

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061820\
 Data File : BF120643.D
 Acq On : 18 Jun 2020 15:46
 Operator : JU/CG
 Sample : L2817-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-061720

Manual Integrations
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Quant Time: Jun 18 16:33:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	145731	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	542885	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	272037	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	525015	20.00	ng	0.00
76) Chrysene-d12	13.95	240	263844	20.00	ng	-0.01
86) Perylene-d12	15.39	264	276961	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	833541	98.06	ng	0.00
7) Phenol-d6	6.43	99	1019474	96.30	ng	0.00
23) Nitrobenzene-d5	7.36	82	666759	68.65	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	323775	102.37	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1255994	70.64	ng	0.00
79) Terphenyl-d14	12.91	244	1505060	126.00	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.55	163	121109	6.181	ng	99
71) Phenanthrene	11.34	178	73014	2.798	ng	98
75) Fluoranthene	12.53	202	186134	6.238	ng	98
78) Pyrene	12.76	202	184788	9.886	ng	98
81) Benzo(a)anthracene	13.94	228	51454	3.246	ng	94
83) Chrysene	13.97	228	50596	3.112	ng	96
88) Benzo(b)fluoranthene	14.97	252	65675m	3.981	ng	
90) Benzo(a)pyrene	15.33	252	44345	3.003	ng	# 92
92) Benzo(g,h,i)perylene	17.23	276	34612	2.542	ng	98

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

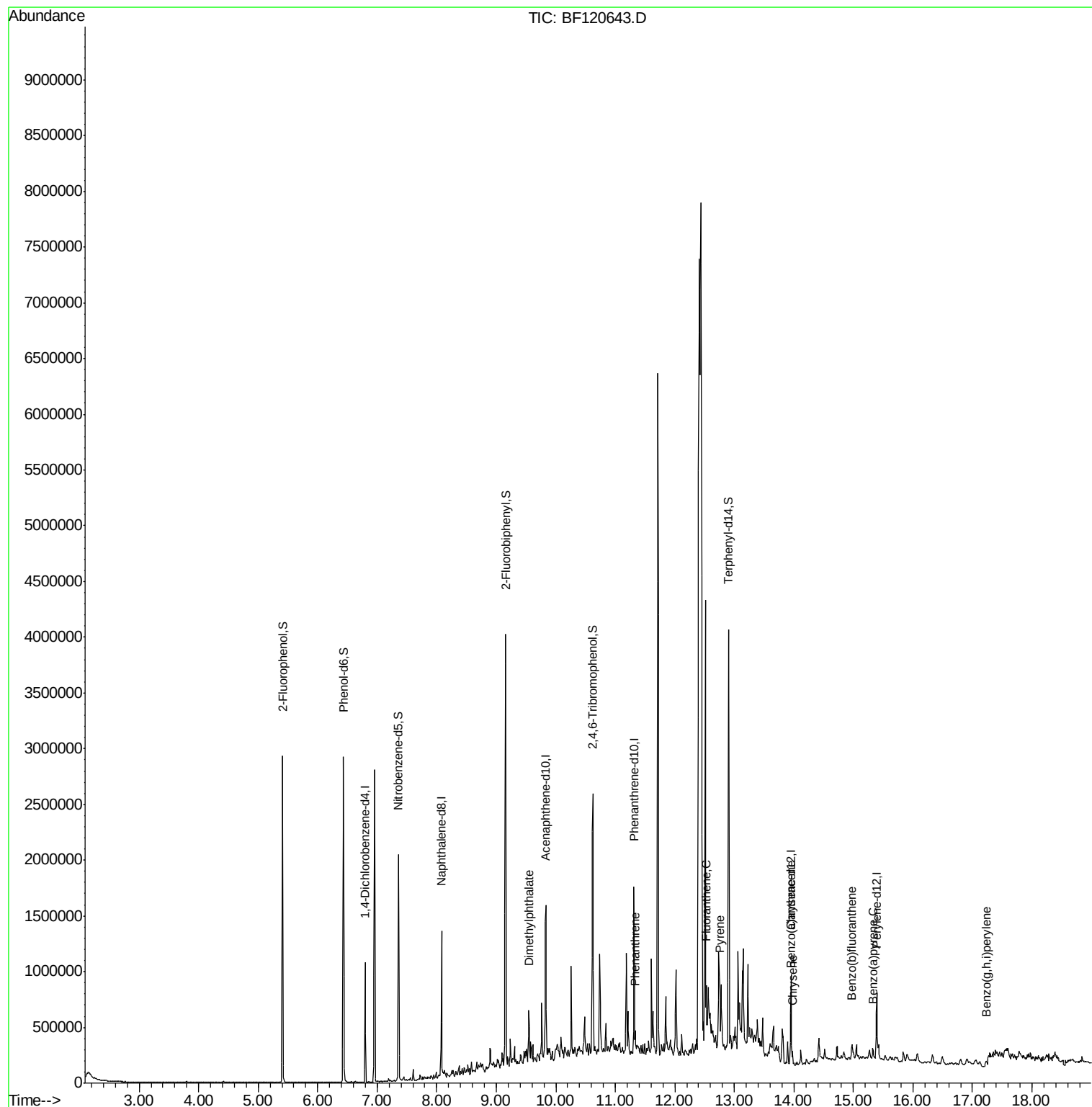
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061820\
Data File : BF120643.D
Acq On : 18 Jun 2020 15:46
Operator : JU/CG
Sample : L2817-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

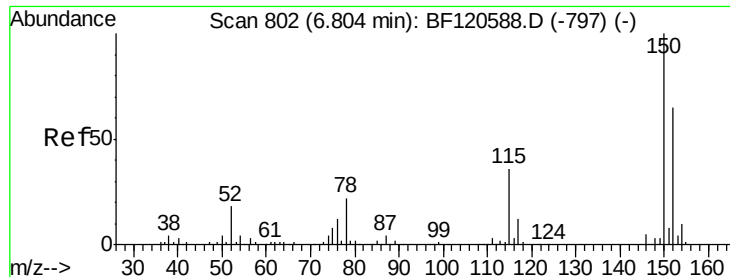
Instrument :
BNA_F
ClientSampleId :
SU-04-061720

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Quant Time: Jun 18 16:33:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration





#1

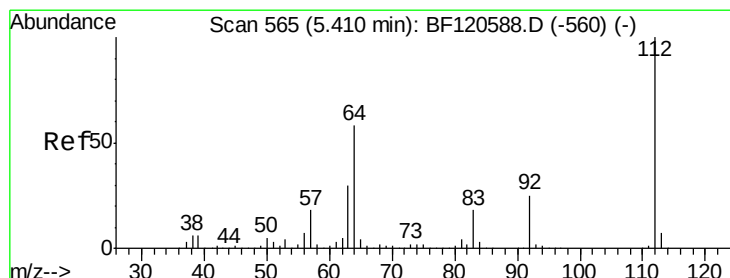
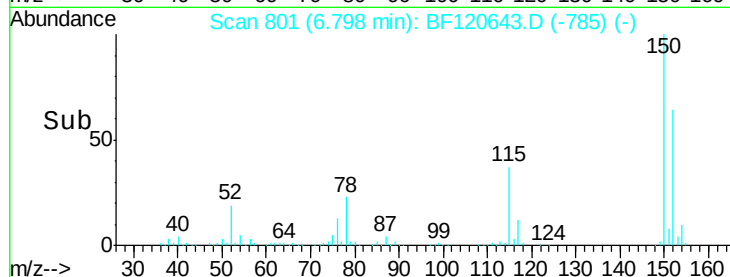
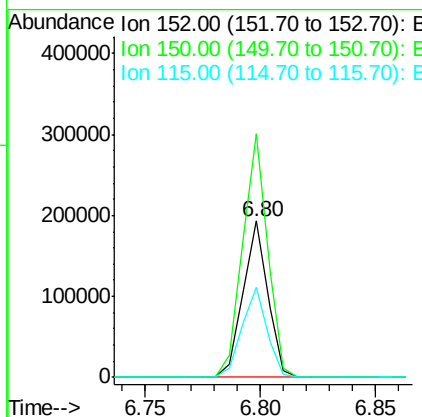
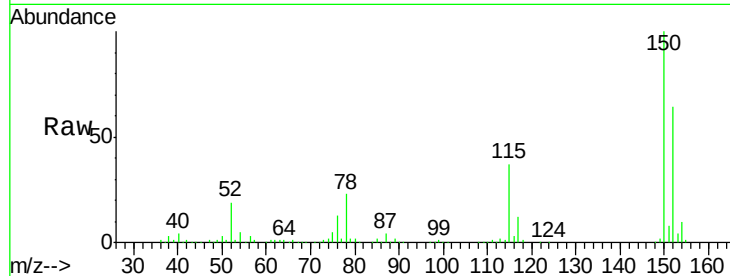
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120643.D
Acq: 18 Jun 2020 15:46

