

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
 Data File : BF121417.D
 Acq On : 25 Aug 2020 00:36
 Operator : JU/CG
 Sample : L3780-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-082120-A

Manual Integrations
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Quant Time: Aug 25 05:14:07 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	6.69	152	164303	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	626020	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	309777	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	541688	20.00	ng	0.00
76) Chrysene-d12	13.86	240	383284	20.00	ng	0.01
86) Perylene-d12	15.27	264	413022	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	382230	38.15	ng	0.00
7) Phenol-d6	6.34	99	476999	37.29	ng	0.00
23) Nitrobenzene-d5	7.26	82	299368	27.05	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	100134	27.74	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	592083	28.03	ng	0.00
79) Terphenyl-d14	12.80	244	517284	26.37	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.45	163	58688	2.604	ng	100
52) Acenaphthene	9.76	154	52910	3.065	ng	99
71) Phenanthrene	11.24	178	840698	29.987	ng	99
72) Anthracene	11.29	178	163480	6.055	ng	99
75) Fluoranthene	12.43	202	845219	27.776	ng	98
78) Pyrene	12.66	202	739198	25.674	ng	99
81) Benzo(a)anthracene	13.84	228	309775	13.012	ng	98
83) Chrysene	13.88	228	291954	11.991	ng	97
87) Indeno(1,2,3-cd)pyrene	16.63	276	118297	4.692	ng	96
88) Benzo(b)fluoranthene	14.87	252	314429m	11.784	ng	
89) Benzo(k)fluoranthene	14.89	252	82020m	3.492	ng	
90) Benzo(a)pyrene	15.21	252	220638	9.570	ng	98
92) Benzo(a,h,i)perylene	17.04	276	108451	5.367	ng	98

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

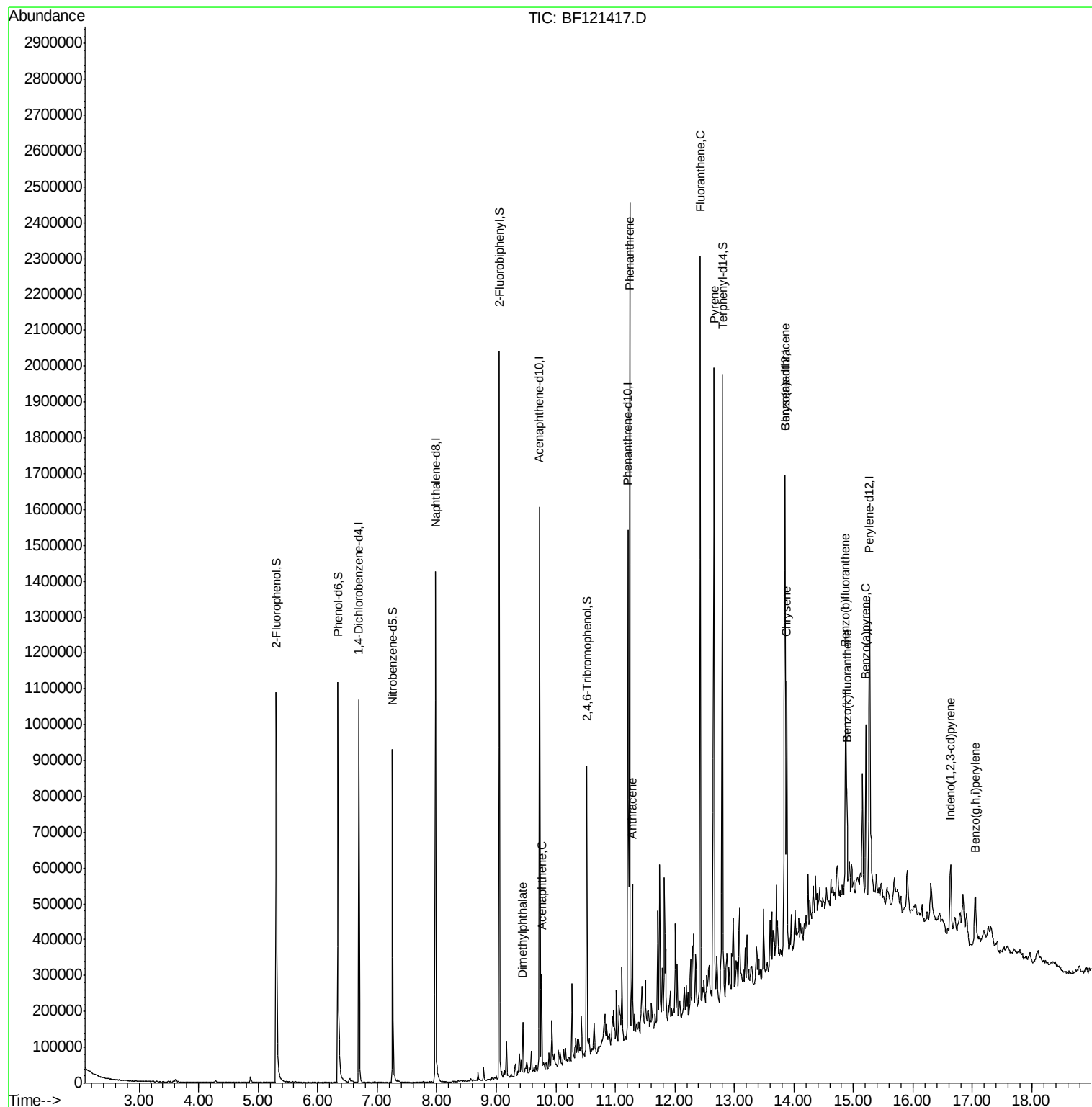
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121417.D
Acq On : 25 Aug 2020 00:36
Operator : JU/CG
Sample : L3780-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

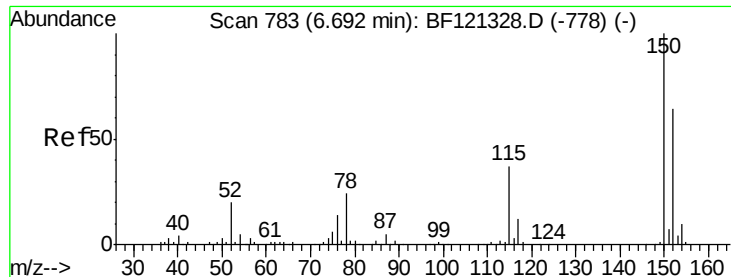
Instrument :
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JC-03-082120-A

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Quant Time: Aug 25 05:14:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
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#1

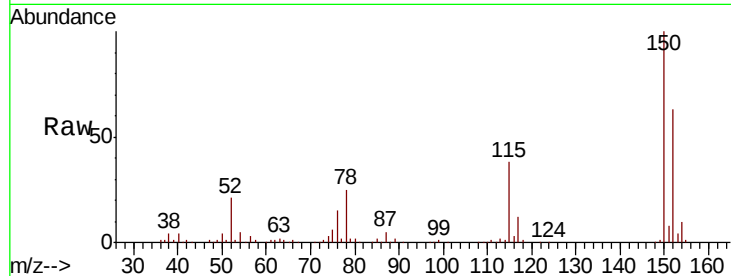
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF121417.D
Acq: 25 Aug 2020 00:36

Instrument :
BNA_F
ClientSampleId :
JC-03-082120-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.8	187.2
115	60.1	46.1	69.1

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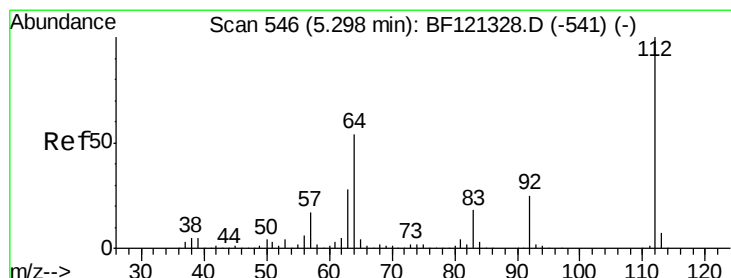
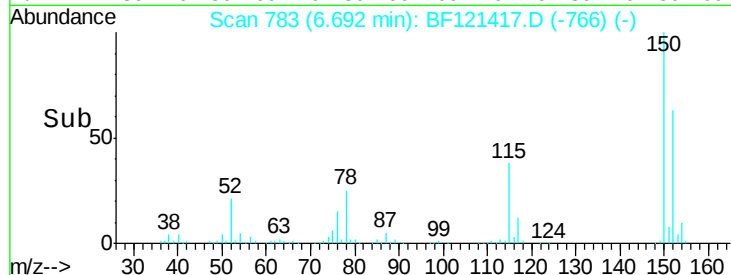
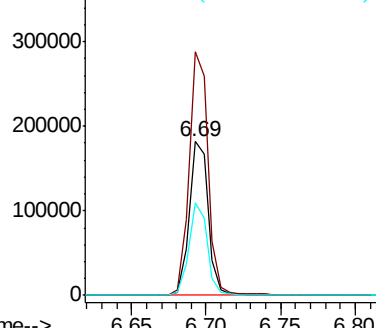


