

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
 Data File : BF120299.D
 Acq On : 14 May 2020 19:10
 Operator : MA/SJ
 Sample : L2605-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 239997

Manual Integrations
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mohammad
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Quant Time: May 15 03:35:59 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	339946	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1543693	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	643537	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1447951	20.00	ng	0.00
76) Chrysene-d12	13.78	240	877832	20.00	ng	0.00
87) Perylene-d12	15.17	264	815813	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1829884	104.73	ng	0.00
7) Phenol-d6	6.28	99	2488189	112.62	ng	0.00
23) Nitrobenzene-d5	7.19	82	1451243	64.37	ng	0.00
42) 2,4,6-Tribromophenol	10.45	330	636105	121.23	ng	0.00
45) 2-Fluorobiphenyl	8.99	172	2609055	83.29	ng	0.00
79) Terphenyl-d14	12.73	244	2955729	74.39	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.38	163	421800	10.369	ng	99
71) Phenanthrene	11.16	178	335038	5.507	ng	99
75) Fluoranthene	12.35	202	548550	8.412	ng	96
78) Pyrene	12.58	202	482505	7.710	ng	98
81) Benzo(a)anthracene	13.77	228	210932	4.556	ng	99
83) Chrysene	13.80	228	196219	3.947	ng	96
86) Indeno(1,2,3-cd)pyrene	16.50	276	94664	2.098	ng	95
88) Benzo(b)fluoranthene	14.79	252	219660m	4.930	ng	
89) Benzo(k)fluoranthene	14.80	252	86563m	2.243	ng	
90) Benzo(a)pyrene	15.12	252	152064	3.806	ng	97
92) Benzo(g,h,i)perylene	16.89	276	91601	2.566	ng	98

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

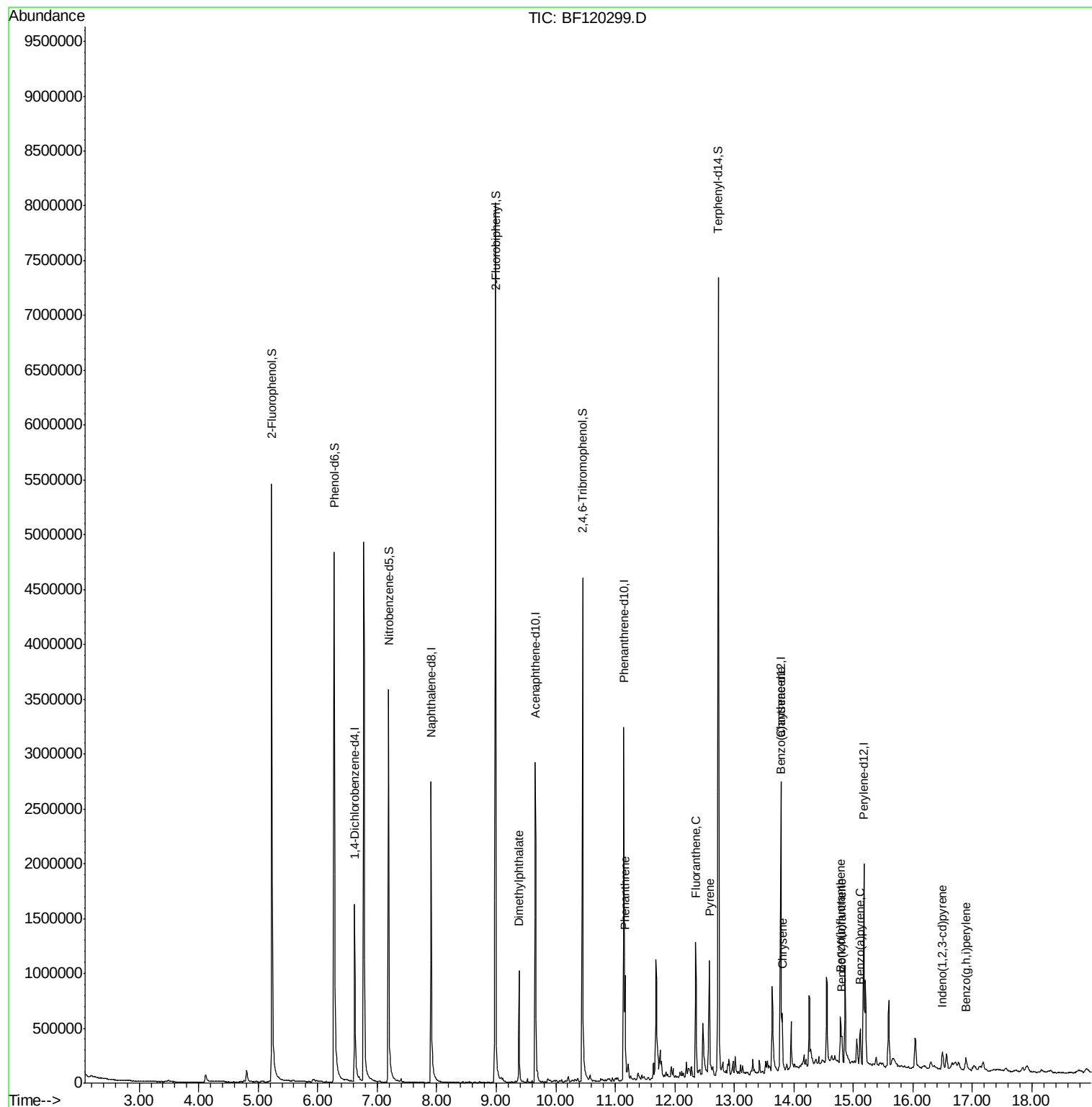
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120299.D
Acq On : 14 May 2020 19:10
Operator : MA/SJ
Sample : L2605-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

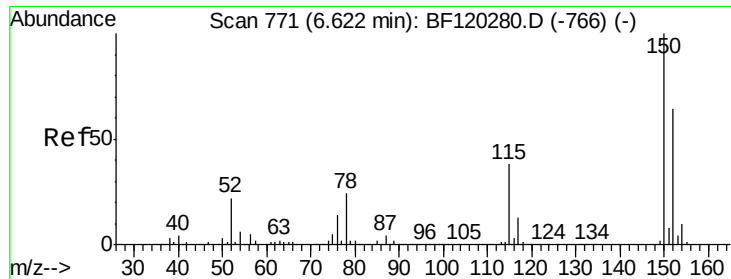
Instrument :
BNA_F
ClientSampleId :
239997

Quant Time: May 15 03:35:59 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

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#1

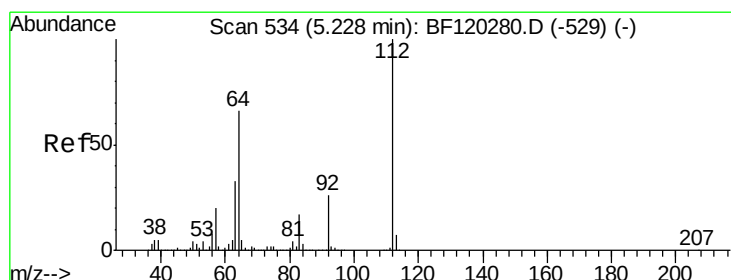
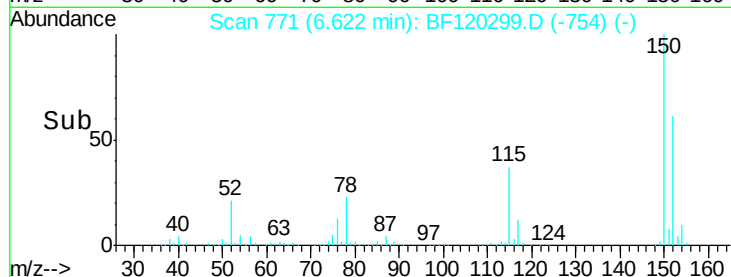
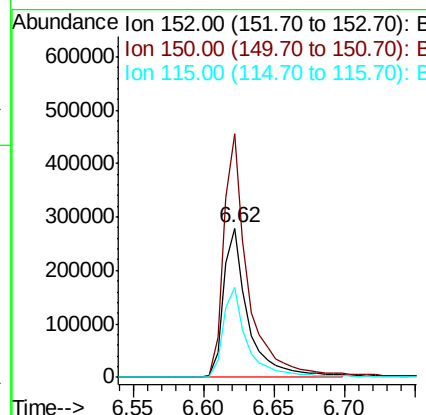
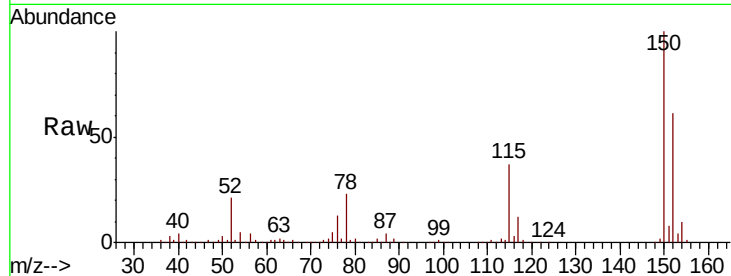
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF120299.D
Acq: 14 May 2020 19:10

