

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
 Data File : BF120305.D
 Acq On : 14 May 2020 21:56
 Operator : MA/SJ
 Sample : L2638-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-WZ2-C-1

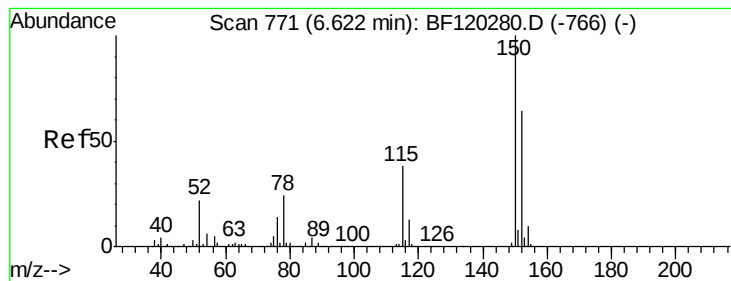
Manual Integrations
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Quant Time: May 15 07:23:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 12:47:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	291176	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1118883	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	524388	20.00	ng	0.00
64) Phenanthrene-d10	11.14	188	875467	20.00	ng	0.00
76) Chrysene-d12	13.78	240	505250	20.00	ng	0.00
87) Perylene-d12	15.17	264	514723	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1997506	133.48	ng	0.00
7) Phenol-d6	6.27	99	2634013	139.18	ng	0.00
23) Nitrobenzene-d5	7.19	82	1598971	97.84	ng	0.00
42) 2,4,6-Tribromophenol	10.45	330	524298	122.63	ng	0.00
45) 2-Fluorobiphenyl	8.99	172	2747271	107.63	ng	0.00
79) Terphenyl-d14	12.73	244	2150754	94.04	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.38	163	634215	19.132	ng	99
71) Phenanthrene	11.16	178	352736	9.589	ng	98
75) Fluoranthene	12.35	202	512196	12.990	ng	98
78) Pyrene	12.58	202	487684	13.539	ng	98
81) Benzo(a)anthracene	13.77	228	198054	7.432	ng	97
83) Chrysene	13.80	228	192017	6.710	ng	97
86) Indeno(1,2,3-cd)pyrene	16.50	276	109001	4.197	ng	95
88) Benzo(b)fluoranthene	14.79	252	216364m	7.697	ng	
89) Benzo(k)fluoranthene	14.80	252	94408m	3.876	ng	
90) Benzo(a)pyrene	15.12	252	177003	7.021	ng	98
92) Benzo(g,h,i)perylene	16.90	276	105820	4.699	ng	97

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



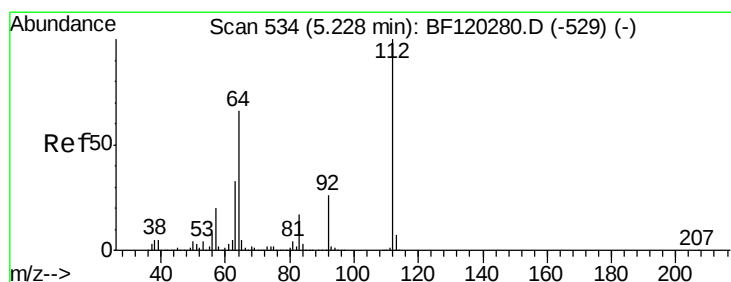
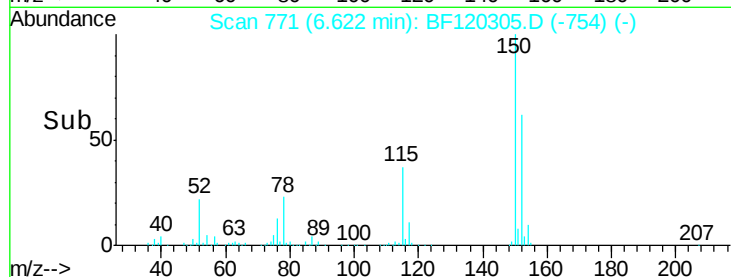
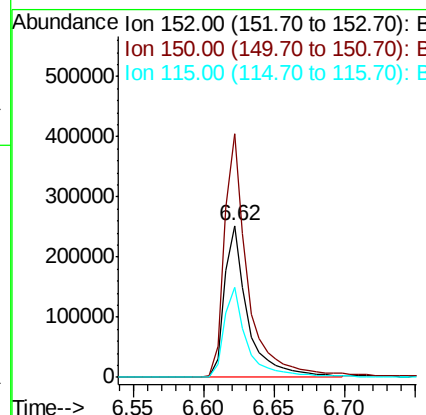
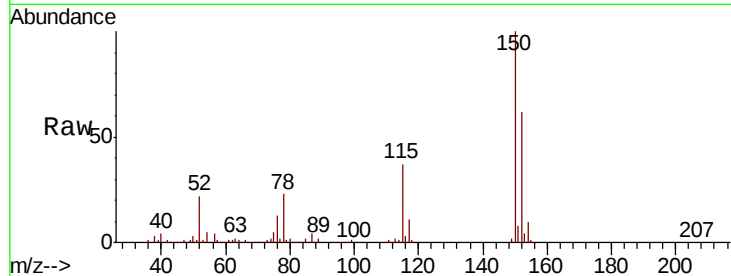
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.62 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BF120305.D
 Acq: 14 May 2020 21:56

Instrument :
 BNA_F
 ClientSampleId :
 SUP-WZ2-C-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	126.2	189.2
115	59.2	47.9	71.9

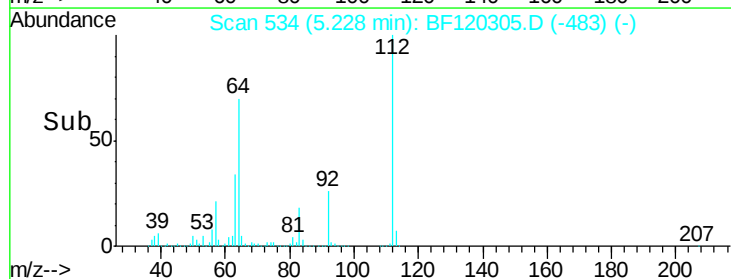
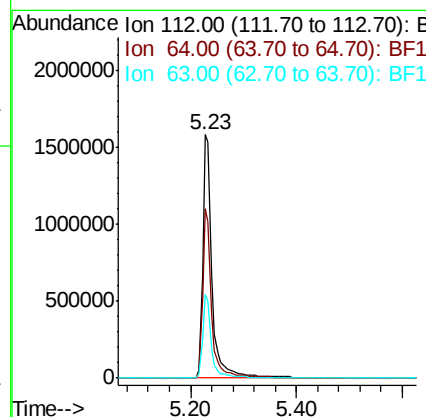
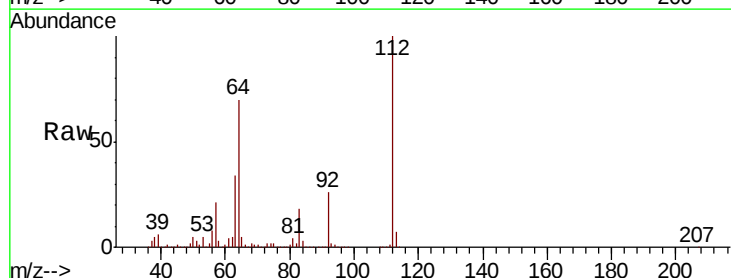
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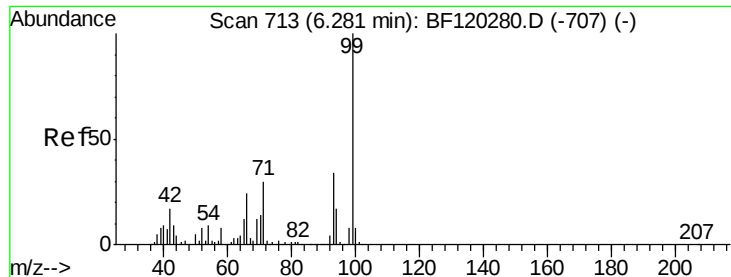
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#5
 2-Fluorophenol
 Concen: 133.478 ng
 RT: 5.23 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: BF120305.D
 Acq: 14 May 2020 21:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.5	52.7	79.1
63	34.2	26.2	39.4





#7

Phenol-d6

Concen: 139.184 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF120305.D

Acq: 14 May 2020 21:56

Instrument :

