

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
 Data File : BF120059.D
 Acq On : 17 Apr 2020 15:14
 Operator : MA/SJ
 Sample : L2243-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-34-33-COMP

Manual Integrations
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mohammad
 4/21/2020 8:22:29 AM

Quant Time: Apr 18 02:18:02 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 17 10:51:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	187796	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	679931	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	326858	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	502625	20.00	ng	0.00
76) Chrysene-d12	13.89	240	339244	20.00	ng	-0.01
87) Perylene-d12	15.32	264	296535	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	891386	82.03	ng	0.00
7) Phenol-d6	6.36	99	1160230	82.86	ng	0.00
23) Nitrobenzene-d5	7.29	82	707056	53.80	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	239276	59.79	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1231147	53.48	ng	0.00
79) Terphenyl-d14	12.84	244	1010127	50.10	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.49	163	244345	9.665	ng	99
78) Pyrene	12.69	202	100772	3.524	ng	98
81) Benzo(a)anthracene	13.88	228	63158	2.830	ng	99
83) Chrysene	13.92	228	66870	2.949	ng	96
88) Benzo(b)fluoranthene	14.92	252	73002m	3.422	ng	
90) Benzo(a)pyrene	15.26	252	56542	3.152	ng	98

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

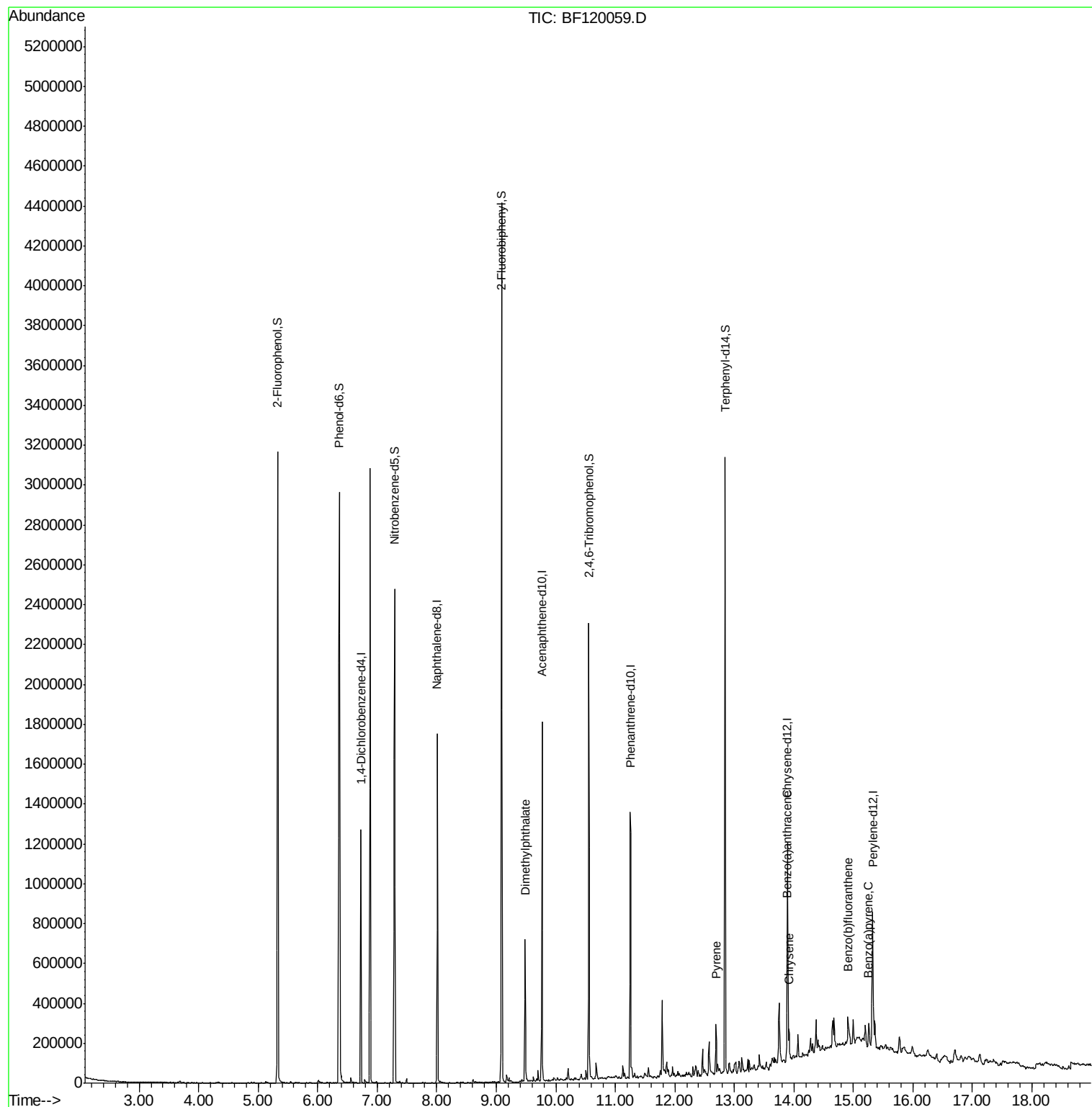
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120059.D
Acq On : 17 Apr 2020 15:14
Operator : MA/SJ
Sample : L2243-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

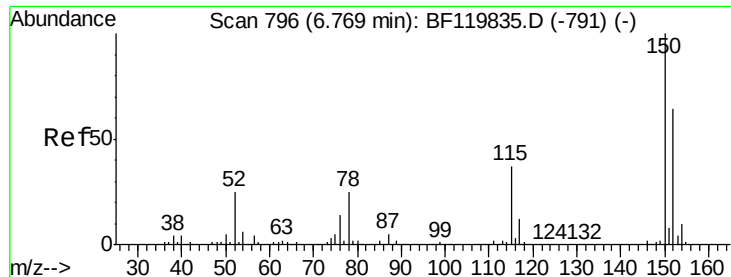
Instrument :
BNA_F
ClientSampleId :
TP-34-33-COMP