Instrument :
BNA_F
ClientSampleId :
239997

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.3	126.2	189.2
115	60.5	47.9	71.9

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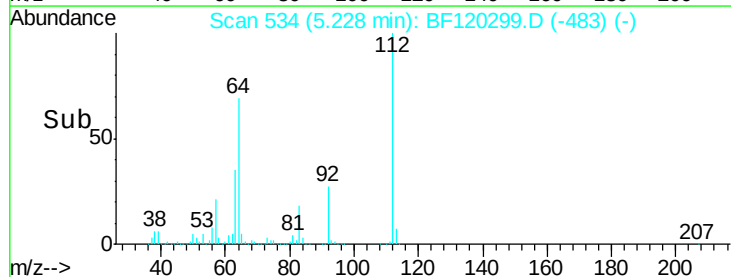
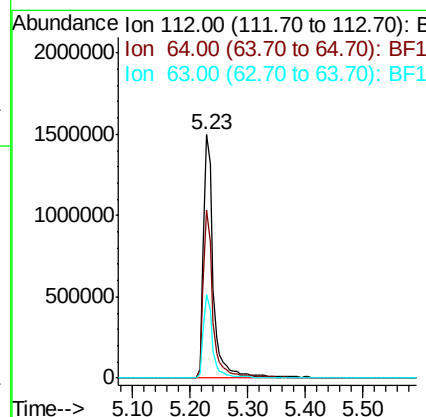
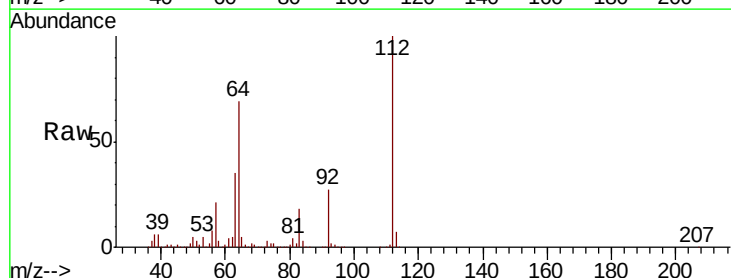
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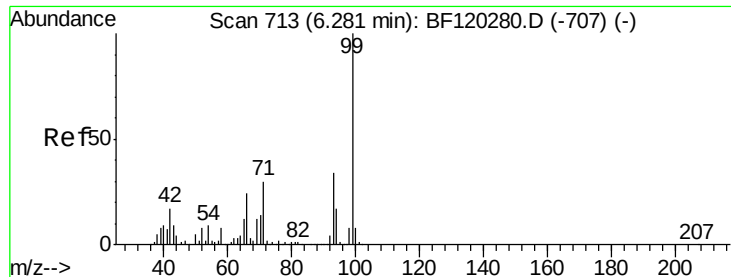


#5

2-Fluorophenol
Concen: 104.735 ng
RT: 5.23 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF120299.D
Acq: 14 May 2020 19:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.8	52.7	79.1
63	34.6	26.2	39.4





#7

Phenol-d6

Concen: 112.616 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF120299.D

Acq: 14 May 2020 19:10

Instrument :

BNA_F

ClientSampleId :

239997

Tot Ion: 99 Resp: 2488189

Ion Ratio Lower Upper

99 100

42 16.4 13.6 20.4

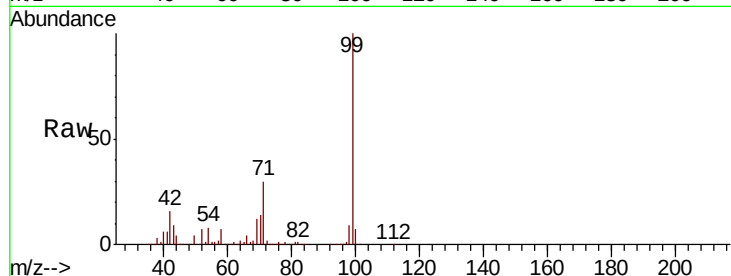
71 29.5 24.2 36.4

Manual Integrations

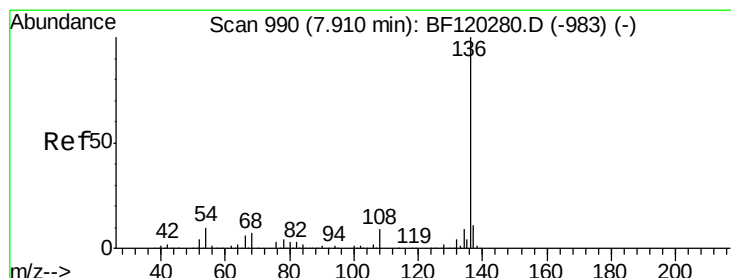
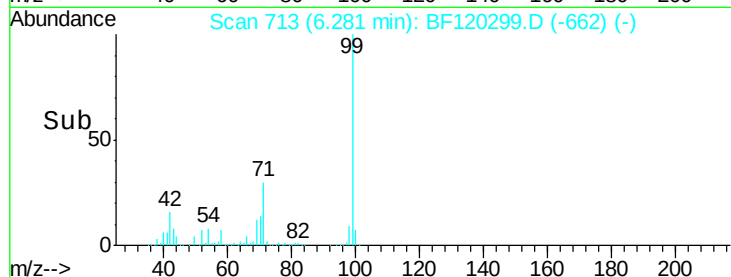
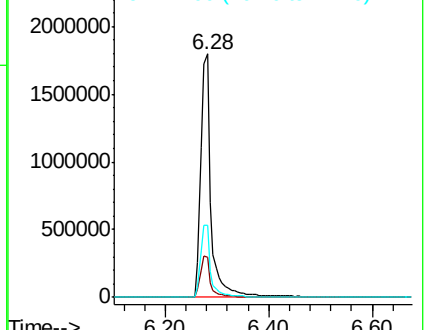
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF120299.D

Acq: 14 May 2020 19:10

Tgt Ion: 136 Resp: 1543693

Ion Ratio Lower Upper

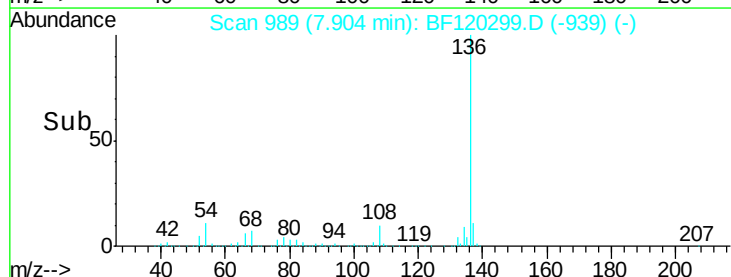
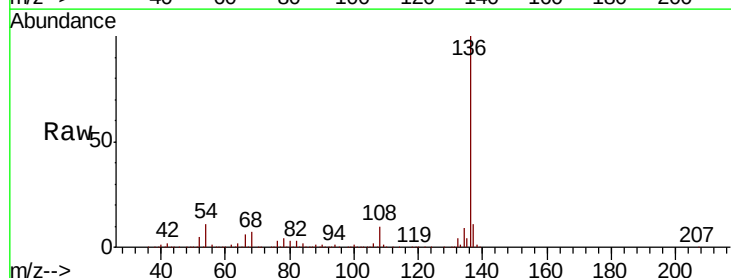
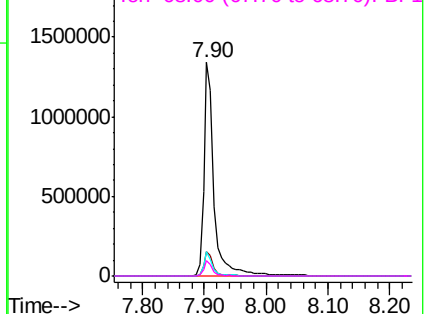
136 100

