

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
 Data File : BF120500.D
 Acq On : 2 Jun 2020 17:40
 Operator : JU/CG
 Sample : L2798-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM2-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 02 19:26:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 02 11:37:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	180260	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	639834	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	303223	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	506167	20.00	ng	0.00
76) Chrysene-d12	14.01	240	400387	20.00	ng	0.00
86) Perylene-d12	15.47	264	368875	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	772296	81.65	ng	0.00
7) Phenol-d6	6.48	99	953029	81.74	ng	0.00
23) Nitrobenzene-d5	7.40	82	592591	60.58	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	233860	83.24	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1114042	62.34	ng	0.00
79) Terphenyl-d14	12.96	244	1052796	58.51	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	181459	9.572	ng	100
71) Phenanthrene	11.39	178	161383	7.236	ng	96
72) Anthracene	11.44	178	45265	2.023	ng	99
75) Fluoranthene	12.58	202	382650	15.945	ng	98
78) Pyrene	12.81	202	375964	13.502	ng	97
80) Butylbenzylphthalate	13.43	149	25050	2.155	ng	96
81) Benzo(a)anthracene	14.00	228	223479	10.414	ng	98
83) Chrysene	14.03	228	210176	9.343	ng	97
87) Indeno(1,2,3-cd)pyrene	16.93	276	111998	5.551	ng	93
88) Benzo(b)fluoranthene	15.04	252	269206m	13.139	ng	
89) Benzo(k)fluoranthene	15.07	252	95803m	5.009	ng	
90) Benzo(a)pyrene	15.41	252	181553	10.131	ng	99
92) Benzo(a,h,i)perylene	17.37	276	100895	6.219	ng	97

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

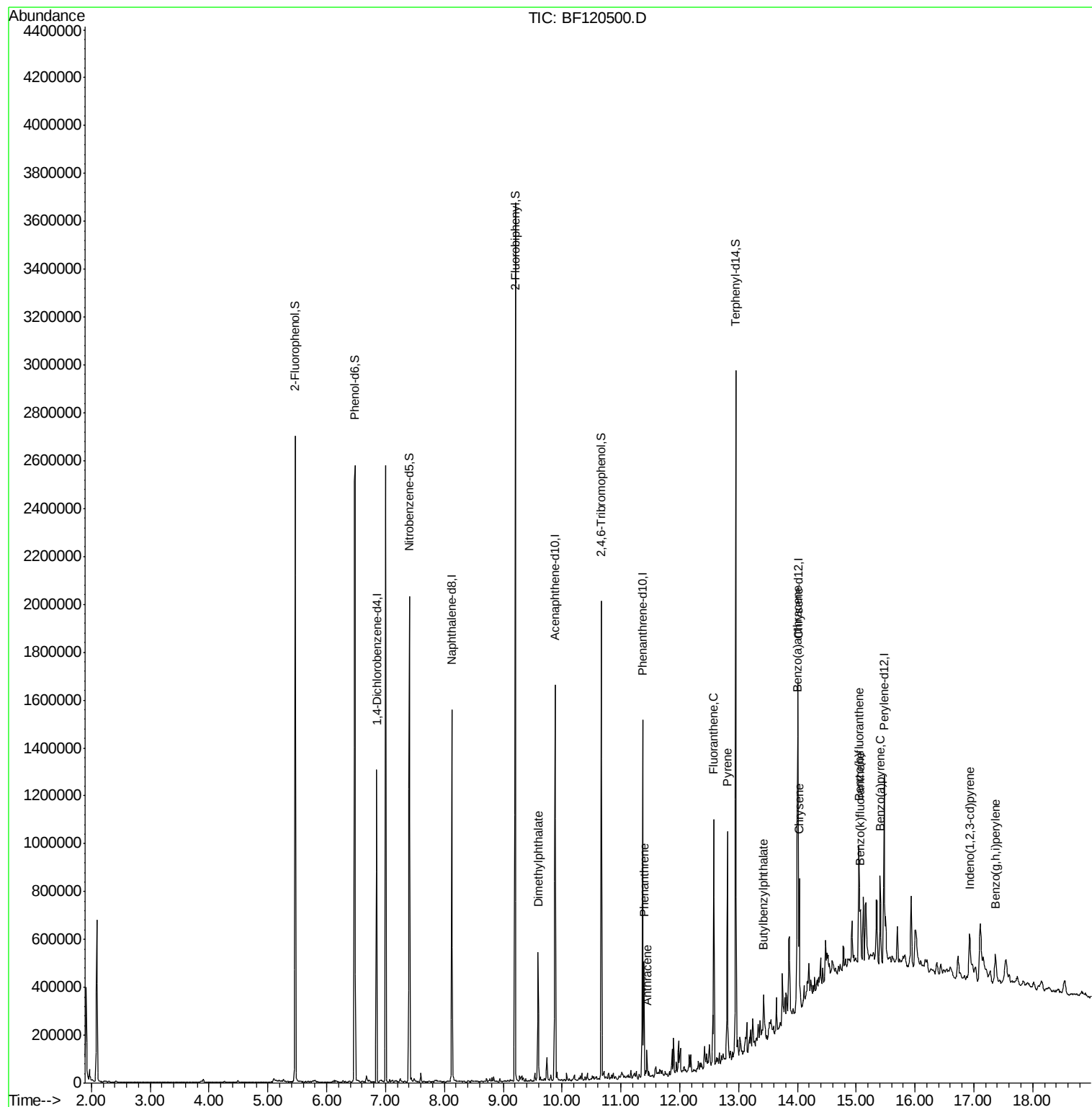
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120500.D
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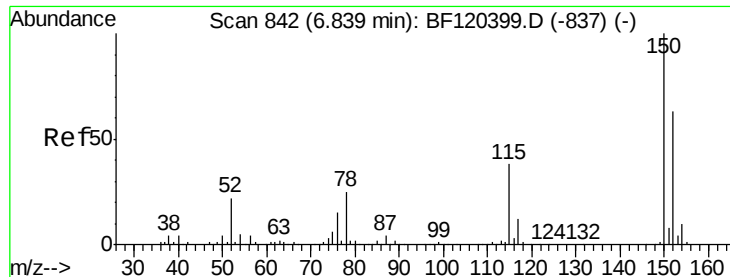
Instrument :
BNA_F
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NM2-COMP-2020-0-6

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
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#1

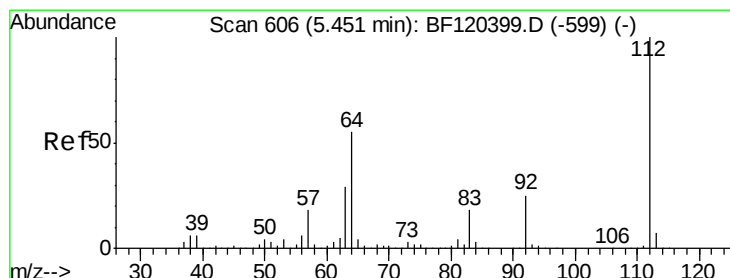
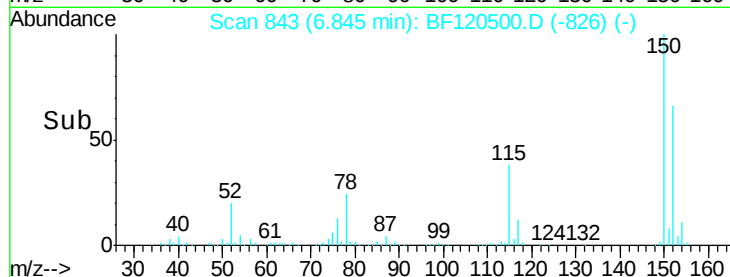
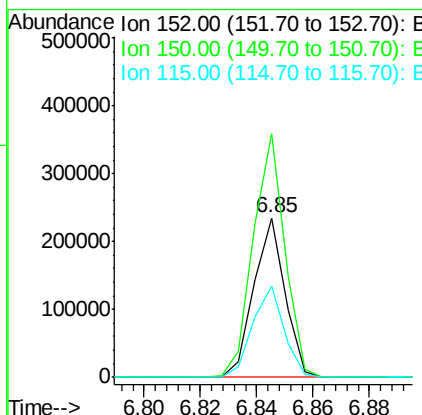
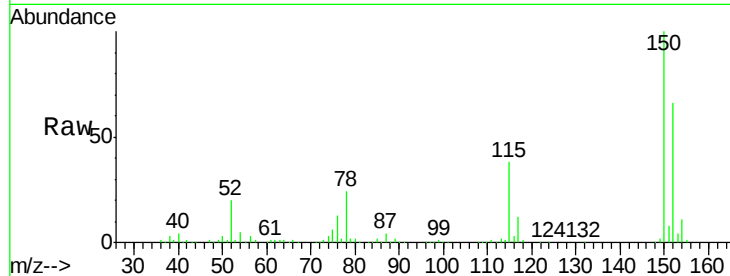
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF120500.D
Acq: 2 Jun 2020 17:40

Instrument :
BNA_F
ClientSampleId :
NM2-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	126.7	190.1
115	57.4	46.2	69.2

