

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
 Data File : BF121471.D
 Acq On : 28 Aug 2020 21:05
 Operator : JU/CG
 Sample : L3837-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 789UMR-TP06-0006-01

Manual Integrations
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mohammad
 8/31/2020 10:27:43 AM

Quant Time: Aug 29 01:36:40 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	311855	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1225016	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	627814	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	1164855	20.00	ng	0.00
76) Chrysene-d12	14.02	240	764257	20.00	ng	0.00
86) Perylene-d12	15.49	264	717416	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1530031	82.31	ng	0.00
7) Phenol-d6	6.48	99	1997811	76.91	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1273630	71.08	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	576322	90.88	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2248732	57.79	ng	0.00
79) Terphenyl-d14	12.97	244	2117323	58.32	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.61	163	203173	4.711	ng	98
71) Phenanthrene	11.40	178	338632	5.665	ng	97
75) Fluoranthene	12.59	202	814291	12.639	ng	97
78) Pyrene	12.82	202	659957	12.091	ng	96
81) Benzo(a)anthracene	14.01	228	270547	5.799	ng	98
83) Chrysene	14.04	228	313563	6.718	ng	96
87) Indeno(1,2,3-cd)pyrene	16.94	276	194747	4.412	ng	94
88) Benzo(b)fluoranthene	15.06	252	395109m	8.466	ng	
89) Benzo(k)fluoranthene	15.09	252	136341m	3.141	ng	
90) Benzo(a)pyrene	15.42	252	258143	6.152	ng	100
92) Benzo(g,h,i)perylene	17.38	276	185846	5.339	ng	100

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

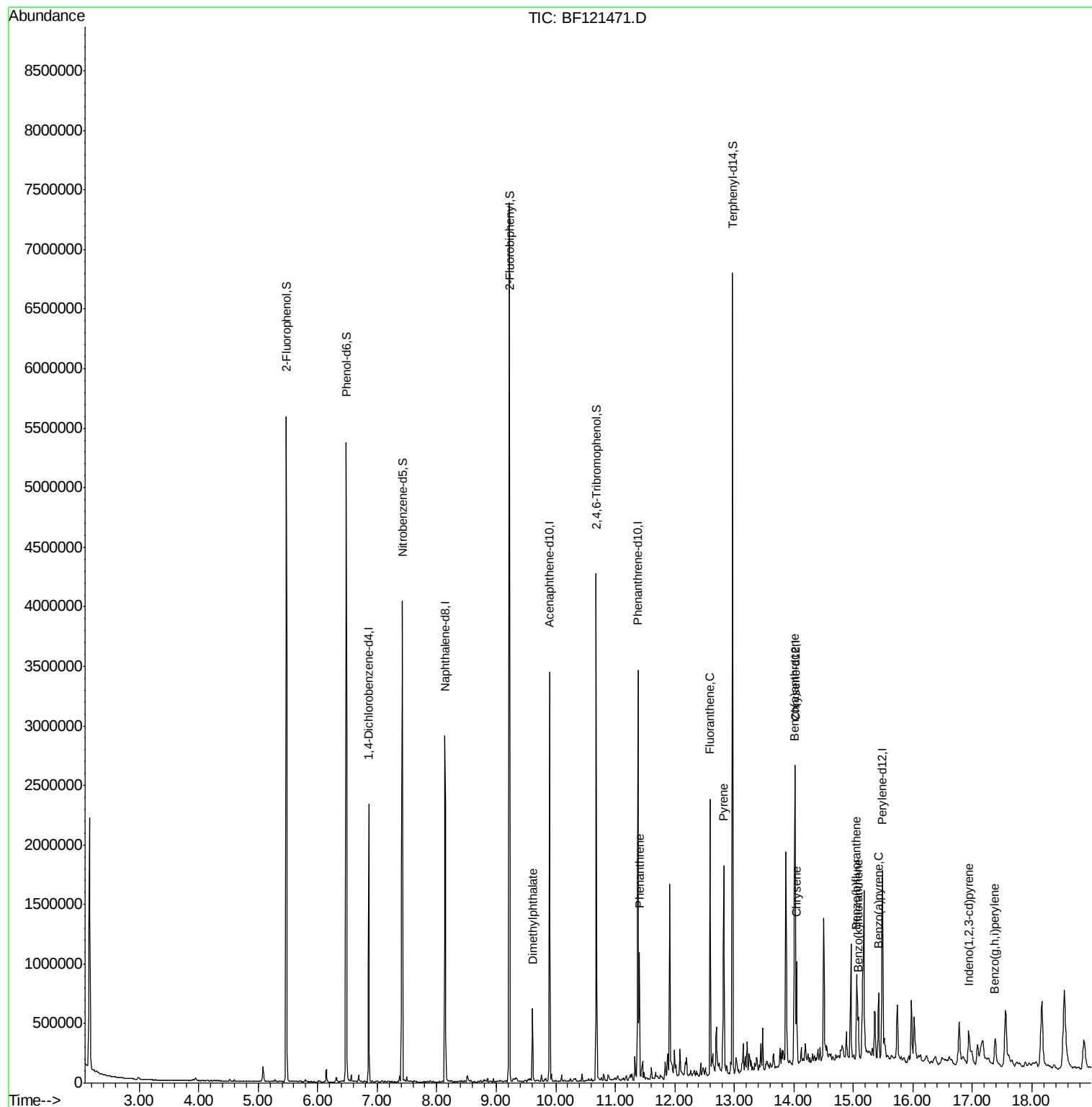
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Data File : BF121471.D
Acq On : 28 Aug 2020 21:05
Operator : JU/CG
Sample : L3837-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

