

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
 Data File : BF120199.D
 Acq On : 24 Apr 2020 13:50
 Operator : MA/SJ
 Sample : L2351-10
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-21A

Manual Integrations
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Quant Time: Apr 24 14:26:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 10:24:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	177571	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	656148	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	311306	20.00	ng	0.00
64) Phenanthrene-d10	11.18	188	448550	20.00	ng	0.00
76) Chrysene-d12	13.82	240	321173	20.00	ng	-0.01
87) Perylene-d12	15.22	264	300945	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	872036	84.87	ng	0.00
7) Phenol-d6	6.32	99	1117146	84.38	ng	0.00
23) Nitrobenzene-d5	7.23	82	689161	54.34	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	234643	61.56	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1275980	58.19	ng	0.00
79) Terphenyl-d14	12.77	244	1024643	53.68	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.42	163	199389	8.281	ng	100
75) Fluoranthene	12.39	202	65542	2.545	ng	97
78) Pyrene	12.62	202	82310	3.040	ng	97
81) Benzo(a)anthracene	13.81	228	50408	2.386	ng	# 78
83) Chrysene	13.84	228	54172	2.523	ng	# 93
86) Indeno(1,2,3-cd)pyrene	16.57	276	46423	2.453	ng	95
88) Benzo(b)fluoranthene	14.83	252	96012m	4.435	ng	
90) Benzo(a)pyrene	15.16	252	72896	4.005	ng	# 96
92) Benzo(g,h,i)perylene	16.97	276	46983	2.952	ng	# 90

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

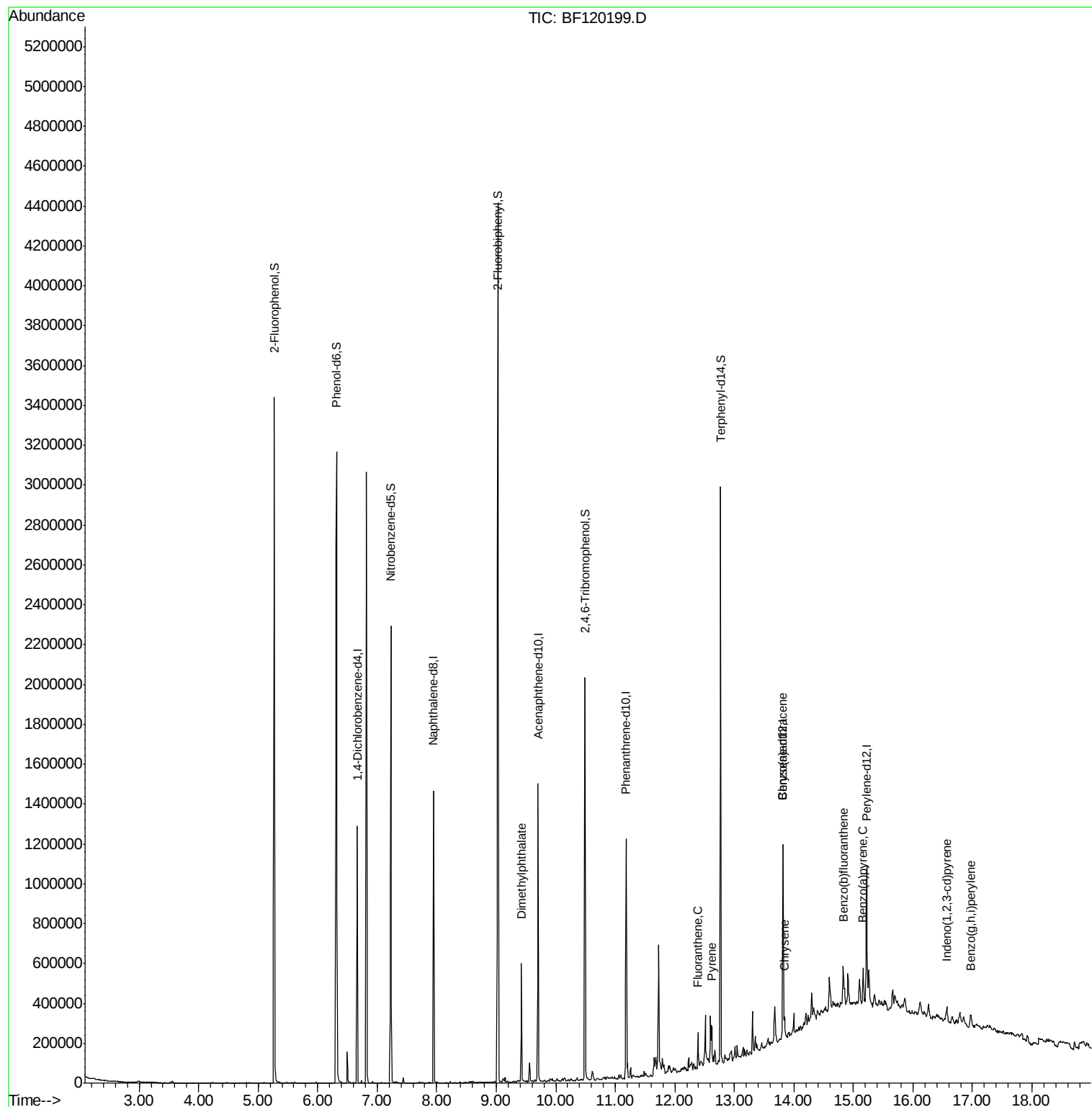
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120199.D
Acq On : 24 Apr 2020 13:50
Operator : MA/SJ
Sample : L2351-10
Misc :
ALS Vial : 42 Sample Multiplier: 1

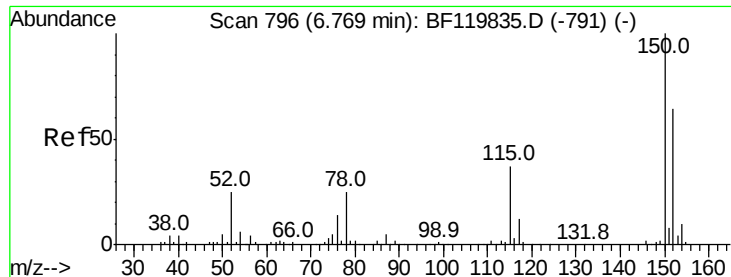
Instrument :
BNA_F
ClientSampleId :
TP-21A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

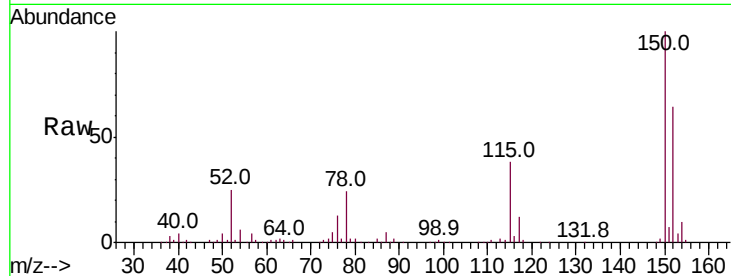
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF120199.D
Acq: 24 Apr 2020 13:50