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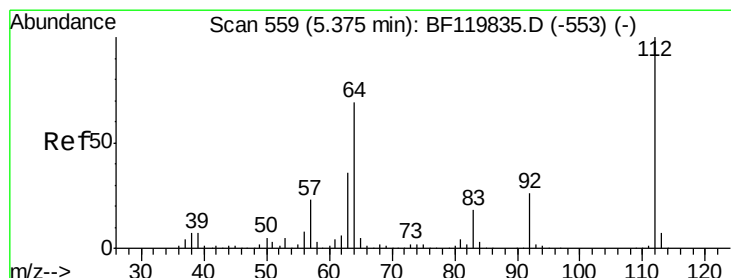
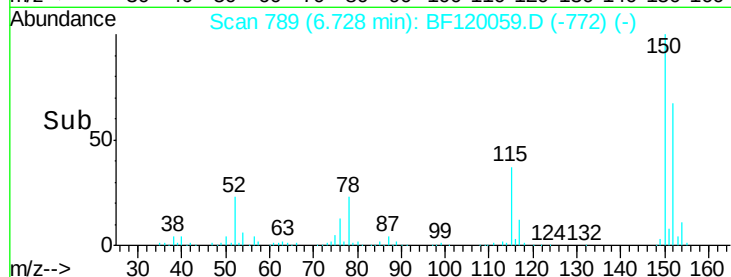
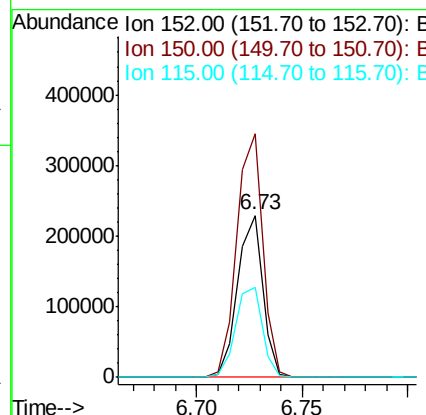
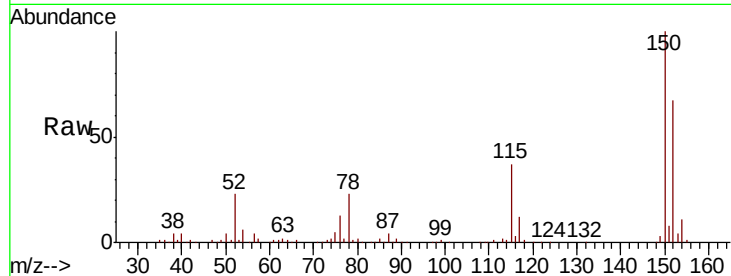
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF120059.D
 Acq: 17 Apr 2020 15:14

Instrument :
 BNA_F
 ClientSampleId :
 TP-34-33-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.4	124.8	187.2
115	55.7	46.5	69.7

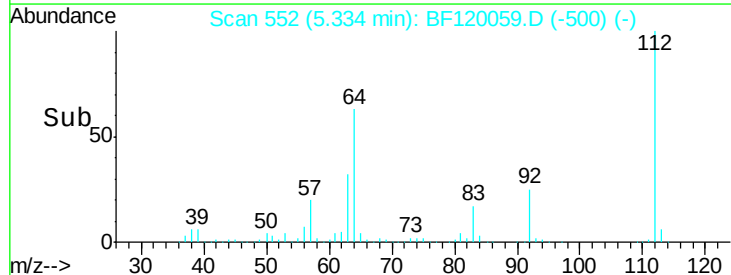
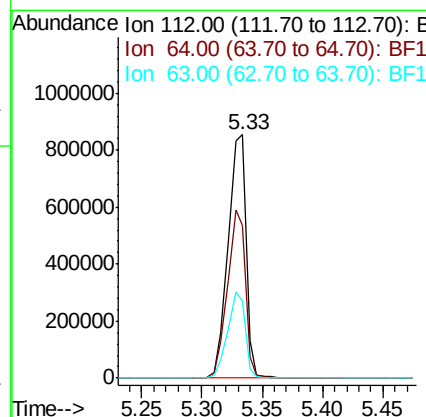
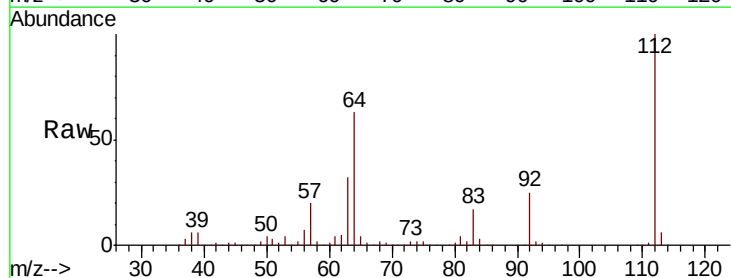
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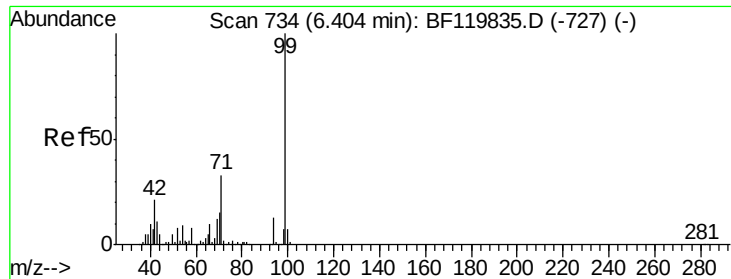
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#5
 2-Fluorophenol
 Concen: 82.029 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF120059.D
 Acq: 17 Apr 2020 15:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	55.5	83.3
63	32.0	29.1	43.7





#7

Phenol-d6

Concen: 82.860 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF120059.D

Acq: 17 Apr 2020 15:14

Instrument :

BNA_F

ClientSampled :

TP-34-33-COMP

Tot Ion: 99 Resp: 1160230

Ion Ratio Lower Upper

99 100

42 20.2 16.9 25.3

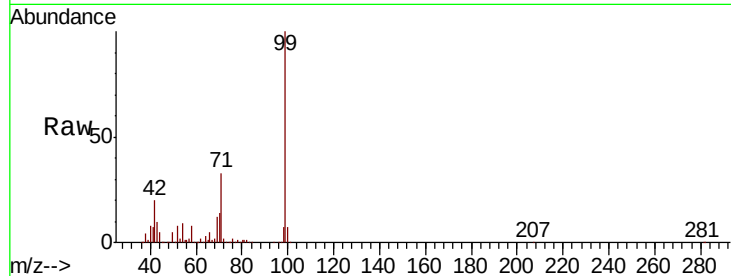
71 32.8 26.3 39.5

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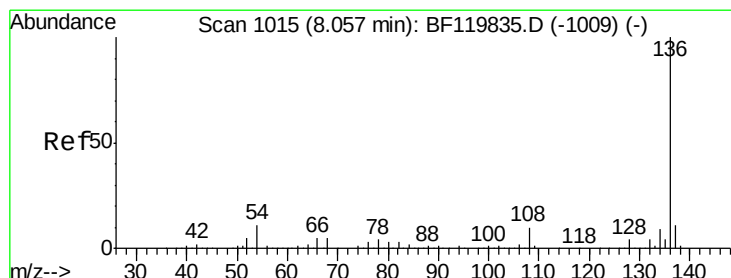
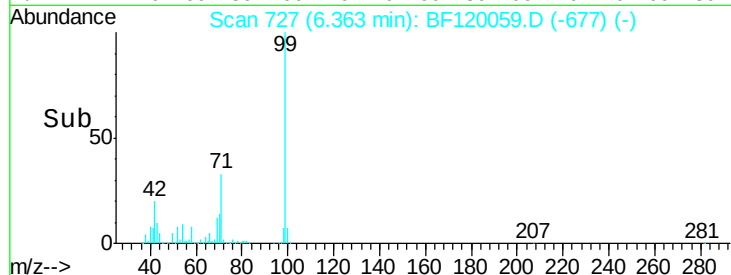
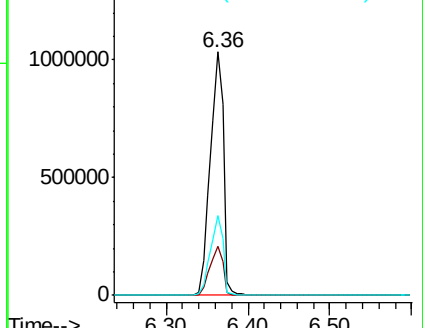
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF120059.D