BNA_F

ClientSampleId :

SUP-WZ2-C-1

Tot Ion: 99 Resp: 2634013

Ion Ratio Lower Upper

99 100

42 17.7 13.6 20.4

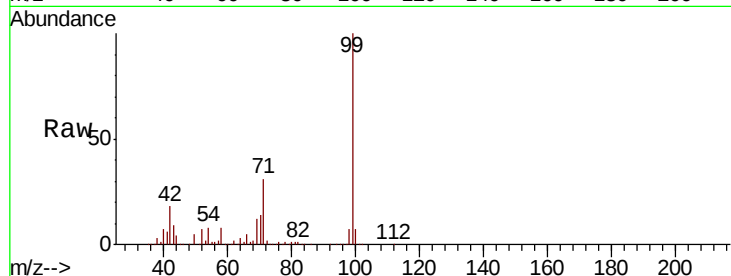
71 31.3 24.2 36.4

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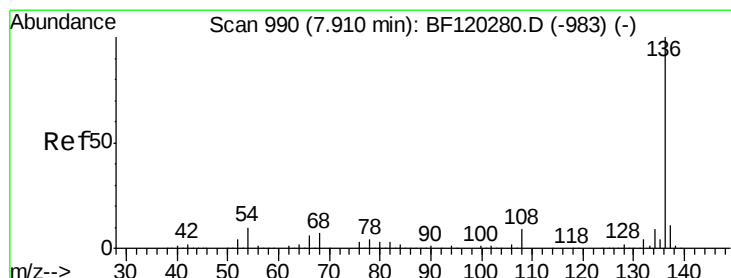
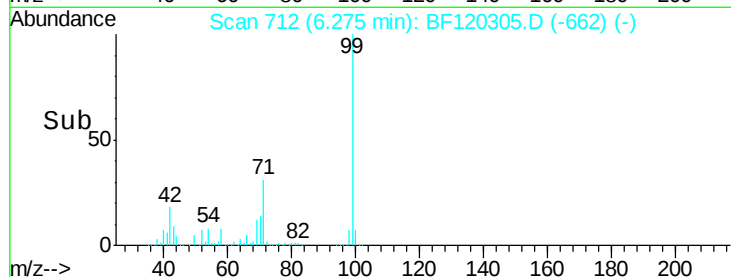
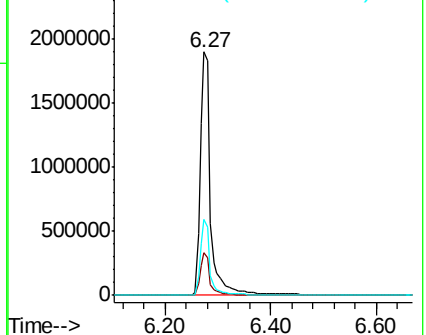
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF120305.D

Acq: 14 May 2020 21:56

Tgt Ion: 136 Resp: 1118883

Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 10.8 7.9 11.9

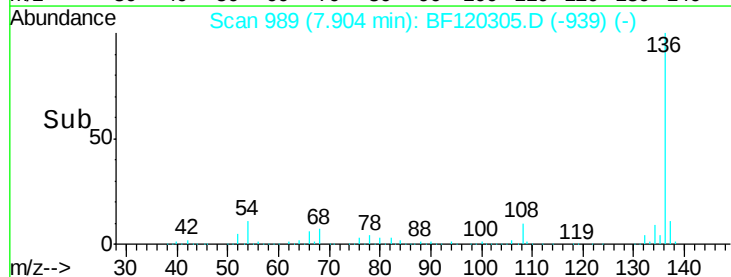
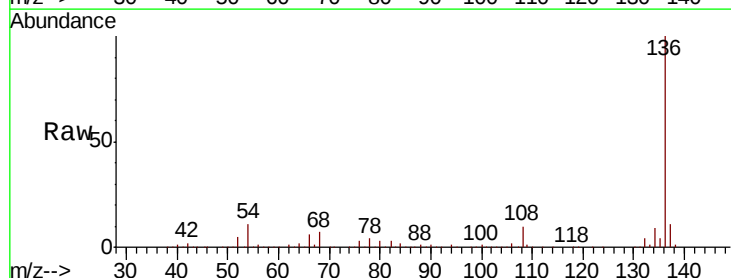
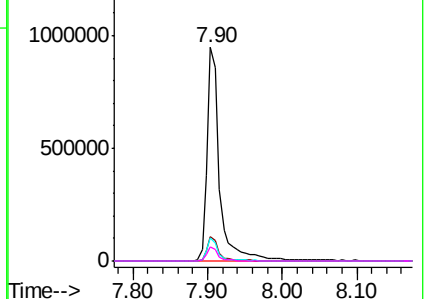
68 6.9 5.4 8.2

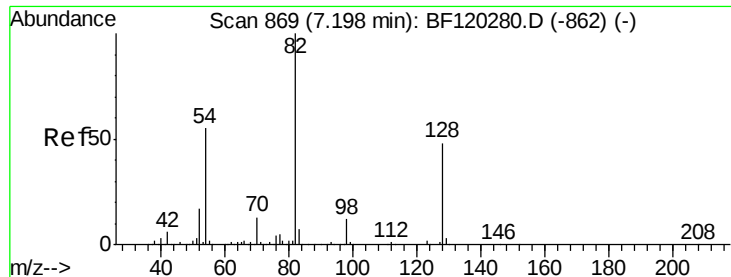
Abundance Ion 136.00 (135.70 to 136.70): E

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





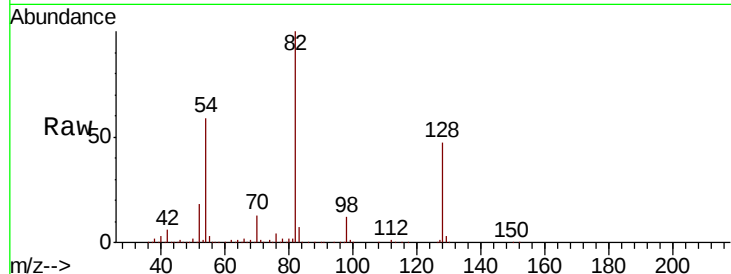
#23
Nitrobenzene-d5
Concen: 97.844 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF120305.D
Acq: 14 May 2020 21:56

Instrument :
BNA_F
ClientSampleId :
SUP-WZ2-C-1

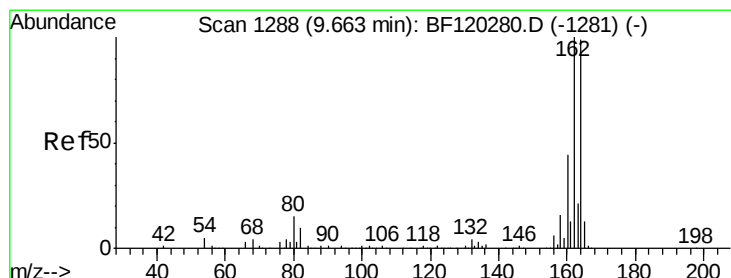
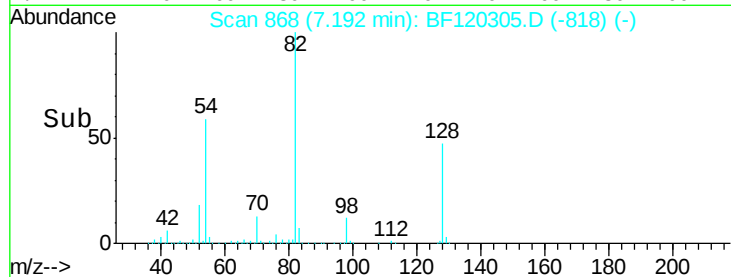
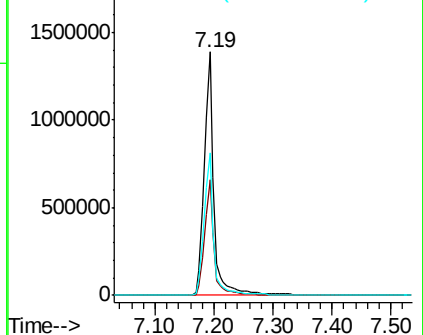
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.4	38.3	57.5
54	58.7	43.9	65.9

