

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
 Data File : BF118688.D
 Acq On : 24 Jan 2020 16:24
 Operator : CG/JU
 Sample : L1237-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PATERSON-UST

Manual Integrations
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mohammad
 1/28/2020 8:12:19 AM

Quant Time: Jan 27 01:40:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	278508	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	981848	20.00	ng	-0.02
39) Acenaphthene-d10	9.91	164	414465	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	743565	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	604920	20.00	ng	-0.03
87) Perylene-d12	15.47	264	655949	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1464198	97.64	ng	-0.02
7) Phenol-d6	6.49	99	1806603	92.69	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1140689	64.98	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	506939	105.75	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	1857098	73.65	ng	-0.02
79) Terphenyl-d14	12.97	244	2175515	78.44	ng	-0.02
Target Compounds						
10) Phenol	6.50	94	53667	2.416	ng	97
37) 2-Methylnaphthalene	8.86	142	85557	2.733	ng	# 92
38) 1-Methylnaphthalene	8.96	142	135167	4.544	ng	# 98
50) Dimethylphthalate	9.62	163	340679	12.616	ng	# 88
52) Acenaphthene	9.94	154	70058	3.093	ng	# 79
71) Phenanthrene	11.42	178	593874	16.555	ng	# 90
78) Pyrene	12.83	202	117182m	2.853	ng	

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

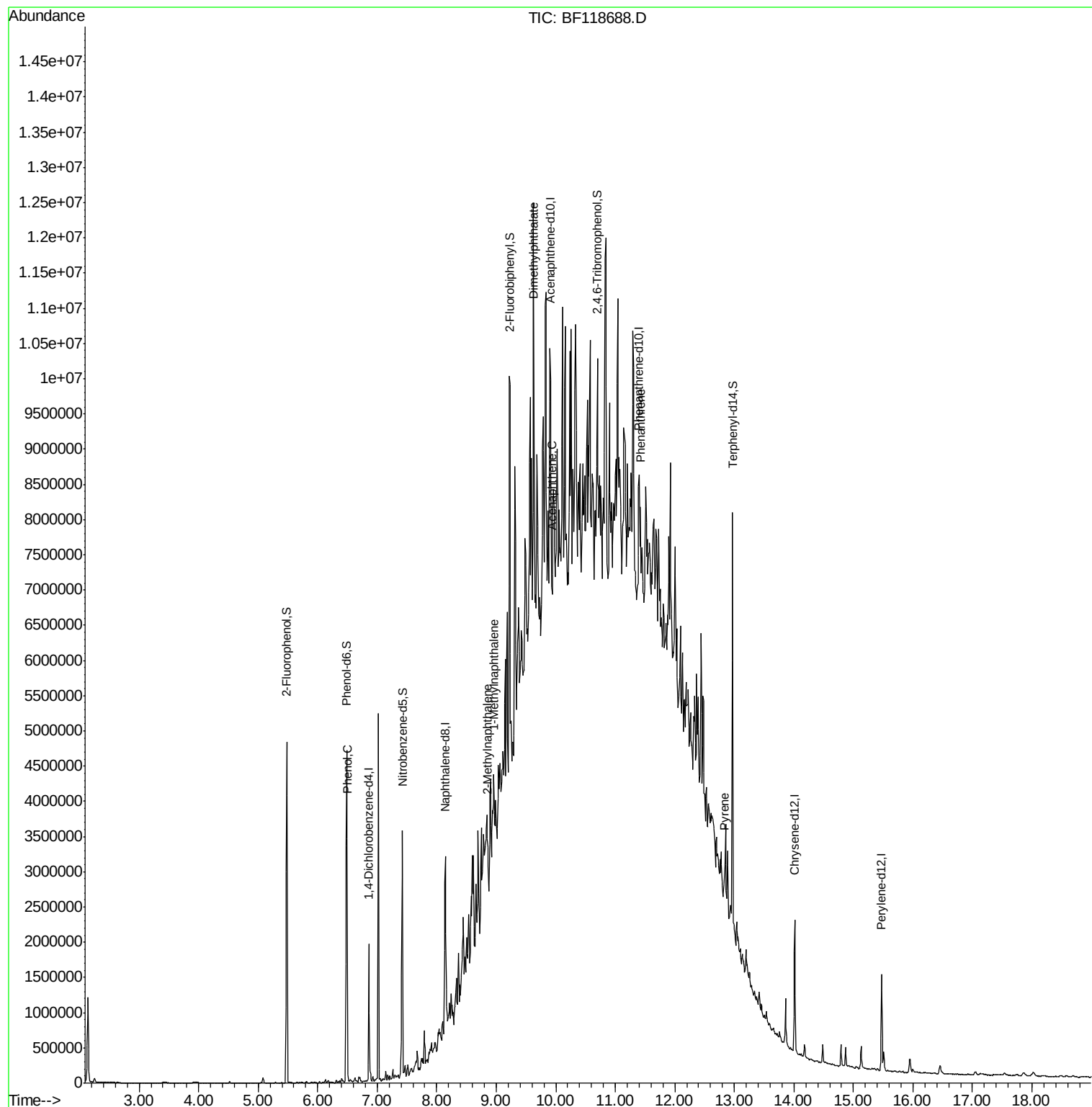
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118688.D
Acq On : 24 Jan 2020 16:24
Operator : CG/JU
Sample : L1237-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

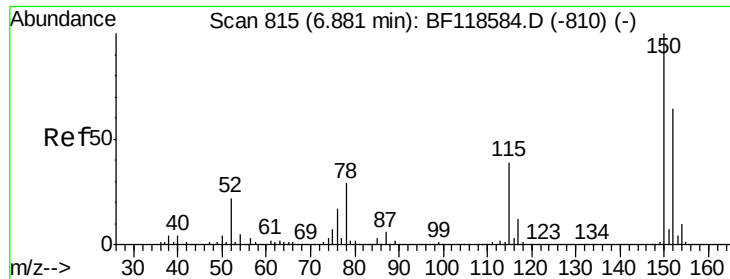
Instrument :
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ClientSampleId :
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#1

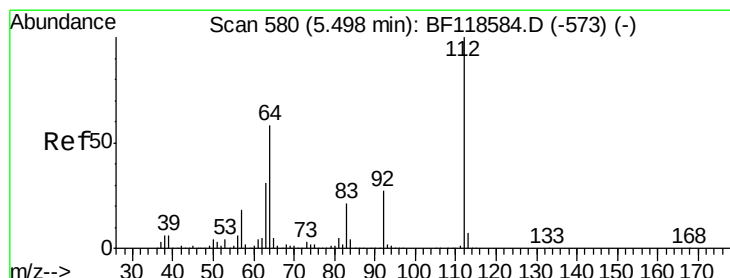
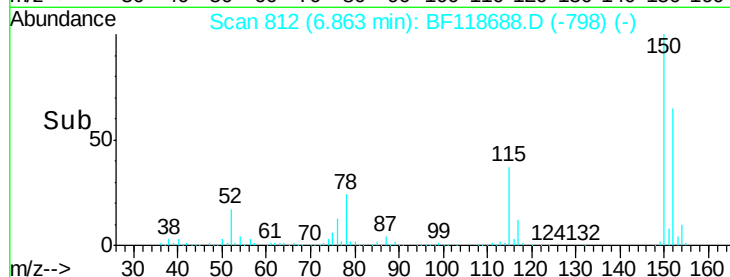
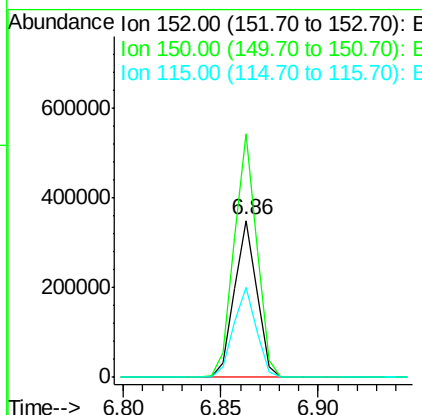
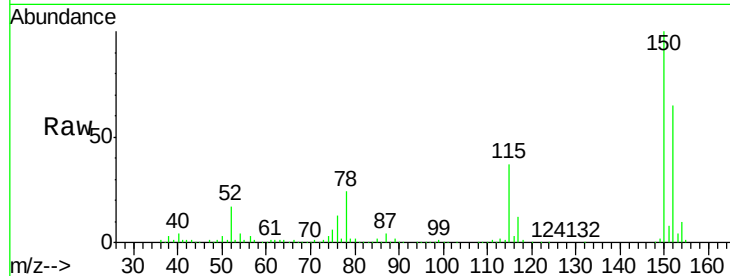
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF118688.D
Acq: 24 Jan 2020 16:24