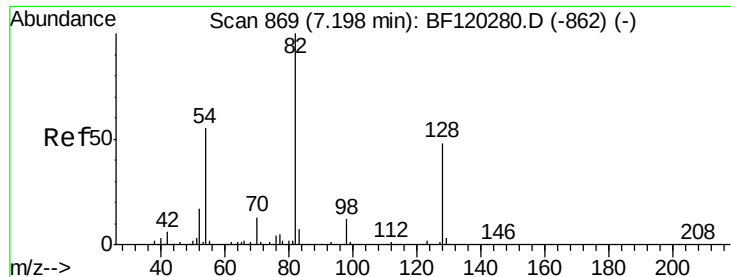
137 11.4 9.1 13.7

54 11.1 7.9 11.9

68 7.0 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





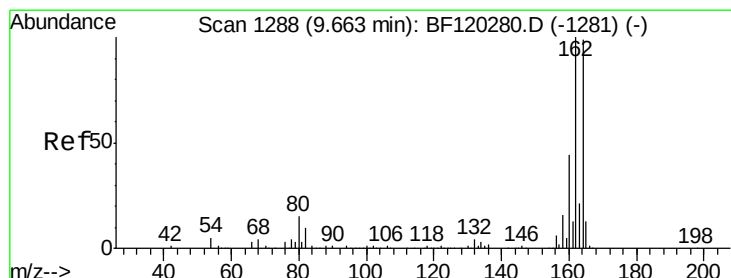
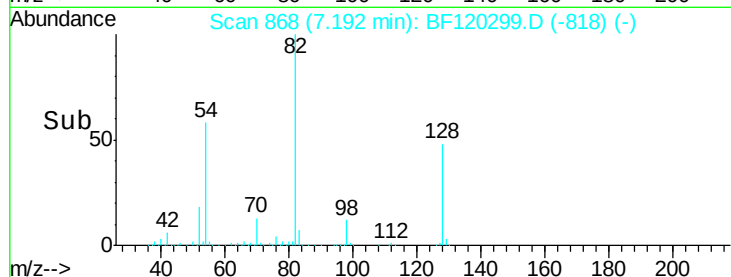
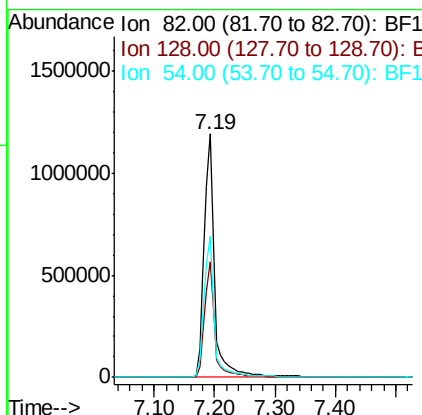
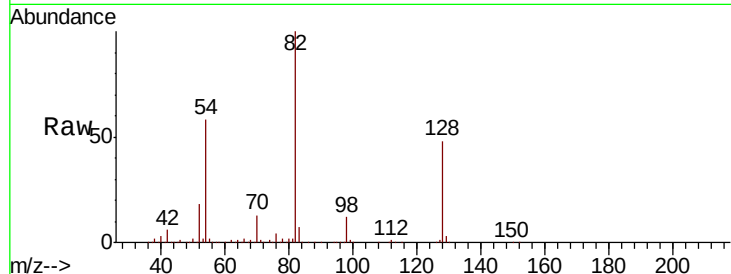
#23
Nitrobenzene-d5
Concen: 64.366 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF120299.D
Acq: 14 May 2020 19:10

Instrument :
BNA_F
ClientSampleId :
239997

Tot Ion: 82 Resp: 1451243
Ion Ratio Lower Upper
82 100
128 47.7 38.3 57.5
54 58.0 43.9 65.9

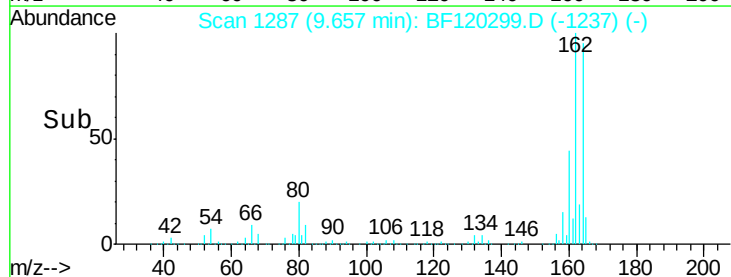
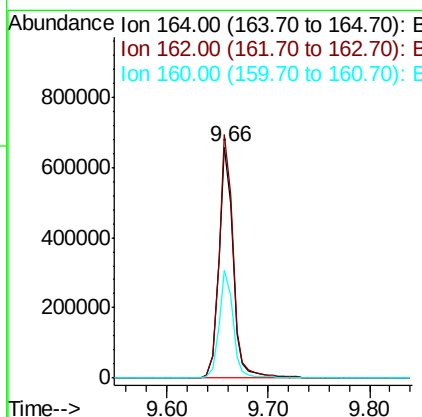
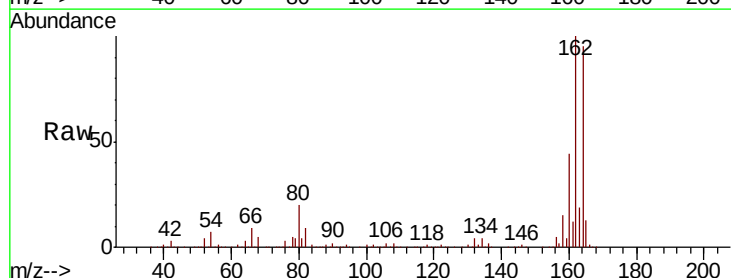
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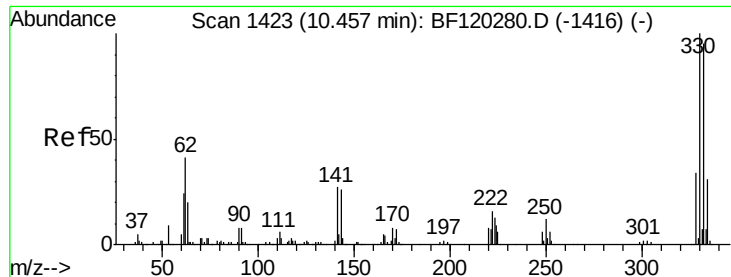
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF120299.D
Acq: 14 May 2020 19:10

Tgt Ion: 164 Resp: 643537
Ion Ratio Lower Upper
164 100
162 105.4 81.2 121.8
160 46.5 35.8 53.6





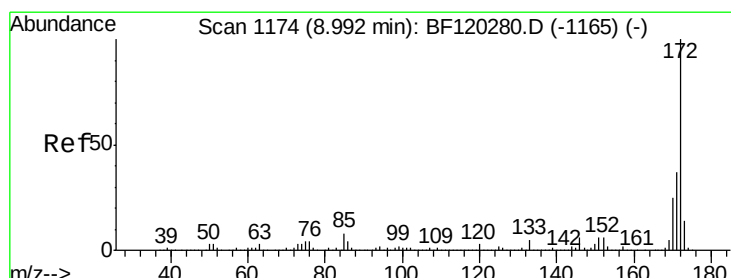
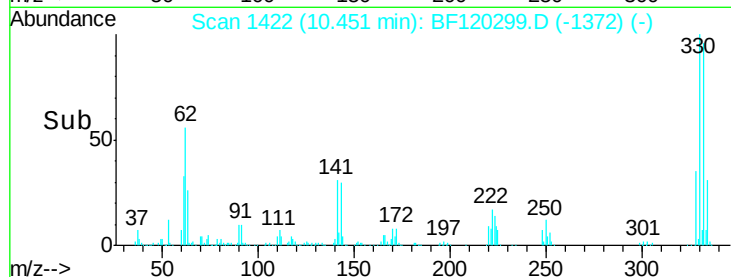
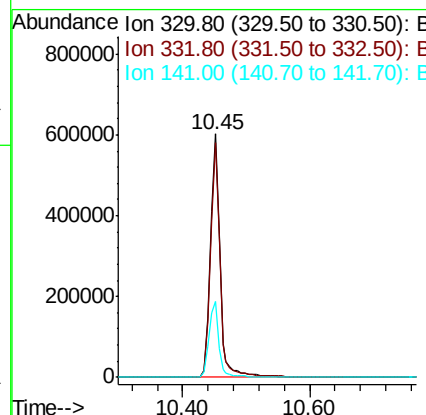
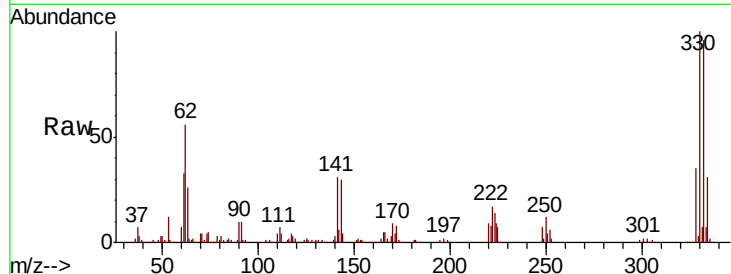
#42
 2,4,6-Tribromophenol
 Concen: 121.231 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF120299.D
 Acq: 14 May 2020 19:10

