

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083120\
 Data File : BF121480.D
 Acq On : 31 Aug 2020 16:28
 Operator : JU/CG
 Sample : L3833-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 12018

Manual Integrations
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mohammad
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Quant Time: Aug 31 17:08:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 28 09:25:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	304465	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1135140	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	611068	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	1140186	20.00	ng	0.00
76) Chrysene-d12	14.02	240	801427	20.00	ng	0.00
86) Perylene-d12	15.49	264	727353	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1658569	91.39	ng	0.00
7) Phenol-d6	6.48	99	2164872	85.36	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1421771	85.63	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	660667	107.04	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2581883	68.17	ng	0.00
79) Terphenyl-d14	12.97	244	2573969	67.61	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.61	163	152818	3.641	ng	98
71) Phenanthrene	11.40	178	556089	9.504	ng	97
75) Fluoranthene	12.60	202	1177872	18.678	ng	95
78) Pyrene	12.82	202	996771	17.415	ng	97
81) Benzo(a)anthracene	14.01	228	368127	7.525	ng	99
83) Chrysene	14.04	228	463630m	9.472	ng	
84) Bis(2-ethylhexyl)phthalate	14.00	149	119720	4.204	ng	# 98
87) Indeno(1,2,3-cd)pyrene	16.94	276	221323m	4.945	ng	
88) Benzo(b)fluoranthene	15.06	252	483676m	10.223	ng	
89) Benzo(k)fluoranthene	15.09	252	185529m	4.216	ng	
90) Benzo(a)pyrene	15.42	252	299816	7.047	ng	100
92) Benzo(a,h,i)perylene	17.38	276	204972	5.808	ng	100

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

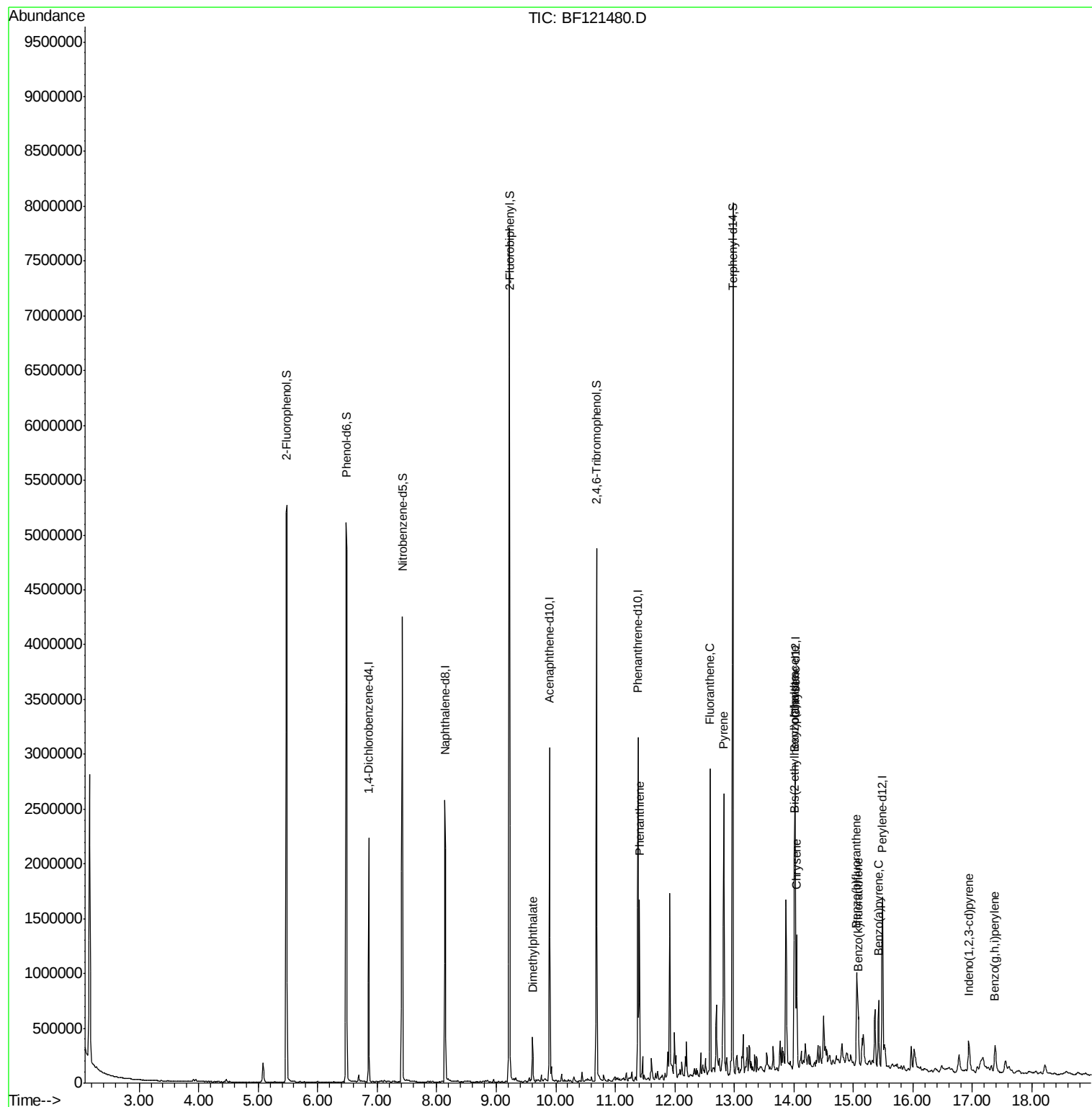
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083120\
Data File : BF121480.D
Acq On : 31 Aug 2020 16:28
Operator : JU/CG
Sample : L3833-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

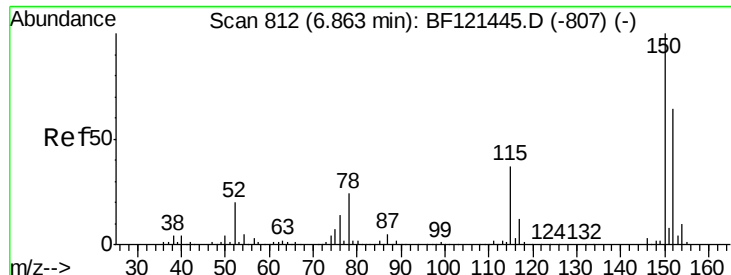
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

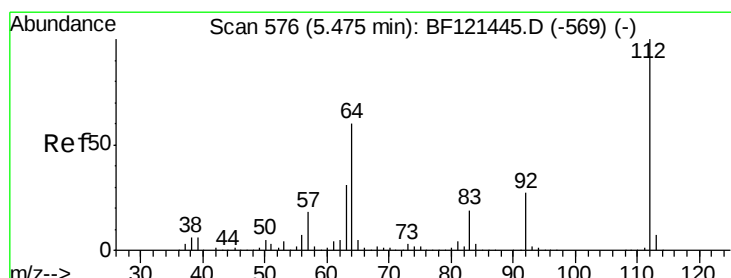
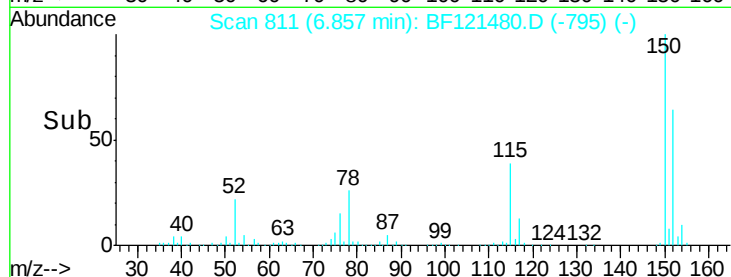
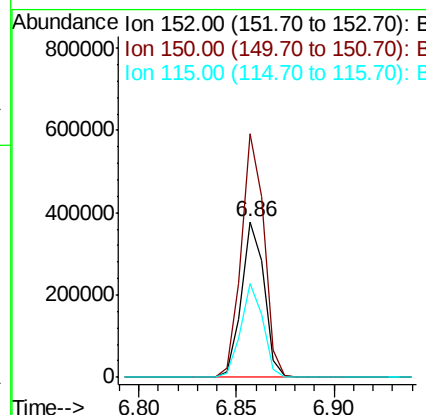
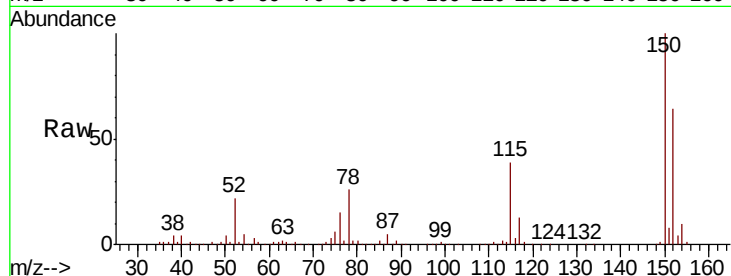
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF121480.D
Acq: 31 Aug 2020 16:28

