

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
 Data File : BF120731.D
 Acq On : 29 Jun 2020 16:56
 Operator : JU/CG
 Sample : L3129-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1405-1406

Manual Integrations
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mohammad
 6/30/2020 4:14:34 PM

Quant Time: Jun 30 13:40:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 15:30:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	108243	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	347578	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	78527	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	109043	20.00	ng	0.08
76) Chrysene-d12	13.99	240	118241	20.00	ng	0.04
86) Perylene-d12	15.44	264	184284	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	391852	62.07	ng	0.00
7) Phenol-d6	6.44	99	282067	35.87	ng	0.01
23) Nitrobenzene-d5	7.36	82	405542	65.22	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	114670	125.60	ng	0.04
45) 2-Fluorobiphenyl	9.16	172	507981	98.97	ng	0.00
79) Terphenyl-d14	12.96	244	390274	72.91	ng	0.06
Target Compounds						
10) Phenol	6.45	94	102217	12.183	ng	85
20) 3+4-Methylphenols	7.20	107	543892m	71.528	ng	
46) 1,1'-Biphenyl	9.26	154	20335	3.468	ng	87
50) Dimethylphthalate	9.56	163	60529	10.703	ng	# 78
75) Fluoranthene	12.61	202	18187	2.935	ng	# 9
78) Pyrene	12.83	202	19647m	2.346	ng	
84) Bis(2-ethylhexyl)phthalate	13.97	149	37921	8.354	ng	# 86
87) Indeno(1,2,3-cd)pyrene	16.90	276	26979	2.407	ng	# 47

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

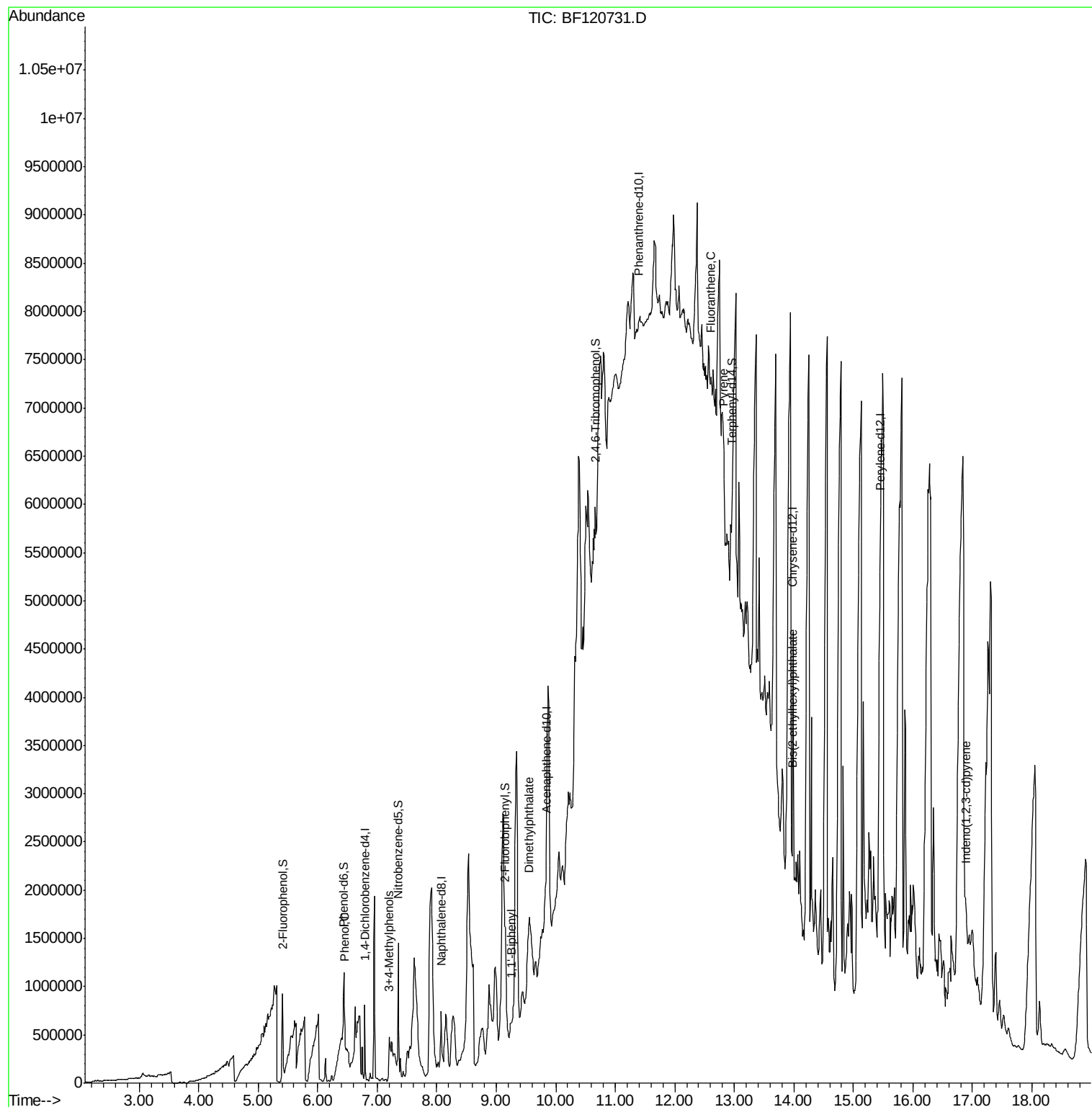
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
Data File : BF120731.D
Acq On : 29 Jun 2020 16:56
Operator : JU/CG
Sample : L3129-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

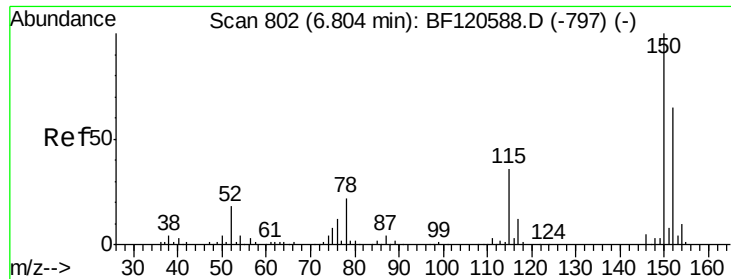
Instrument :
BNA_F
ClientSampleId :
1405-1406

Manual Integrations
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Quant Time: Jun 30 13:40:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 15:30:14 2020
Response via : Initial Calibration





