

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
 Data File : BF121389.D
 Acq On : 22 Aug 2020 2:27
 Operator : JU/CG
 Sample : L3720-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MP-081920-B10-0-2-COMP

Manual Integrations
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Quant Time: Aug 22 03:48:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	142227	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	535730	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	245277	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	385586	20.00	ng	0.00
76) Chrysene-d12	13.85	240	313130	20.00	ng	0.00
86) Perylene-d12	15.27	264	338952	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	725275	83.62	ng	0.01
7) Phenol-d6	6.35	99	868652	78.45	ng	0.00
23) Nitrobenzene-d5	7.26	82	566095	59.76	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	195100	68.26	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	975646	74.81	ng	0.00
79) Terphenyl-d14	12.80	244	743619	46.41	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	9.45	163	225003	12.609	ng	99
71) Phenanthrene	11.24	178	165460	8.291	ng	98
72) Anthracene	11.29	178	39285	2.044	ng	97
75) Fluoranthene	12.43	202	293612	13.555	ng	99
78) Pyrene	12.66	202	283108	12.036	ng	99
81) Benzo(a)anthracene	13.84	228	141736	7.288	ng	96
83) Chrysene	13.88	228	137520	6.914	ng	96
84) Bis(2-ethylhexyl)phthalate	13.83	149	79479	6.687	ng	99
87) Indeno(1,2,3-cd)pyrene	16.63	276	76818	3.713	ng	96
88) Benzo(b)fluoranthene	14.87	252	191976m	8.767	ng	
89) Benzo(k)fluoranthene	14.89	252	43233m	2.243	ng	
90) Benzo(a)pyrene	15.21	252	131078	6.928	ng	98
92) Benzo(a,h,i)perylene	17.04	276	72821	4.391	ng	96

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

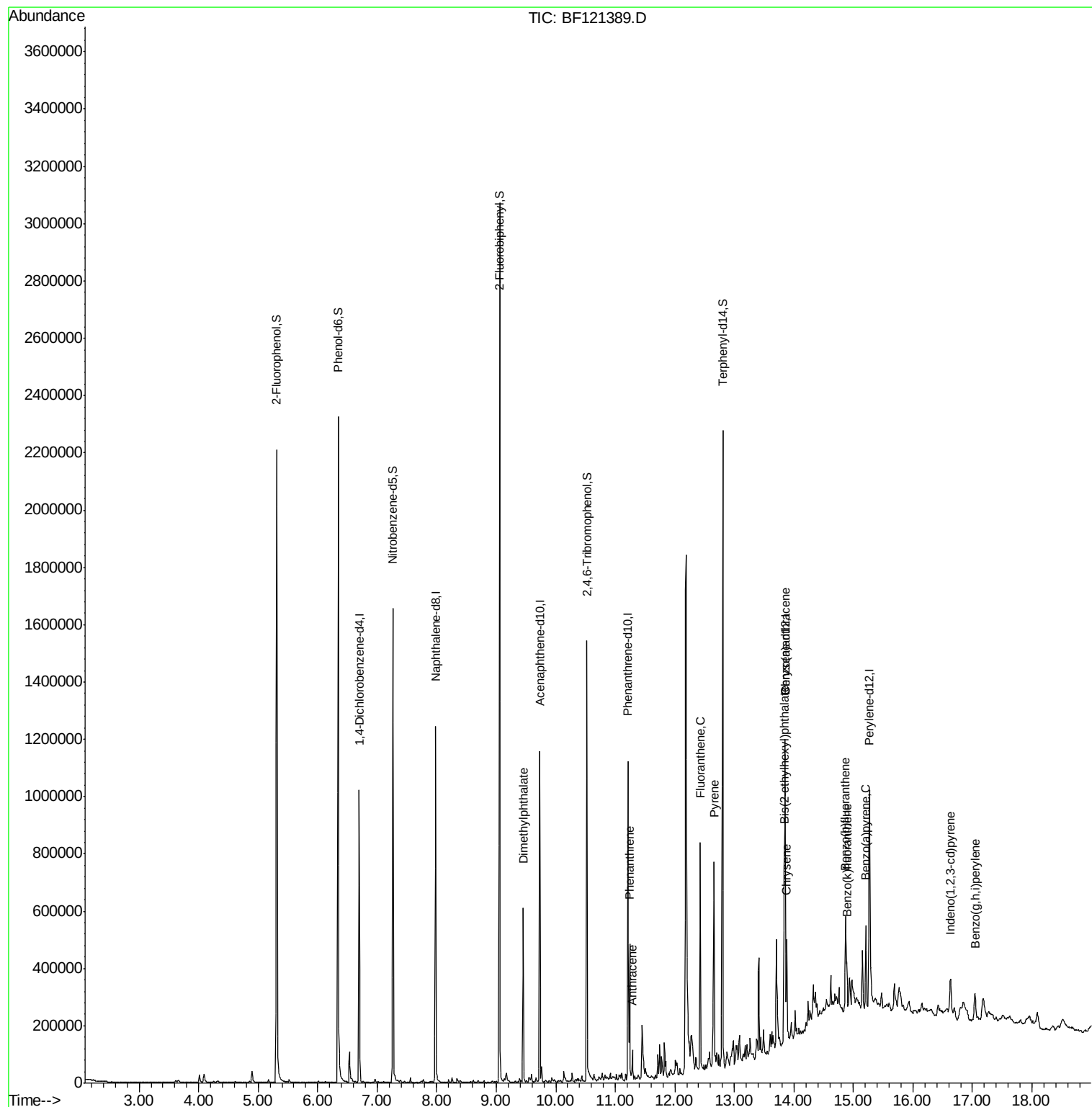
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
Data File : BF121389.D
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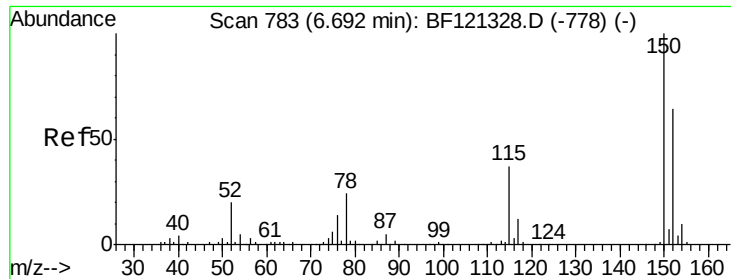
Instrument :
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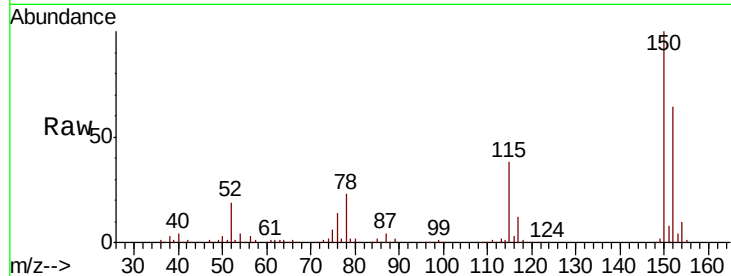
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF121389.D
 Acq: 22 Aug 2020 2:27

Instrument :
 BNA_F
 ClientSampleId :
 MP-081920-B10-0-2-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.8	187.2
115	58.9	46.1	69.1

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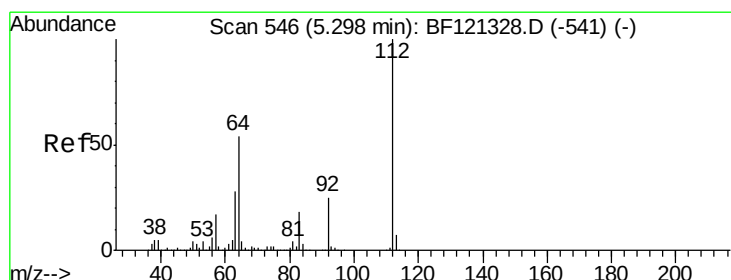
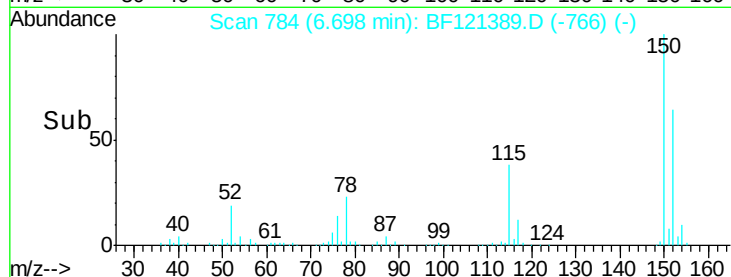
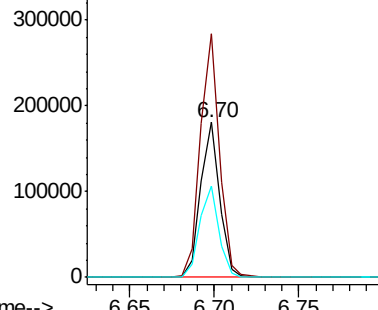


Abundance

Ion 152.00 (151.70 to 152.70): E

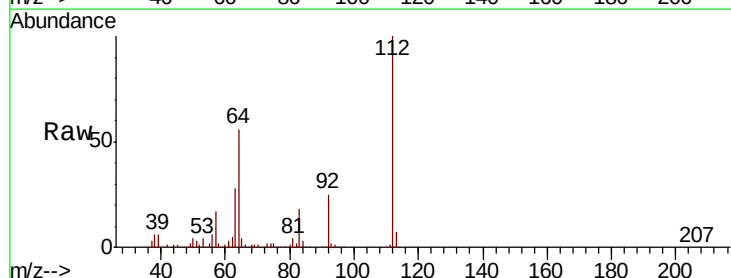
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 83.617 ng
 RT: 5.31 min Scan# 548
 Delta R.T. 0.01 min
 Lab File: BF121389.D
 Acq: 22 Aug 2020 2:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	43.5	65.3
63	28.4	22.0	33.0

