

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
 Data File : BF120514.D
 Acq On : 3 Jun 2020 17:24
 Operator : JU/CG
 Sample : L2839-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM20-COMP-2020-0-6

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Quant Time: Jun 03 18:01:57 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	201687	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	624373	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	377610	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	648216	20.00	ng	0.00
76) Chrysene-d12	14.00	240	348857	20.00	ng	-0.01
86) Perylene-d12	15.45	264	420492	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	892863	84.37	ng	0.00
7) Phenol-d6	6.47	99	1263121	96.83	ng	0.00
23) Nitrobenzene-d5	7.40	82	866728	90.80	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	357193	102.09	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1570857	70.58	ng	0.00
79) Terphenyl-d14	12.95	244	1307109	83.38	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	9.59	163	317525	13.450	ng	99
71) Phenanthrene	11.38	178	122505	4.289	ng	96
75) Fluoranthene	12.57	202	269965	8.784	ng	99
78) Pyrene	12.80	202	246627	10.166	ng	98
81) Benzo(a)anthracene	13.99	228	105383	5.636	ng	95
83) Chrysene	14.02	228	104689	5.341	ng	96
87) Indeno(1,2,3-cd)pyrene	16.89	276	68062	2.959	ng	96
88) Benzo(b)fluoranthene	15.03	252	168362m	7.209	ng	
89) Benzo(k)fluoranthene	15.05	252	53911m	2.473	ng	
90) Benzo(a)pyrene	15.39	252	112700	5.517	ng	98
92) Benzo(g,h,i)perylene	17.33	276	62314	3.370	ng	96

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

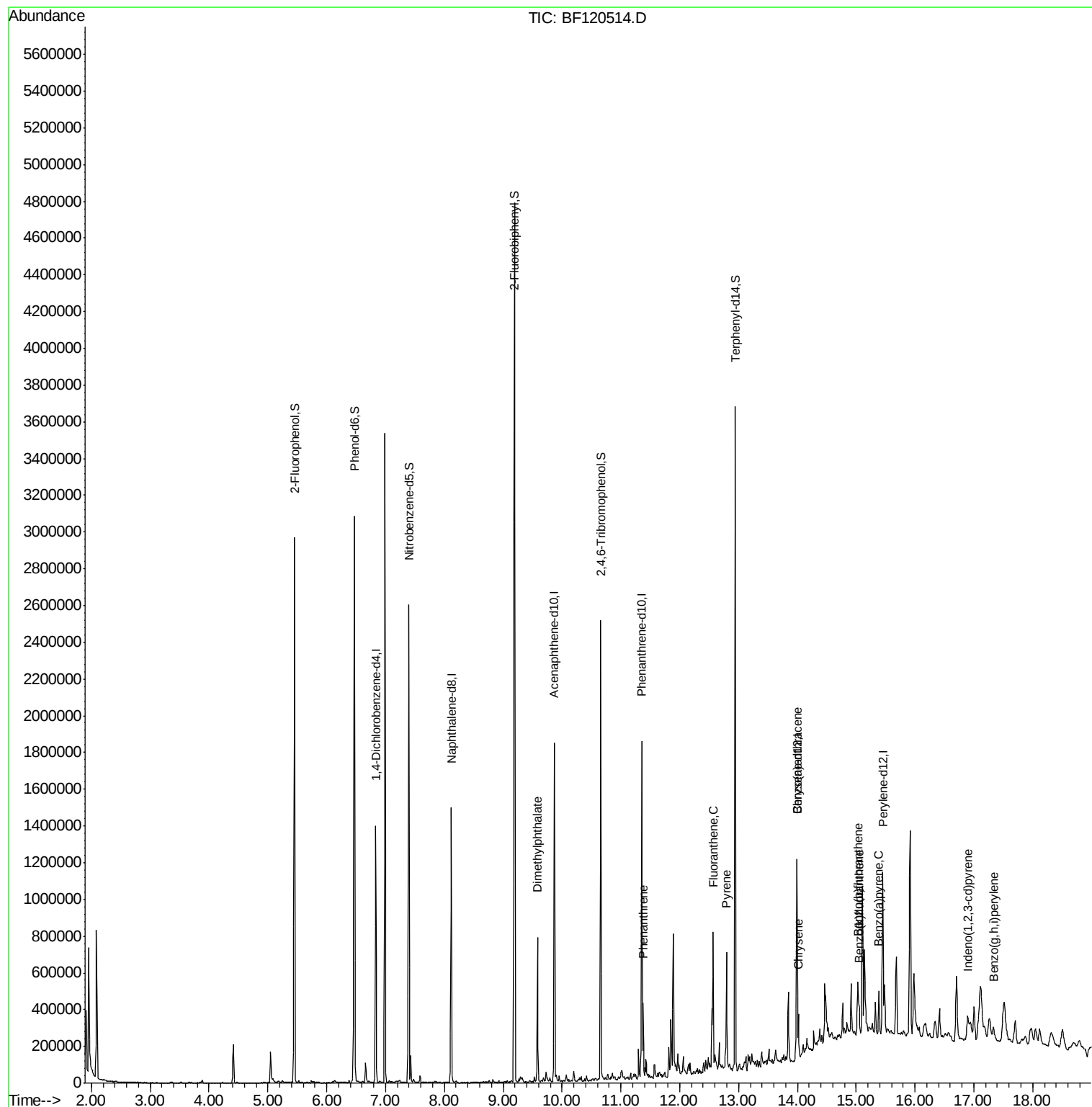
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060320\
Data File : BF120514.D
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ALS Vial : 11 Sample Multiplier: 1

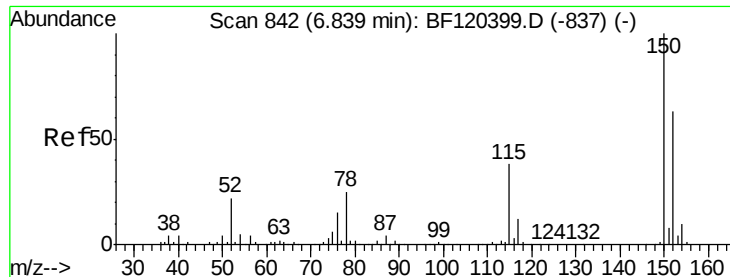
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

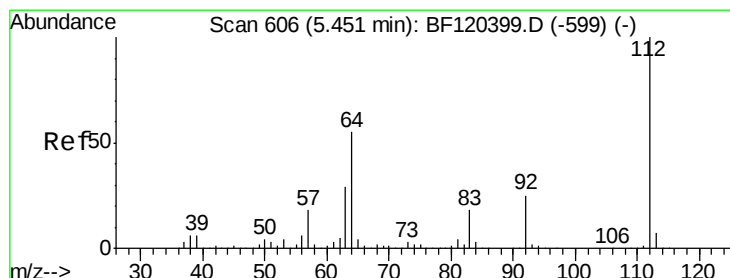
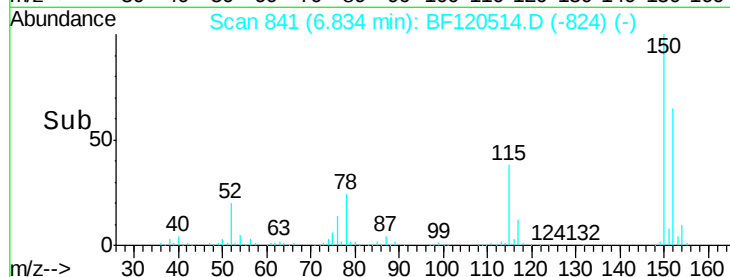
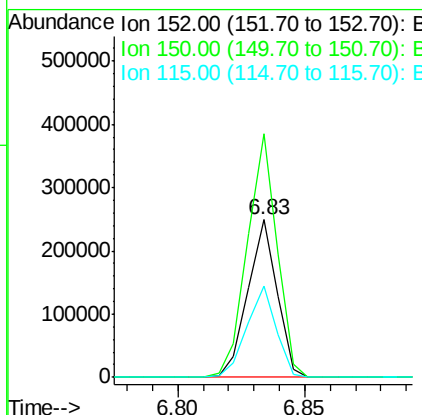
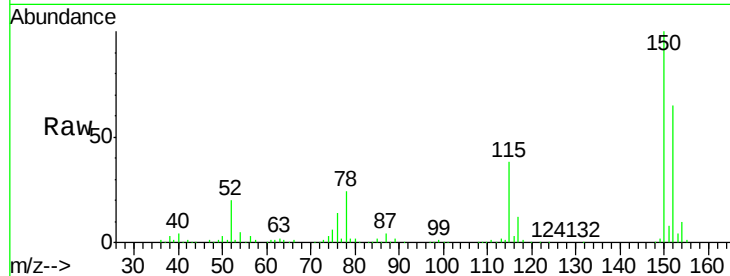
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF120514.D
Acq: 3 Jun 2020 17:24