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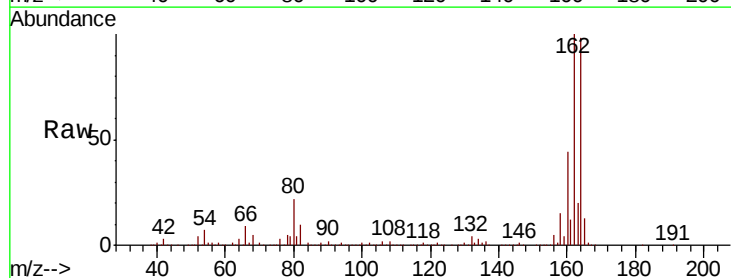


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

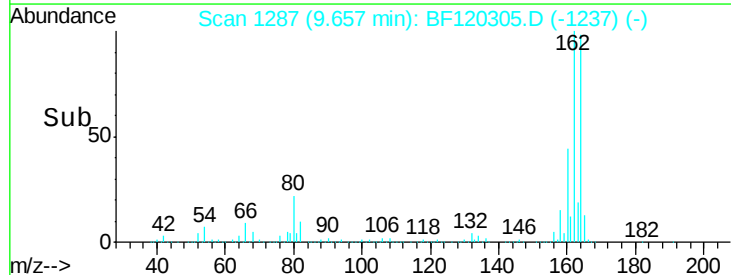
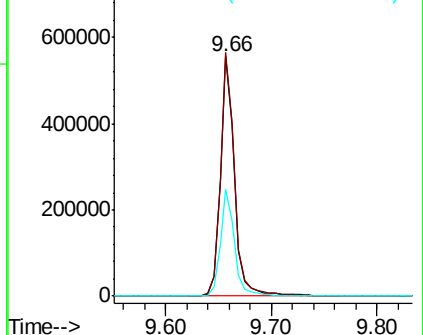


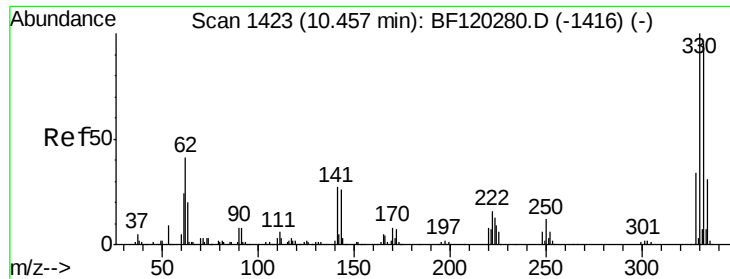
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF120305.D
Acq: 14 May 2020 21:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.2	121.8
160	44.6	35.8	53.6



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: 122.626 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF120305.D

Acq: 14 May 2020 21:56

Instrument :

BNA_F

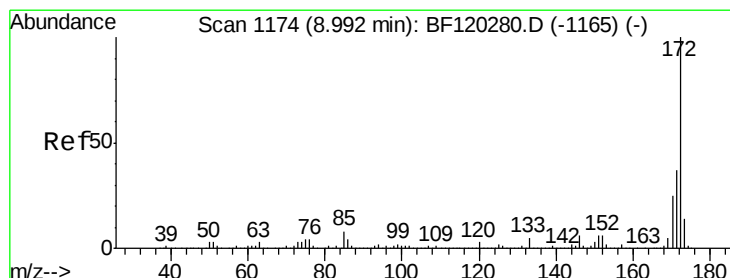
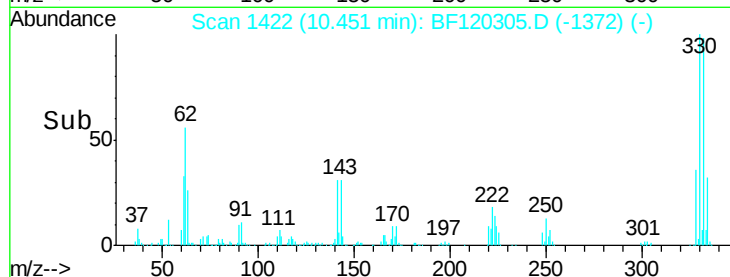
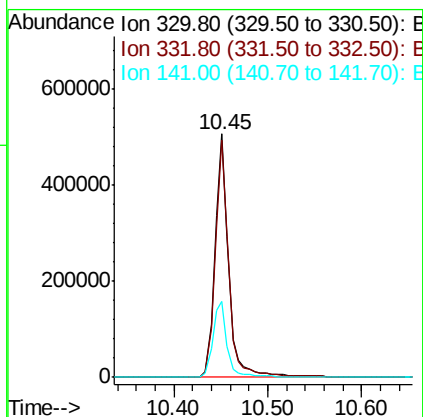
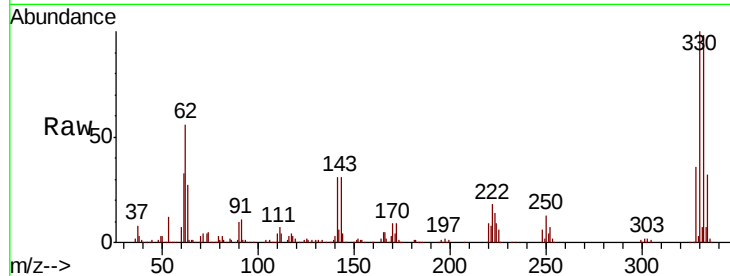
ClientSampleId :

SUP-WZ2-C-1

Tot Ion:	330	Resp:	524298
Ion Ratio	Lower	Upper	
330	100		
332	97.2	76.5	114.7
141	33.5	25.4	38.0

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#45

2-Fluorobiphenyl

Concen: 107.634 ng

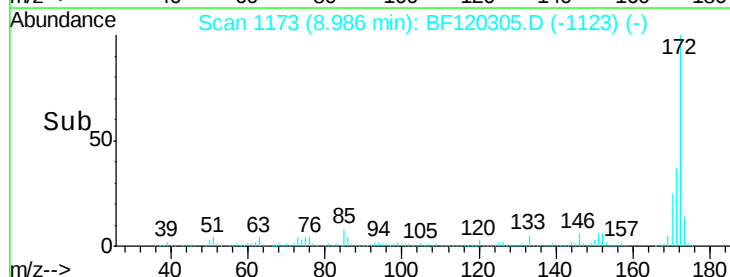
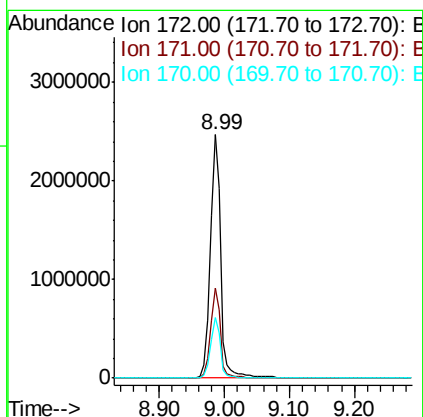
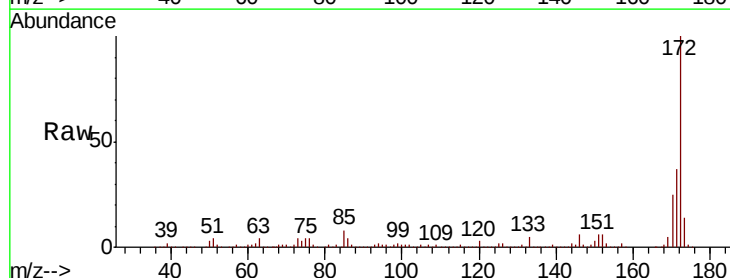
RT: 8.99 min Scan# 1173

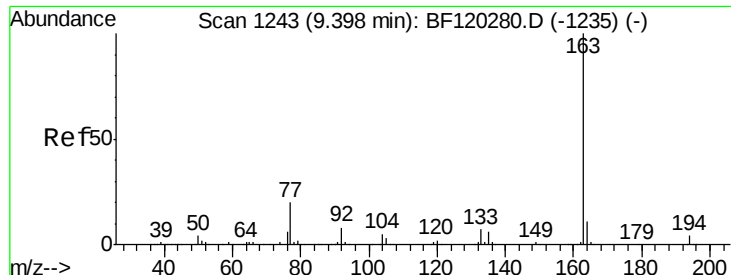
Delta R.T. -0.01 min

Lab File: BF120305.D

Acq: 14 May 2020 21:56

Tgt Ion:	172	Resp:	2747271
Ion Ratio	Lower	Upper	
172	100		
171	37.2	29.7	44.5
170	24.9	19.9	29.9