Acq: 17 Apr 2020 15:14

Tgt Ion: 136 Resp: 679931

Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 10.6 8.5 12.7

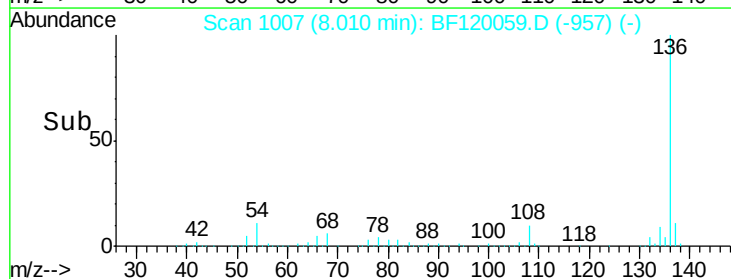
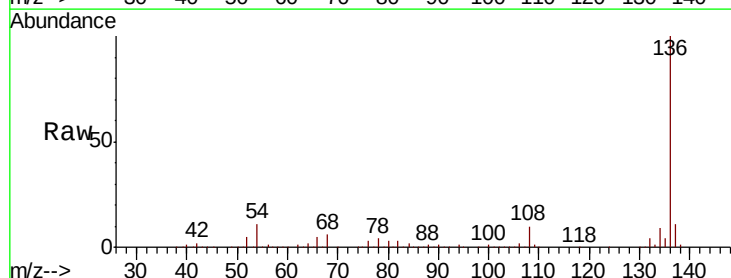
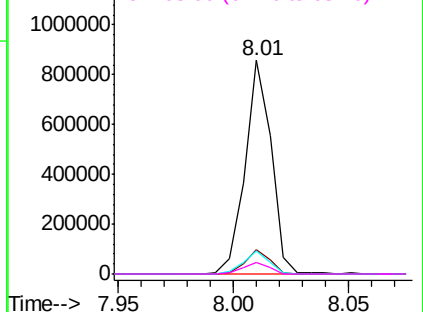
68 5.6 3.9 5.9

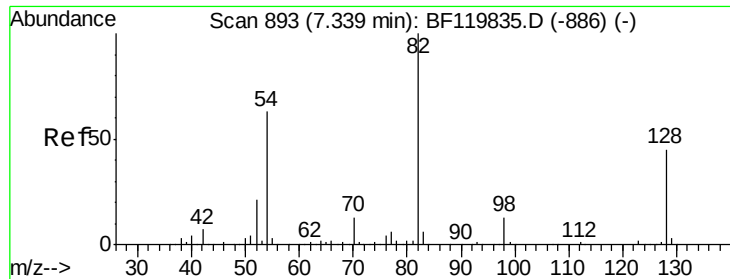
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





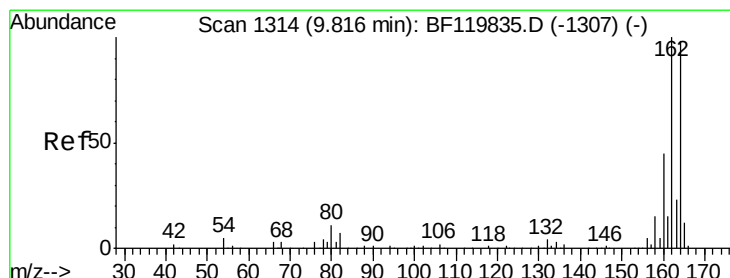
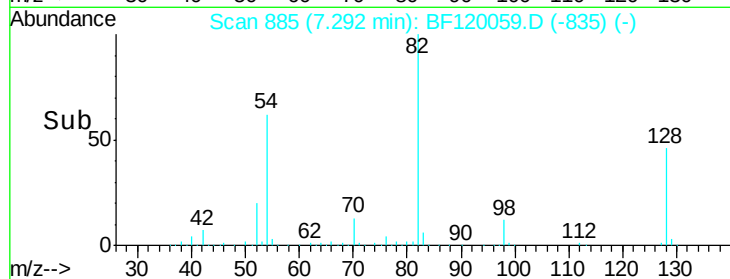
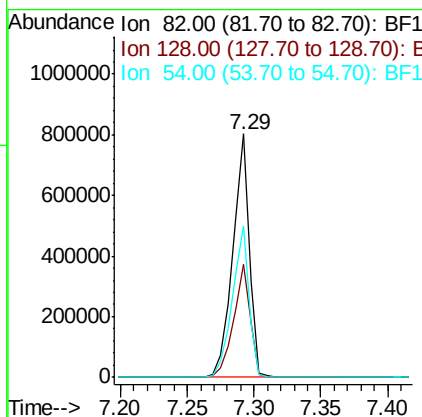
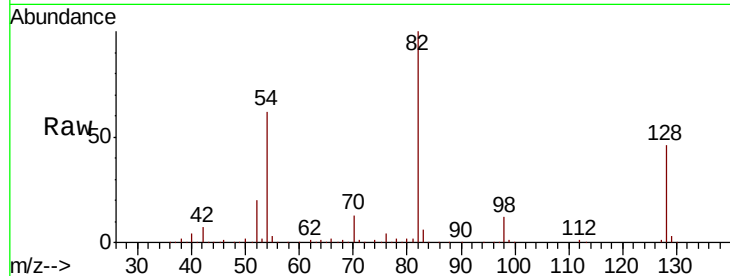
#23
Nitrobenzene-d5
Concen: 53.797 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF120059.D
Acq: 17 Apr 2020 15:14

Instrument :
BNA_F
ClientSampleId :
TP-34-33-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.2	54.4
54	62.1	50.4	75.6