Instrument :
BNA_F
ClientSampleId :
NM20-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	127.1	190.7
115	58.2	48.7	73.1

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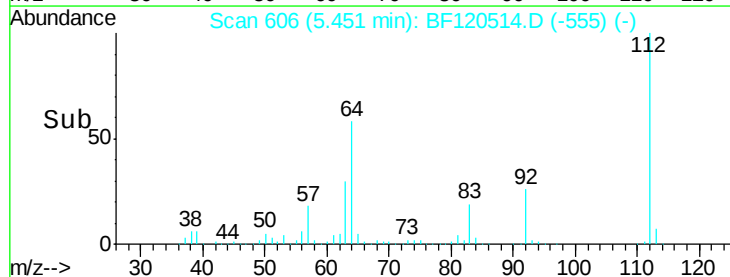
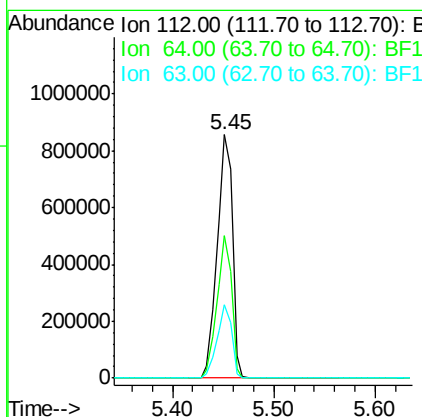
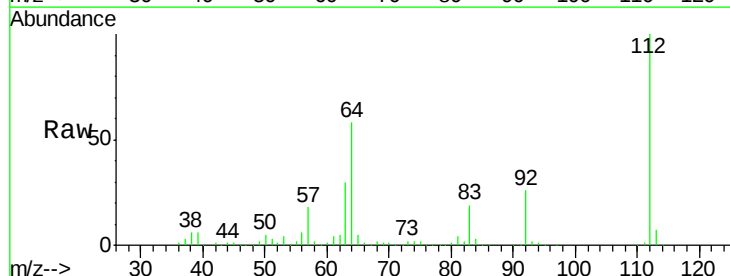
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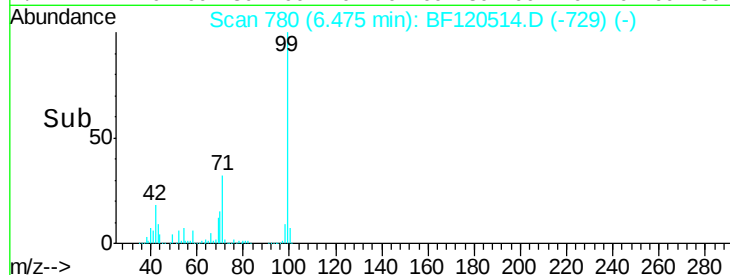
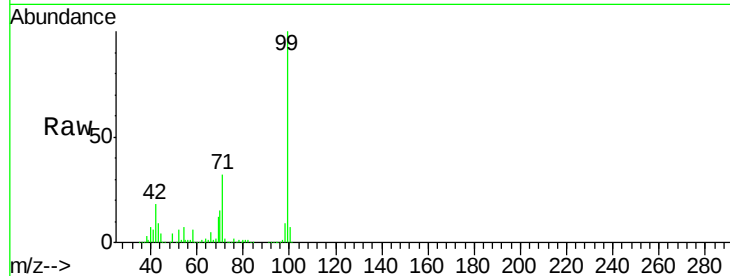
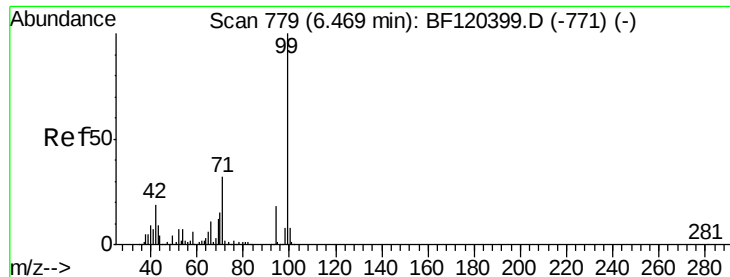


#5

2-Fluorophenol
Concen: 84.367 ng
RT: 5.45 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF120514.D
Acq: 3 Jun 2020 17:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	45.8	68.8
63	30.3	23.7	35.5





#7

Phenol-d6

Concen: 96.832 ng

RT: 6.47 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF120514.D

Acq: 3 Jun 2020 17:24

Tot Ion	Ion	Ratio	Lower	Upper
99	100			
42	17.9	15.0	22.4	
71	32.4	26.3	39.5	

Instrument :

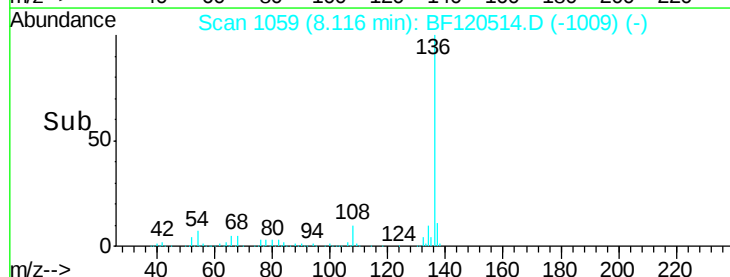
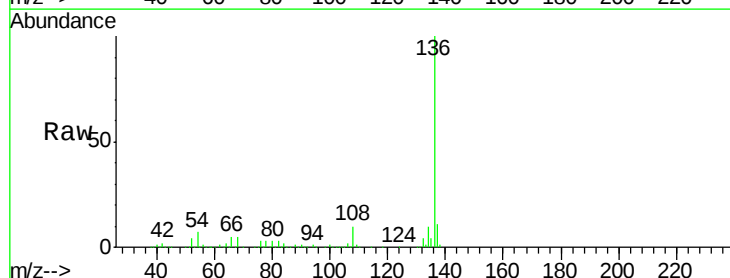
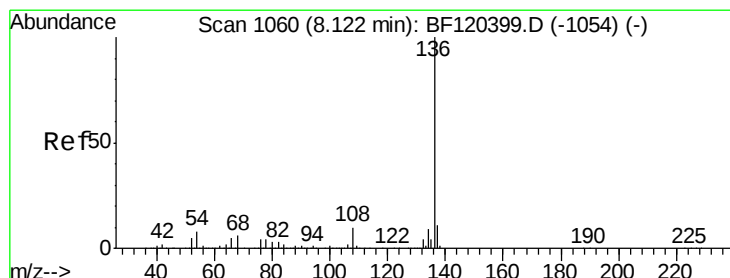
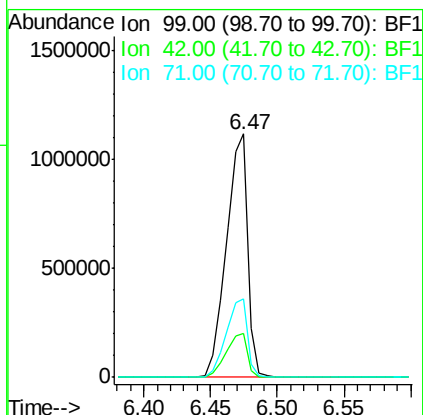
BNA_F

ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.000 ng

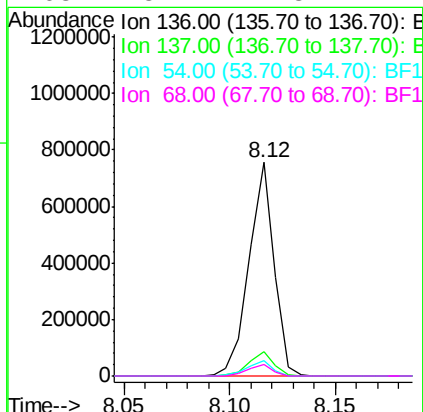
RT: 8.12 min Scan# 1059

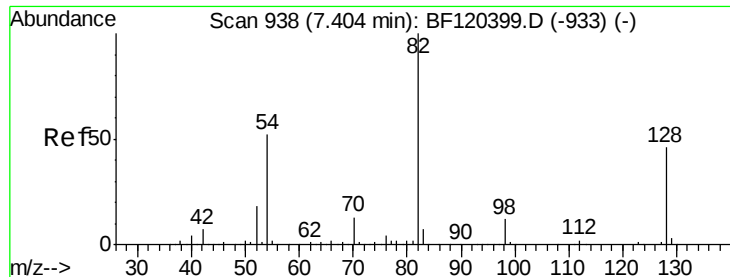
Delta R.T. -0.01 min

Lab File: BF120514.D

Acq: 3 Jun 2020 17:24

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	11.4	9.0	13.4	
54	7.2	6.0	9.0	
68	5.2	4.8	7.2	