Instrument :
 BNA_F
 ClientSampled :
 239997

Tot Ion	Ratio	Resp	Lower	Upper
330	100	636105		
332	96.1	76.5	114.7	
141	32.2	25.4	38.0	

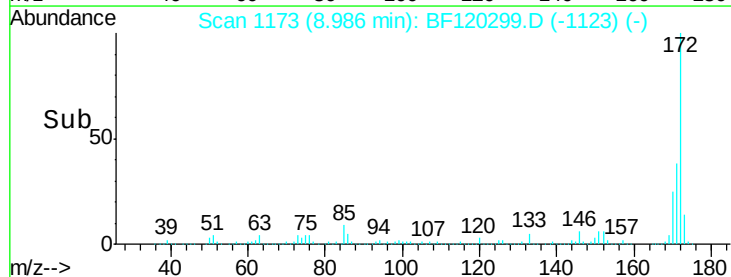
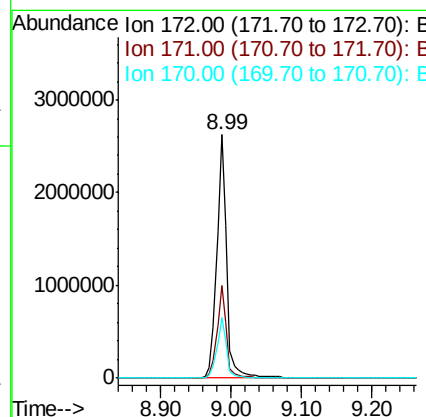
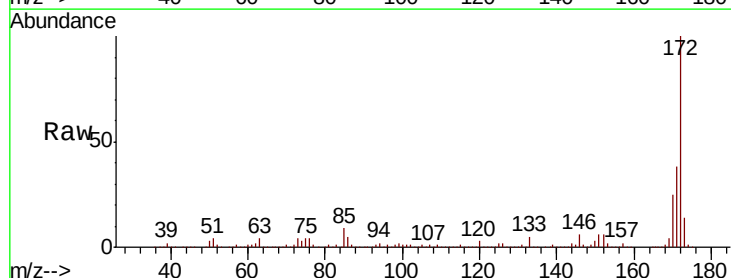
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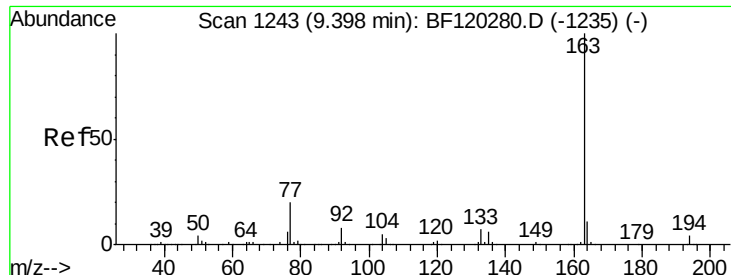
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#45
 2-Fluorobiphenyl
 Concen: 83.293 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF120299.D
 Acq: 14 May 2020 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2609055		
171	37.8	29.7	44.5	
170	24.8	19.9	29.9	





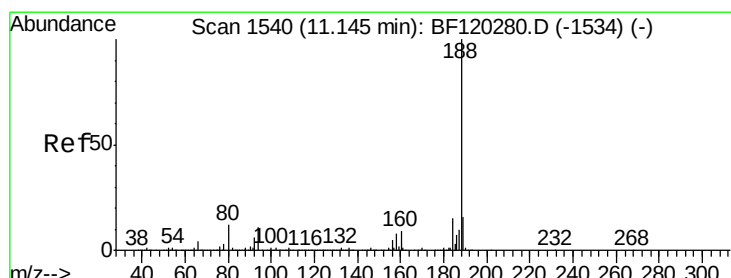
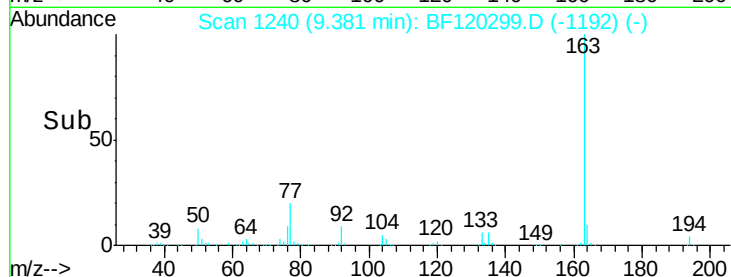
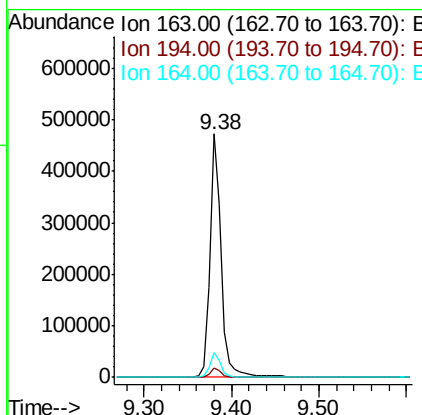
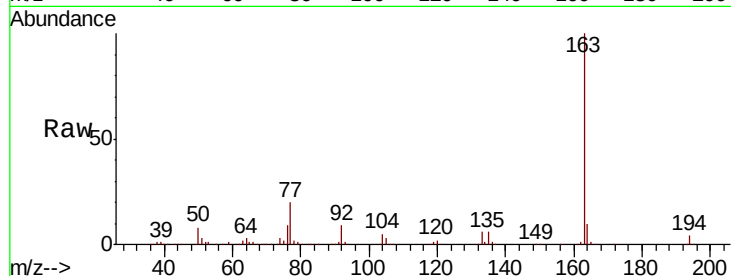
#50
Dimethylphthalate
Concen: 10.369 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.02 min
Lab File: BF120299.D
Acq: 14 May 2020 19:10

Instrument :
BNA_F
ClientSampleId :
239997

Tot Ion	Ratio	Resp	Lower	Upper
163	100	421800		
194	3.6		3.1	4.7
164	10.3		8.6	12.8

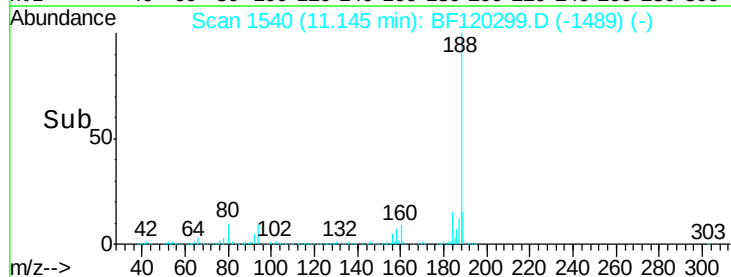
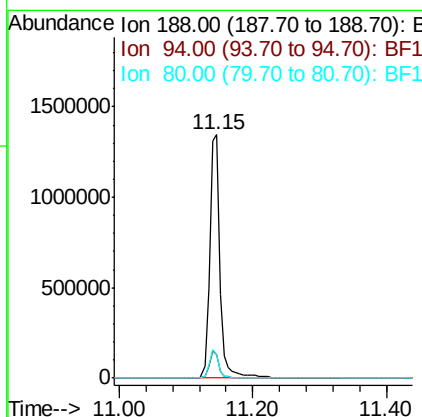
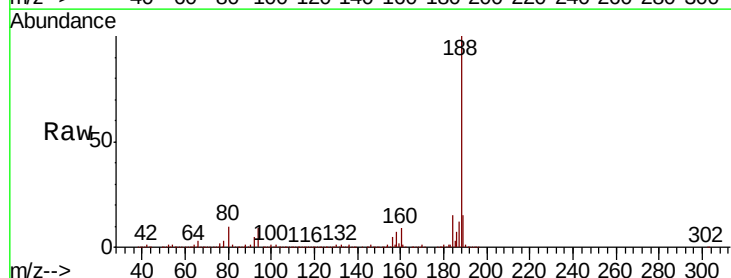
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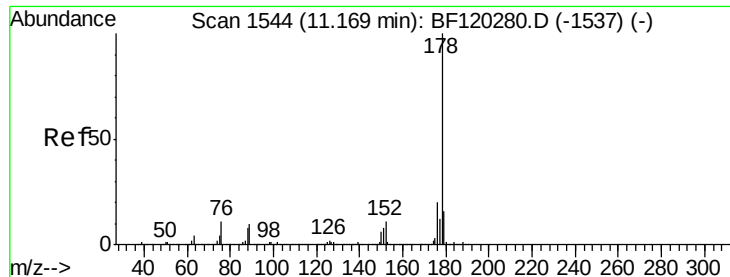
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BF120299.D
Acq: 14 May 2020 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1447951		
94	9.5		8.6	13.0
80	9.8		9.2	13.8