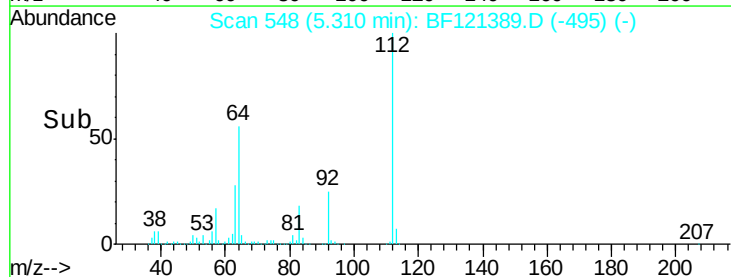
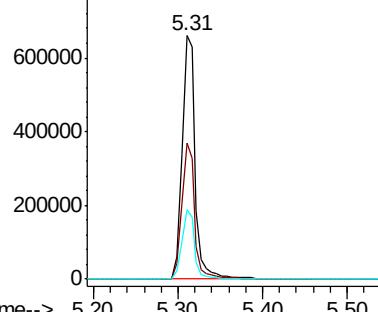


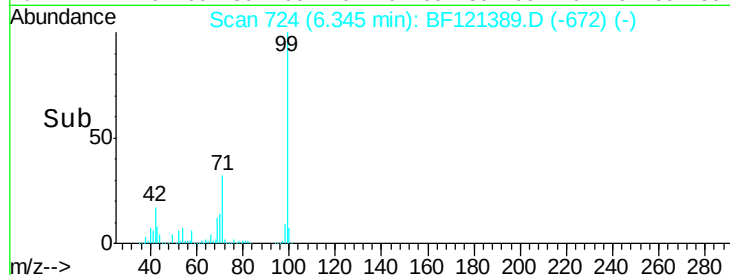
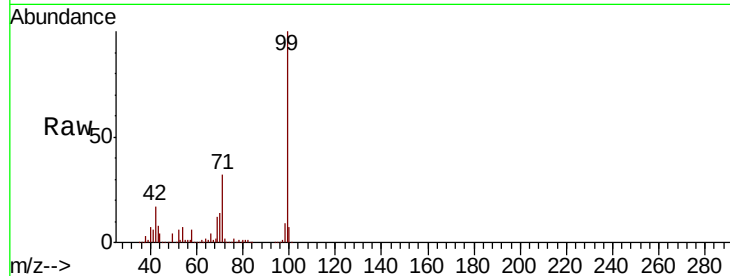
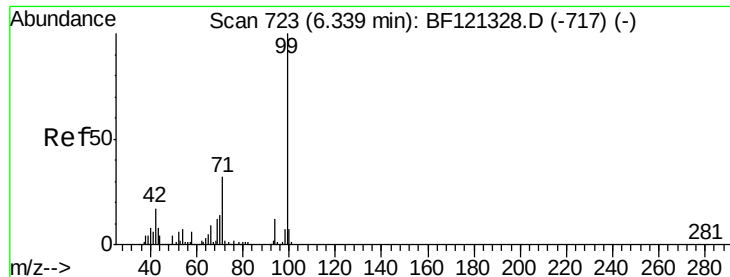
Abundance

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: 78.449 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF121389.D

Acq: 22 Aug 2020 2:27

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		868652		
42	16.9	13.5	20.3		
71	31.5	25.2	37.8		

Instrument :

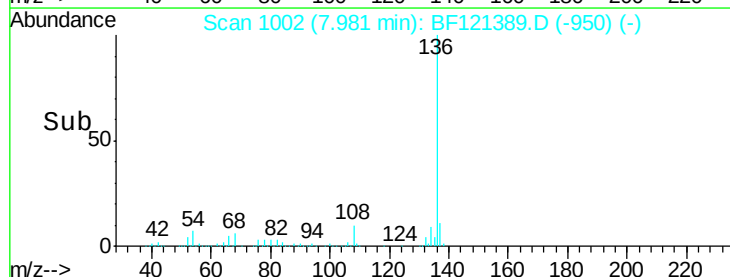
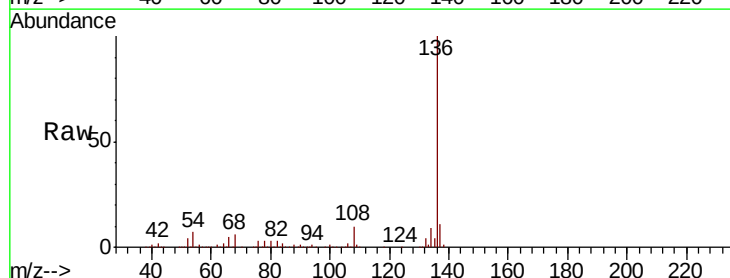
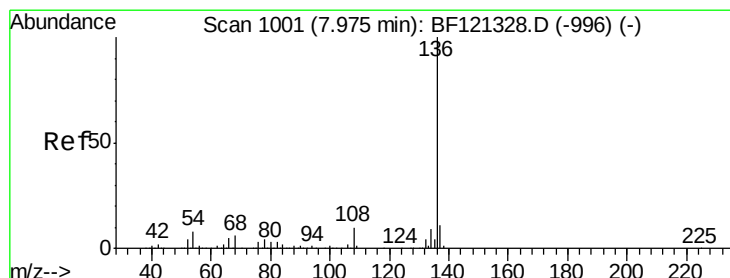
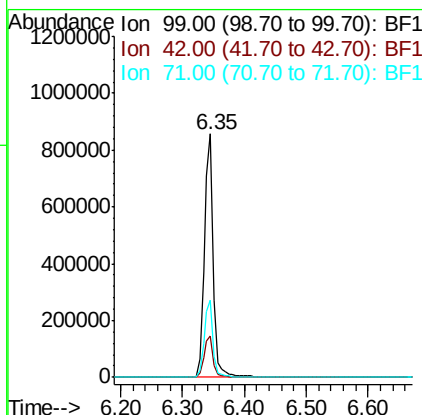
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ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.000 ng

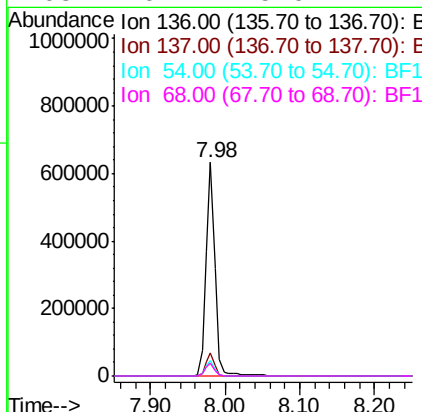
RT: 7.98 min Scan# 1002

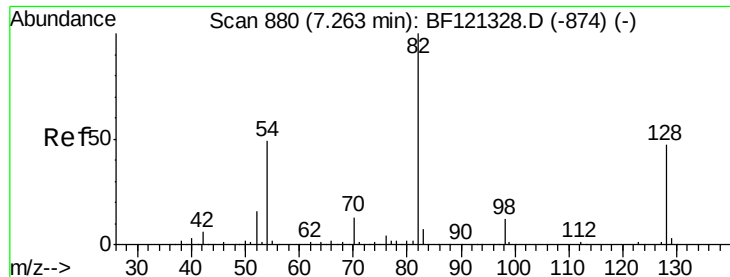
Delta R.T. 0.01 min

Lab File: BF121389.D

Acq: 22 Aug 2020 2:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		535730		
137	11.1	8.9	13.3		
54	7.4	6.1	9.1		
68	6.1	5.0	7.4		





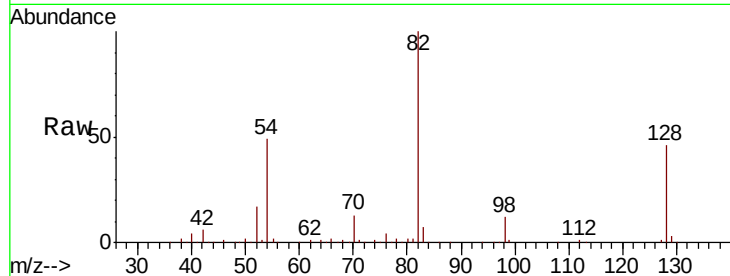
#23
 Nitrobenzene-d5
 Concen: 59.762 ng
 RT: 7.26 min Scan# 880
 Delta R.T. 0.00 min
 Lab File: BF121389.D
 Acq: 22 Aug 2020 2:27