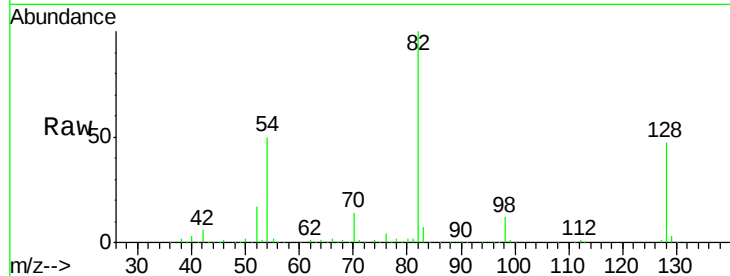
#23
Nitrobenzene-d5
Concen: 90.804 ng
RT: 7.40 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF120514.D
Acq: 3 Jun 2020 17:24

Instrument :
BNA_F
ClientSampleId :
NM20-COMP-2020-0-6

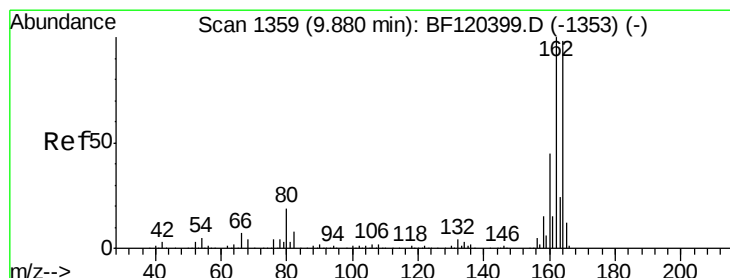
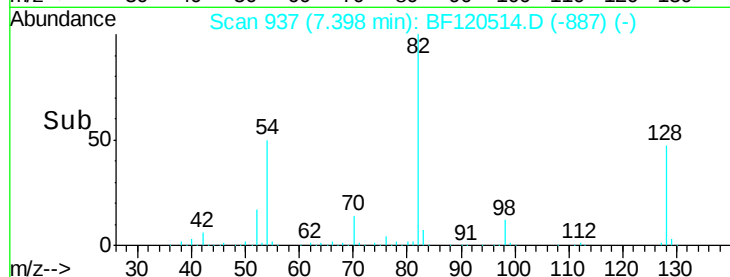
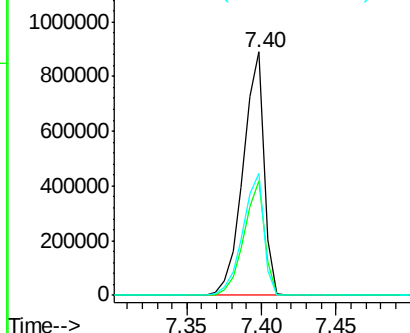
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	37.4	56.0
54	50.0	40.7	61.1

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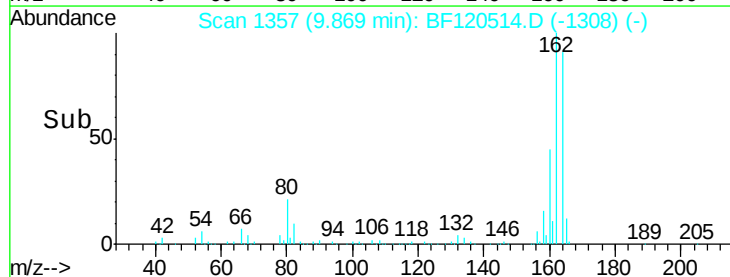
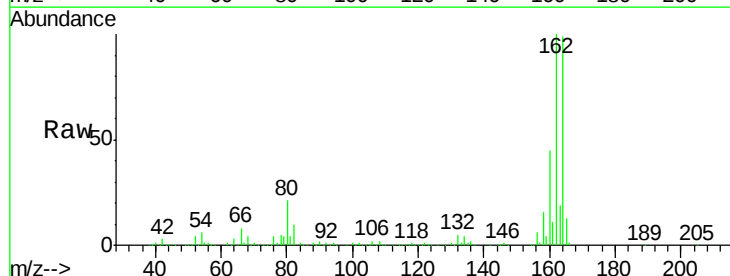
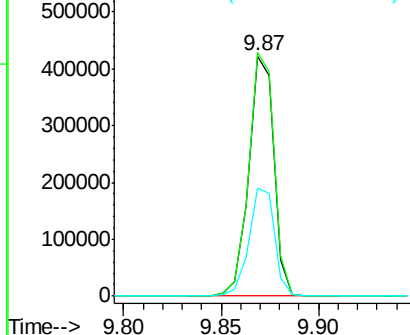
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Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

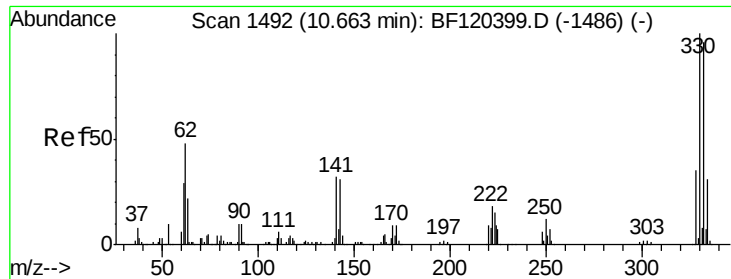


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF120514.D
Acq: 3 Jun 2020 17:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.8	122.6
160	45.2	37.3	55.9

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





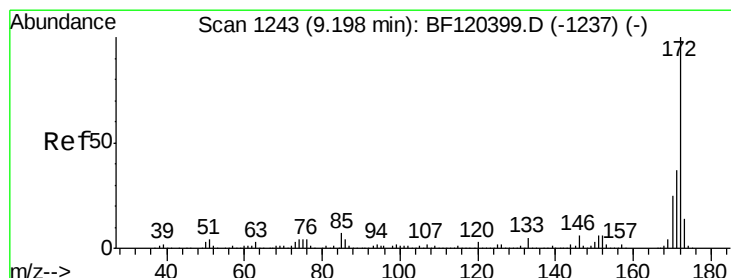
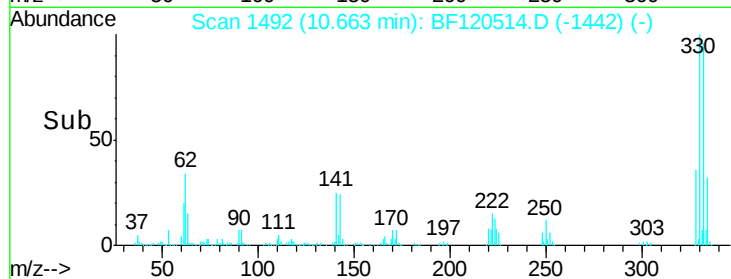
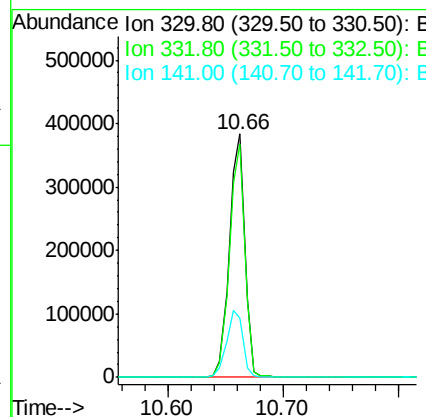
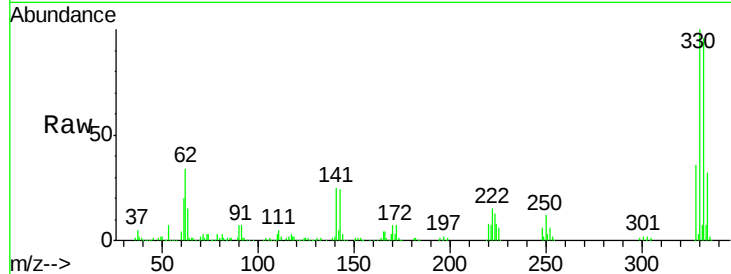
#42
 2,4,6-Tribromophenol
 Concen: 102.092 ng
 RT: 10.66 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF120514.D
 Acq: 3 Jun 2020 17:24

Instrument :
 BNA_F
 ClientSampleId :
 NM20-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	357193		
332	95.9	77.4	116.2	
141	29.4	23.5	35.3	