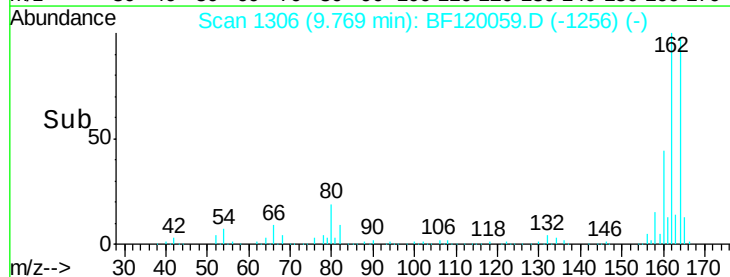
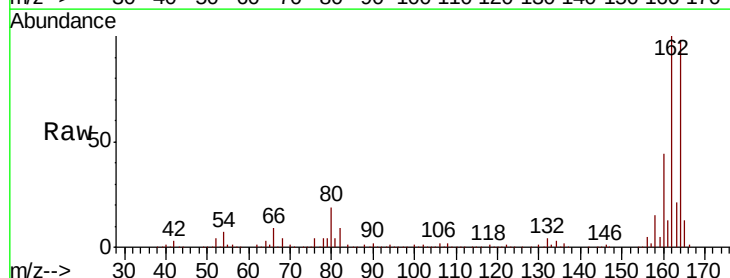
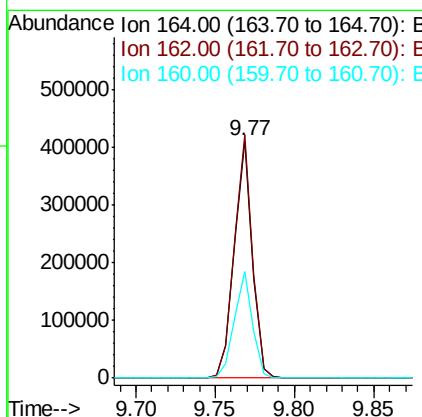
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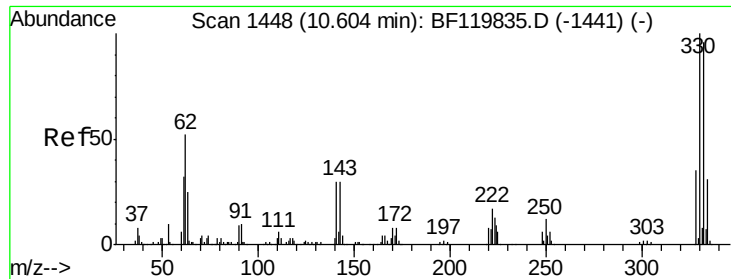
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF120059.D
Acq: 17 Apr 2020 15:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.9	122.9
160	45.1	36.6	54.8





#42

2,4,6-Tribromophenol

Concen: 59.791 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF120059.D

Acq: 17 Apr 2020 15:14

Instrument :

BNA_F

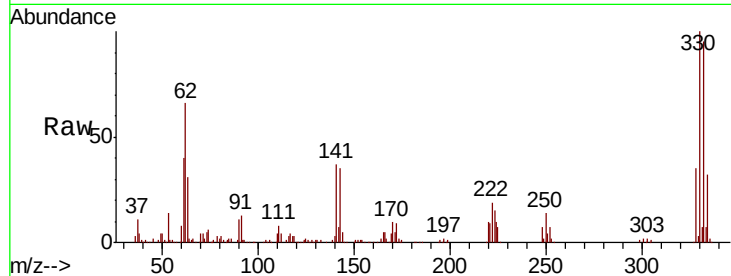
ClientSampleId :

TP-34-33-COMP

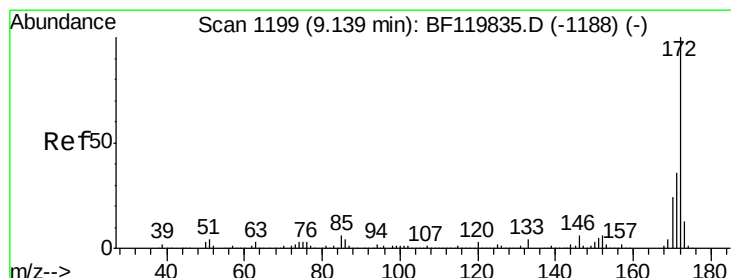
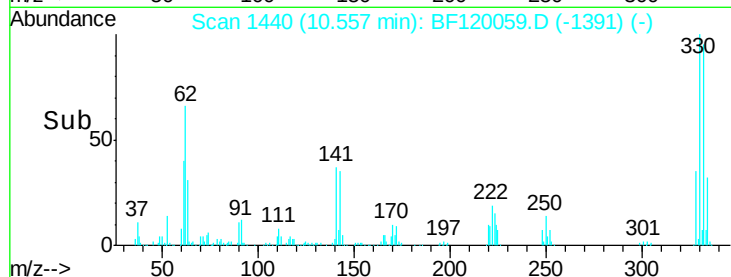
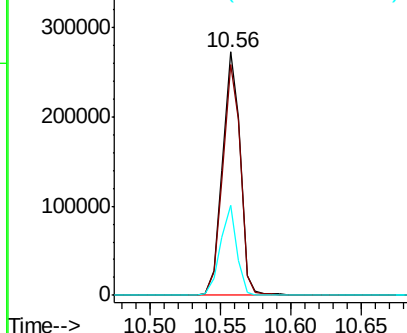
Tot Ion:	330	Resp:	239276
Ion Ratio	Lower	Upper	
330	100		
332	95.7	76.8	115.2
141	34.3	25.1	37.7

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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



#45

2-Fluorobiphenyl

Concen: 53.478 ng

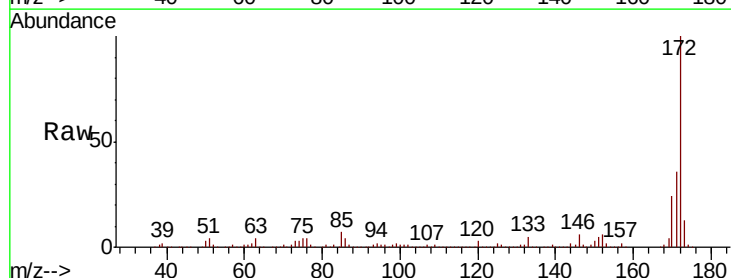
RT: 9.09 min Scan# 1191

Delta R.T. -0.01 min

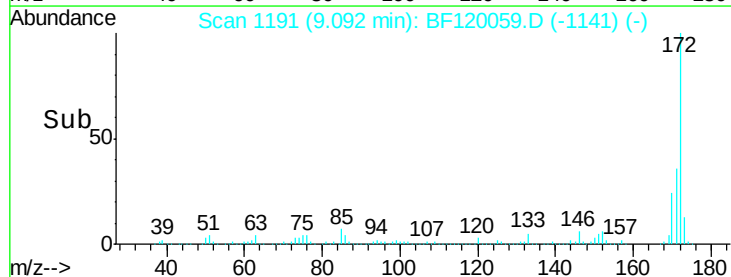
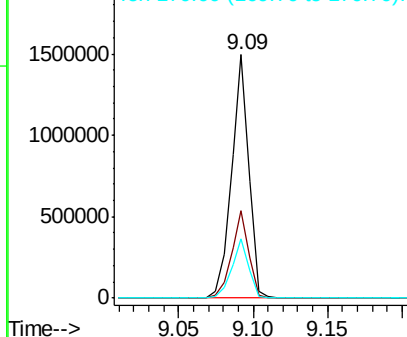
Lab File: BF120059.D