#71

Phenanthrene

Concen: 5.507 ng

RT: 11.16 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BF120299.D

Acq: 14 May 2020 19:10

Instrument :

BNA_F

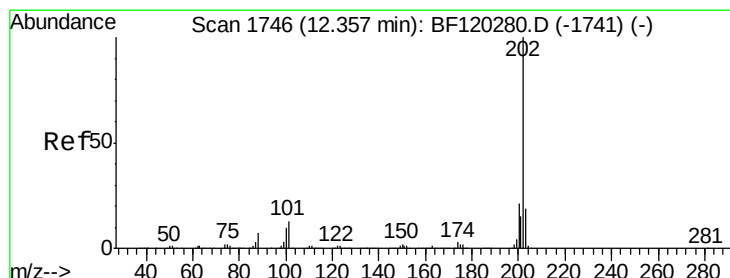
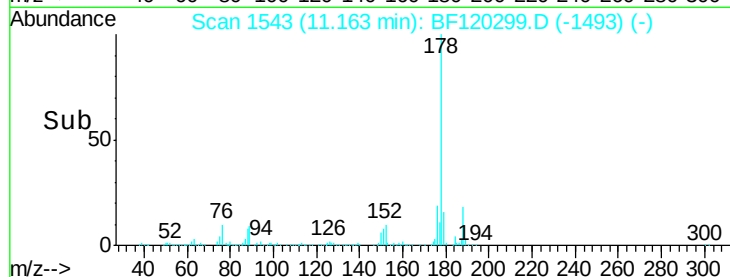
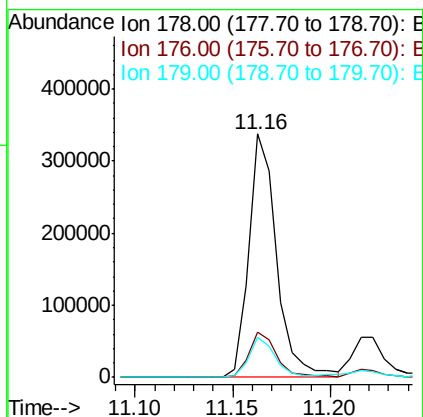
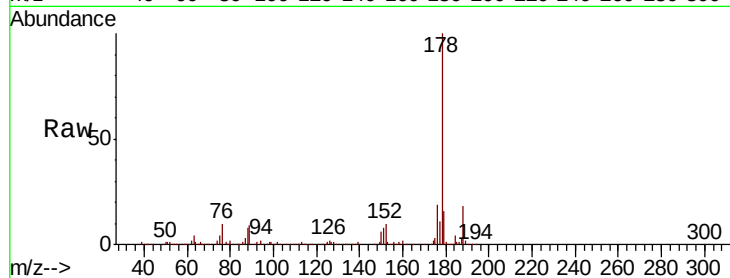
ClientSampleId :

239997

Tot Ion:	178	Resp:	335038
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.8	23.8
179	16.2	12.8	19.2

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#75

Fluoranthene

Concen: 8.412 ng

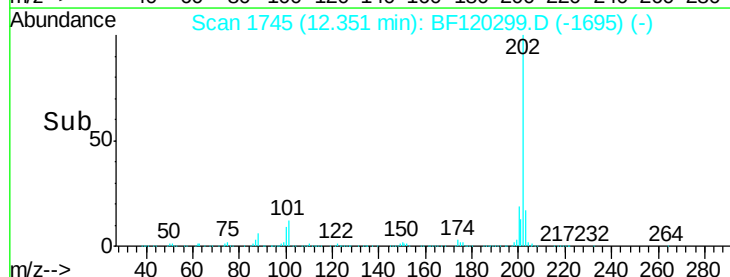
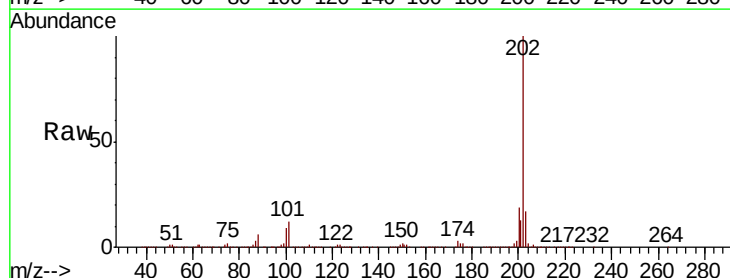
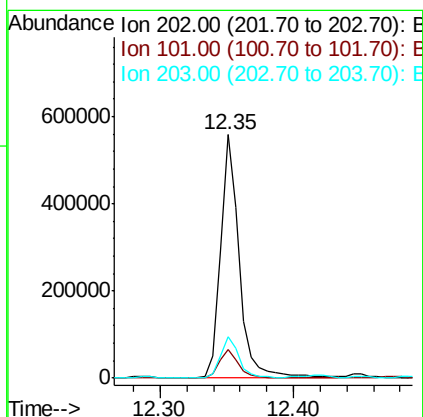
RT: 12.35 min Scan# 1745

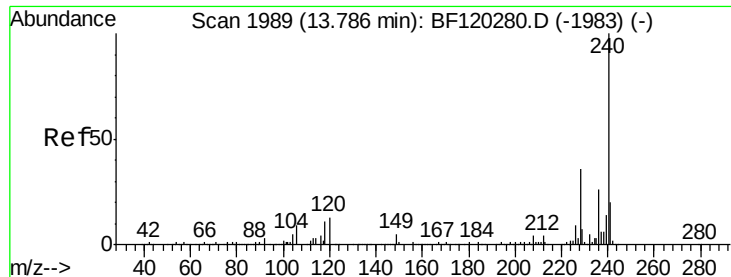
Delta R.T. -0.01 min

Lab File: BF120299.D

Acq: 14 May 2020 19:10

Tgt Ion:	202	Resp:	548550
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	33.2
203	17.0	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: BF120299.D

Acq: 14 May 2020 19:10

Instrument :

BNA_F

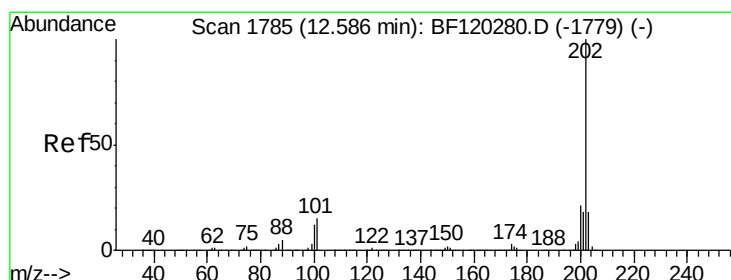
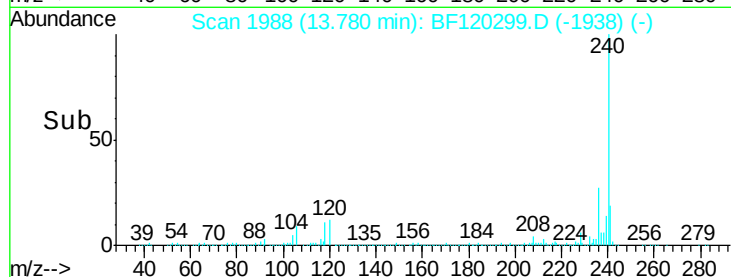
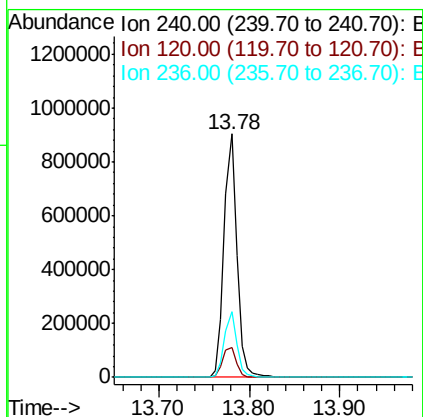
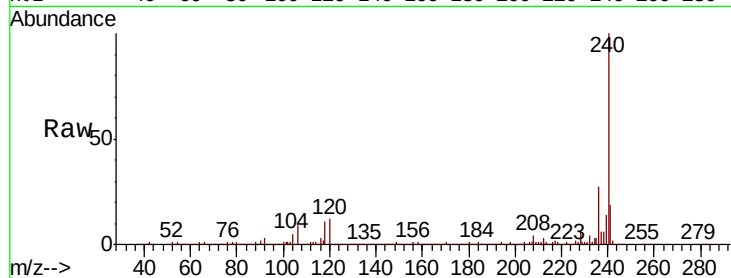
ClientSampleId :