Instrument :
 BNA_F
 ClientSampleId :
 MP-081920-B10-0-2-COMP

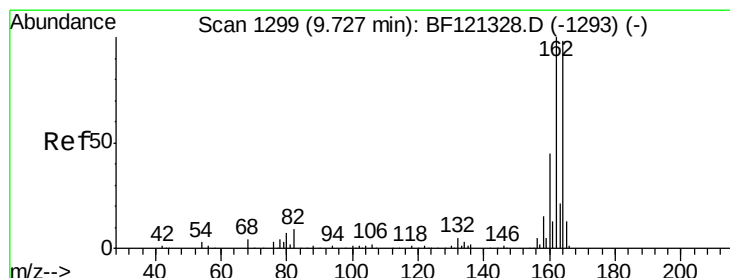
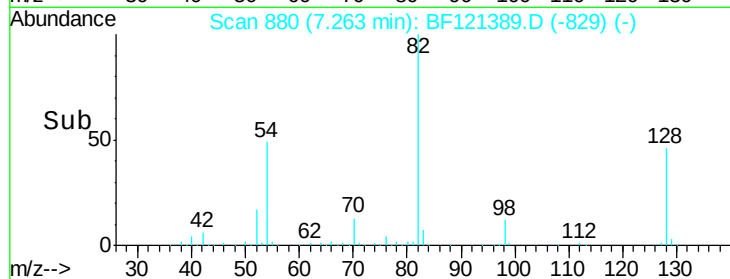
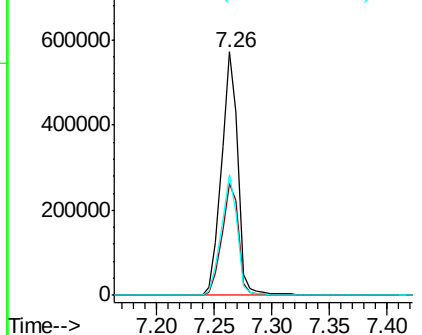
Tot Ion	82	Resp	566095
Ion Ratio	Lower	Upper	
82	100		
128	46.0	37.9	56.9
54	49.5	39.0	58.4

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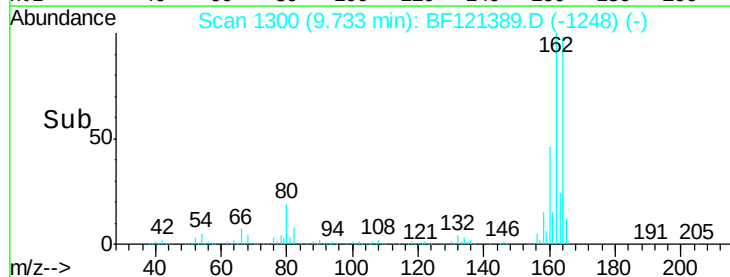
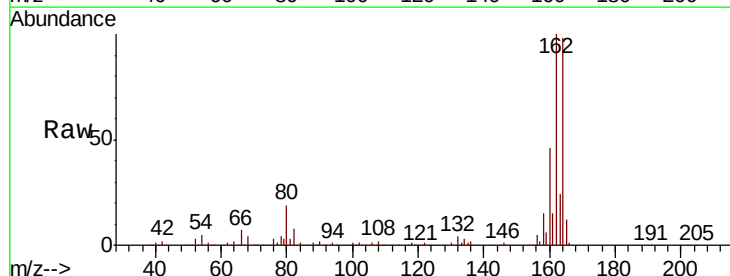
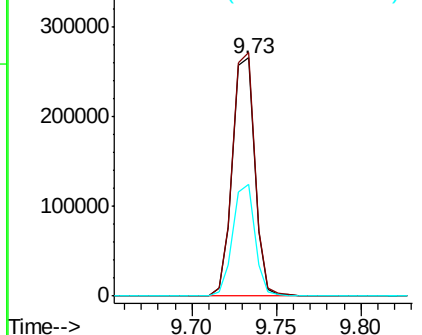
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

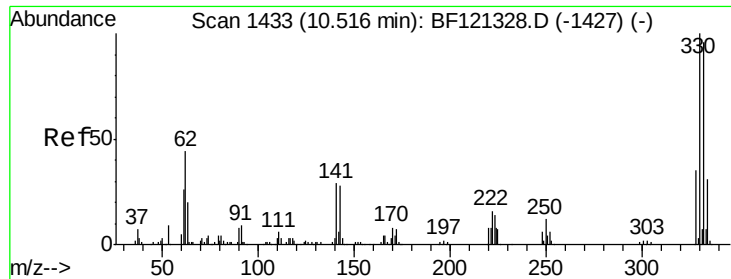


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.01 min
 Lab File: BF121389.D
 Acq: 22 Aug 2020 2:27

Tgt Ion	164	Resp	245277
Ion Ratio	Lower	Upper	
164	100		
162	102.3	81.7	122.5
160	46.8	37.0	55.4

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





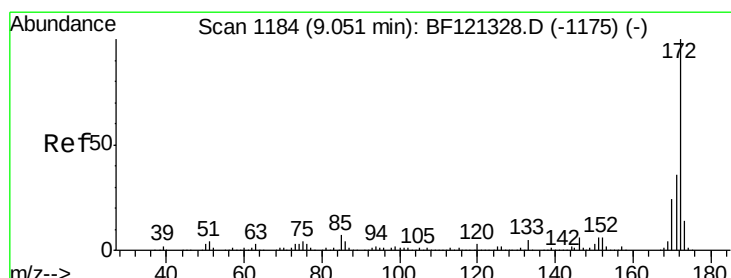
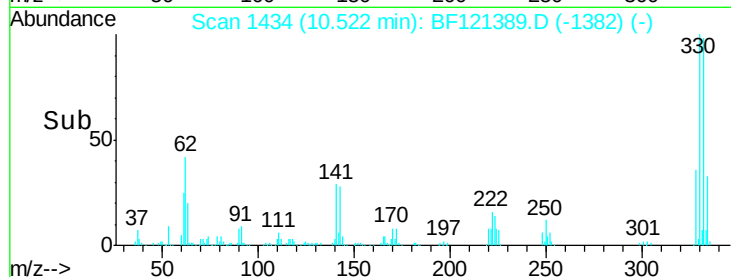
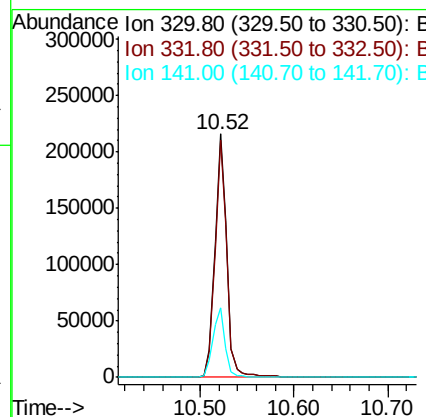
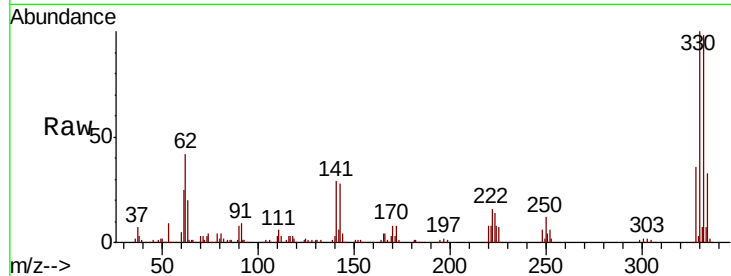
#42
 2,4,6-Tribromophenol
 Concen: 68.259 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF121389.D
 Acq: 22 Aug 2020 2:27

Instrument :
 BNA_F
 ClientSampleId :
 MP-081920-B10-0-2-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	195100		
332	96.9	76.9	115.3	
141	29.7	22.8	34.2	

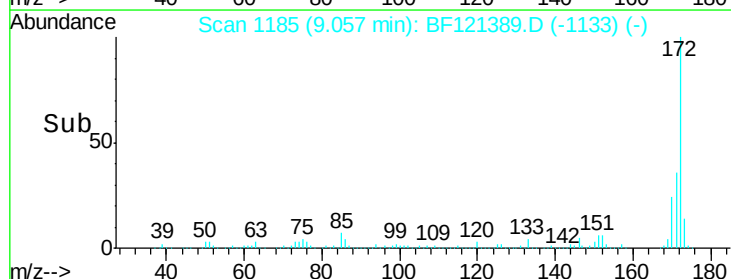
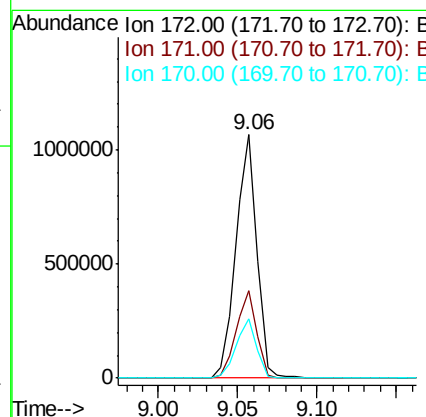
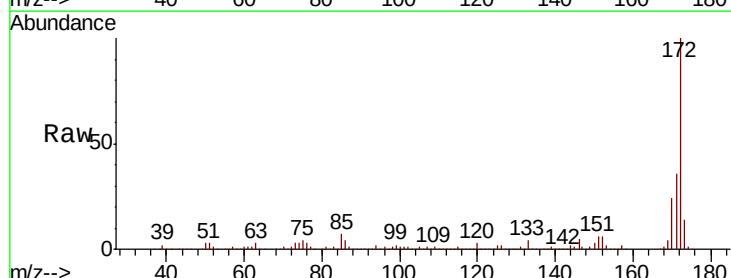
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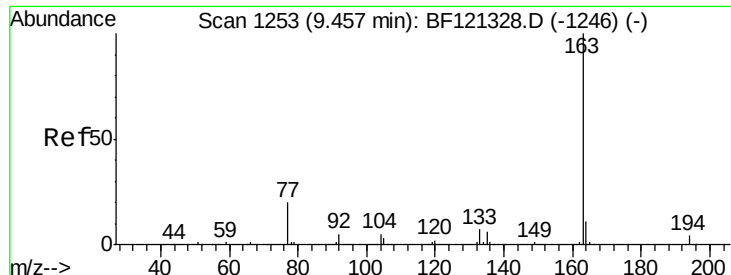
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#45
 2-Fluorobiphenyl
 Concen: 74.811 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF121389.D
 Acq: 22 Aug 2020 2:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	975646		
171	36.0	29.0	43.6	
170	24.3	19.4	29.2	