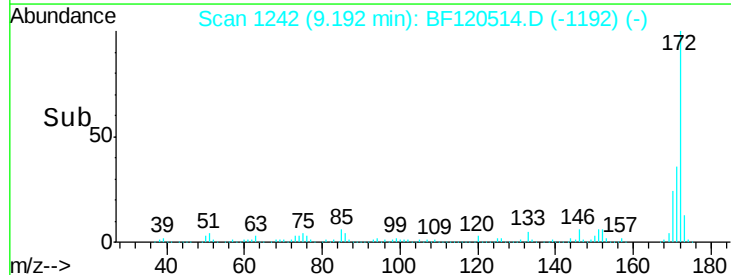
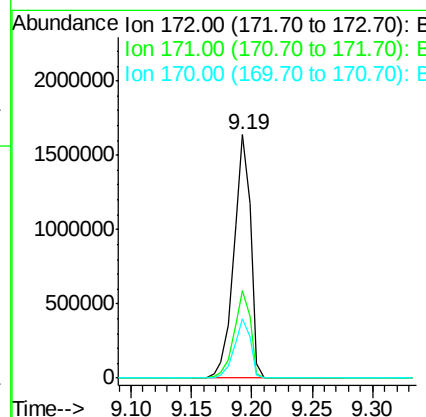
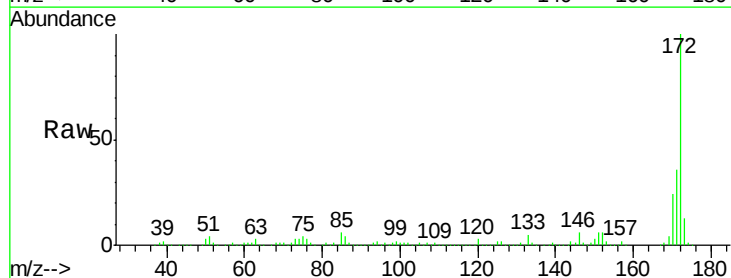
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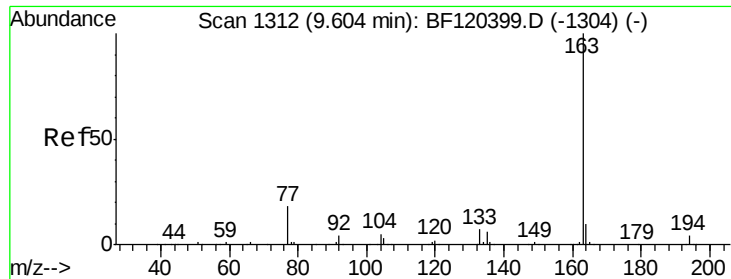
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#45
 2-Fluorobiphenyl
 Concen: 70.582 ng
 RT: 9.19 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF120514.D
 Acq: 3 Jun 2020 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1570857		
171	36.0	29.2	43.8	
170	24.2	20.1	30.1	





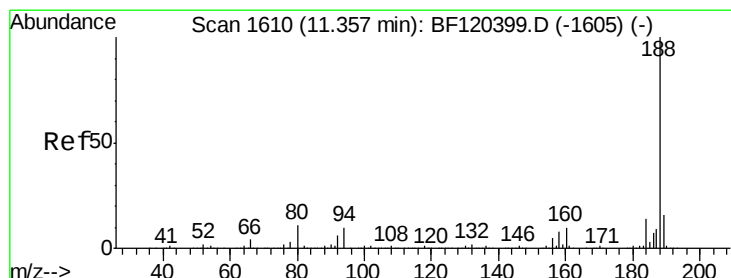
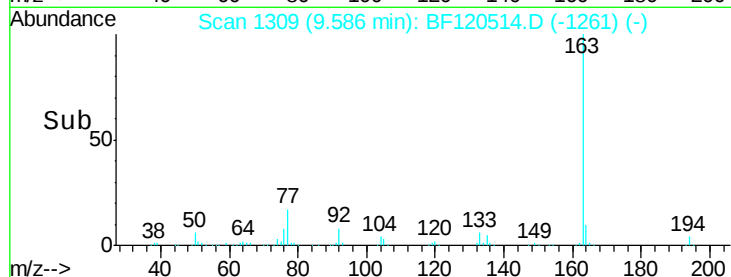
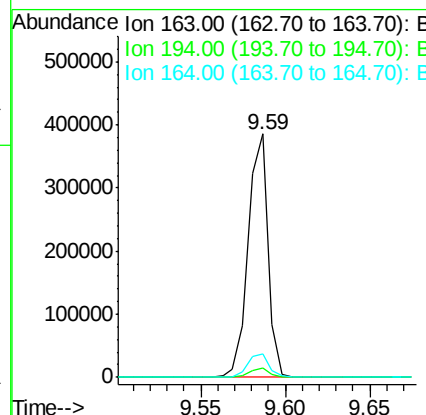
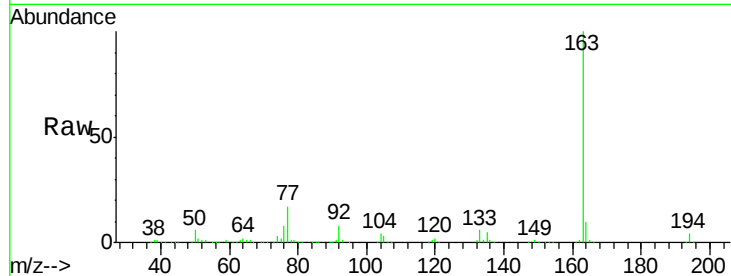
#50
Dimethylphthalate
Concen: 13.450 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF120514.D
Acq: 3 Jun 2020 17:24

Instrument :
BNA_F
ClientSampleId :
NM20-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	317525		
194	3.9		3.1	4.7
164	9.8		8.2	12.4

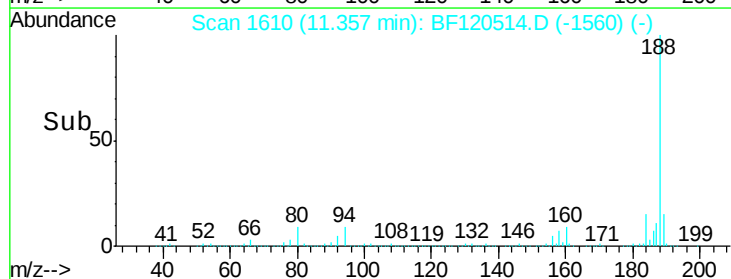
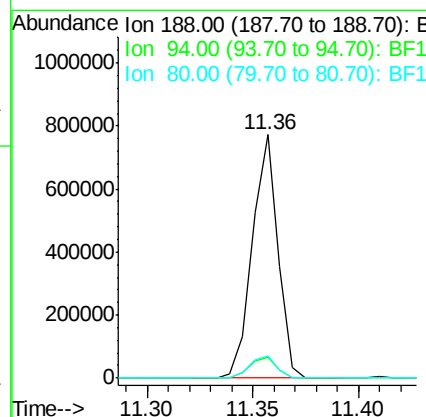
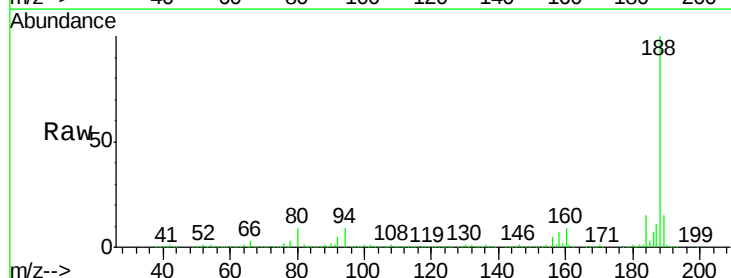
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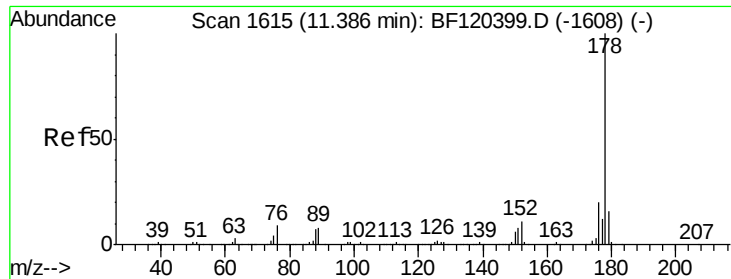
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF120514.D
Acq: 3 Jun 2020 17:24

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	648216		
94	8.8		7.5	11.3
80	9.3		7.9	11.9