Instrument :
BNA_F
ClientSampled :
12018

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	125.8	188.6
115	60.5	46.6	69.8

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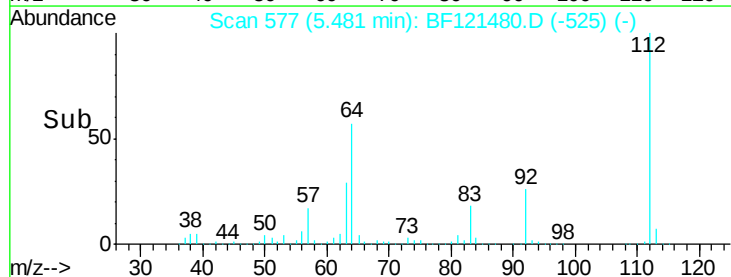
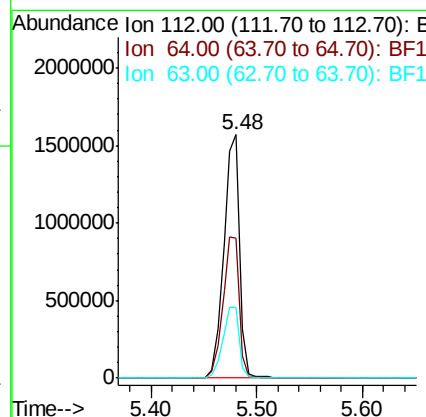
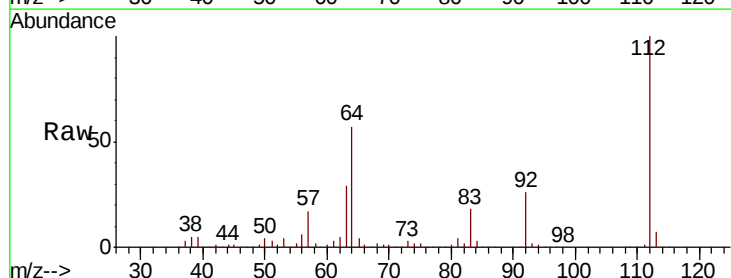
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#5

2-Fluorophenol
Concen: 91.395 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF121480.D
Acq: 31 Aug 2020 16:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	48.2	72.2
63	28.9	24.8	37.2





#7

Phenol-d6

Concen: 85.365 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF121480.D

Acq: 31 Aug 2020 16:28

Instrument :

BNA_F

ClientSampleId :

12018

Tot Ion: 99 Resp: 2164872

Ion Ratio Lower Upper

99 100

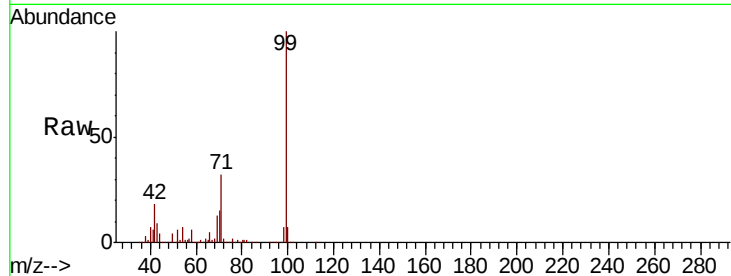
42 17.5 13.5 20.3

71 32.2 24.6 37.0

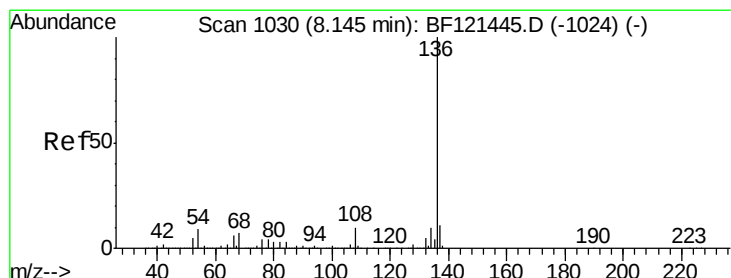
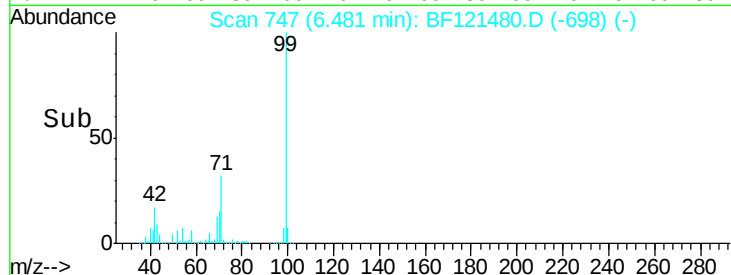
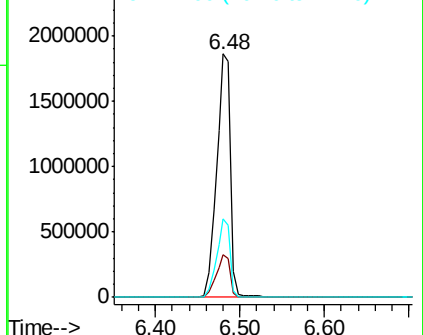
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Abundance Ion 99.00 (98.70 to 99.70): BF1
2500000 Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF121480.D

Acq: 31 Aug 2020 16:28

Tgt Ion: 136 Resp: 1135140

Ion Ratio Lower Upper

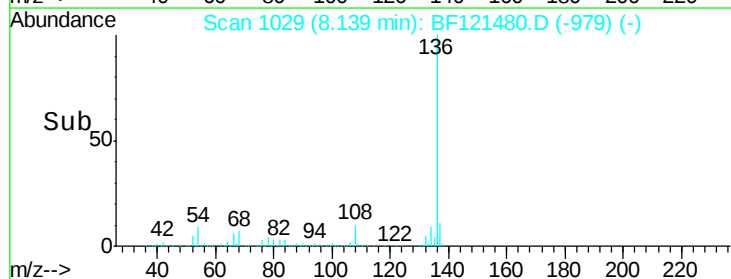
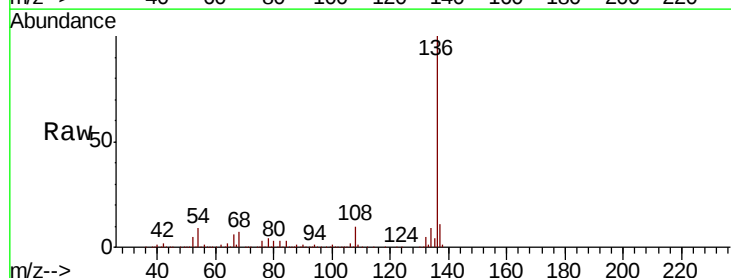
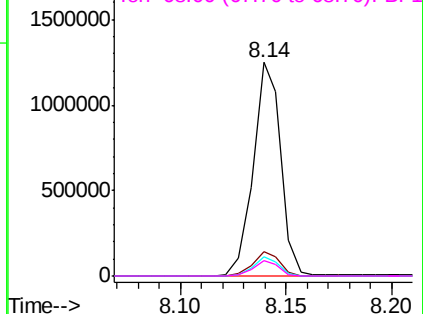
136 100