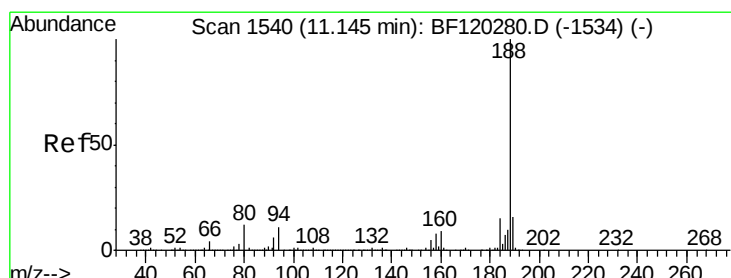
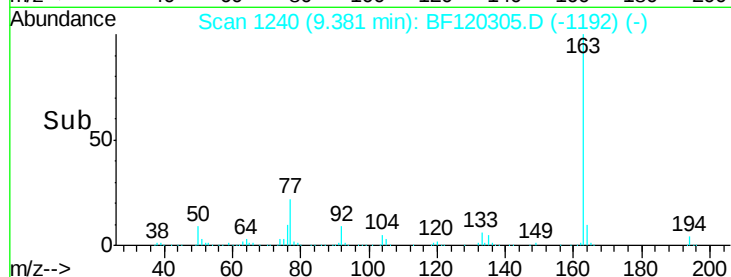
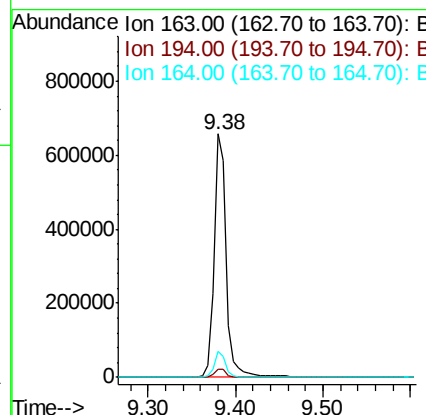
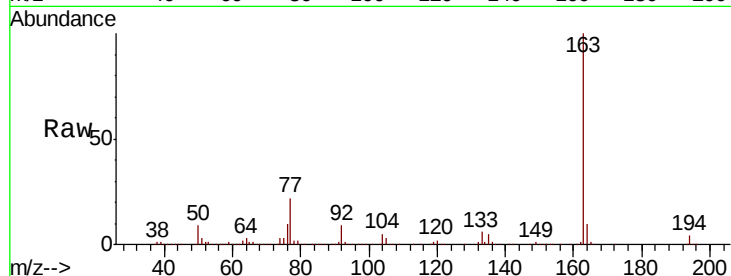
#50
Dimethylphthalate
Concen: 19.132 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.02 min
Lab File: BF120305.D
Acq: 14 May 2020 21:56

Instrument :
BNA_F
ClientSampleId :
SUP-WZ2-C-1

Tot Ion	Ratio	Resp	Lower	Upper
163	100	634215		
194	3.6		3.1	4.7
164	10.5		8.6	12.8

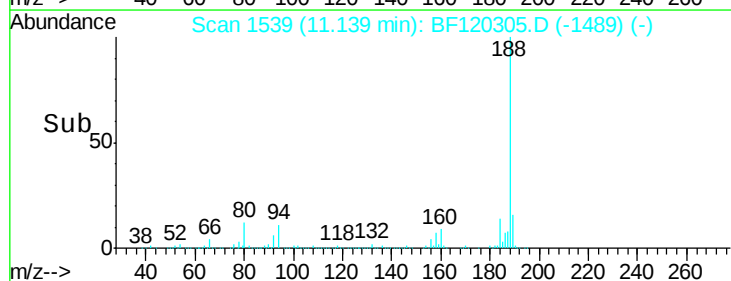
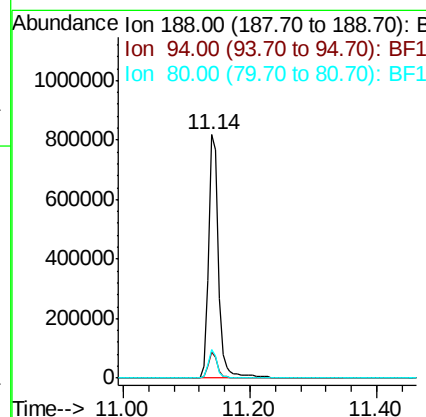
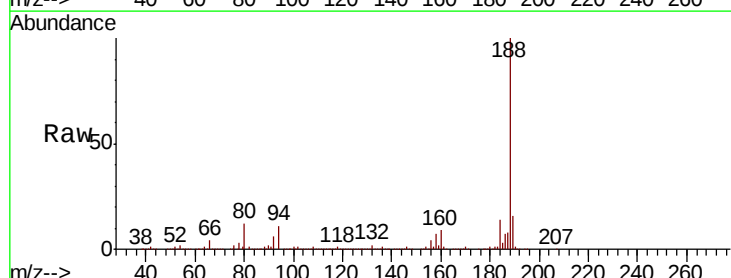
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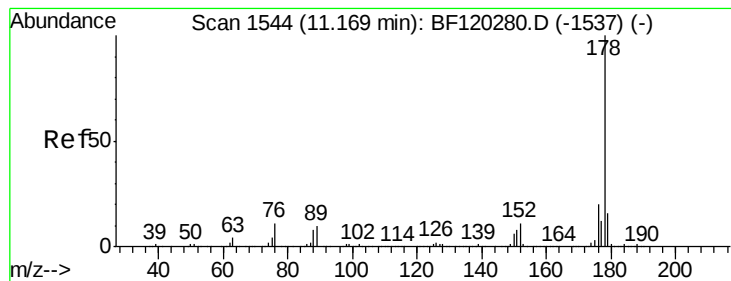
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BF120305.D
Acq: 14 May 2020 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	875467		
94	10.8		8.6	13.0
80	11.5		9.2	13.8





#71

Phenanthrene

Concen: 9.589 ng

RT: 11.16 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BF120305.D

Acq: 14 May 2020 21:56

Instrument :

BNA_F

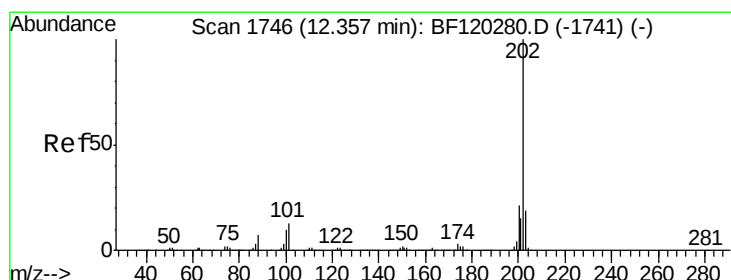
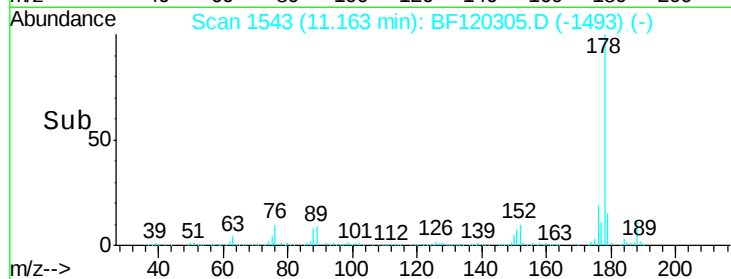
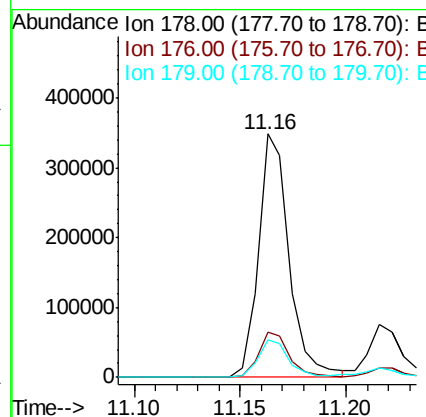
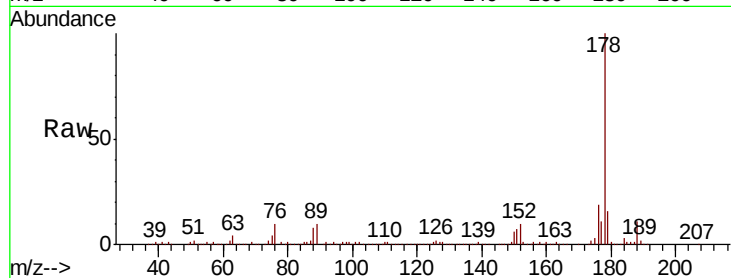
ClientSampleId :

