

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
 Data File : BF120273.D
 Acq On : 1 May 2020 22:08
 Operator : MA/SJ
 Sample : L2463-20
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JHDS-SOUTH-C

Manual Integrations
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Quant Time: May 02 02:38:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 15:26:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	90317	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	324596	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	146498	20.00	ng	-0.01
64) Phenanthrene-d10	11.17	188	255565	20.00	ng	0.00
76) Chrysene-d12	13.82	240	220766	20.00	ng	-0.01
87) Perylene-d12	15.23	264	217926	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	540096	103.35	ng	0.00
7) Phenol-d6	6.31	99	672174	99.82	ng	0.00
23) Nitrobenzene-d5	7.22	82	409726	65.30	ng	-0.01
42) 2,4,6-Tribromophenol	10.48	330	136304	75.99	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	775479	75.16	ng	0.00
79) Terphenyl-d14	12.77	244	757120	57.71	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.41	163	101118	8.924	ng	98
71) Phenanthrene	11.20	178	49933	3.671	ng	98
75) Fluoranthene	12.39	202	107478	7.324	ng	94
78) Pyrene	12.62	202	99779	5.361	ng	98
81) Benzo(a)anthracene	13.80	228	47961m	3.302	ng	
83) Chrysene	13.84	228	51909	3.518	ng	95
86) Indeno(1,2,3-cd)pyrene	16.57	276	27781	2.136	ng	95
88) Benzo(b)fluoranthene	14.83	252	65986m	4.209	ng	
90) Benzo(a)pyrene	15.17	252	32958	2.500	ng	# 76
92) Benzo(g,h,i)perylene	16.98	276	31354	2.720	ng	# 85

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

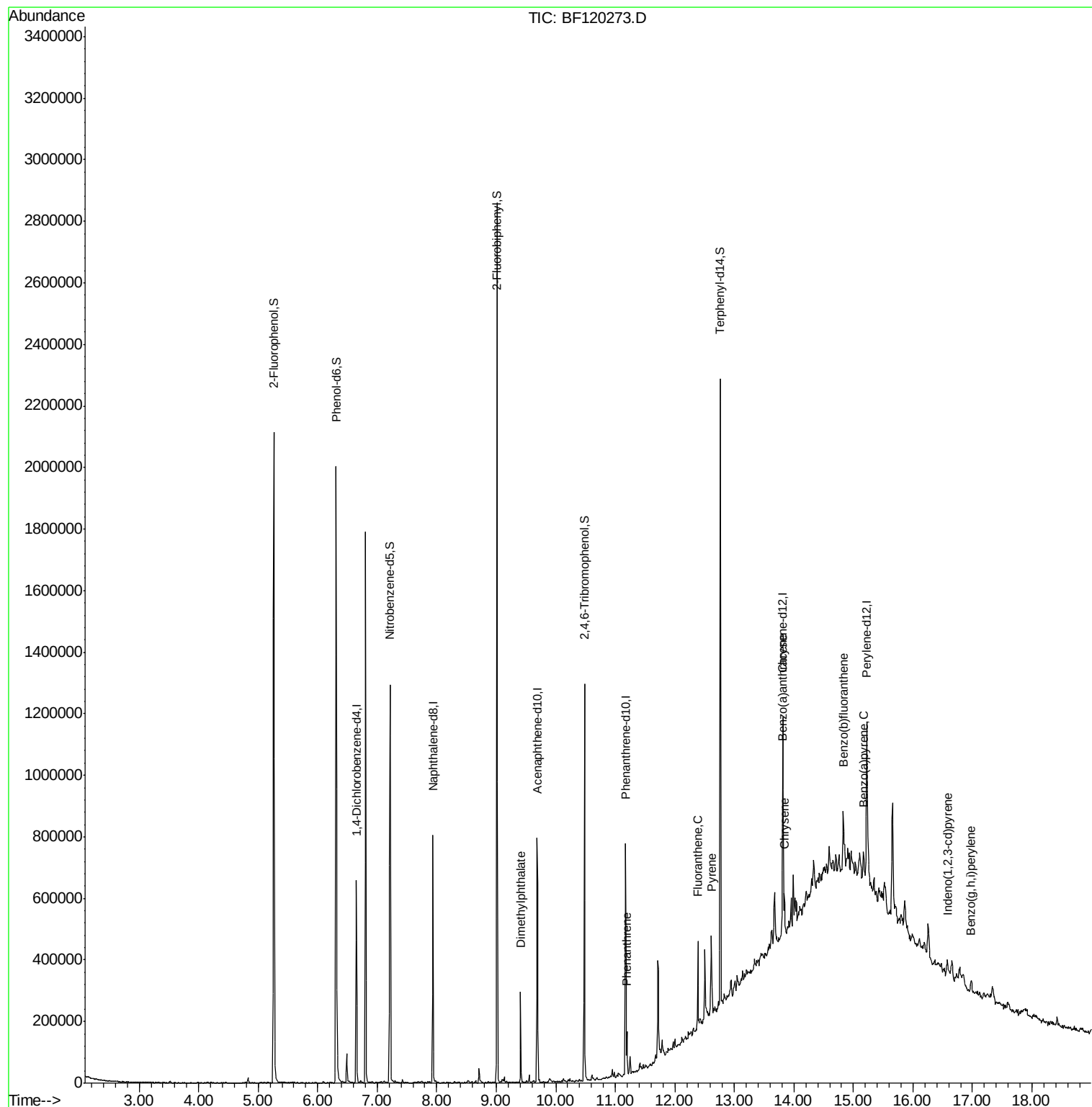
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120273.D
Acq On : 1 May 2020 22:08
Operator : MA/SJ
Sample : L2463-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

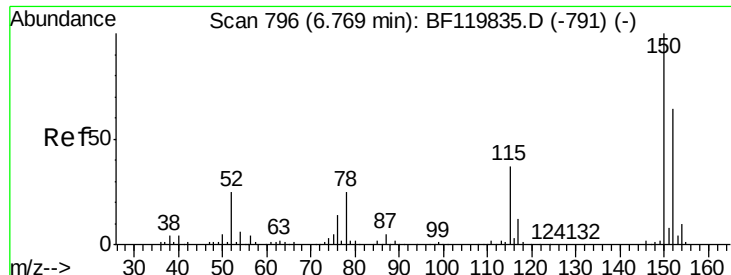
Instrument :
BNA_F
ClientSampleId :
JHDS-SOUTH-C

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

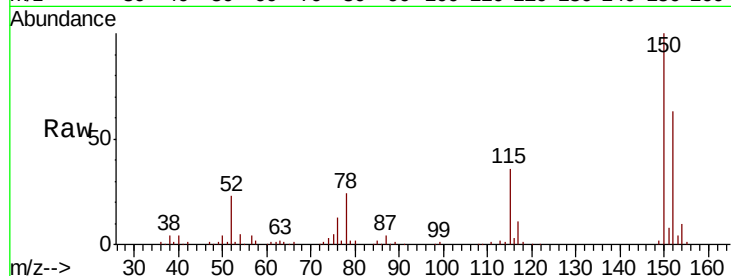
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF120273.D
Acq: 1 May 2020 22:08

Instrument :
BNA_F
ClientSampleId :
JHDS-SOUTH-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.5	186.7
115	56.6	49.6	74.4

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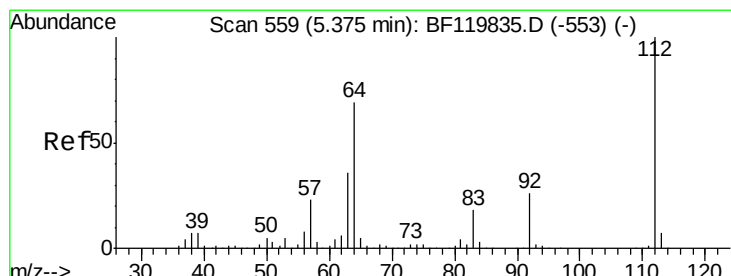
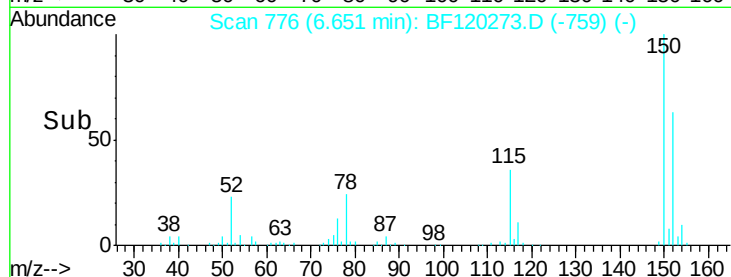
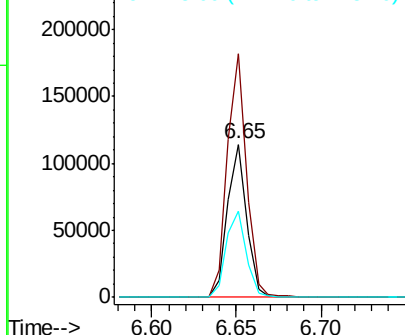