Instrument :
BNA_F
ClientSampled :
TP-21A

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.5	186.7
115	58.8	49.6	74.4

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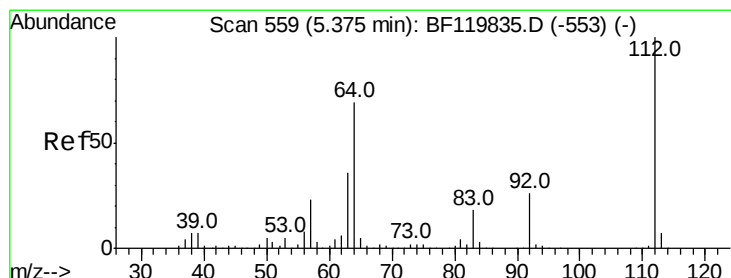
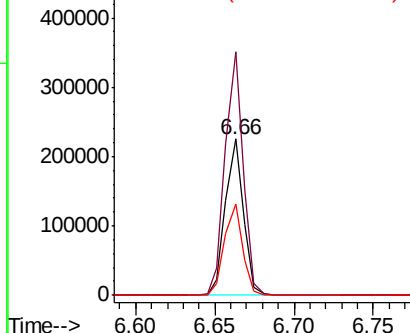
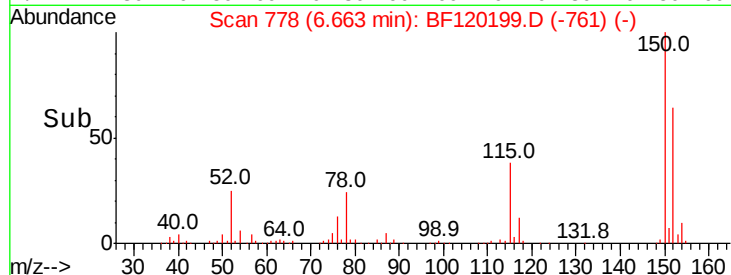


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

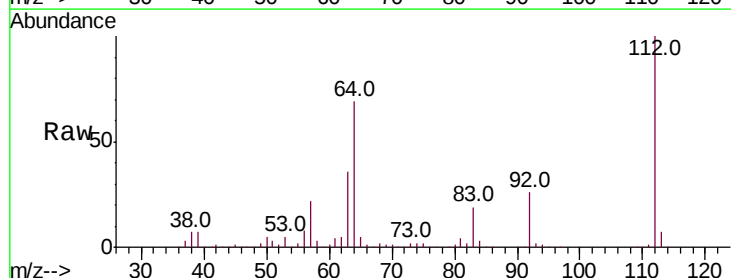
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 84.870 ng
RT: 5.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF120199.D
Acq: 24 Apr 2020 13:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.6	56.7	85.1
63	35.5	29.5	44.3

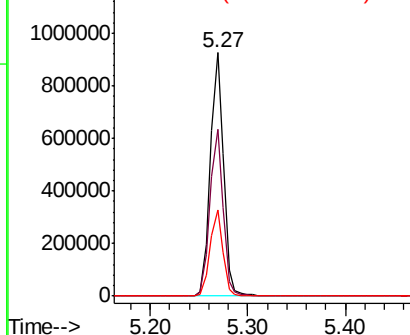
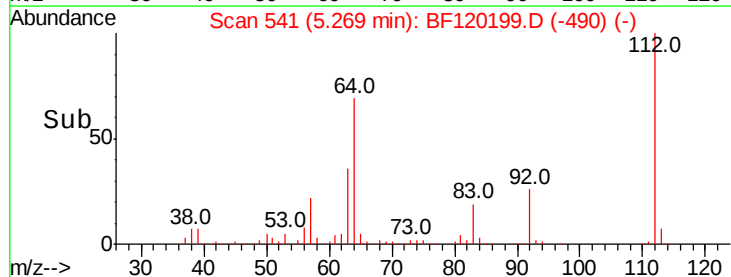


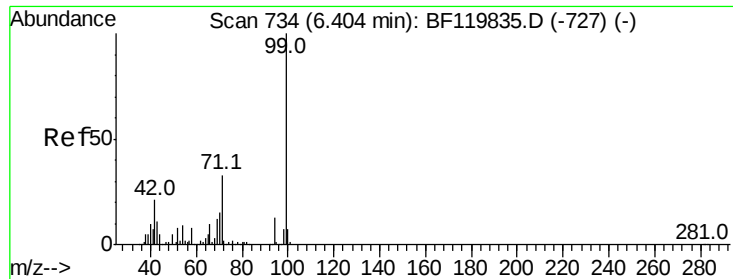
Abundance

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: 84.378 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF120199.D

Acq: 24 Apr 2020 13:50

Instrument :

BNA_F

ClientSampled :

TP-21A

Tot Ion: 99 Resp: 1117146

Ion Ratio Lower Upper

99 100

42 19.2 16.6 24.8

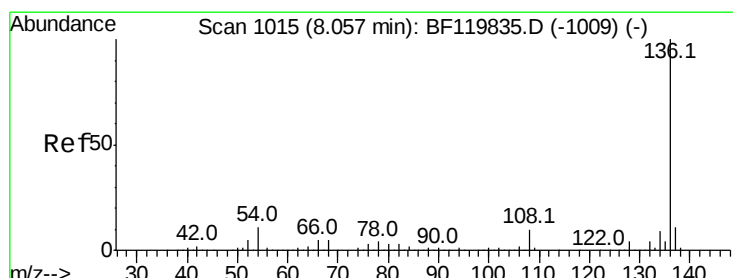
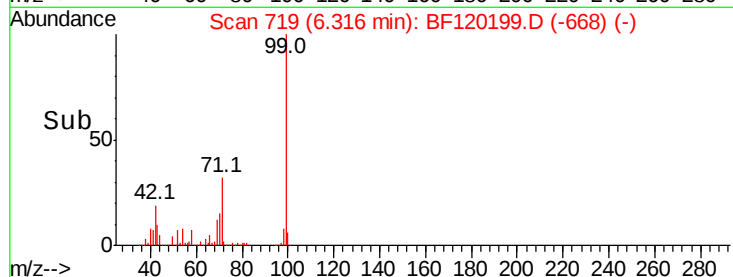
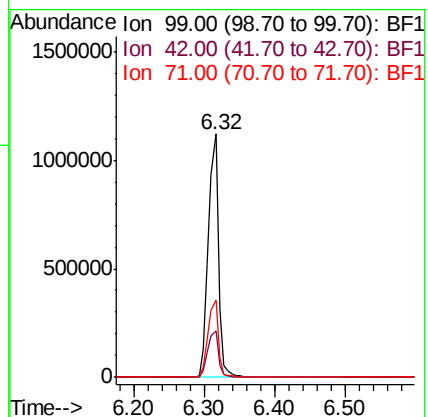
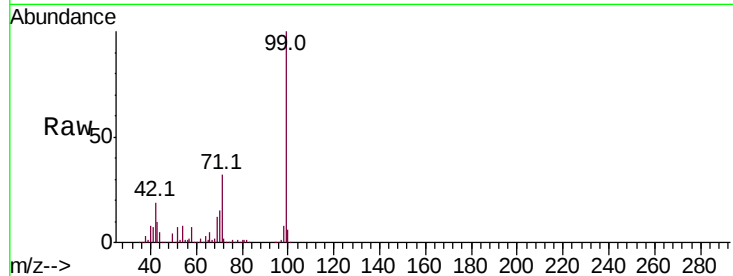
71 31.9 26.4 39.6