Instrument :
BNA_F
ClientSampleId :
SU-04-061720

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	123.2	184.8
115	57.4	43.9	65.9

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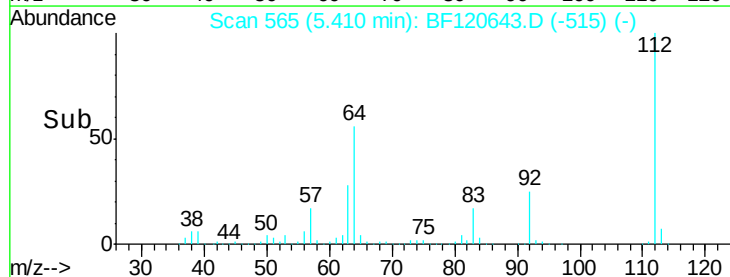
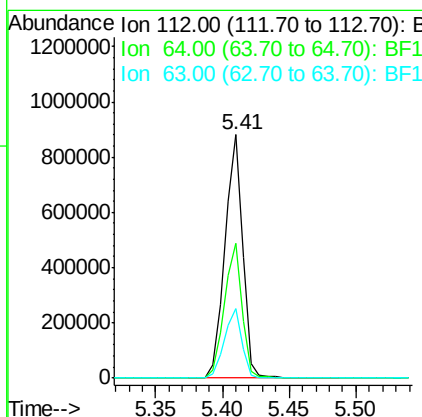
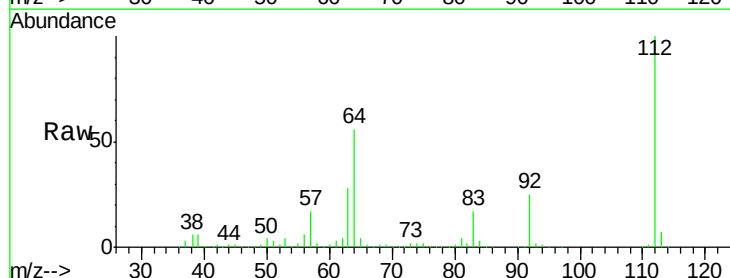
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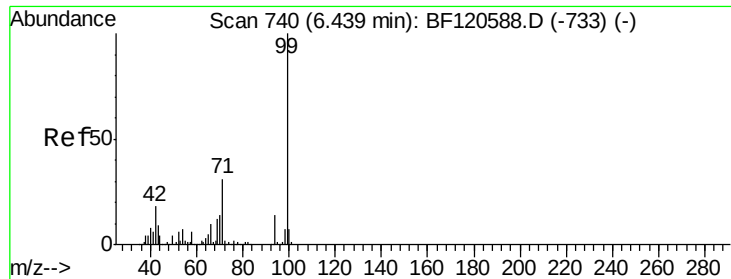


#5

2-Fluorophenol
Concen: 98.062 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF120643.D
Acq: 18 Jun 2020 15:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	46.1	69.1
63	28.4	23.7	35.5





#7

Phenol-d6

Concen: 96.296 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120643.D

Acq: 18 Jun 2020 15:46

Instrument :

BNA_F

ClientSampled :

SU-04-061720

Tot Ion: 99 Resp: 1019474

Ion Ratio Lower Upper

99 100

42 17.7 14.0 21.0

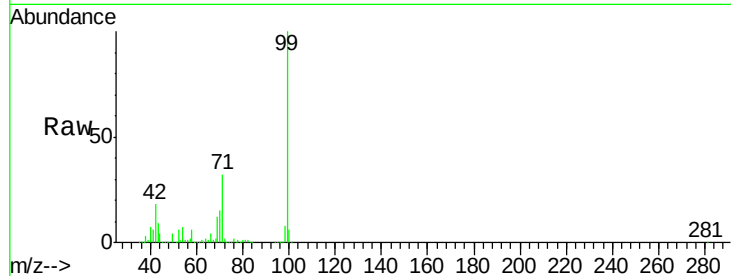
71 32.0 24.9 37.3

Manual Integrations

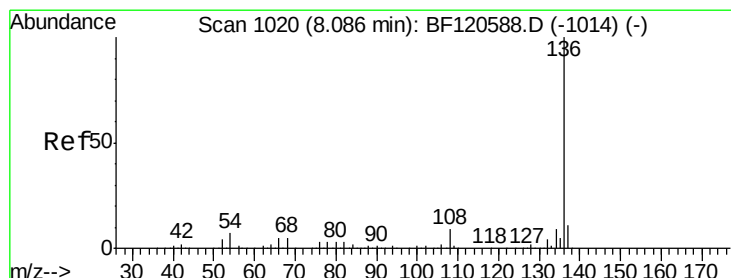
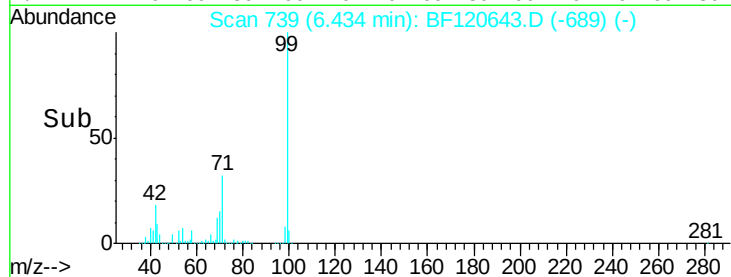
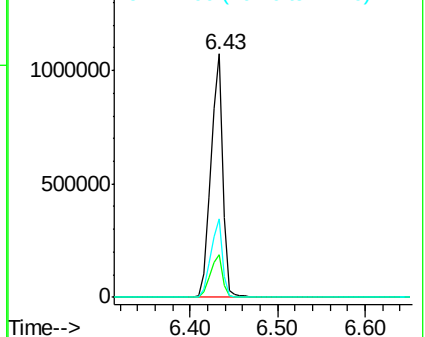
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF120643.D