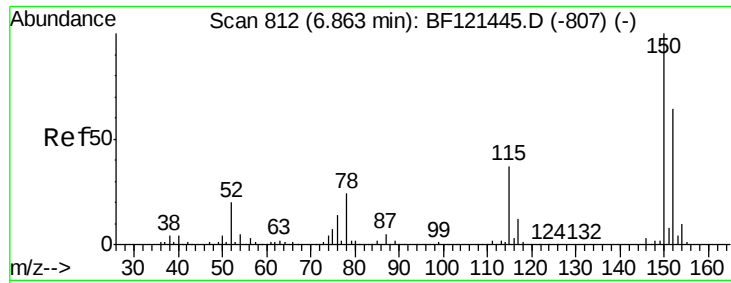
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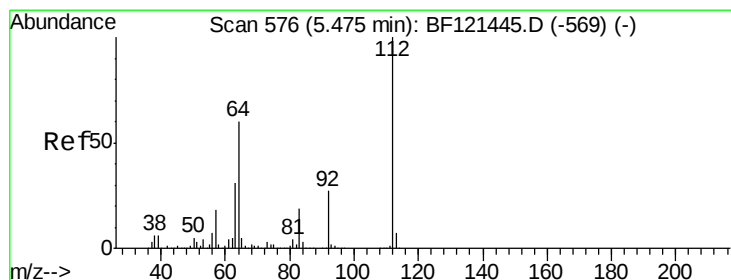
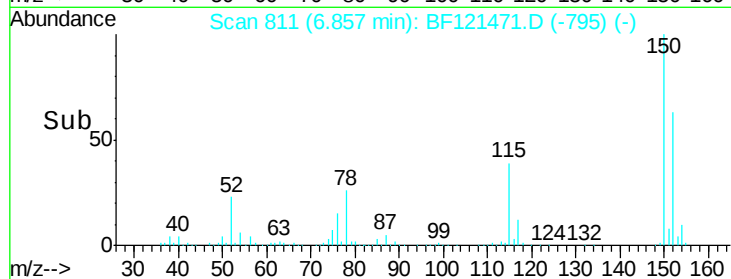
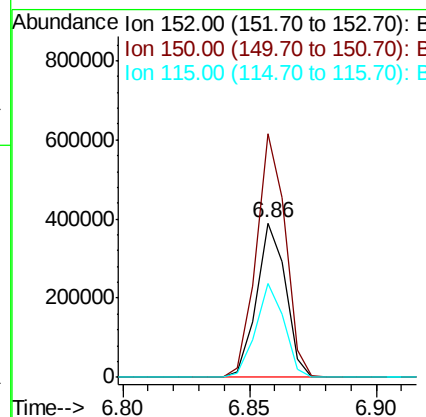
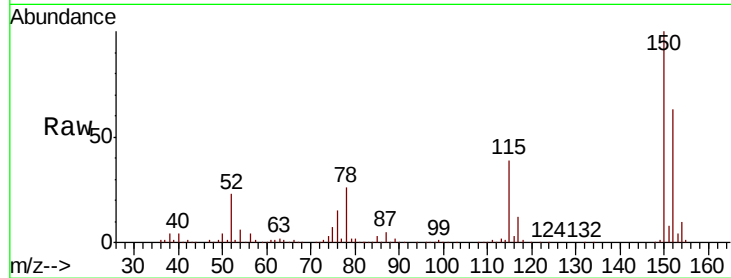
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF121471.D
 Acq: 28 Aug 2020 21:05