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF120199.D

Acq: 24 Apr 2020 13:50

Tgt Ion: 136 Resp: 656148

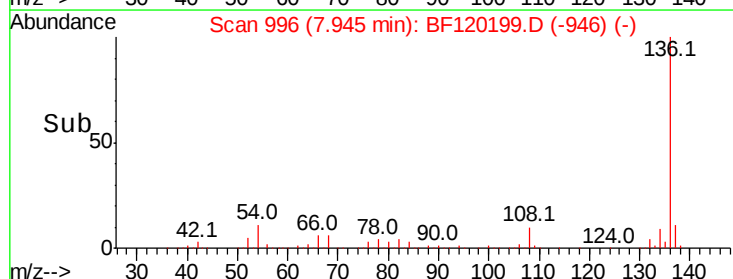
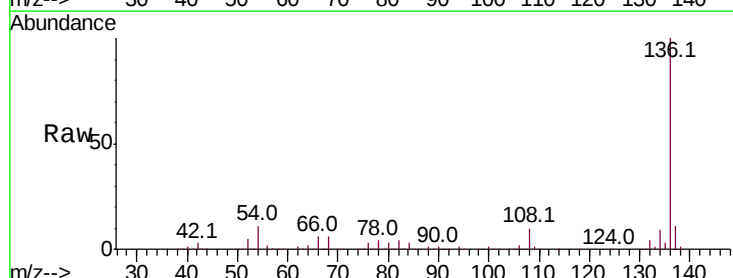
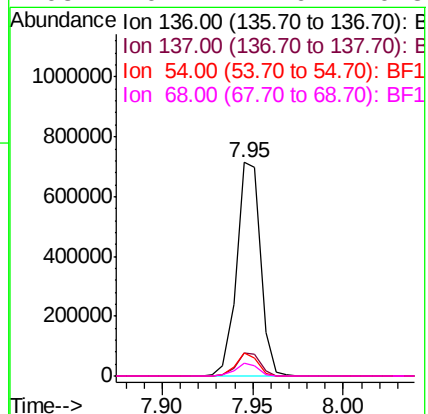
Ion Ratio Lower Upper

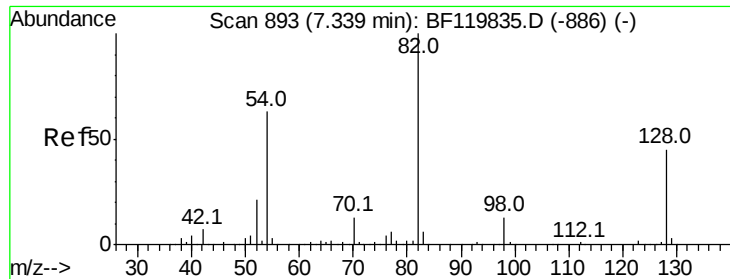
136 100

137 11.1 8.7 13.1

54 10.9 9.1 13.7

68 6.1 4.6 6.8





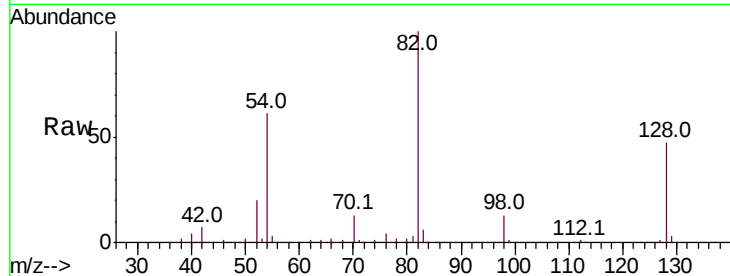
#23
 Nitrobenzene-d5
 Concen: 54.336 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF120199.D
 Acq: 24 Apr 2020 13:50

Instrument :
 BNA_F
 ClientSampled :
 TP-21A

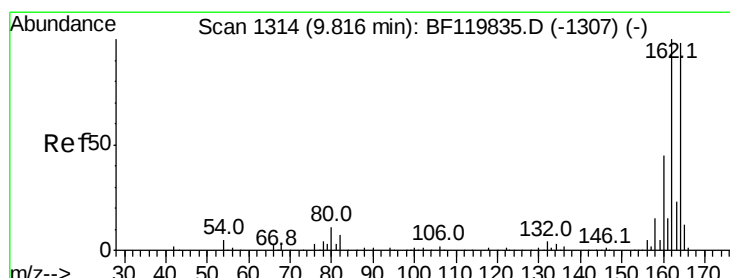
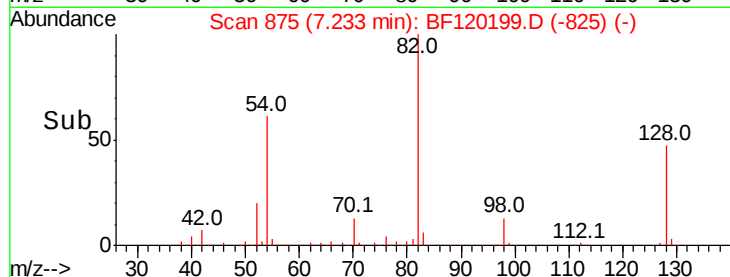
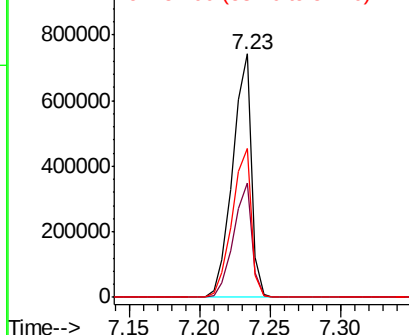
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.3	54.5
54	61.3	50.6	75.8

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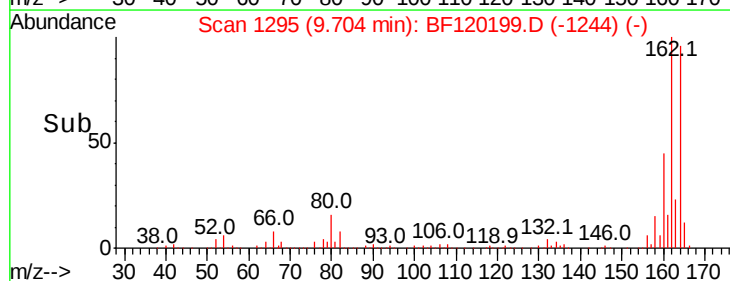
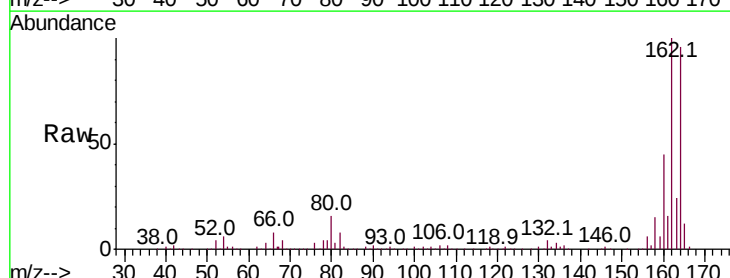
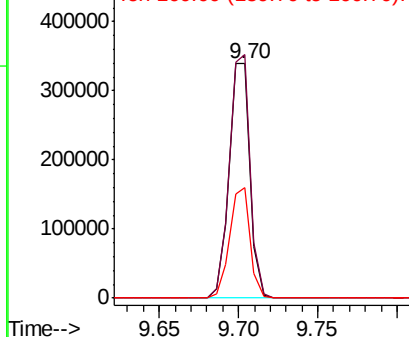
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

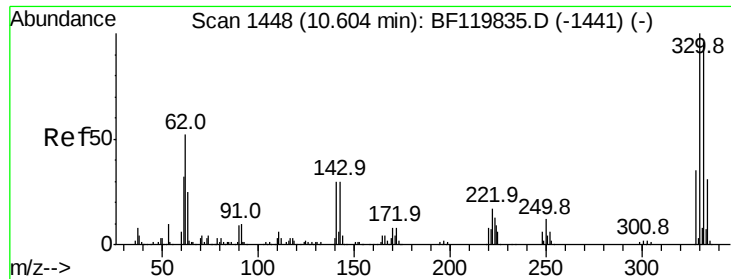


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BF120199.D
 Acq: 24 Apr 2020 13:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	80.6	121.0
160	47.2	35.7	53.5

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





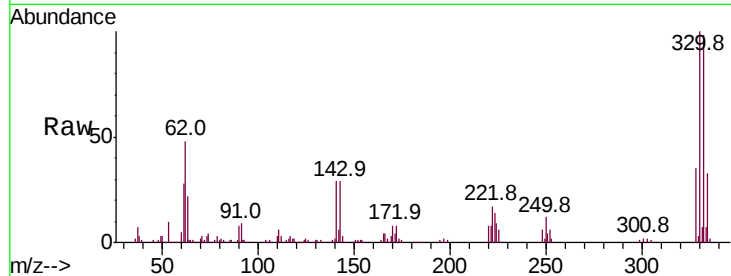
#42
 2,4,6-Tribromophenol
 Concen: 61.563 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF120199.D
 Acq: 24 Apr 2020 13:50