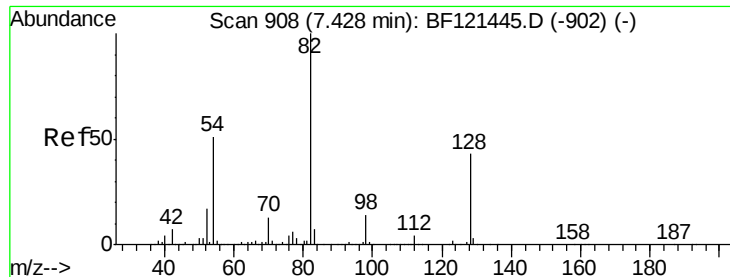
137 11.5 9.1 13.7

54 8.9 7.0 10.4

68 7.1 5.5 8.3

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





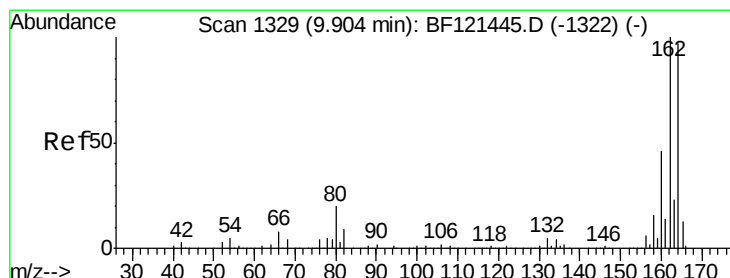
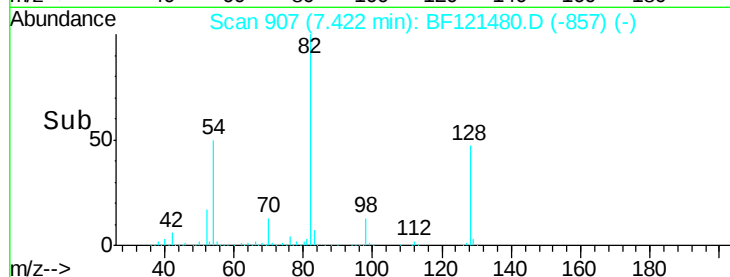
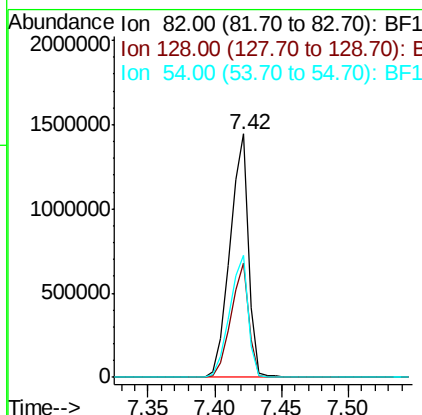
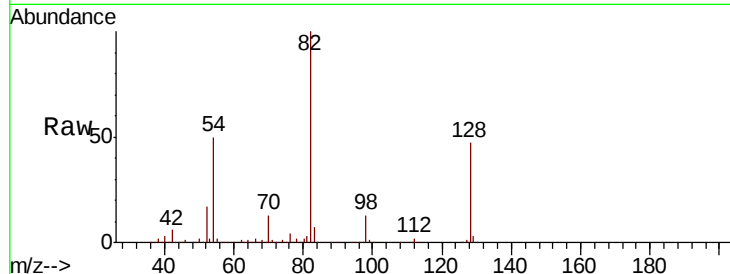
#23
 Nitrobenzene-d5
 Concen: 85.628 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF121480.D
 Acq: 31 Aug 2020 16:28

Instrument :
 BNA_F
 ClientSampled :
 12018

Tot Ion	82	Resp	1421771
Ion Ratio	100	Lower	Upper
128	46.9	34.1	51.1
54	50.3	41.0	61.6

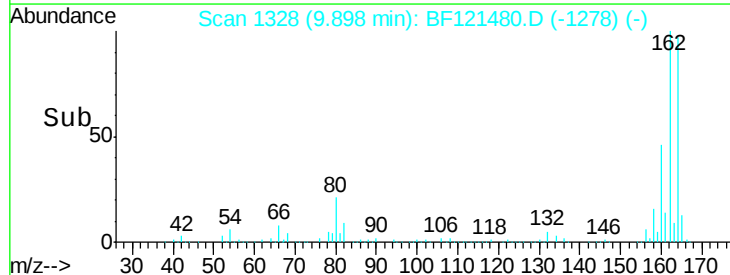
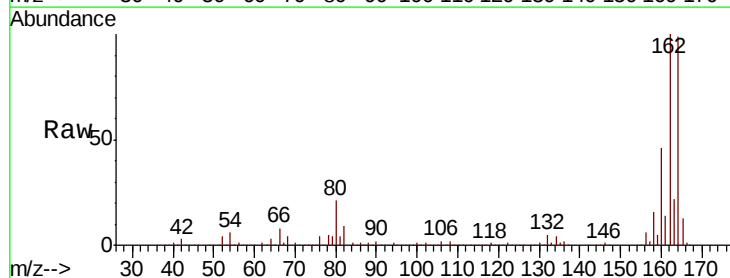
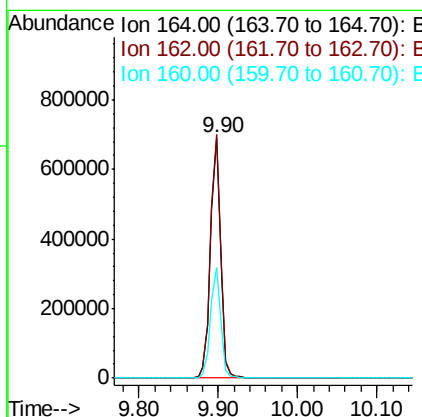
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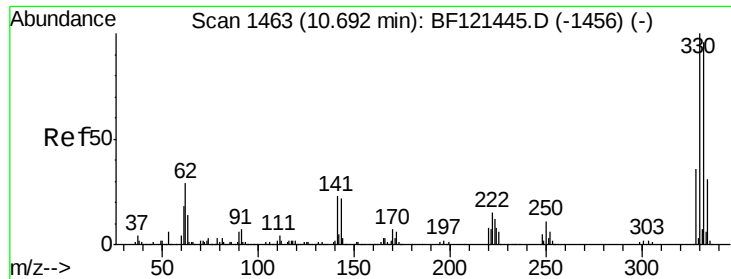
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF121480.D
 Acq: 31 Aug 2020 16:28

Tgt Ion	164	Resp	611068
Ion Ratio	100	Lower	Upper
162	101.5	82.4	123.6
160	46.2	37.6	56.4





#42

2,4,6-Tribromophenol

Concen: 107.041 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF121480.D

Acq: 31 Aug 2020 16:28

Instrument :

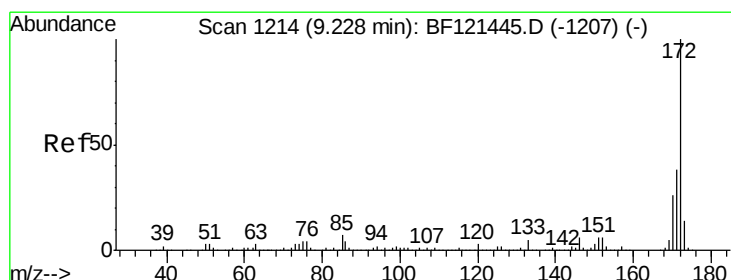
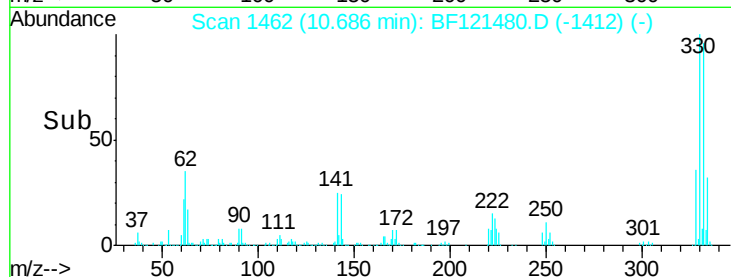
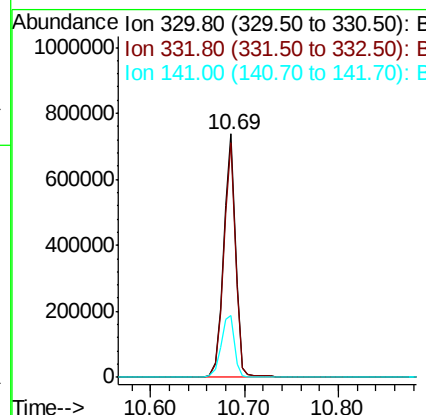
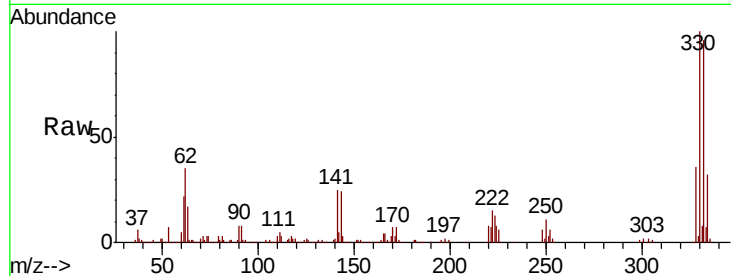
BNA_F

ClientSampled :
12018

Tot Ion:	330	Resp:	660667
Ion Ratio	Lower	Upper	
330	100		
332	96.1	76.2	114.2
141	29.2	24.6	36.8

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#45

2-Fluorobiphenyl

Concen: 68.175 ng

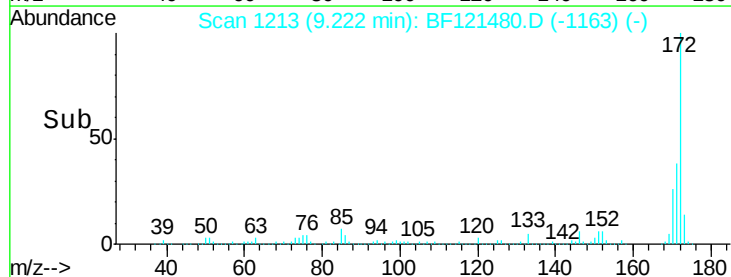
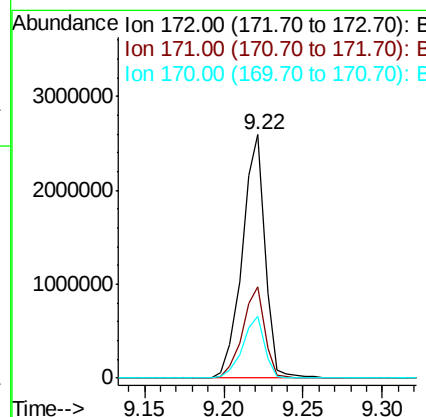
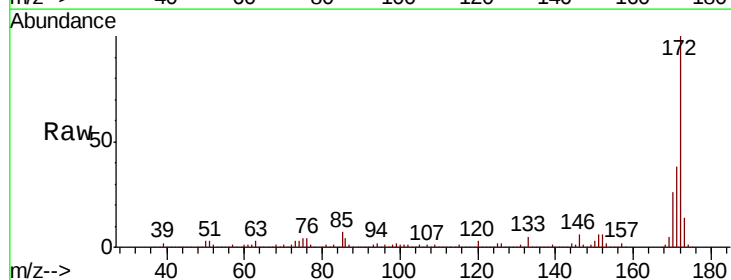
RT: 9.22 min Scan# 1213