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

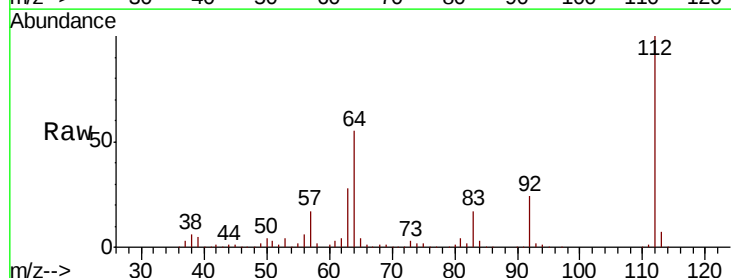
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 38.146 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF121417.D
Acq: 25 Aug 2020 00:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	43.5	65.3
63	27.8	22.0	33.0

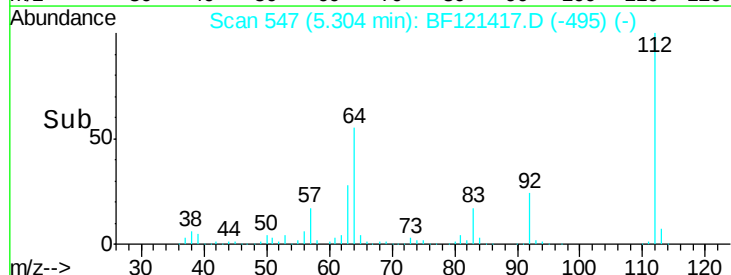
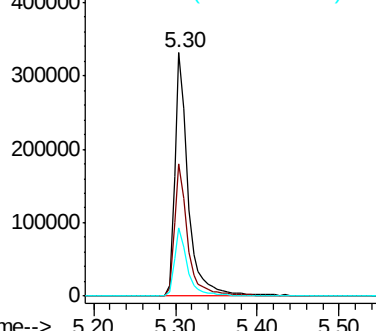


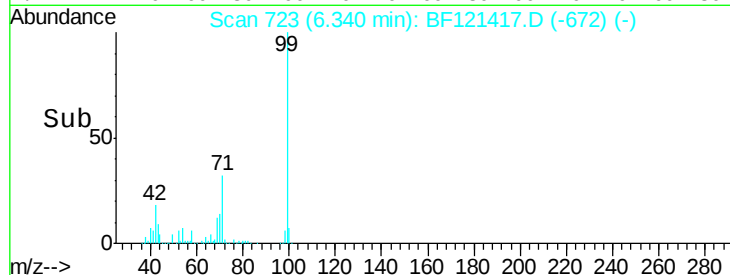
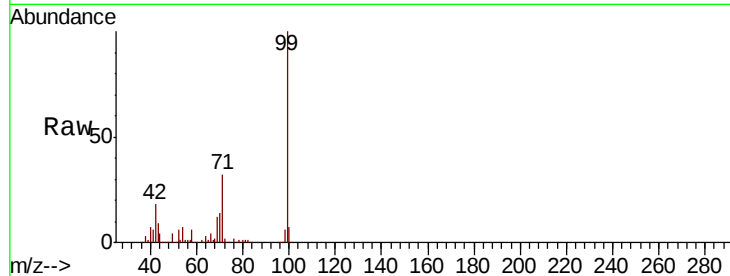
Abundance

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: 37.290 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF121417.D

Acq: 25 Aug 2020 00:36

Tot Ion:	99	Resp:	476999
Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.5	20.3
71	31.6	25.2	37.8

Instrument :

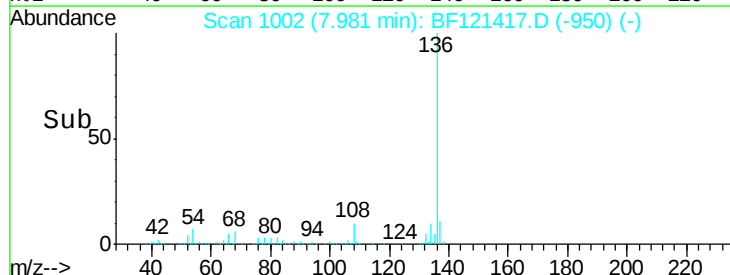
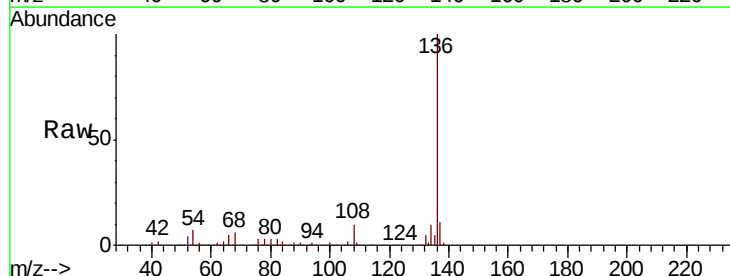
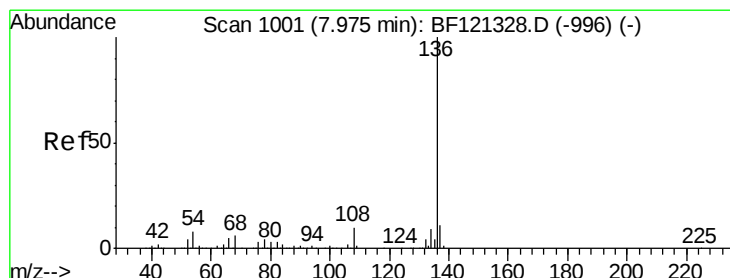
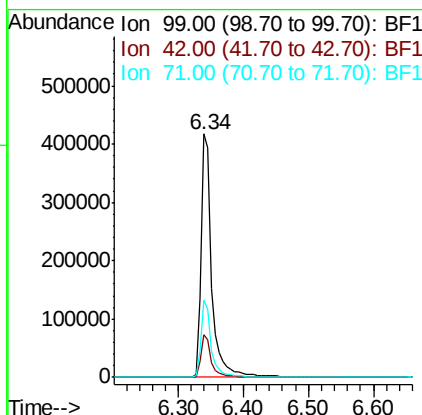
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#21

Naphthalene-d8

Concen: 20.000 ng

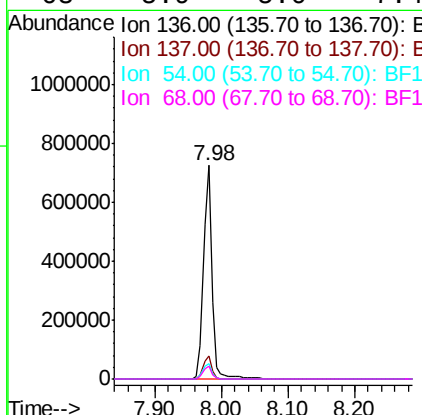
RT: 7.98 min Scan# 1002

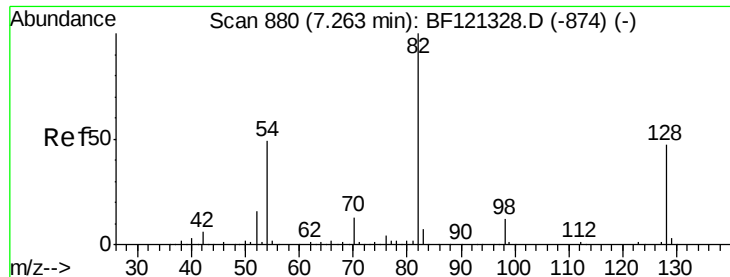
Delta R.T. 0.01 min

Lab File: BF121417.D

Acq: 25 Aug 2020 00:36

Tgt Ion:	136	Resp:	626020
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.1	6.1	9.1
68	5.9	5.0	7.4





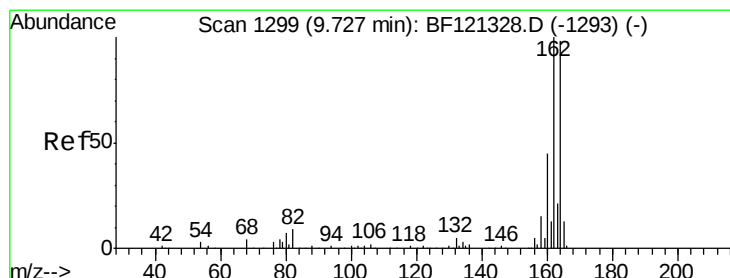
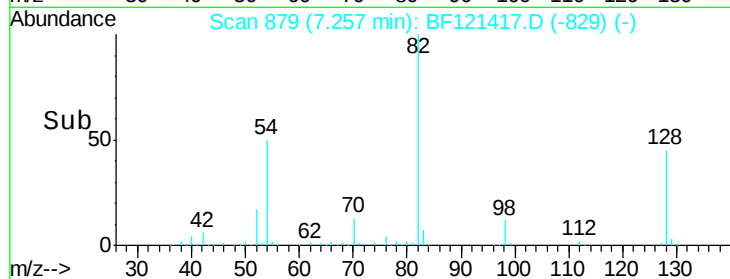
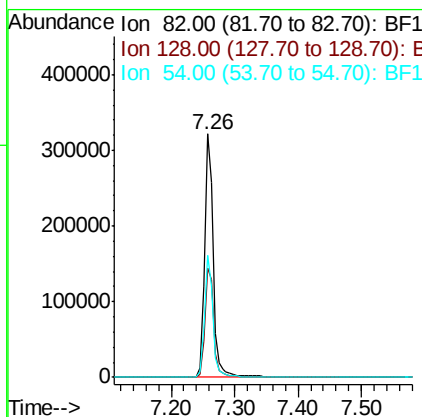
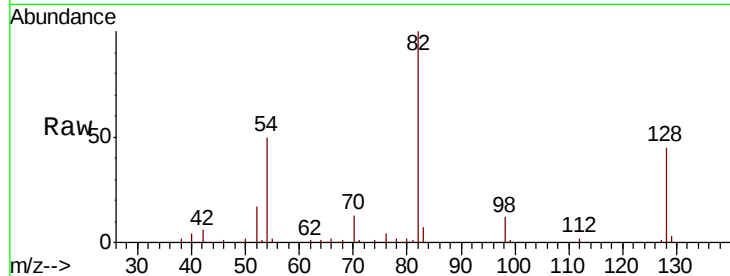
#23
 Nitrobenzene-d5
 Concen: 27.046 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF121417.D
 Acq: 25 Aug 2020 00:36