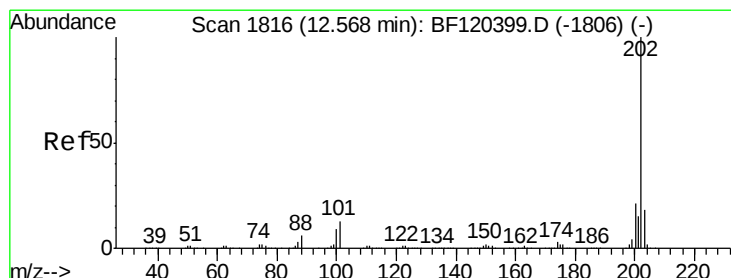
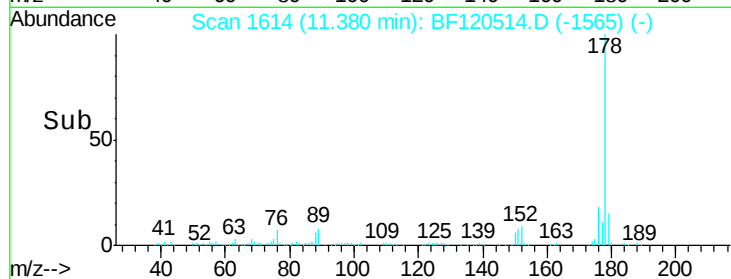
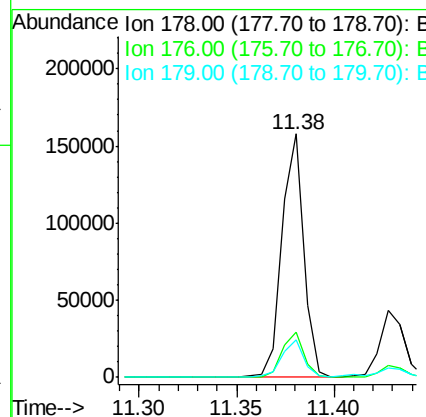
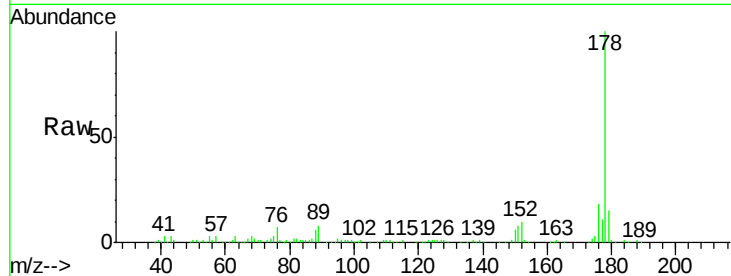
#71
Phenanthrene
Concen: 4.289 ng
RT: 11.38 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF120514.D
Acq: 3 Jun 2020 17:24

Instrument :
BNA_F
ClientSampleId :
NM20-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.6	24.8
179	15.2	13.0	19.4

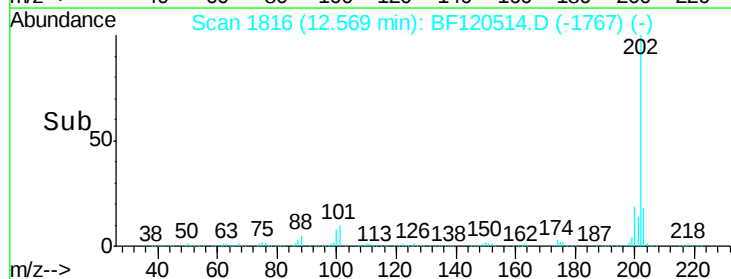
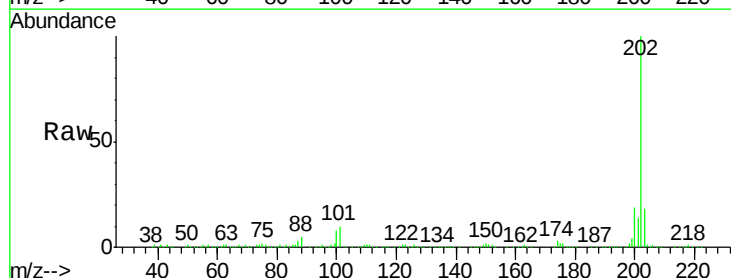
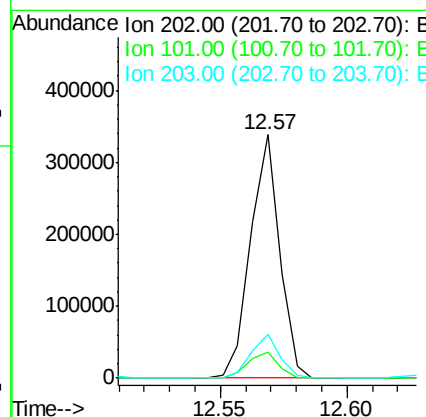
Manual Integrations
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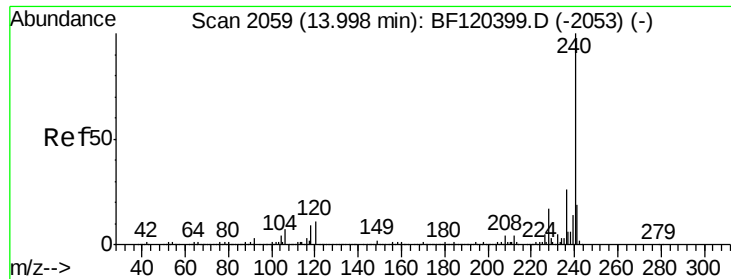
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#75
Fluoranthene
Concen: 8.784 ng
RT: 12.57 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF120514.D
Acq: 3 Jun 2020 17:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.4
203	17.9	0.0	38.2





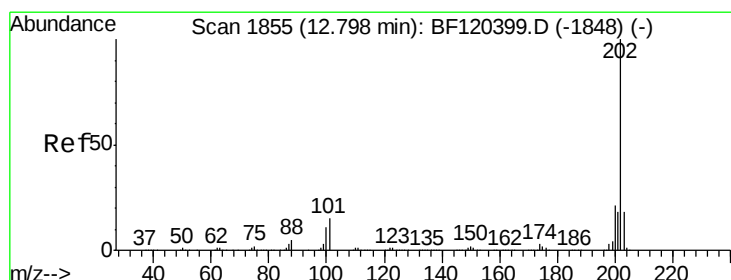
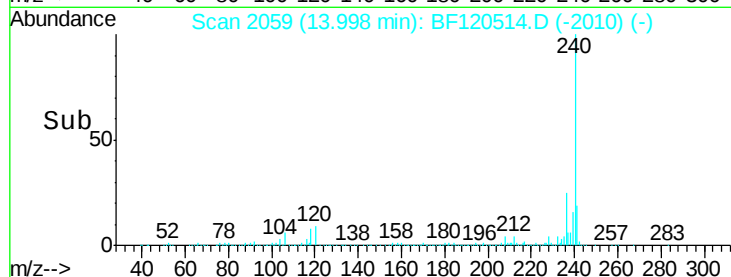
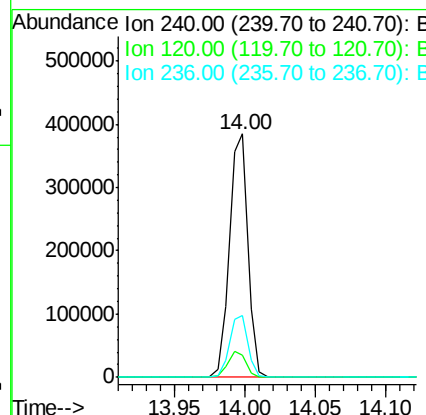
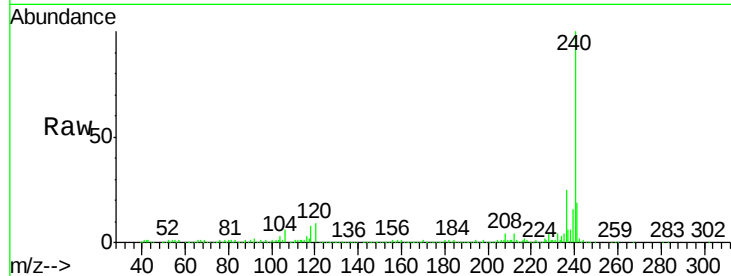
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BF120514.D
Acq: 3 Jun 2020 17:24

Instrument :
BNA_F
ClientSampleId :
NM20-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.9	7.9	11.9
236	25.4	21.1	31.7