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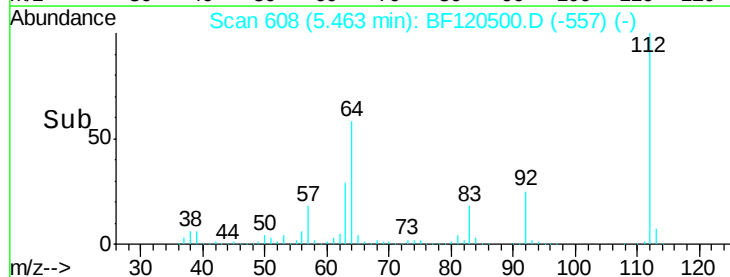
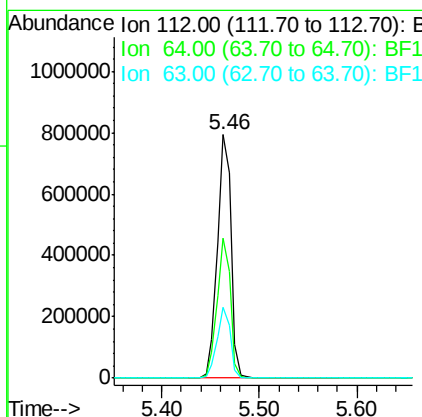
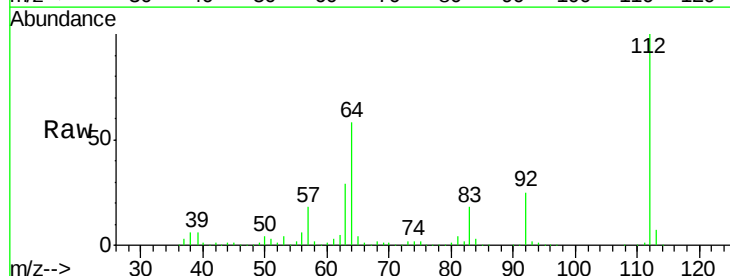
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#5

2-Fluorophenol
Concen: 81.649 ng
RT: 5.46 min Scan# 608
Delta R.T. -0.00 min
Lab File: BF120500.D
Acq: 2 Jun 2020 17:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	46.3	69.5
63	29.0	24.2	36.2





#7

Phenol-d6

Concen: 81.745 ng

RT: 6.48 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF120500.D

Acq: 2 Jun 2020 17:40

Instrument :

BNA_F

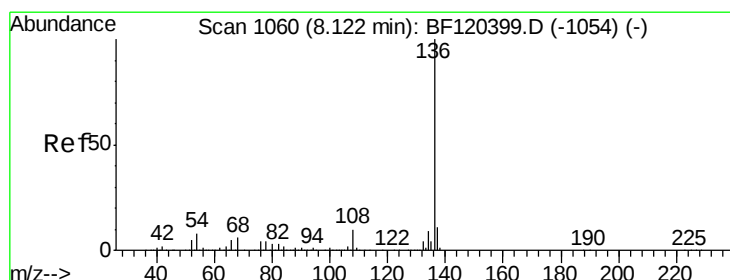
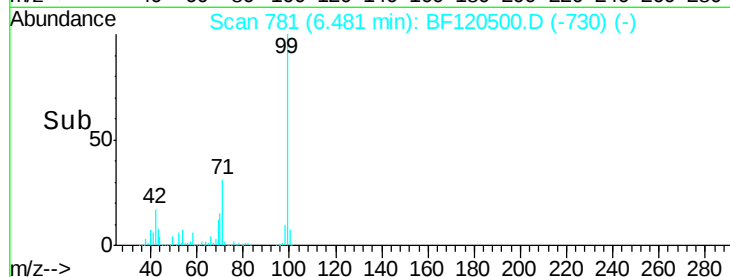
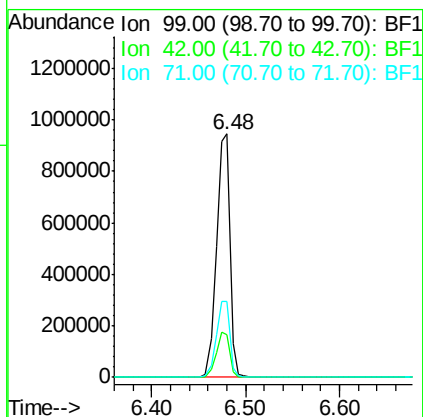
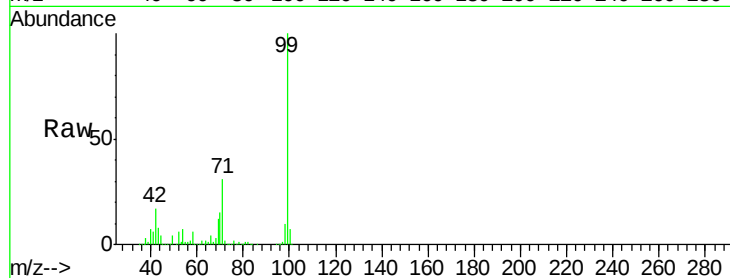
ClientSampleId :

NM2-COMP-2020-0-6

Tot Ion:	99	Resp:	953029
Ion	Ratio	Lower	Upper
99	100		
42	17.3	15.1	22.7
71	31.0	26.2	39.4

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#21

Naphthalene-d8

Concen: 20.000 ng

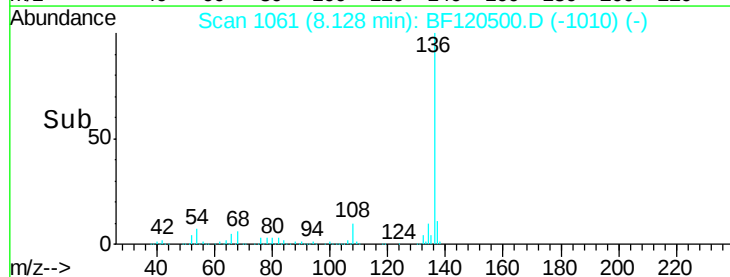
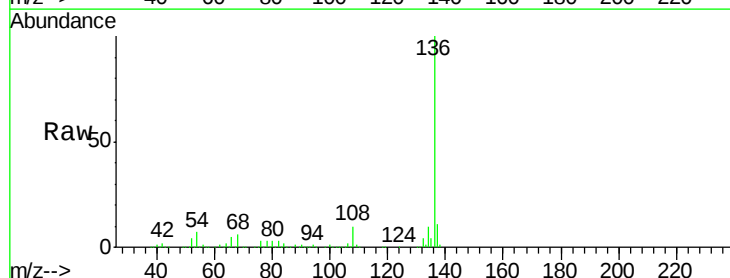
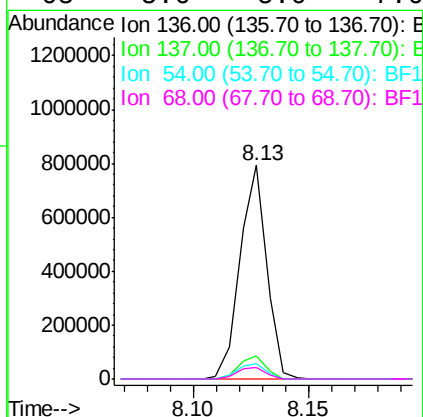
RT: 8.13 min Scan# 1061

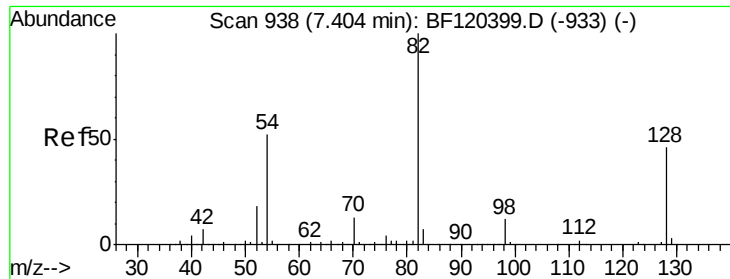
Delta R.T. -0.00 min

Lab File: BF120500.D

Acq: 2 Jun 2020 17:40

Tgt Ion:	136	Resp:	639834
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	7.4	6.2	9.4
68	5.6	5.0	7.6





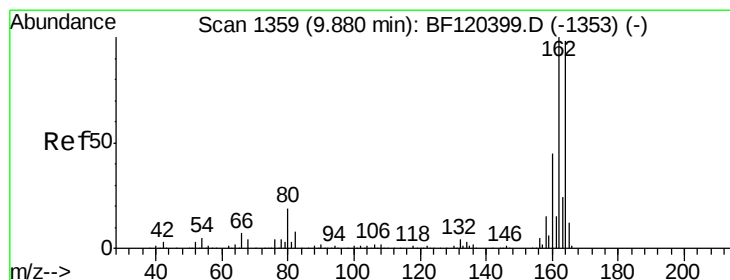
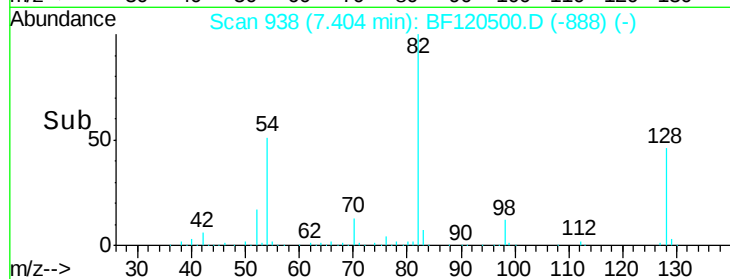
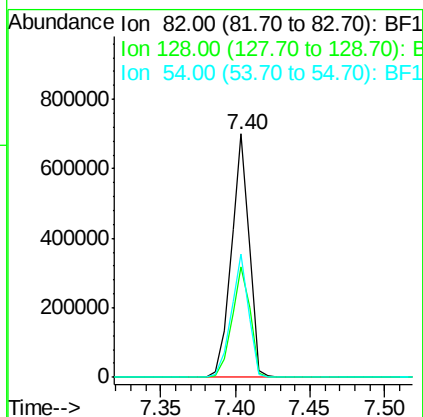
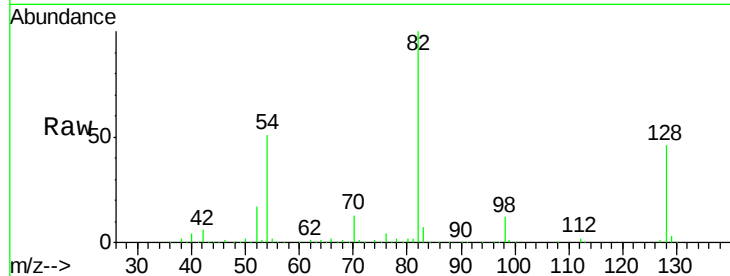
#23
Nitrobenzene-d5
Concen: 60.583 ng
RT: 7.40 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF120500.D
Acq: 2 Jun 2020 17:40