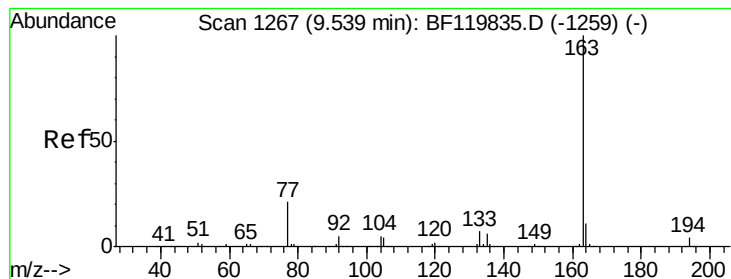
Acq: 17 Apr 2020 15:14

Tgt Ion:	172	Resp:	1231147
Ion Ratio	Lower	Upper	
172	100		
171	36.0	28.9	43.3
170	24.4	19.4	29.2



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





#50

Dimethylphthalate

Concen: 9.665 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.02 min

Lab File: BF120059.D

Acq: 17 Apr 2020 15:14

Instrument :

BNA_F

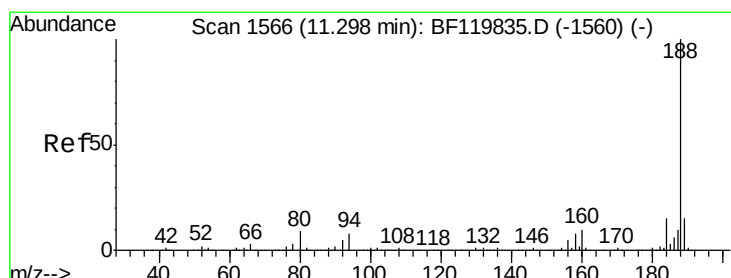
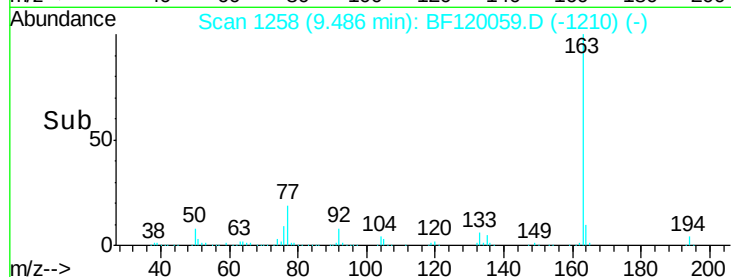
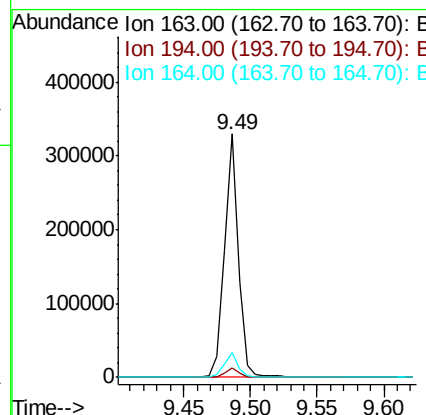
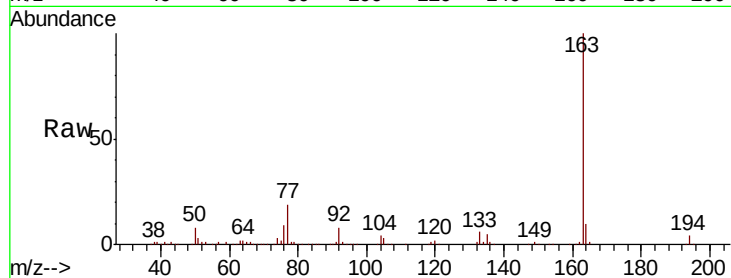
ClientSampleId :

TP-34-33-COMP

Tot Ion:	163	Resp:	244345
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.0	4.4
164	10.0	8.4	12.6

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#64

Phenanthrene-d10

Concen: 20.000 ng

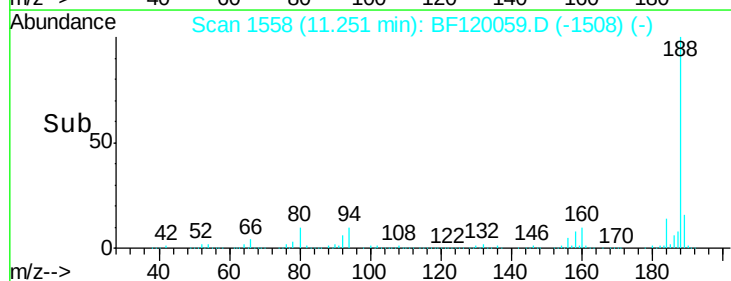
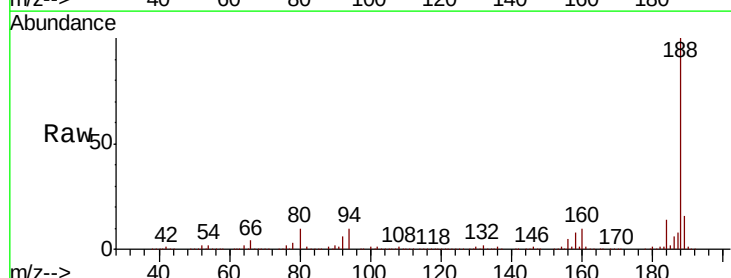
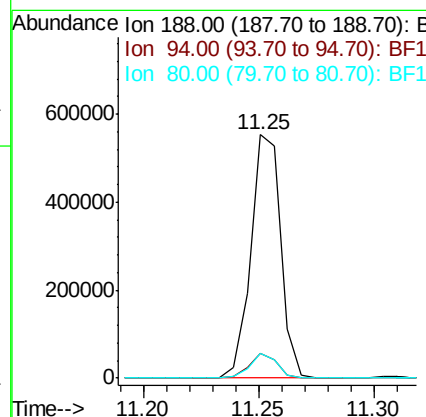
RT: 11.25 min Scan# 1558

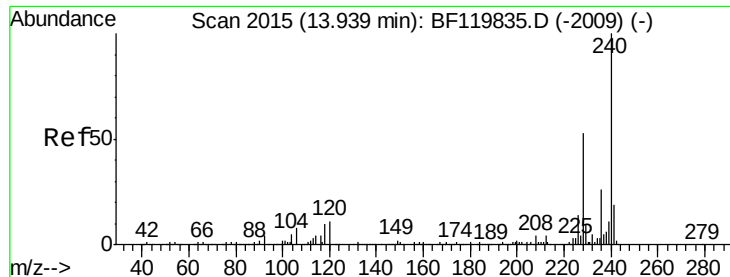
Delta R.T. -0.01 min

Lab File: BF120059.D

Acq: 17 Apr 2020 15:14

Tgt Ion:	188	Resp:	502625
Ion Ratio	Lower	Upper	
188	100		
94	10.1	6.7	10.1#
80	10.3	7.4	11.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF120059.D