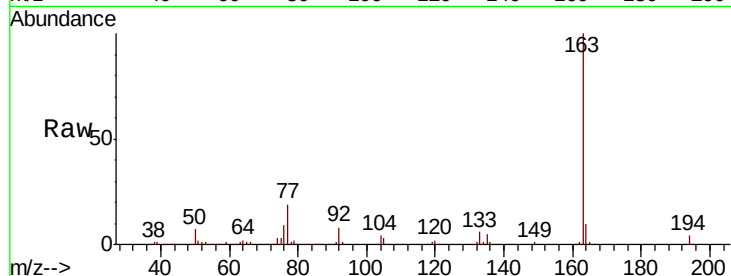
#50
Dimethylphthalate
Concen: 12.609 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF121389.D
Acq: 22 Aug 2020 2:27

Instrument :
BNA_F
ClientSampleId :
MP-081920-B10-0-2-COMP

Tot Ion	Ratio	Resp	Lower	Upper
163	100	225003		
194	3.5		3.0	4.6
164	10.2		8.4	12.6

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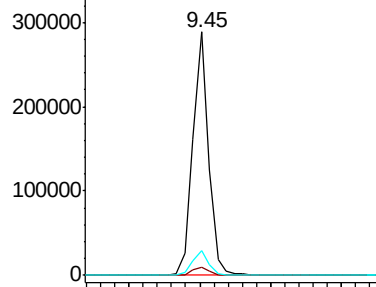


Abundance

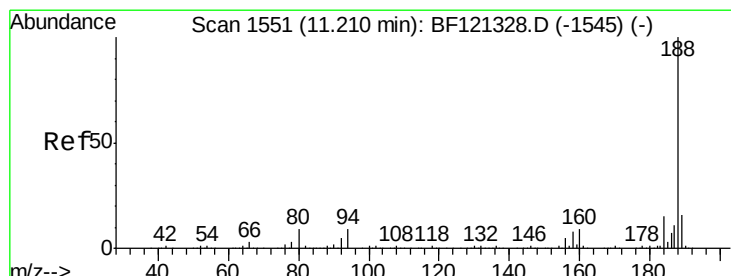
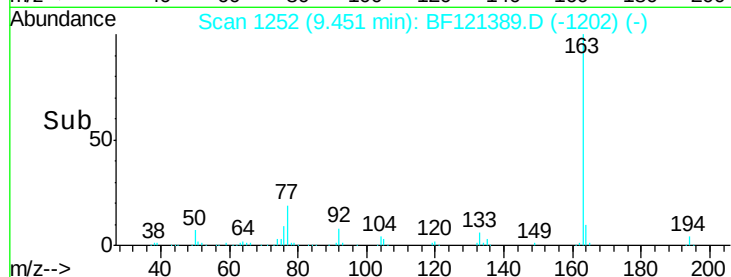
Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

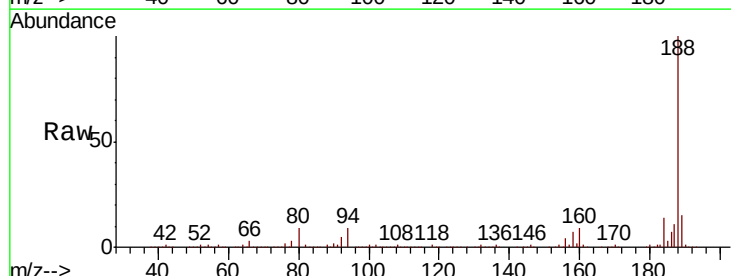


Time-->



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF121389.D
Acq: 22 Aug 2020 2:27

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	385586		
94	9.2		7.2	10.8
80	9.4		7.4	11.0

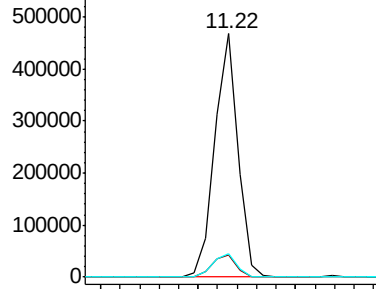


Abundance

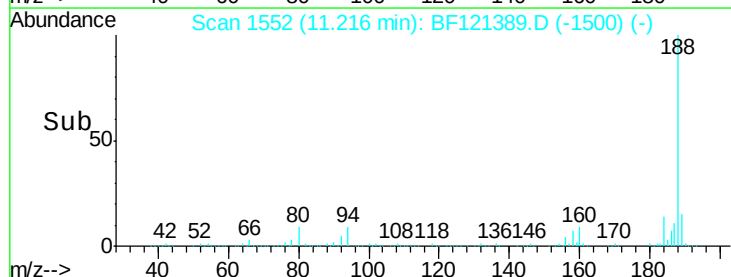
Ion 188.00 (187.70 to 188.70): E

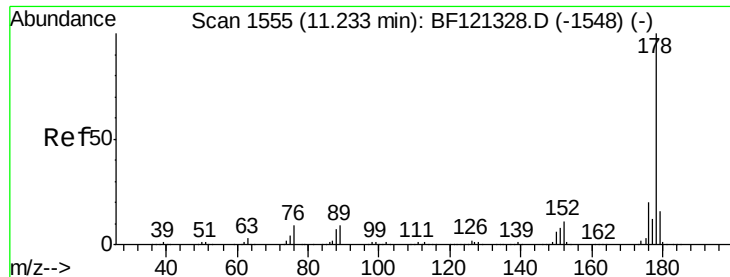
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->





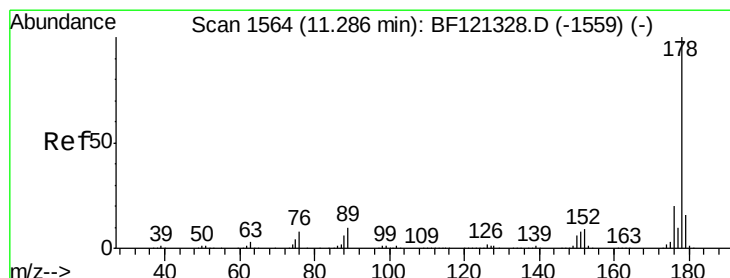
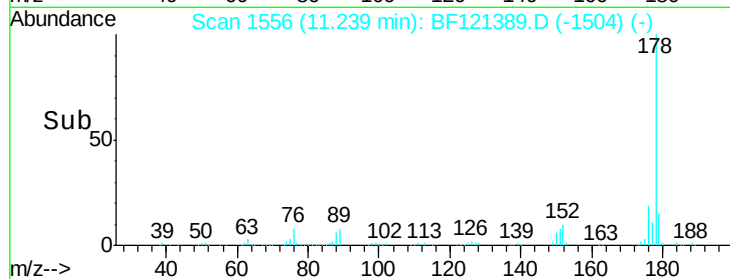
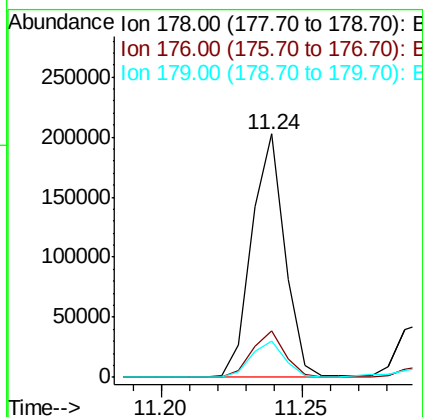
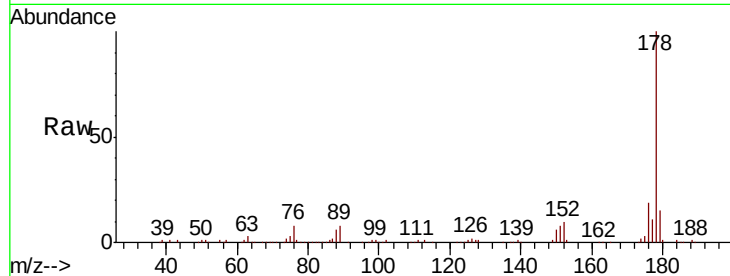
#71
Phenanthrene
Concen: 8.291 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BF121389.D
Acq: 22 Aug 2020 2:27