Instrument :
BNA_F
ClientSampleId :
NM2-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
82	100	592591		
128	45.6		37.0	55.6
54	50.7		41.0	61.4

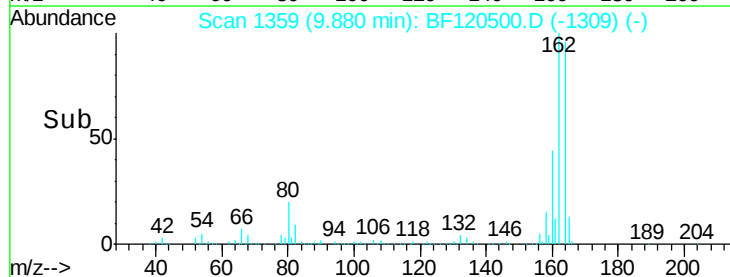
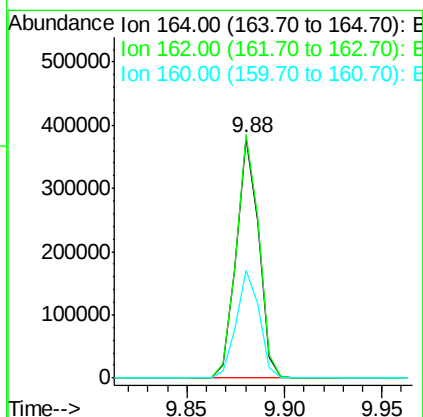
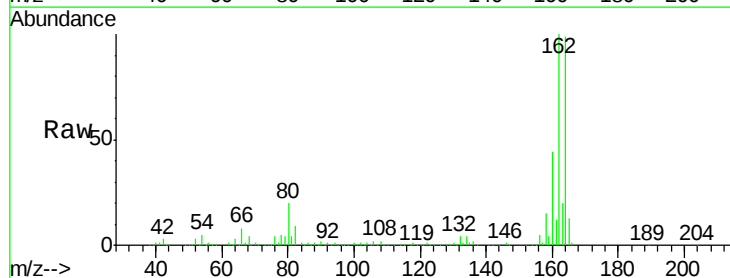
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF120500.D
Acq: 2 Jun 2020 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	303223		
162	101.4		81.9	122.9
160	44.9		37.4	56.0





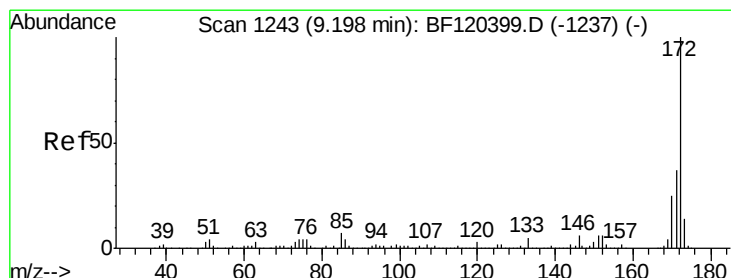
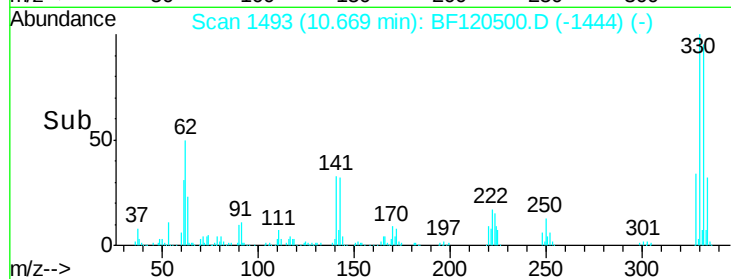
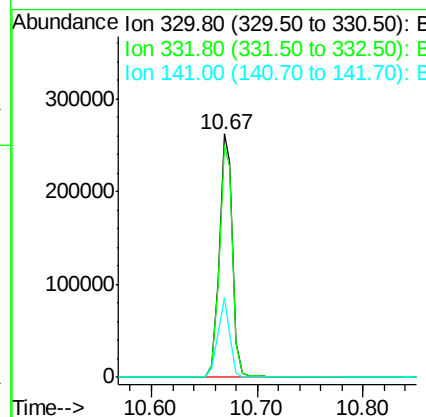
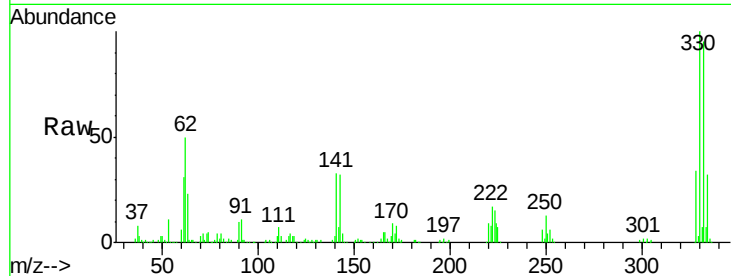
#42
 2,4,6-Tribromophenol
 Concen: 83.239 ng
 RT: 10.67 min Scan# 1493
 Delta R.T. -0.01 min
 Lab File: BF120500.D
 Acq: 2 Jun 2020 17:40

Instrument :
 BNA_F
 ClientSampleId :
 NM2-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	233860		
332	96.4	76.8	115.2	
141	30.2	23.9	35.9	

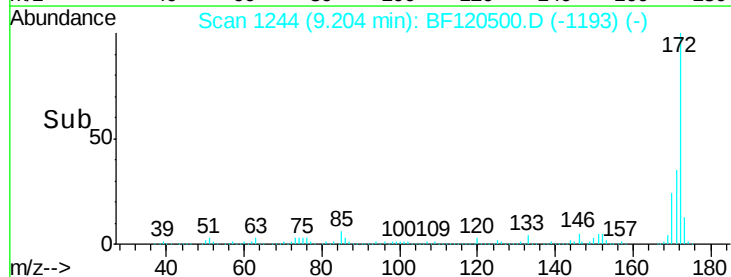
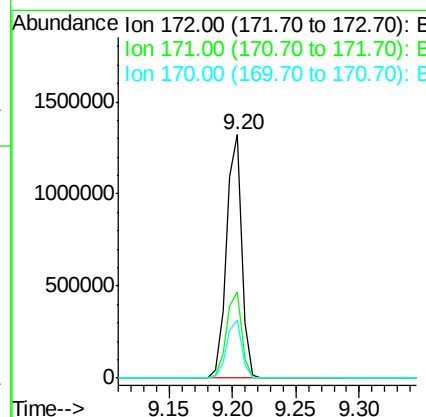
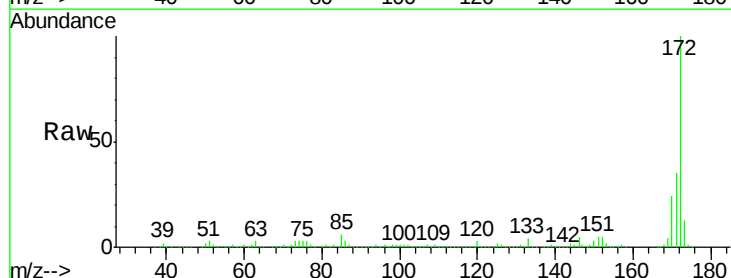
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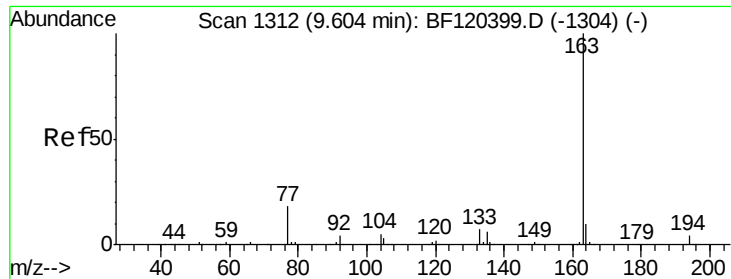
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#45
 2-Fluorobiphenyl
 Concen: 62.337 ng
 RT: 9.20 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: BF120500.D
 Acq: 2 Jun 2020 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1114042		
171	35.3	29.4	44.2	
170	23.8	19.9	29.9	





#50

Dimethylphthalate

Concen: 9.572 ng

RT: 9.59 min Scan# 1310

Delta R.T. -0.02 min

Lab File: BF120500.D

Acq: 2 Jun 2020 17:40

Instrument :