Acq: 17 Apr 2020 15:14

Instrument :

BNA_F

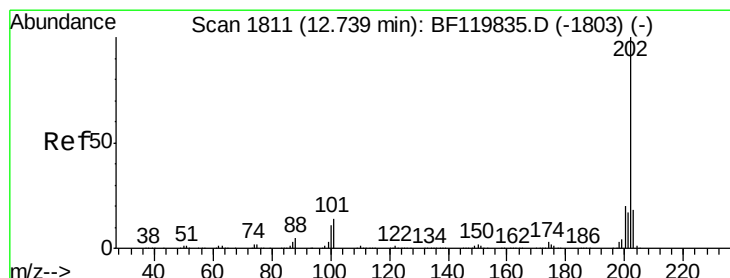
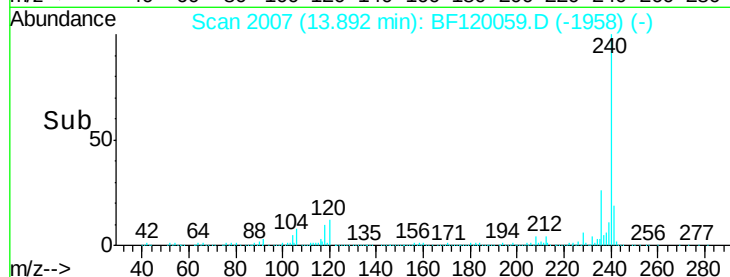
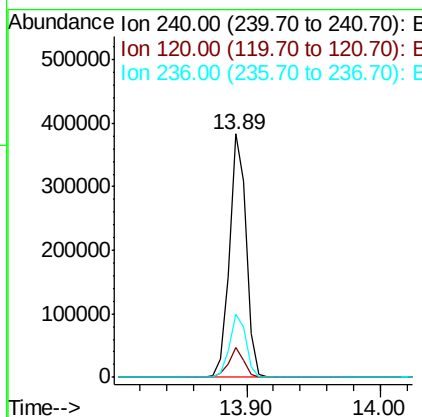
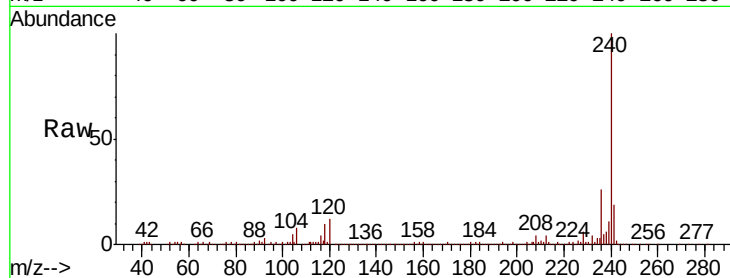
ClientSampleId :

TP-34-33-COMP

Tot Ion:	240	Resp:	339244
Ion Ratio	Lower	Upper	
240	100		
120	12.1	9.0	13.6
236	26.0	20.7	31.1

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#78

Pyrene

Concen: 3.524 ng

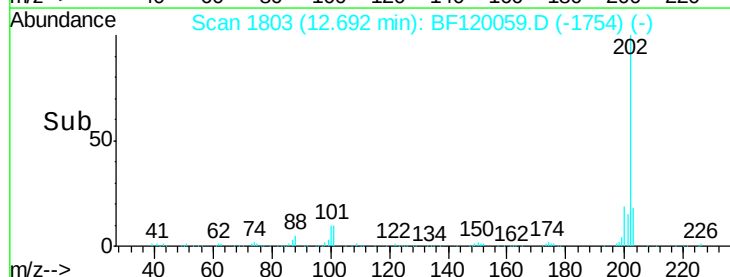
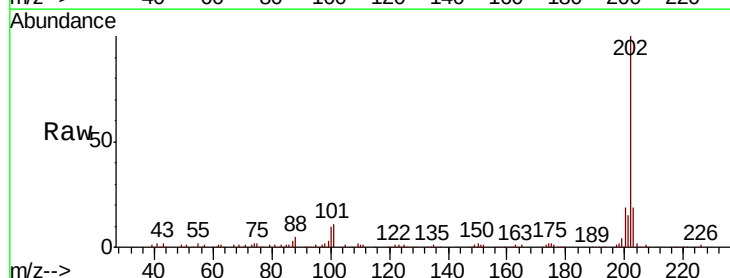
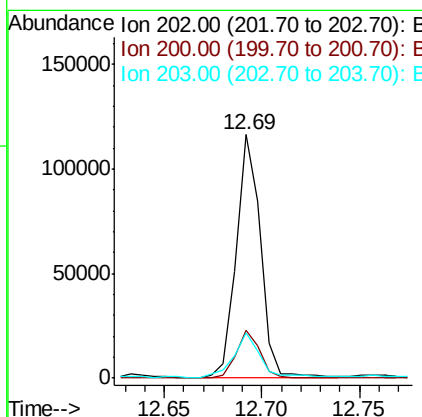
RT: 12.69 min Scan# 1803

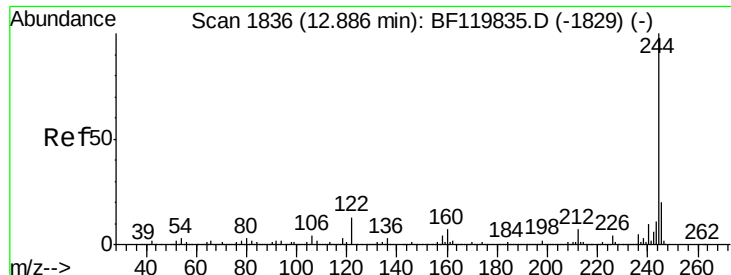
Delta R.T. -0.01 min

Lab File: BF120059.D

Acq: 17 Apr 2020 15:14

Tgt Ion:	202	Resp:	100772
Ion Ratio	Lower	Upper	
202	100		
200	19.4	16.2	24.2
203	18.8	14.1	21.1