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

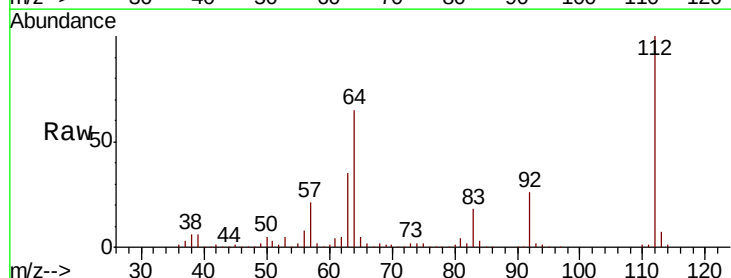
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 103.345 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF120273.D
Acq: 1 May 2020 22:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.4	56.7	85.1
63	34.8	29.5	44.3

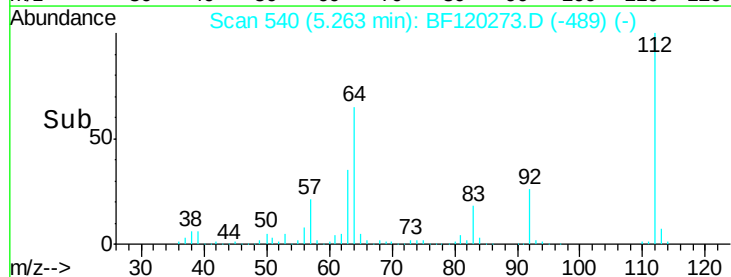
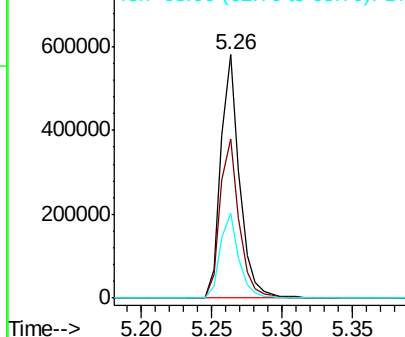


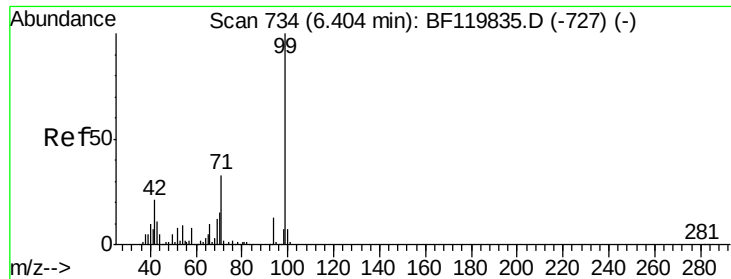
Abundance

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: 99.816 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF120273.D

Acq: 1 May 2020 22:08

Instrument :

BNA_F

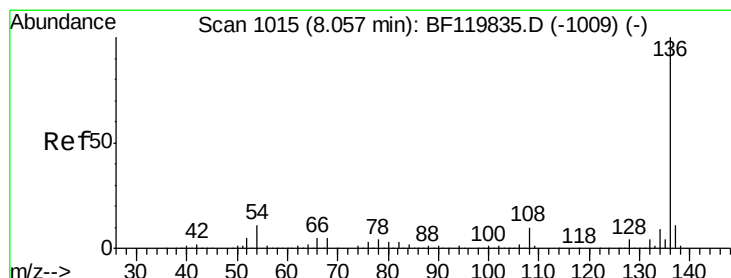
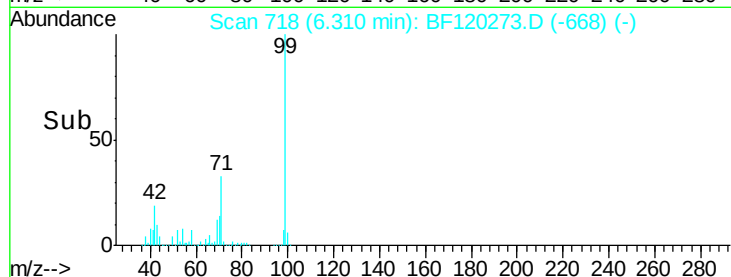
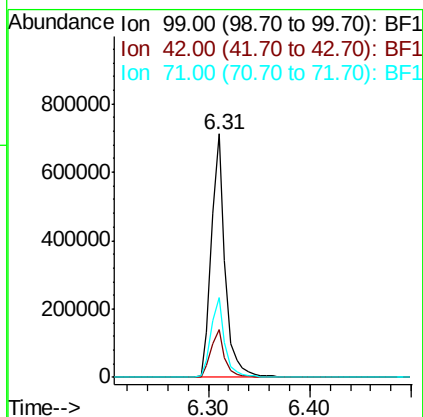
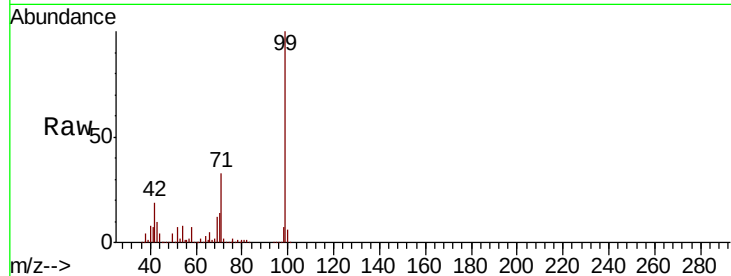
ClientSampleId :

JHDS-SOUTH-C

Tot Ion:	99	Resp:	672174
Ion Ratio	Lower	Upper	
99	100		
42	19.4	16.6	24.8
71	32.8	26.4	39.6

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#21

Naphthalene-d8

Concen: 20.000 ng

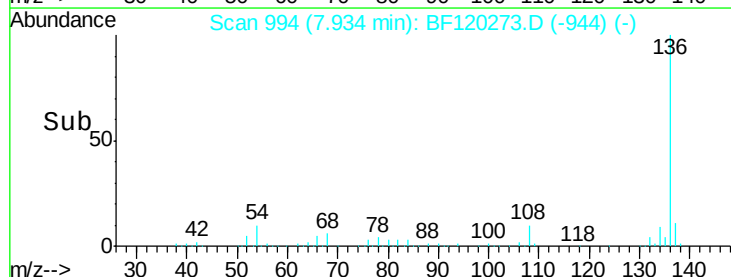
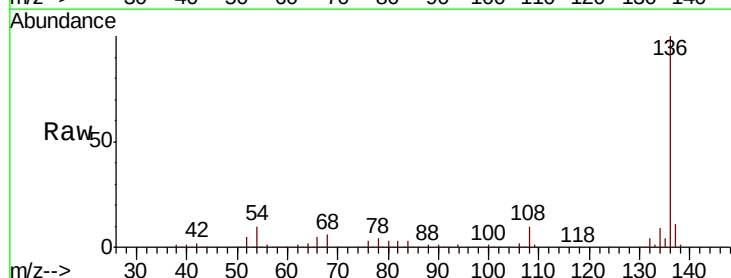
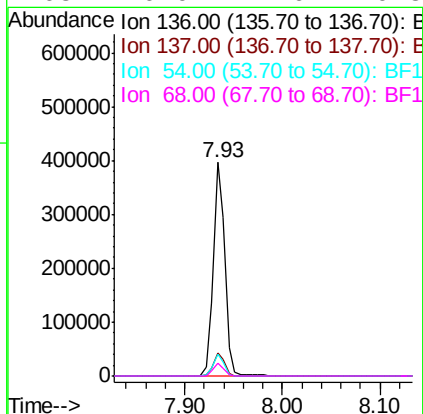
RT: 7.93 min Scan# 994