Acq: 18 Jun 2020 15:46

Tgt Ion: 136 Resp: 542885

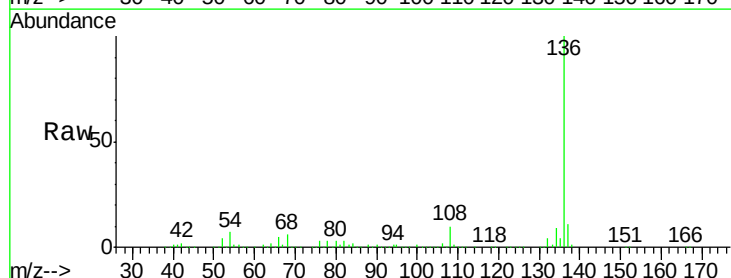
Ion Ratio Lower Upper

136 100

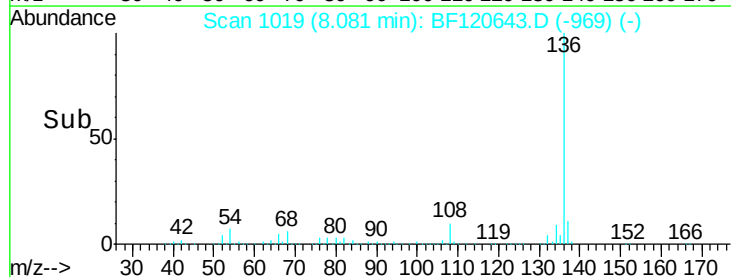
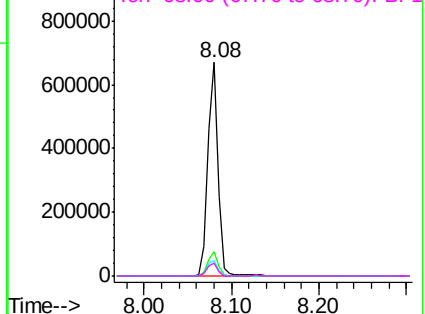
137 11.3 8.6 13.0

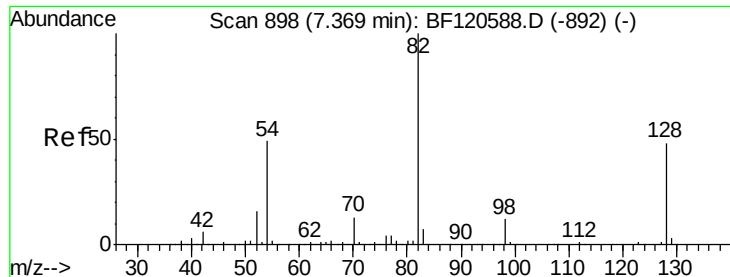
54 7.2 5.8 8.6

68 5.9 4.4 6.6



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





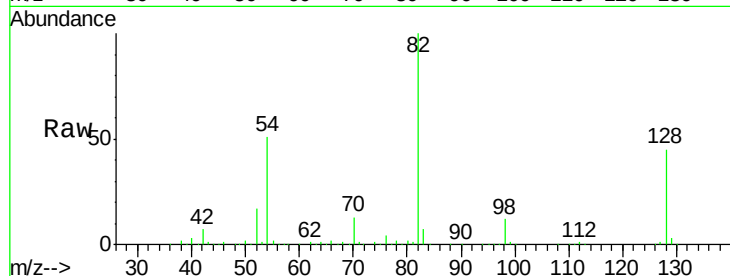
#23
Nitrobenzene-d5
Concen: 68.651 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF120643.D
Acq: 18 Jun 2020 15:46

Instrument :
BNA_F
ClientSampleId :
SU-04-061720

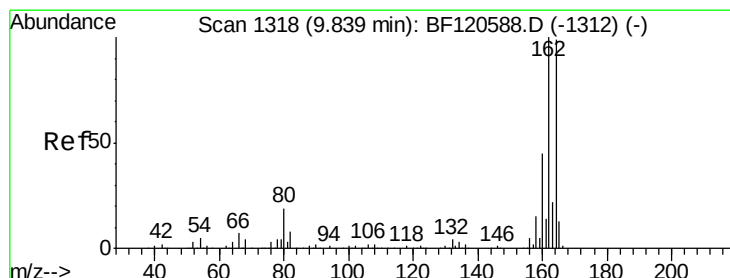
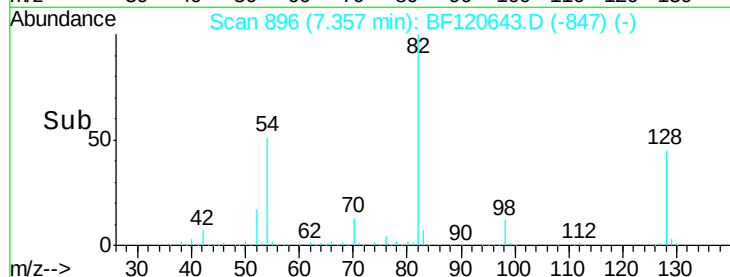
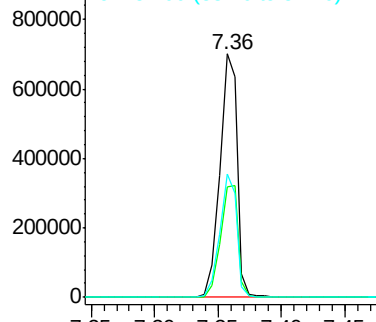
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.5	38.0	57.0	
54	50.8	38.8	58.2	

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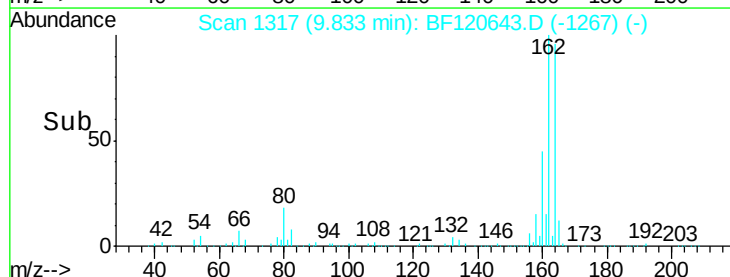
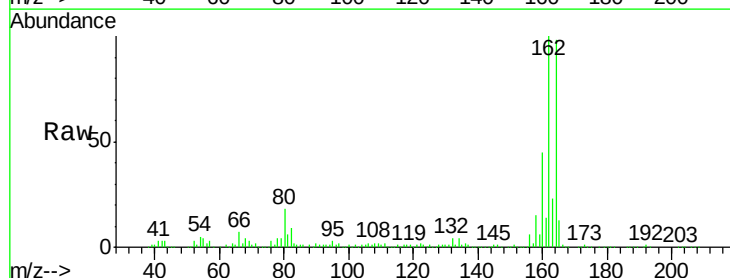
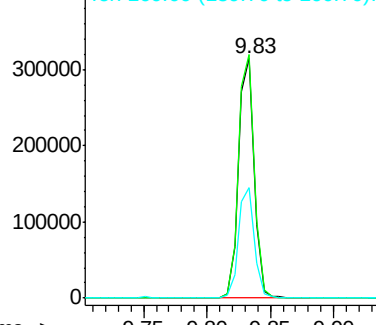
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

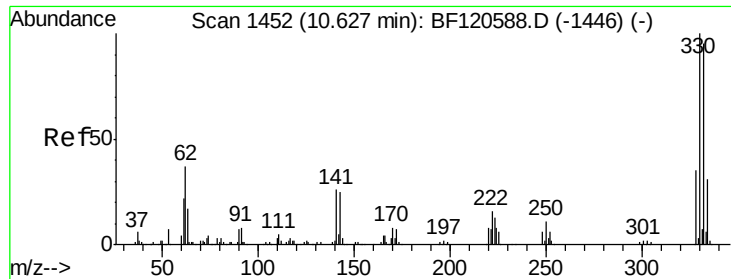


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120643.D
Acq: 18 Jun 2020 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.8	80.6	120.8	
160	46.2	36.2	54.2	

Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





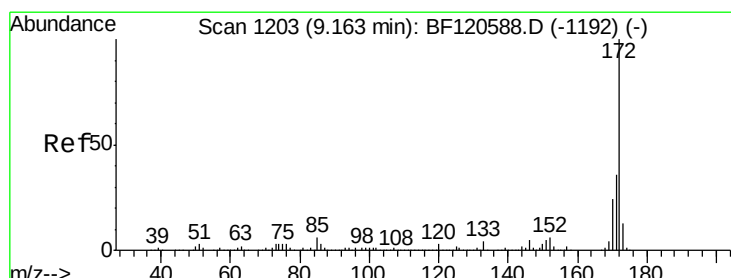
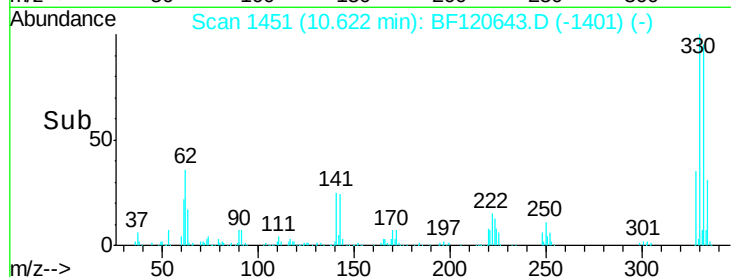
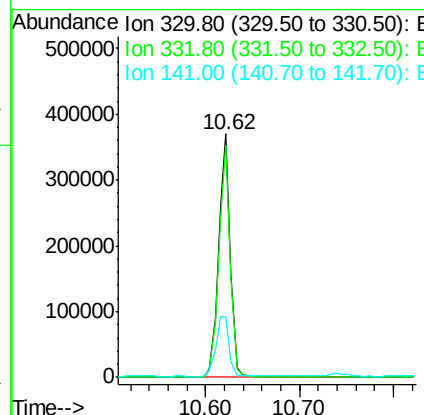
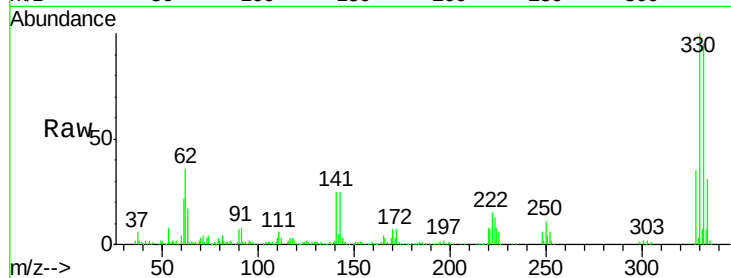
#42
 2,4,6-Tribromophenol
 Concen: 102.369 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF120643.D
 Acq: 18 Jun 2020 15:46

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-061720

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	76.8	115.2
141	28.1	23.2	34.8

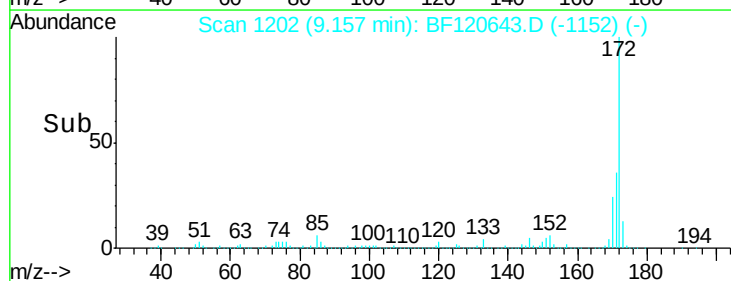
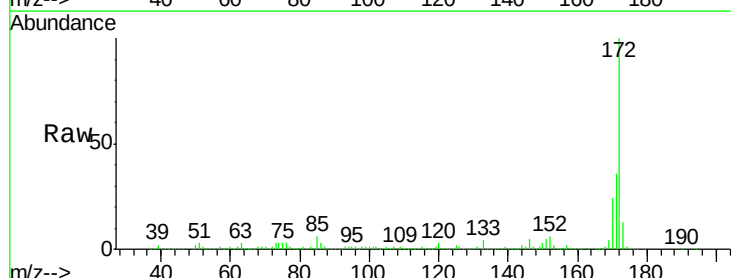
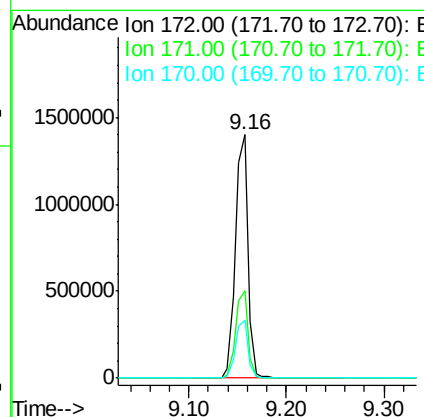
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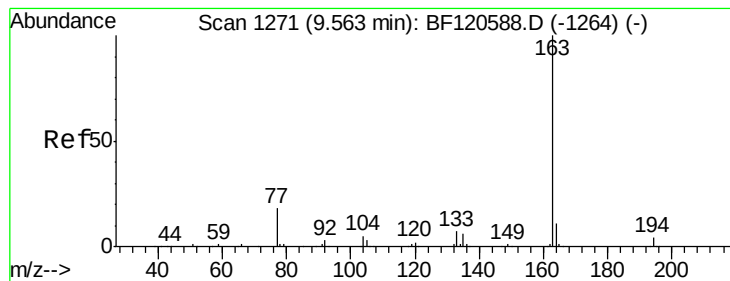
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#45
 2-Fluorobiphenyl
 Concen: 70.639 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120643.D
 Acq: 18 Jun 2020 15:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	24.1	19.4	29.2





#50

Dimethylphthalate

Concen: 6.181 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF120643.D

Acq: 18 Jun 2020 15:46

Instrument :

BNA_F

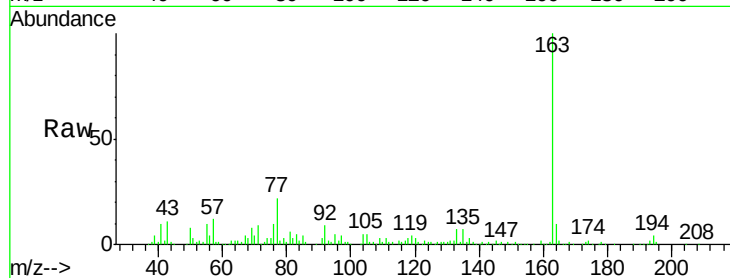
ClientSampleId :

SU-04-061720

Tot Ion:	163	Resp:	121109
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.1	4.7
164	10.1	8.5	12.7

Manual Integrations
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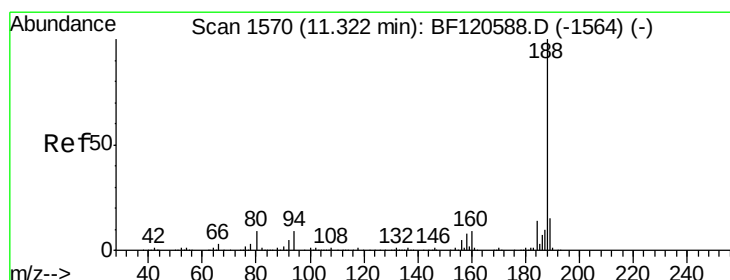
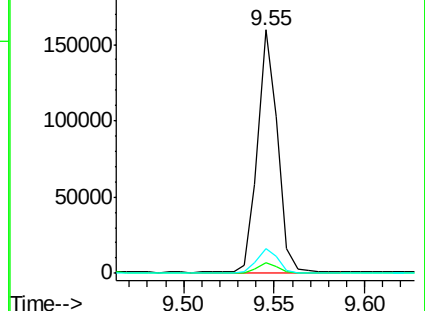
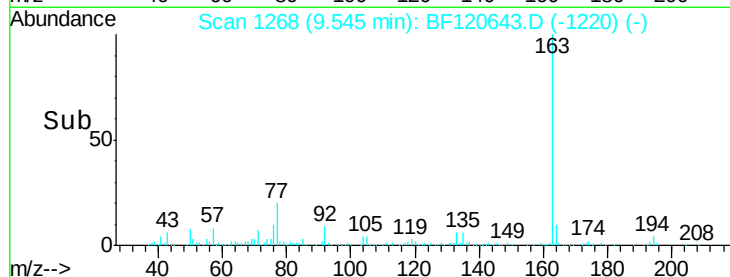
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Abundance Ion 163.00 (162.70 to 163.70): E