239997

Tot Ion:	240	Resp:	877832
Ion Ratio		Lower	Upper
240	100		
120	12.3	10.4	15.6
236	26.9	21.0	31.6

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#78

Pyrene

Concen: 7.710 ng

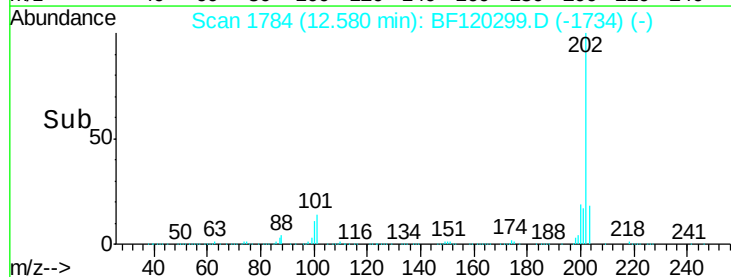
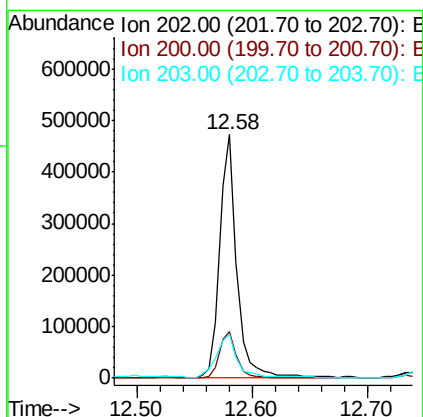
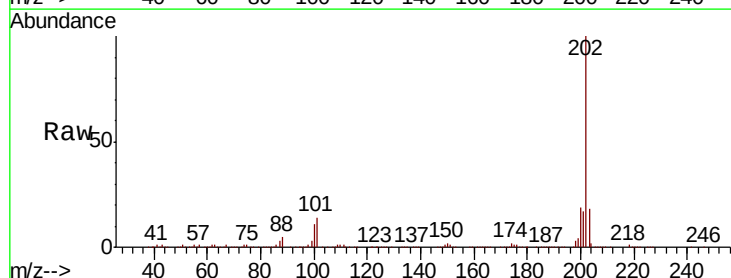
RT: 12.58 min Scan# 1784

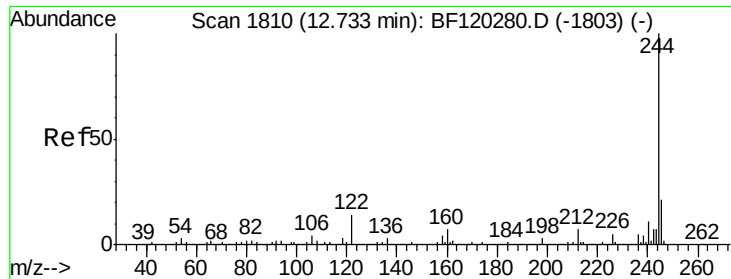
Delta R.T. -0.01 min

Lab File: BF120299.D

Acq: 14 May 2020 19:10

Tgt Ion:	202	Resp:	482505
Ion Ratio		Lower	Upper
202	100		
200	19.1	16.6	25.0
203	18.1	14.6	22.0





#79

Terphenyl-d14

Concen: 74.386 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF120299.D

Acq: 14 May 2020 19:10

Instrument :

BNA_F

ClientSampleId :

239997

Tot Ion:244 Resp: 2955729

Ion Ratio Lower Upper

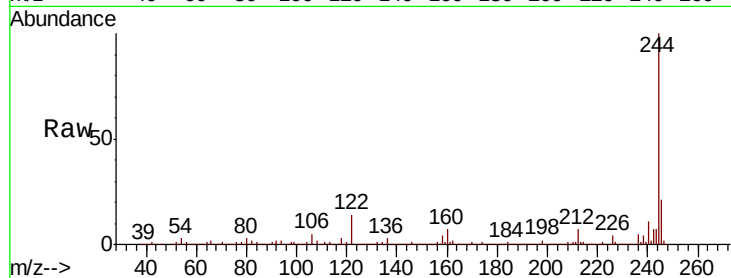
244 100

212 7.1 5.8 8.6

122 14.2 10.8 16.2

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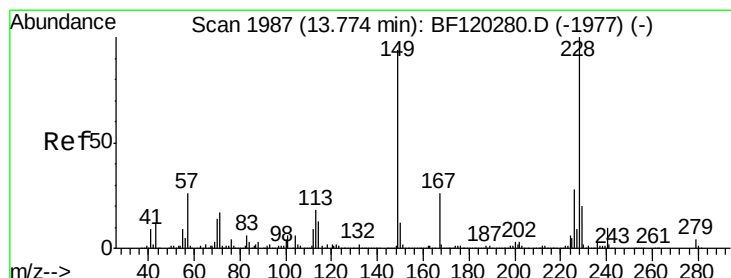
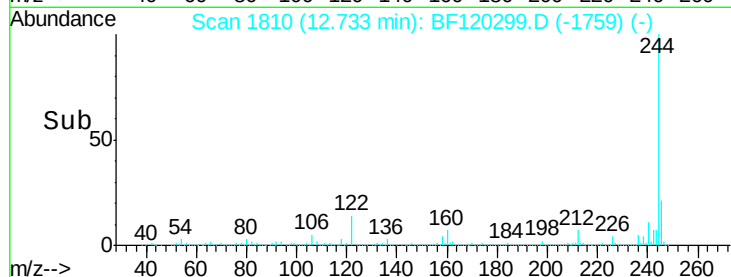


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



#81

Benzo(a)anthracene

Concen: 4.556 ng

RT: 13.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF120299.D

Acq: 14 May 2020 19:10

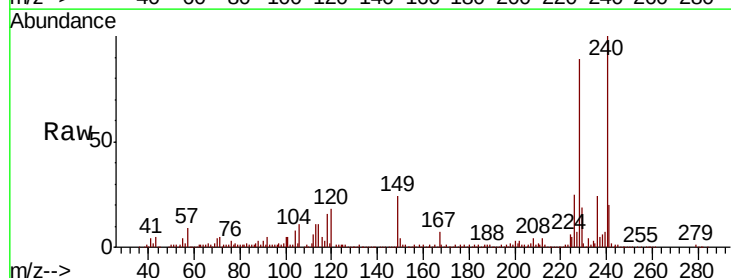
Tgt Ion:228 Resp: 210932

Ion Ratio Lower Upper

228 100

226 28.4 22.6 33.8

229 21.5 16.4 24.6

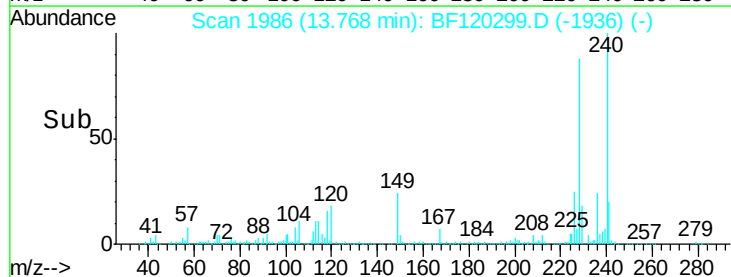


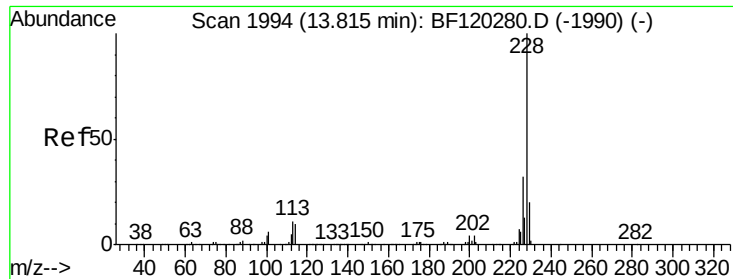
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->