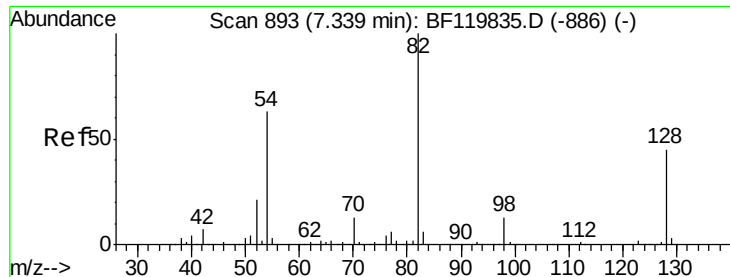
Delta R.T. -0.01 min

Lab File: BF120273.D

Acq: 1 May 2020 22:08

Tgt Ion:	136	Resp:	324596
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.7	13.1
54	10.5	9.1	13.7
68	6.0	4.6	6.8





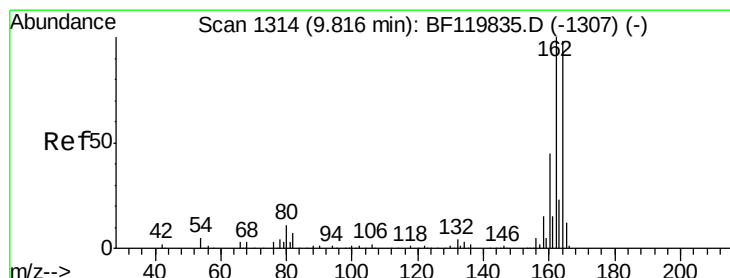
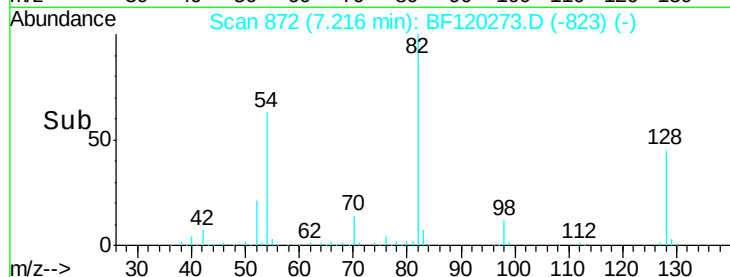
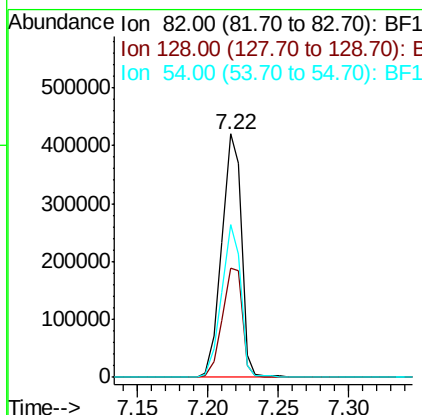
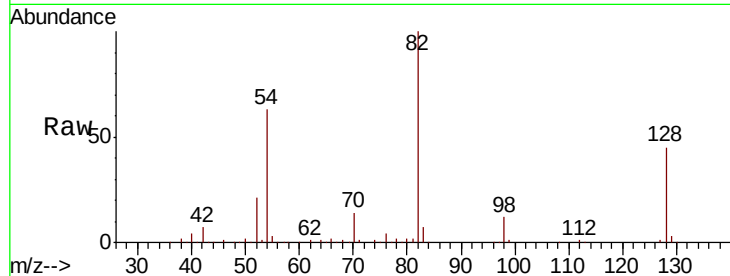
#23
Nitrobenzene-d5
Concen: 65.301 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF120273.D
Acq: 1 May 2020 22:08

Instrument :
BNA_F
ClientSampleId :
JHDS-SOUTH-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.3	54.5
54	62.8	50.6	75.8

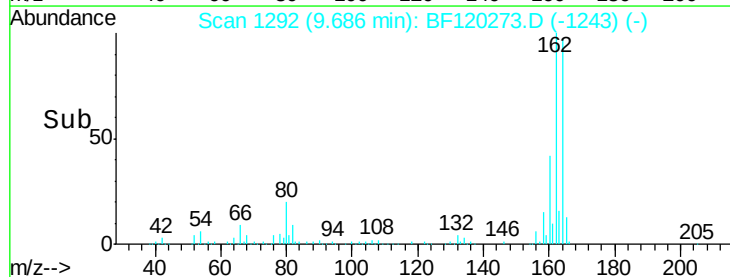
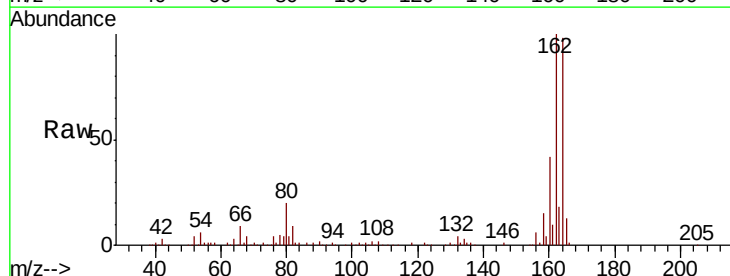
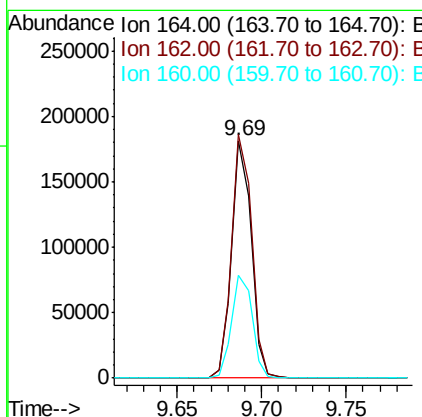
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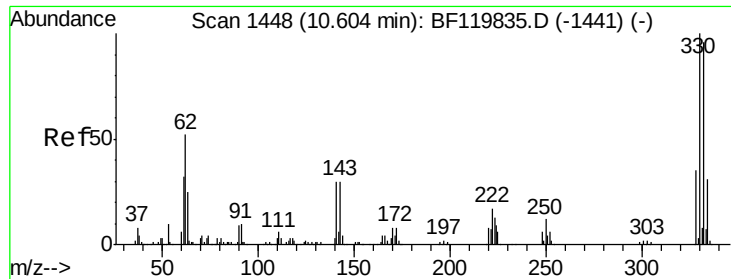
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF120273.D
Acq: 1 May 2020 22:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.6	121.0
160	43.5	35.7	53.5





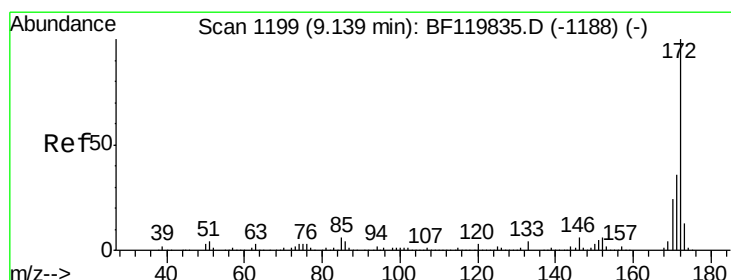
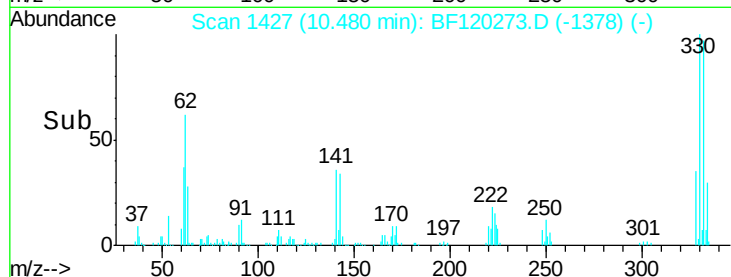
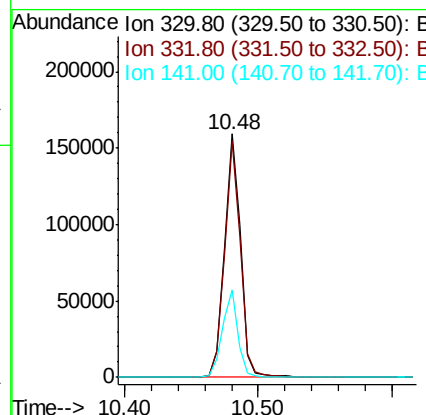
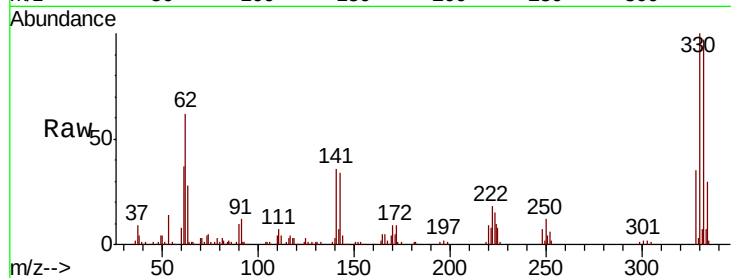
#42
 2,4,6-Tribromophenol
 Concen: 75.993 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF120273.D
 Acq: 1 May 2020 22:08