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-082120-A

Tot Ion:	82	Resp:	299368
Ion Ratio	Lower	Upper	
82	100		
128	45.1	37.9	56.9
54	50.0	39.0	58.4

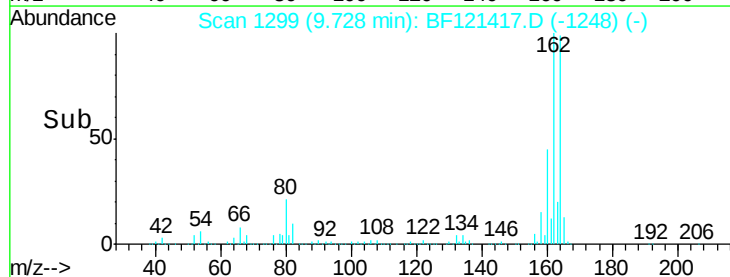
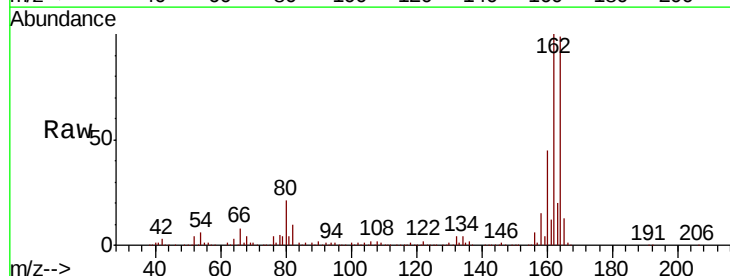
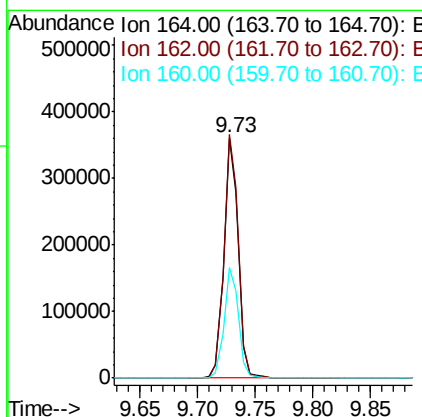
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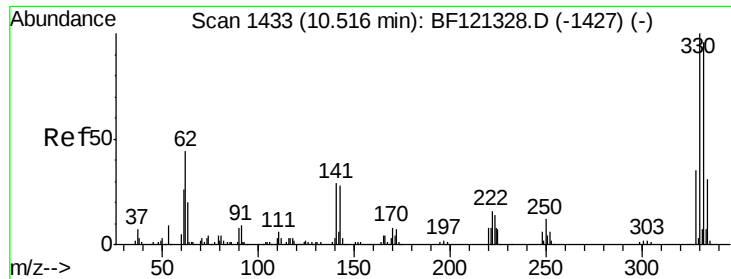
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF121417.D
 Acq: 25 Aug 2020 00:36

Tgt Ion:	164	Resp:	309777
Ion Ratio	Lower	Upper	
164	100		
162	101.3	81.7	122.5
160	45.9	37.0	55.4





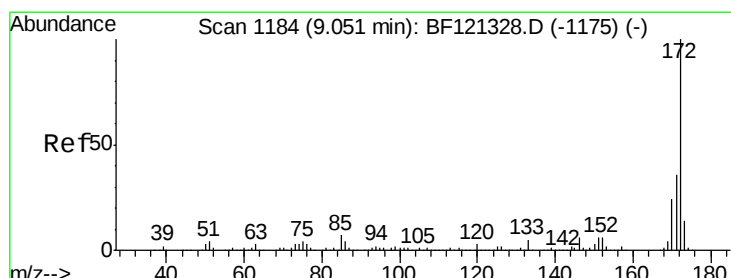
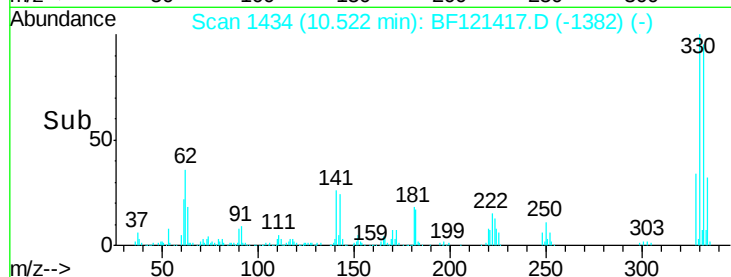
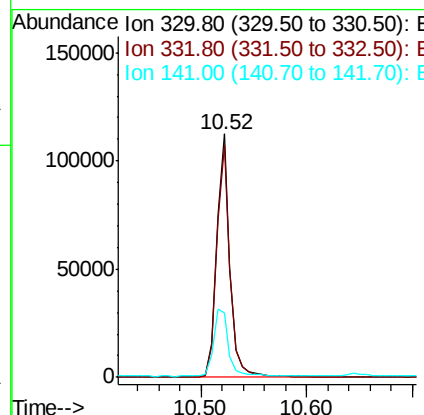
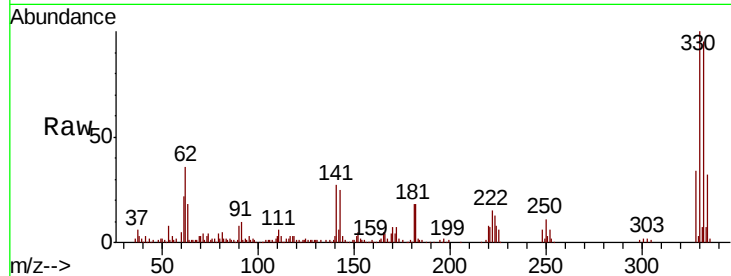
#42
 2,4,6-Tribromophenol
 Concen: 27.739 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF121417.D
 Acq: 25 Aug 2020 00:36

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-082120-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.9	115.3
141	31.9	22.8	34.2

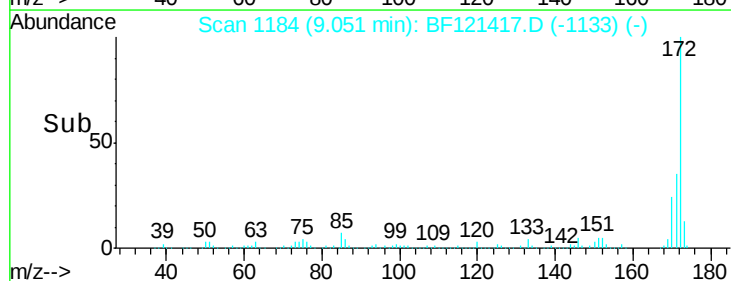
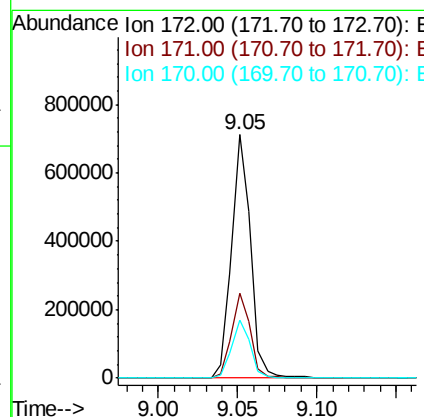
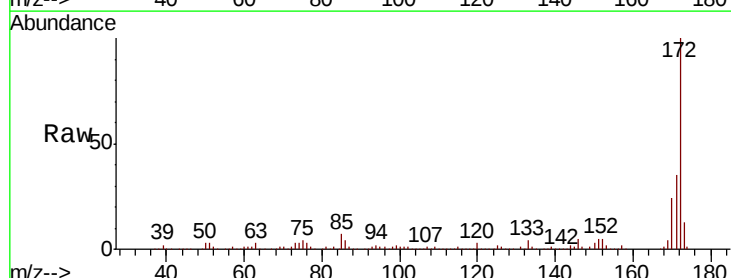
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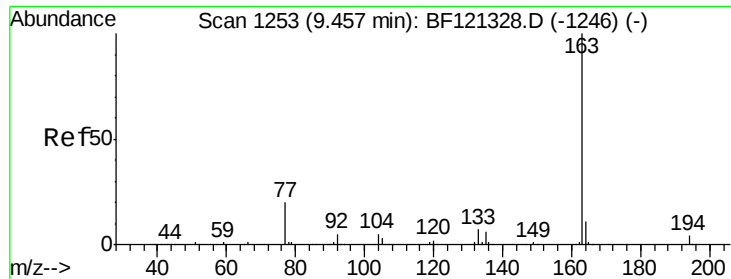
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#45
 2-Fluorobiphenyl
 Concen: 28.027 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF121417.D
 Acq: 25 Aug 2020 00:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.0	43.6
170	23.8	19.4	29.2