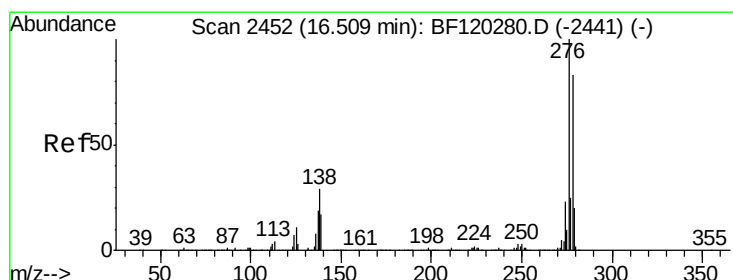
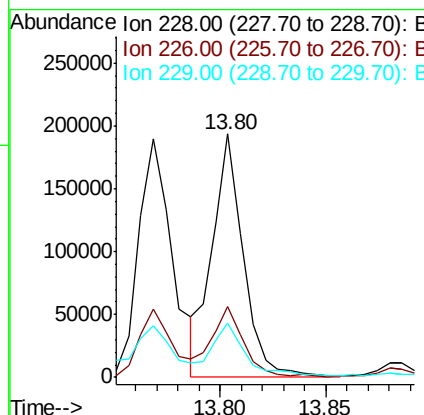
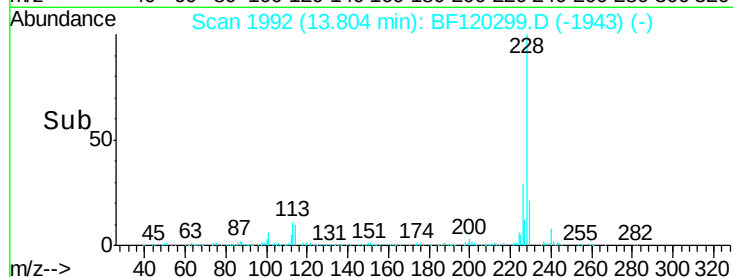
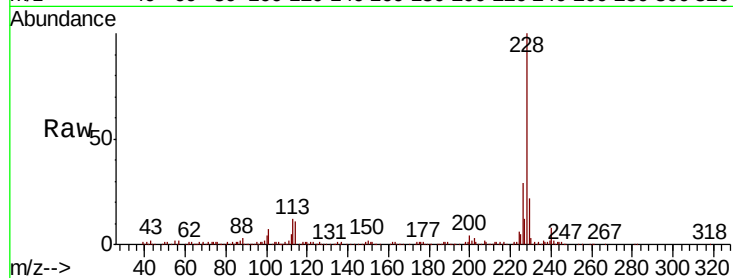
#83
Chrysene
Concen: 3.947 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF120299.D
Acq: 14 May 2020 19:10

Instrument :
BNA_F
ClientSampleId :
239997

Tot Ion:	228	Resp:	196219
Ion Ratio	Lower	Upper	
228	100		
226	29.1	25.0	37.6
229	22.4	16.2	24.4

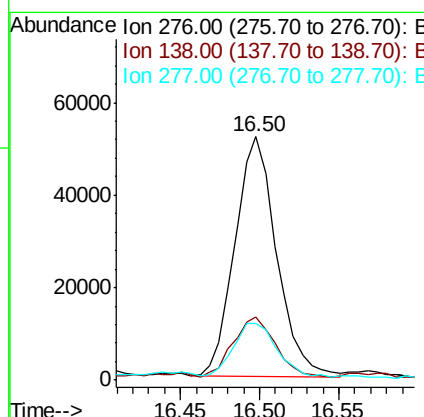
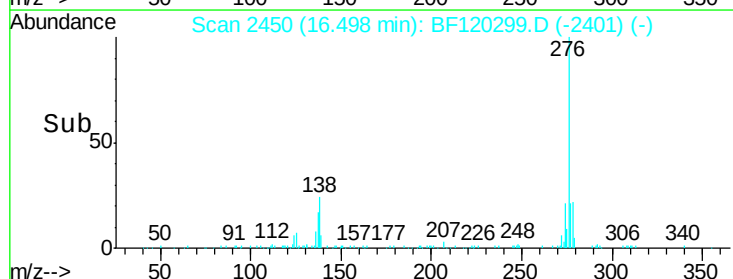
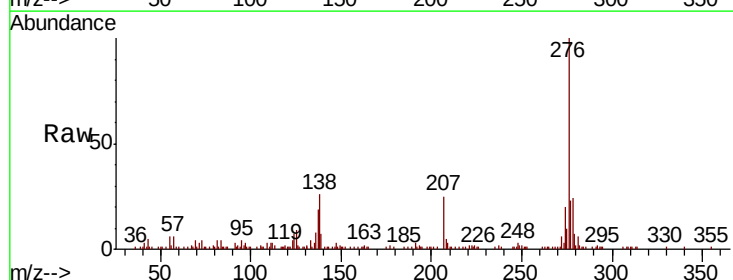
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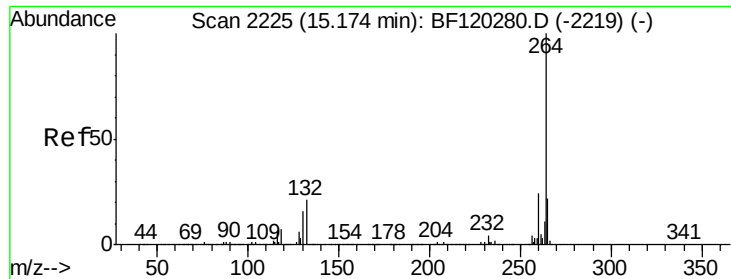
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.098 ng
RT: 16.50 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BF120299.D
Acq: 14 May 2020 19:10

Tgt Ion:	276	Resp:	94664
Ion Ratio	Lower	Upper	
276	100		
138	25.3	23.3	34.9
277	24.1	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: BF120299.D

Acq: 14 May 2020 19:10

Instrument :

BNA_F

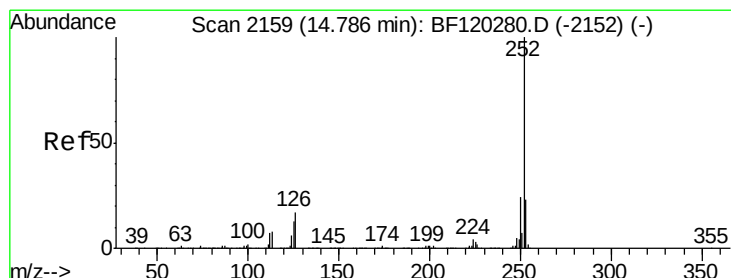
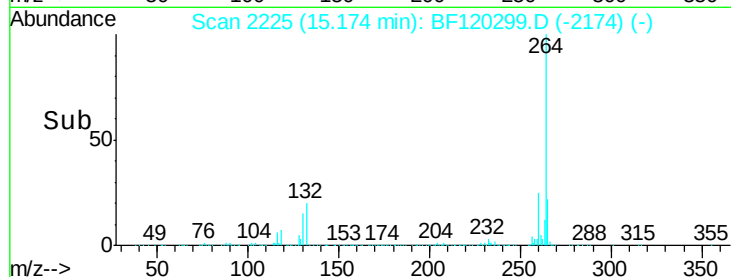
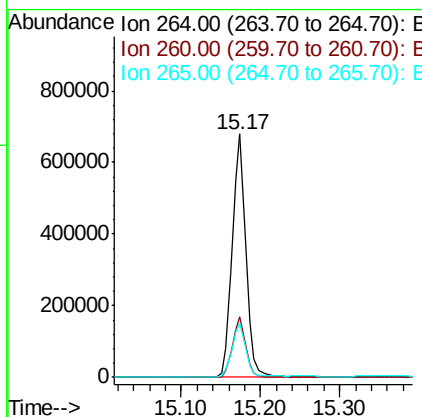
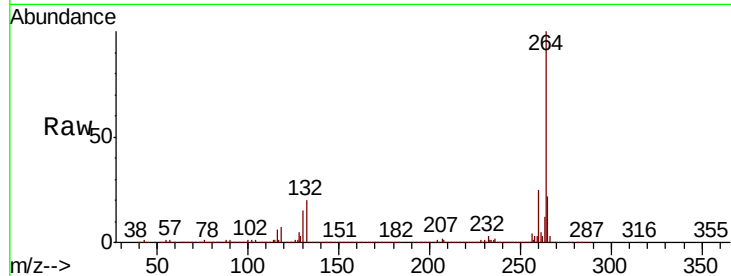
ClientSampleId :

239997

Tot Ion:	264	Resp:	815813
Ion Ratio		Lower	Upper
264	100		
260	24.6	19.0	28.6
265	22.0	17.5	26.3