Instrument :
 BNA_F
 ClientSampleId :
 JHDS-SOUTH-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.7	113.5
141	34.7	25.4	38.0

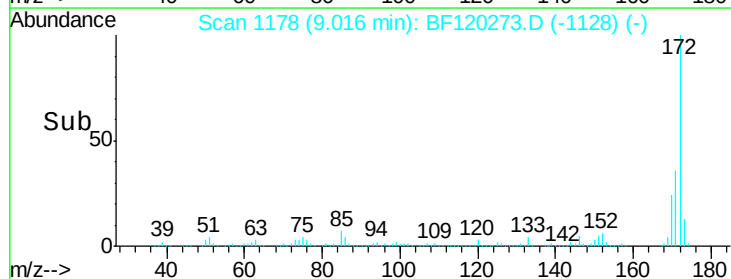
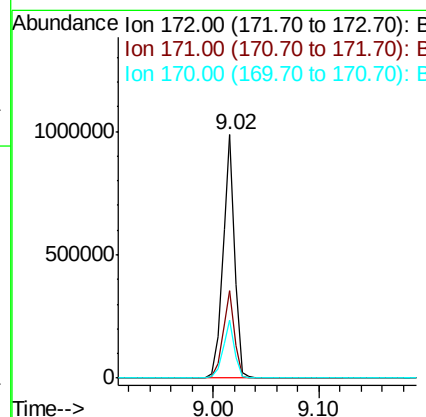
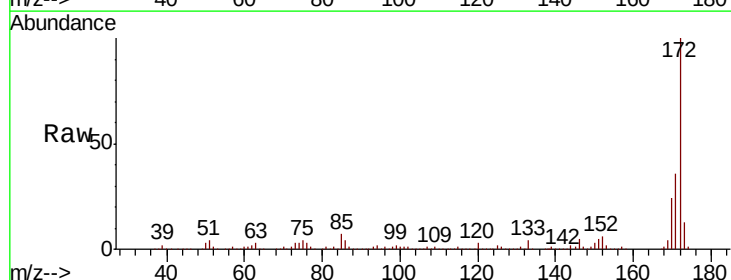
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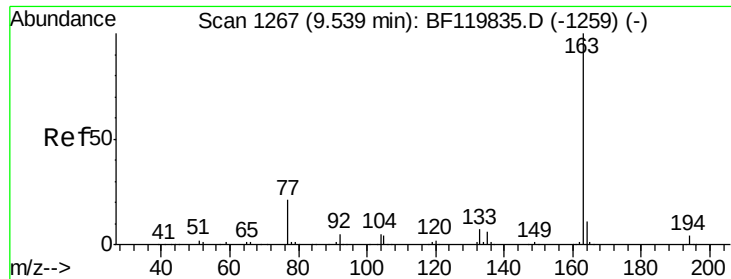
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#45
 2-Fluorobiphenyl
 Concen: 75.155 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF120273.D
 Acq: 1 May 2020 22:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.0	20.2	30.2





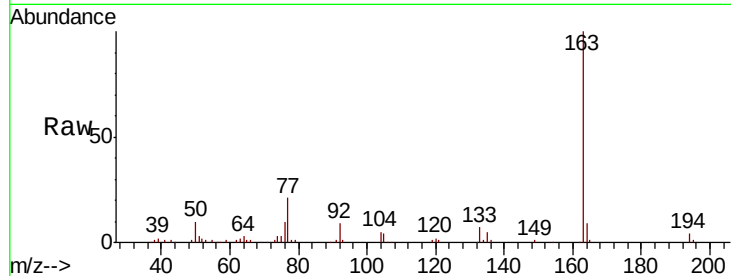
#50
Dimethylphthalate
Concen: 8.924 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF120273.D
Acq: 1 May 2020 22:08

Instrument :
BNA_F
ClientSampleId :
JHDS-SOUTH-C

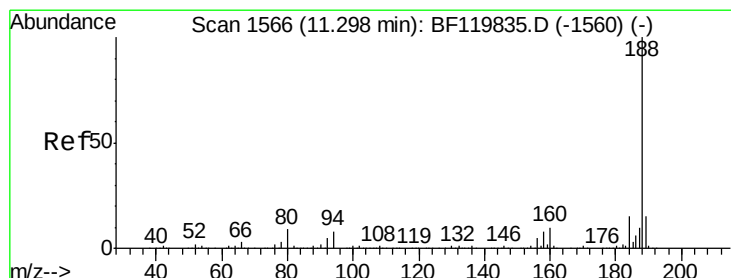
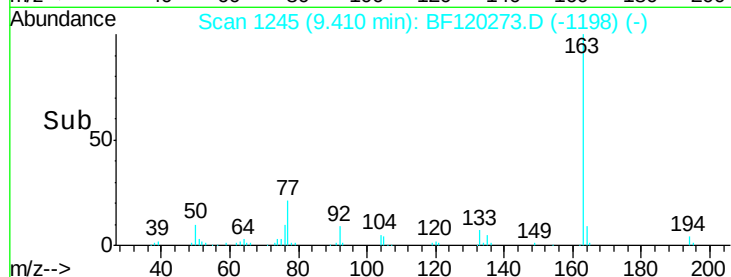
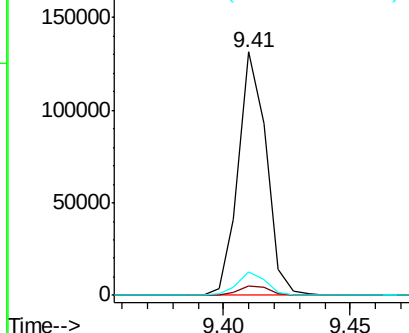
Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		101118		
194	3.6		3.1	4.7	
164	9.5		8.2	12.2	

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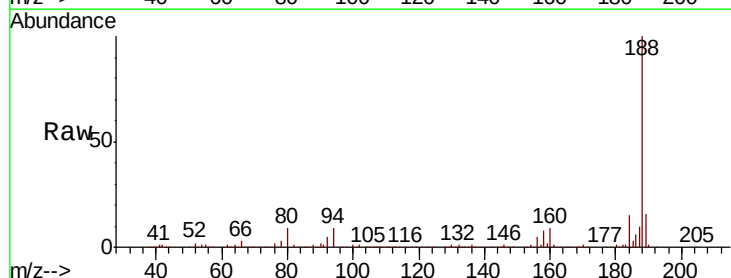


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

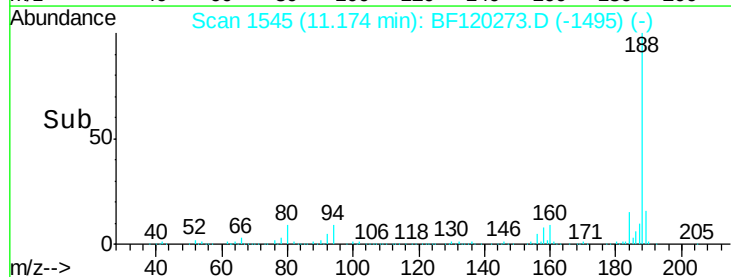
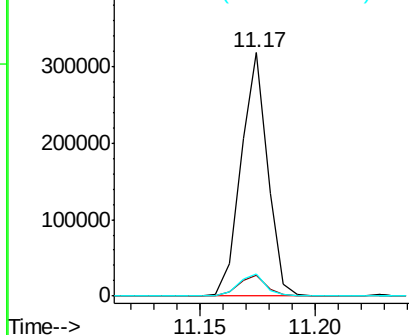