SUP-WZ2-C-1

Tot Ion:	178	Resp:	352736
Ion Ratio	Lower	Upper	
178	100		
176	18.6	15.8	23.8
179	15.6	12.8	19.2

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#75

Fluoranthene

Concen: 12.990 ng

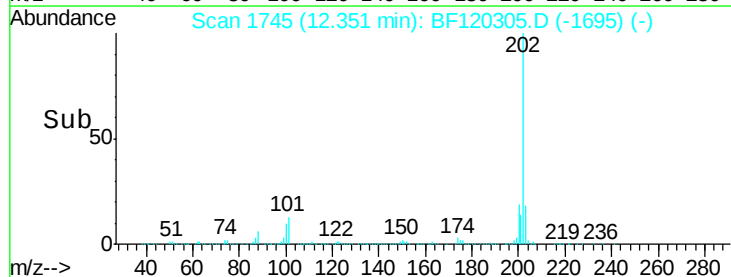
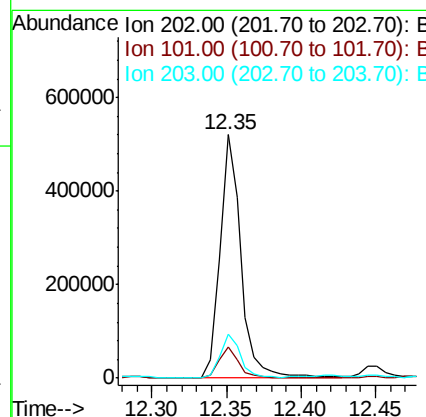
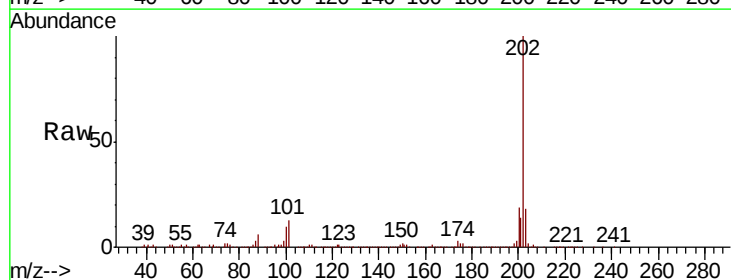
RT: 12.35 min Scan# 1745

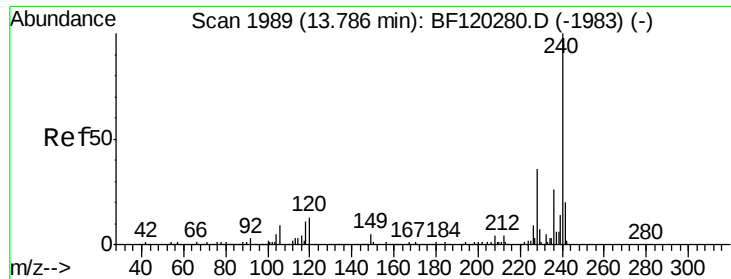
Delta R.T. -0.01 min

Lab File: BF120305.D

Acq: 14 May 2020 21:56

Tgt Ion:	202	Resp:	512196
Ion Ratio	Lower	Upper	
202	100		
101	12.7	0.0	33.2
203	17.8	0.0	39.1





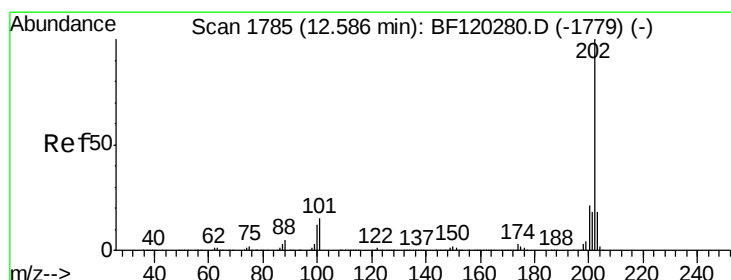
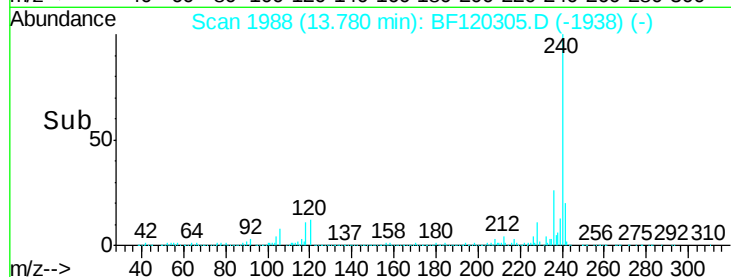
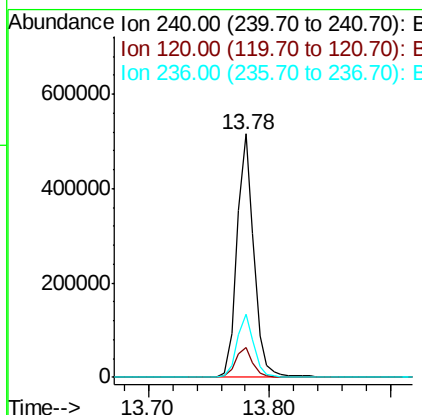
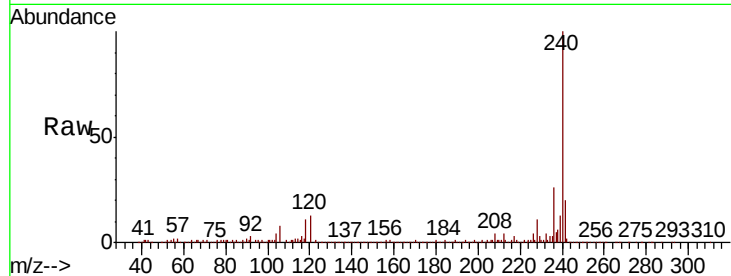
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF120305.D
Acq: 14 May 2020 21:56

Instrument :
BNA_F
ClientSampleId :
SUP-WZ2-C-1

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.5	10.4	15.6
236	25.9	21.0	31.6

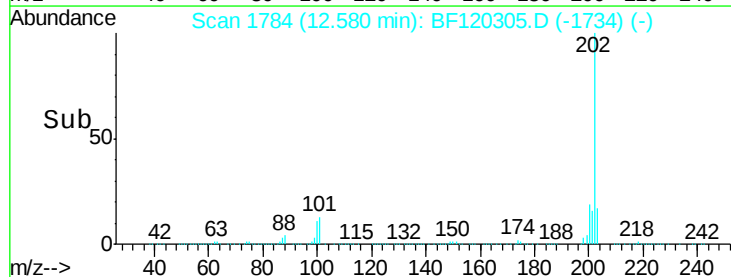
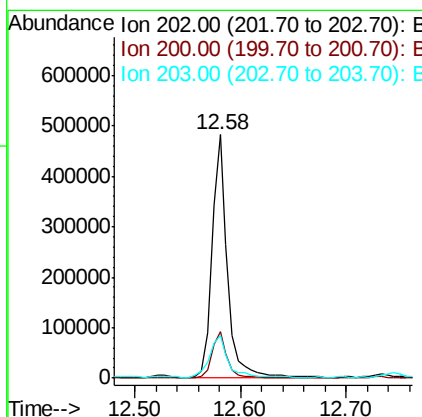
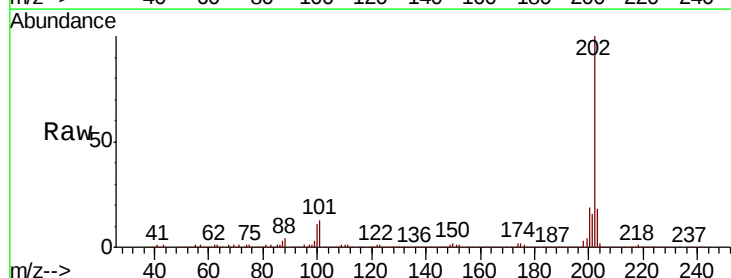
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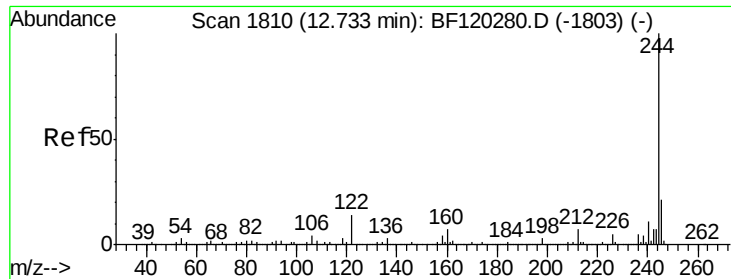
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#78
Pyrene
Concen: 13.539 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF120305.D
Acq: 14 May 2020 21:56