Instrument :
 BNA_F
 ClientSampleId :
 789UMR-TP06-0006-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	125.8	188.6
115	61.2	46.6	69.8

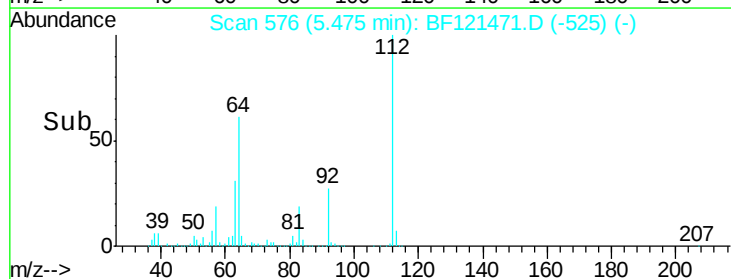
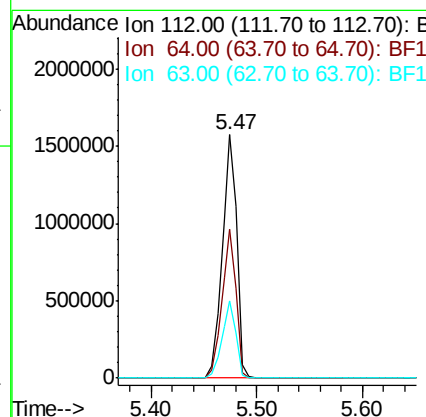
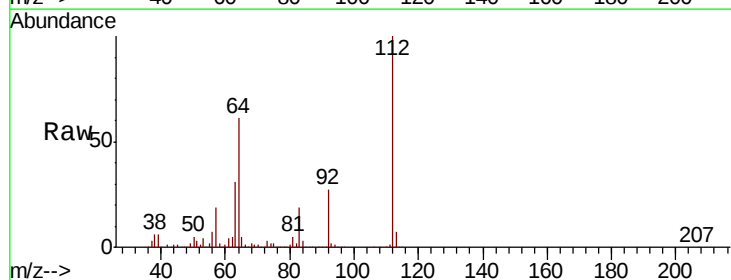
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#5
 2-Fluorophenol
 Concen: 82.314 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.00 min
 Lab File: BF121471.D
 Acq: 28 Aug 2020 21:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	48.2	72.2
63	31.5	24.8	37.2





#7

Phenol-d6

Concen: 76.910 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF121471.D

Acq: 28 Aug 2020 21:05

Instrument :

BNA_F

ClientSampleId :