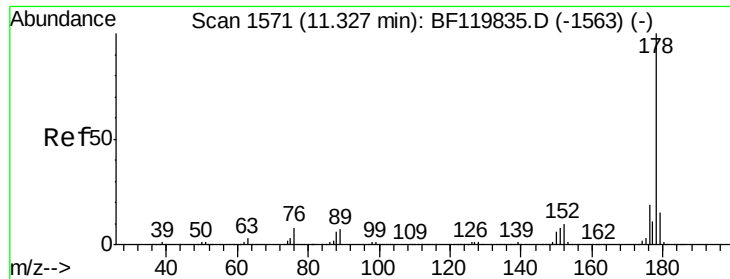
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF120273.D
Acq: 1 May 2020 22:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		255565		
94	8.8		7.5	11.3	
80	9.3		9.0	13.4	



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





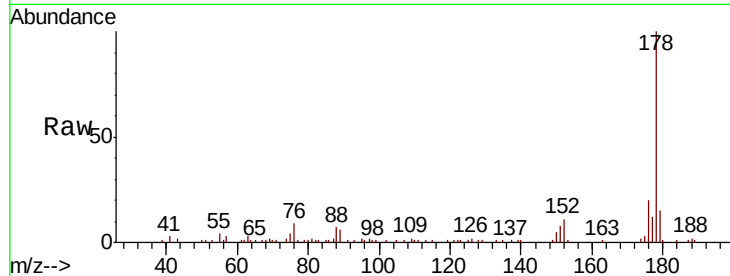
#71
Phenanthrene
Concen: 3.671 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF120273.D
Acq: 1 May 2020 22:08

Instrument :
BNA_F
ClientSampleId :
JHDS-SOUTH-C

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.4
179	15.4	13.2	19.8

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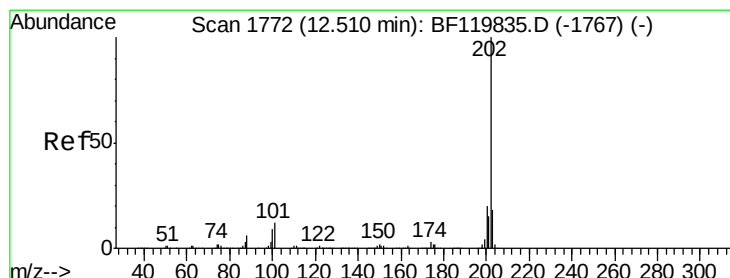
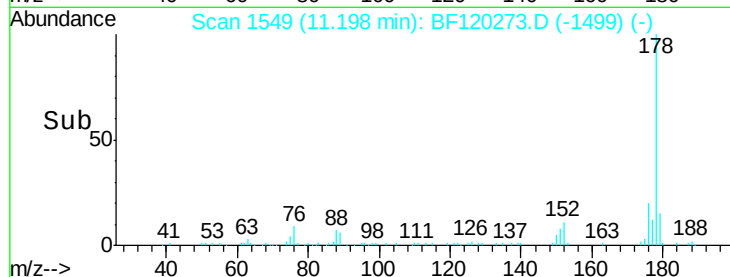
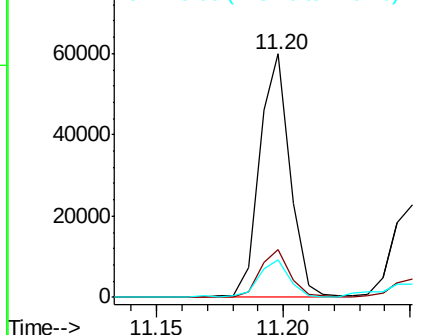


Abundance

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: 7.324 ng
RT: 12.39 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BF120273.D
Acq: 1 May 2020 22:08

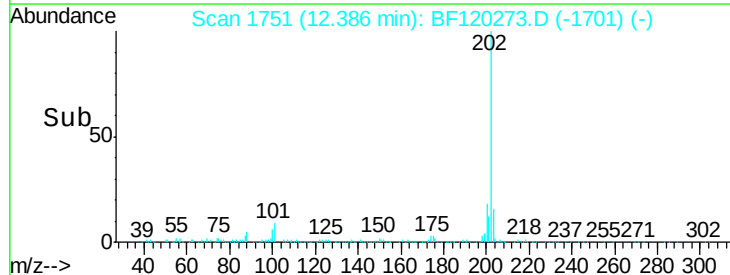
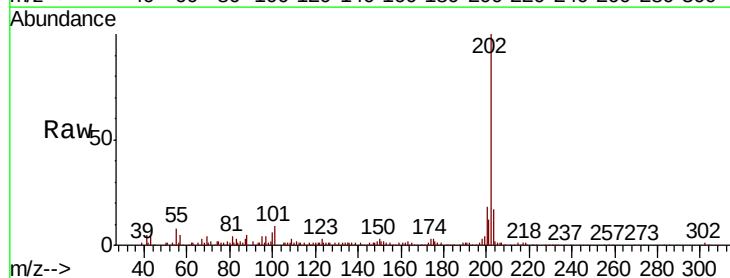
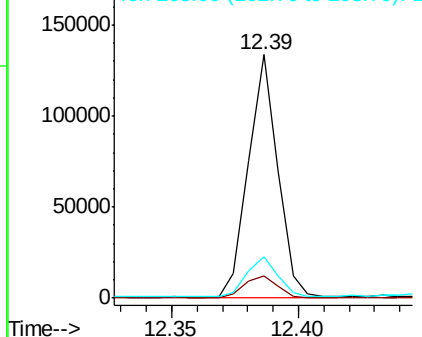
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	32.2
203	16.9	0.0	38.8

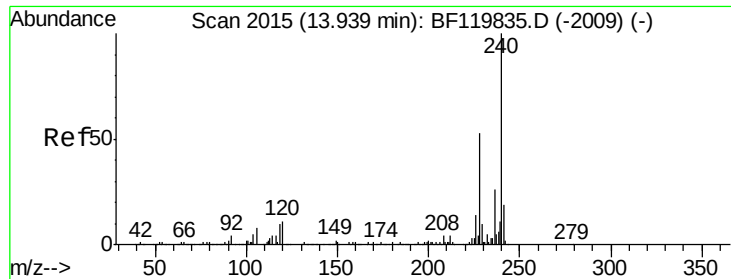
Abundance

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





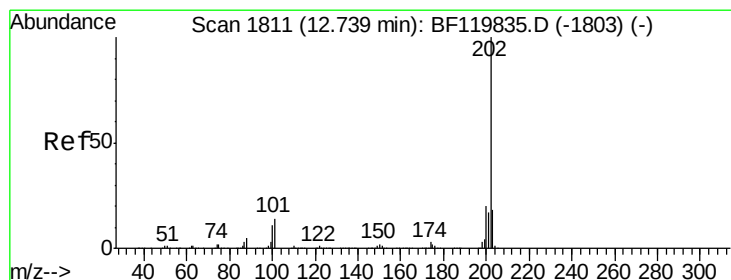
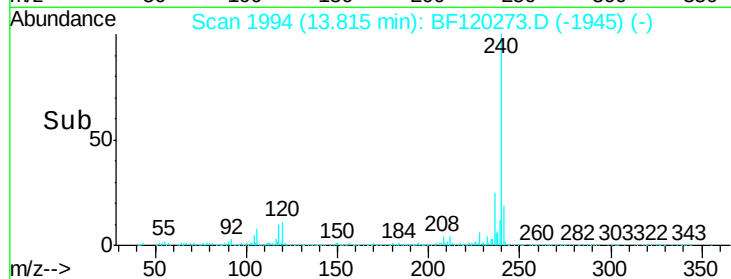
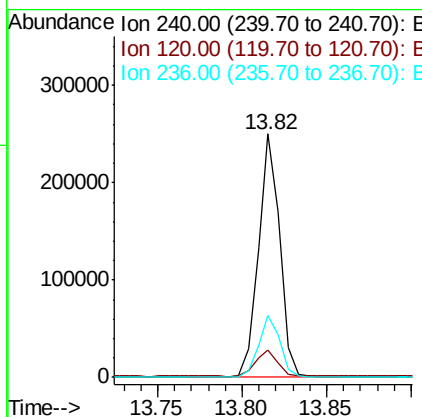
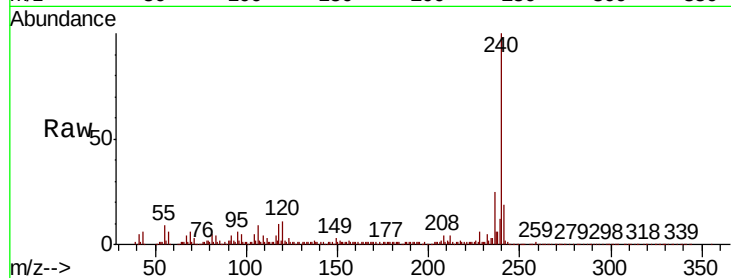
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF120273.D
Acq: 1 May 2020 22:08