Instrument :
BNA_F
ClientSampleId :
PATERSON-UST

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	125.6	188.4
115	57.0	48.4	72.6

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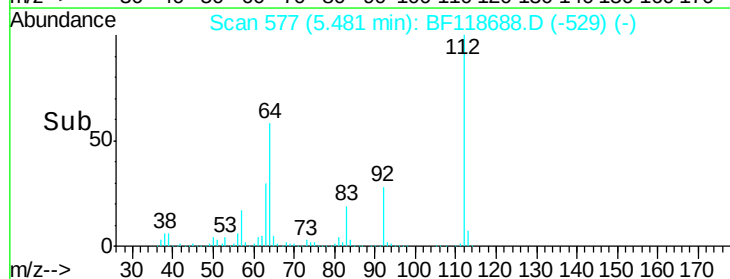
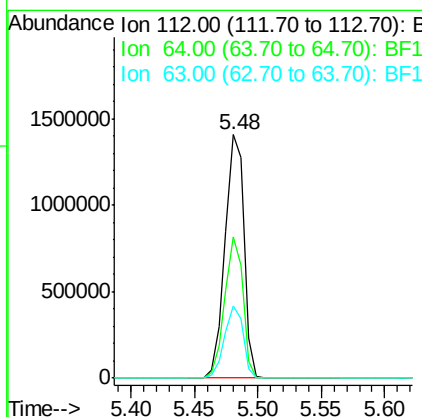
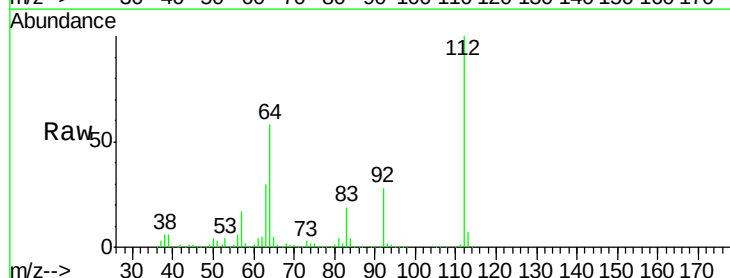
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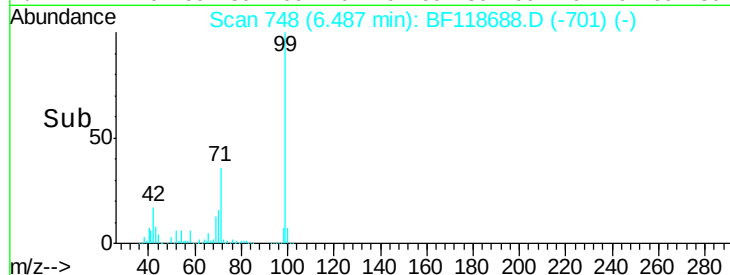
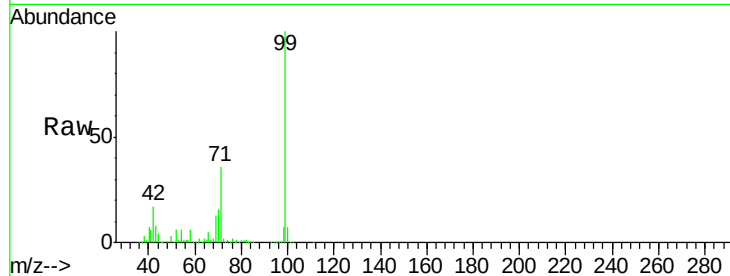
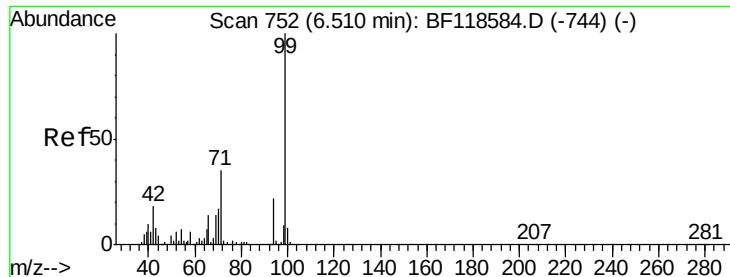


#5

2-Fluorophenol
Concen: 97.641 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.02 min
Lab File: BF118688.D
Acq: 24 Jan 2020 16:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	46.6	70.0
63	29.7	25.1	37.7





#7

Phenol-d6

Concen: 92.691 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF118688.D

Acq: 24 Jan 2020 16:24

Tot Ion: 99 Resp: 1806603

Ion Ratio Lower Upper

99 100

42 17.1 14.2 21.2

71 36.1 27.8 41.6

Instrument :

BNA_F

ClientSampleId :

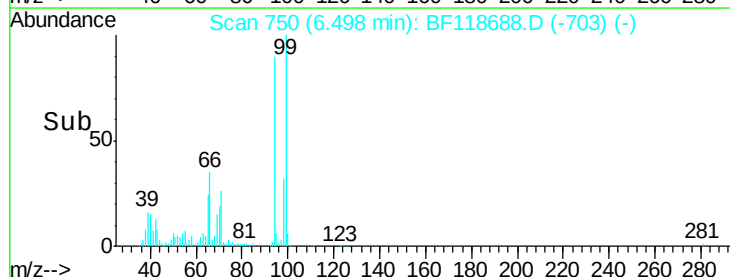
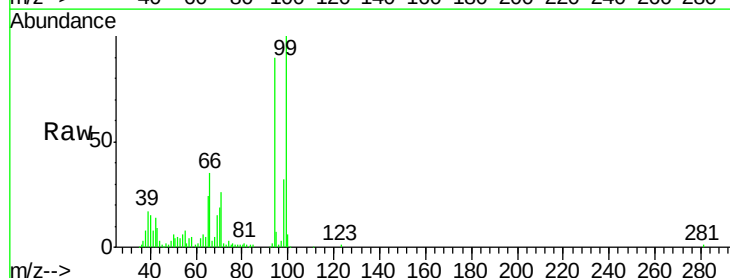
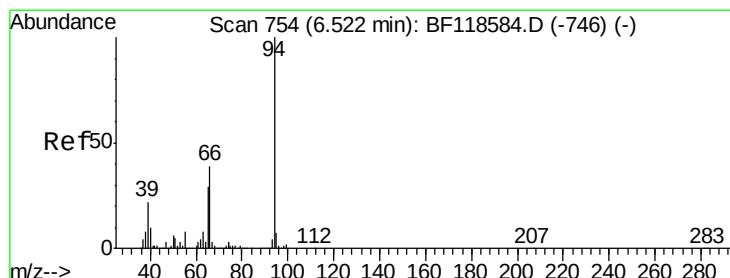
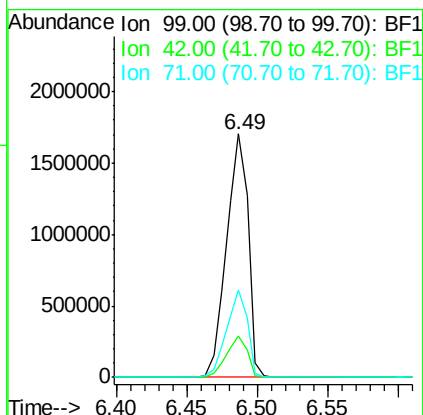
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#10