BNA_F

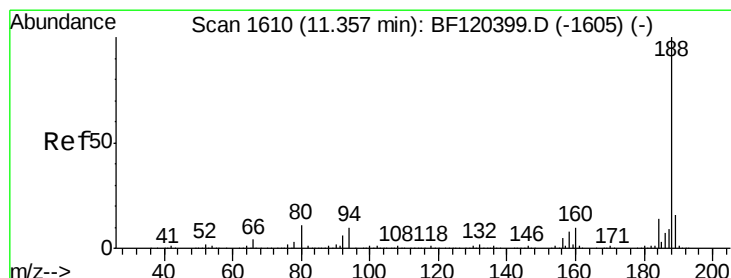
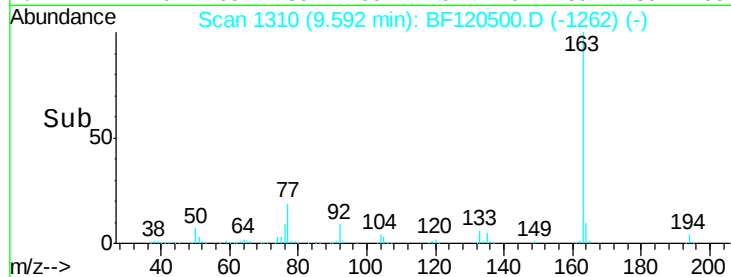
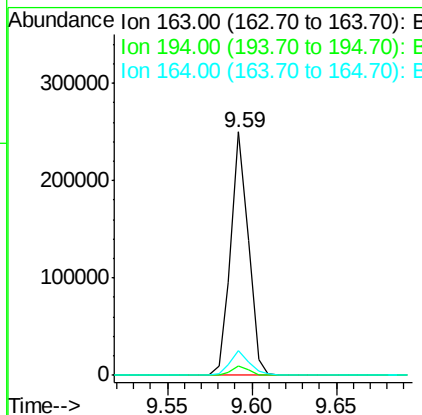
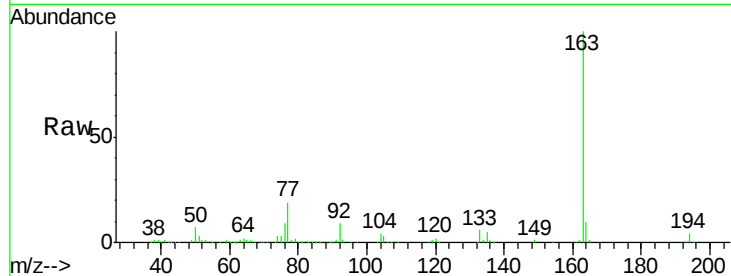
ClientSampleId :

NM2-COMP-2020-0-6

Tot Ion:	163	Resp:	181459
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.3	4.9
164	10.3	8.2	12.2

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#64

Phenanthrene-d10

Concen: 20.000 ng

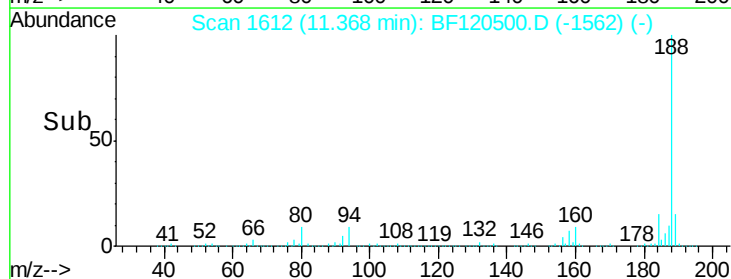
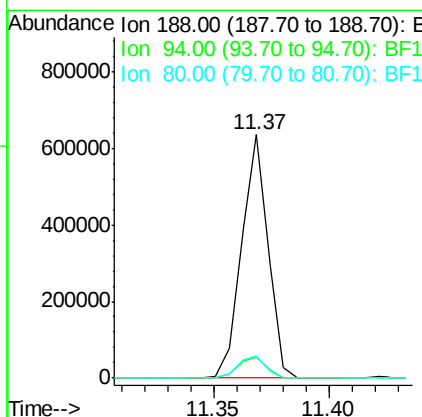
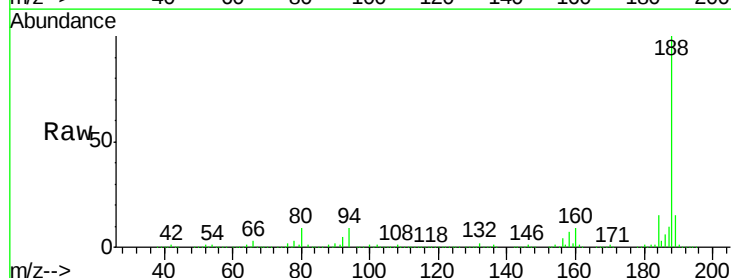
RT: 11.37 min Scan# 1612

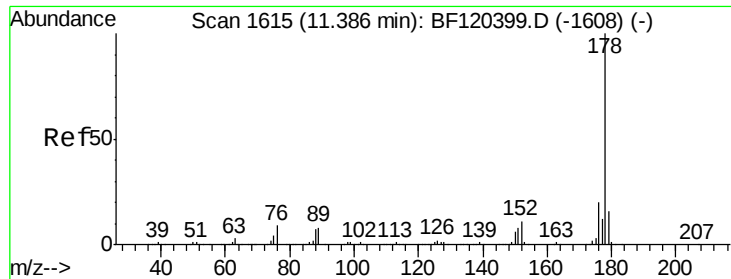
Delta R.T. -0.01 min

Lab File: BF120500.D

Acq: 2 Jun 2020 17:40

Tgt Ion:	188	Resp:	506167
Ion Ratio	Lower	Upper	
188	100		
94	8.6	6.6	10.0
80	9.2	7.1	10.7





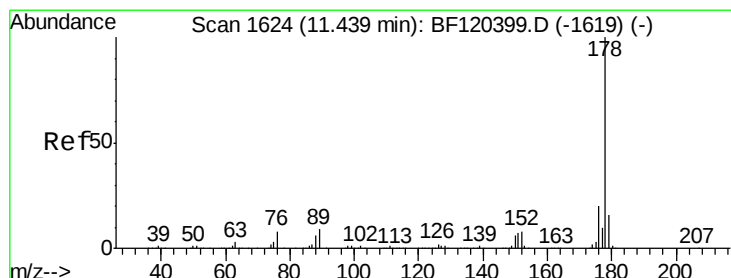
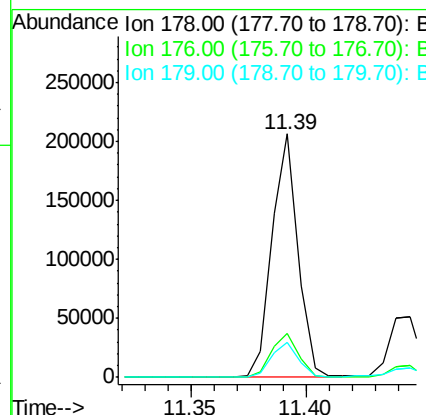
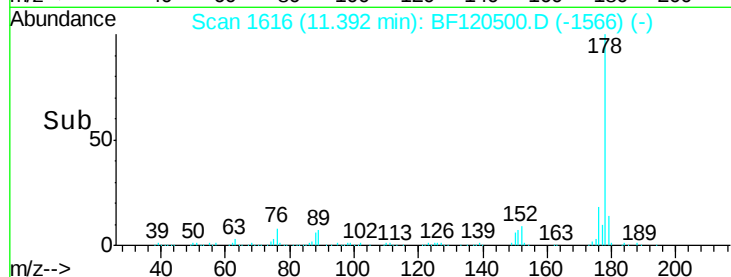
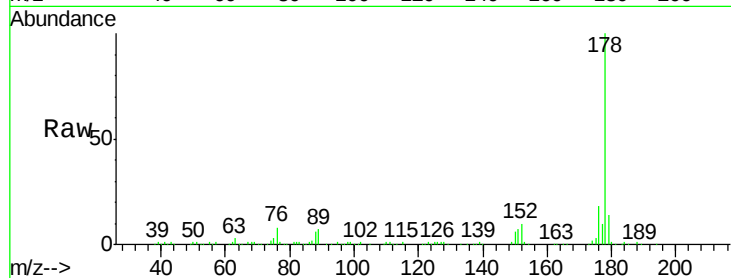
#71
Phenanthrene
Concen: 7.236 ng
RT: 11.39 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BF120500.D
Acq: 2 Jun 2020 17:40

Instrument :
BNA_F
ClientSampleId :
NM2-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.9	16.2	24.2
179	14.4	12.8	19.2