Instrument :
BNA_F
ClientSampleId :
JHDS-SOUTH-C

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.1	10.6	15.8
236	25.4	20.2	30.2

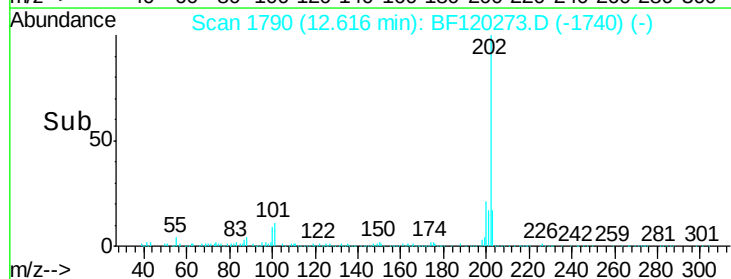
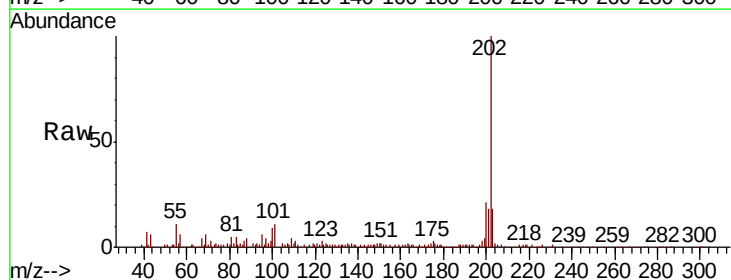
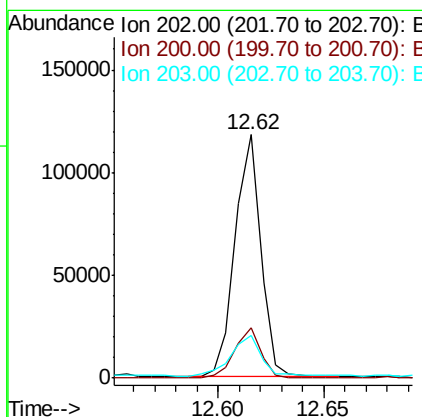
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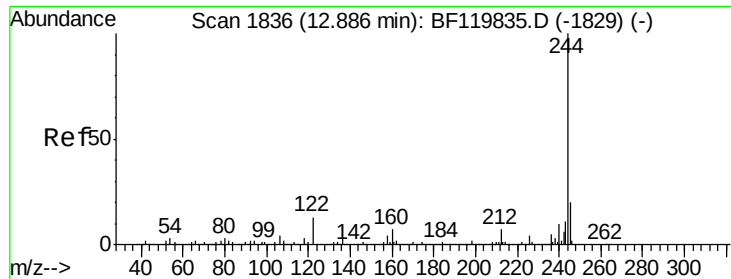
mohammad
5/4/2020 3:45:39 PM



#78
Pyrene
Concen: 5.361 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF120273.D
Acq: 1 May 2020 22:08

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.8	25.2
203	17.5	15.1	22.7





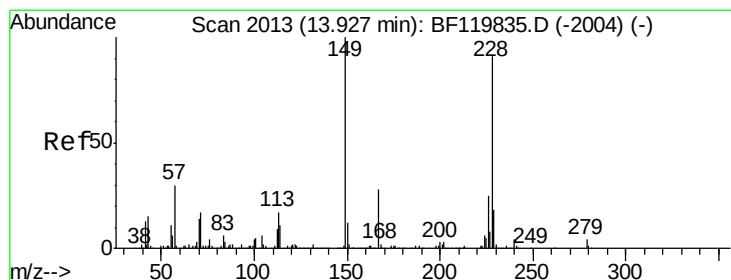
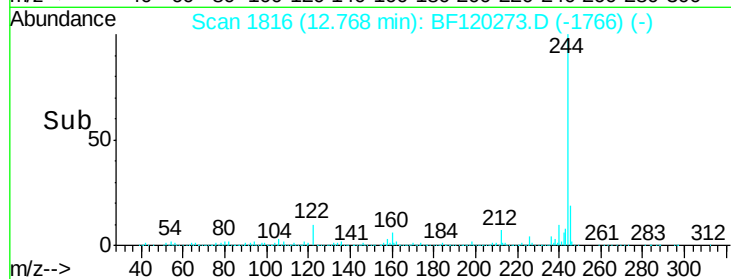
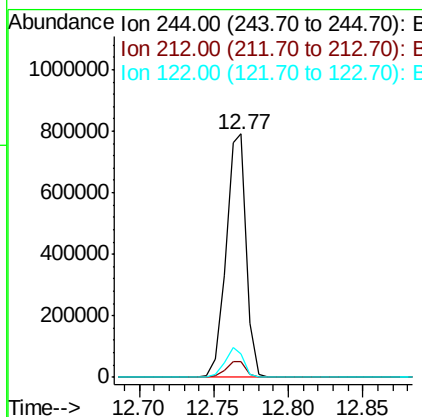
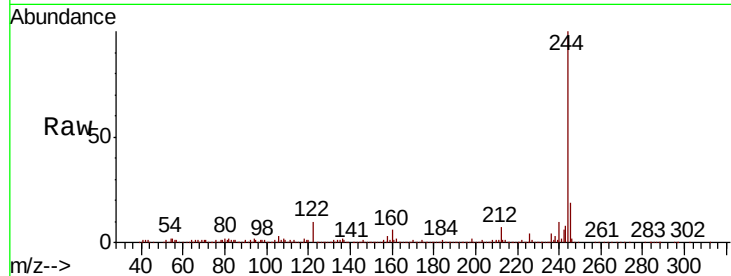
#79
 Terphenyl-d14
 Concen: 57.707 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BF120273.D
 Acq: 1 May 2020 22:08