#1

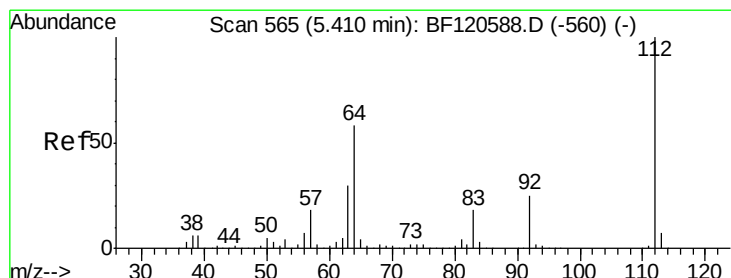
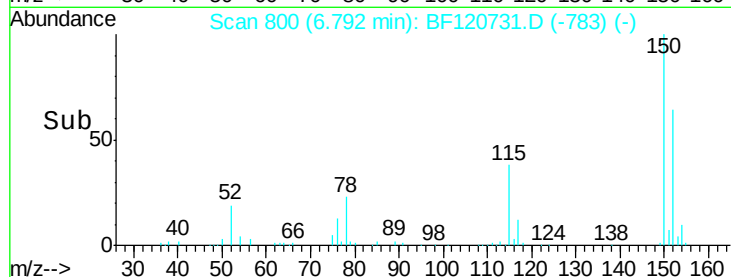
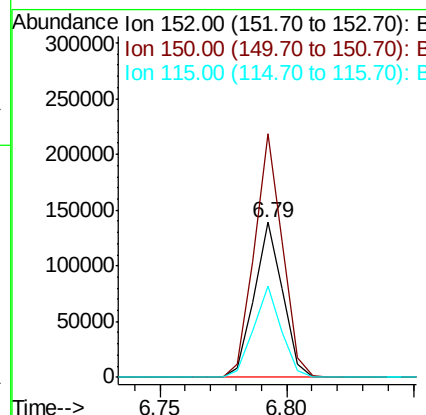
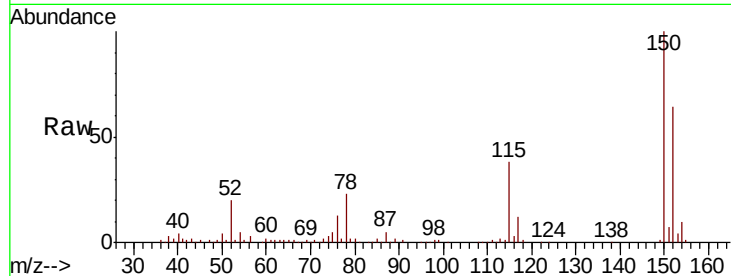
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF120731.D
Acq: 29 Jun 2020 16:56

Instrument :
BNA_F
ClientSampleId :
1405-1406

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	187.0
115	59.2	44.2	66.4

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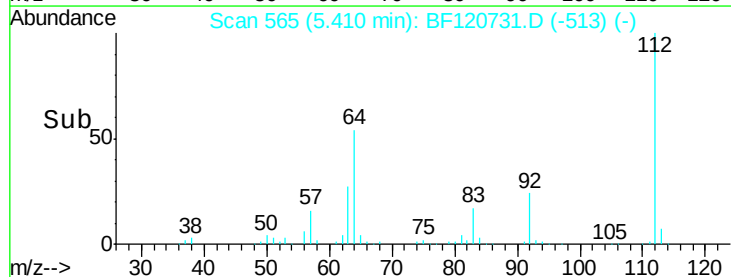
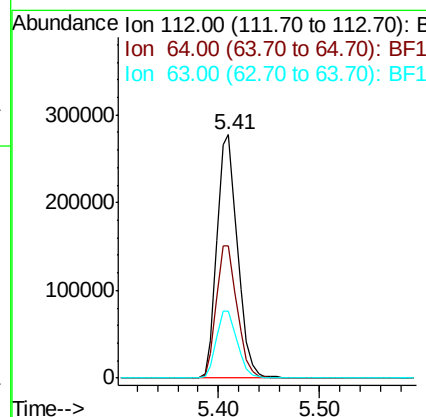
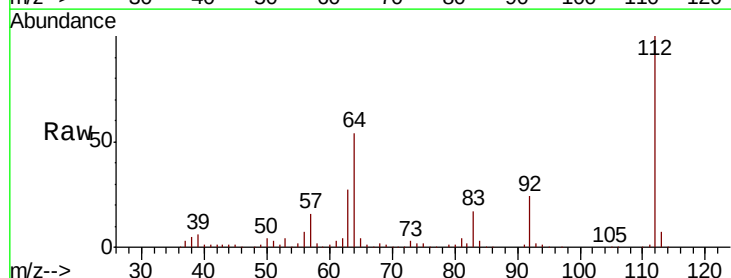
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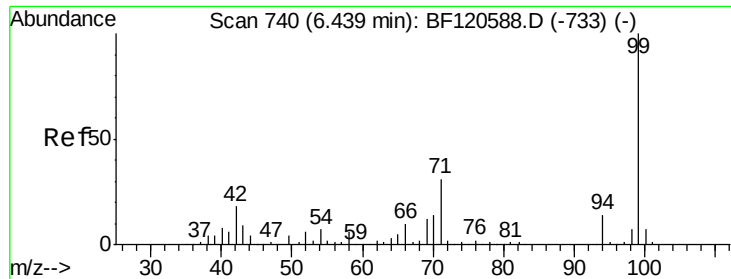


#5

2-Fluorophenol
Concen: 62.065 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF120731.D
Acq: 29 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	42.2	63.2
63	27.3	21.7	32.5





#7

Phenol-d6

Concen: 35.870 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF120731.D

Acq: 29 Jun 2020 16:56

Instrument :

BNA_F

ClientSampleId :

1405-1406

Tot Ion: 99 Resp: 282067

Ion Ratio Lower Upper

99 100

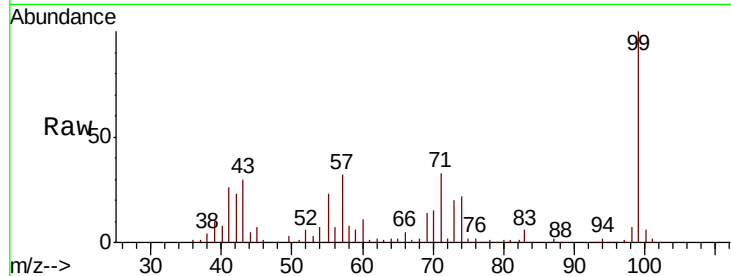
42 22.8 14.2 21.4#

71 32.7 25.4 38.2

Manual Integrations
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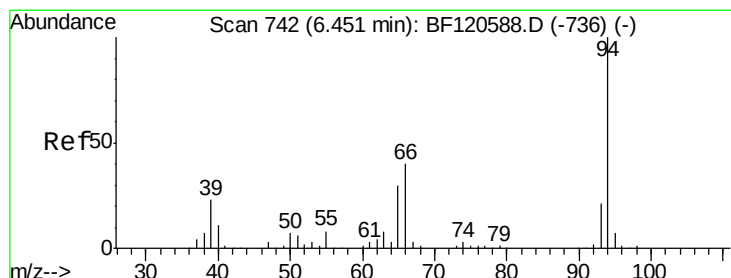
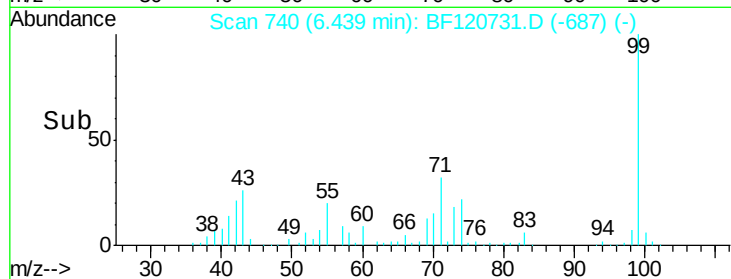
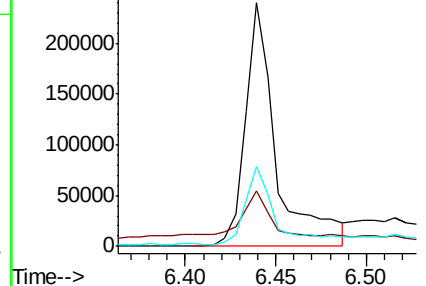
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 12.183 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120731.D