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.2	16.6	25.0
203	17.7	14.6	22.0





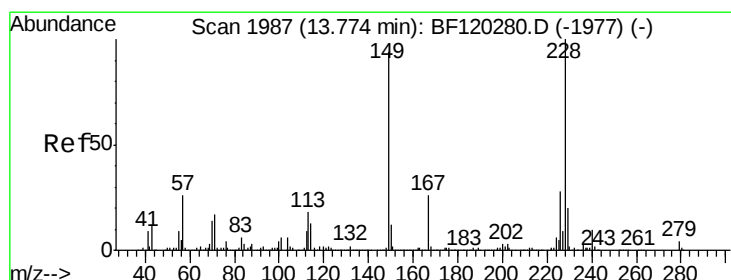
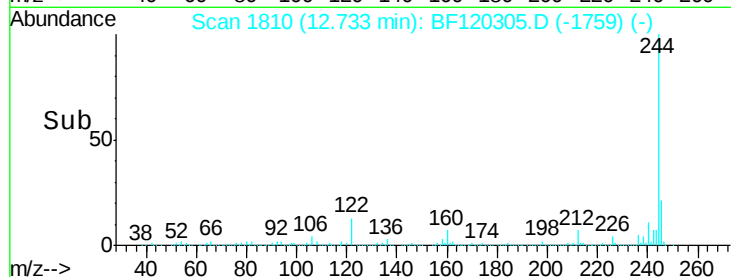
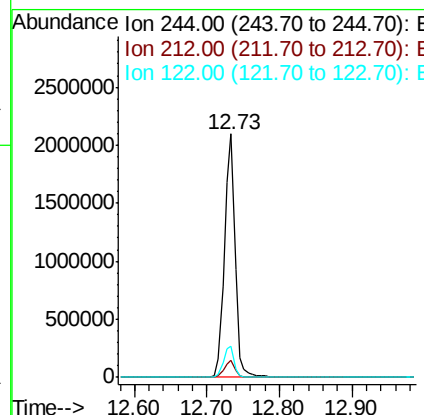
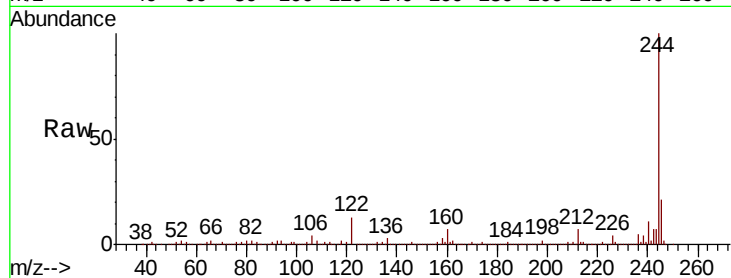
#79
 Terphenyl-d14
 Concen: 94.042 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: BF120305.D
 Acq: 14 May 2020 21:56

Instrument :
 BNA_F
 ClientSampleId :
 SUP-WZ2-C-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	13.0	10.8	16.2

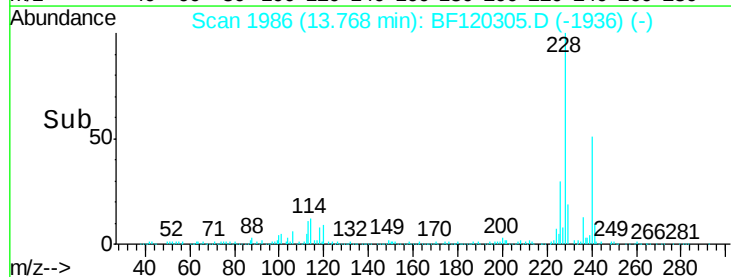
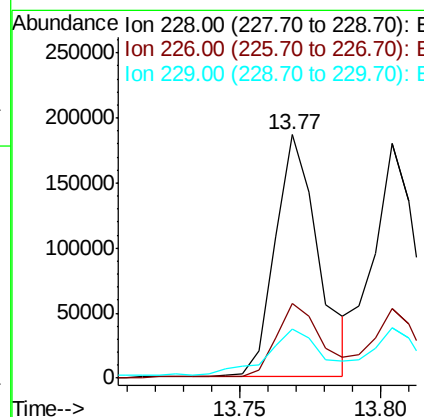
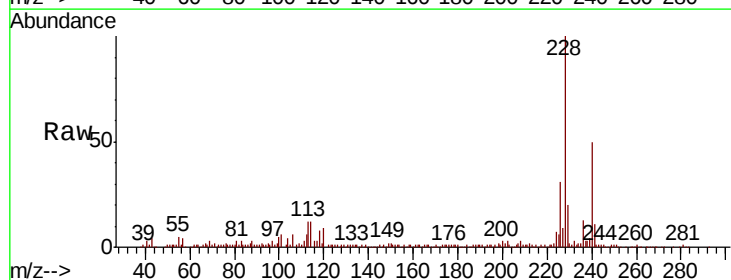
Manual Integrations
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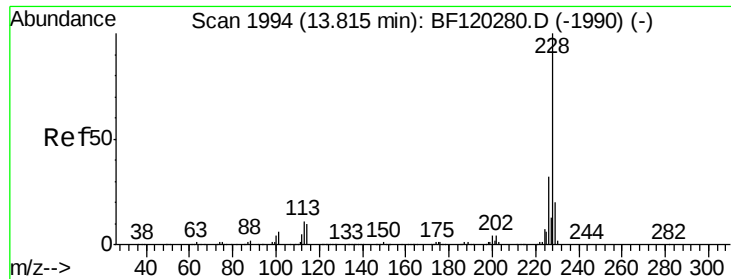
mohammad
 5/18/2020 1:32:15 PM



#81
 Benzo(a)anthracene
 Concen: 7.432 ng
 RT: 13.77 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BF120305.D
 Acq: 14 May 2020 21:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.6	33.8
229	19.9	16.4	24.6





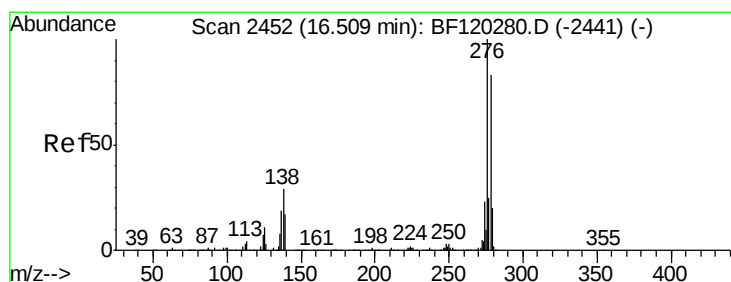
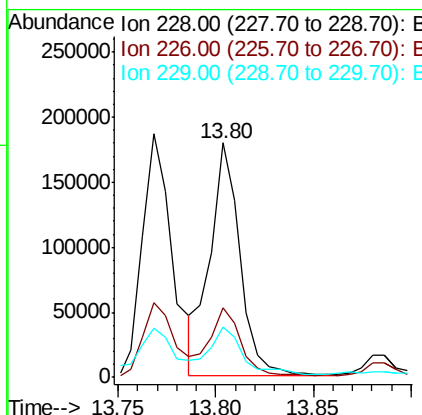
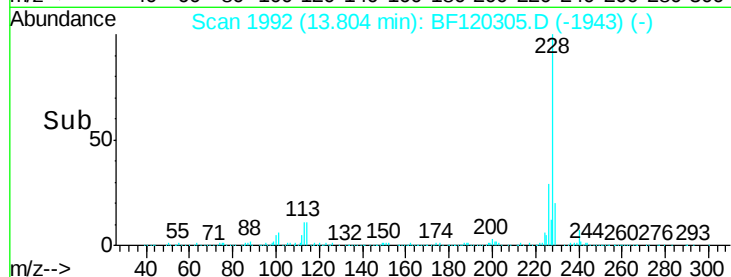
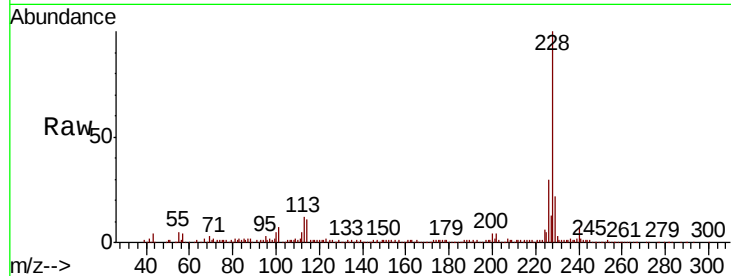
#83
Chrysene
Concen: 6.710 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF120305.D
Acq: 14 May 2020 21:56

