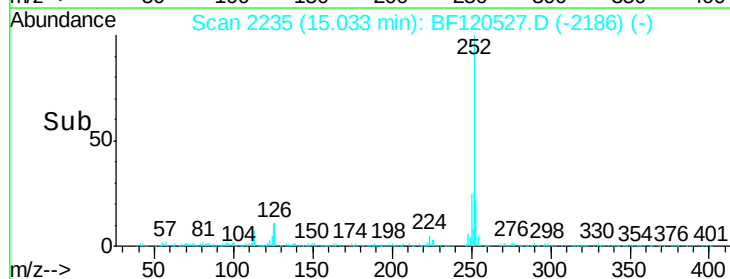
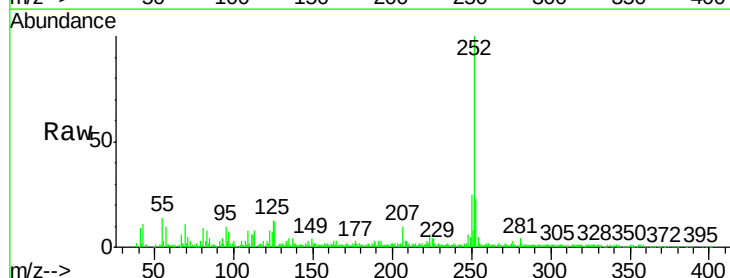
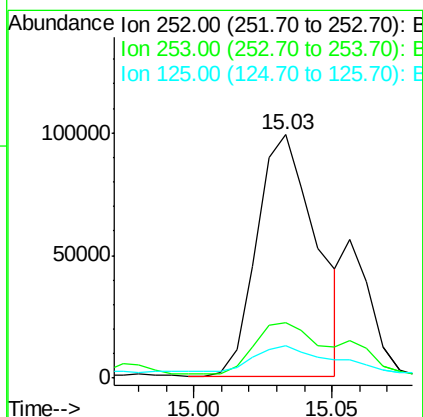
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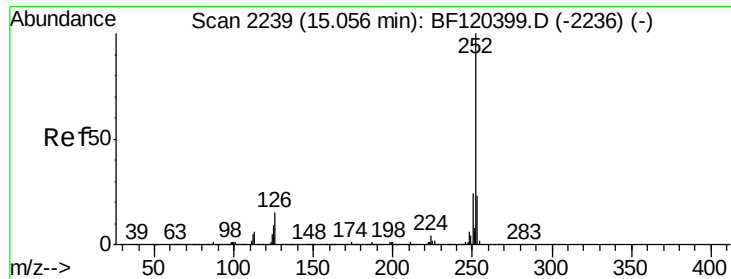
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#88
 Benzo(b)fluoranthene
 Concen: 8.130 ng m
 RT: 15.03 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BF120527.D
 Acq: 3 Jun 2020 23:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	13.1	7.6	11.4





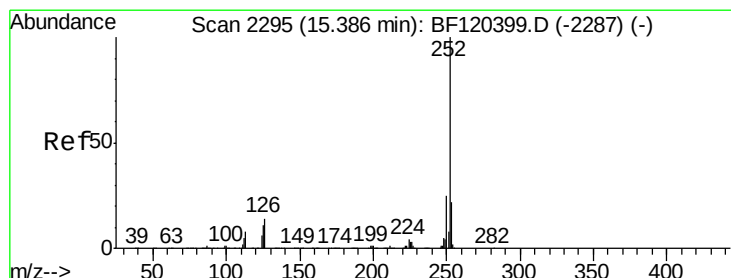
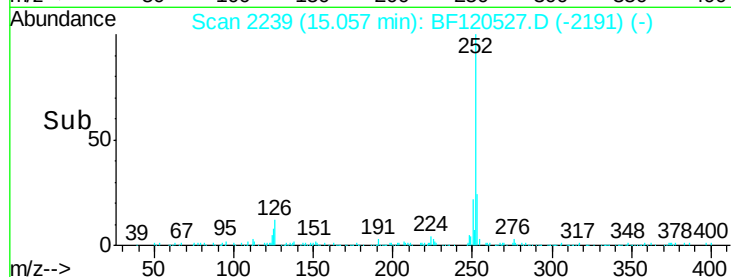
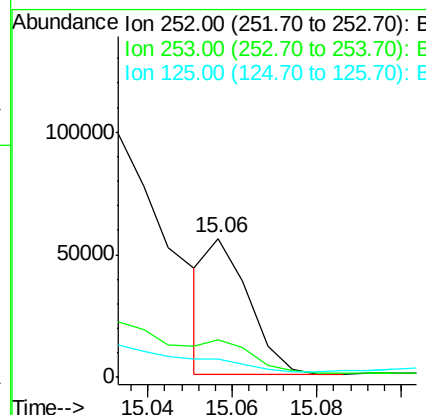
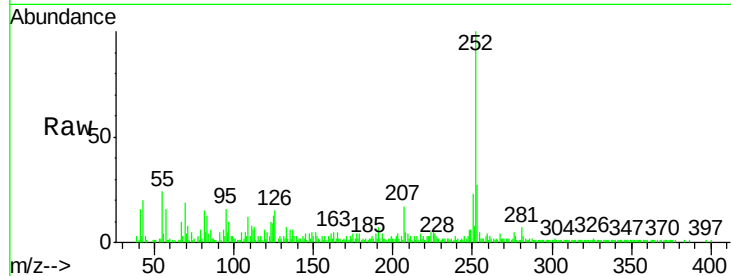
#89
Benzo(k)fluoranthene
Concen: 2.224 ng m
RT: 15.06 min Scan# 2239
Delta R.T. -0.02 min
Lab File: BF120527.D
Acq: 3 Jun 2020 23:22