789UMR-TP06-0006-01

Tot Ion: 99 Resp: 1997811

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

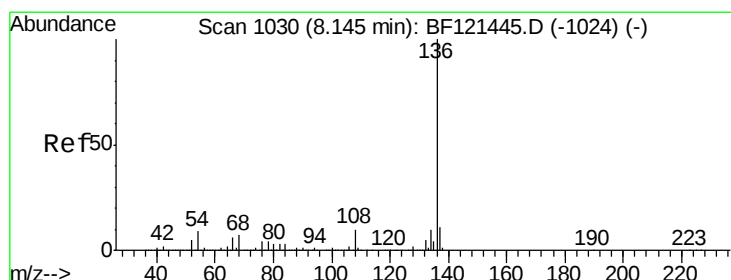
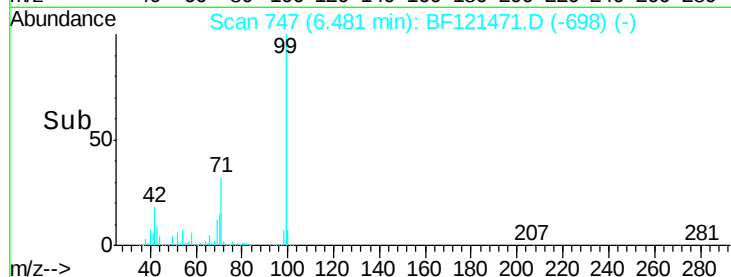
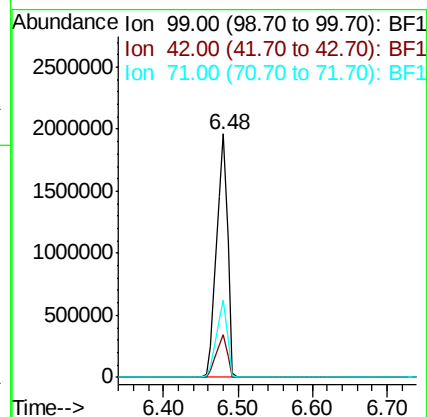
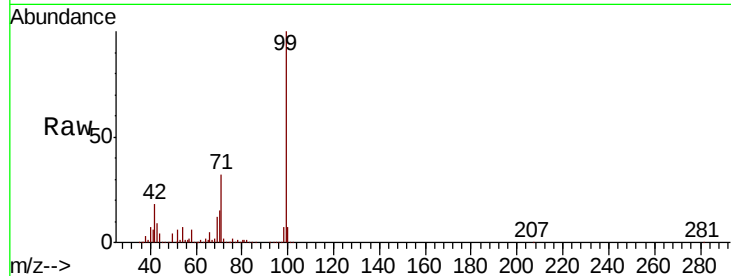
71 31.8 24.6 37.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF121471.D

Acq: 28 Aug 2020 21:05

Tgt Ion: 136 Resp: 1225016

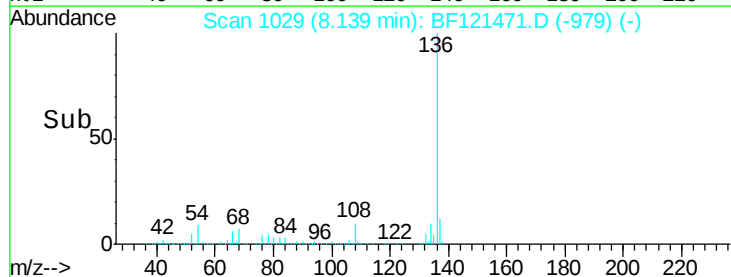
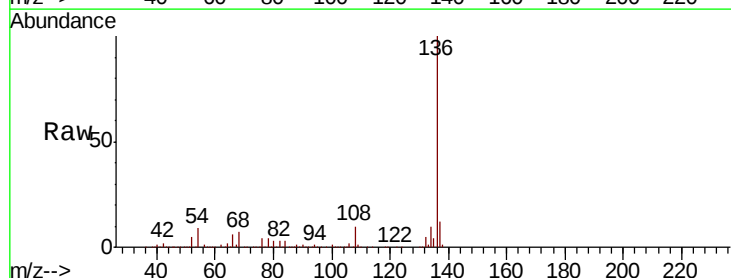
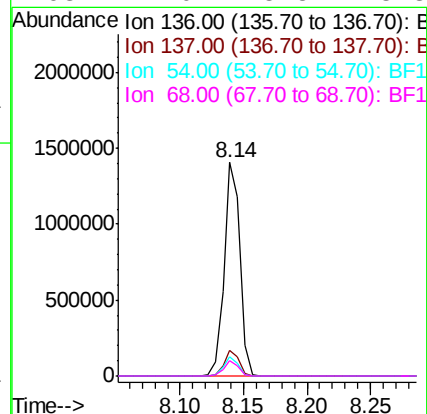
Ion Ratio Lower Upper