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

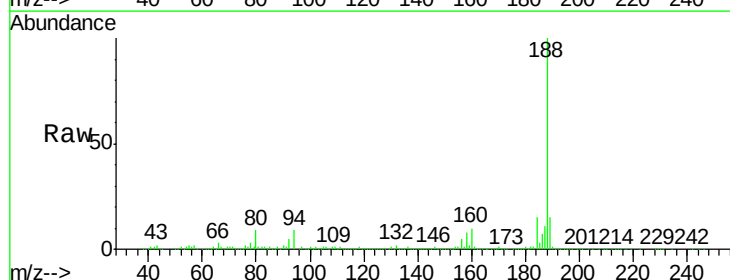
RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF120643.D

Acq: 18 Jun 2020 15:46

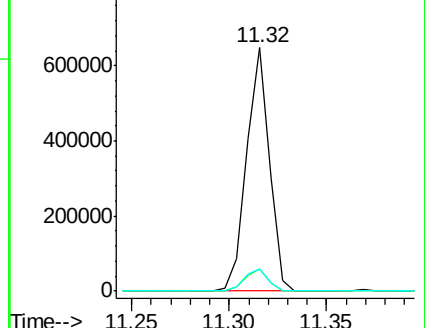
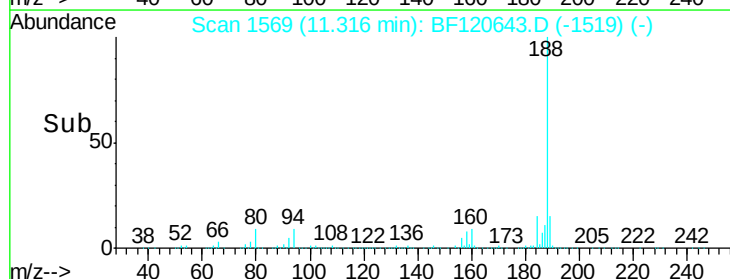
Tgt Ion:	188	Resp:	525015
Ion Ratio	Lower	Upper	
188	100		
94	8.9	7.2	10.8
80	9.2	7.4	11.2

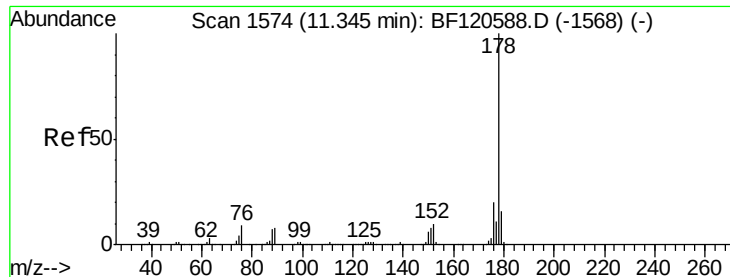


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 2.798 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF120643.D

Acq: 18 Jun 2020 15:46

Instrument :

BNA_F

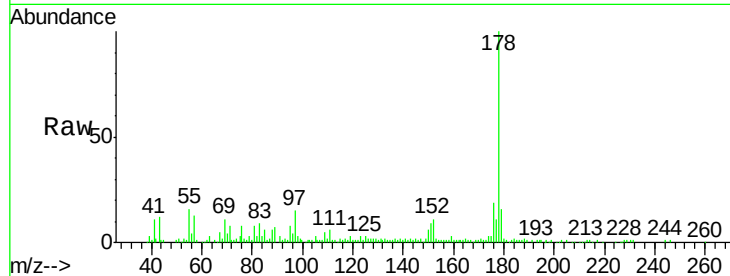
ClientSampleId :

SU-04-061720

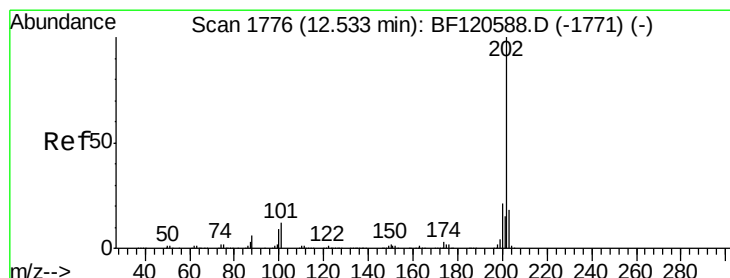
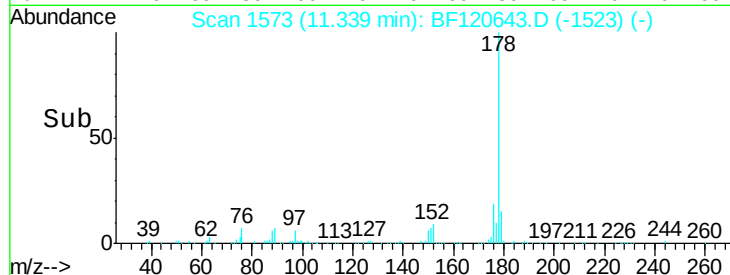
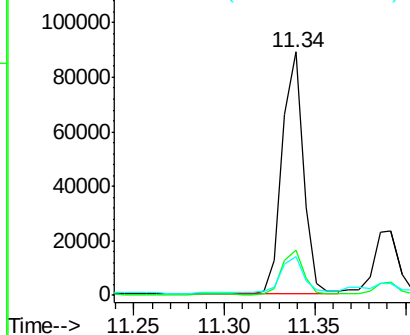
Tot Ion:	178	Resp:	73014
Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.9	23.9
179	15.9	12.8	19.2

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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: 6.238 ng

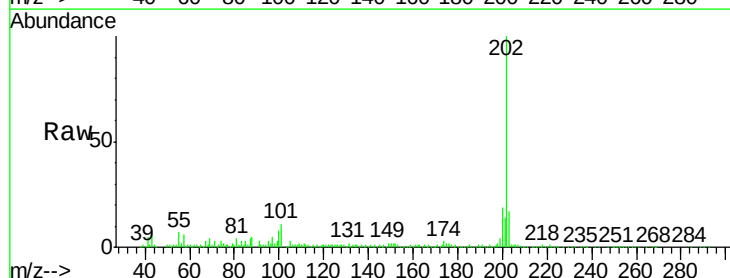
RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

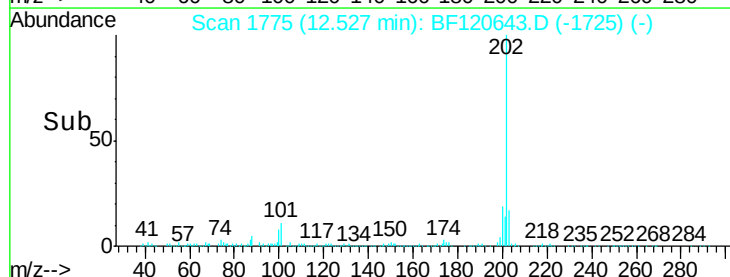
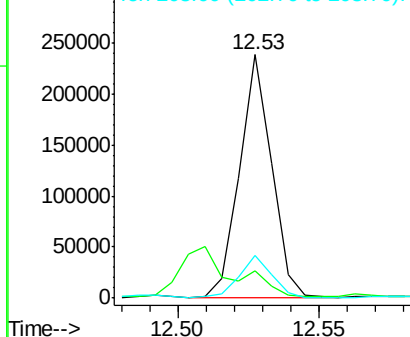
Lab File: BF120643.D