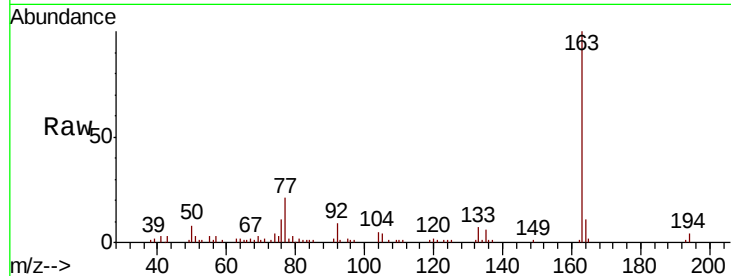
#50
Dimethylphthalate
Concen: 2.604 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF121417.D
Acq: 25 Aug 2020 00:36

Instrument :
BNA_F
ClientSampleId :
JC-03-082120-A

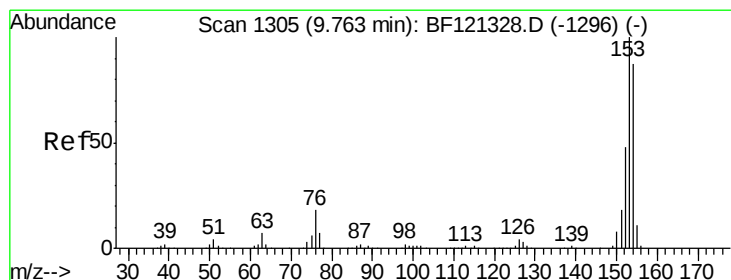
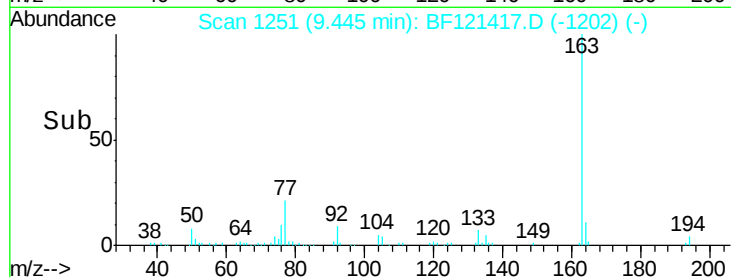
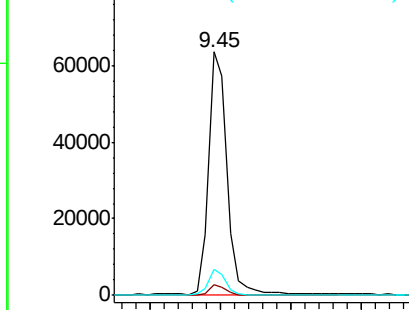
Tot Ion	Ratio	Resp	Lower	Upper
163	100	58688		
194	4.2		3.0	4.6
164	10.5		8.4	12.6

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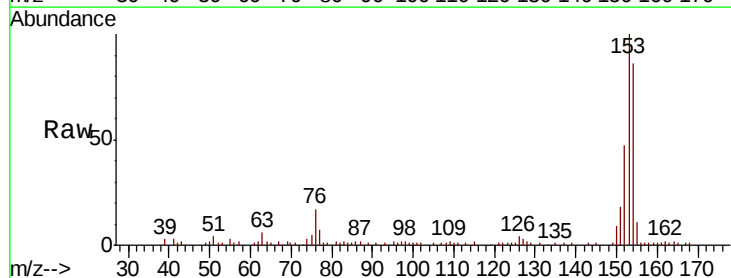


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

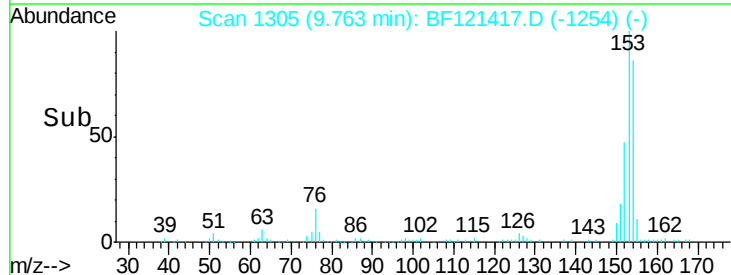
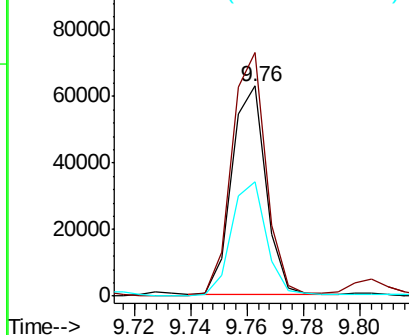


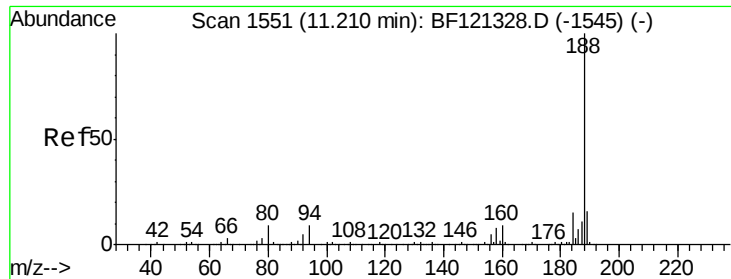
#52
Acenaphthene
Concen: 3.065 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF121417.D
Acq: 25 Aug 2020 00:36

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	52910		
153	115.9		92.0	138.0
152	54.1		44.6	66.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BF121417.D

Acq: 25 Aug 2020 00:36

Instrument :

BNA_F

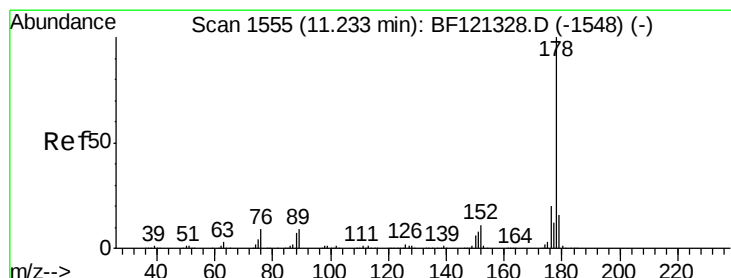
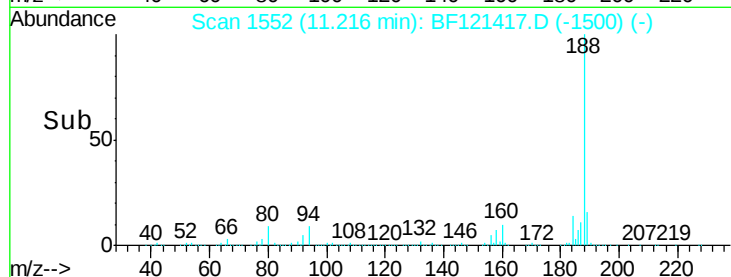
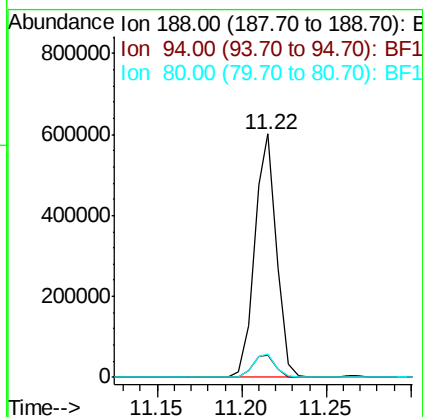
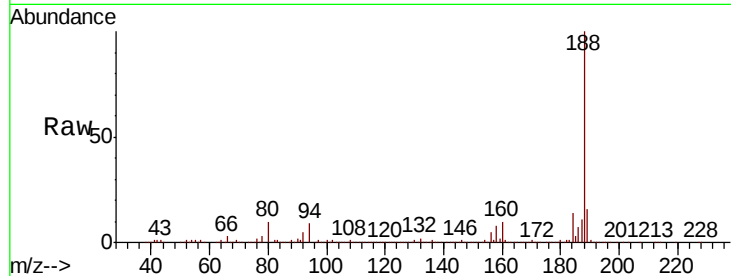
ClientSampleId :

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Tot Ion:	188	Resp:	541688
Ion Ratio	Lower	Upper	
188	100		
94	9.3	7.2	10.8
80	9.6	7.4	11.0