Instrument :
 BNA_F
 ClientSampled :
 JHDS-SOUTH-C

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	9.8	10.3	15.5

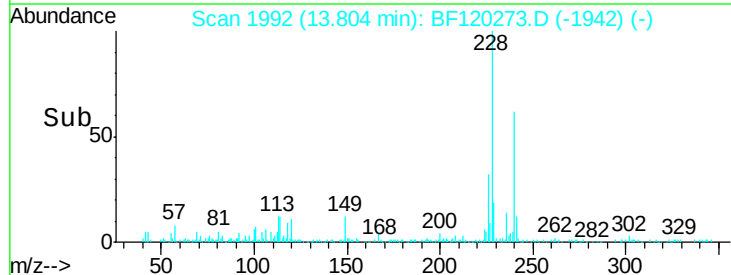
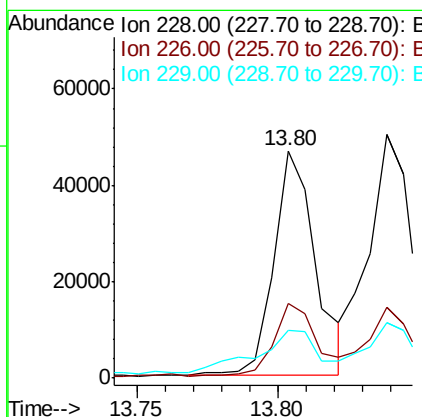
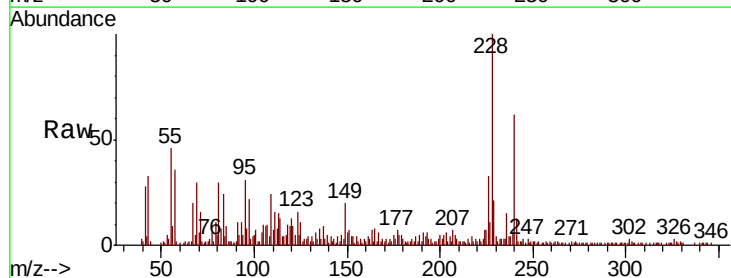
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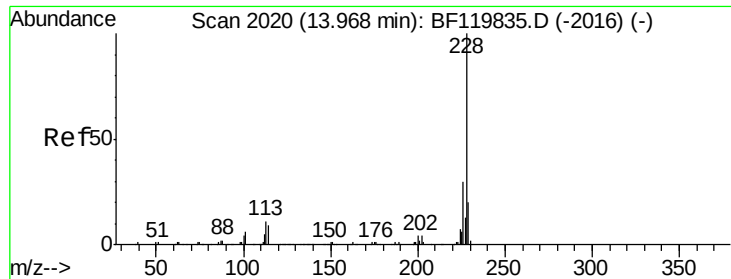
mohammad
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#81
 Benzo(a)anthracene
 Concen: 3.302 ng m
 RT: 13.80 min Scan# 1992
 Delta R.T. -0.01 min
 Lab File: BF120273.D
 Acq: 1 May 2020 22:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.9	21.8	32.8
229	21.2	16.2	24.4





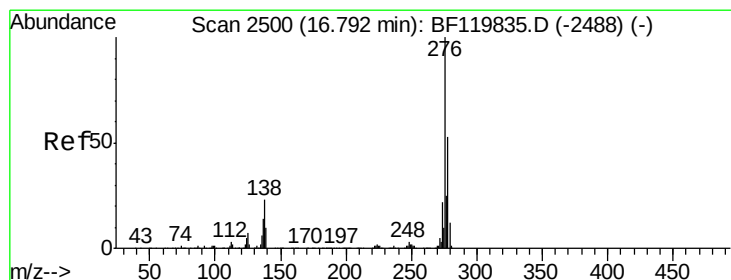
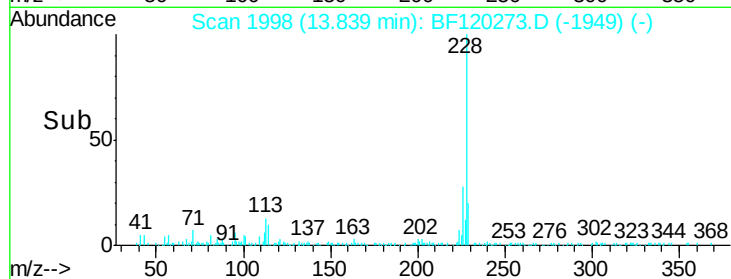
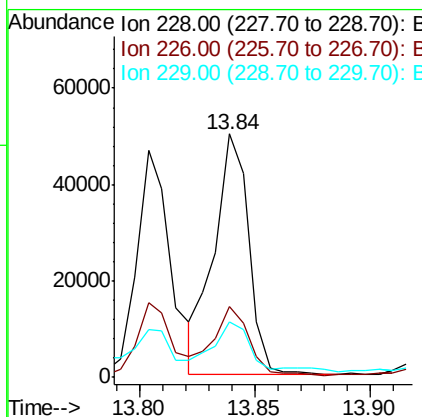
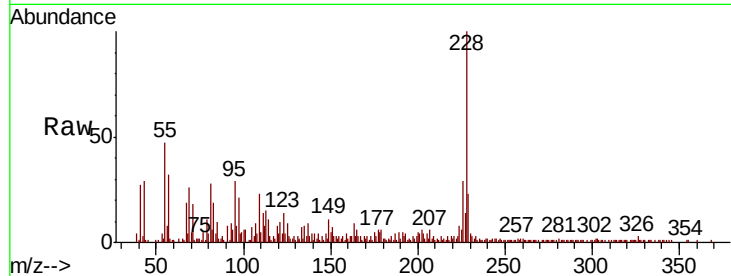
#83
Chrysene
Concen: 3.518 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF120273.D
Acq: 1 May 2020 22:08

Instrument :
BNA_F
ClientSampleId :
JHDS-SOUTH-C

Tot Ion:228	Resp:	51909
Ion Ratio	Lower	Upper
228 100		
226 29.2	25.4	38.0
229 23.0	16.6	24.8

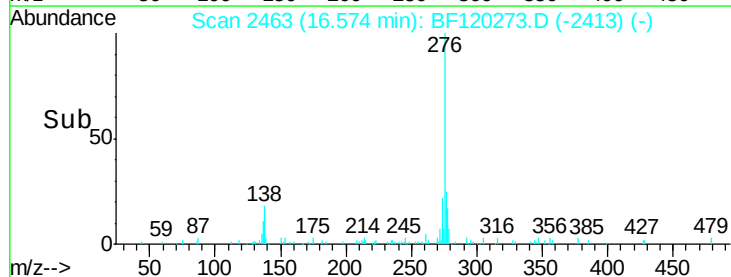
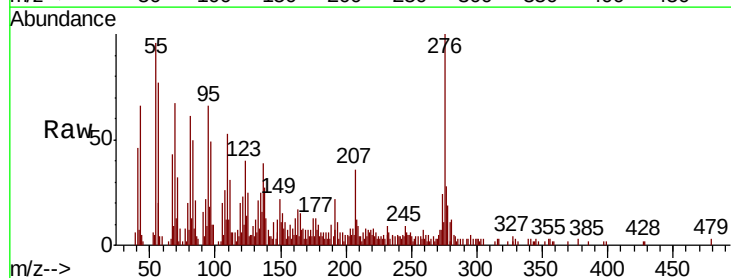
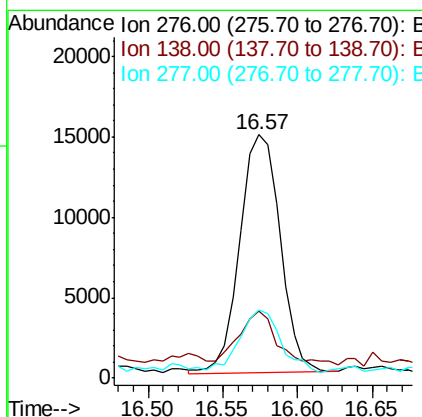
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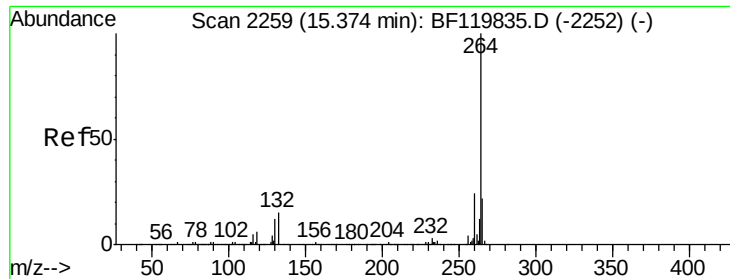
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.136 ng
RT: 16.57 min Scan# 2463
Delta R.T. -0.01 min
Lab File: BF120273.D
Acq: 1 May 2020 22:08

Tgt Ion:276	Resp:	27781
Ion Ratio	Lower	Upper
276 100		
138 21.6	19.6	29.4
277 27.2	20.0	30.0