Instrument :
BNA_F
ClientSampleId :
NM7-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.6	26.4#
125	13.4	7.5	11.3#

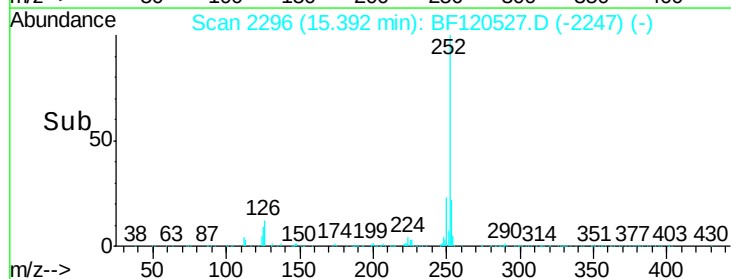
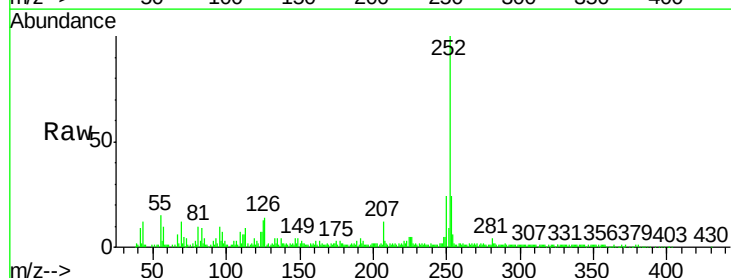
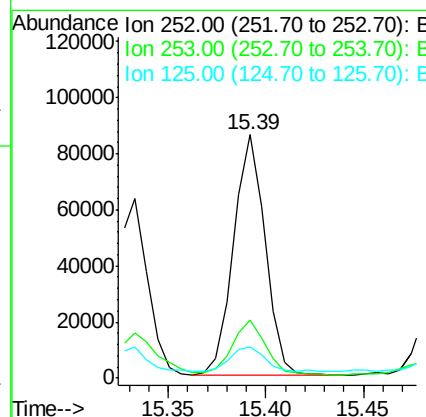
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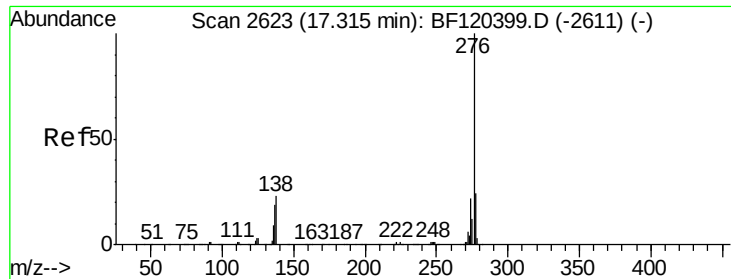
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#90
Benzo(a)pyrene
Concen: 6.130 ng
RT: 15.39 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF120527.D
Acq: 3 Jun 2020 23:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.0	27.0
125	13.0	9.2	13.8





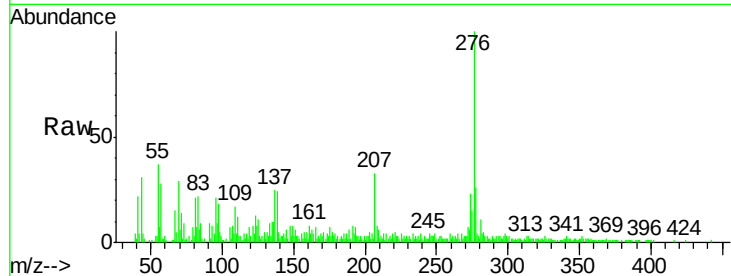
#92
 Benzo(a,h,i)perylene
 Concen: 4.164 ng
 RT: 17.34 min Scan# 2627
 Delta R.T. -0.02 min
 Lab File: BF120527.D
 Acq: 3 Jun 2020 23:22

Instrument :
 BNA_F
 ClientSampleId :
 NM7-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.1	19.4	29.2
138	23.7	16.6	25.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