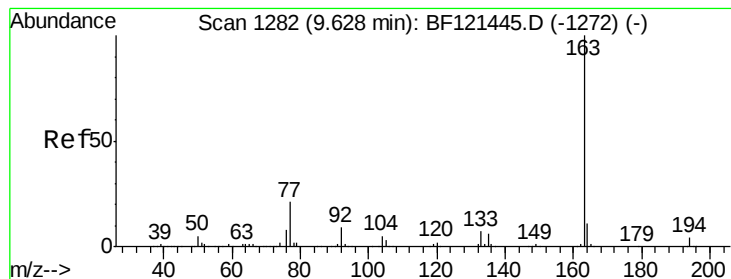
Delta R.T. -0.01 min

Lab File: BF121480.D

Acq: 31 Aug 2020 16:28

Tgt Ion:	172	Resp:	2581883
Ion Ratio	Lower	Upper	
172	100		
171	37.5	30.6	45.8
170	25.7	20.6	31.0





#50

Dimethylphthalate

Concen: 3.641 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF121480.D

Acq: 31 Aug 2020 16:28

Instrument :

BNA_F

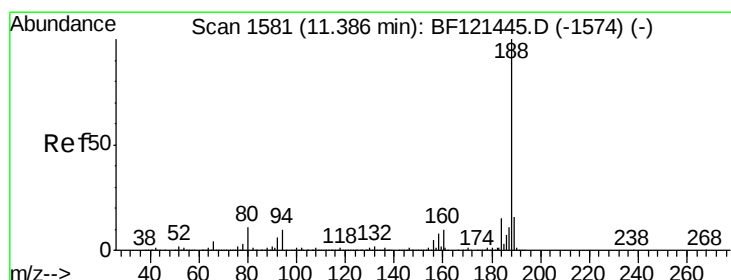
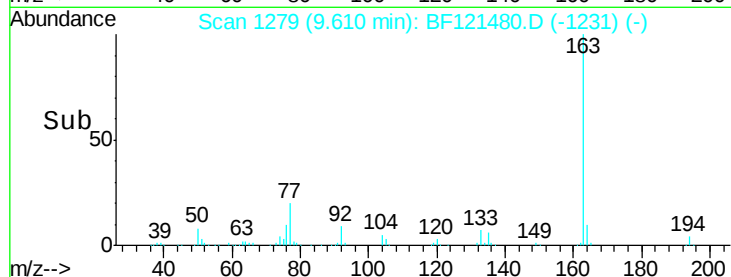
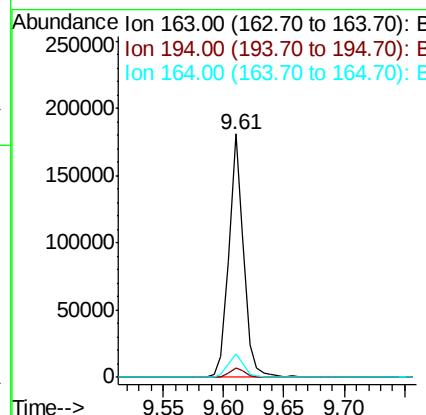
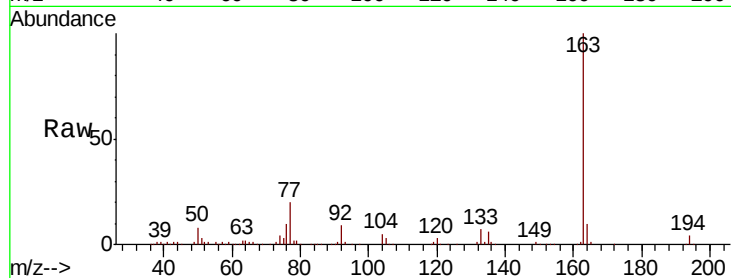
ClientSampleId :

12018

Tot Ion:	163	Resp:	152818
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.3	4.9
164	9.7	8.6	12.8

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#64

Phenanthrene-d10

Concen: 20.000 ng

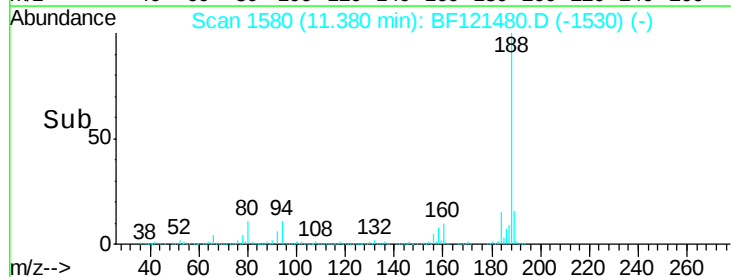
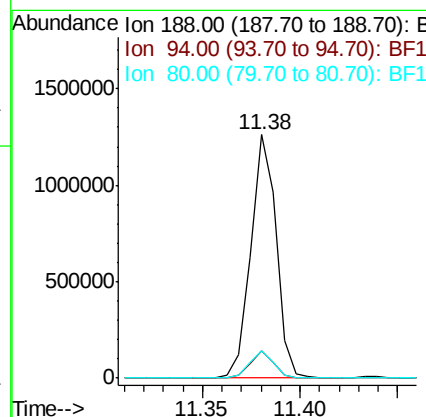
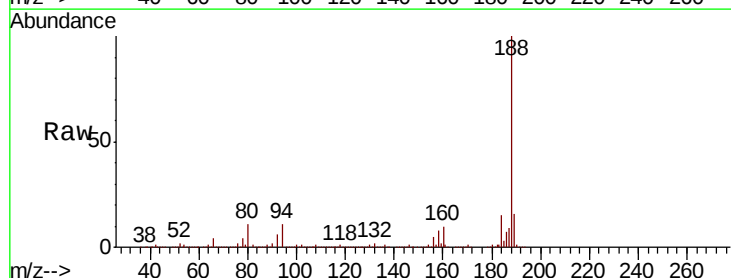
RT: 11.38 min Scan# 1580

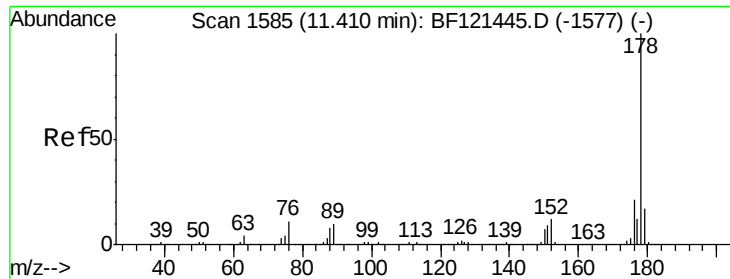
Delta R.T. -0.01 min

Lab File: BF121480.D

Acq: 31 Aug 2020 16:28

Tgt Ion:	188	Resp:	1140186
Ion Ratio	Lower	Upper	
188	100		
94	11.0	8.3	12.5
80	11.3	8.6	13.0