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#88

Benzo(b)fluoranthene

Concen: 4.930 ng m

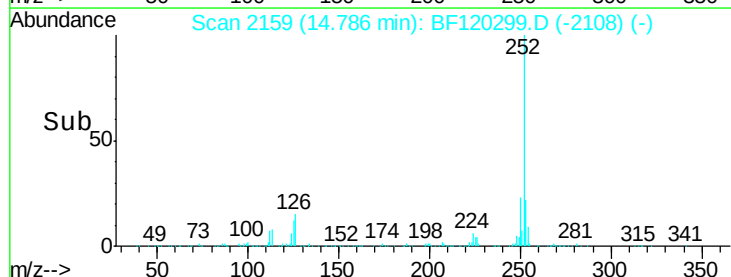
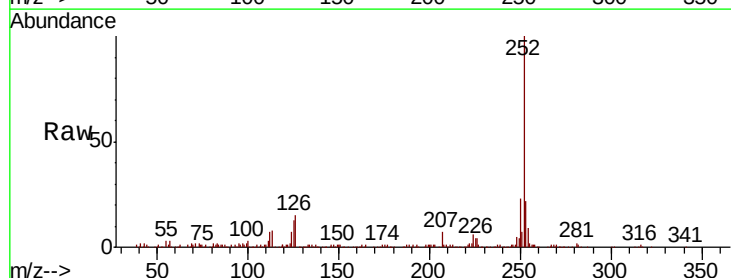
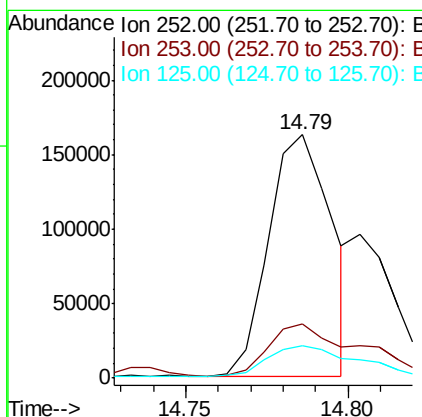
RT: 14.79 min Scan# 2159

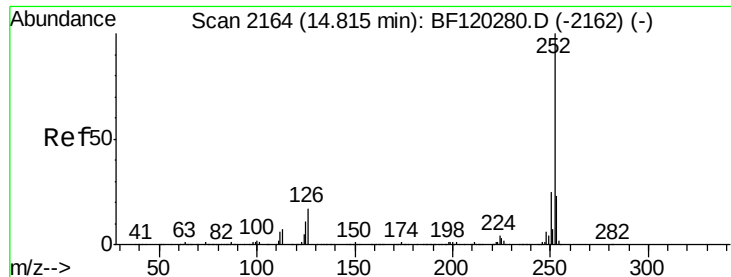
Delta R.T. 0.00 min

Lab File: BF120299.D

Acq: 14 May 2020 19:10

Tgt Ion:	252	Resp:	219660
Ion Ratio		Lower	Upper
252	100		
253	22.4	18.1	27.1
125	13.1	10.4	15.6





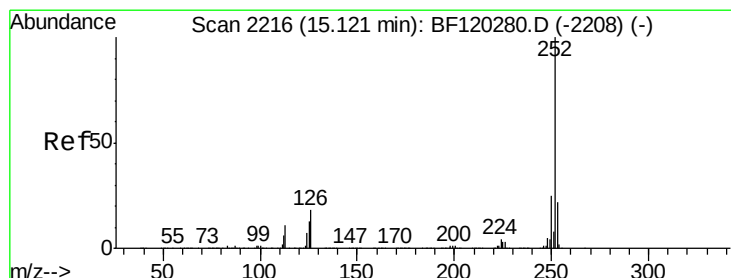
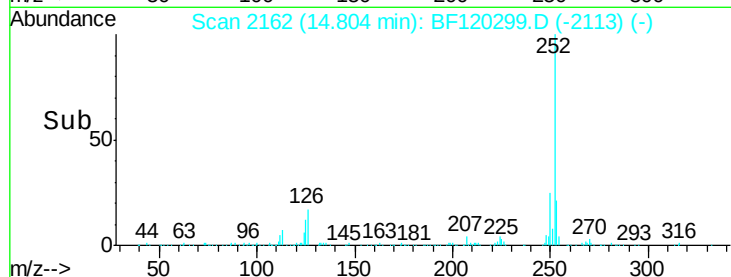
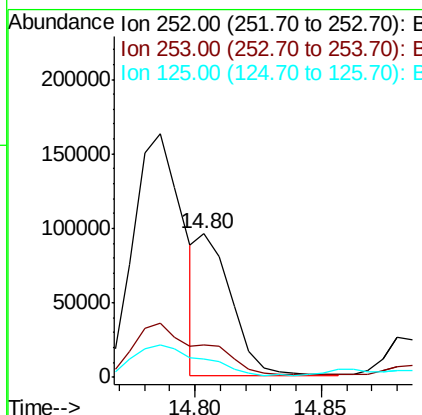
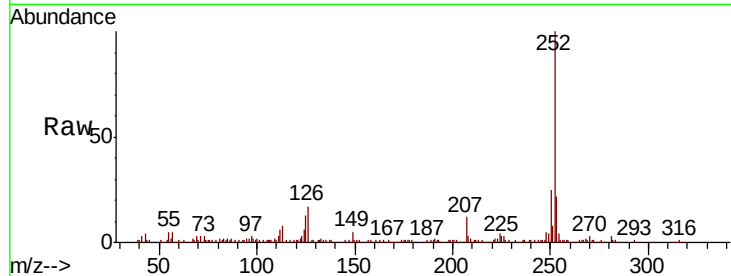
#89
Benzo(k)fluoranthene
Concen: 2.243 ng m
RT: 14.80 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF120299.D
Acq: 14 May 2020 19:10

Instrument :
BNA_F
ClientSampleId :
239997

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	13.1	9.9	14.9

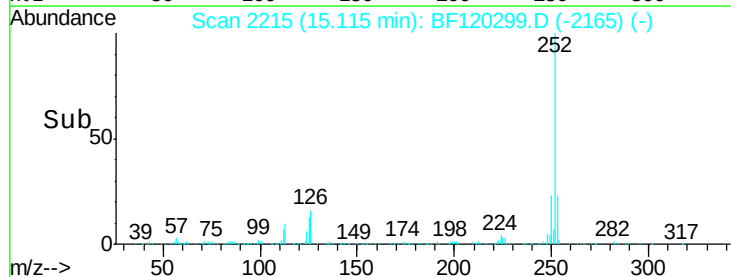
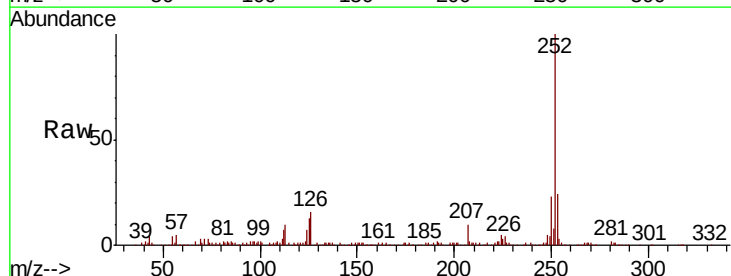
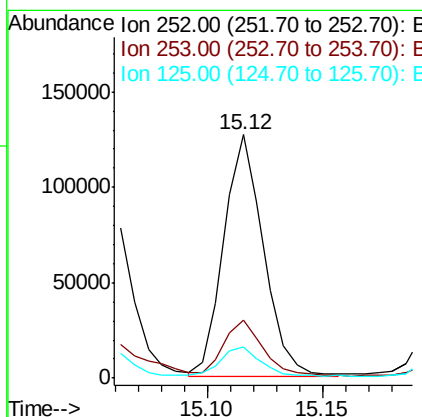
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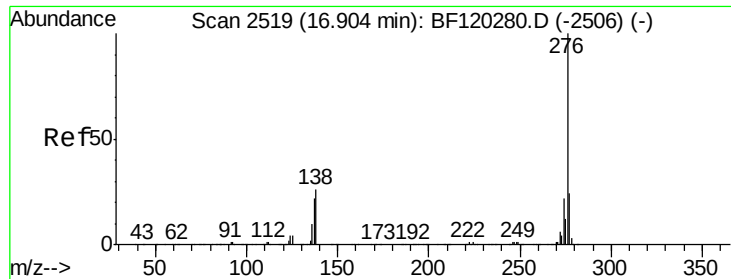
mohammad
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#90
Benzo(a)pyrene
Concen: 3.806 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF120299.D
Acq: 14 May 2020 19:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.6	26.4
125	12.9	10.6	16.0





#92
 Benzo(a,h,i)perylene
 Concen: 2.566 ng
 RT: 16.89 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BF120299.D
 Acq: 14 May 2020 19:10

Instrument :
 BNA_F
 ClientSampleId :
 239997

Tot Ion:	276	Resp:	91601
Ion Ratio	Lower	Upper	
276	100		
277	22.4	19.1	28.7
138	26.9	20.8	31.2

Manual Integrations
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