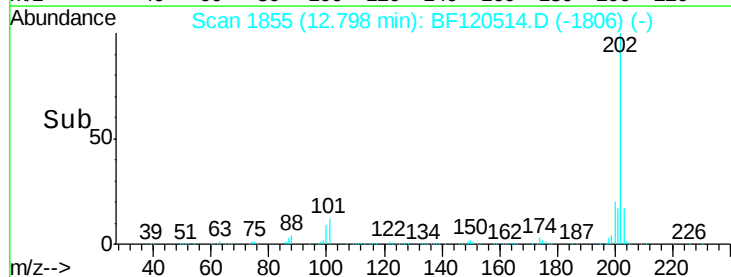
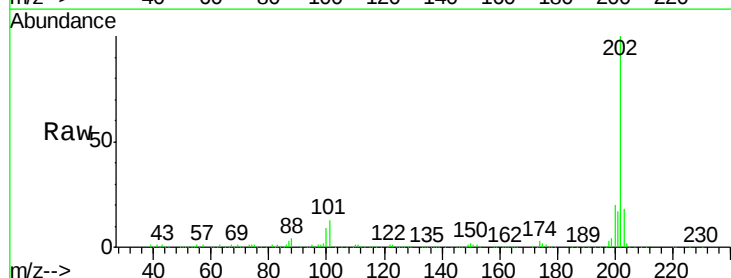
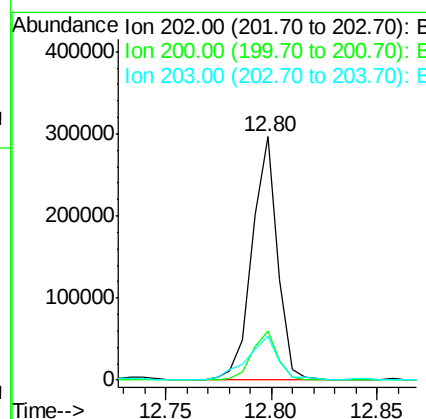
Manual Integrations
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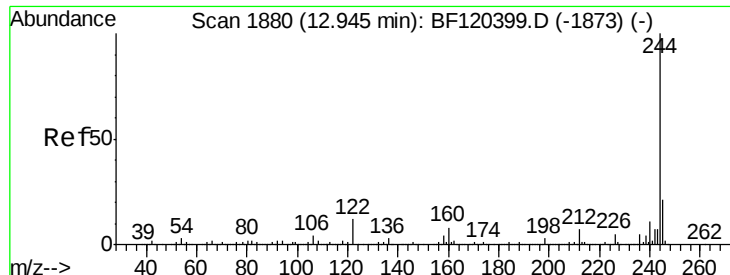
mohammad
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#78
Pyrene
Concen: 10.166 ng
RT: 12.80 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF120514.D
Acq: 3 Jun 2020 17:24

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.3	25.9
203	17.8	14.5	21.7





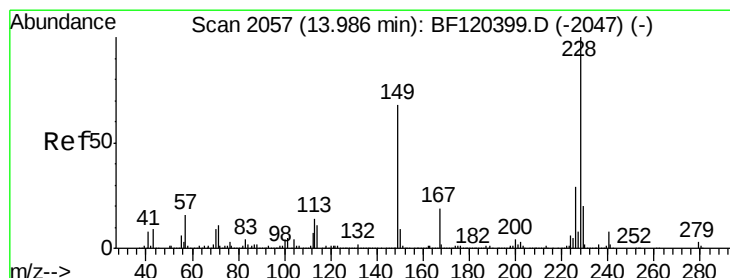
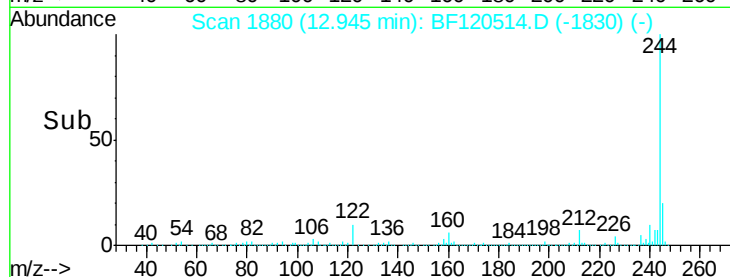
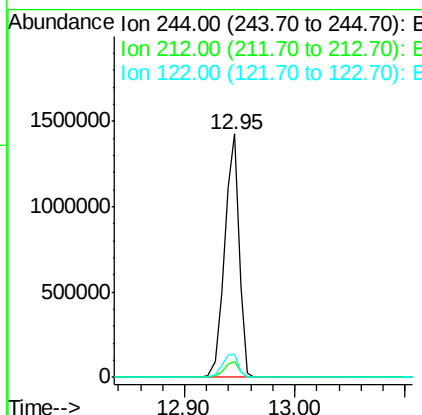
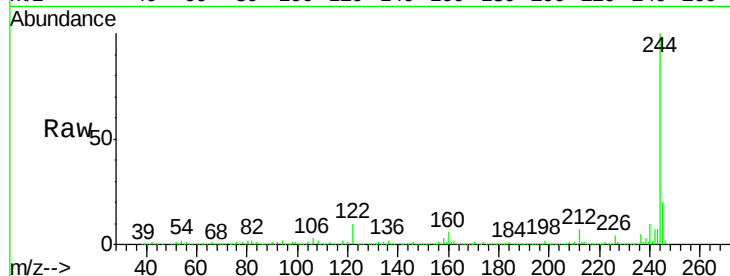
#79
 Terphenyl-d14
 Concen: 83.376 ng
 RT: 12.95 min Scan# 1880
 Delta R.T. -0.01 min
 Lab File: BF120514.D
 Acq: 3 Jun 2020 17:24

Instrument :
 BNA_F
 ClientSampleId :
 NM20-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.8
122	9.8	8.2	12.4

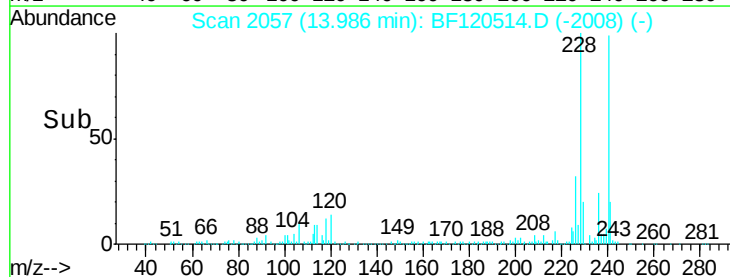
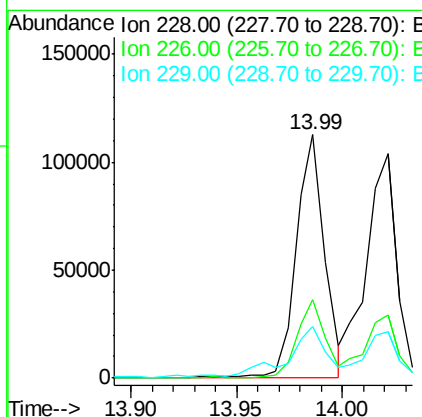
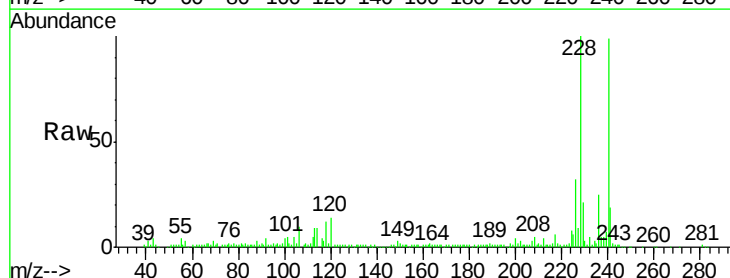
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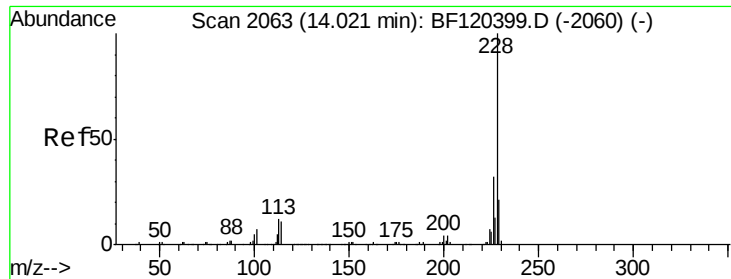
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#81
 Benzo(a)anthracene
 Concen: 5.636 ng
 RT: 13.99 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BF120514.D
 Acq: 3 Jun 2020 17:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	22.7	34.1
229	21.1	16.3	24.5





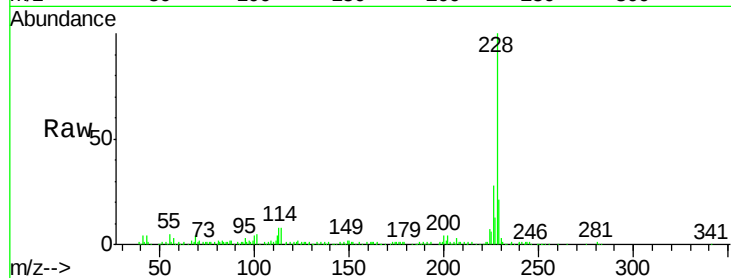
#83
Chrysene
Concen: 5.341 ng
RT: 14.02 min Scan# 2063
Delta R.T. -0.02 min
Lab File: BF120514.D
Acq: 3 Jun 2020 17:24