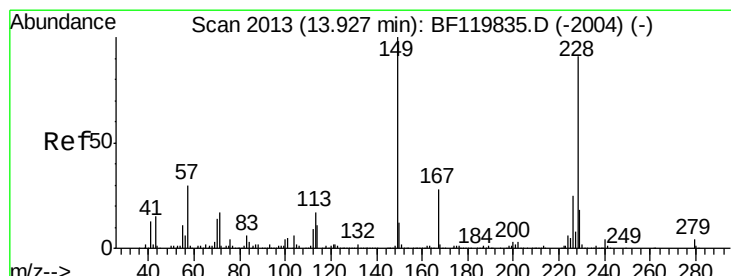
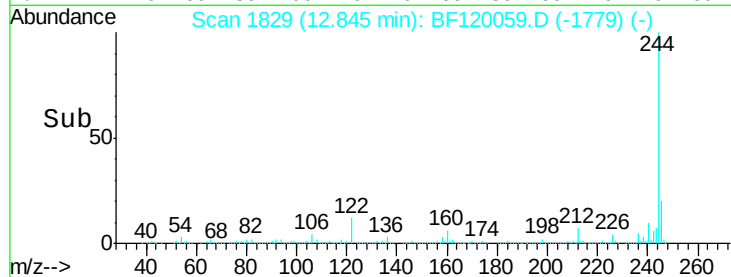
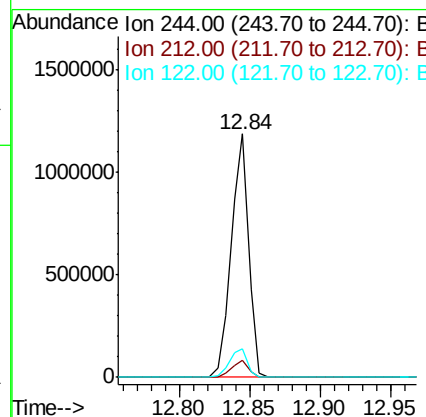
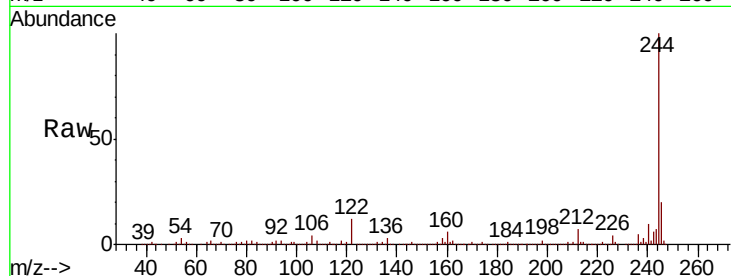
#79
 Terphenyl-d14
 Concen: 50.102 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF120059.D
 Acq: 17 Apr 2020 15:14

Instrument :
 BNA_F
 ClientSampleId :
 TP-34-33-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.6	10.3	15.5

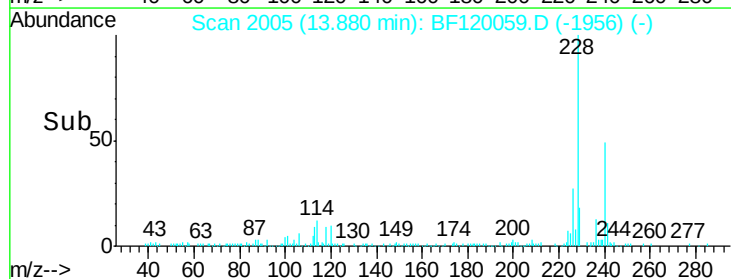
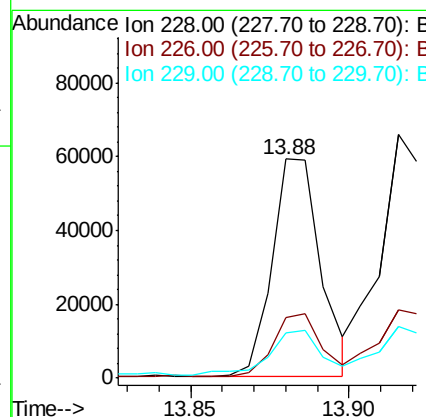
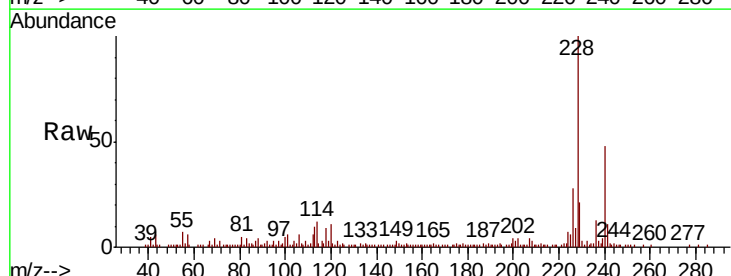
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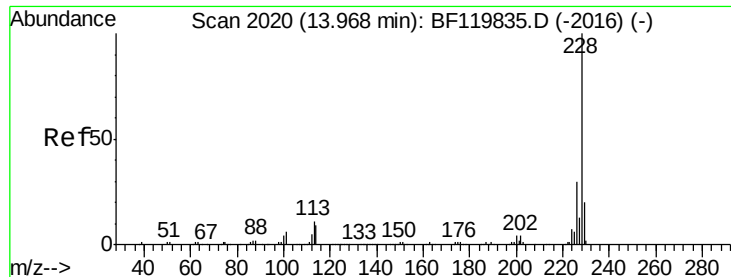
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#81
 Benzo(a)anthracene
 Concen: 2.830 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF120059.D
 Acq: 17 Apr 2020 15:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.9	32.9
229	20.6	15.9	23.9





#83

Chrysene

Concen: 2.949 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.02 min

Lab File: BF120059.D

Acq: 17 Apr 2020 15:14

Instrument :

BNA_F

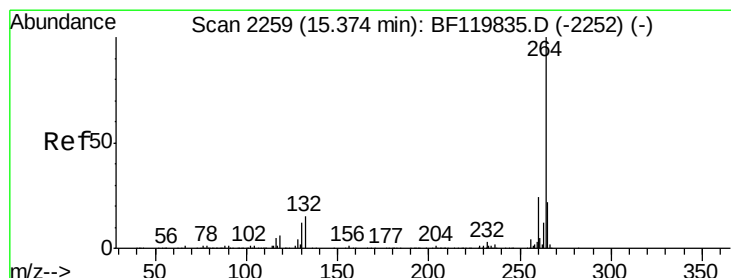
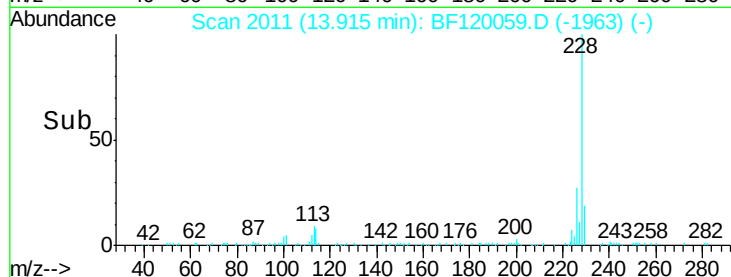
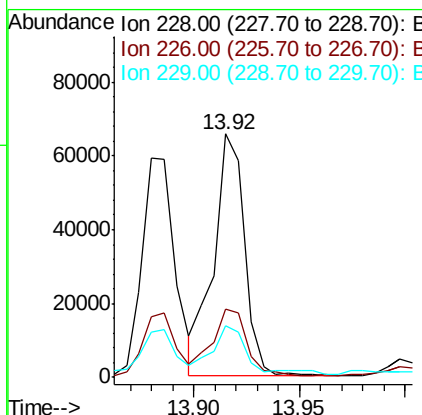
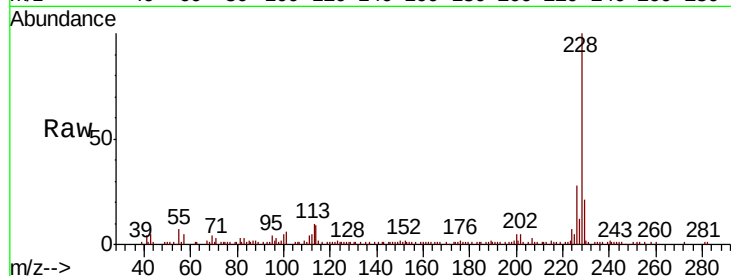
ClientSampleId :