Instrument :
 BNA_F
 ClientSampleId :
 TP-21A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.7	113.5
141	35.9	25.4	38.0

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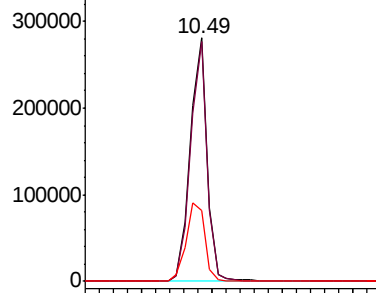


Abundance

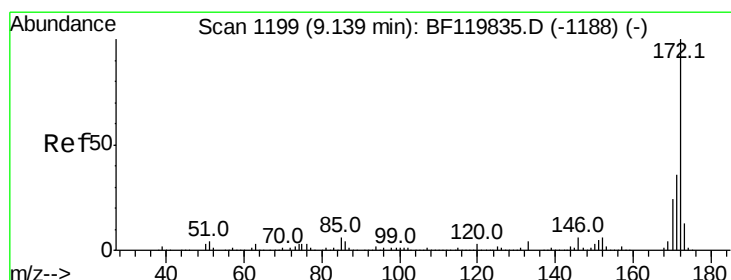
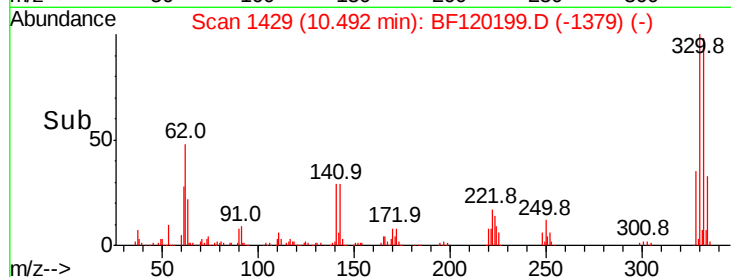
Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

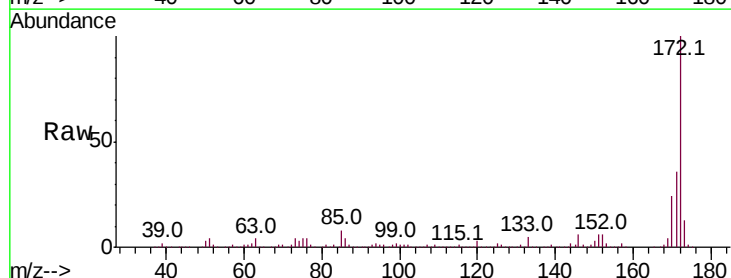


Time-->



#45
 2-Fluorobiphenyl
 Concen: 58.194 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF120199.D
 Acq: 24 Apr 2020 13:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.2	20.2	30.2

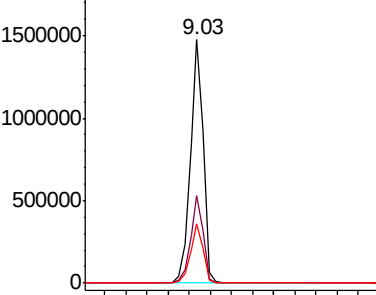


Abundance

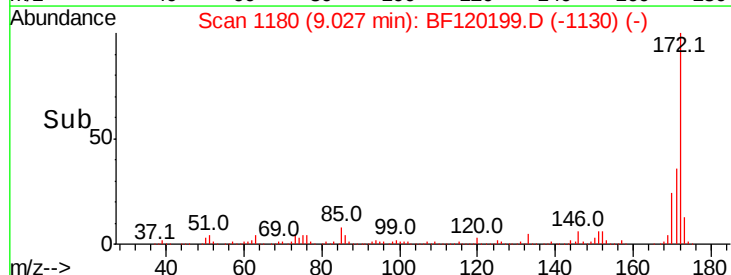
Ion 172.00 (171.70 to 172.70): E

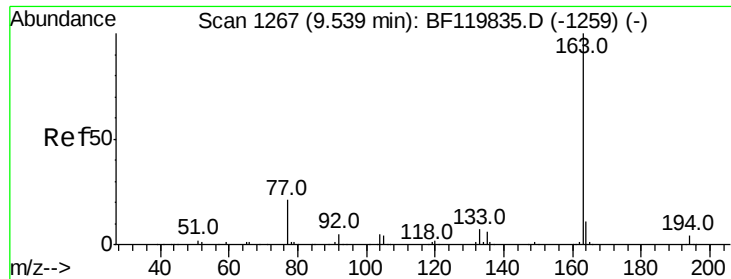
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->





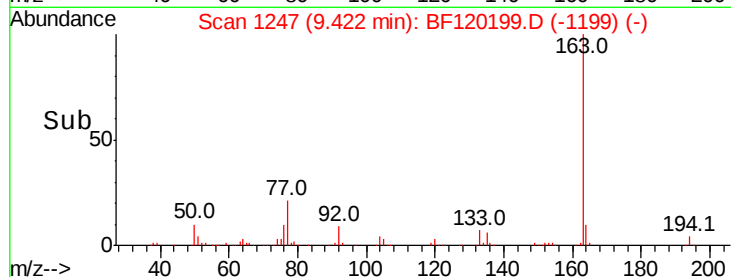
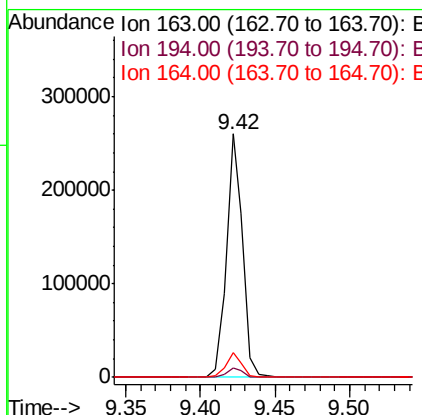
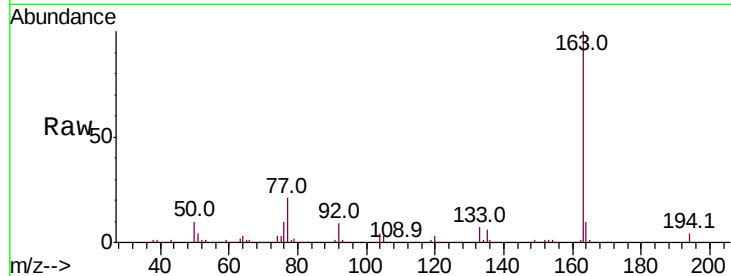
#50
Dimethylphthalate
Concen: 8.281 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF120199.D
Acq: 24 Apr 2020 13:50

Instrument :
BNA_F
ClientSampleId :
TP-21A

Tot Ion	Ratio	Resp	Lower	Upper
163	100	199389		
194	3.7		3.1	4.7
164	10.2		8.2	12.2