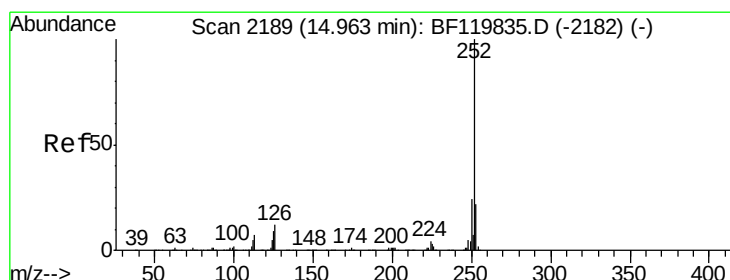
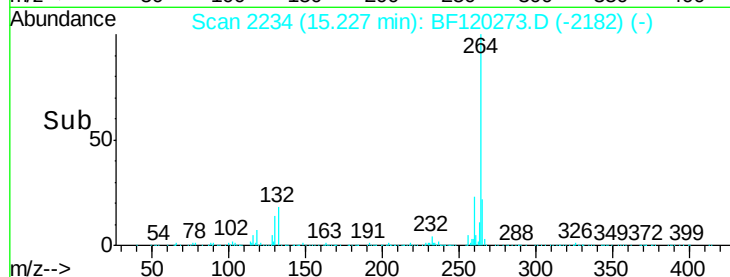
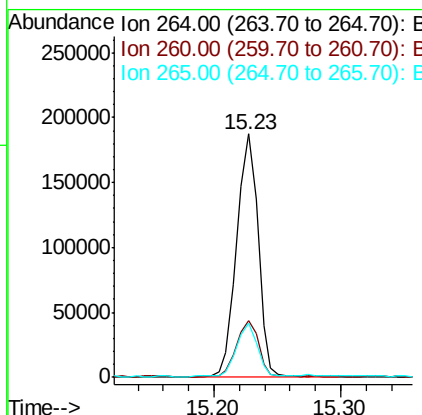
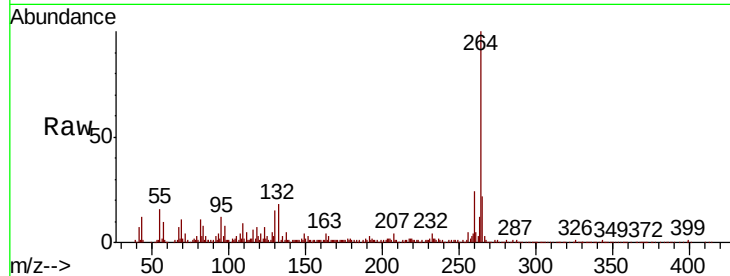
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BF120273.D
Acq: 1 May 2020 22:08

Instrument :
BNA_F
ClientSampleId :
JHDS-SOUTH-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	22.0	17.7	26.5

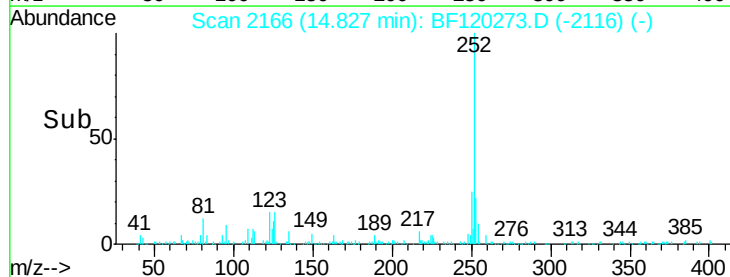
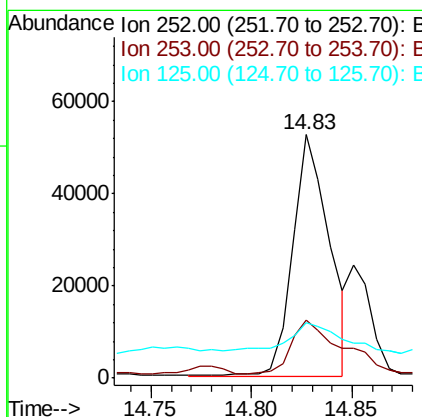
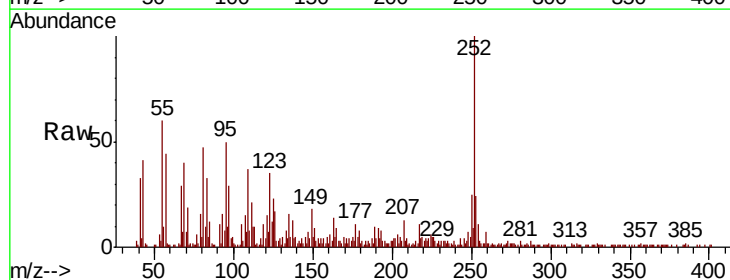
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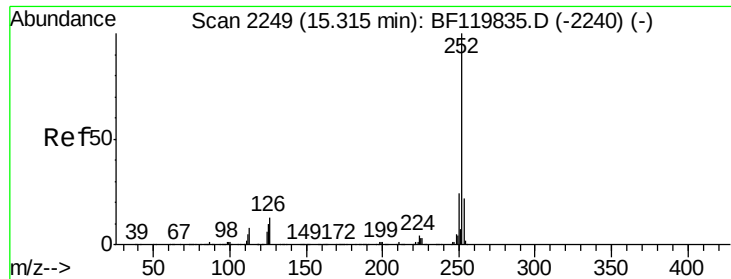
mohammad
5/4/2020 3:45:39 PM



#88
Benzo(b)fluoranthene
Concen: 4.209 ng m
RT: 14.83 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BF120273.D
Acq: 1 May 2020 22:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.4	26.0
125	22.9	7.9	11.9





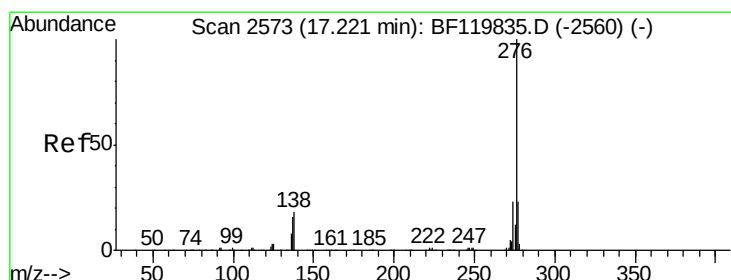
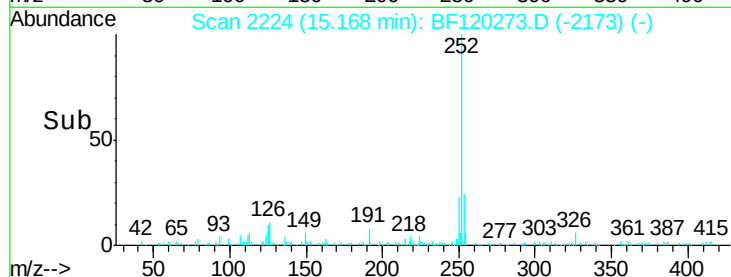
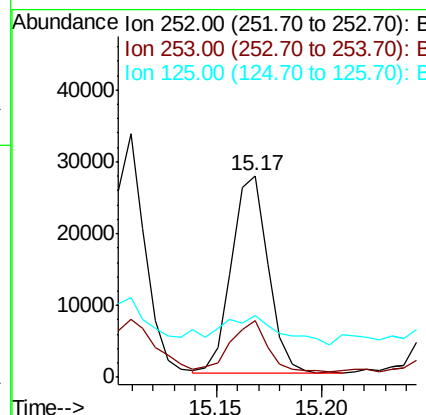
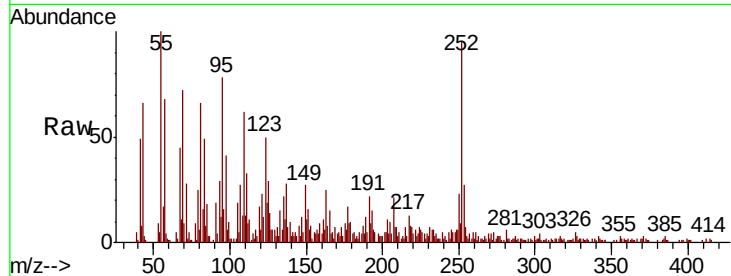
#90
Benzo(a)pyrene
Concen: 2.500 ng
RT: 15.17 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BF120273.D
Acq: 1 May 2020 22:08

Instrument :
BNA_F
ClientSampleId :
JHDS-SOUTH-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.3	18.2	27.2#
125	30.5	9.4	14.2#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.720 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.01 min
Lab File: BF120273.D
Acq: 1 May 2020 22:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.4	18.4	27.6
138	32.0	15.4	23.0#