Acq: 29 Jun 2020 16:56

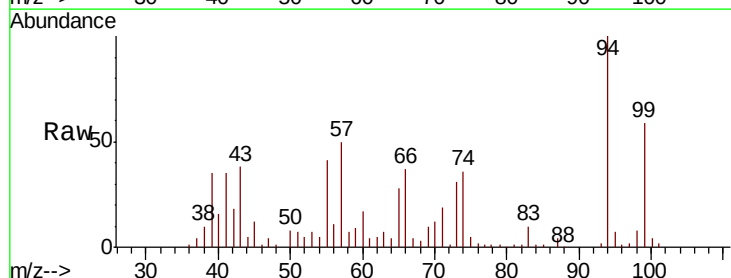
Tgt Ion: 94 Resp: 102217

Ion Ratio Lower Upper

94 100

65 27.6 13.6 53.6

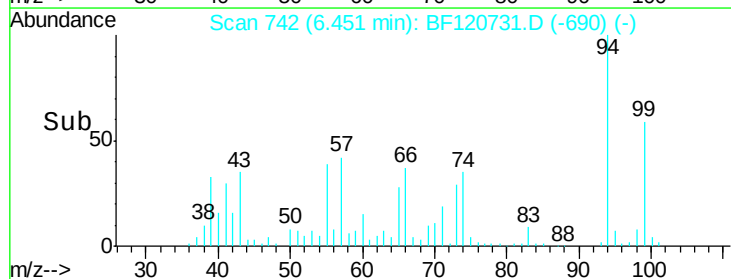
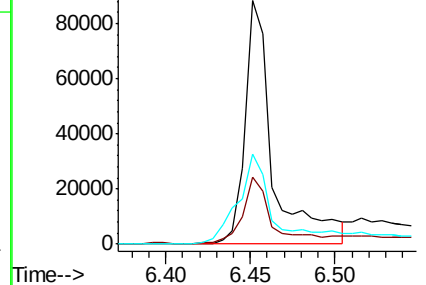
66 36.7 29.2 69.2

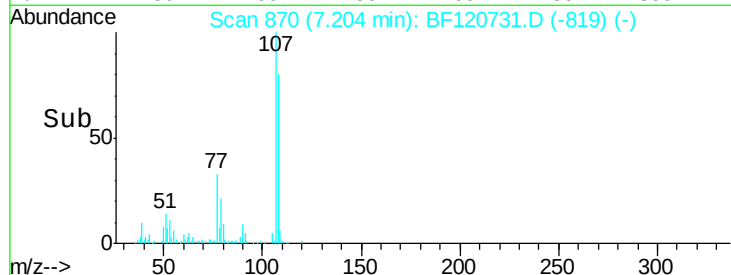
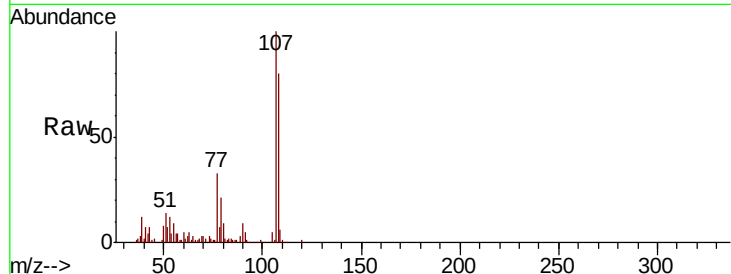
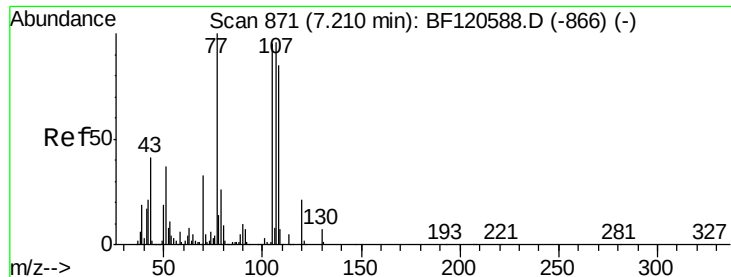


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

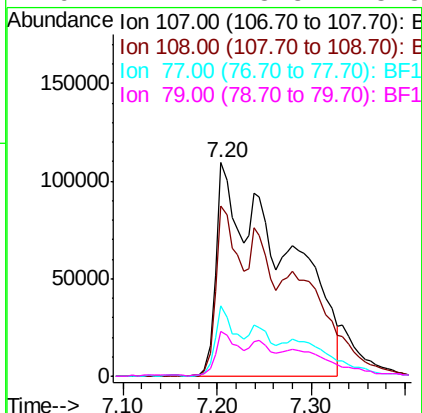
Ion 66.00 (65.70 to 66.70): BF1





#20
3+4-Methylphenols
Concen: 71.528 ng m
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF120731.D
Acq: 29 Jun 2020 16:56

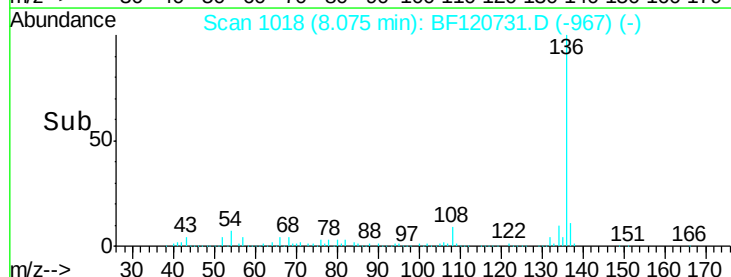
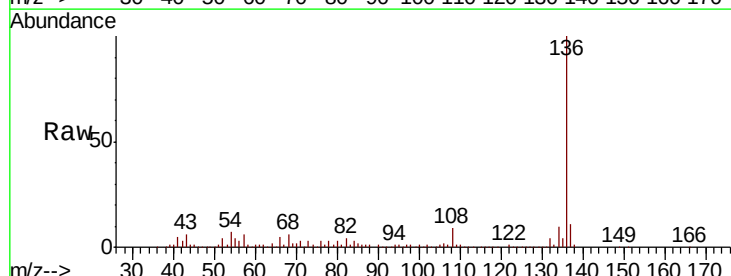
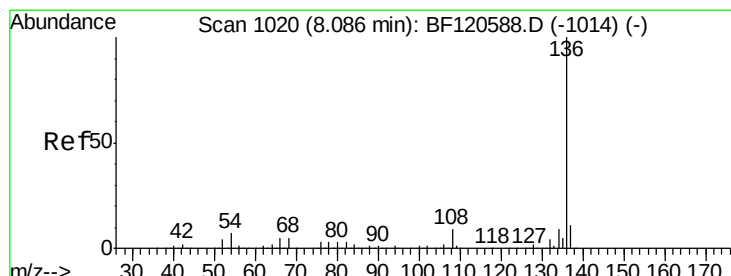
Tot Ion	107	Resp	543892
Ion Ratio	Lower	Upper	
107	100		
108	79.8	70.9	110.9
77	33.2	95.7	135.7#
79	21.1	8.8	48.8