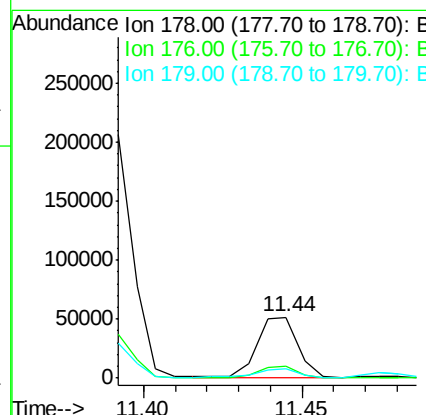
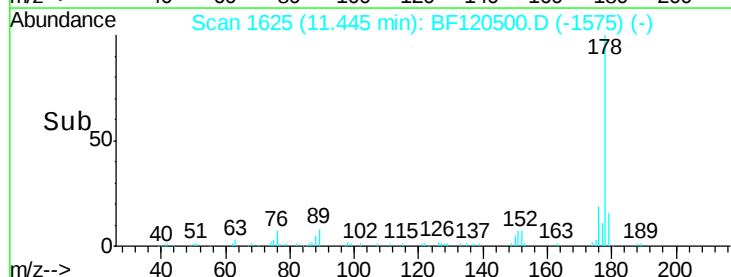
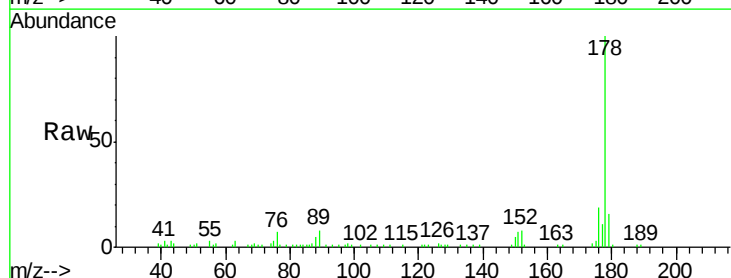
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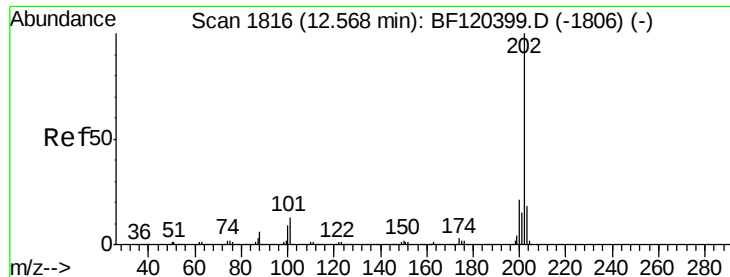
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#72
Anthracene
Concen: 2.023 ng
RT: 11.44 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BF120500.D
Acq: 2 Jun 2020 17:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.9	23.9
179	16.0	12.7	19.1





#75

Fluoranthene

Concen: 15.945 ng

RT: 12.58 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF120500.D

Acq: 2 Jun 2020 17:40

Instrument :

BNA_F

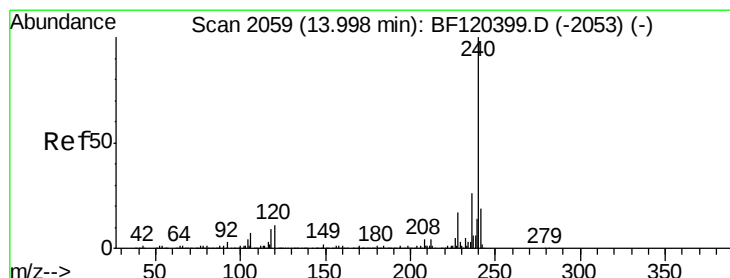
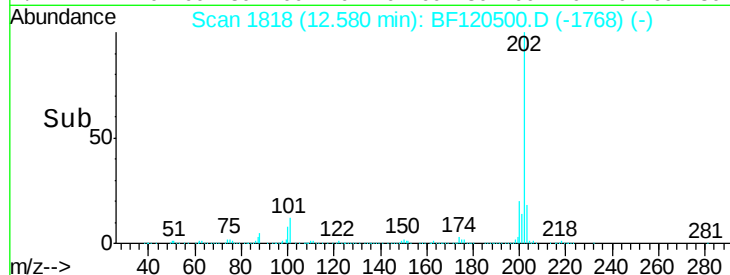
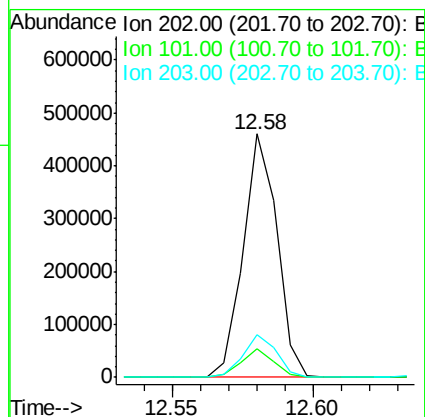
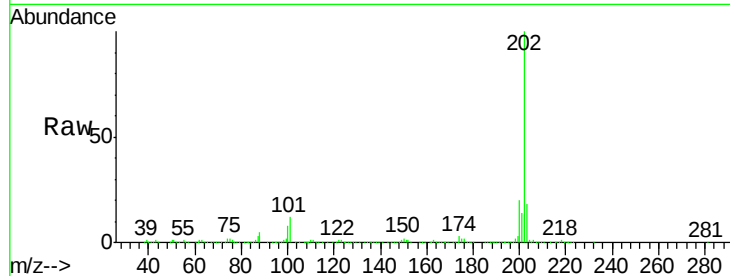
ClientSampleId :

NM2-COMP-2020-0-6

Tot Ion:	202	Resp:	382650
Ion Ratio		Lower	Upper
202	100		
101	11.7	0.0	31.4
203	17.7	0.0	38.8

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

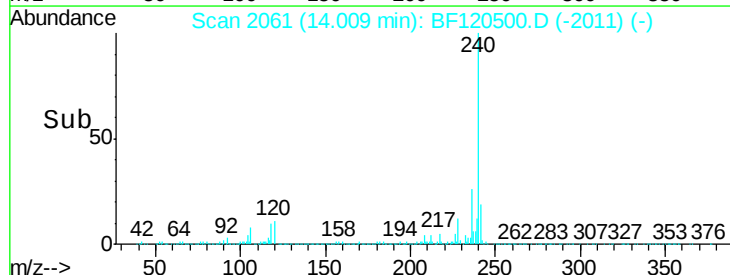
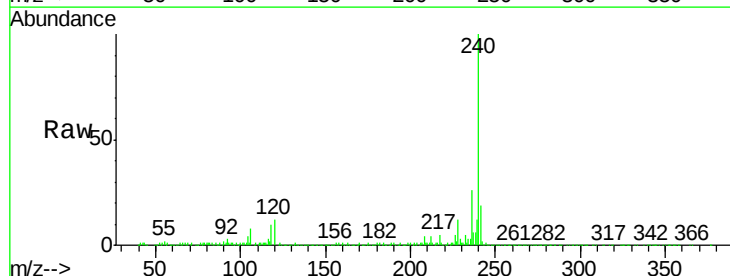
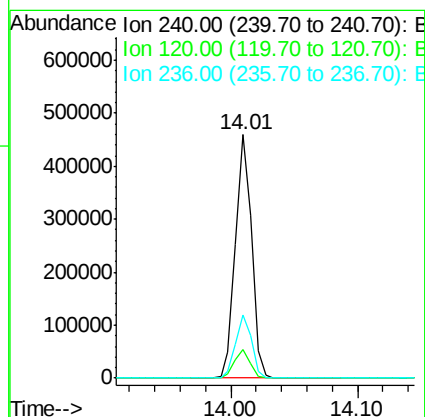
RT: 14.01 min Scan# 2061

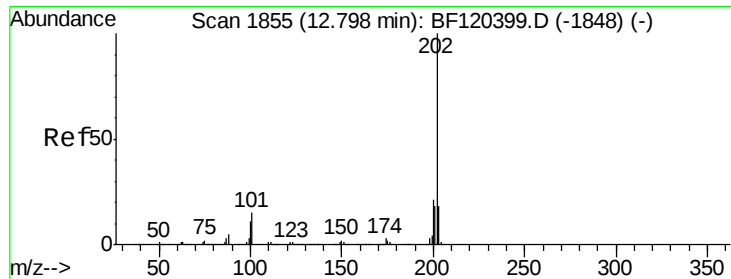
Delta R.T. -0.01 min

Lab File: BF120500.D

Acq: 2 Jun 2020 17:40

Tgt Ion:	240	Resp:	400387
Ion Ratio		Lower	Upper
240	100		
120	11.6	9.9	14.9
236	25.9	21.0	31.6





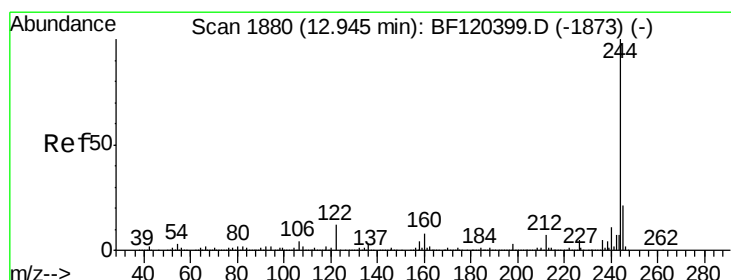
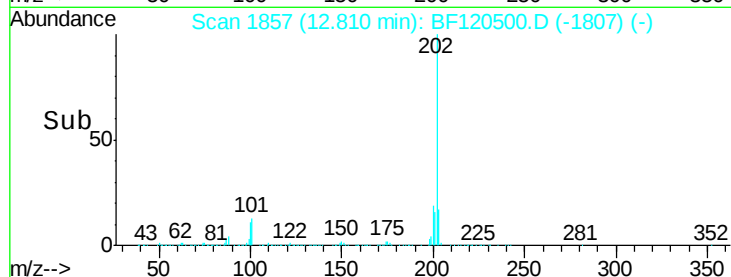
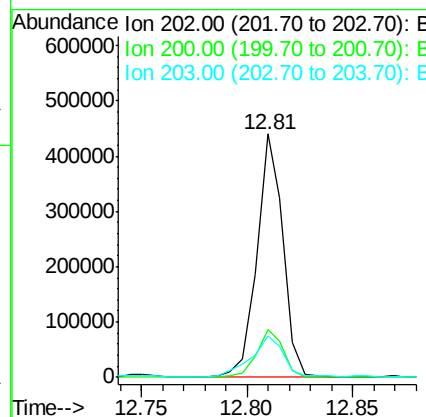
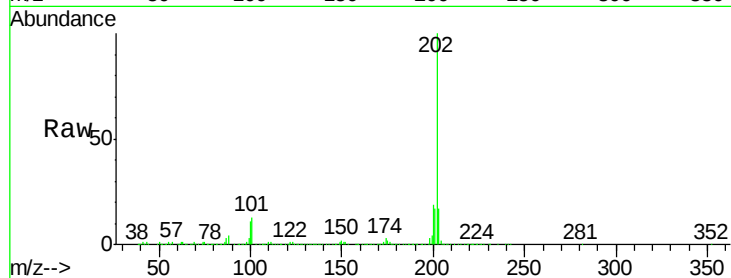
#78
Pvrene
Concen: 13.502 ng
RT: 12.81 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BF120500.D
Acq: 2 Jun 2020 17:40