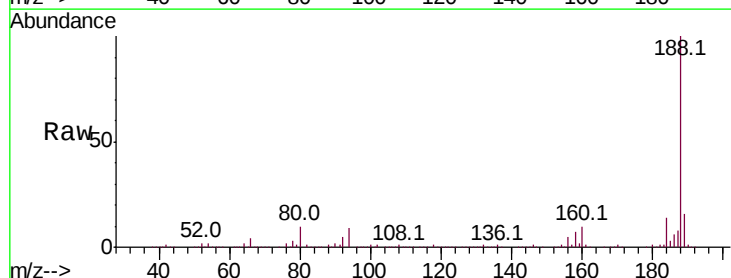
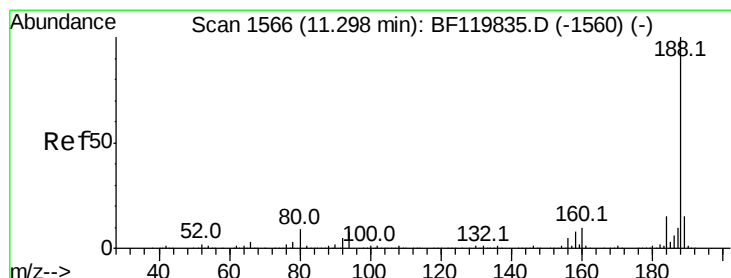
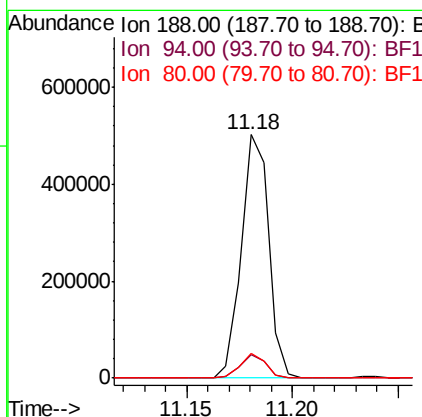
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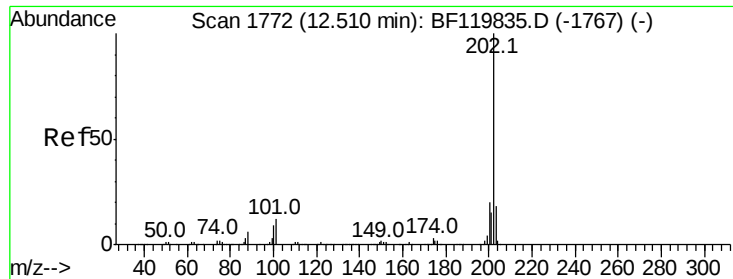
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF120199.D
Acq: 24 Apr 2020 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	448550		
94	9.4		7.5	11.3
80	10.3		9.0	13.4





#75

Fluoranthene

Concen: 2.545 ng

RT: 12.39 min Scan# 1752

Delta R.T. -0.01 min

Lab File: BF120199.D

Acq: 24 Apr 2020 13:50

Instrument :

BNA_F

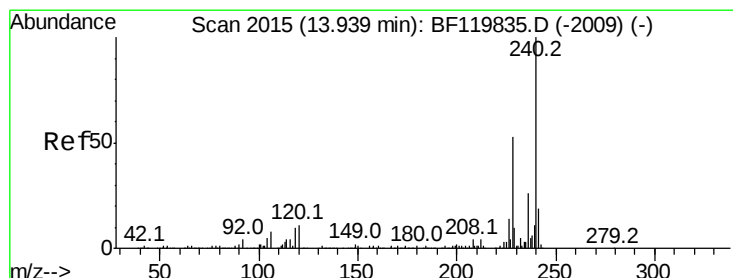
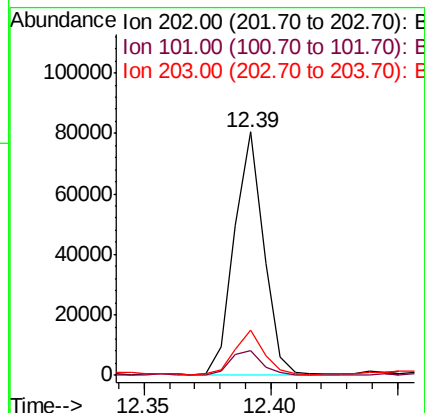
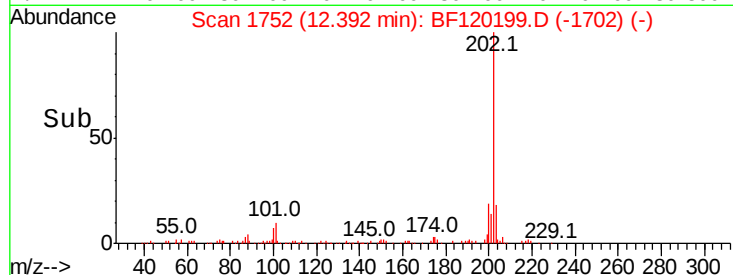
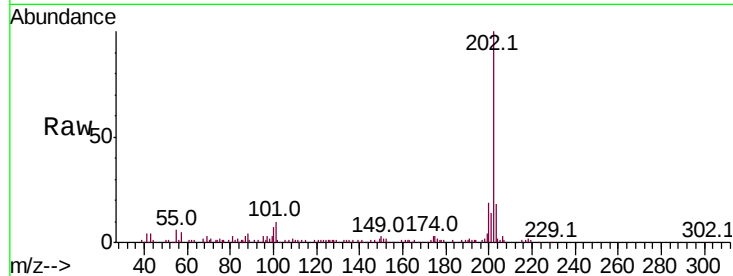
ClientSampled :

TP-21A

Tot Ion:	202	Resp:	65542
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	32.2
203	18.5	0.0	38.8

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#76

Chrysene-d12

Concen: 20.000 ng

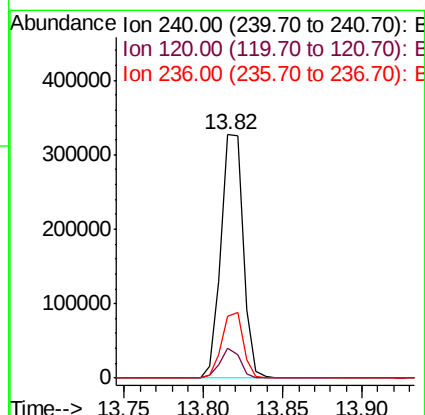
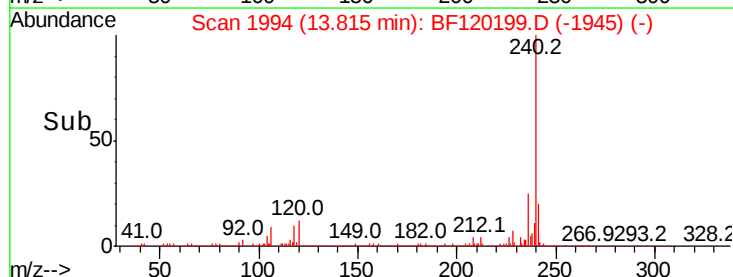
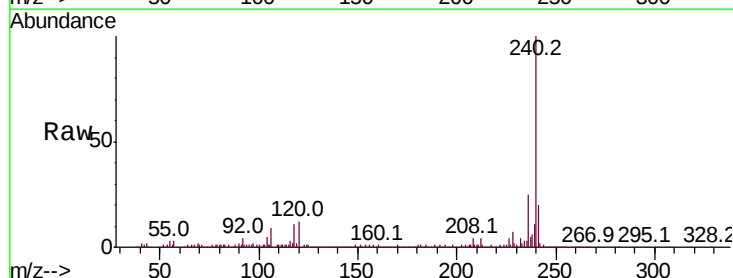
RT: 13.82 min Scan# 1994

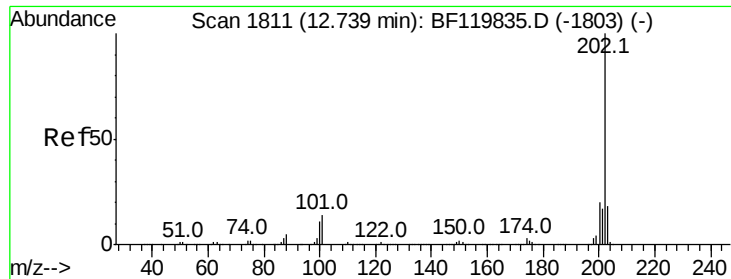
Delta R.T. -0.01 min

Lab File: BF120199.D

Acq: 24 Apr 2020 13:50

Tgt Ion:	240	Resp:	321173
Ion Ratio	Lower	Upper	
240	100		
120	12.2	10.6	15.8
236	25.5	20.2	30.2