Instrument :
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ClientSampleId :
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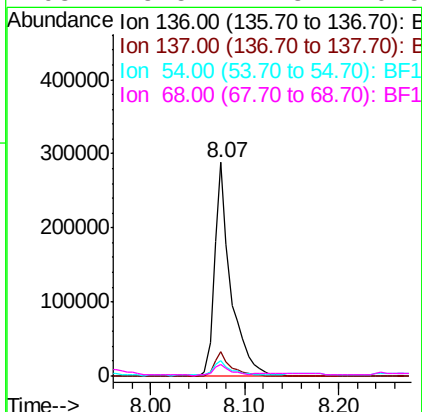
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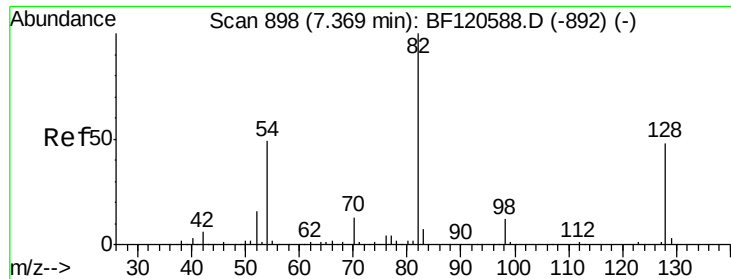
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF120731.D
Acq: 29 Jun 2020 16:56

Tgt Ion	136	Resp	347578
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.6	12.8
54	7.2	5.3	7.9
68	5.5	4.3	6.5





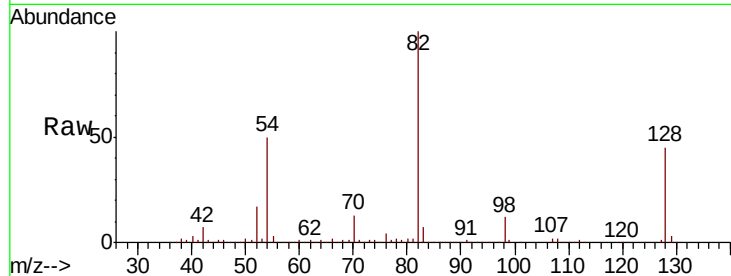
#23
Nitrobenzene-d5
Concen: 65.218 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF120731.D
Acq: 29 Jun 2020 16:56

Instrument :
BNA_F
ClientSampleId :
1405-1406

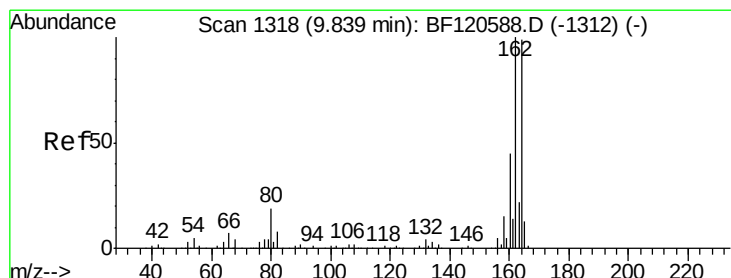
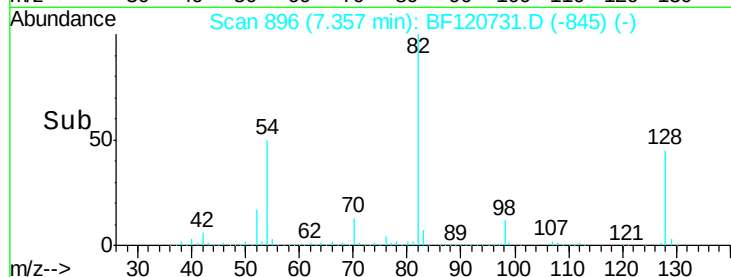
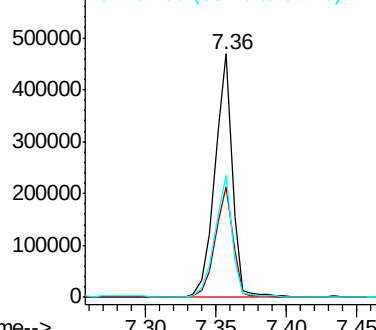
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.5	38.1	57.1	
54	50.1	38.8	58.2	

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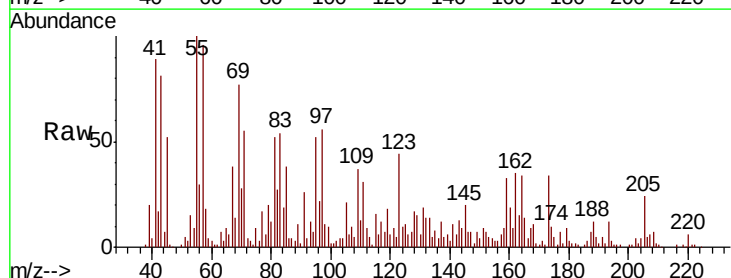


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

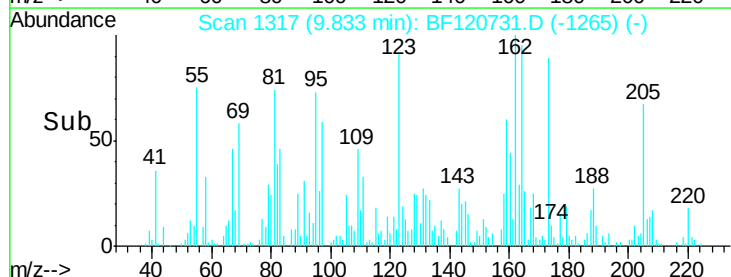
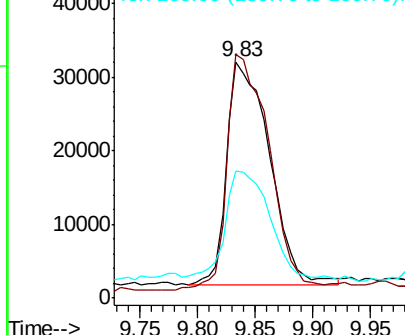


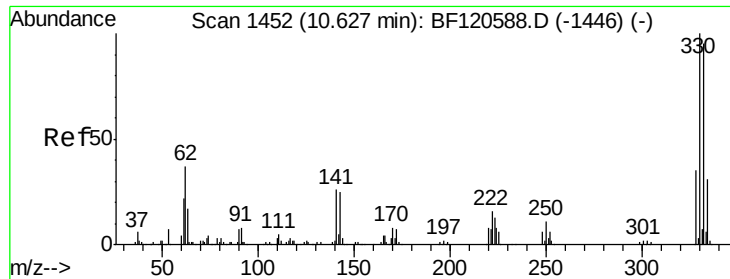
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF120731.D
Acq: 29 Jun 2020 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.2	81.4	122.0	
160	53.9	36.6	55.0	



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: 125.599 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.04 min

Lab File: BF120731.D

Acq: 29 Jun 2020 16:56

Instrument :

BNA_F

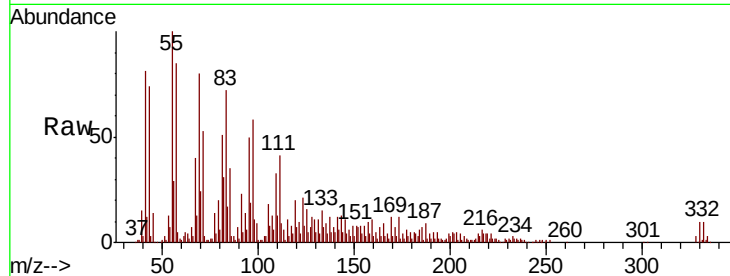
ClientSampleId :