Phenol

Concen: 2.416 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF118688.D

Acq: 24 Jan 2020 16:24

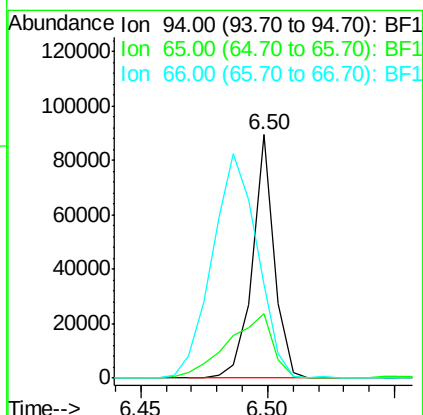
Tgt Ion: 94 Resp: 53667

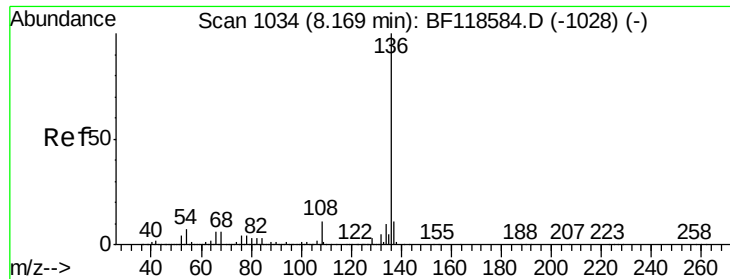
Ion Ratio Lower Upper

94 100

65 26.3 9.5 49.5

66 38.4 18.5 58.5





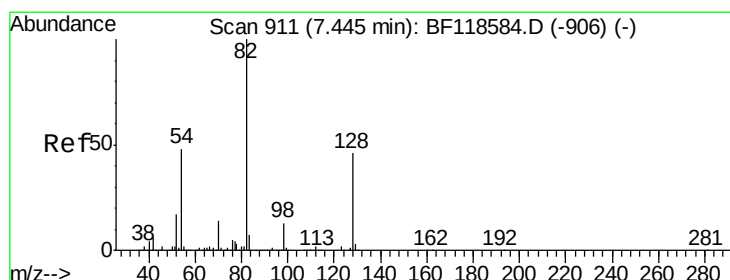
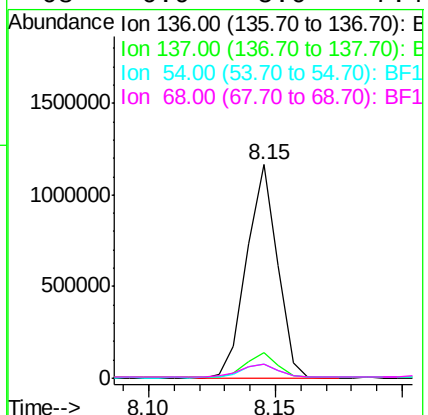
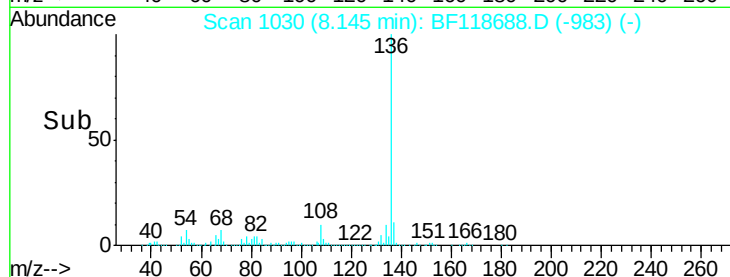
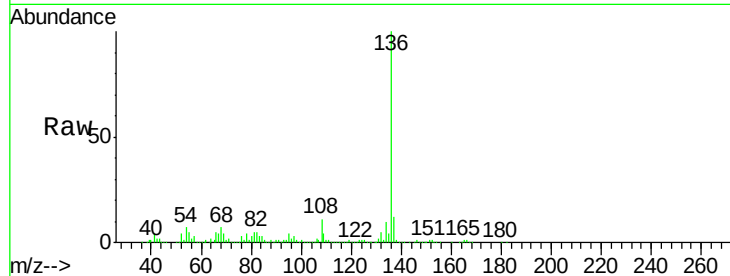
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF118688.D
Acq: 24 Jan 2020 16:24

Instrument :
BNA_F
ClientSampleId :
PATERSON-UST

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		981848		
137	11.8		9.1	13.7	
54	6.9		5.8	8.6	
68	6.9		5.0	7.4	

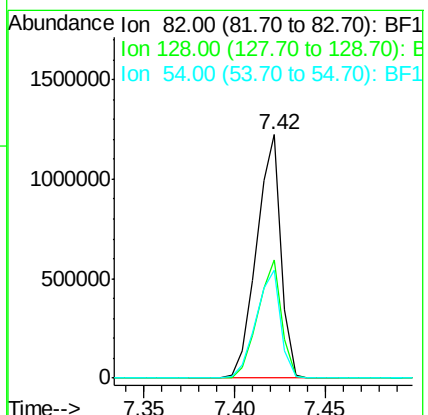
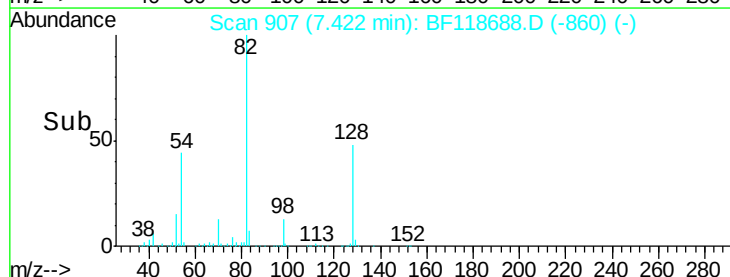
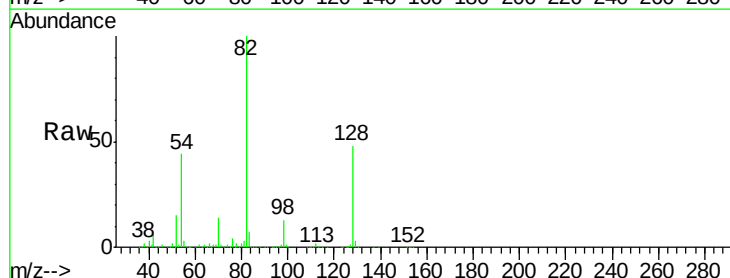
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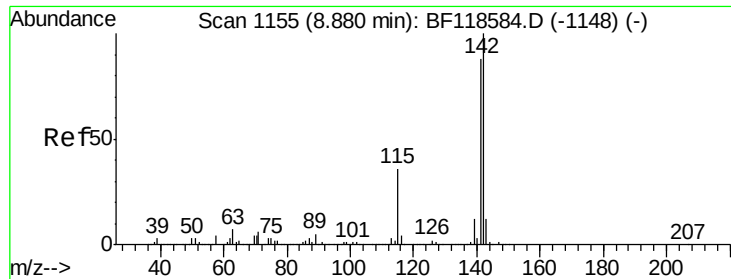
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#23
Nitrobenzene-d5
Concen: 64.983 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF118688.D
Acq: 24 Jan 2020 16:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		1140689		
128	48.4		36.6	54.8	
54	44.1		38.0	57.0	