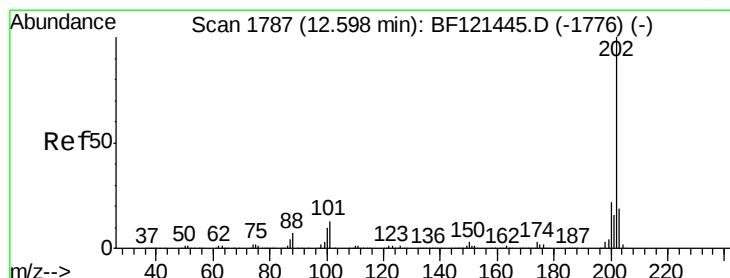
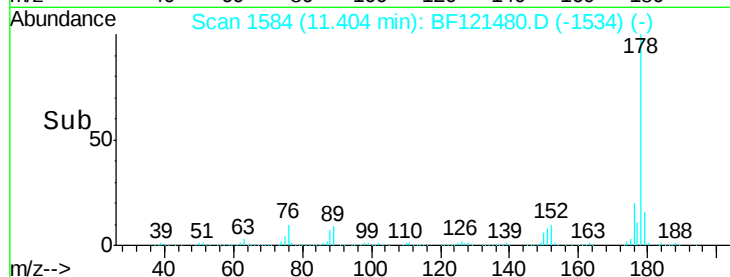
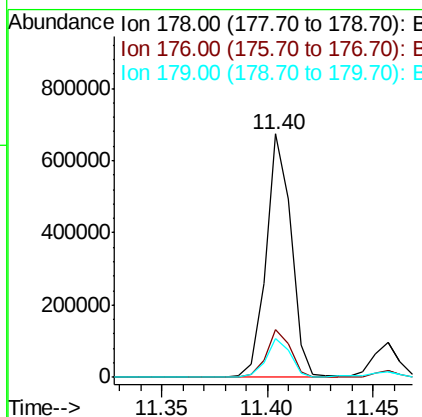
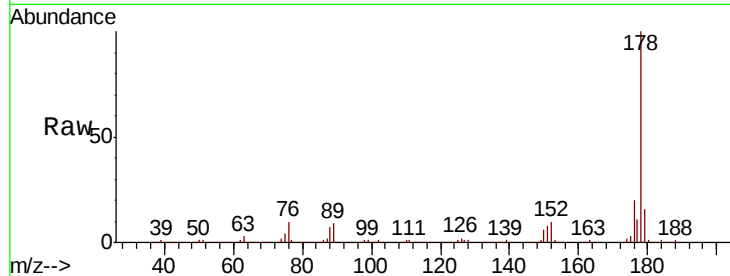
#71
Phenanthrene
Concen: 9.504 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF121480.D
Acq: 31 Aug 2020 16:28

Instrument :
BNA_F
ClientSampleId :
12018

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.9	25.3
179	15.8	13.4	20.0

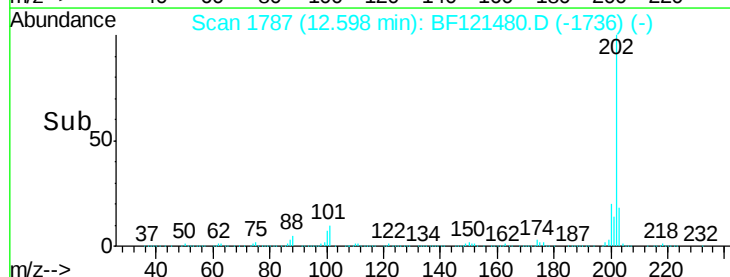
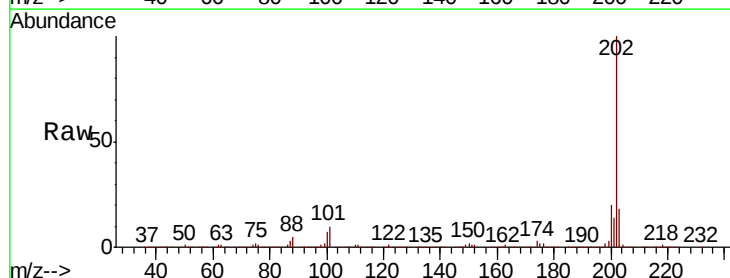
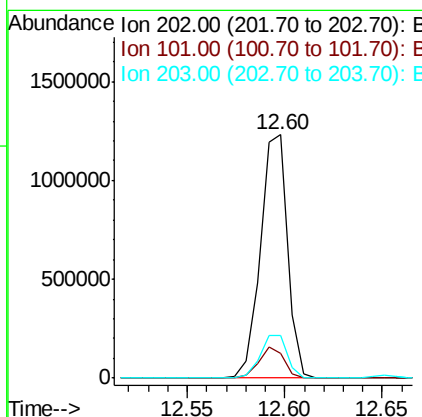
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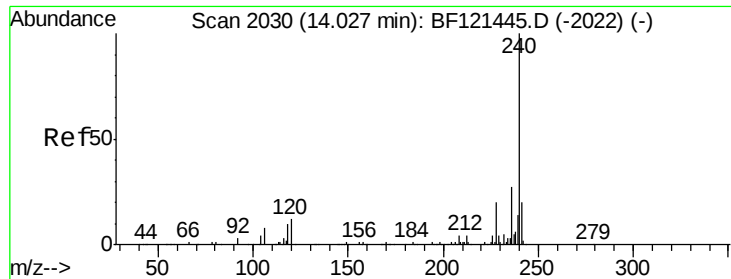
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#75
Fluoranthene
Concen: 18.678 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BF121480.D
Acq: 31 Aug 2020 16:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	33.3
203	17.6	0.0	39.1





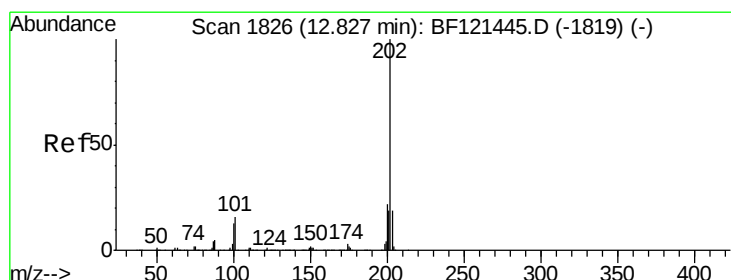
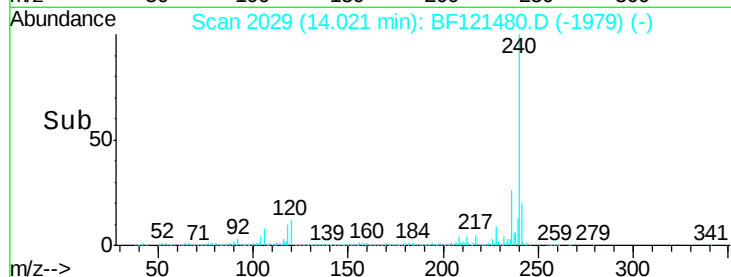
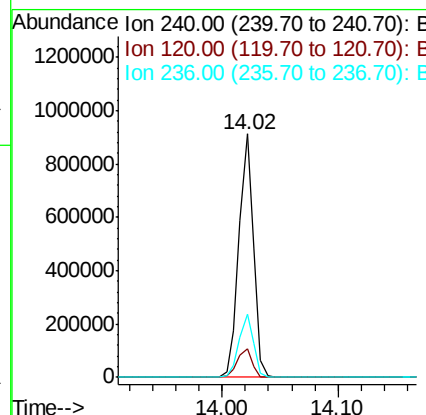
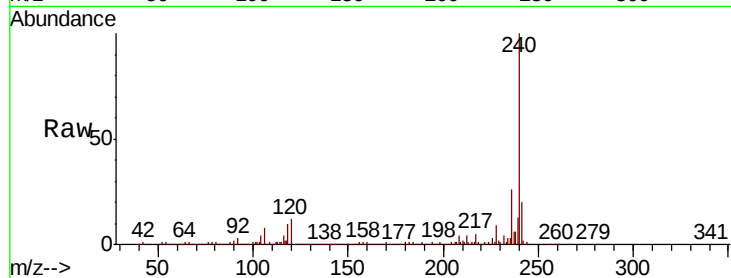
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF121480.D
Acq: 31 Aug 2020 16:28

Instrument :
BNA_F
ClientSampleId :
12018

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	26.2	21.8	32.6

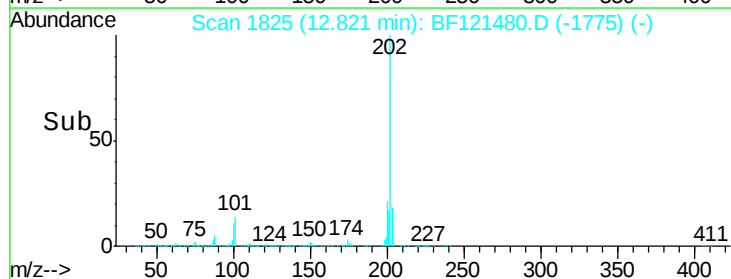
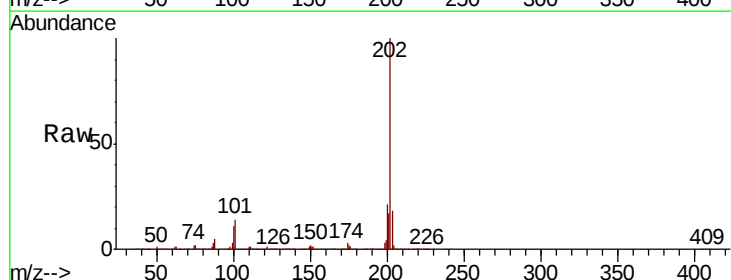
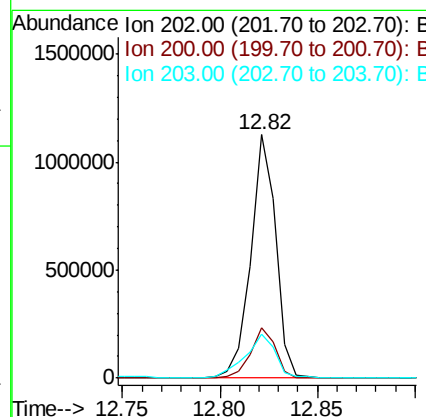
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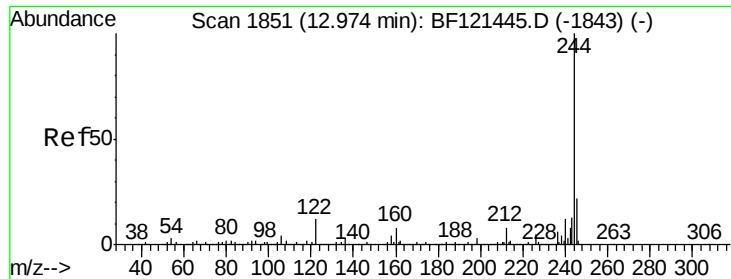
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#78
Pyrene
Concen: 17.415 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF121480.D
Acq: 31 Aug 2020 16:28