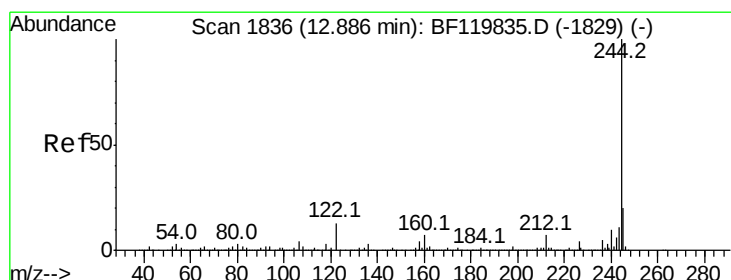
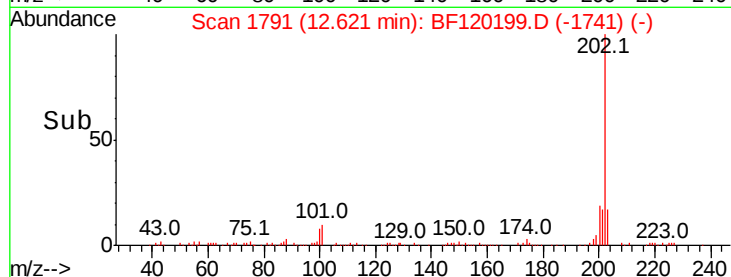
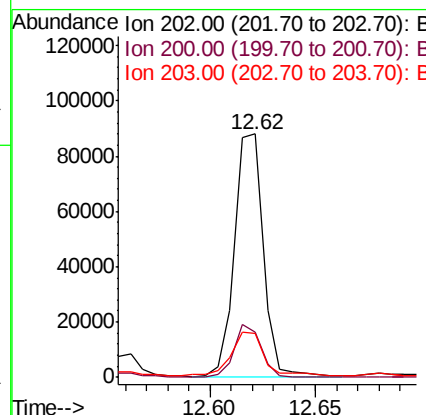
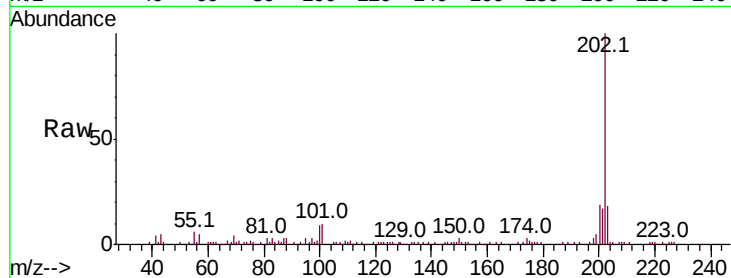
#78
Pvrene
Concen: 3.040 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF120199.D
Acq: 24 Apr 2020 13:50

Instrument :
BNA_F
ClientSampleId :
TP-21A

Tot Ion	Ratio	Lower	Upper
202	100		
200	18.8	16.8	25.2
203	18.1	15.1	22.7

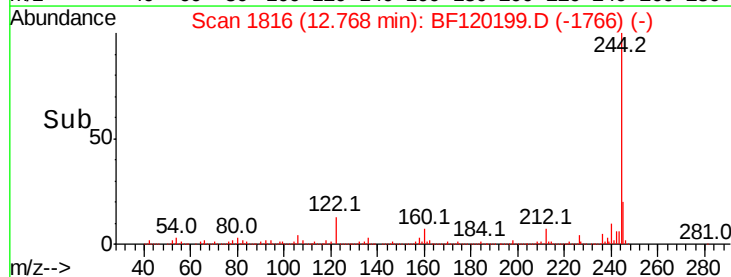
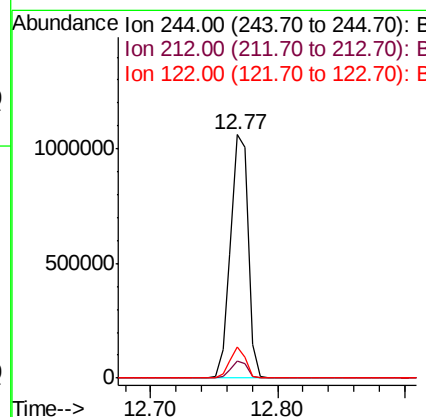
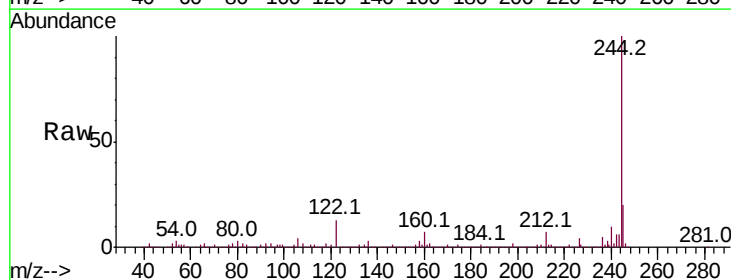
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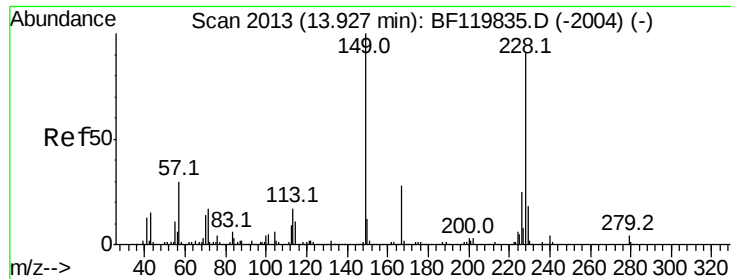
mohammad
4/27/2020 3:04:21 PM



#79
Terphenyl-d14
Concen: 53.682 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF120199.D
Acq: 24 Apr 2020 13:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.8	10.3	15.5





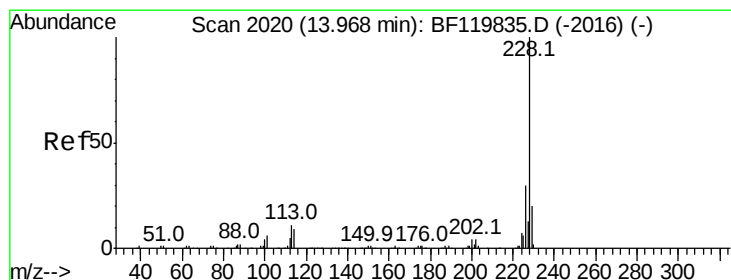
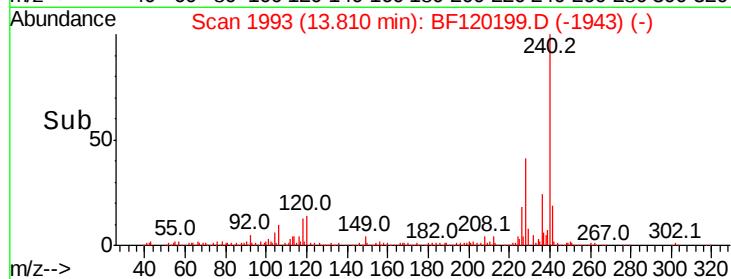
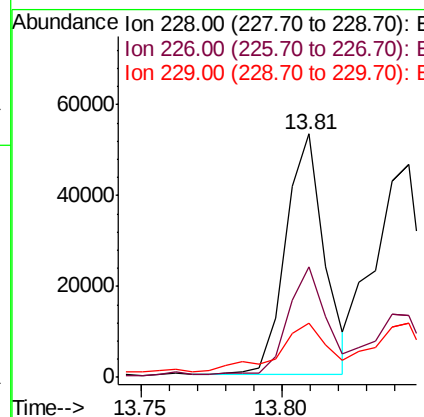
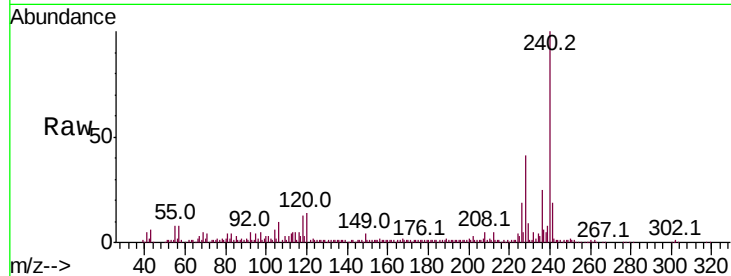
#81
Benzo(a)anthracene
Concen: 2.386 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF120199.D
Acq: 24 Apr 2020 13:50