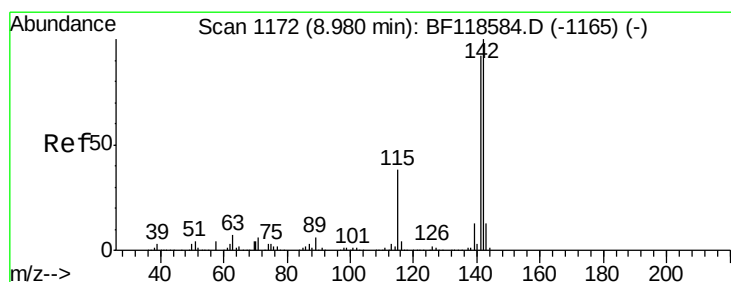
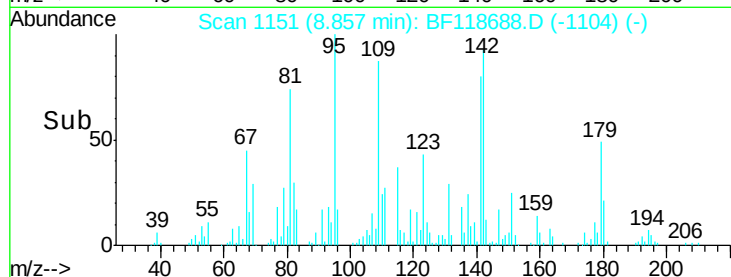
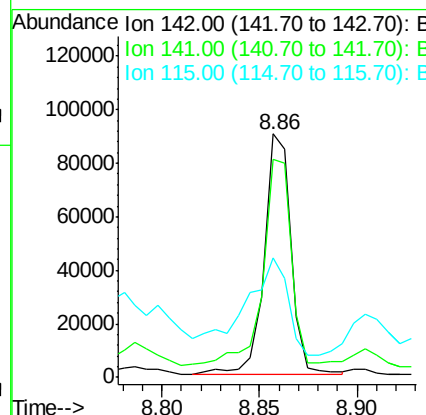
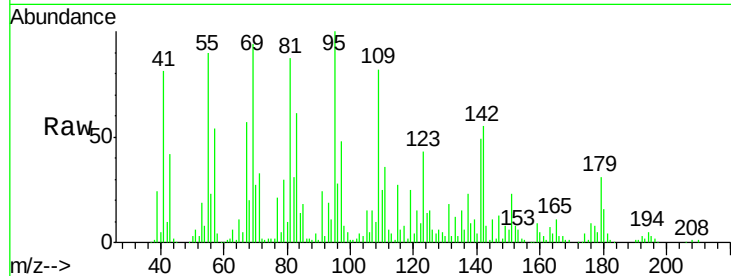
#37
2-Methylnaphthalene
Concen: 2.733 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BF118688.D
Acq: 24 Jan 2020 16:24

Instrument :
BNA_F
ClientSampleId :
PATERSON-UST

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.7	106.1
115	48.9	28.5	42.7

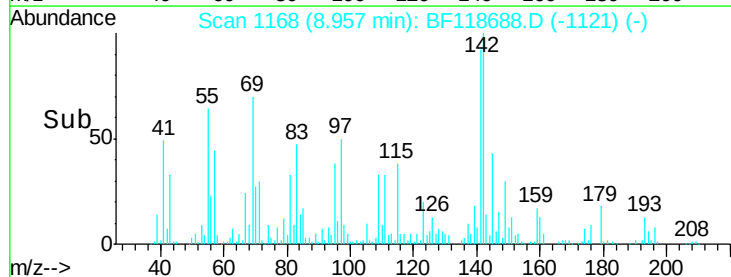
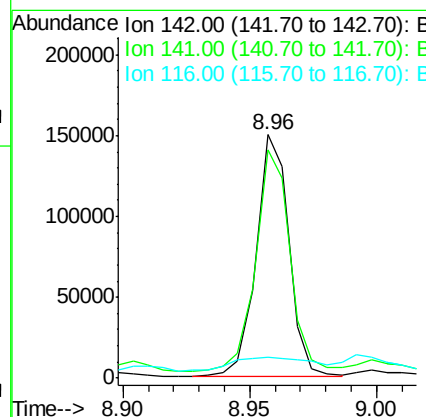
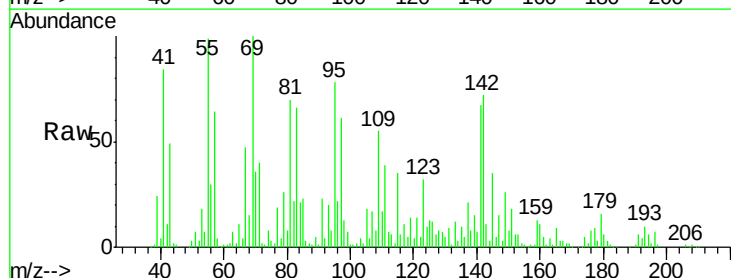
Manual Integrations
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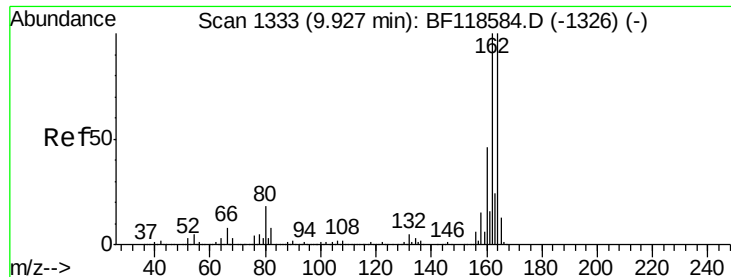
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#38
1-Methylnaphthalene
Concen: 4.544 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF118688.D
Acq: 24 Jan 2020 16:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	73.4	110.2
116	8.7	3.3	4.9