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	18.0	27.0
203	18.1	15.3	22.9





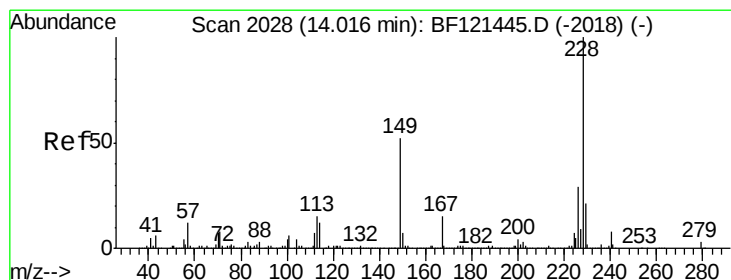
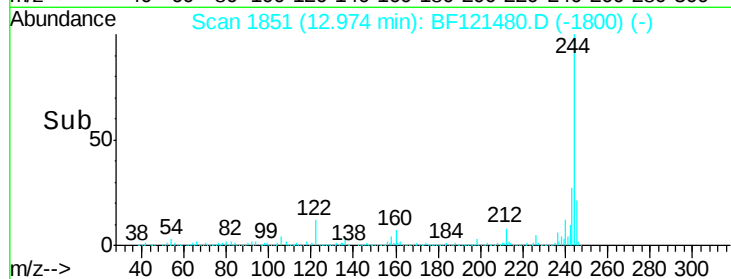
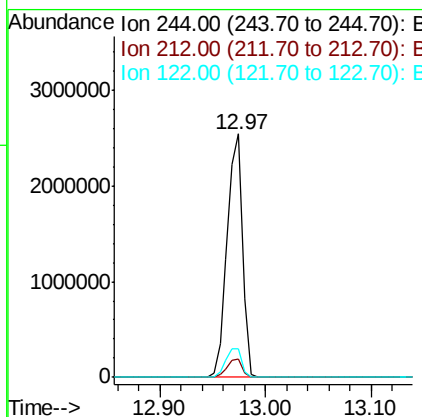
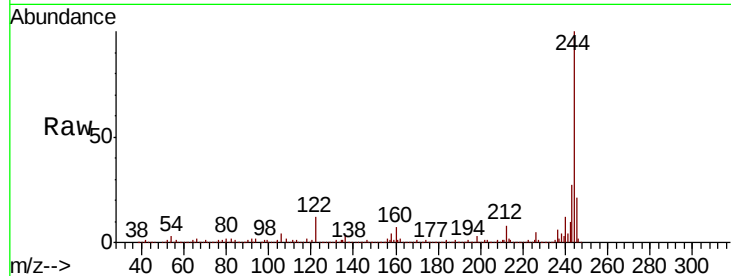
#79
 Terphenyl-d14
 Concen: 67.606 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BF121480.D
 Acq: 31 Aug 2020 16:28

Instrument :
 BNA_F
 ClientSampled :
 12018

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.3	9.5
122	11.8	9.5	14.3

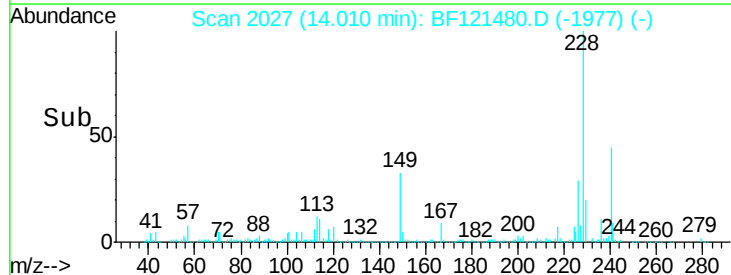
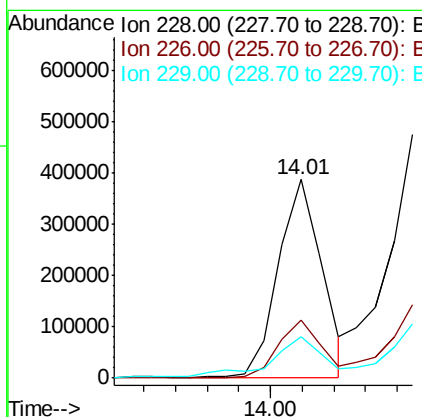
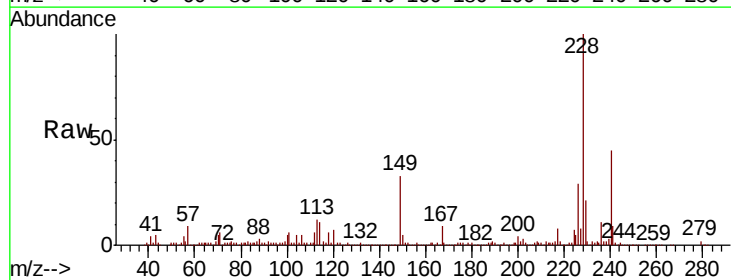
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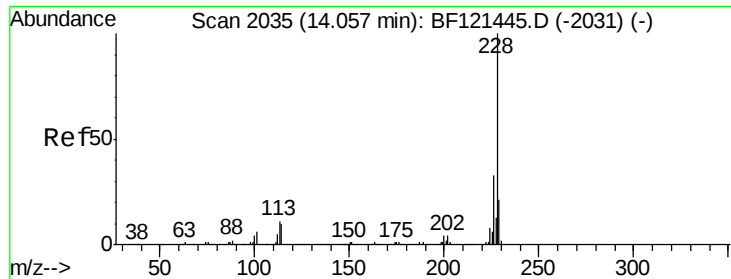
mohammad
 9/2/2020 1:55:52 PM



#81
 Benzo(a)anthracene
 Concen: 7.525 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF121480.D
 Acq: 31 Aug 2020 16:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.4
229	21.1	16.6	24.8





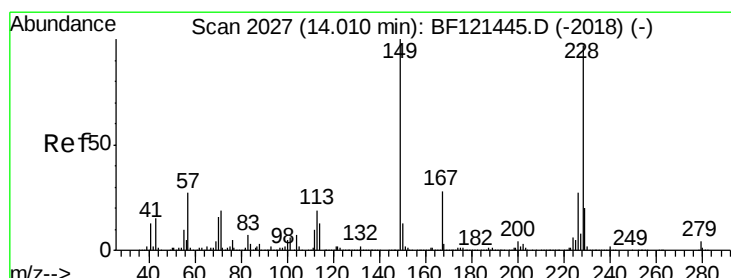
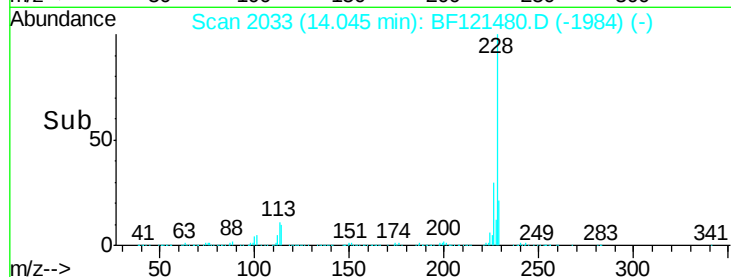
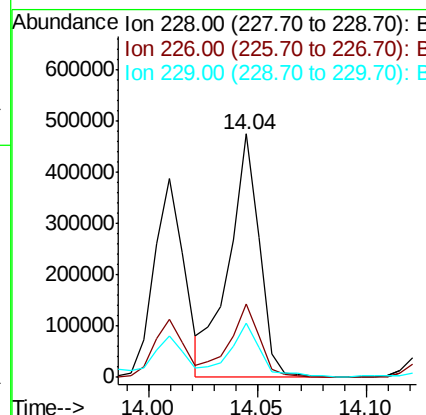
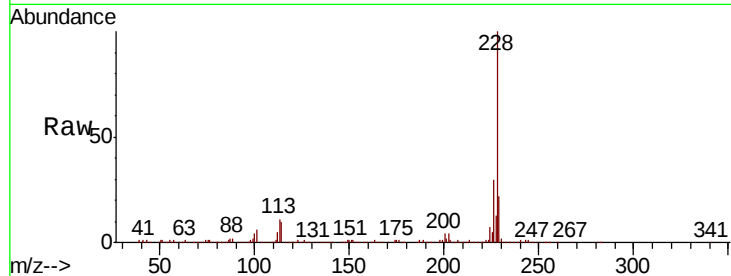
#83
Chrysene
Concen: 9.472 ng/ml
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF121480.D
Acq: 31 Aug 2020 16:28