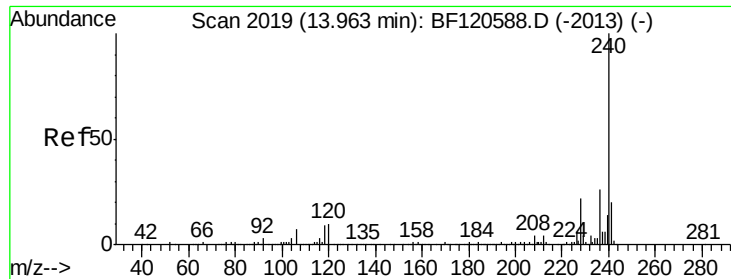
Acq: 18 Jun 2020 15:46

Tgt Ion:	202	Resp:	186134
Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	32.0
203	17.3	0.0	38.3



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





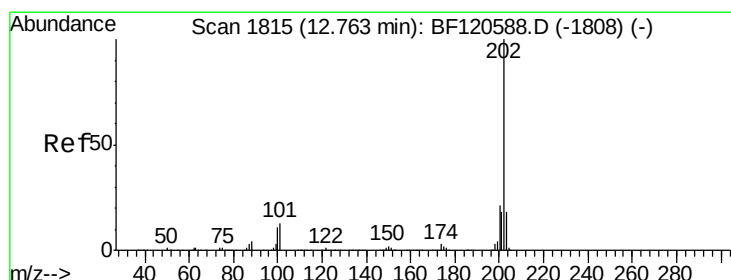
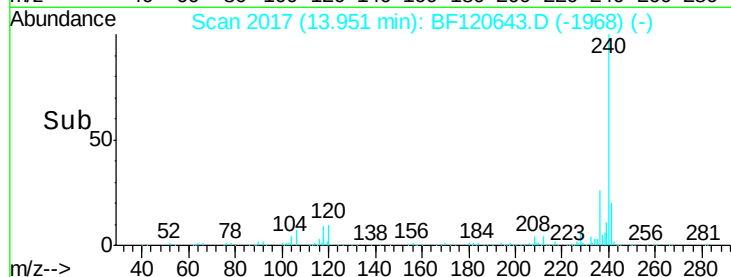
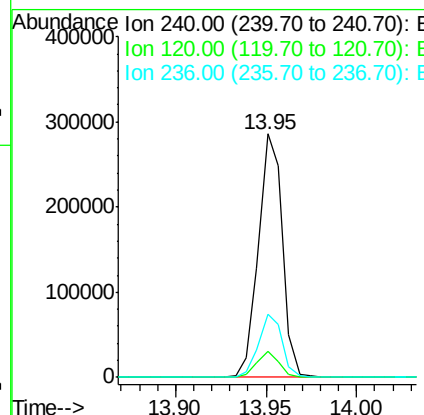
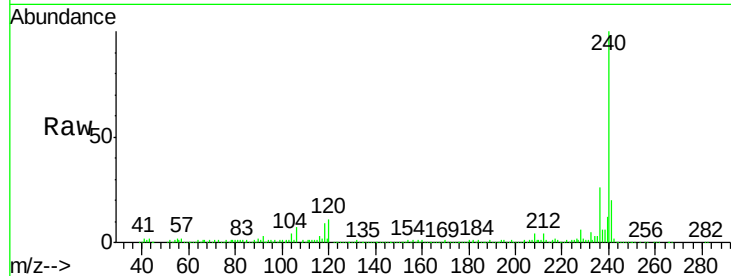
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF120643.D
Acq: 18 Jun 2020 15:46

Instrument :
BNA_F
ClientSampleId :
SU-04-061720

Tot Ion	Ratio	Resp	Lower	Upper
240	100	263844		
120	10.7		8.3	12.5
236	25.7		21.0	31.4

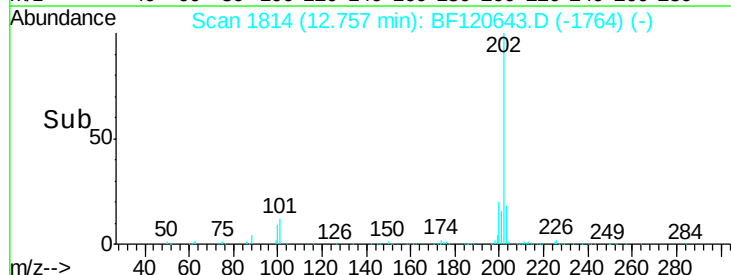
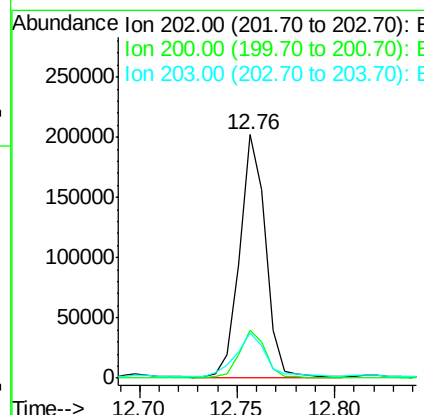
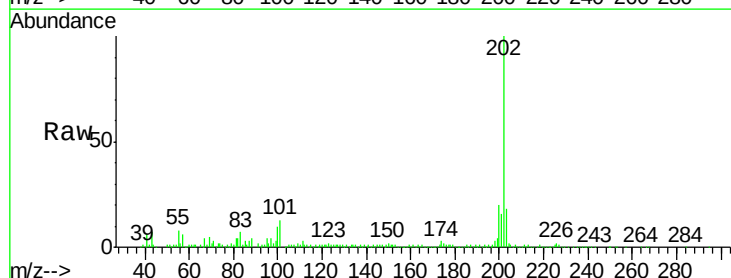
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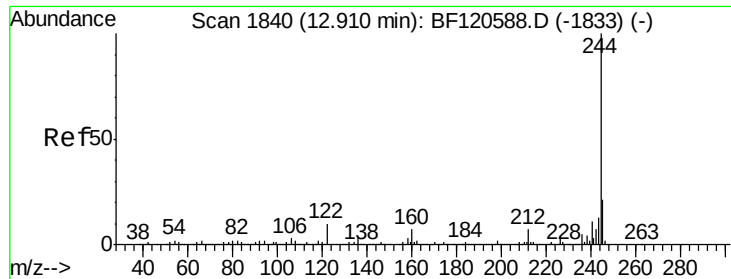
mohammad
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#78
Pyrene
Concen: 9.886 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF120643.D
Acq: 18 Jun 2020 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	184788		
200	19.9		16.8	25.2
203	18.4		14.3	21.5





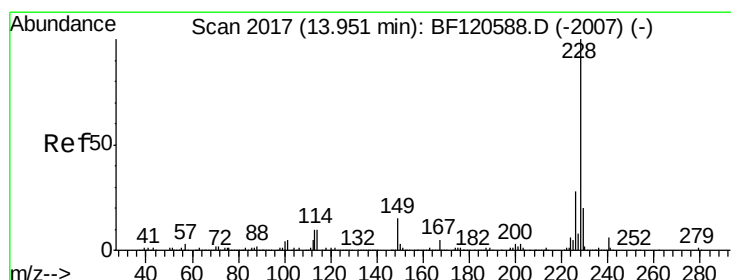
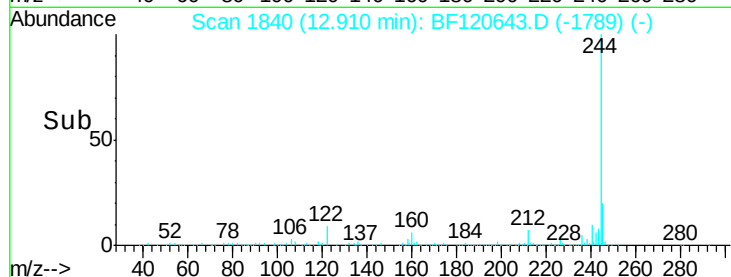
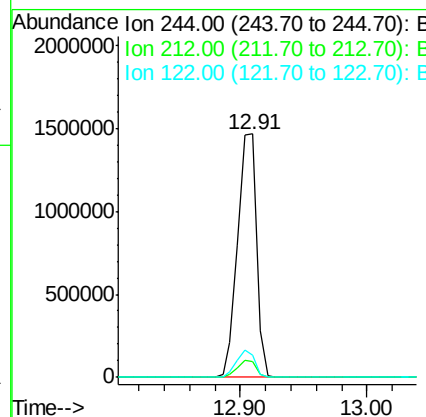
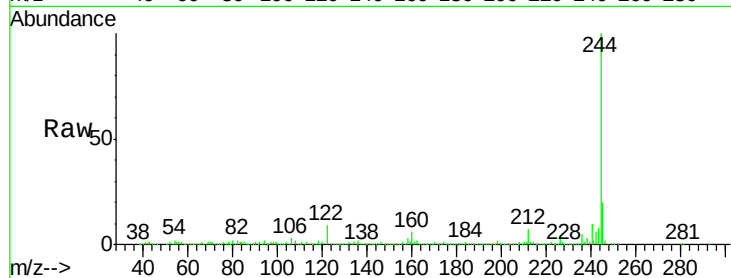
#79
 Terphenyl-d14
 Concen: 126.002 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF120643.D
 Acq: 18 Jun 2020 15:46