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#71

Phenanthrene

Concen: 29.987 ng

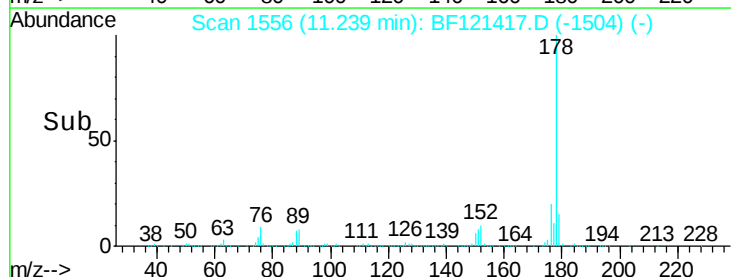
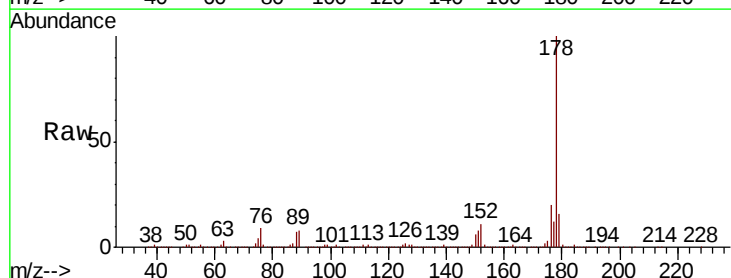
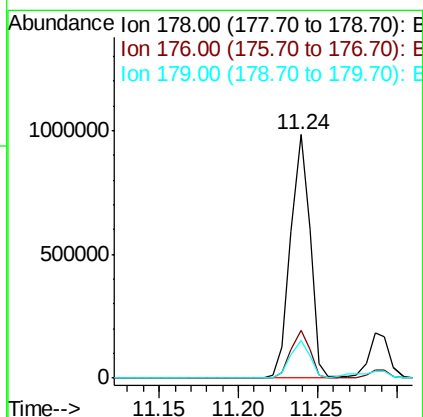
RT: 11.24 min Scan# 1556

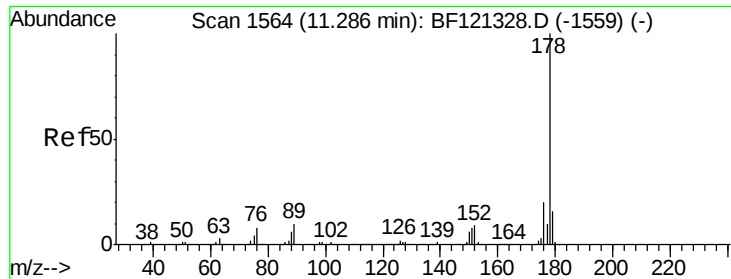
Delta R.T. 0.01 min

Lab File: BF121417.D

Acq: 25 Aug 2020 00:36

Tgt Ion:	178	Resp:	840698
Ion Ratio	Lower	Upper	
178	100		
176	19.6	16.0	24.0
179	15.6	12.8	19.2





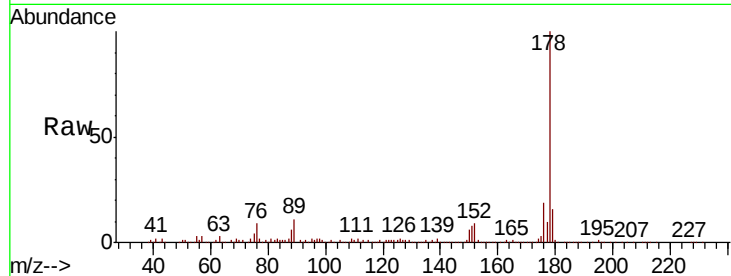
#72
 Anthracene
 Concen: 6.055 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: BF121417.D
 Acq: 25 Aug 2020 00:36

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-082120-A

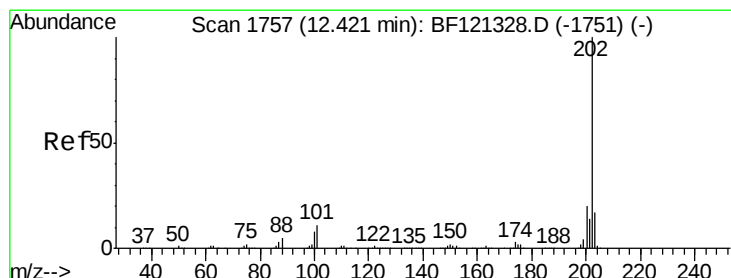
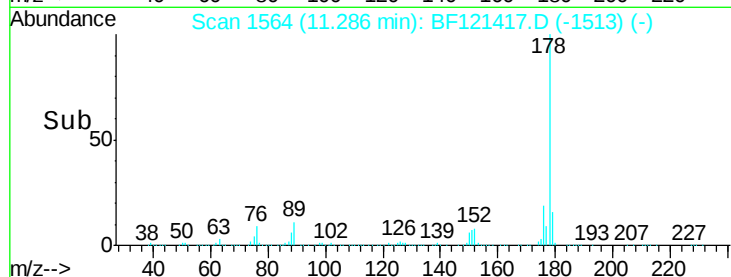
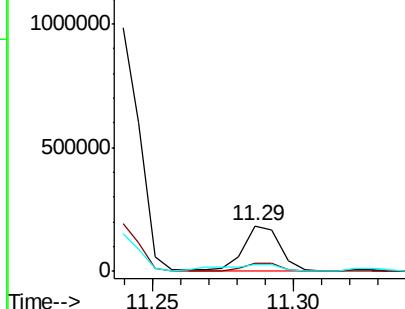
Tot Ion:	178	Resp:	163480
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.6	23.4
179	16.0	12.8	19.2

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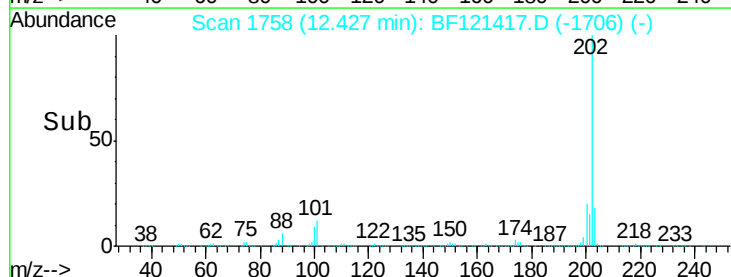
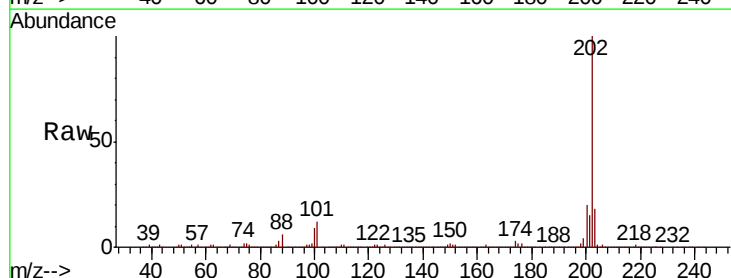
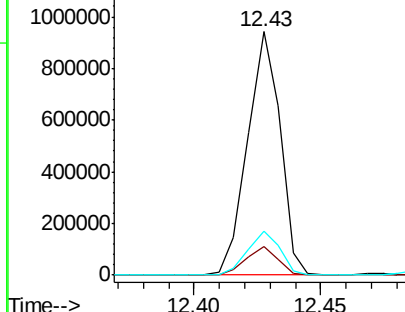
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

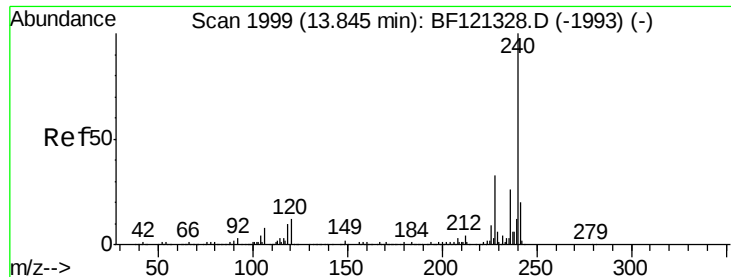


#75
 Fluoranthene
 Concen: 27.776 ng
 RT: 12.43 min Scan# 1758
 Delta R.T. 0.01 min
 Lab File: BF121417.D
 Acq: 25 Aug 2020 00:36

Tgt Ion:	202	Resp:	845219
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	30.6
203	18.2	0.0	37.5

Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.01 min

Lab File: BF121417.D

Acq: 25 Aug 2020 00:36

Instrument :

BNA_F

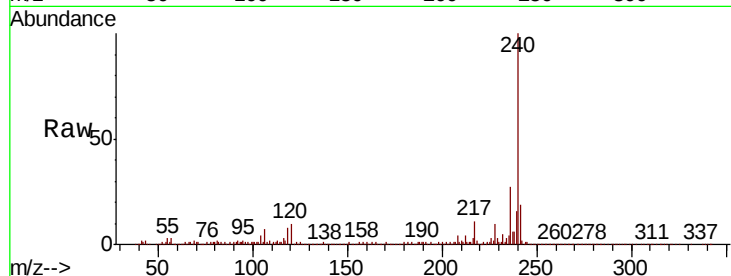
ClientSampleId :