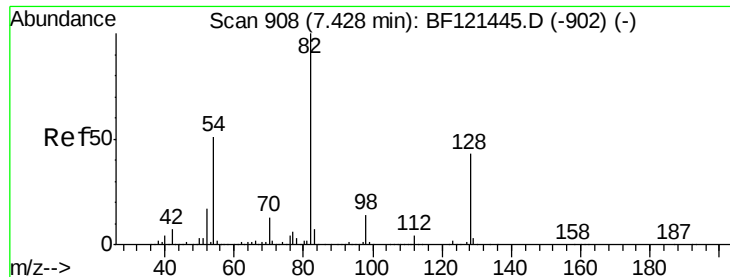
136 100

137 11.8 9.1 13.7

54 8.9 7.0 10.4

68 7.0 5.5 8.3





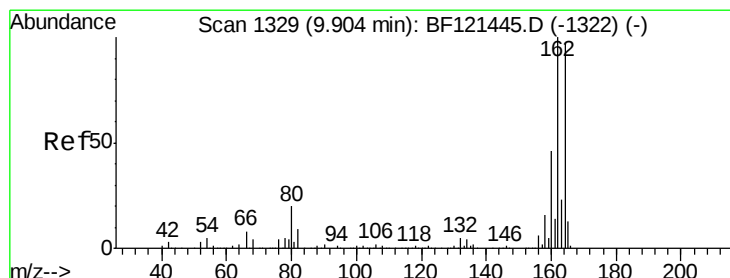
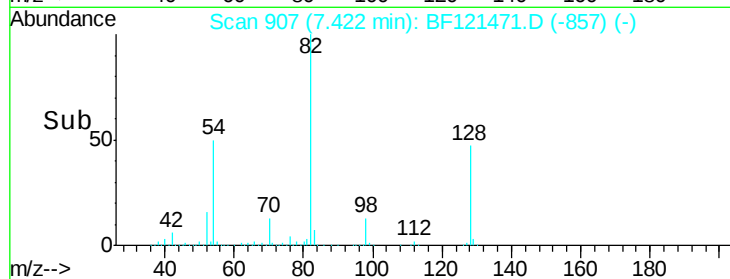
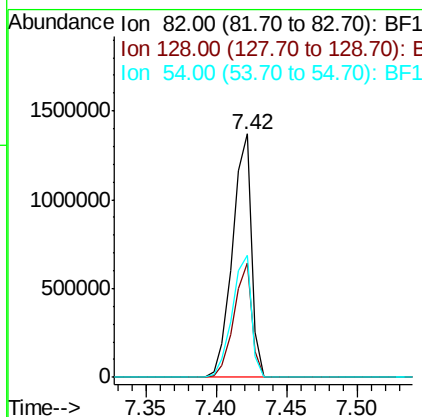
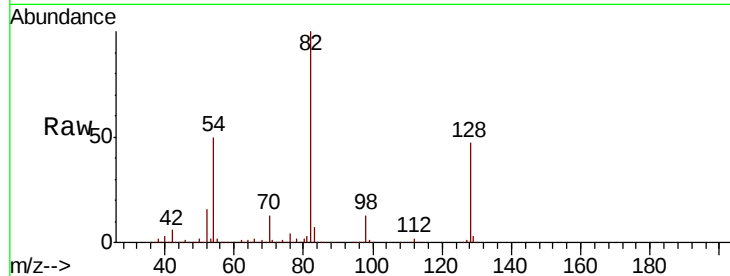
#23
 Nitrobenzene-d5
 Concen: 71.079 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF121471.D
 Acq: 28 Aug 2020 21:05