Instrument :
BNA_F
ClientSampleId :
NM2-COMP-2020-0-6

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	19.4	17.0	25.6
203	17.2	14.6	22.0

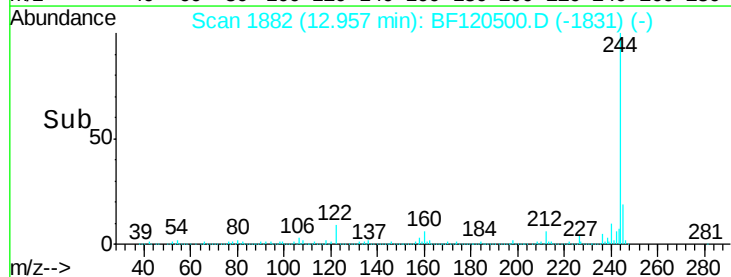
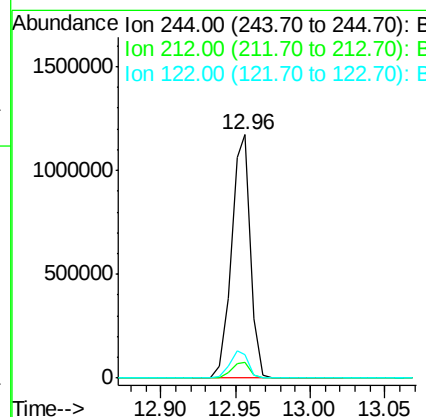
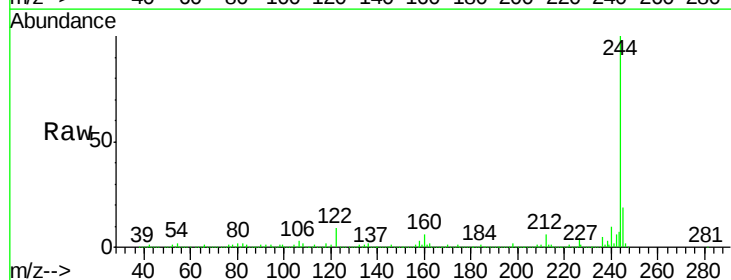
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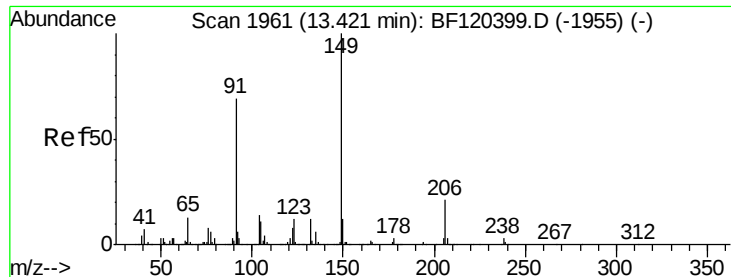
mohammad
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#79
Terphenyl-d14
Concen: 58.511 ng
RT: 12.96 min Scan# 1882
Delta R.T. -0.00 min
Lab File: BF120500.D
Acq: 2 Jun 2020 17:40

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.4	5.8	8.8
122	9.5	8.7	13.1





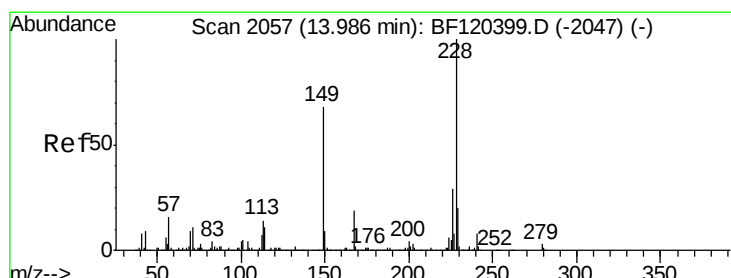
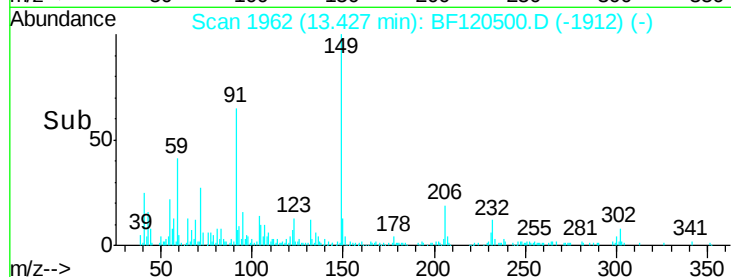
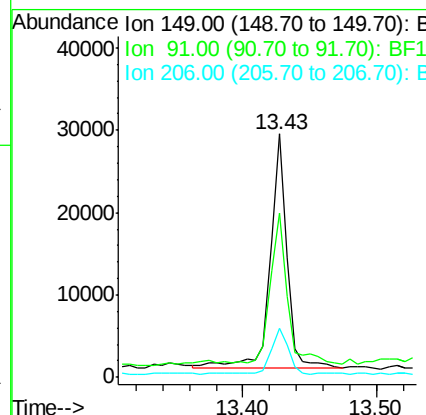
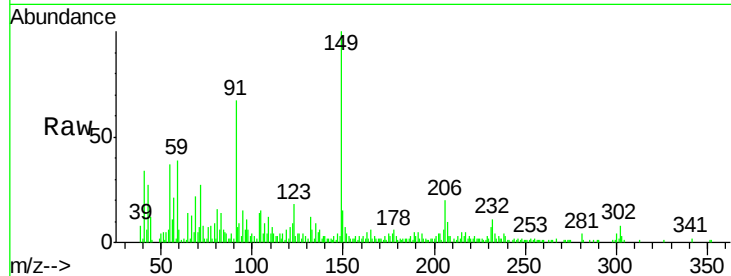
#80
Butylbenzylphthalate
Concen: 2.155 ng
RT: 13.43 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BF120500.D
Acq: 2 Jun 2020 17:40

Instrument :
BNA_F
ClientSampleId :
NM2-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.5	52.2	78.2
206	19.9	18.0	27.0

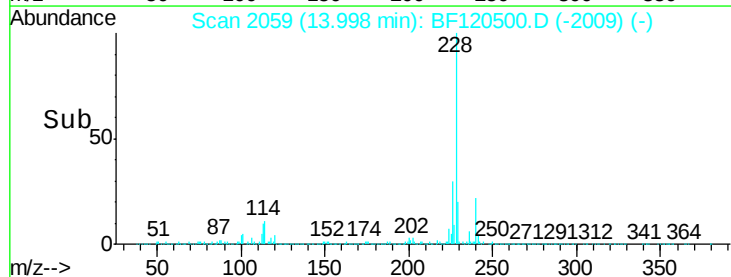
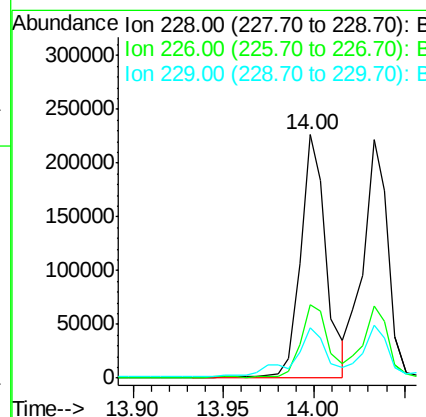
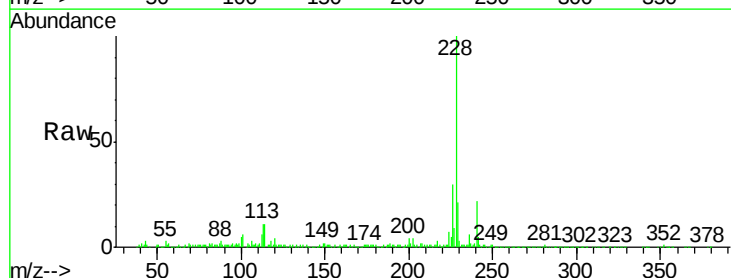
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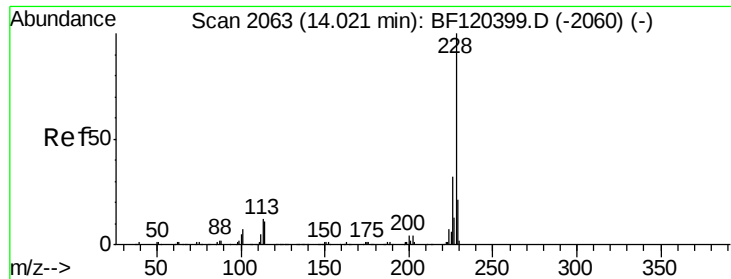
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#81
Benzo(a)anthracene
Concen: 10.414 ng
RT: 14.00 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BF120500.D
Acq: 2 Jun 2020 17:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.9	34.3
229	20.7	16.3	24.5