1405-1406

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.4	114.6
141	20.3	23.0	34.6

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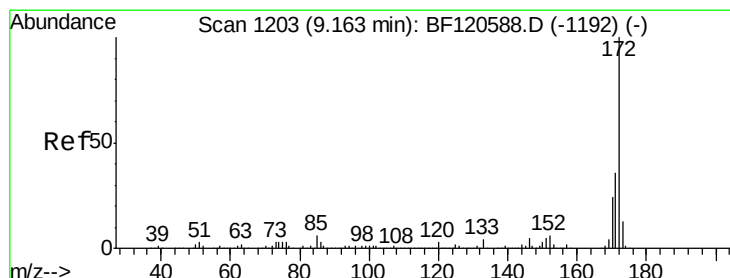
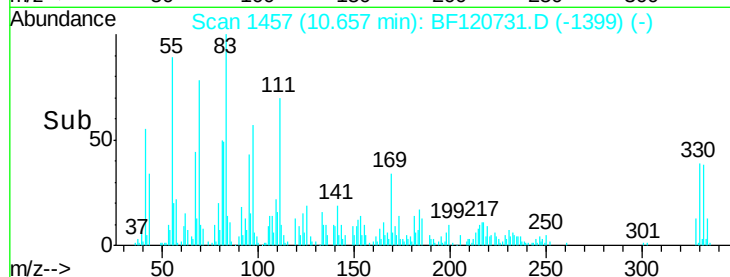
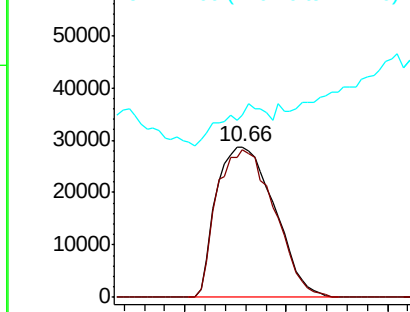


Abundance

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: 98.973 ng

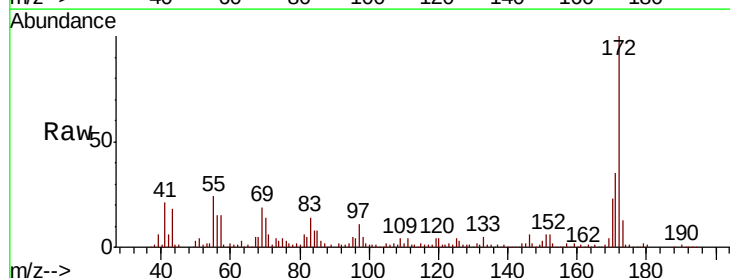
RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF120731.D

Acq: 29 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	43.0
170	22.9	19.1	28.7

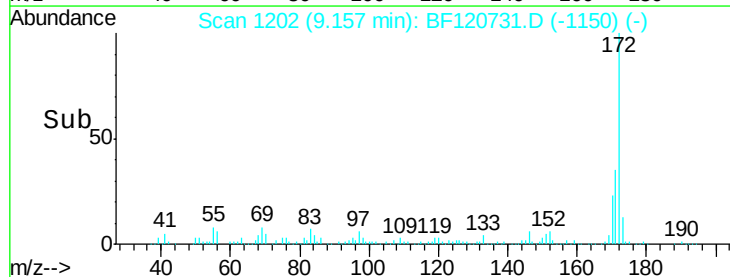
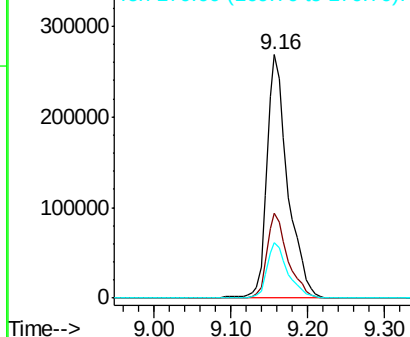


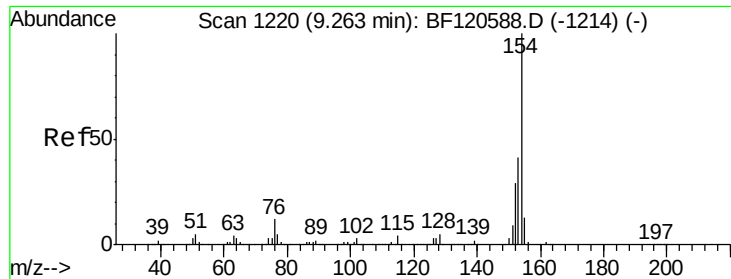
Abundance

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





#46

1,1'-Biphenyl

Concen: 3.468 ng

RT: 9.26 min Scan# 1219

Delta R.T. 0.01 min

Lab File: BF120731.D

Acq: 29 Jun 2020 16:56

Instrument :

BNA_F

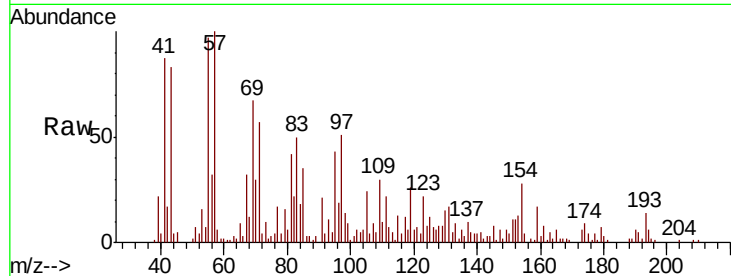
ClientSampleId :

1405-1406

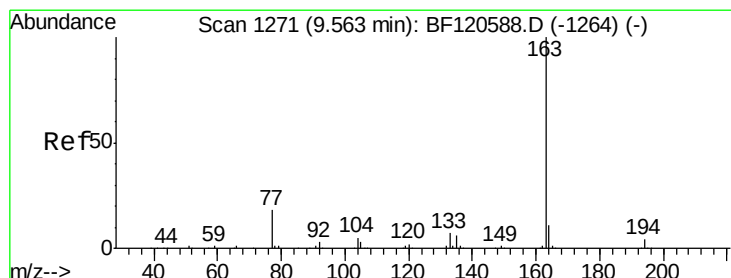
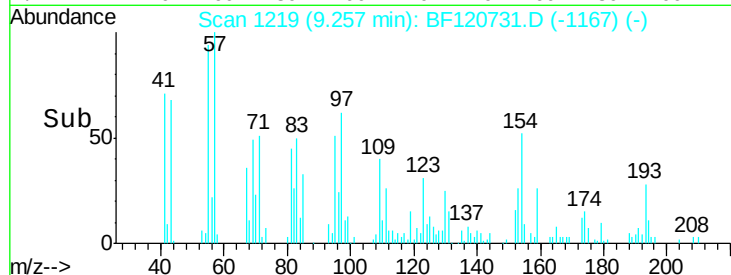
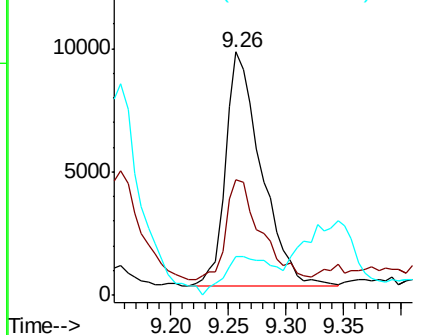
Tot Ion:	154	Resp:	20335
Ion Ratio	Lower	Upper	
154	100		
153	47.5	19.9	59.9
76	16.1	0.0	31.0