Instrument :
BNA_F
ClientSampled :
TP-21A

Tot Ion	Ratio	Lower	Upper
228	100		
226	45.6	21.8	32.8#
229	22.4	16.2	24.4

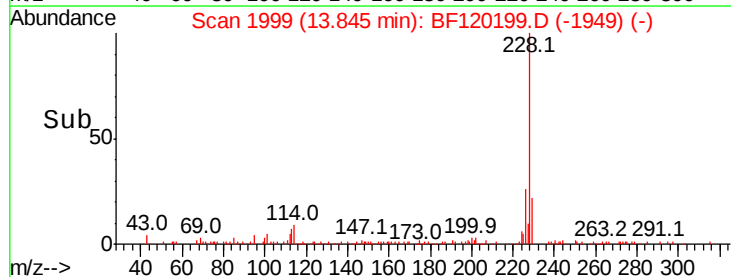
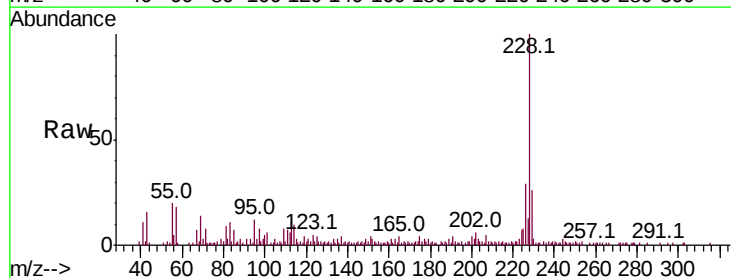
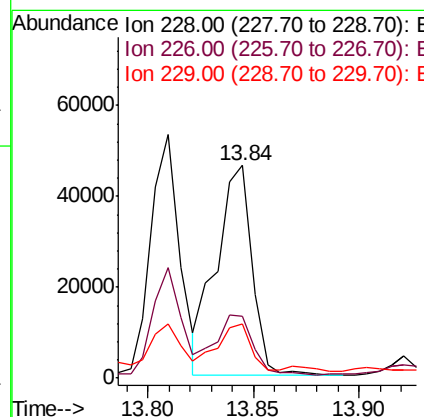
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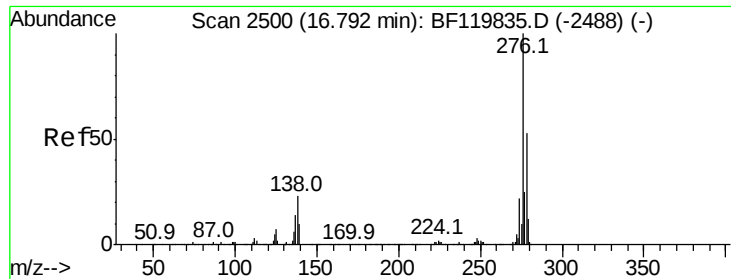
mohammad
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#83
Chrysene
Concen: 2.523 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF120199.D
Acq: 24 Apr 2020 13:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	25.4	38.0
229	25.5	16.6	24.8#





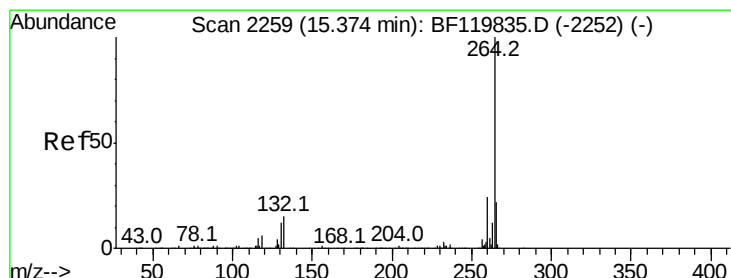
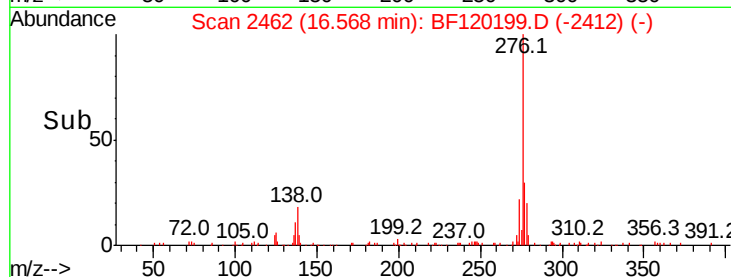
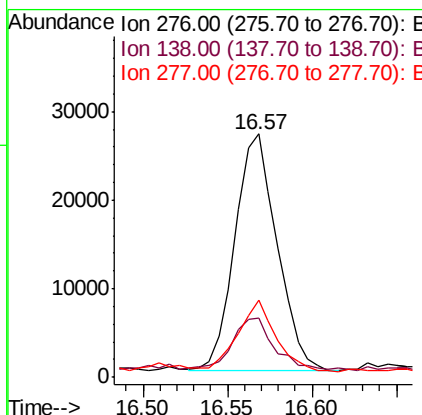
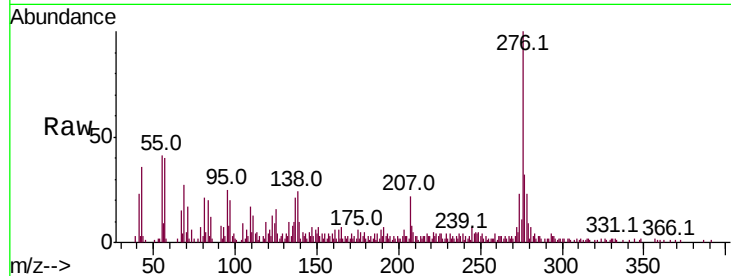
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.453 ng
 RT: 16.57 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BF120199.D
 Acq: 24 Apr 2020 13:50

Instrument :
 BNA_F
 ClientSampleId :
 TP-21A

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.2	19.6	29.4
277	27.7	20.0	30.0