JC-03-082120-A

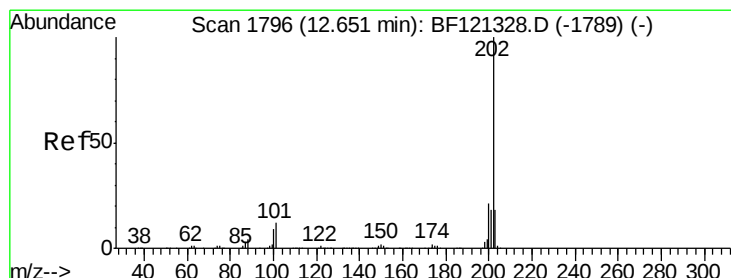
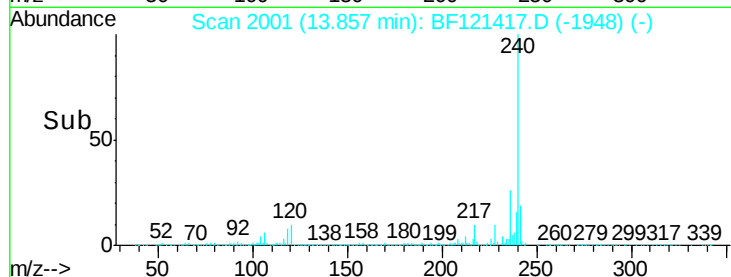
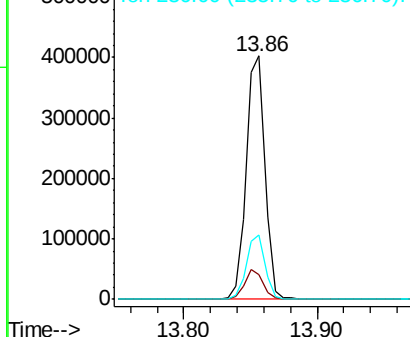
Tot Ion:	240	Resp:	383284
Ion Ratio	Lower	Upper	
240	100		
120	10.3	9.6	14.4
236	26.5	20.6	31.0

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 25.674 ng

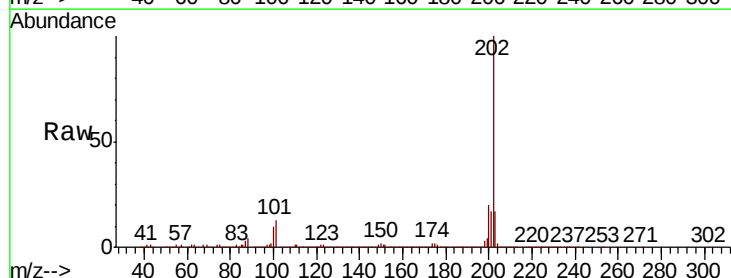
RT: 12.66 min Scan# 1797

Delta R.T. 0.01 min

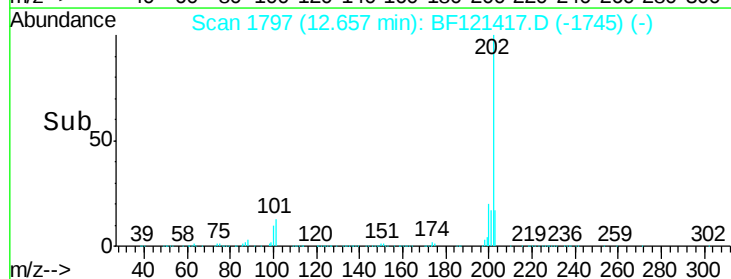
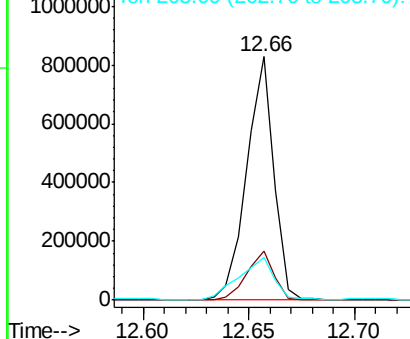
Lab File: BF121417.D

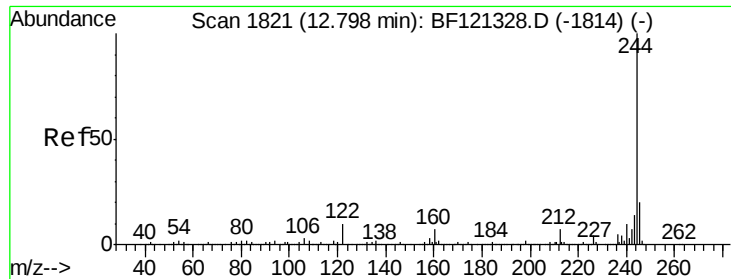
Acq: 25 Aug 2020 00:36

Tgt Ion:	202	Resp:	739198
Ion Ratio	Lower	Upper	
202	100		
200	20.1	16.6	24.8
203	17.5	14.2	21.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 26.373 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF121417.D

Acq: 25 Aug 2020 00:36

Instrument :

BNA_F

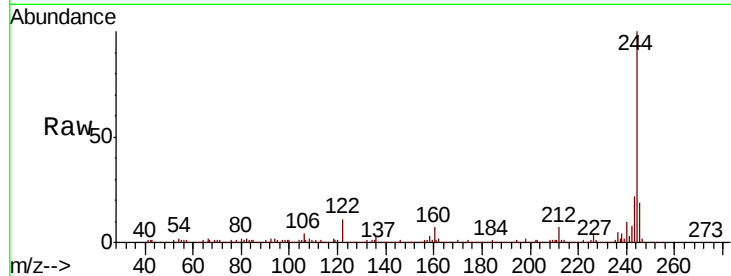
ClientSampleId :

JC-03-082120-A

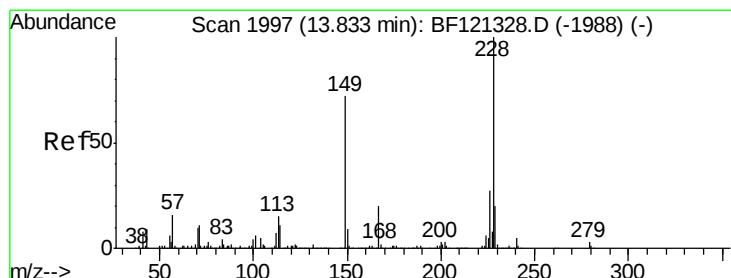
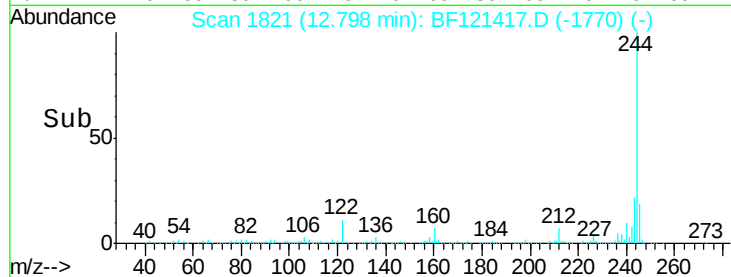
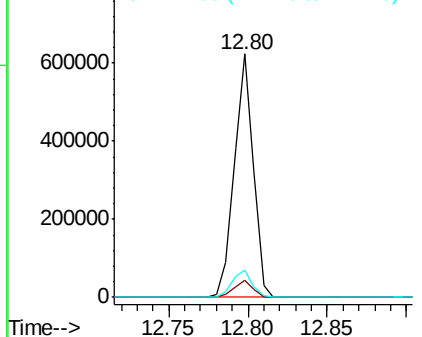
Tot Ion:	244	Resp:	517284
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	11.2	7.8	11.8

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 13.012 ng

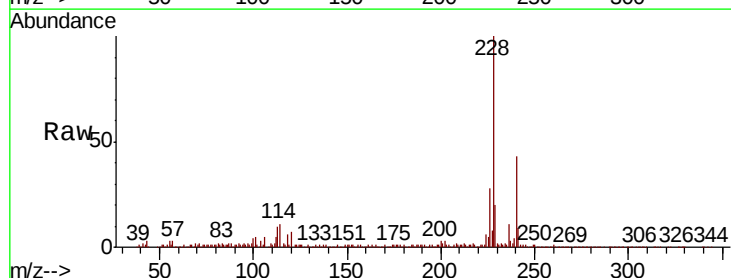
RT: 13.84 min Scan# 1999

Delta R.T. 0.01 min

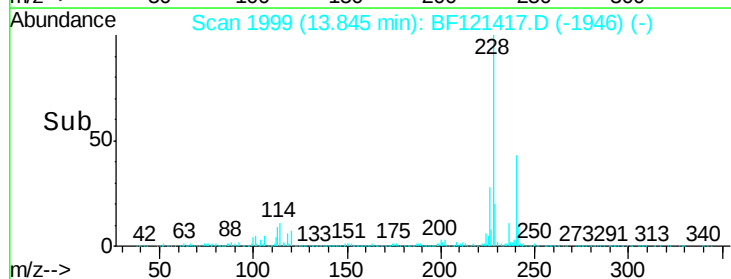
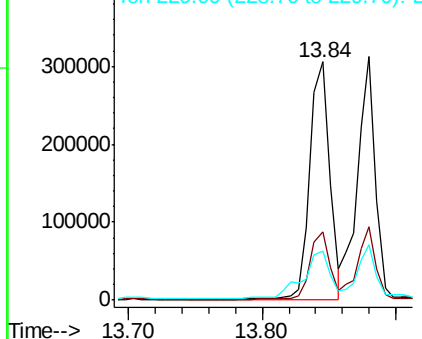
Lab File: BF121417.D

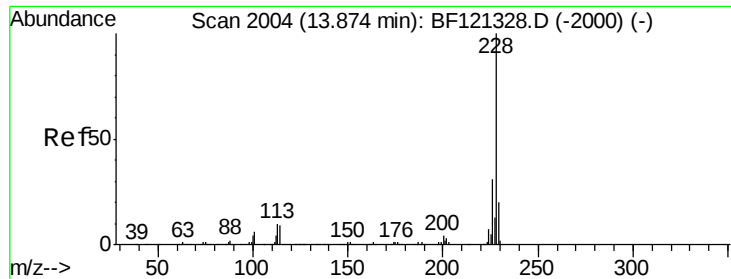
Acq: 25 Aug 2020 00:36

Tgt Ion:	228	Resp:	309775
Ion Ratio	Lower	Upper	
228	100		
226	28.4	21.8	32.6
229	20.4	15.8	23.8