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#50

Dimethylphthalate

Concen: 10.703 ng

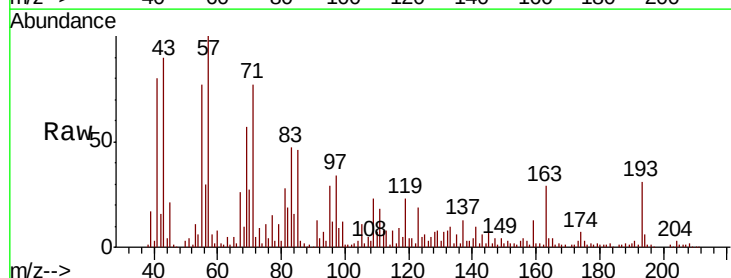
RT: 9.56 min Scan# 1270

Delta R.T. 0.01 min

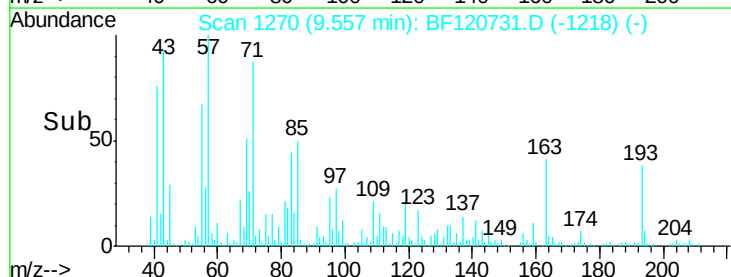
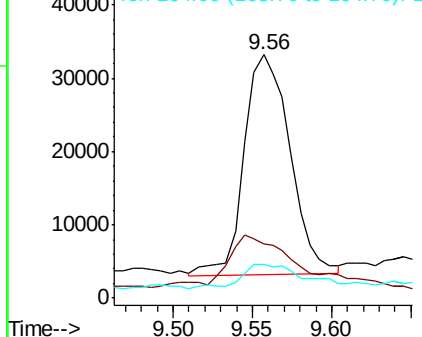
Lab File: BF120731.D

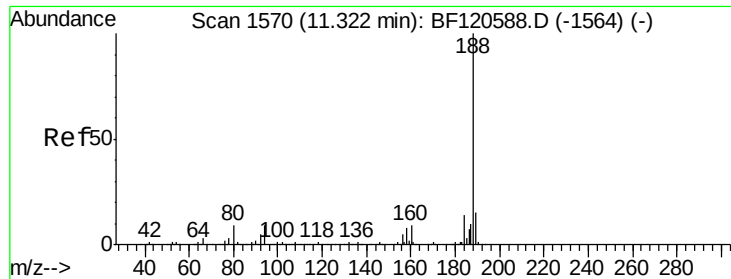
Acq: 29 Jun 2020 16:56

Tgt Ion:	163	Resp:	60529
Ion Ratio	Lower	Upper	
163	100		
194	22.1	3.0	4.6#
164	13.7	8.2	12.2#



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





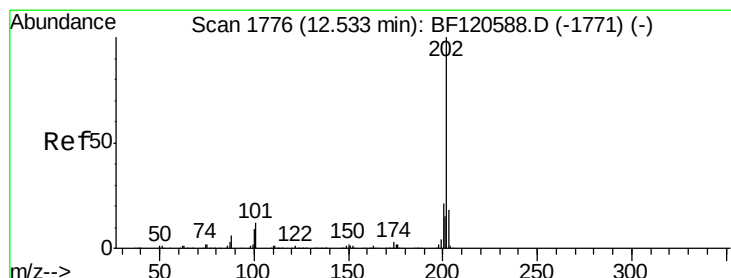
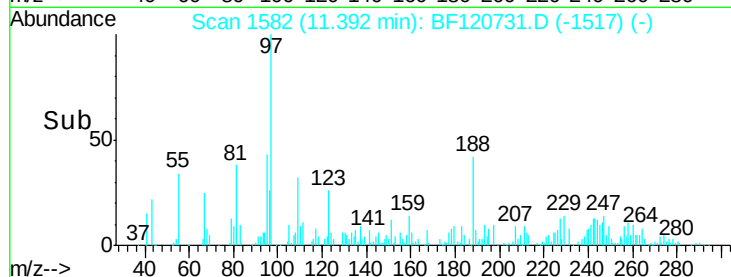
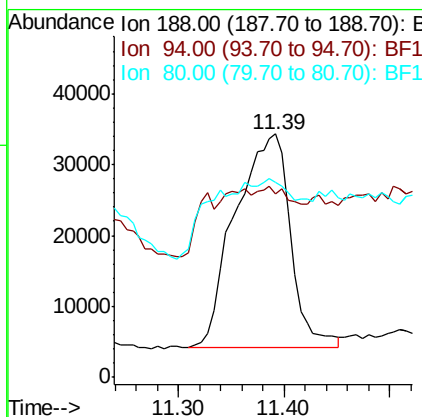
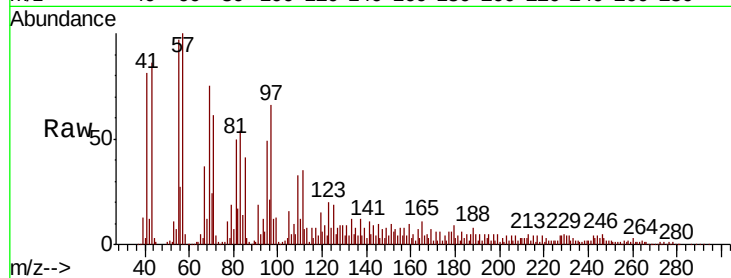
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.08 min
Lab File: BF120731.D
Acq: 29 Jun 2020 16:56

Instrument :
BNA_F
ClientSampleId :
1405-1406

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	75.6	7.5	11.3#	
80	80.2	7.7	11.5#	

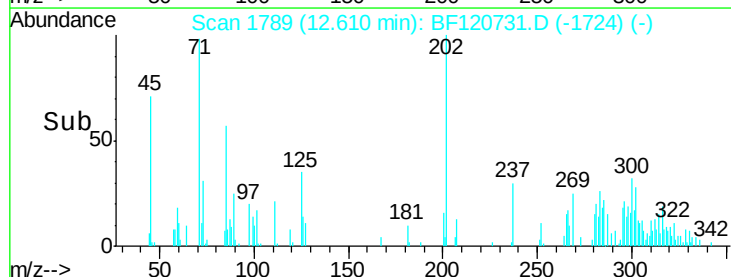
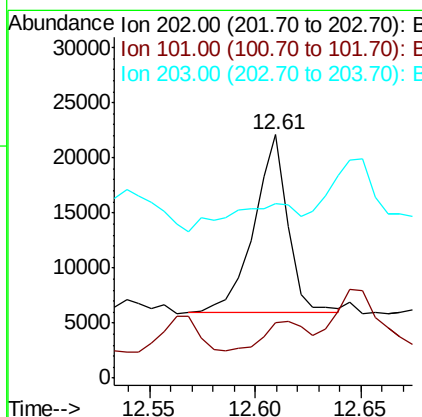
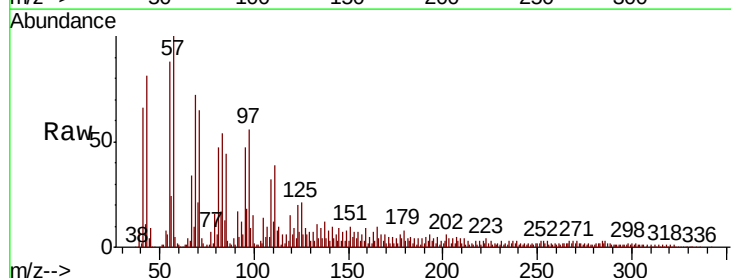
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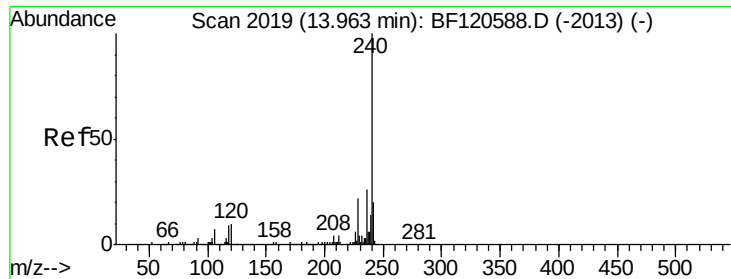
mohammad
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#75
Fluoranthene
Concen: 2.935 ng
RT: 12.61 min Scan# 1789
Delta R.T. 0.08 min
Lab File: BF120731.D
Acq: 29 Jun 2020 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	22.8	0.0	29.8	
203	71.6	0.0	37.7#	