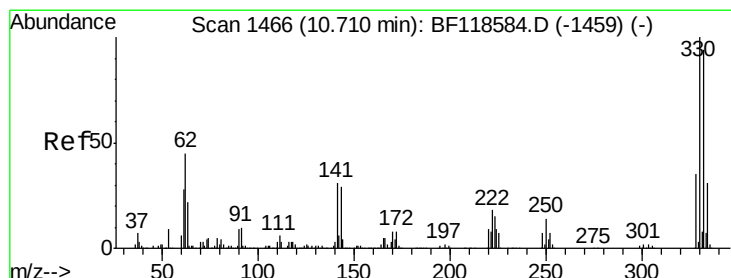
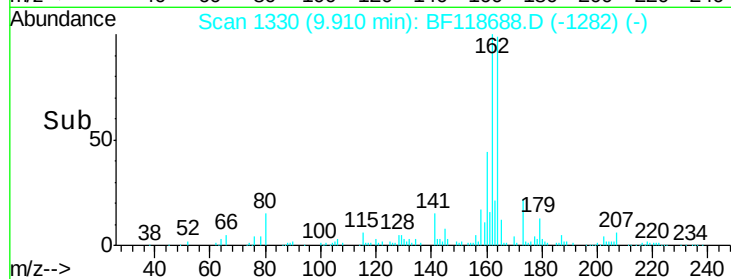
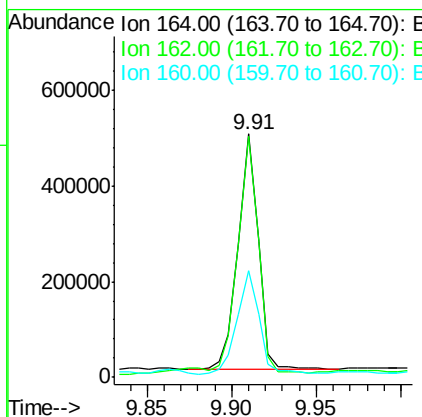
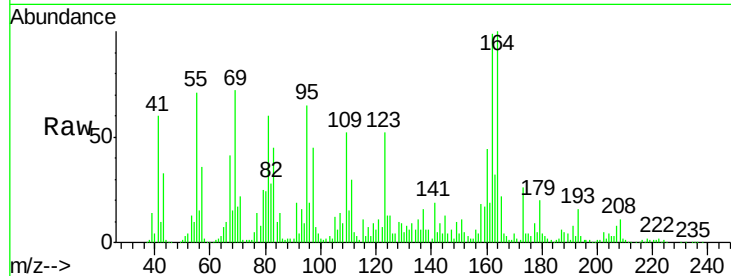
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF118688.D
Acq: 24 Jan 2020 16:24

Instrument :
BNA_F
ClientSampleId :
PATERSON-UST

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.1	80.4	120.6
160	44.0	36.6	55.0

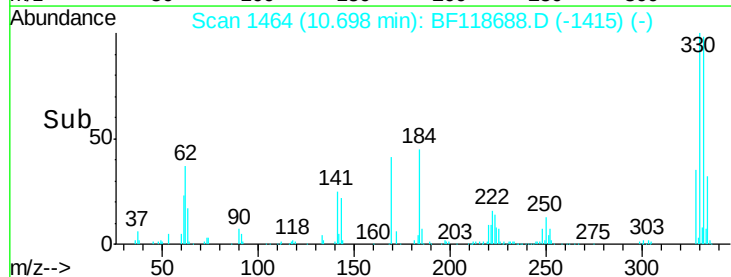
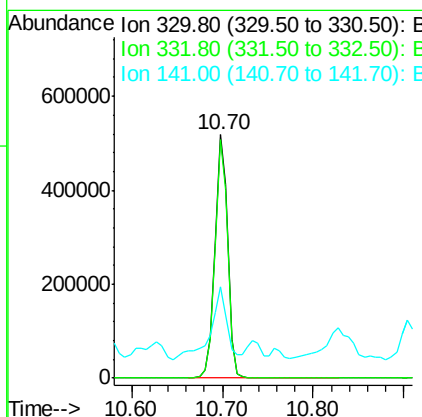
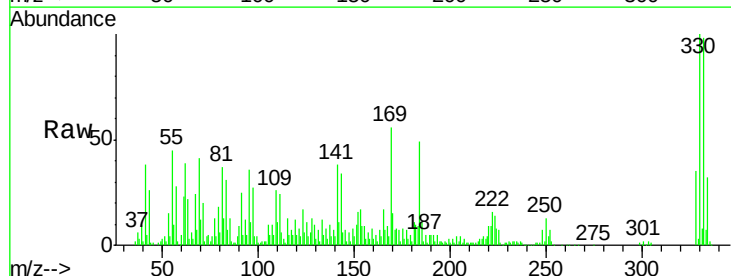
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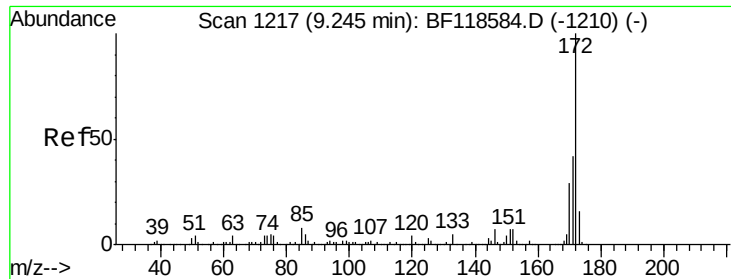
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#42
2,4,6-Tribromophenol
Concen: 105.748 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF118688.D
Acq: 24 Jan 2020 16:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.2	114.4
141	38.6	23.9	35.9#





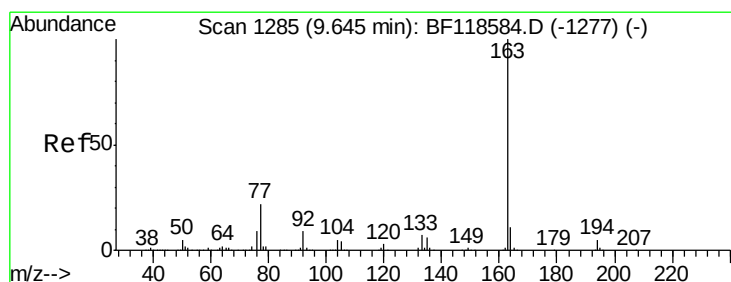
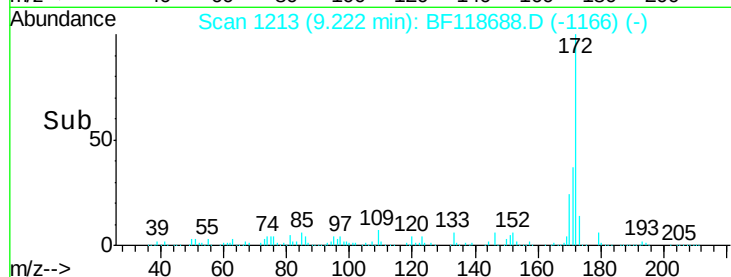
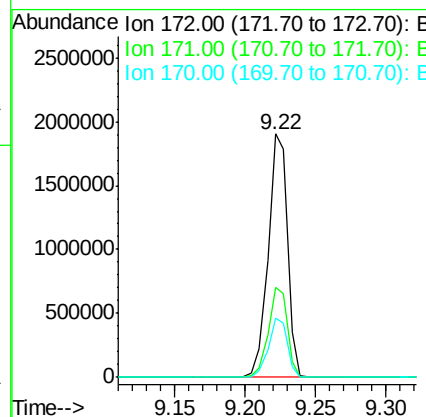
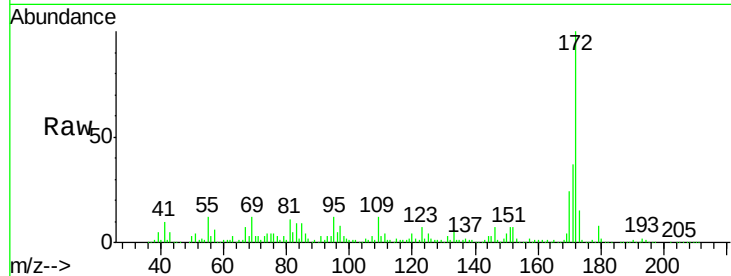
#45
2-Fluorobiphenyl
Concen: 73.646 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BF118688.D
Acq: 24 Jan 2020 16:24