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.0	24.0
179	14.8	12.8	19.2

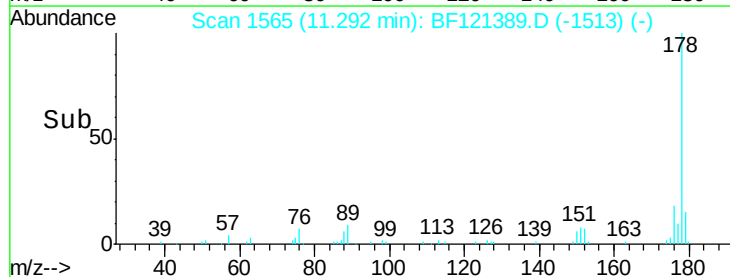
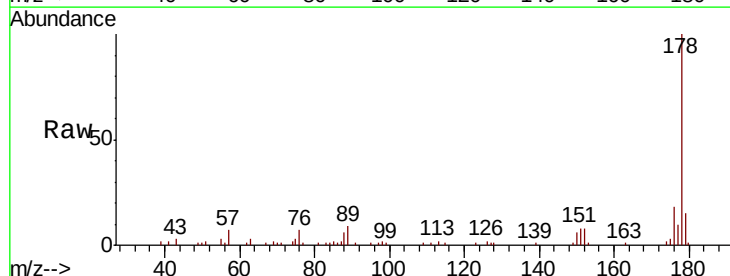
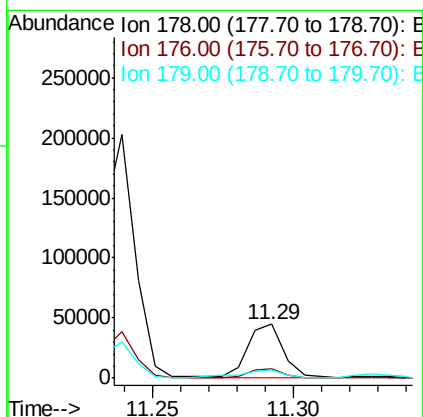
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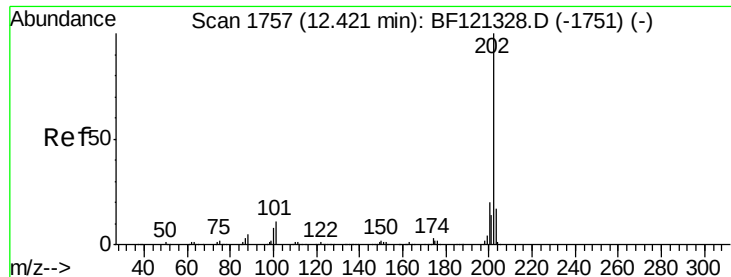
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#72
Anthracene
Concen: 2.044 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BF121389.D
Acq: 22 Aug 2020 2:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.6	23.4
179	15.2	12.8	19.2





#75

Fluoranthene

Concen: 13.555 ng

RT: 12.43 min Scan# 1758

Delta R.T. 0.01 min

Lab File: BF121389.D

Acq: 22 Aug 2020 2:27

Instrument :

BNA_F

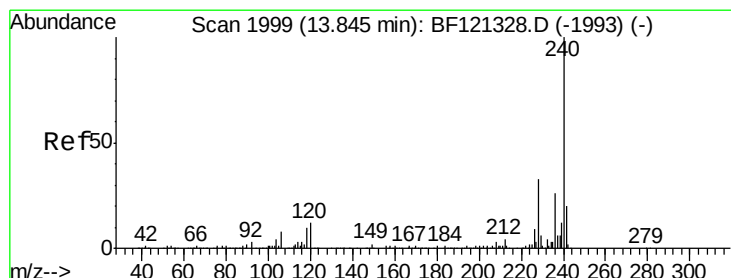
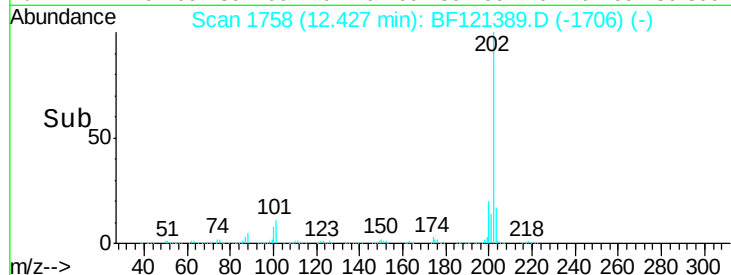
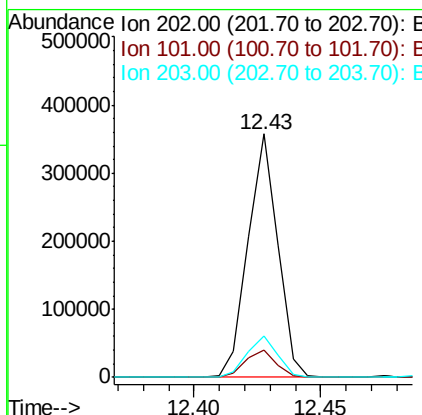
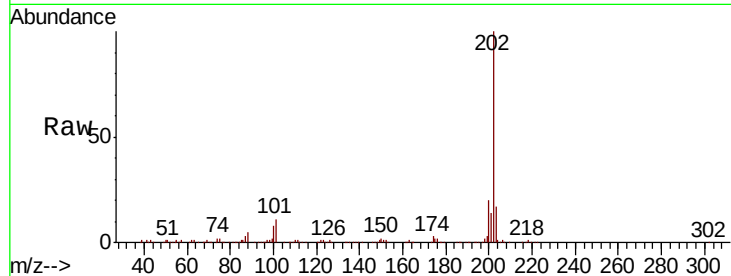
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		293612		
101	11.1	0.0	30.6		
203	17.0	0.0	37.5		

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

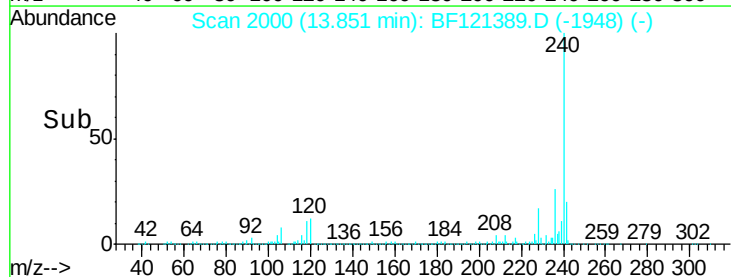
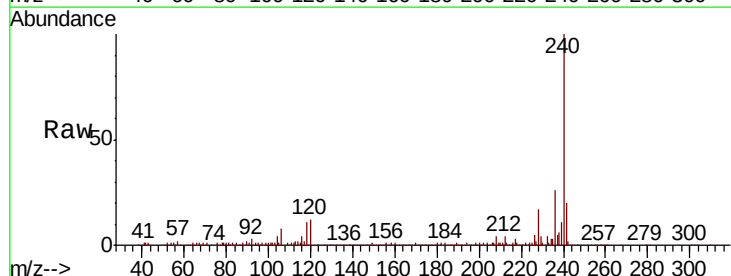
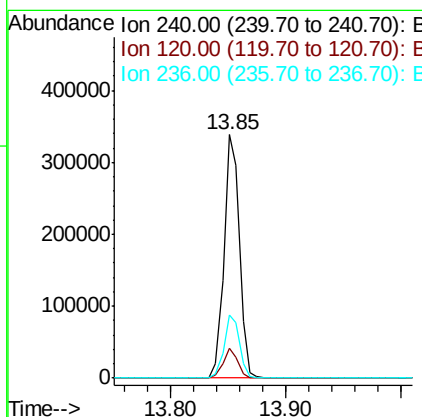
RT: 13.85 min Scan# 2000

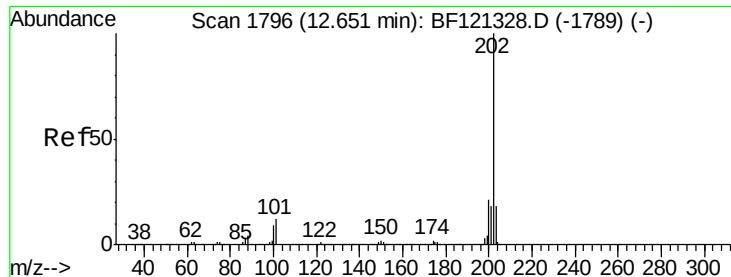
Delta R.T. 0.01 min

Lab File: BF121389.D

Acq: 22 Aug 2020 2:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		313130		
120	12.4	9.6	14.4		
236	26.0	20.6	31.0		





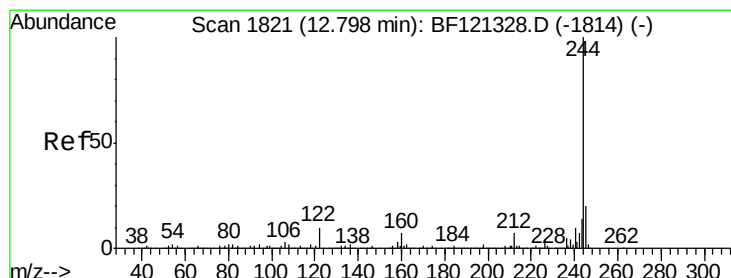
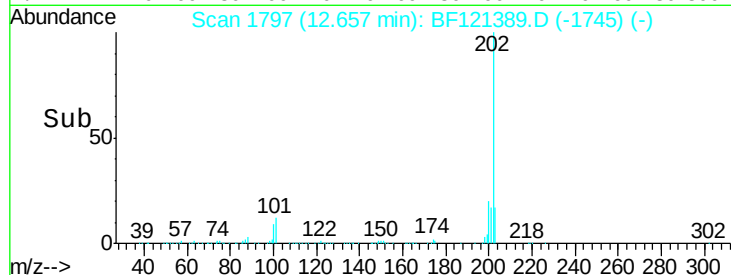
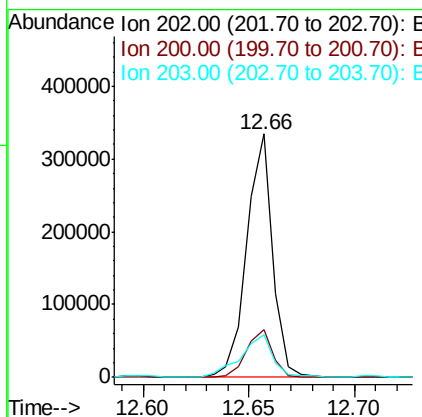
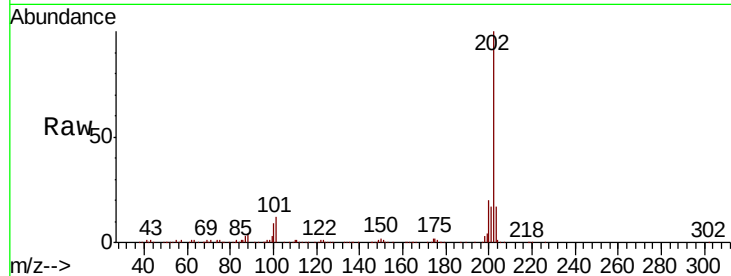
#78
Pvrene
Concen: 12.036 ng
RT: 12.66 min Scan# 1797
Delta R.T. 0.01 min
Lab File: BF121389.D
Acq: 22 Aug 2020 2:27