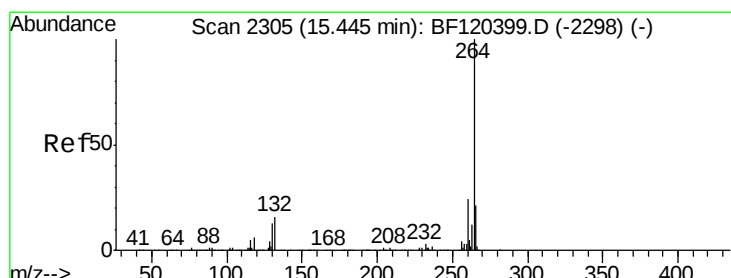
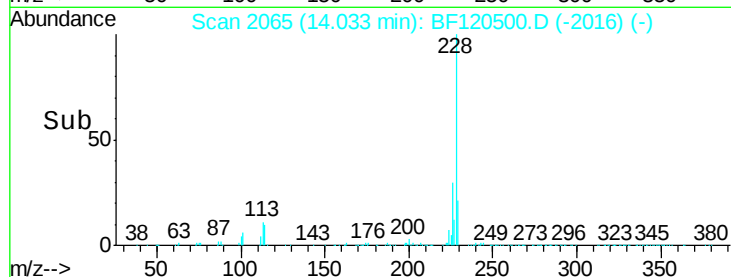
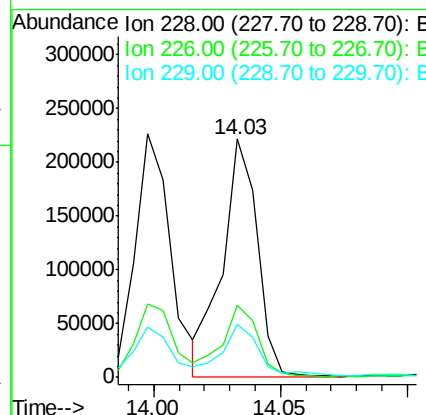
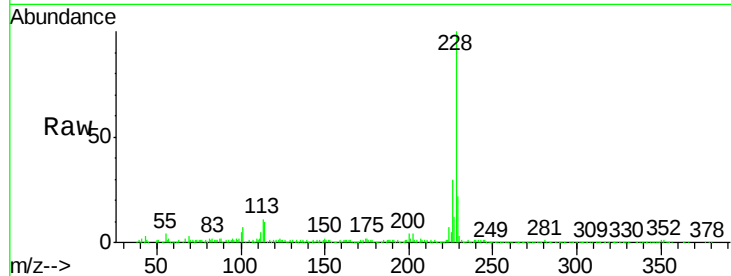
#83
Chrysene
Concen: 9.343 ng
RT: 14.03 min Scan# 2065
Delta R.T. -0.01 min
Lab File: BF120500.D
Acq: 2 Jun 2020 17:40

Instrument :
BNA_F
ClientSampleId :
NM2-COMP-2020-0-6

Tot Ion:	228	Resp:	210176
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.7	38.5
229	21.9	16.4	24.6

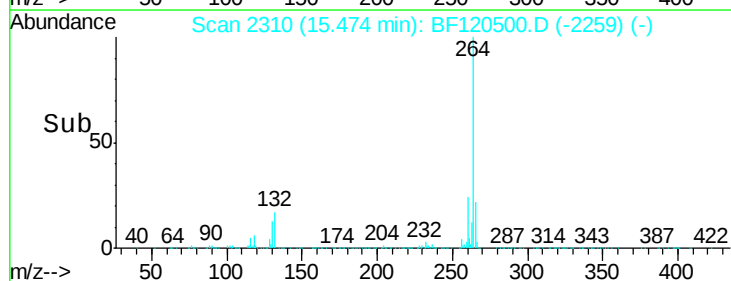
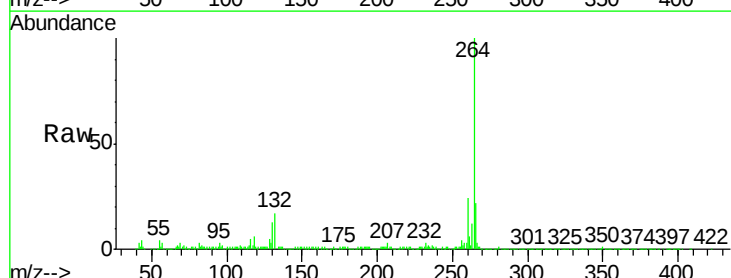
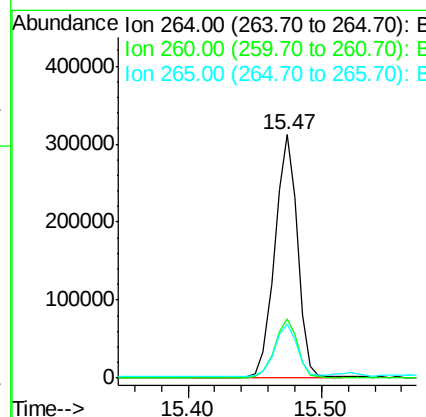
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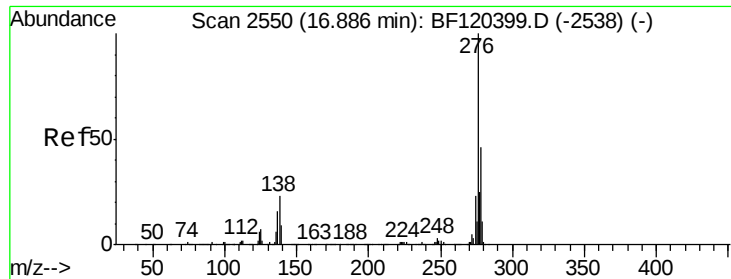
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2310
Delta R.T. -0.00 min
Lab File: BF120500.D
Acq: 2 Jun 2020 17:40

Tgt Ion:	264	Resp:	368875
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.5	29.3
265	22.1	17.6	26.4





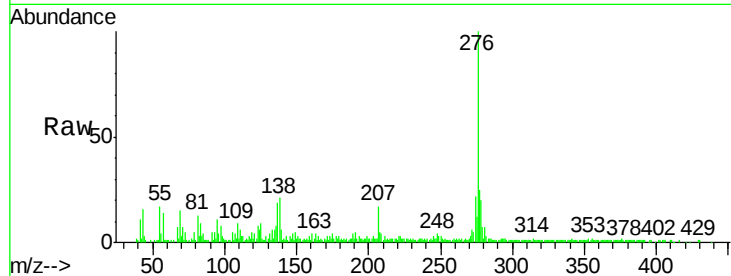
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 5.551 ng
 RT: 16.93 min Scan# 2557
 Delta R.T. -0.01 min
 Lab File: BF120500.D
 Acq: 2 Jun 2020 17:40

Instrument :
 BNA_F
 ClientSampleId :
 NM2-COMP-2020-0-6

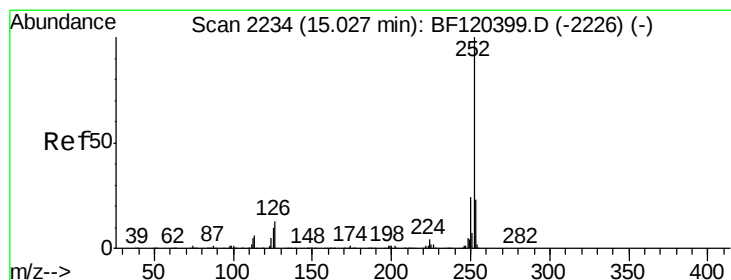
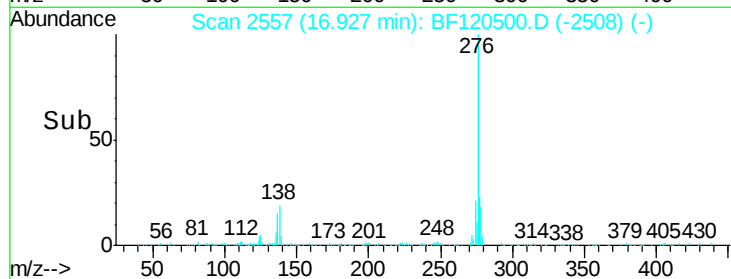
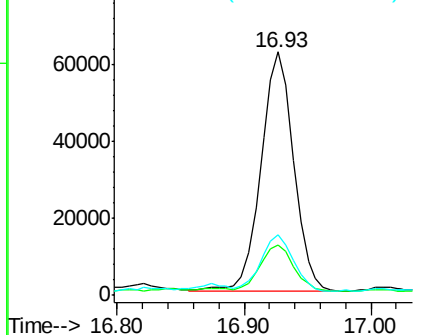
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.8	19.3	28.9
277	23.6	20.7	31.1