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.04 min

Lab File: BF120731.D

Acq: 29 Jun 2020 16:56

Instrument :

BNA_F

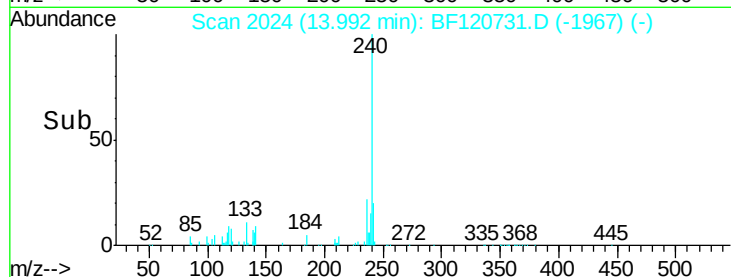
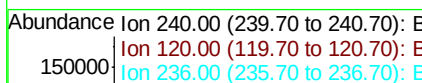
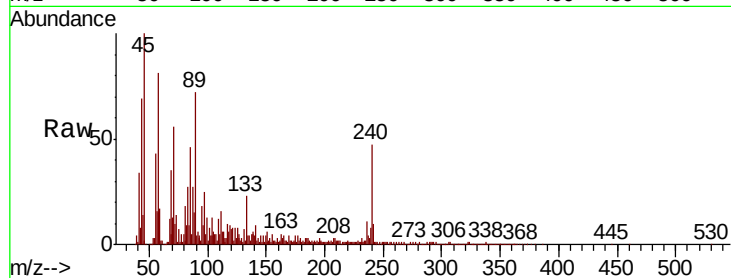
ClientSampleId :

1405-1406

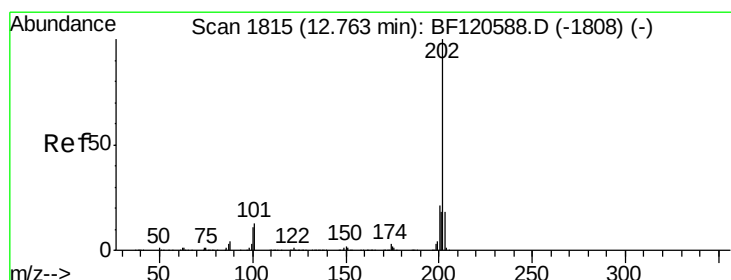
Tot Ion:	240	Resp:	118241
Ion Ratio	Lower	Upper	
240	100		
120	14.5	7.6	11.4#
236	23.9	21.0	31.4

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Time-->



#78

Pyrene

Concen: 2.346 ng m

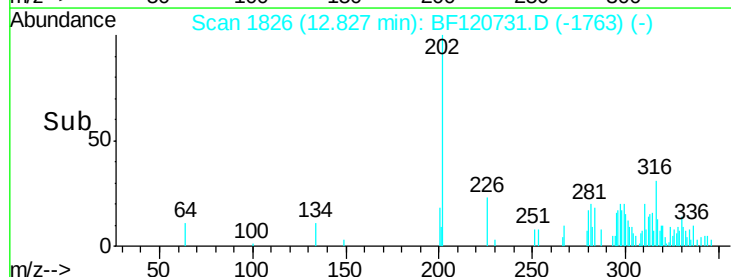
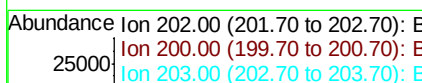
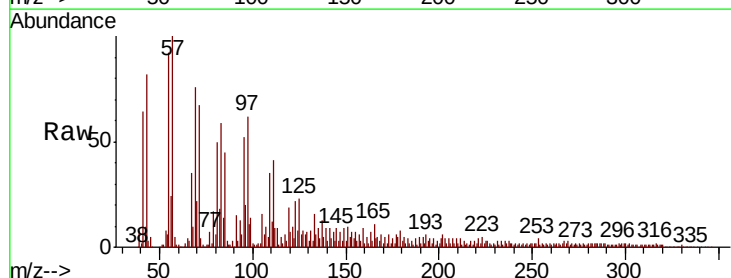
RT: 12.83 min Scan# 1826

Delta R.T. 0.07 min

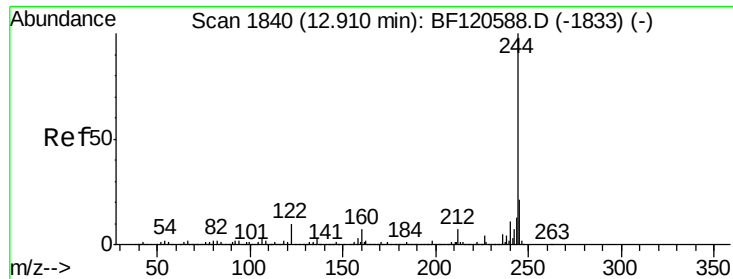
Lab File: BF120731.D

Acq: 29 Jun 2020 16:56

Tgt Ion:	202	Resp:	19647
Ion Ratio	Lower	Upper	
202	100		
200	32.0	16.6	25.0#
203	72.4	14.2	21.2#



Time-->



#79

Terphenyl-d14

Concen: 72.908 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.06 min

Lab File: BF120731.D

Acq: 29 Jun 2020 16:56

Instrument :

BNA_F

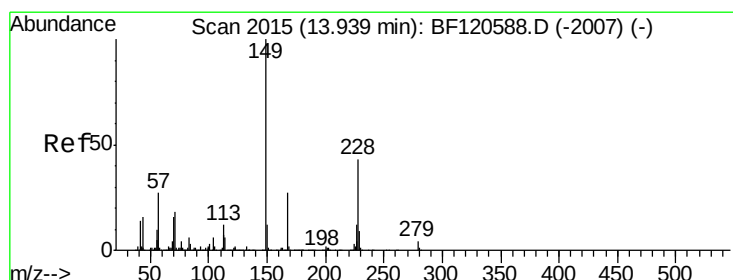
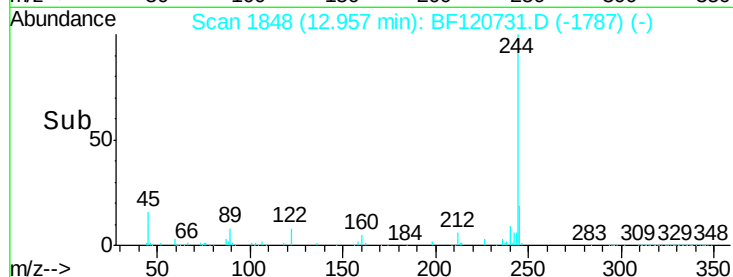
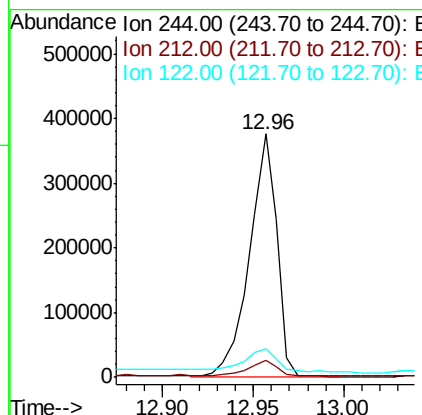
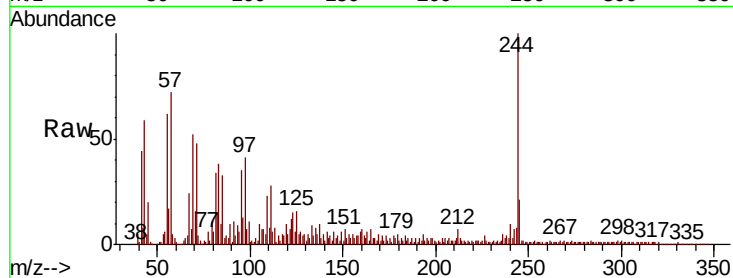
ClientSampleId :