Instrument :
BNA_F
ClientSampleId :
MP-081920-B10-0-2-COMP

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.8	16.6	24.8
203	17.3	14.2	21.2

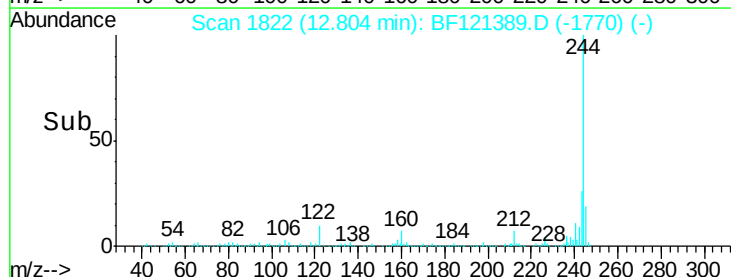
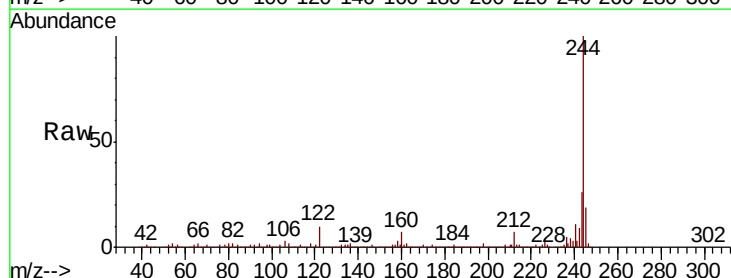
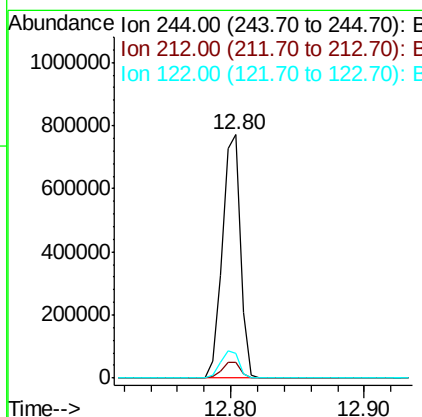
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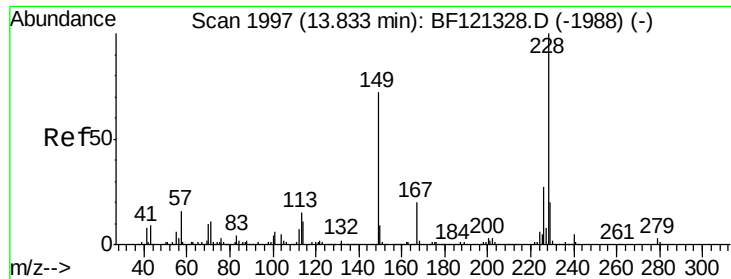
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#79
Terphenyl-d14
Concen: 46.407 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.01 min
Lab File: BF121389.D
Acq: 22 Aug 2020 2:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.1	7.8	11.8





#81

Benzo(a)anthracene

Concen: 7.288 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.01 min

Lab File: BF121389.D

Acq: 22 Aug 2020 2:27

Instrument :

BNA_F

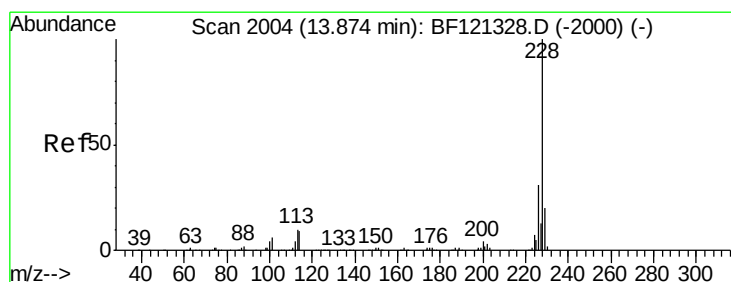
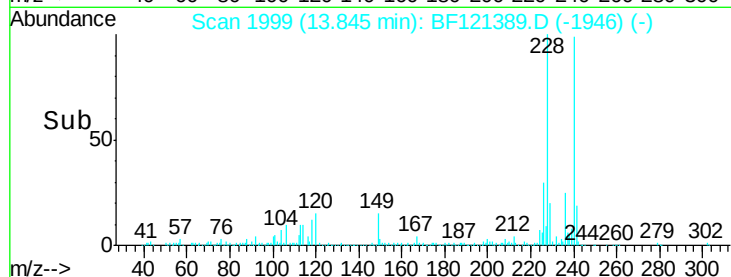
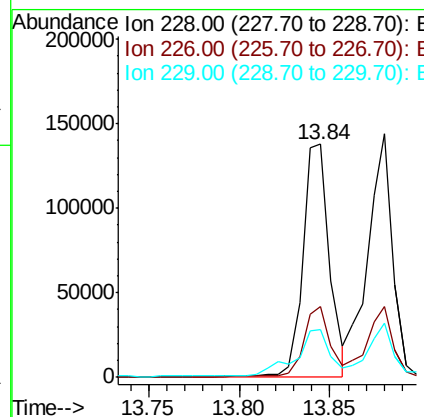
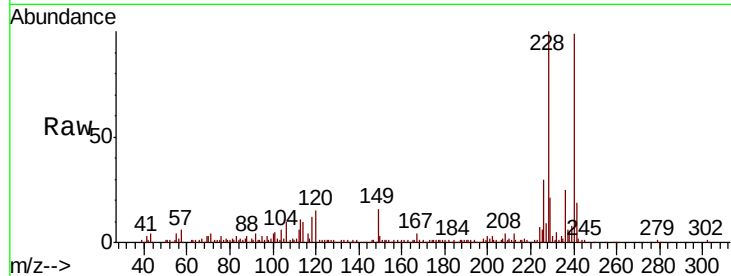
ClientSampleId :

MP-081920-B10-0-2-COMP

Tot Ion:	228	Resp:	141736
Ion Ratio		Lower	Upper
228	100		
226	30.2	21.8	32.6
229	20.6	15.8	23.8

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#83

Chrysene

Concen: 6.914 ng

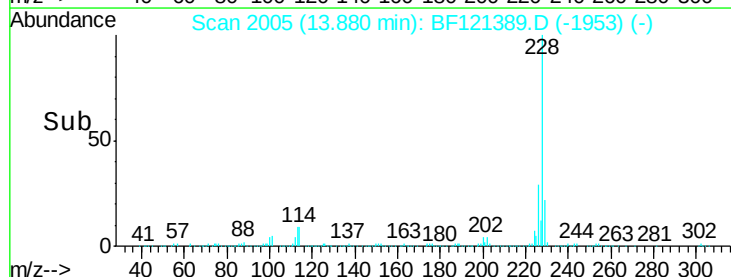
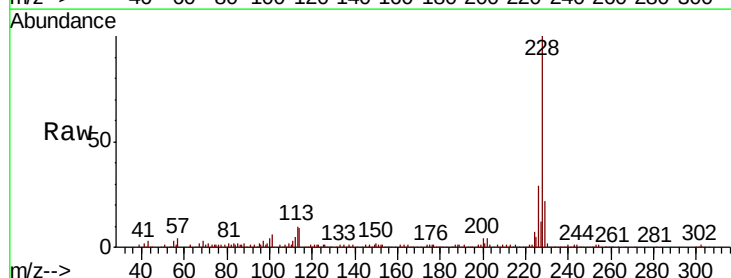
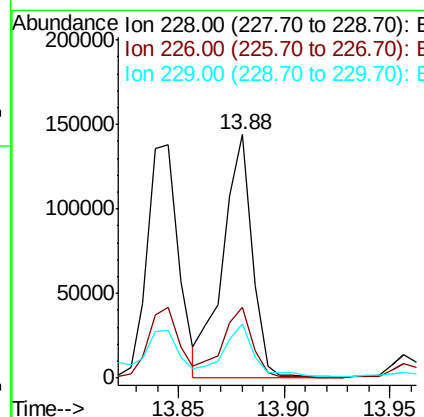
RT: 13.88 min Scan# 2005

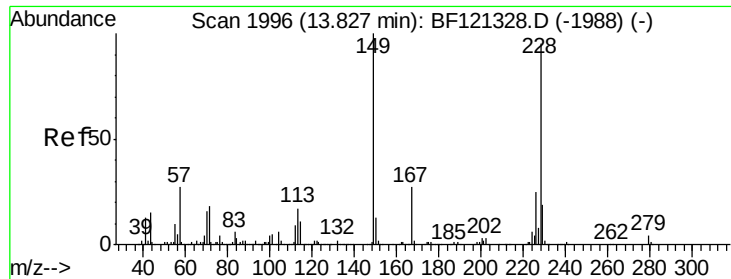
Delta R.T. 0.01 min

Lab File: BF121389.D

Acq: 22 Aug 2020 2:27

Tgt Ion:	228	Resp:	137520
Ion Ratio		Lower	Upper
228	100		
226	29.2	24.6	36.8
229	22.5	15.9	23.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 6.687 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BF121389.D

Acq: 22 Aug 2020 2:27

Instrument :