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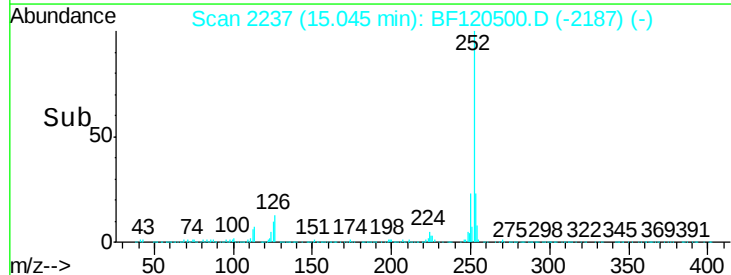
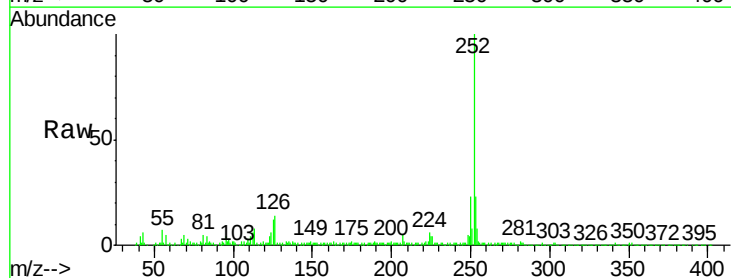
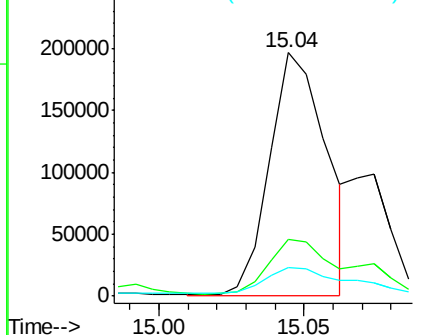
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

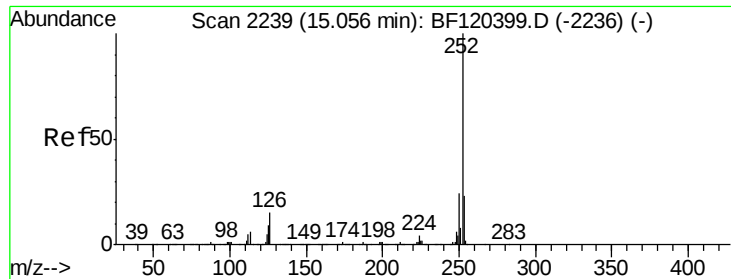


#88
 Benzo(b)fluoranthene
 Concen: 13.139 ng m
 RT: 15.04 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF120500.D
 Acq: 2 Jun 2020 17:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	11.5	8.2	12.4

Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E





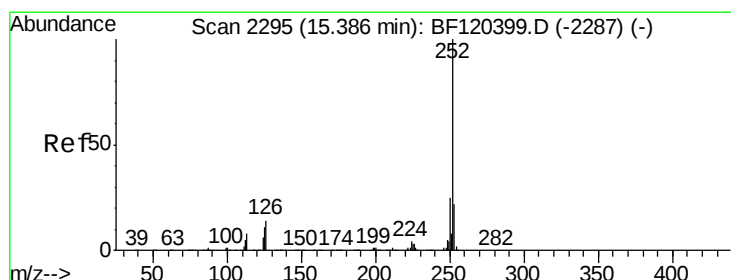
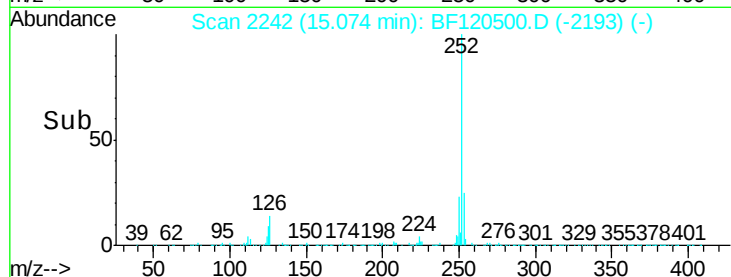
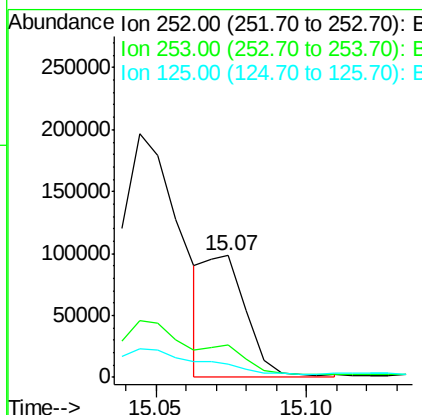
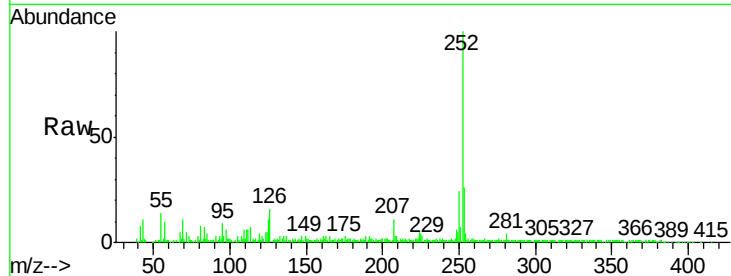
#89
Benzo(k)fluoranthene
Concen: 5.009 ng m
RT: 15.07 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF120500.D
Acq: 2 Jun 2020 17:40

Instrument :
BNA_F
ClientSampleId :
NM2-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.8	26.6
125	11.3	7.1	10.7

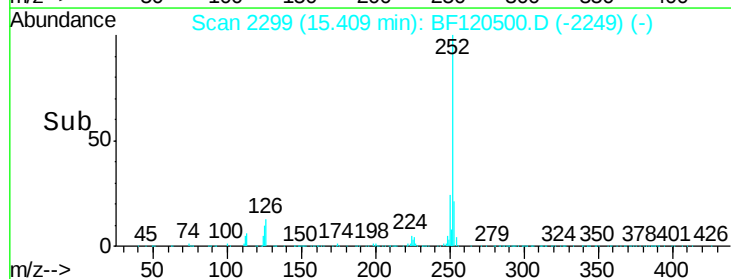
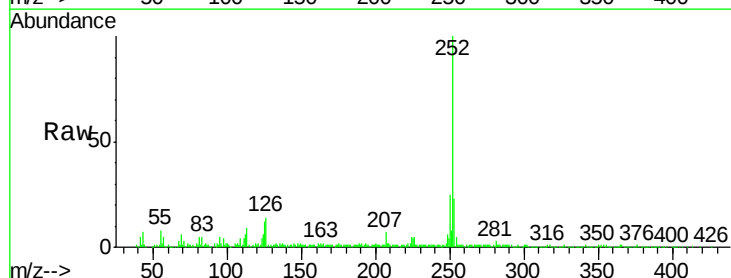
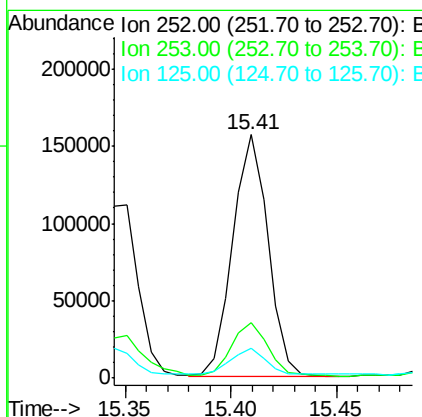
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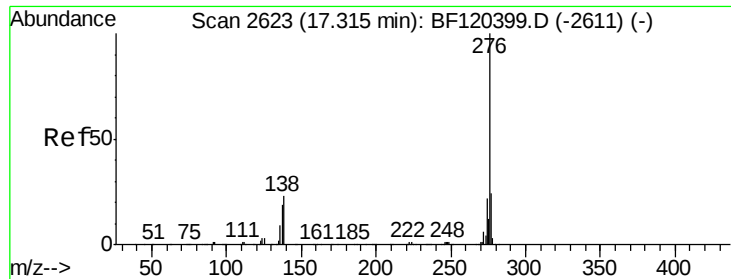
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#90
Benzo(a)pyrene
Concen: 10.131 ng
RT: 15.41 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BF120500.D
Acq: 2 Jun 2020 17:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	12.2	9.0	13.4





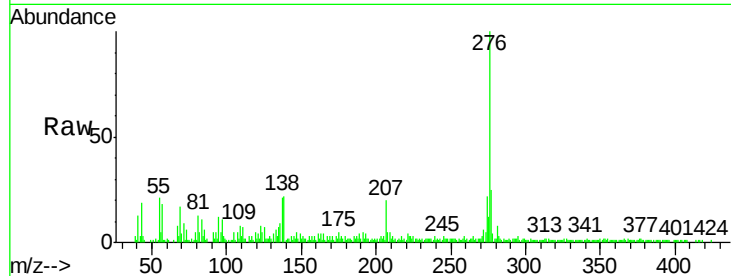
#92
 Benzo(a,h,i)perylene
 Concen: 6.219 ng
 RT: 17.37 min Scan# 2632
 Delta R.T. -0.01 min
 Lab File: BF120500.D
 Acq: 2 Jun 2020 17:40

Instrument :
 BNA_F
 ClientSampleId :
 NM2-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.8	28.2
138	22.3	16.8	25.2

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