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-061720

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	9.3	8.3	12.5

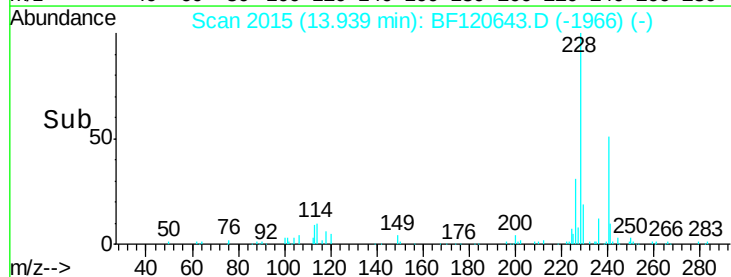
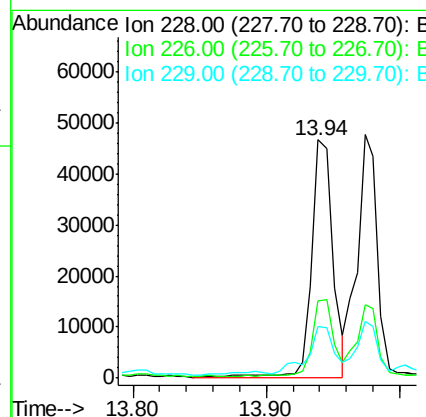
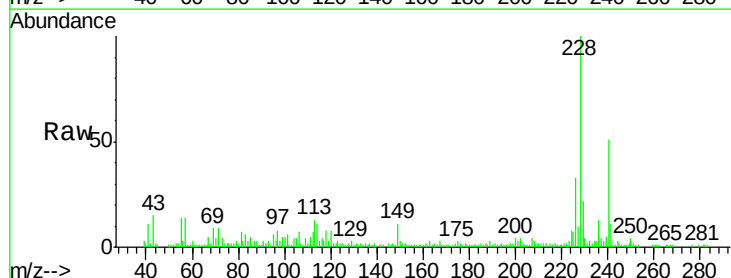
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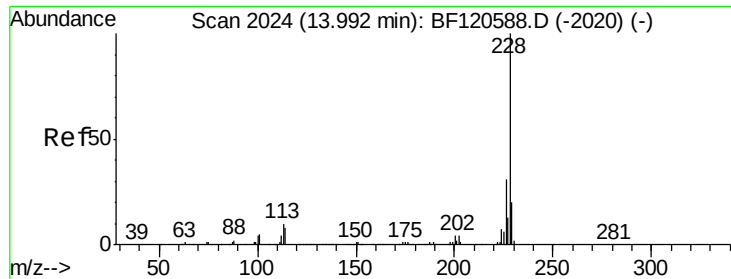
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#81
 Benzo(a)anthracene
 Concen: 3.246 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF120643.D
 Acq: 18 Jun 2020 15:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.7	22.5	33.7
229	21.5	16.1	24.1





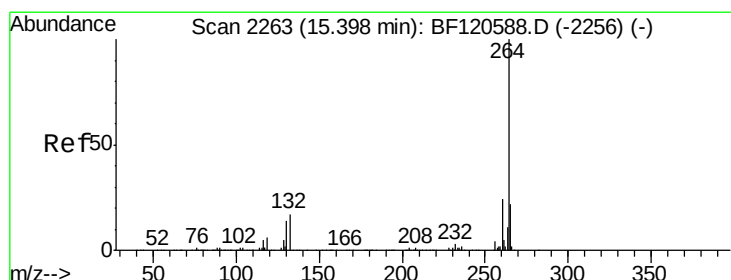
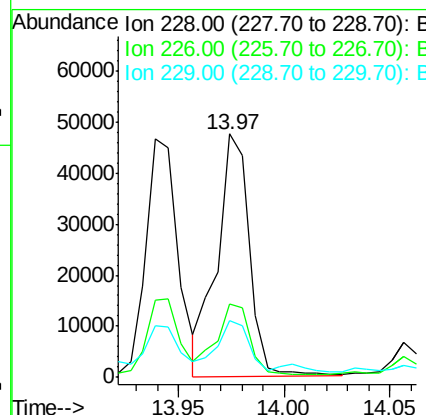
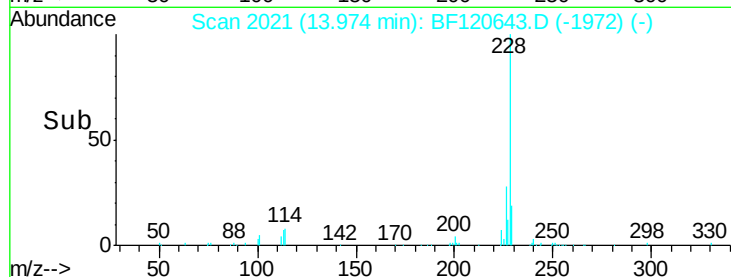
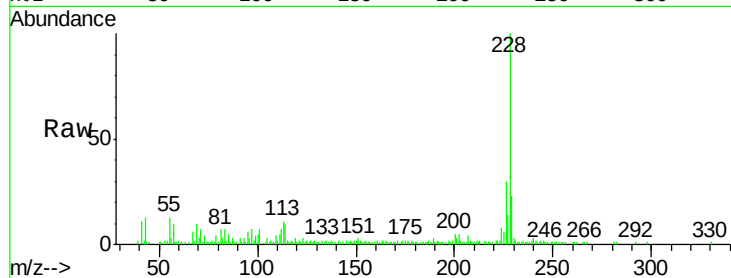
#83
Chrysene
Concen: 3.112 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF120643.D
Acq: 18 Jun 2020 15:46