Instrument :
BNA_F
ClientSampleId :
12018

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	26.2	39.2
229	22.1	16.6	25.0

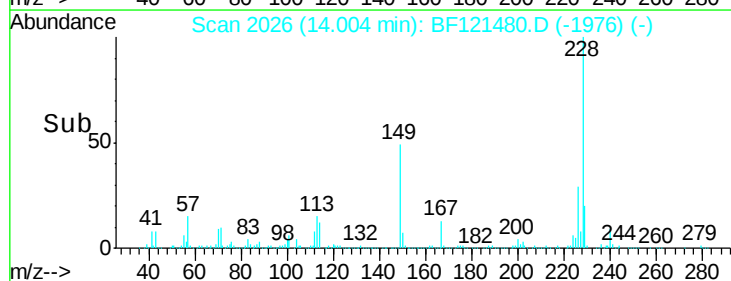
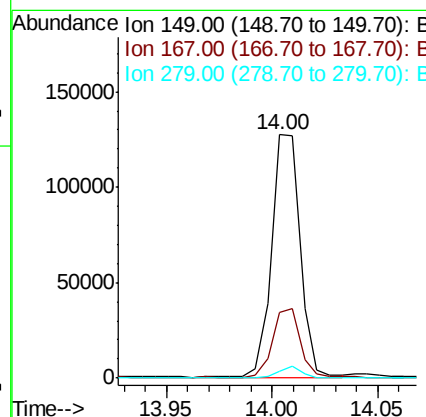
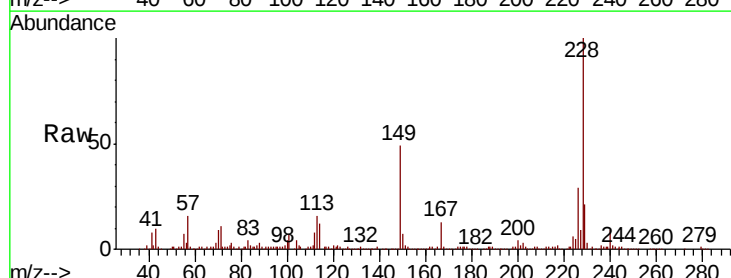
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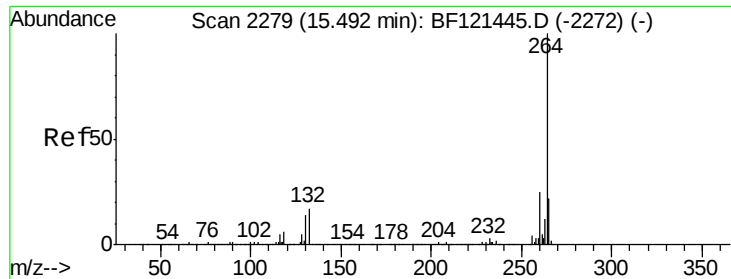
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 4.204 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF121480.D
Acq: 31 Aug 2020 16:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.6	34.0
279	2.9	3.3	4.9#





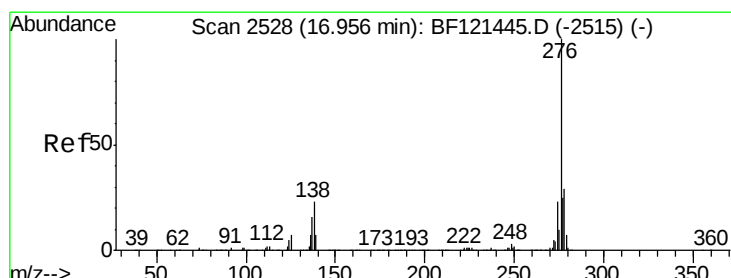
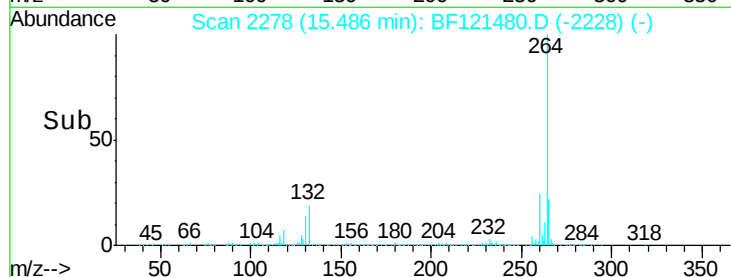
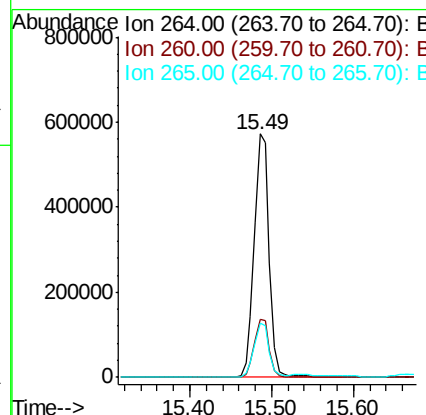
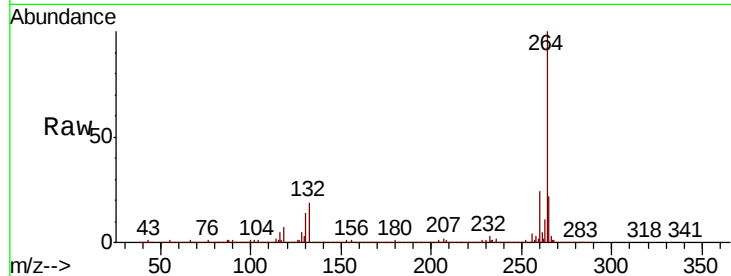
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF121480.D
Acq: 31 Aug 2020 16:28

Instrument :
BNA_F
ClientSampleId :
12018

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	22.2	17.8	26.6

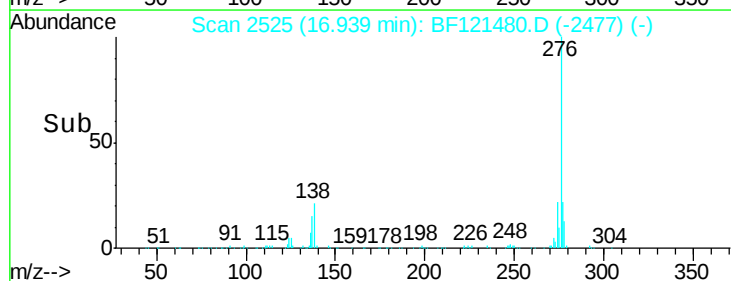
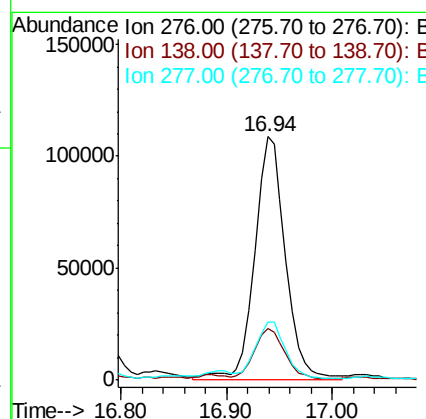
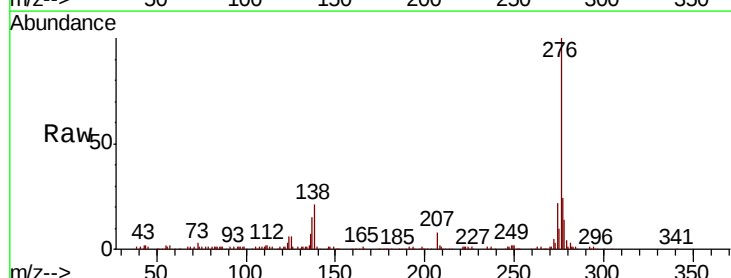
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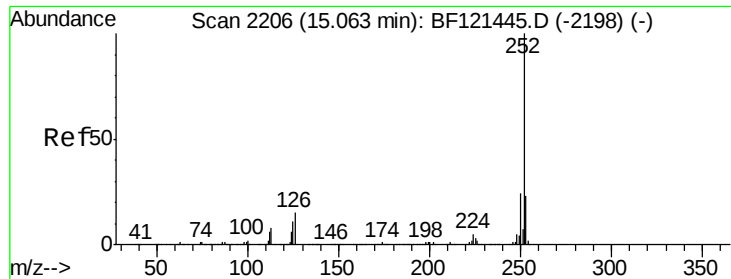
mohammad
9/2/2020 1:55:52 PM