Instrument :
BNA_F
ClientSampleId :
PATERSON-UST

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	33.4	50.2
170	24.4	23.2	34.8

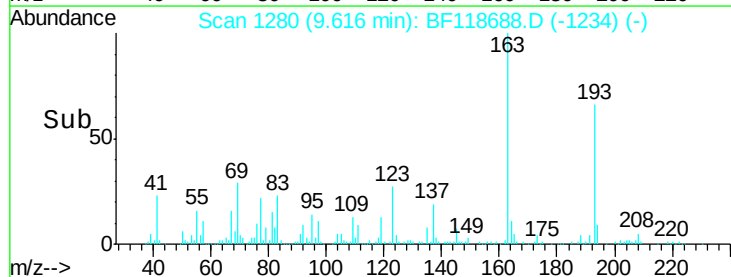
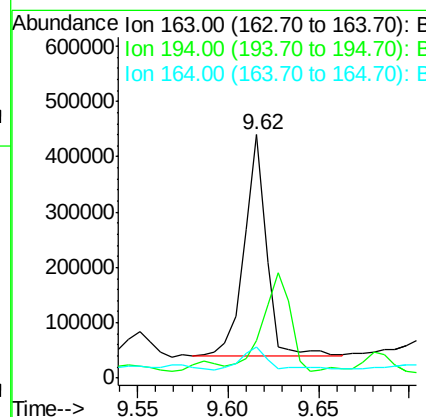
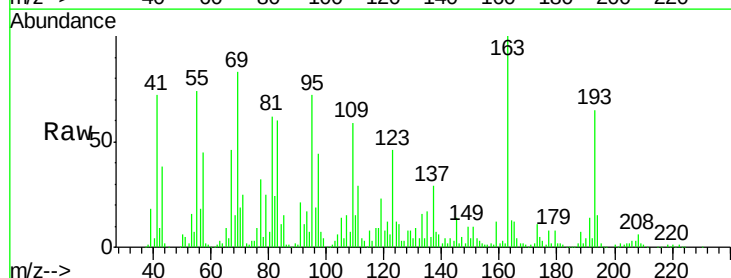
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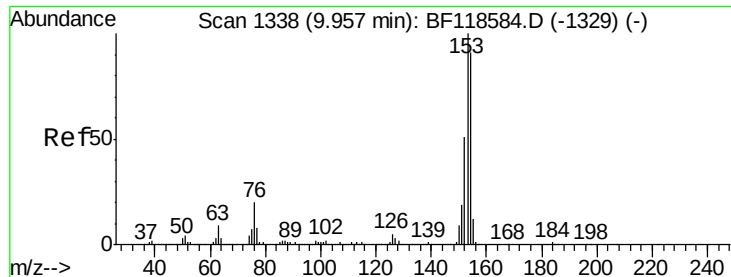
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#50
Dimethylphthalate
Concen: 12.616 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.03 min
Lab File: BF118688.D
Acq: 24 Jan 2020 16:24

Tgt Ion	Ratio	Lower	Upper
163	100		
194	15.3	3.9	5.9#
164	12.8	9.1	13.7





#52

Acenaphthene

Concen: 3.093 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BF118688.D

Acq: 24 Jan 2020 16:24

Instrument :

BNA_F

ClientSampleId :

PATERSON-UST

Tot Ion:154 Resp: 70058

Ion Ratio Lower Upper

154 100

153 126.0 87.6 131.4

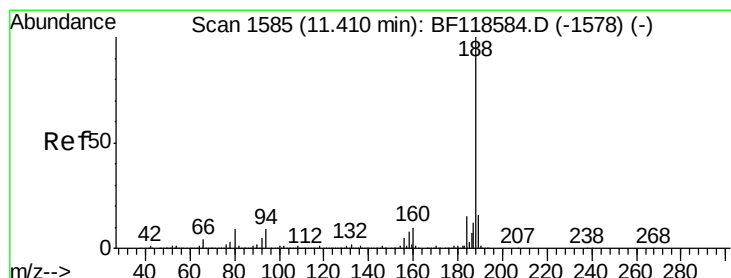
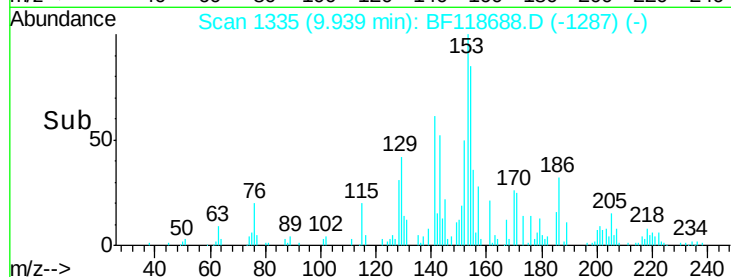
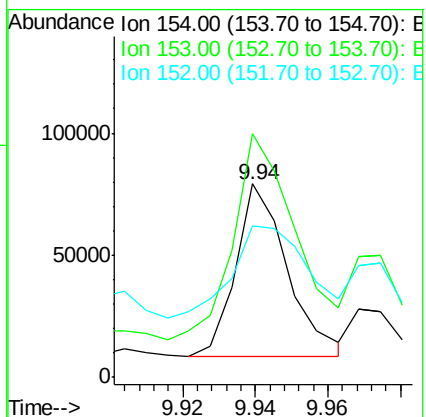
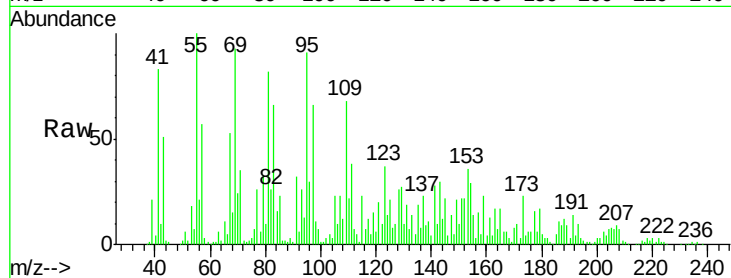
152 78.1 44.4 66.6#

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#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF118688.D