Instrument :
BNA_F
ClientSampleId :
NM20-COMP-2020-0-6

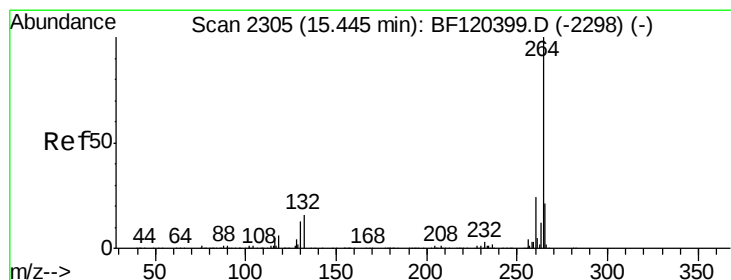
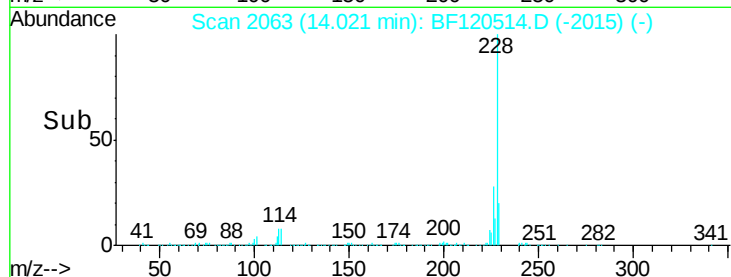
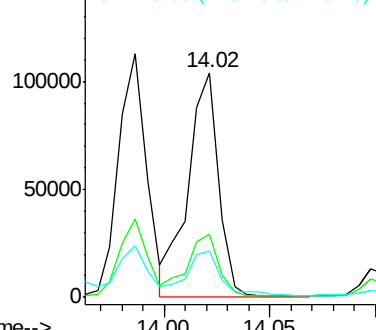
Tot Ion:	228	Resp:	104689
Ion Ratio	Lower	Upper	
228	100		
226	28.1	25.2	37.8
229	20.9	16.1	24.1

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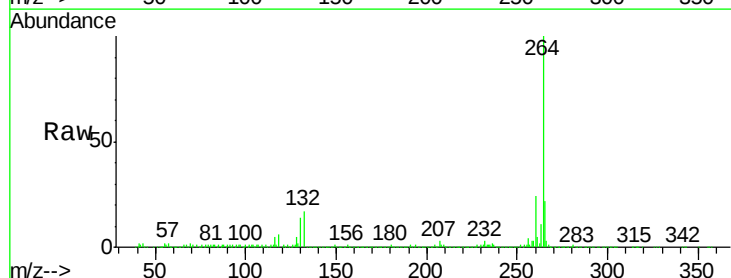


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

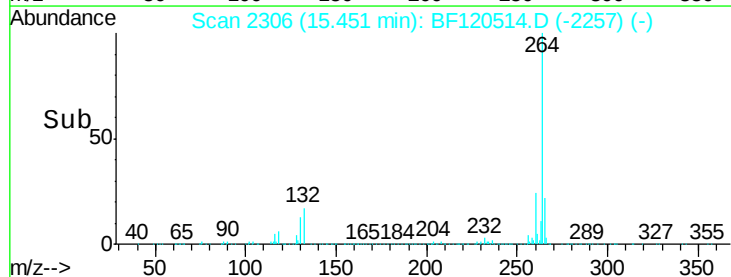
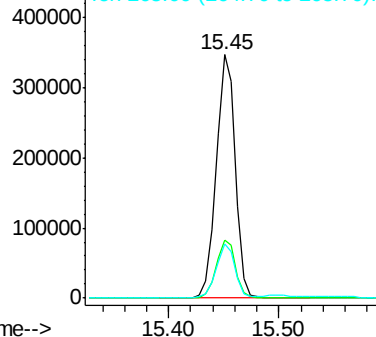


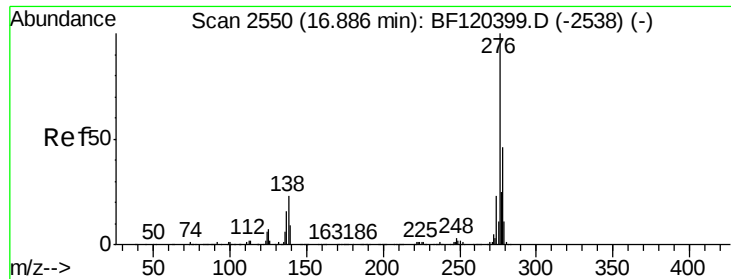
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BF120514.D
Acq: 3 Jun 2020 17:24

Tgt Ion:	264	Resp:	420492
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.8	29.8
265	22.0	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





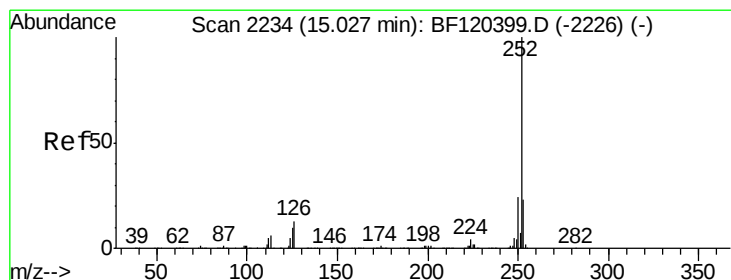
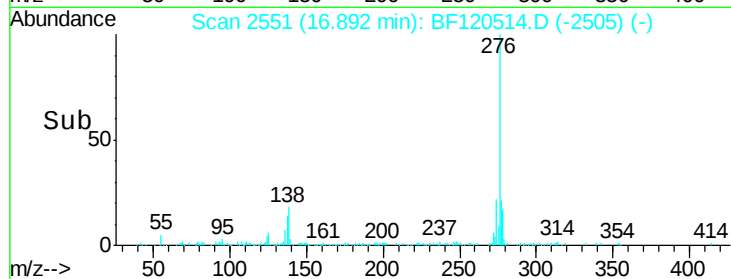
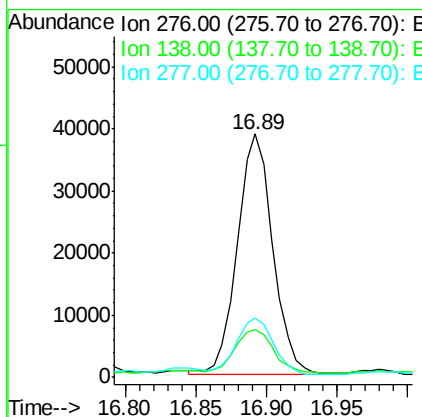
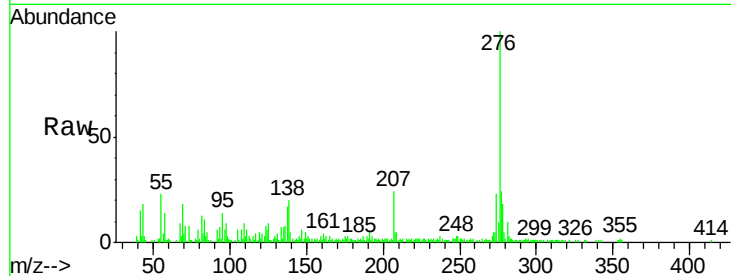
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.959 ng
 RT: 16.89 min Scan# 2551
 Delta R.T. -0.03 min
 Lab File: BF120514.D
 Acq: 3 Jun 2020 17:24

Instrument :
 BNA_F
 ClientSampleId :
 NM20-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.8	19.2	28.8
277	25.4	20.4	30.6

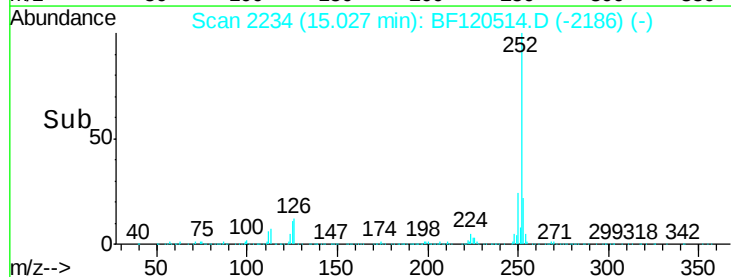
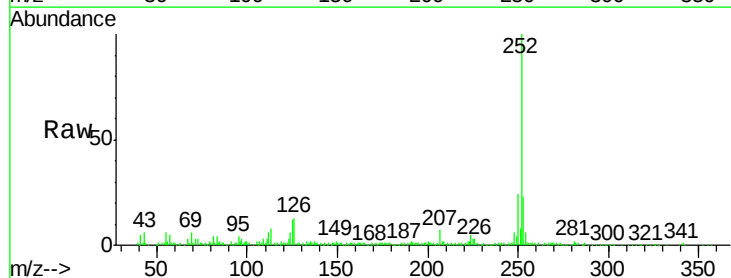
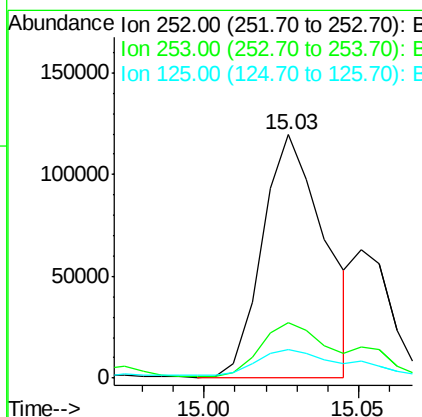
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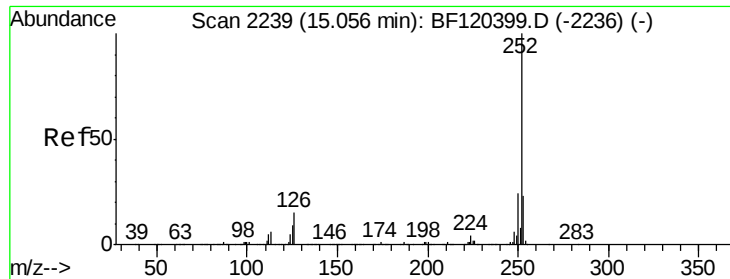
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#88
 Benzo(b)fluoranthene
 Concen: 7.209 ng m
 RT: 15.03 min Scan# 2234
 Delta R.T. -0.02 min
 Lab File: BF120514.D
 Acq: 3 Jun 2020 17:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	11.7	7.6	11.4#