BNA_F

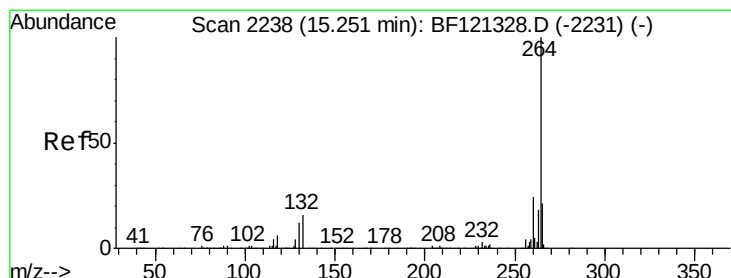
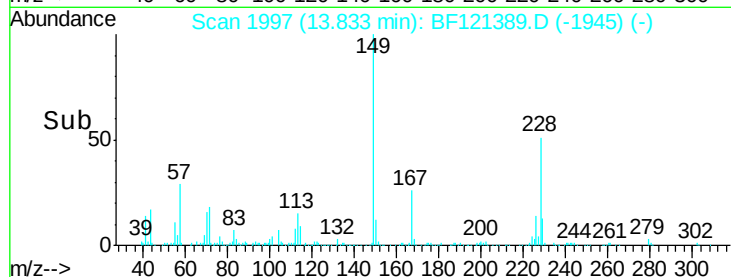
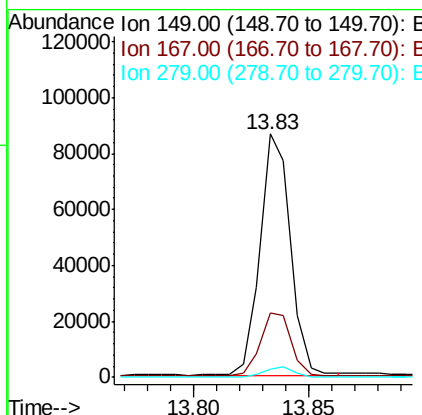
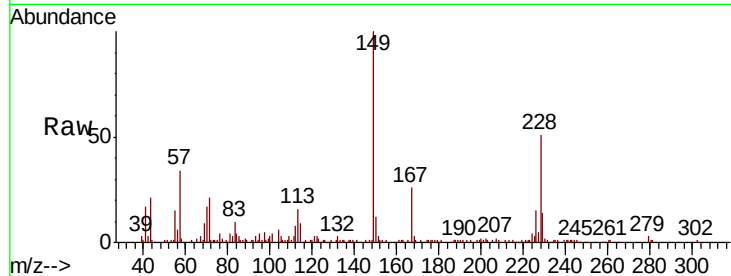
ClientSampleId :

MP-081920-B10-0-2-COMP

Tot Ion:	149	Resp:	79479
Ion Ratio	Lower	Upper	
149	100		
167	26.5	21.5	32.3
279	3.2	2.9	4.3

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#86

Perylene-d12

Concen: 20.000 ng

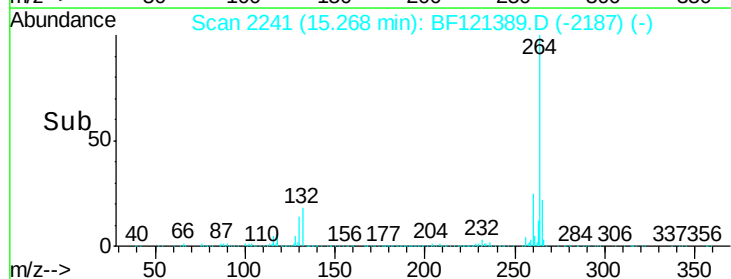
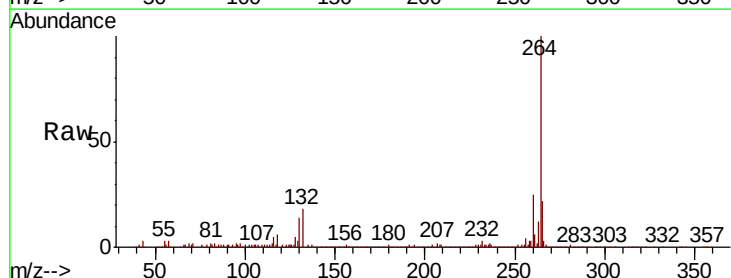
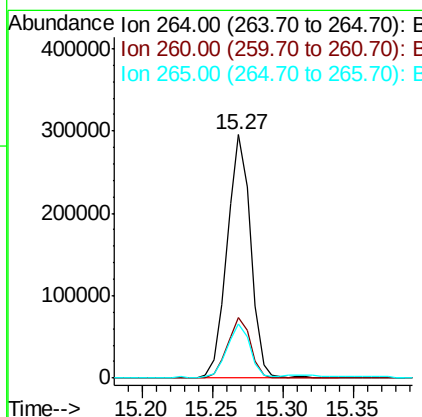
RT: 15.27 min Scan# 2241

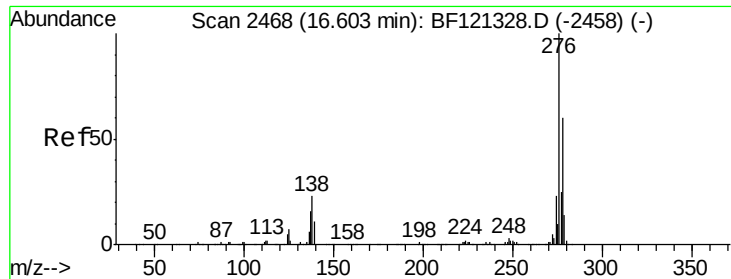
Delta R.T. 0.02 min

Lab File: BF121389.D

Acq: 22 Aug 2020 2:27

Tgt Ion:	264	Resp:	338952
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.5	29.3
265	22.3	17.1	25.7





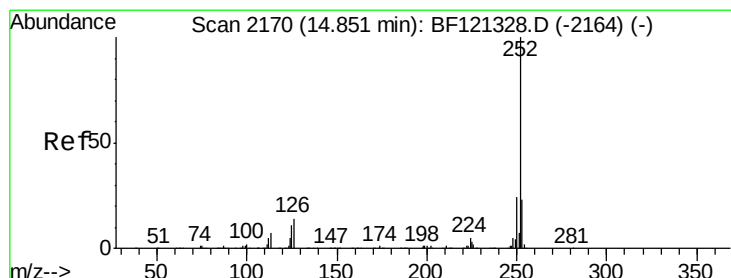
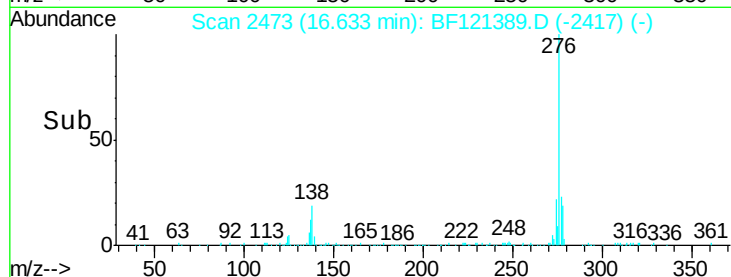
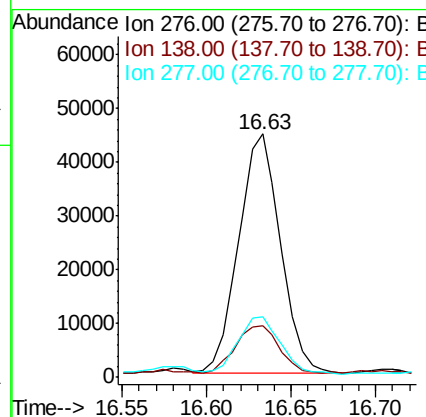
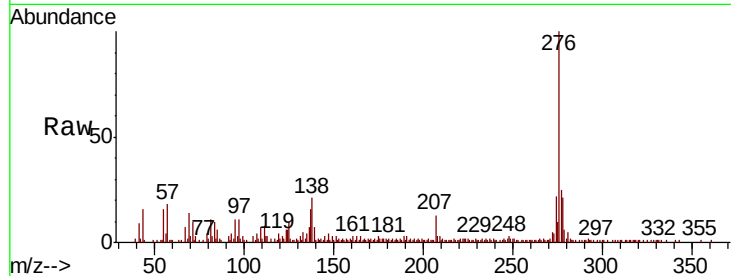
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.713 ng
 RT: 16.63 min Scan# 2473
 Delta R.T. 0.03 min
 Lab File: BF121389.D
 Acq: 22 Aug 2020 2:27

Instrument :
 BNA_F
 ClientSampleId :
 MP-081920-B10-0-2-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.6	19.4	29.0
277	24.2	19.9	29.9