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





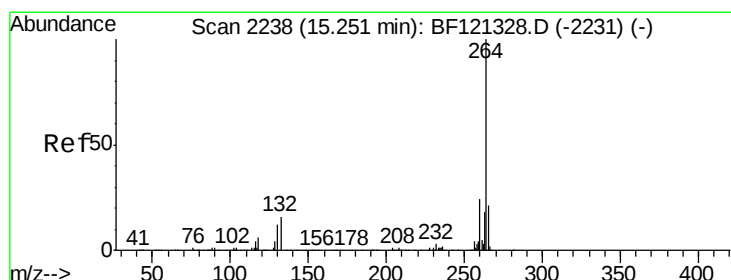
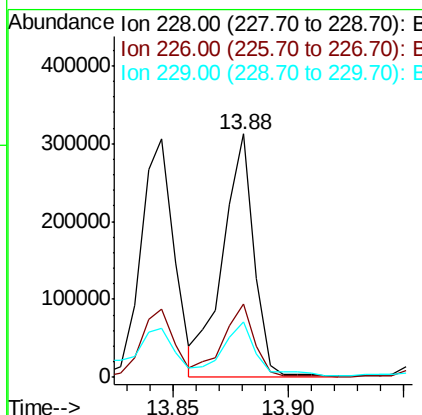
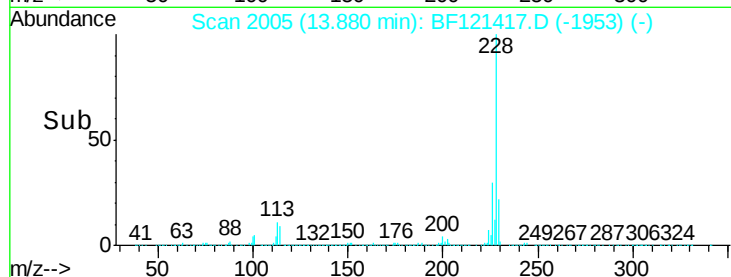
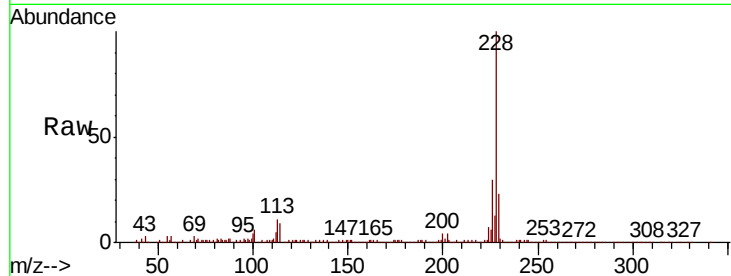
#83
Chrysene
Concen: 11.991 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF121417.D
Acq: 25 Aug 2020 00:36

Instrument :
BNA_F
ClientSampleId :
JC-03-082120-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	36.8
229	22.5	15.9	23.9

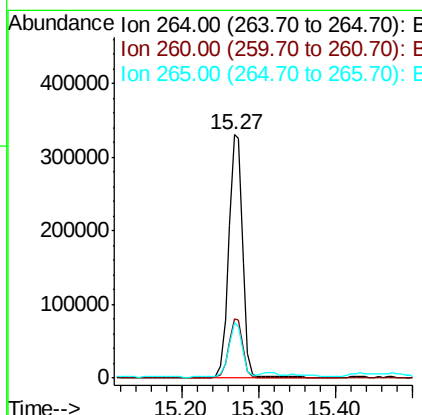
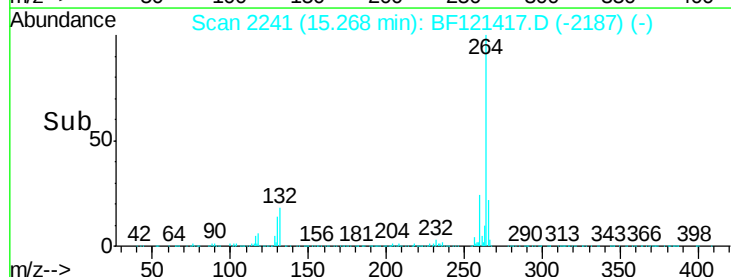
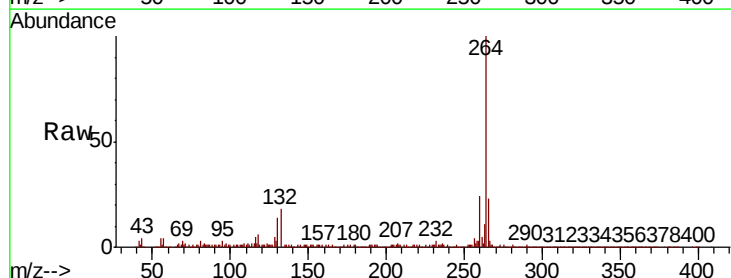
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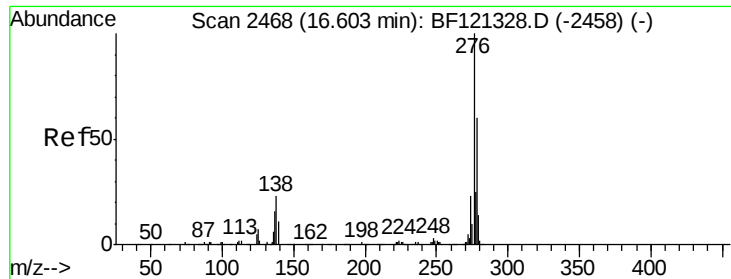
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.02 min
Lab File: BF121417.D
Acq: 25 Aug 2020 00:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.8	17.1	25.7





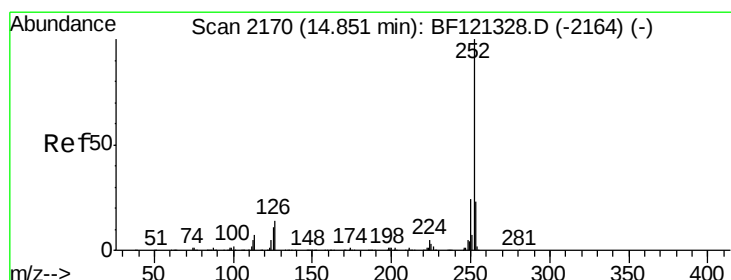
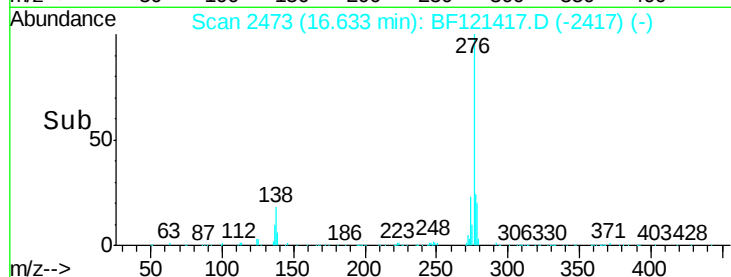
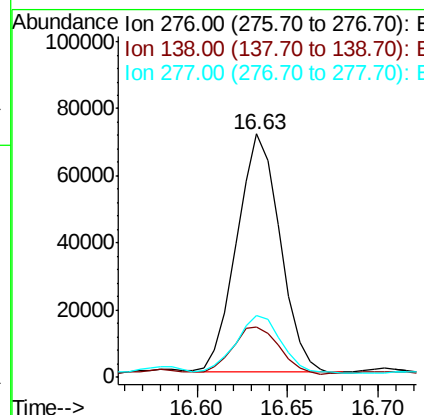
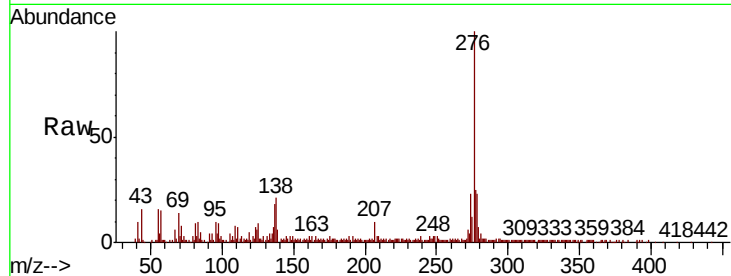
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.692 ng
 RT: 16.63 min Scan# 2473
 Delta R.T. 0.03 min
 Lab File: BF121417.D
 Acq: 25 Aug 2020 00:36

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-082120-A

Tot Ion:	276	Resp:	118297
Ion Ratio	Lower	Upper	
276	100		
138	21.0	19.4	29.0
277	25.5	19.9	29.9