Instrument :
BNA_F
ClientSampleId :
SU-04-061720

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	23.3	16.1	24.1

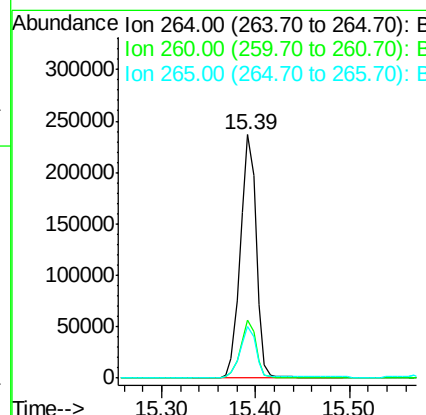
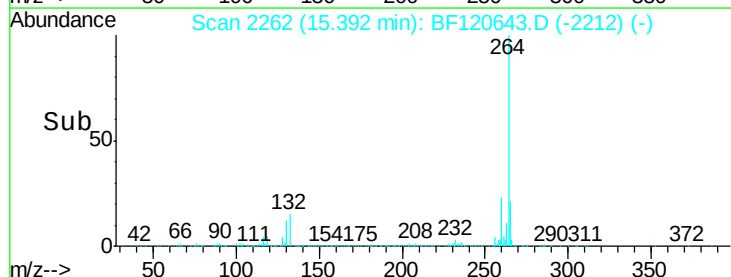
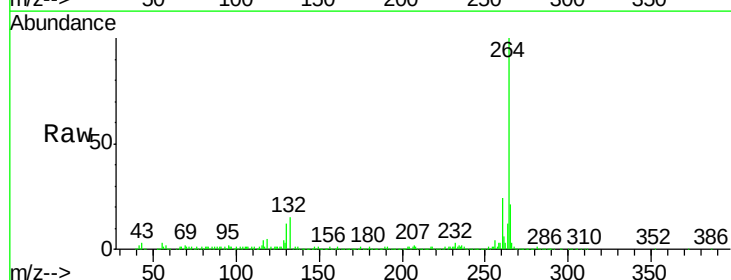
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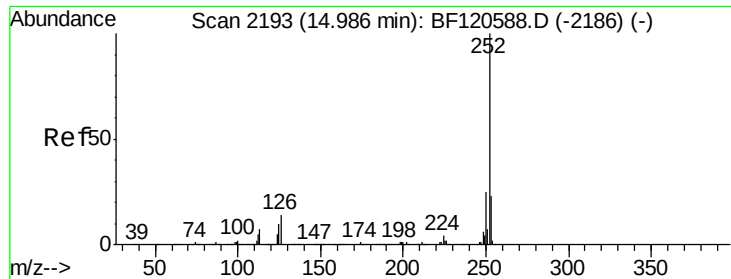
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF120643.D
Acq: 18 Jun 2020 15:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	21.3	17.8	26.8





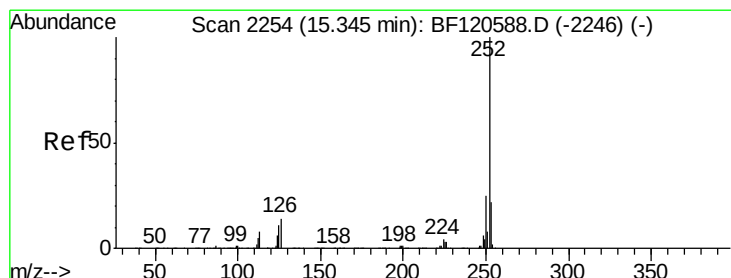
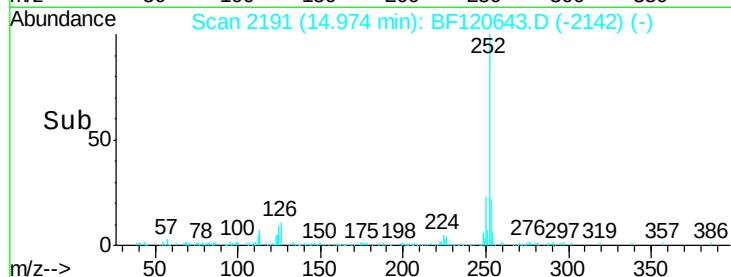
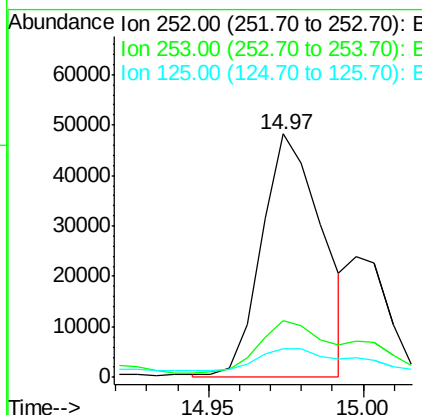
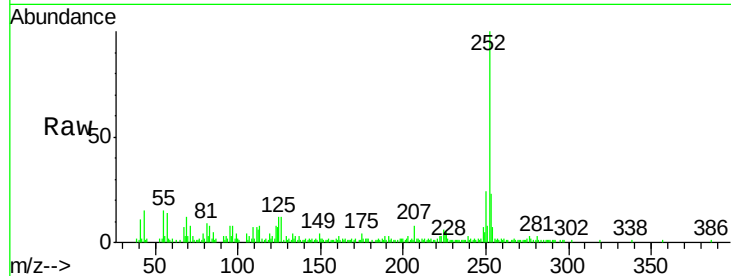
#88
Benzo(b)fluoranthene
Concen: 3.981 ng
RT: 14.97 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF120643.D
Acq: 18 Jun 2020 15:46

Instrument :
BNA_F
ClientSampleId :
SU-04-061720

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	11.6	8.3	12.5

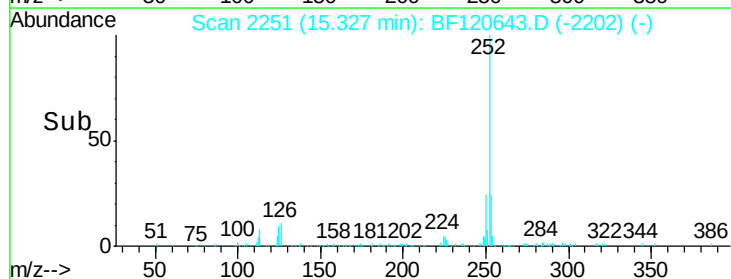
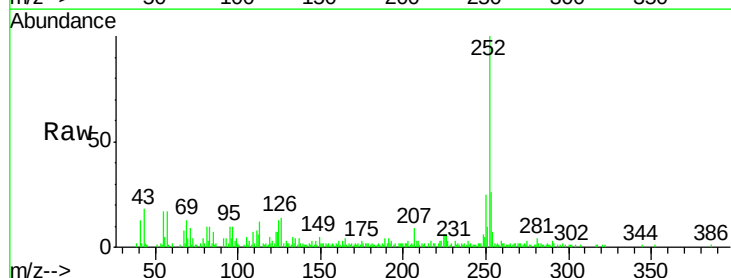
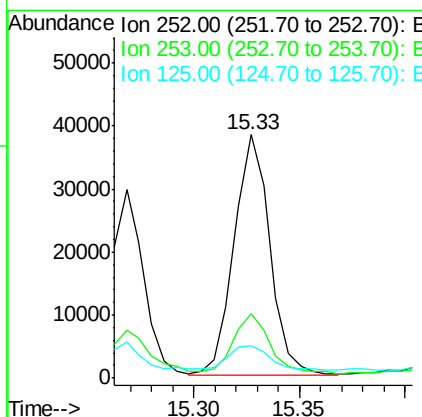
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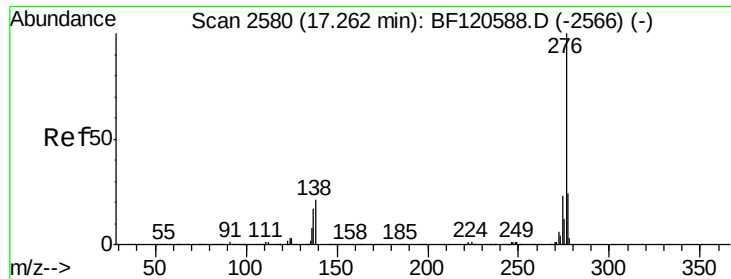
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#90
Benzo(a)pyrene
Concen: 3.003 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF120643.D
Acq: 18 Jun 2020 15:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.8	26.8
125	13.4	8.6	12.8





#92
 Benzo(a,h,i)perylene
 Concen: 2.542 ng
 RT: 17.23 min Scan# 2575
 Delta R.T. -0.02 min
 Lab File: BF120643.D
 Acq: 18 Jun 2020 15:46

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-061720

Tot Ion:	276	Resp:	34612
Ion Ratio	Lower	Upper	
276	100		
277	25.4	19.6	29.4
138	21.3	16.5	24.7

Manual Integrations
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