Instrument :
BNA_F
ClientSampleId :
SUP-WZ2-C-1

Tot Ion:228	Resp:	192017
Ion Ratio	Lower	Upper
228 100		
226 29.8	25.0	37.6
229 21.7	16.2	24.4

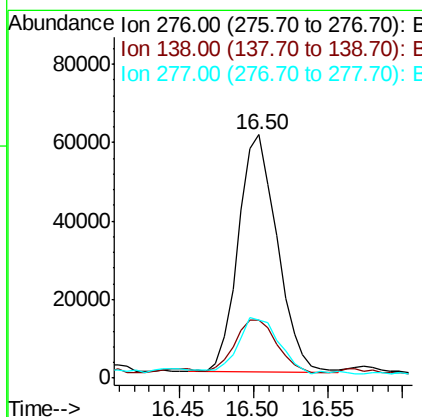
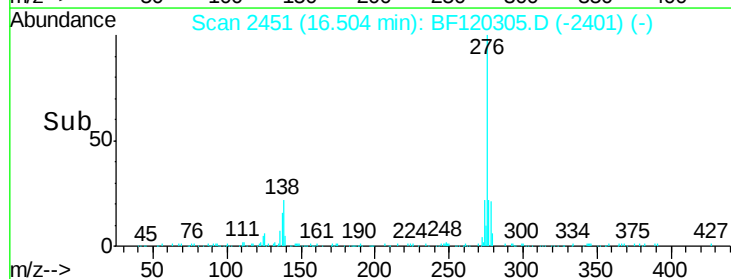
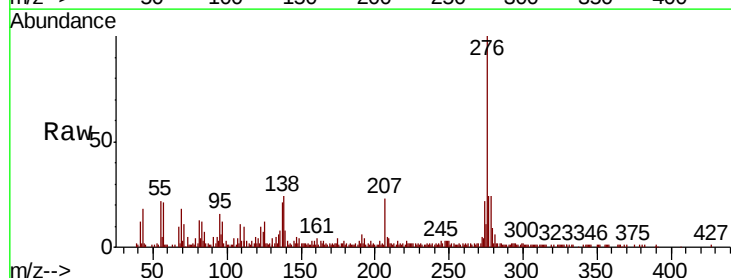
Manual Integrations
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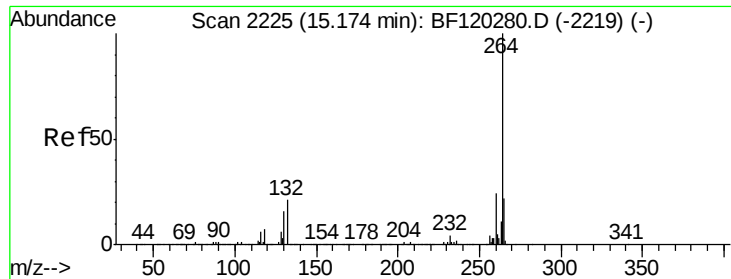
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 4.197 ng
RT: 16.50 min Scan# 2451
Delta R.T. -0.01 min
Lab File: BF120305.D
Acq: 14 May 2020 21:56

Tgt Ion:276	Resp:	109001
Ion Ratio	Lower	Upper
276 100		
138 25.1	23.3	34.9
277 24.7	20.2	30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.17 min Scan# 2225

Delta R.T. 0.00 min

Lab File: BF120305.D

Acq: 14 May 2020 21:56

Instrument :

BNA_F

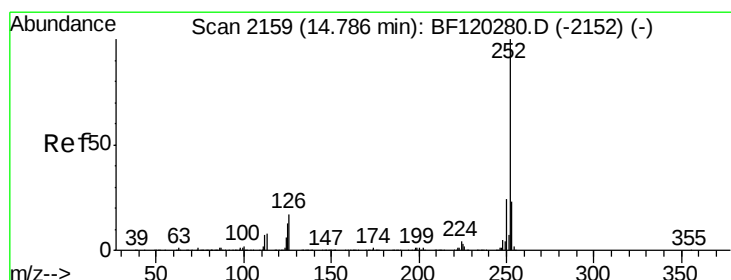
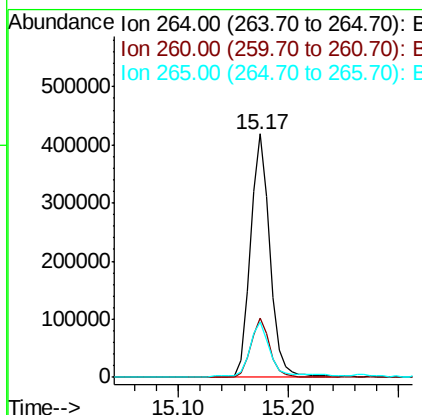
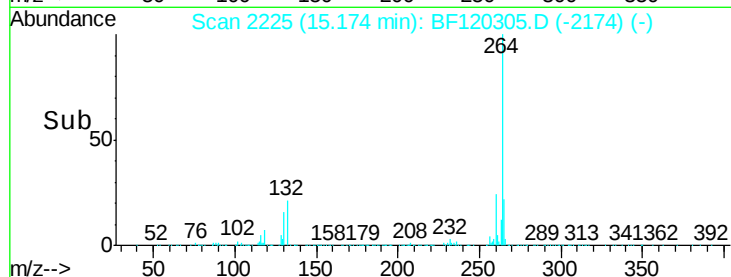
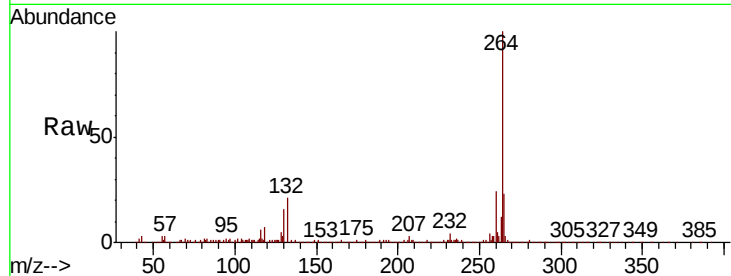
ClientSampleId :

SUP-WZ2-C-1

Tot Ion:	264	Resp:	514723
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.0	28.6
265	22.6	17.5	26.3