TP-34-33-COMP

Tot Ion:	228	Resp:	66870
Ion Ratio	Lower	Upper	
228	100		
226	28.0	24.2	36.2
229	21.3	15.9	23.9

Manual Integrations
APPROVED

mohammad
4/21/2020 8:22:29 AM



#87

Perylene-d12

Concen: 20.000 ng

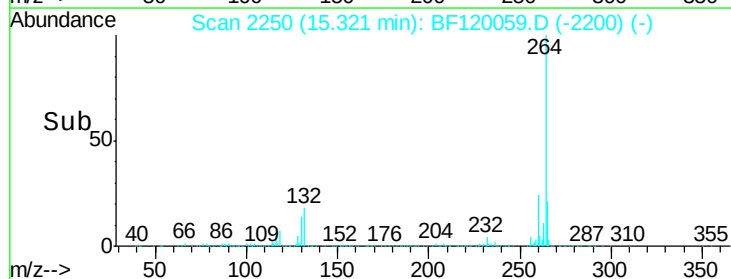
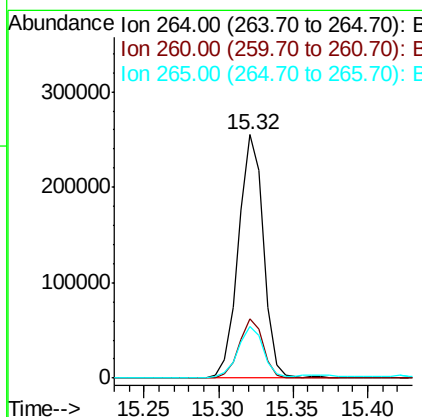
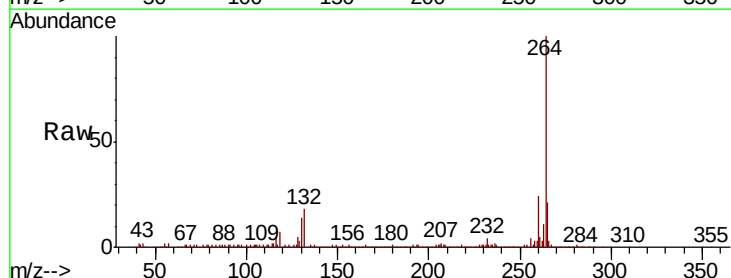
RT: 15.32 min Scan# 2250

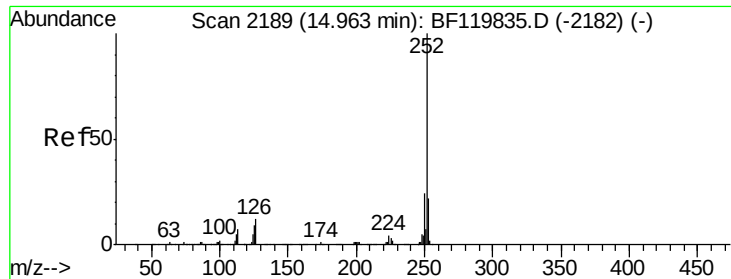
Delta R.T. -0.01 min

Lab File: BF120059.D

Acq: 17 Apr 2020 15:14

Tgt Ion:	264	Resp:	296535
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.3	28.9
265	21.5	17.6	26.4





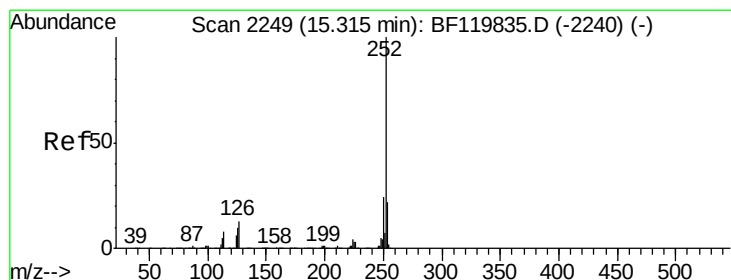
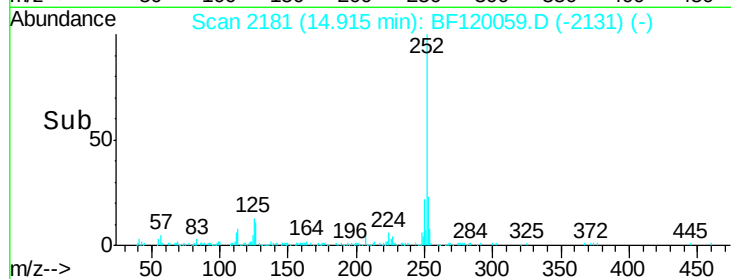
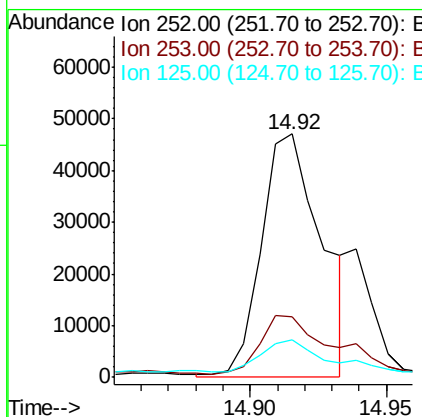
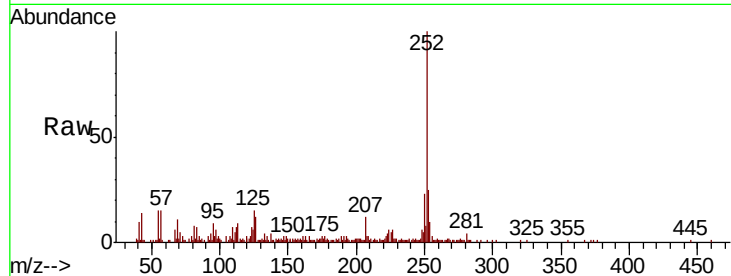
#88
Benzo(b)fluoranthene
Concen: 3.422 ng m
RT: 14.92 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BF120059.D
Acq: 17 Apr 2020 15:14

Instrument :
BNA_F
ClientSampleId :
TP-34-33-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.7	26.5
125	15.4	7.4	11.2

Manual Integrations
APPROVED

mohammad
4/21/2020 8:22:29 AM



#90
Benzo(a)pyrene
Concen: 3.152 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF120059.D
Acq: 17 Apr 2020 15:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	10.8	8.3	12.5