Acq: 24 Jan 2020 16:24

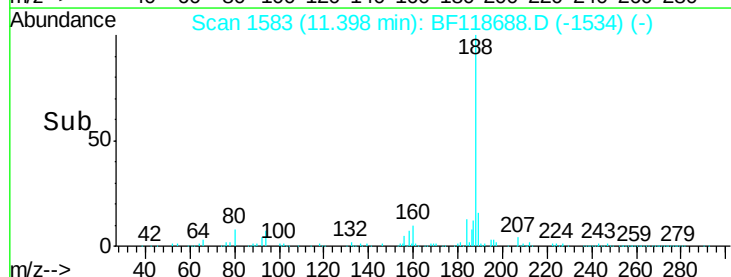
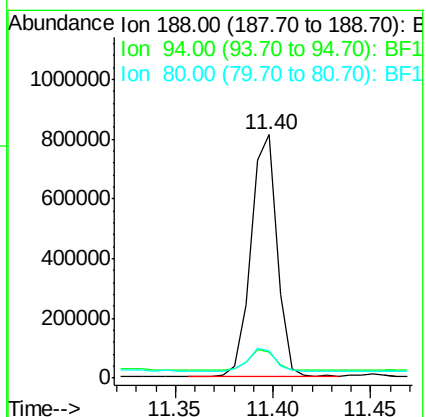
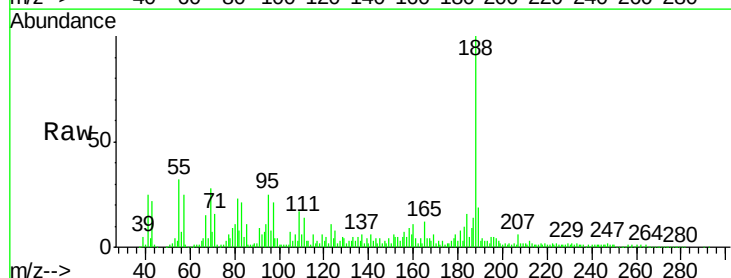
Tgt Ion:188 Resp: 743565

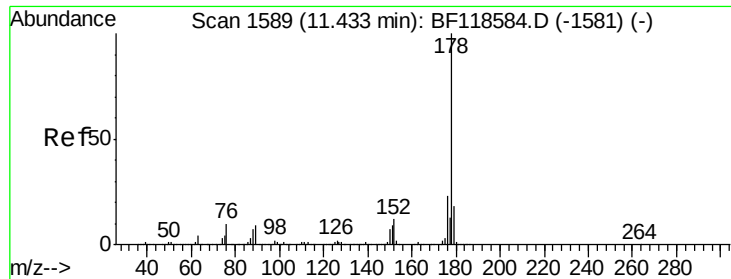
Ion Ratio Lower Upper

188 100

94 10.9 7.1 10.7#

80 11.1 7.5 11.3





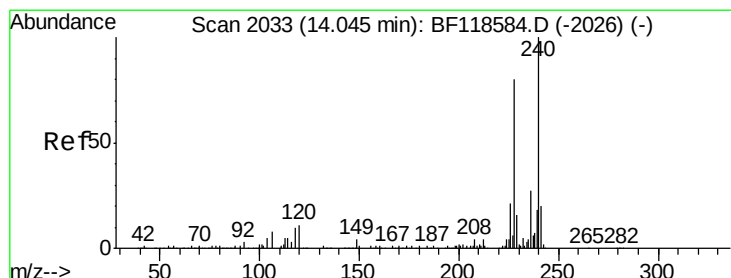
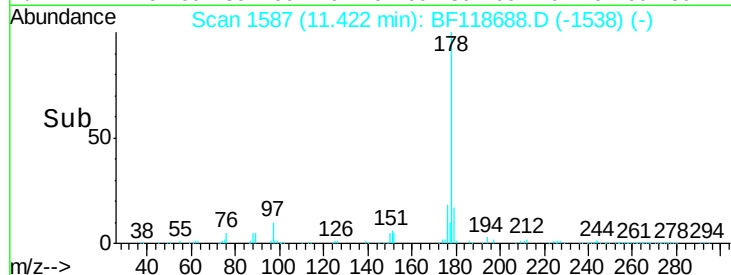
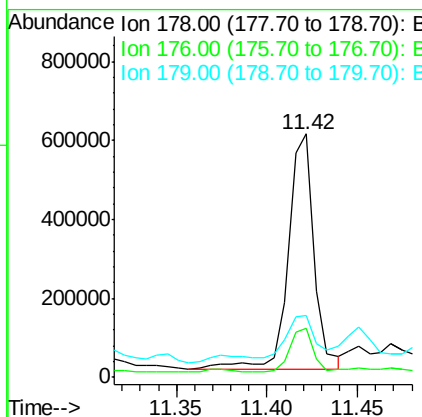
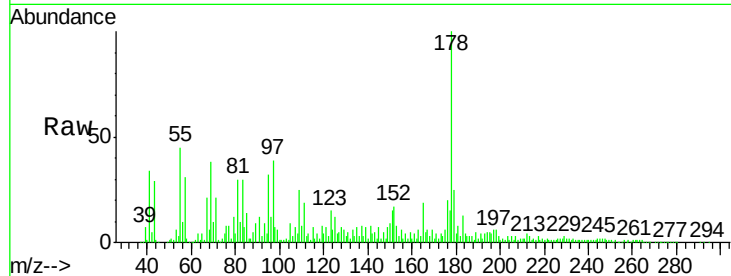
#71
Phenanthrene
Concen: 16.555 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF118688.D
Acq: 24 Jan 2020 16:24

Instrument :
BNA_F
ClientSampleId :
PATERSON-UST

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	18.6	27.8
179	25.3	14.7	22.1

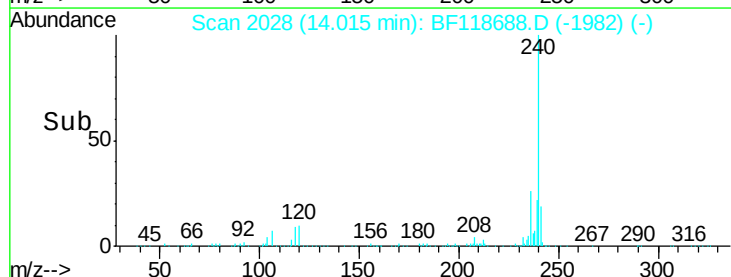
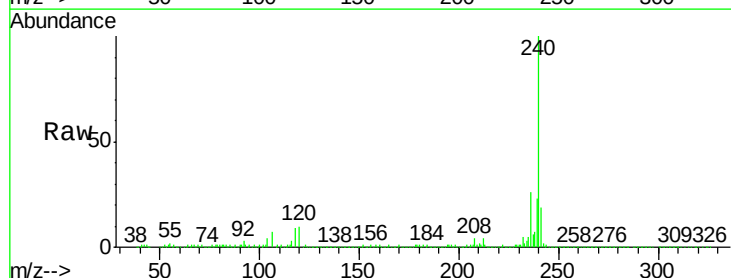
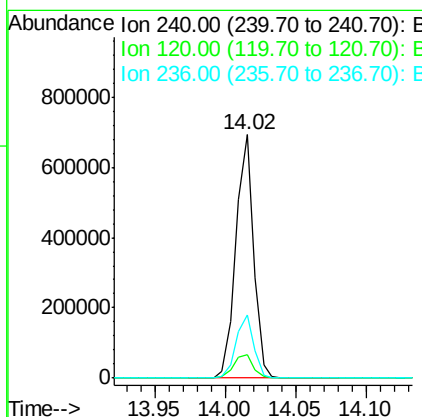
Manual Integrations
APPROVED

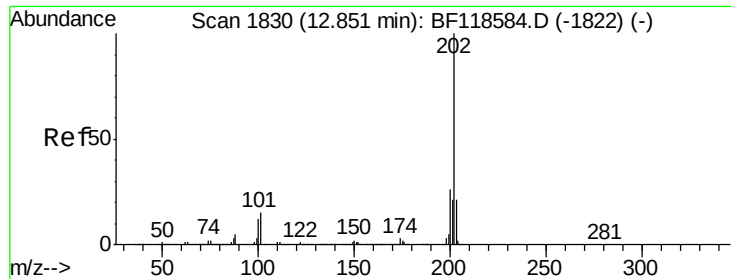
mohammad
1/28/2020 8:12:19 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.03 min
Lab File: BF118688.D
Acq: 24 Jan 2020 16:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.9	13.3
236	25.9	21.5	32.3