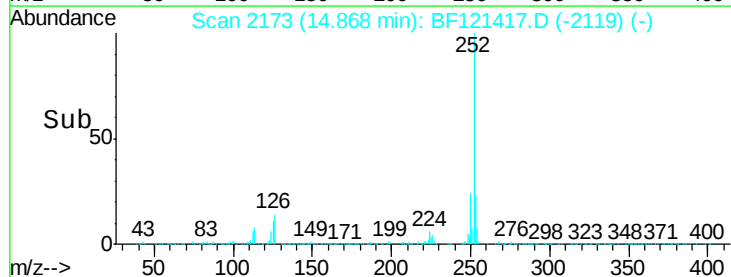
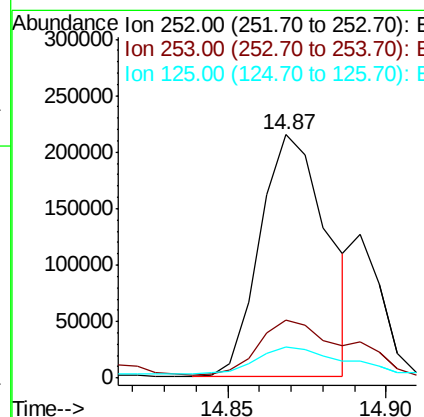
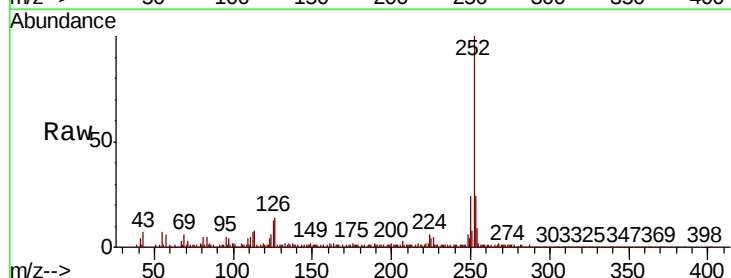
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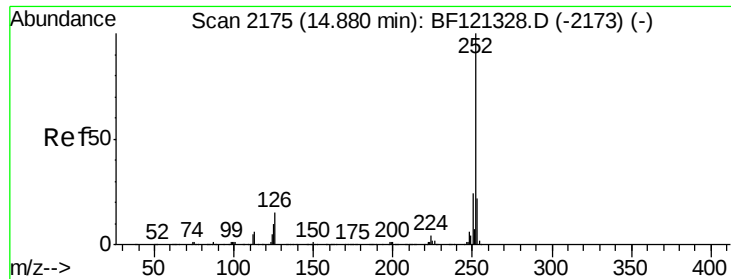
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#88
 Benzo(b)fluoranthene
 Concen: 11.784 ng m
 RT: 14.87 min Scan# 2173
 Delta R.T. 0.02 min
 Lab File: BF121417.D
 Acq: 25 Aug 2020 00:36

Tgt Ion:	252	Resp:	314429
Ion Ratio	Lower	Upper	
252	100		
253	23.8	18.0	27.0
125	12.9	8.6	12.8#





#89

Benzo(k)fluoranthene

Concen: 3.492 ng m

RT: 14.89 min Scan# 2177

Delta R.T. 0.01 min

Lab File: BF121417.D

Acq: 25 Aug 2020 00:36

Instrument :

BNA_F

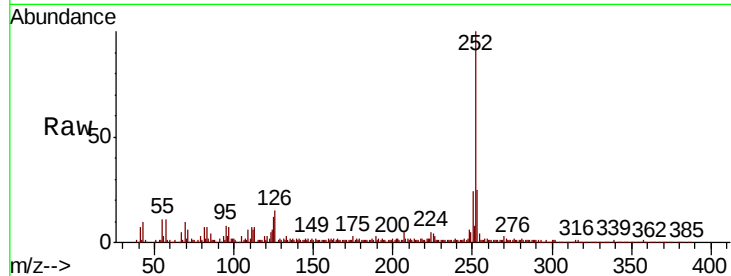
ClientSampleId :

JC-03-082120-A

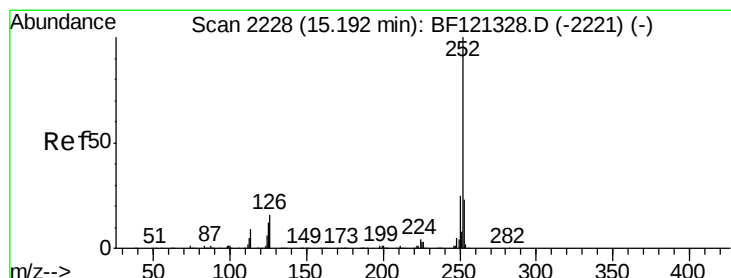
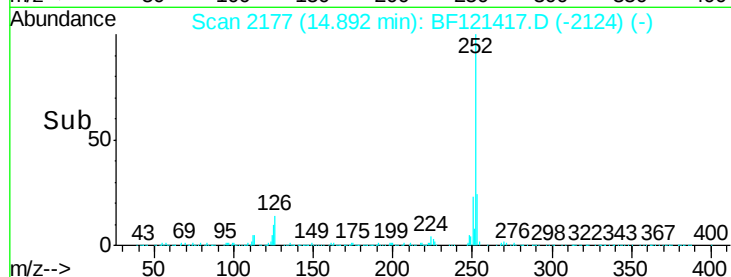
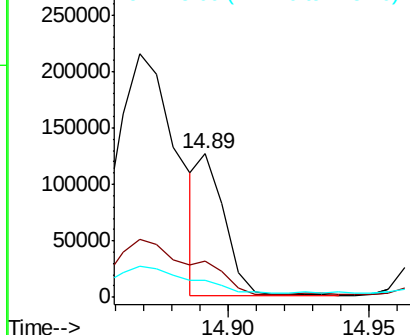
Tot Ion:	252	Resp:	82020
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.9	26.9
125	12.3	8.6	12.8

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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



#90

Benzo(a)pyrene

Concen: 9.570 ng

RT: 15.21 min Scan# 2231

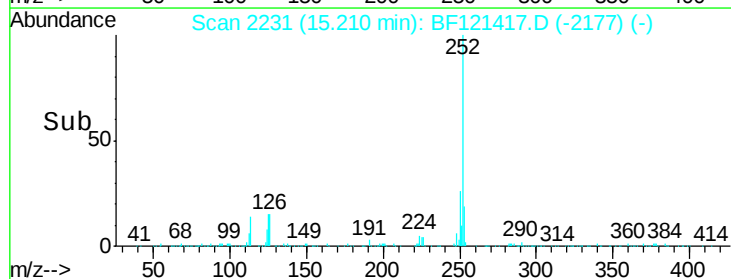
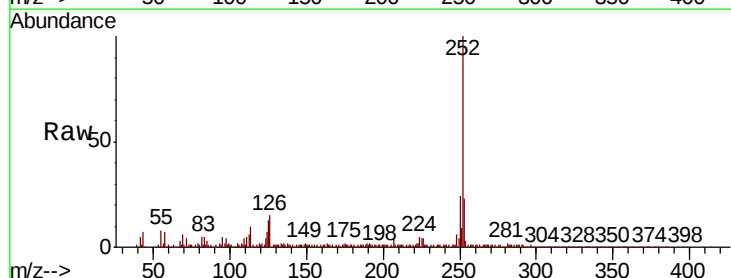
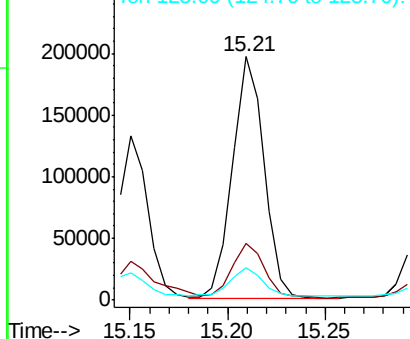
Delta R.T. 0.02 min

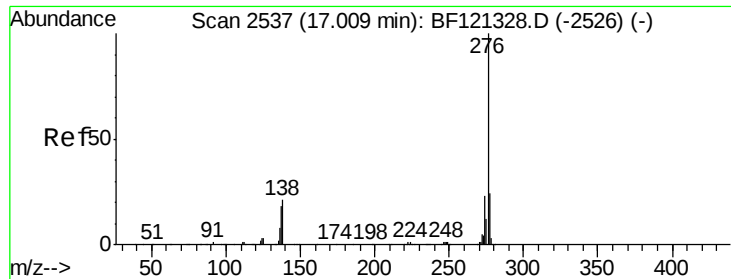
Lab File: BF121417.D

Acq: 25 Aug 2020 00:36

Tgt Ion:	252	Resp:	220638
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.0	27.0
125	13.1	9.4	14.0

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





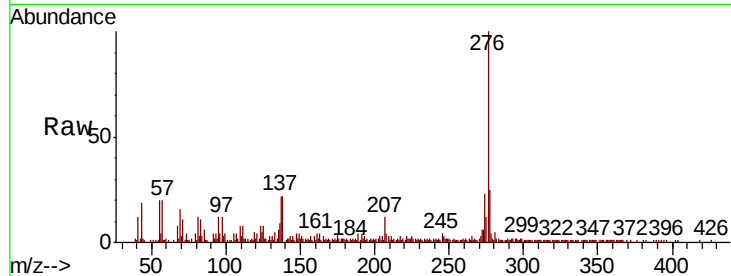
#92
 Benzo(a,h,i)perylene
 Concen: 5.367 ng
 RT: 17.04 min Scan# 2543
 Delta R.T. 0.04 min
 Lab File: BF121417.D
 Acq: 25 Aug 2020 00:36

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-082120-A

Tot Ion:	276	Resp:	108451
Ion Ratio	Lower	Upper	
276	100		
277	25.0	19.3	28.9
138	22.4	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