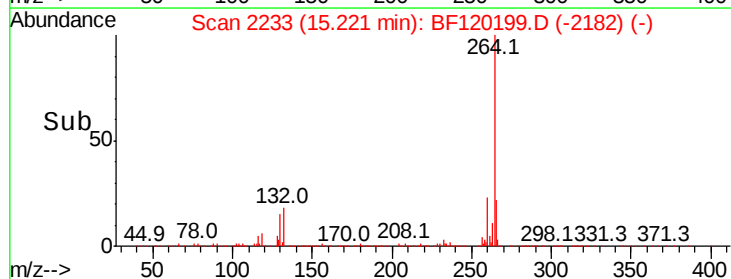
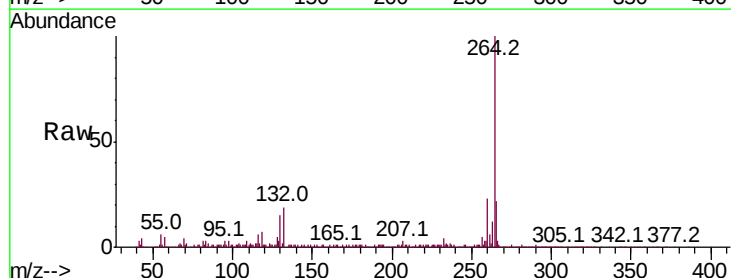
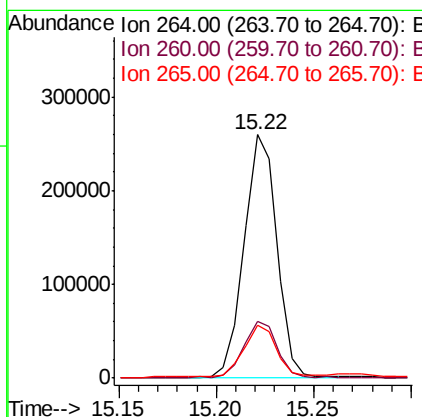
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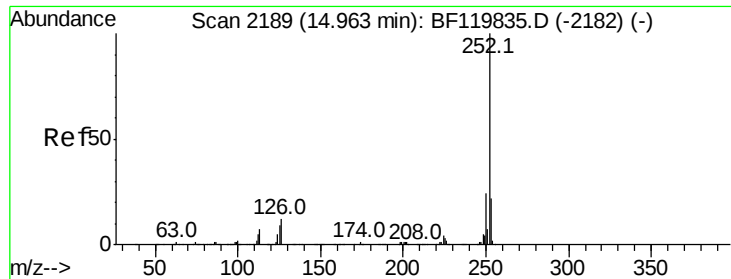
mohammad
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. 0.00 min
 Lab File: BF120199.D
 Acq: 24 Apr 2020 13:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.9	17.7	26.5





#88

Benzo(b)fluoranthene

Concen: 4.435 ng m

RT: 14.83 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BF120199.D

Acq: 24 Apr 2020 13:50

Instrument :

BNA_F

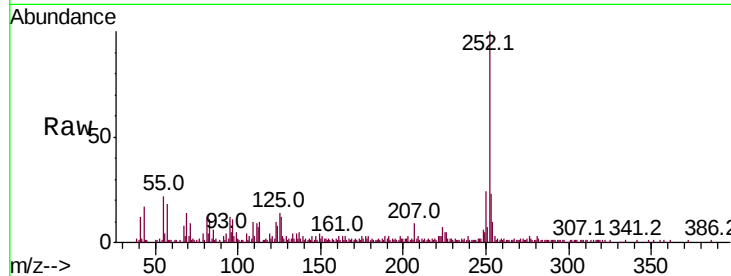
ClientSampleId :

TP-21A

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	14.1	7.9	11.9

Manual Integrations
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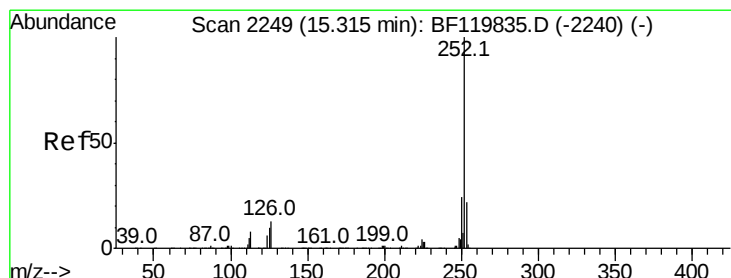
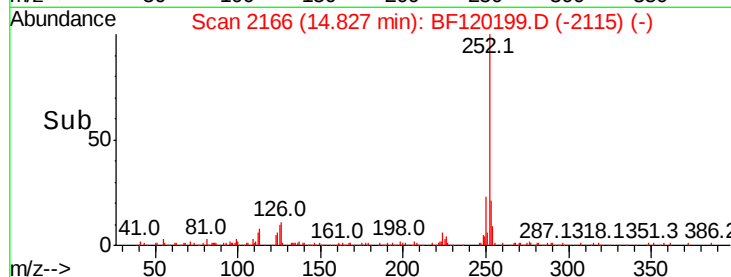
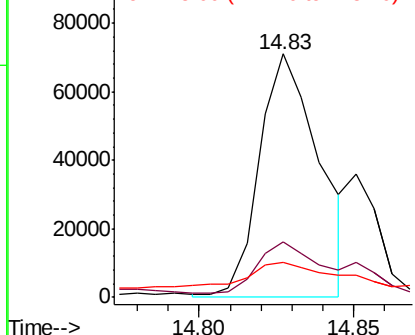


Abundance

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: 4.005 ng

RT: 15.16 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF120199.D

Acq: 24 Apr 2020 13:50

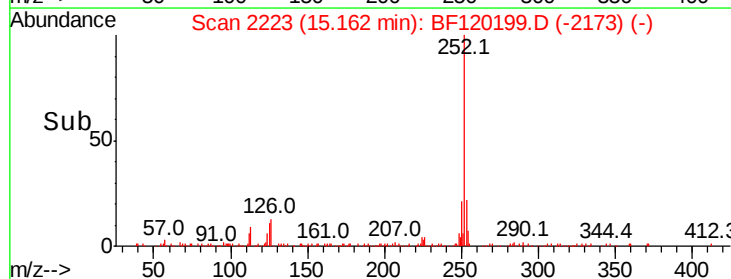
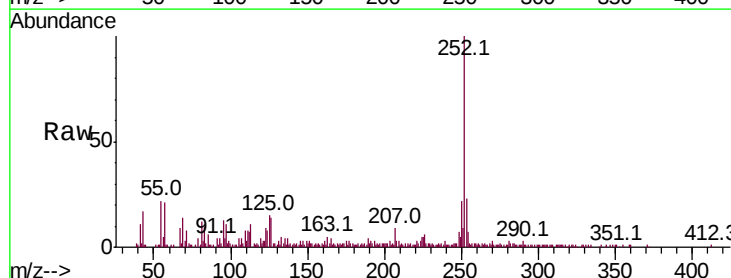
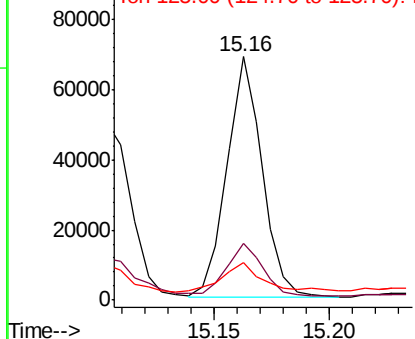
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	15.3	9.4	14.2

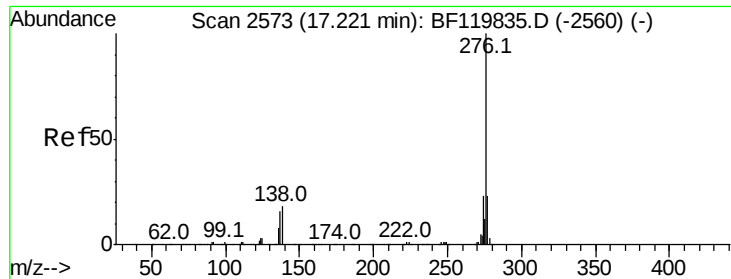
Abundance

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: 2.952 ng
 RT: 16.97 min Scan# 2531
 Delta R.T. 0.00 min
 Lab File: BF120199.D
 Acq: 24 Apr 2020 13:50

Instrument :
 BNA_F
 ClientSampleId :
 TP-21A

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.4	27.6
138	26.6	15.4	23.0

Manual Integrations
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