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.945 ng m
RT: 16.94 min Scan# 2525
Delta R.T. -0.02 min
Lab File: BF121480.D
Acq: 31 Aug 2020 16:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	4.5	20.6	31.0#
277	4.2	20.5	30.7#





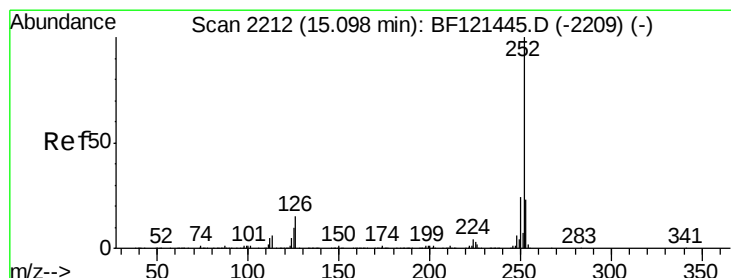
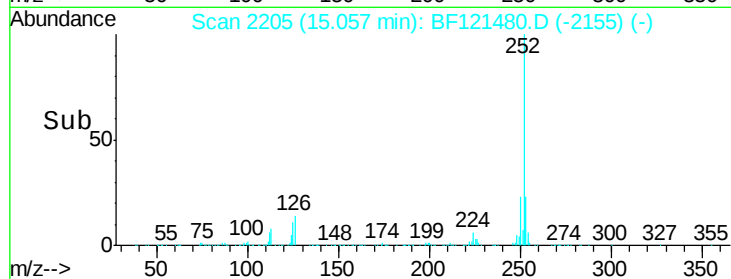
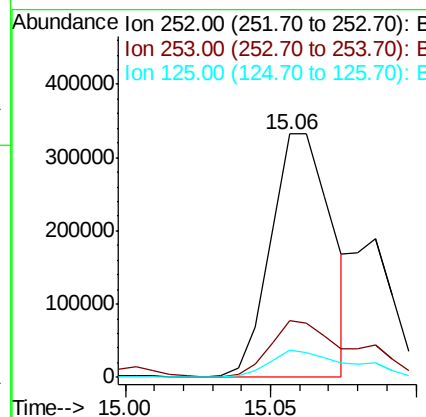
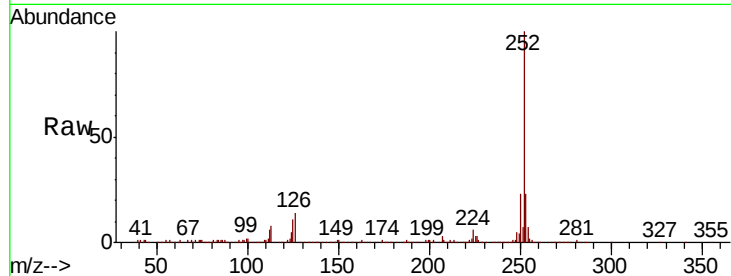
#88
Benzo(b)fluoranthene
Concen: 10.223 ng m
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF121480.D
Acq: 31 Aug 2020 16:28

Instrument :
BNA_F
ClientSampled :
12018

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.3	27.5
125	11.4	9.2	13.8

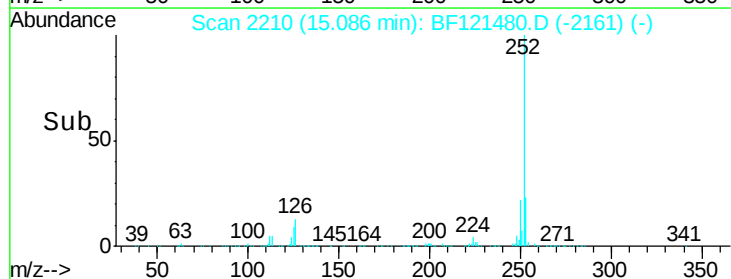
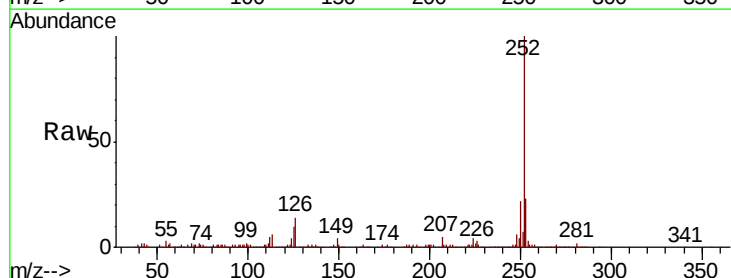
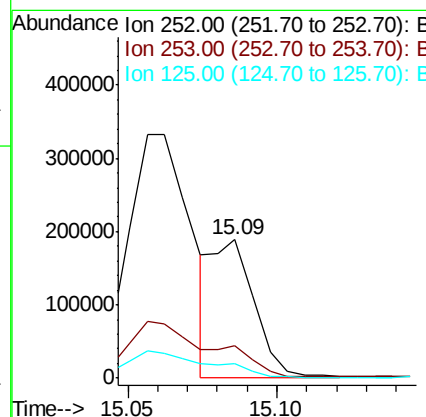
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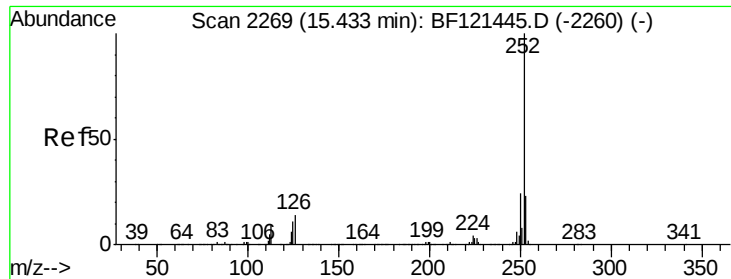
mohammad
9/2/2020 1:55:52 PM



#89
Benzo(k)fluoranthene
Concen: 4.216 ng m
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF121480.D
Acq: 31 Aug 2020 16:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.3	27.5
125	10.2	8.5	12.7





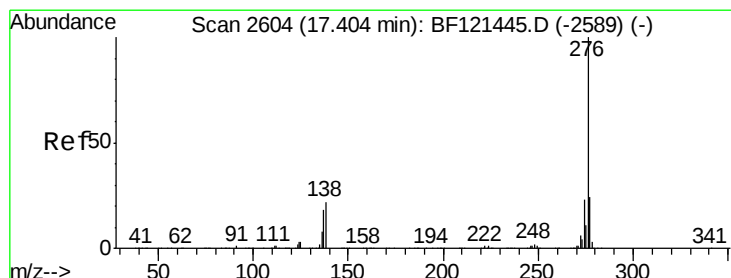
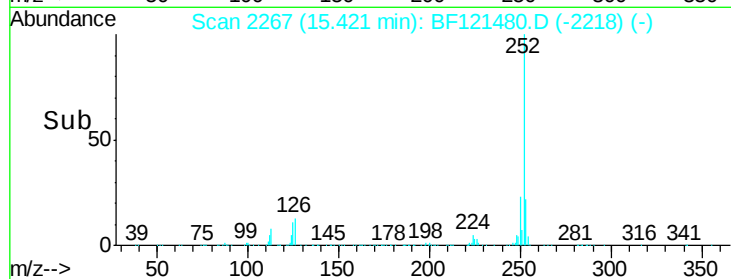
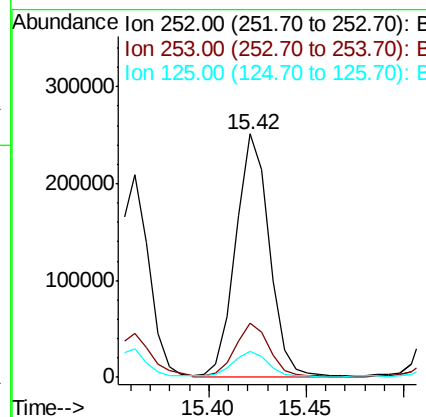
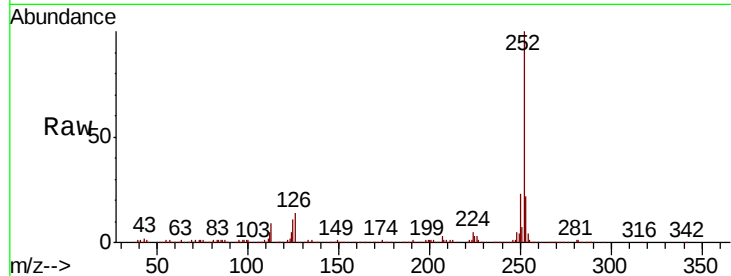
#90
Benzo(a)pyrene
Concen: 7.047 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF121480.D
Acq: 31 Aug 2020 16:28

Instrument :
BNA_F
ClientSampleId :
12018

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.9	9.0	13.4

Manual Integrations
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9/2/2020 1:55:52 PM



#92
Benzo(g,h,i)perylene
Concen: 5.808 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.02 min
Lab File: BF121480.D
Acq: 31 Aug 2020 16:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.9	28.3
138	22.0	17.4	26.0