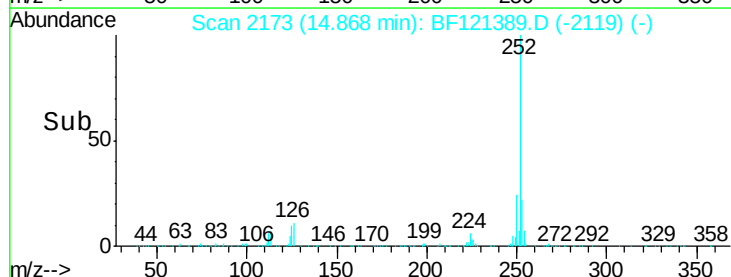
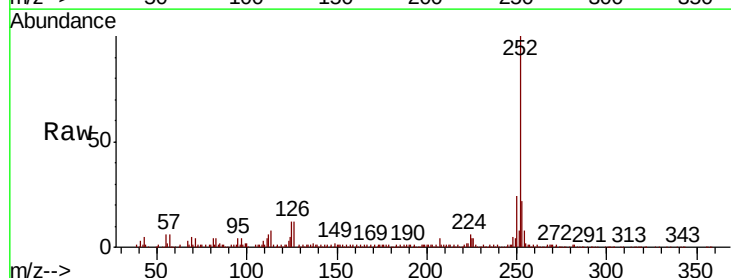
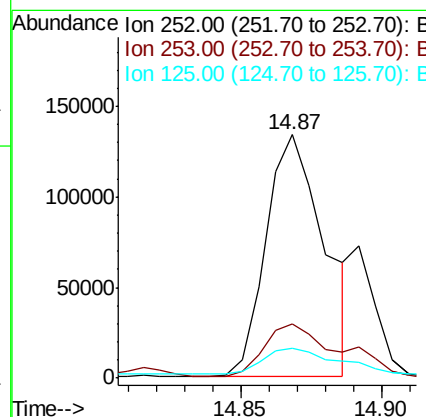
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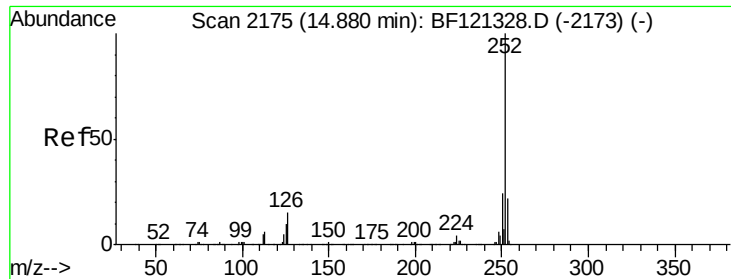
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#88
 Benzo(b)fluoranthene
 Concen: 8.767 ng m
 RT: 14.87 min Scan# 2173
 Delta R.T. 0.02 min
 Lab File: BF121389.D
 Acq: 22 Aug 2020 2:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	12.0	8.6	12.8





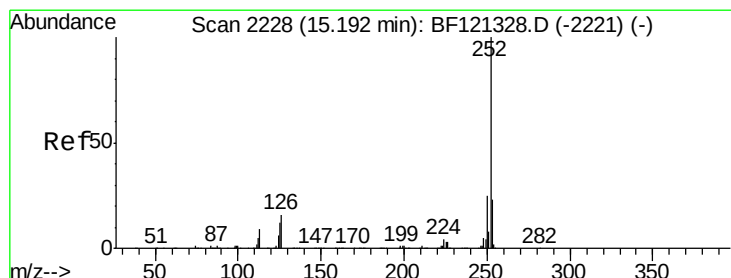
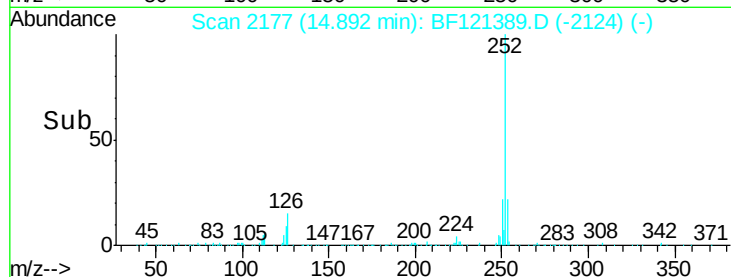
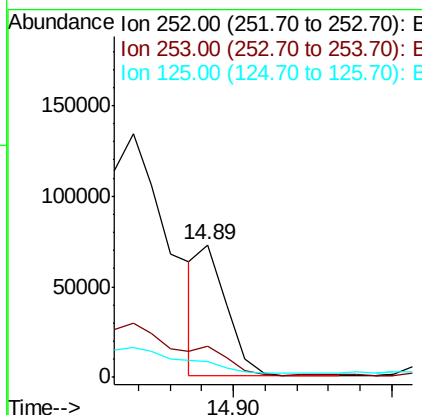
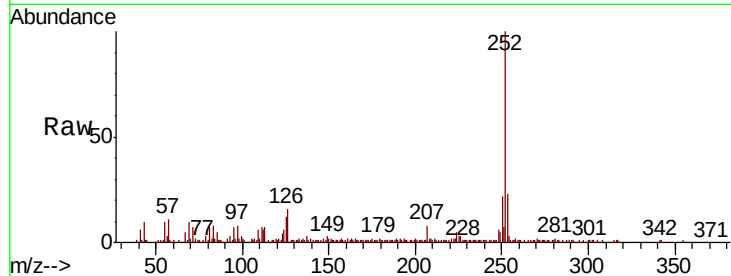
#89
Benzo(k)fluoranthene
Concen: 2.243 ng m
RT: 14.89 min Scan# 2177
Delta R.T. 0.01 min
Lab File: BF121389.D
Acq: 22 Aug 2020 2:27

Instrument :
BNA_F
ClientSampleId :
MP-081920-B10-0-2-COMP

Tot Ion:	252	Resp:	43233
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.9	26.9
125	12.3	8.6	12.8

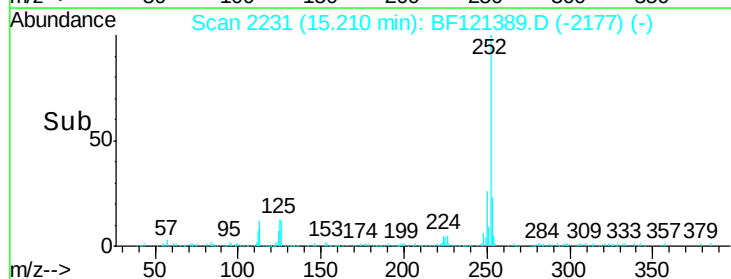
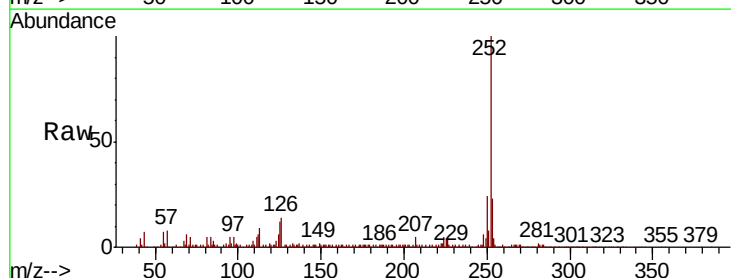
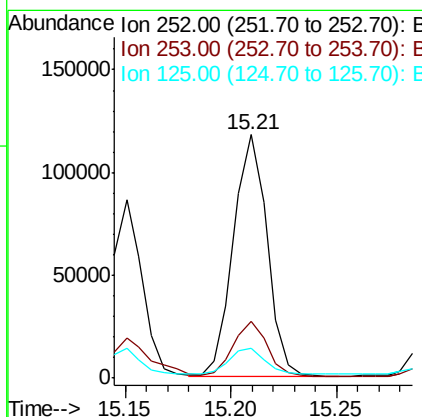
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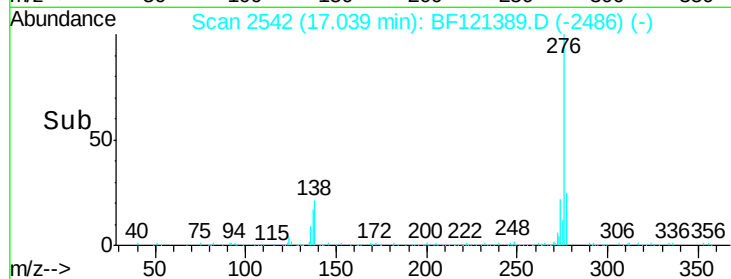
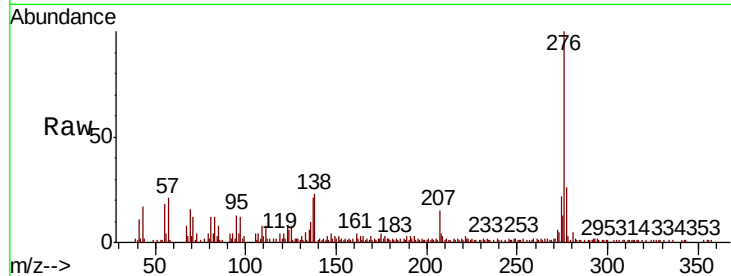
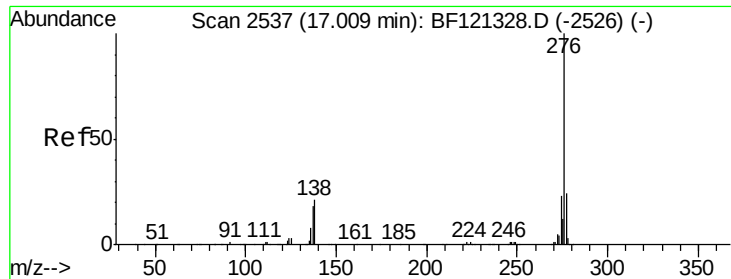
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#90
Benzo(a)pyrene
Concen: 6.928 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.02 min
Lab File: BF121389.D
Acq: 22 Aug 2020 2:27

Tgt Ion:	252	Resp:	131078
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.0	27.0
125	12.4	9.4	14.0





#92
 Benzo(a,h,i)perylene
 Concen: 4.391 ng
 RT: 17.04 min Scan# 2542
 Delta R.T. 0.03 min
 Lab File: BF121389.D
 Acq: 22 Aug 2020 2:27

Instrument :
 BNA_F
 ClientSampleId :
 MP-081920-B10-0-2-COMP

Tot Ion	Ion	Ratio	Lower	Upper
72821	276	100		
	277	25.9	19.3	28.9
	138	23.1	16.8	25.2

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