1405-1406

Tot Ion:	244	Resp:	390274
Ion Ratio		Lower	Upper
244	100		
212	6.8	5.6	8.4
122	12.0	8.8	13.2

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#84

Bis(2-ethylhexyl)phthalate

Concen: 8.354 ng

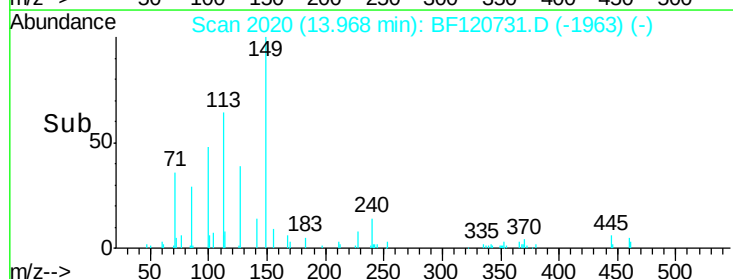
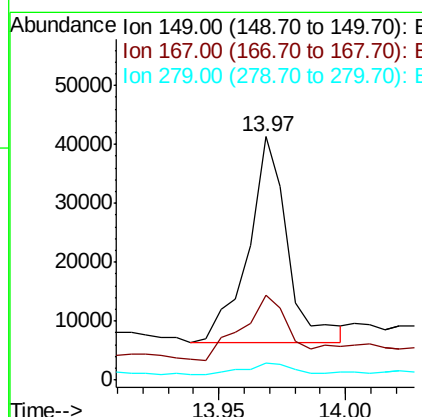
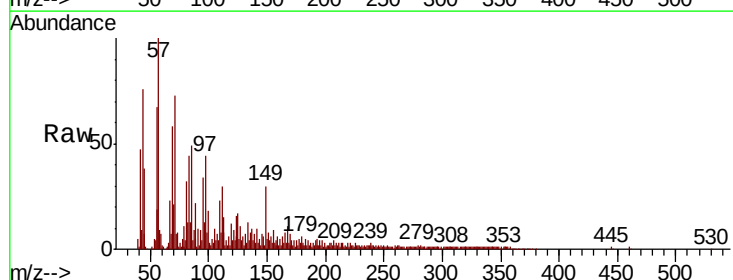
RT: 13.97 min Scan# 2020

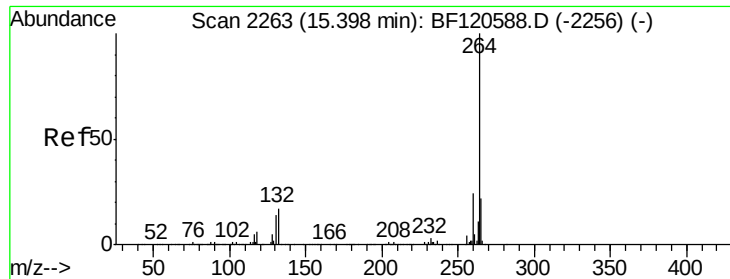
Delta R.T. 0.04 min

Lab File: BF120731.D

Acq: 29 Jun 2020 16:56

Tgt Ion:	149	Resp:	37921
Ion Ratio		Lower	Upper
149	100		
167	35.0	21.9	32.9#
279	7.1	3.6	5.4#





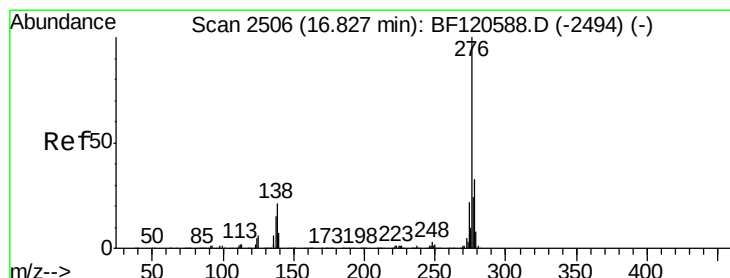
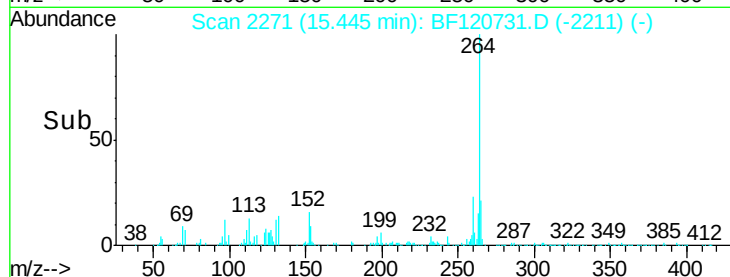
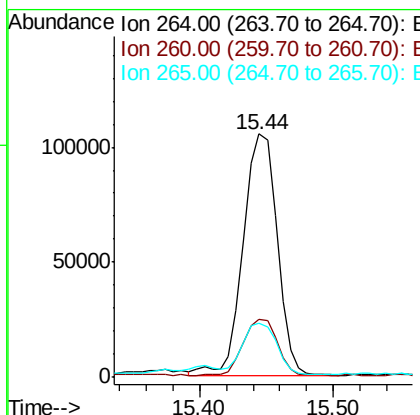
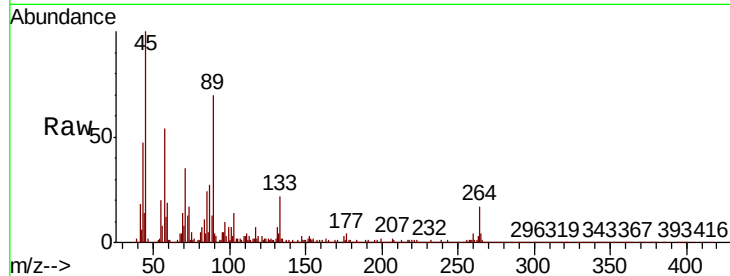
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.05 min
Lab File: BF120731.D
Acq: 29 Jun 2020 16:56

Instrument :
BNA_F
ClientSampled :
1405-1406

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	22.1	17.4	26.0

Manual Integrations
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#87
Indeno(1,2,3-cd)pyrene
Concen: 2.407 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.08 min
Lab File: BF120731.D
Acq: 29 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	66.8	18.4	27.6#
277	33.5	19.8	29.8#