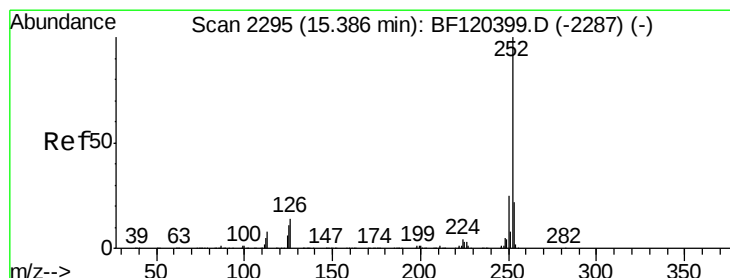
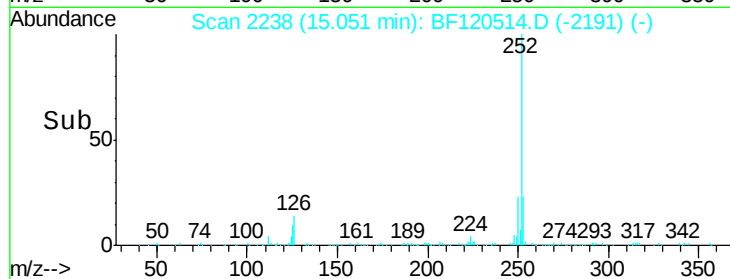
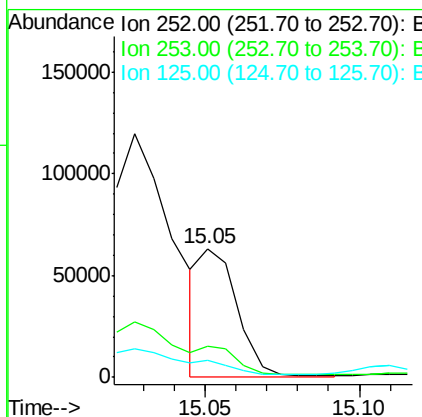
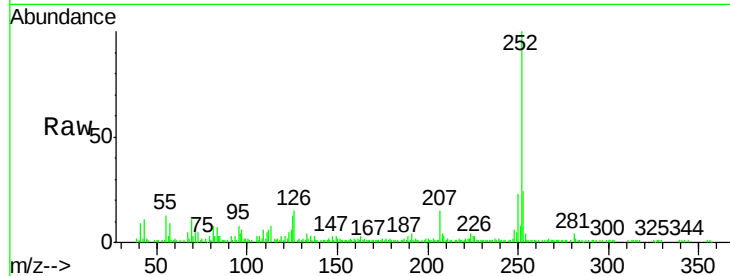
#89
Benzo(k)fluoranthene
Concen: 2.473 ng m
RT: 15.05 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF120514.D
Acq: 3 Jun 2020 17:24

Instrument :
BNA_F
ClientSampleId :
NM20-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.6	26.4
125	13.2	7.5	11.3

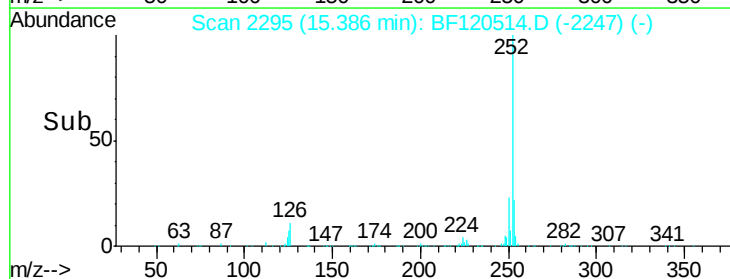
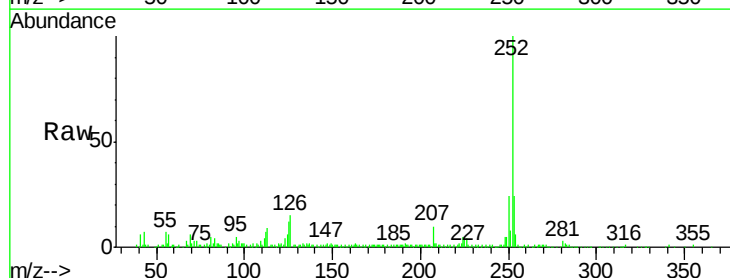
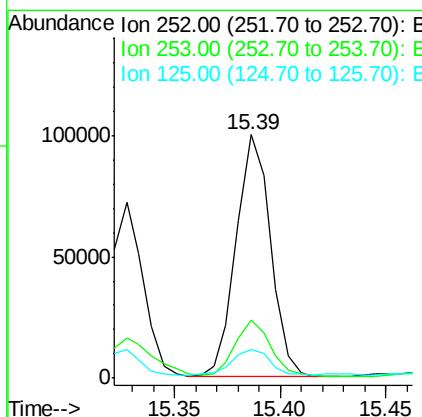
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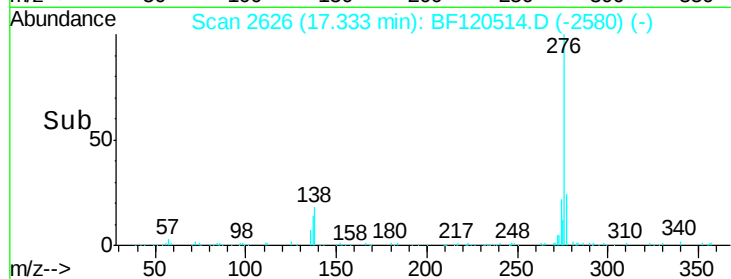
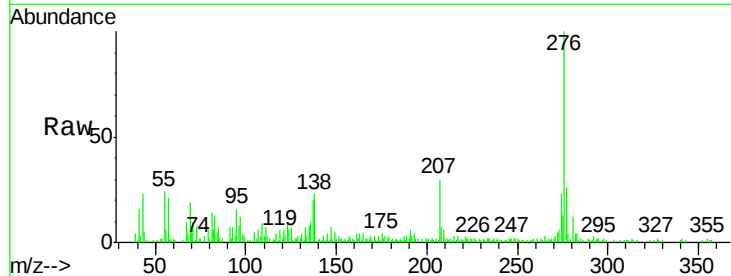
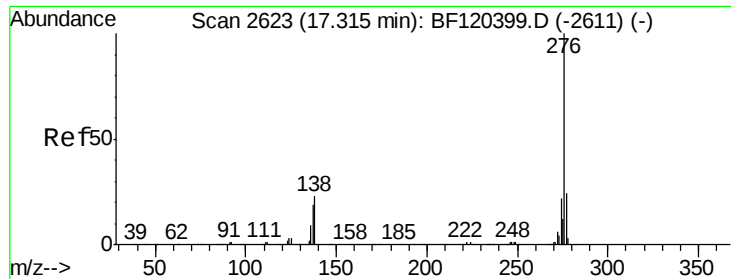
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#90
Benzo(a)pyrene
Concen: 5.517 ng
RT: 15.39 min Scan# 2295
Delta R.T. -0.02 min
Lab File: BF120514.D
Acq: 3 Jun 2020 17:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	11.9	9.2	13.8





#92
 Benzo(a,h,i)perylene
 Concen: 3.370 ng
 RT: 17.33 min Scan# 2626
 Delta R.T. -0.03 min
 Lab File: BF120514.D
 Acq: 3 Jun 2020 17:24

Instrument :
 BNA_F
 ClientSampleId :
 NM20-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.4	29.2
138	23.1	16.6	25.0

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