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#88

Benzo(b)fluoranthene

Concen: 7.697 ng m

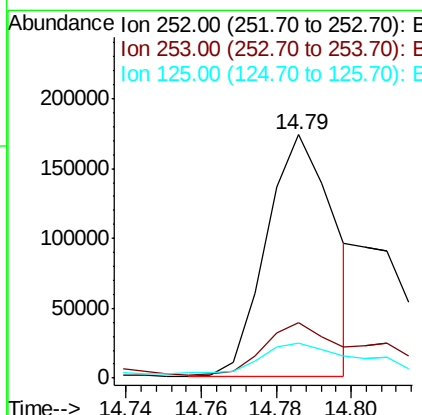
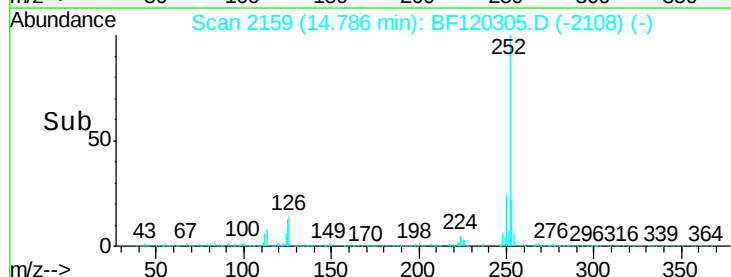
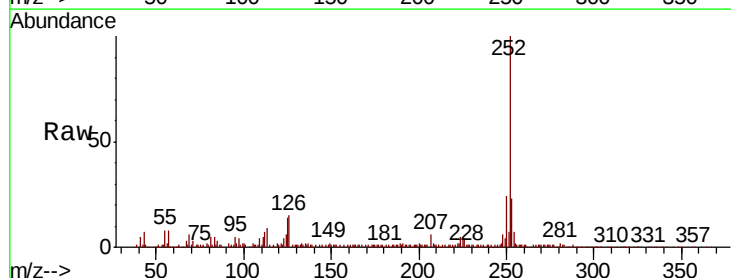
RT: 14.79 min Scan# 2159

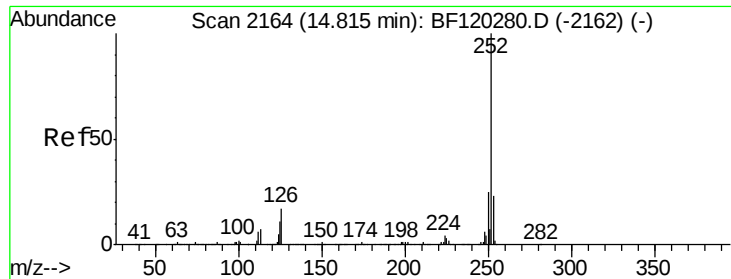
Delta R.T. 0.00 min

Lab File: BF120305.D

Acq: 14 May 2020 21:56

Tgt Ion:	252	Resp:	216364
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.1	27.1
125	14.4	10.4	15.6





#89

Benzo(k)fluoranthene

Concen: 3.876 ng/mL

RT: 14.80 min Scan# 2161

Delta R.T. -0.02 min

Lab File: BF120305.D

Acq: 14 May 2020 21:56

Instrument :

BNA_F

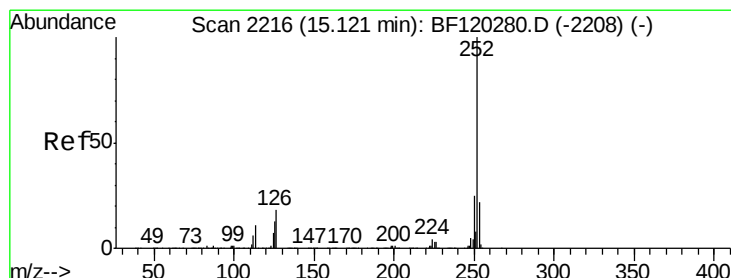
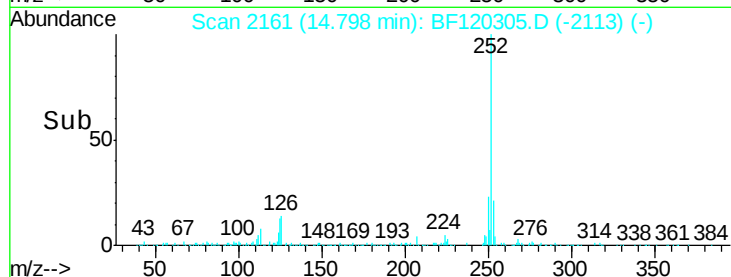
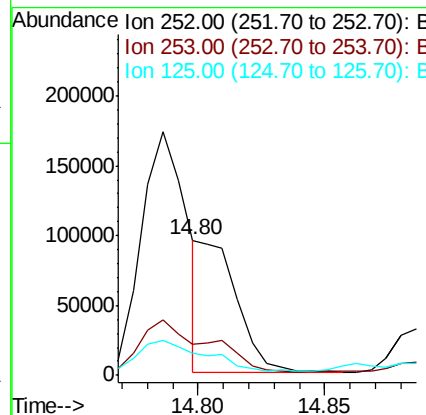
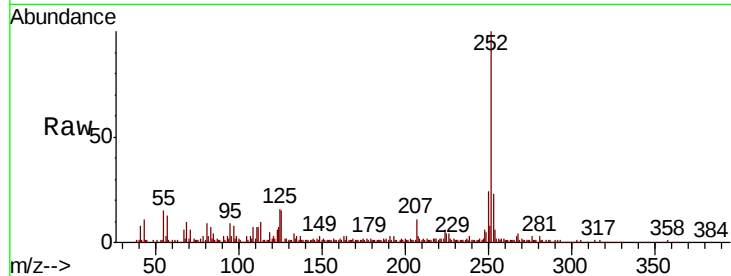
ClientSampleId :

SUP-WZ2-C-1

Tot Ion:	252	Resp:	94408
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.2	27.2
125	16.5	9.9	14.9

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#90

Benzo(a)pyrene

Concen: 7.021 ng/mL

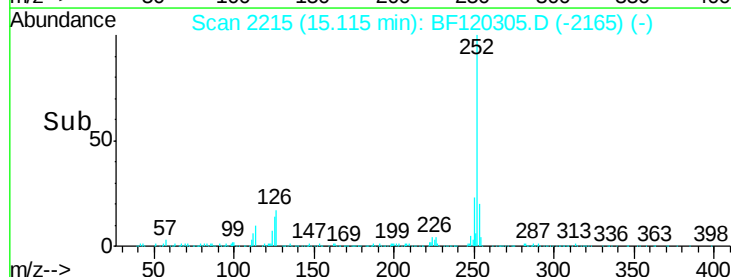
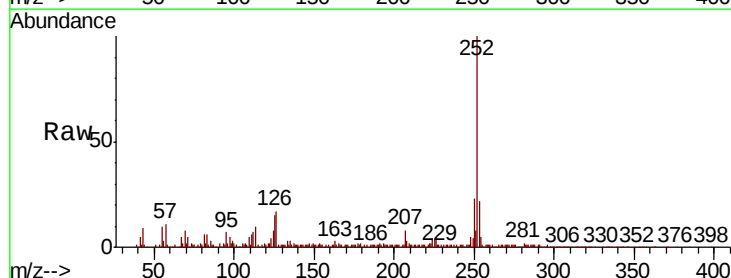
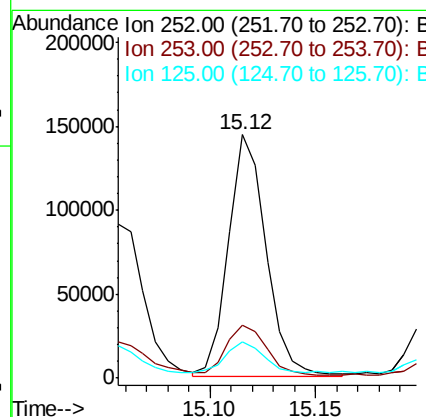
RT: 15.12 min Scan# 2215

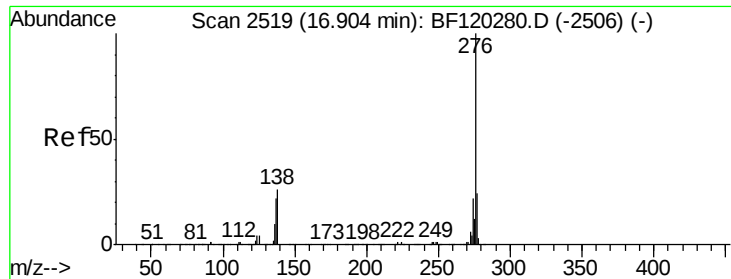
Delta R.T. -0.01 min

Lab File: BF120305.D

Acq: 14 May 2020 21:56

Tgt Ion:	252	Resp:	177003
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.6	26.4
125	15.0	10.6	16.0





#92
 Benzo(a,h,i)perylene
 Concen: 4.699 ng
 RT: 16.90 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BF120305.D
 Acq: 14 May 2020 21:56

Instrument :
 BNA_F
 ClientSampleId :
 SUP-WZ2-C-1

Tot Ion:	276	Resp:	105820
Ion Ratio	Lower	Upper	
276	100		
277	25.1	19.1	28.7
138	24.0	20.8	31.2

Manual Integrations
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