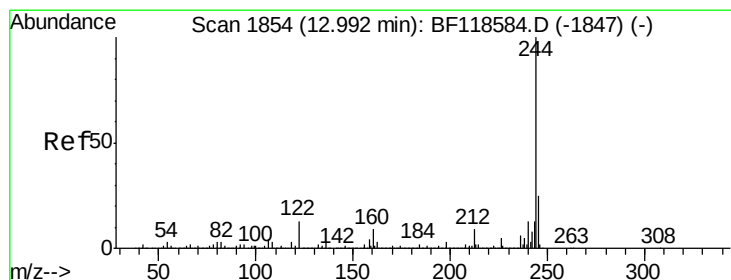
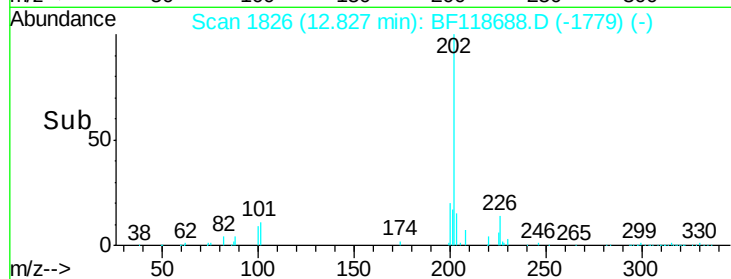
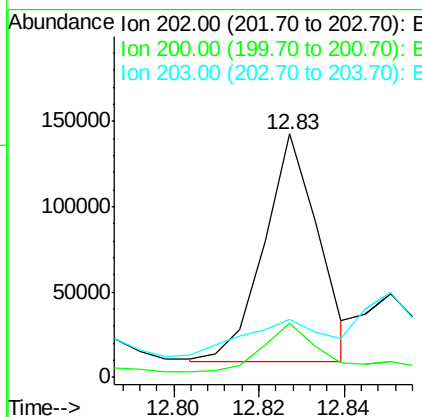
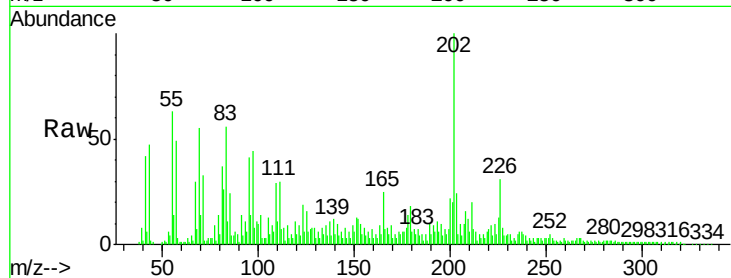
#78
Pvrene
Concen: 2.853 ng/mL
RT: 12.83 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF118688.D
Acq: 24 Jan 2020 16:24

Instrument :
BNA_F
ClientSampleId :
PATERSON-UST

Tot Ion	Ratio	Resp	Lower	Upper
202	100	117182		
200	22.1		20.6	31.0
203	23.6		16.8	25.2

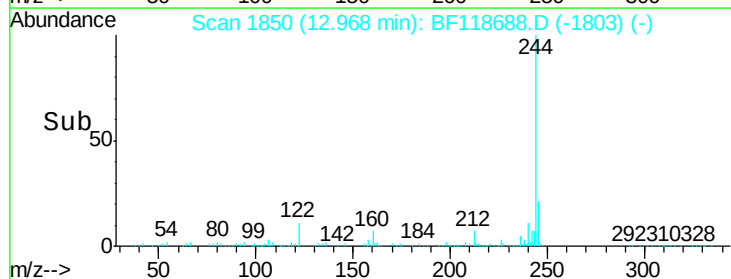
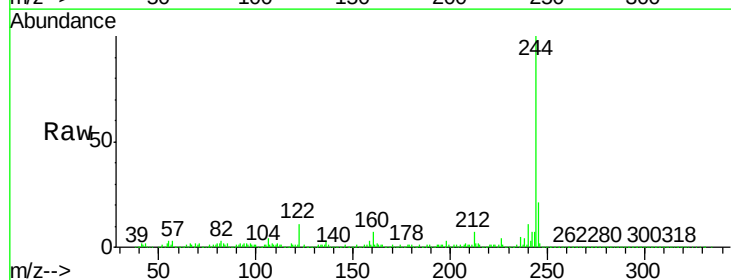
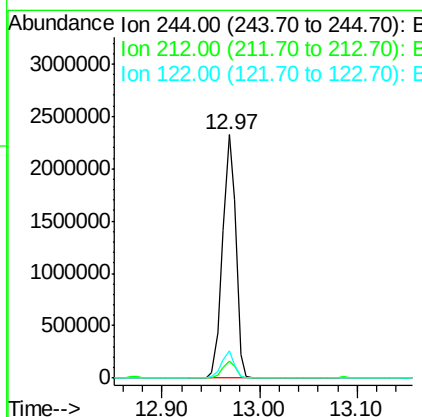
Manual Integrations
APPROVED

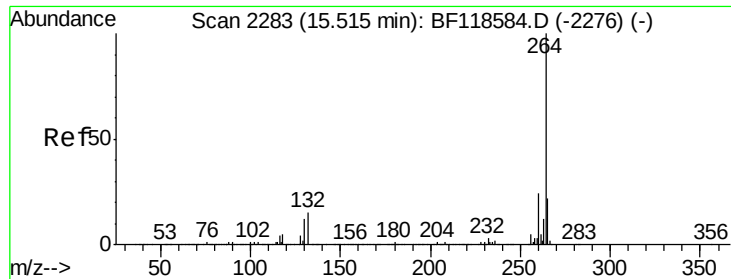
mohammad
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#79
Terphenyl-d14
Concen: 78.440 ng/mL
RT: 12.97 min Scan# 1850
Delta R.T. -0.02 min
Lab File: BF118688.D
Acq: 24 Jan 2020 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	2175515		
212	7.2		7.0	10.4
122	11.1		10.7	16.1





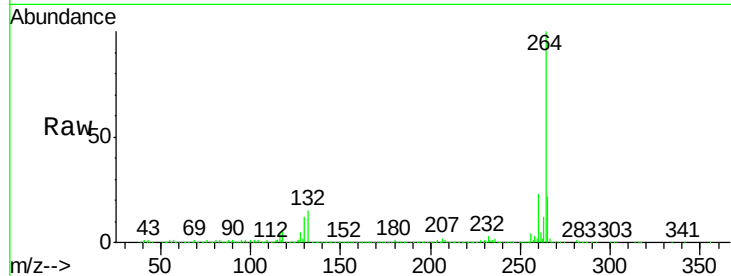
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.04 min
Lab File: BF118688.D
Acq: 24 Jan 2020 16:24

Instrument :
BNA_F
ClientSampleId :
PATERSON-UST

Tot Ion:	264	Resp:	655949
Ion Ratio		Lower	Upper
264	100		
260	23.0	19.6	29.4
265	21.5	17.7	26.5

Manual Integrations
APPROVED

mohammad
1/28/2020 8:12:19 AM



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