Instrument :
 BNA_F
 ClientSampleId :
 789UMR-TP06-0006-01

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.1	51.1
54	50.0	41.0	61.6

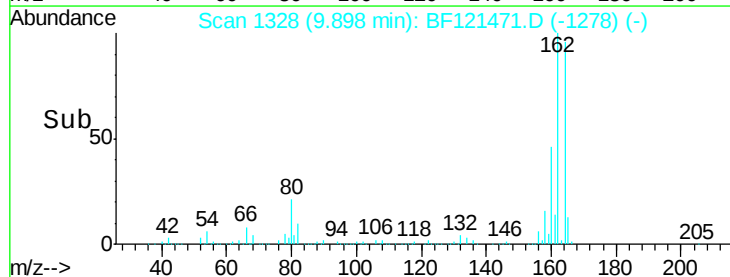
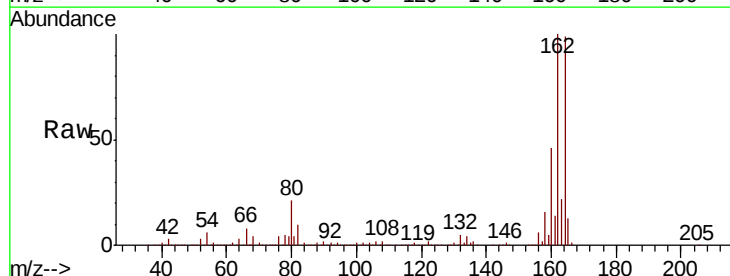
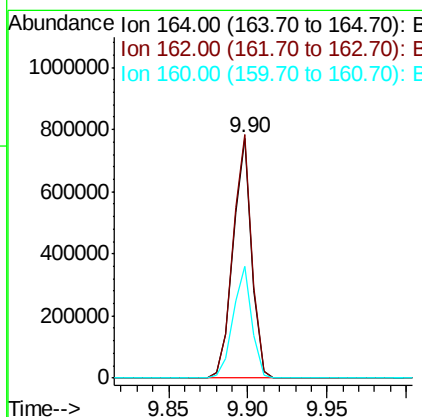
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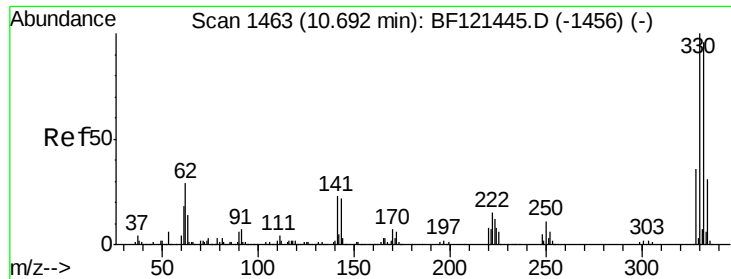
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF121471.D
 Acq: 28 Aug 2020 21:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.4	123.6
160	46.4	37.6	56.4





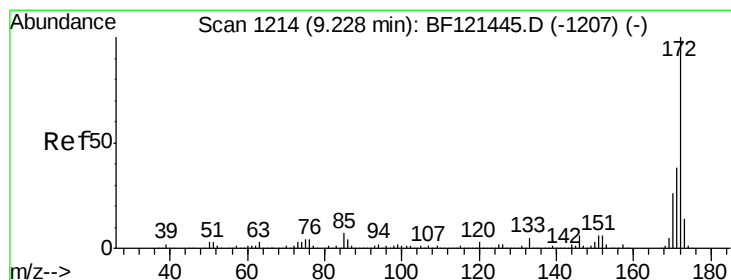
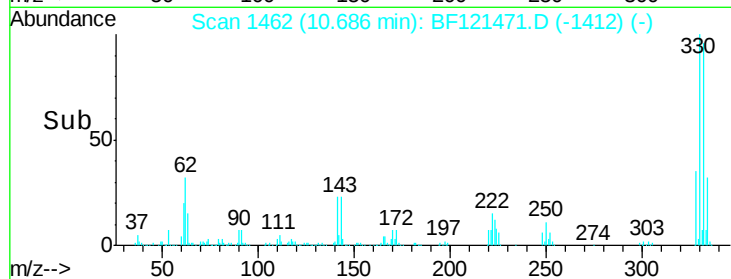
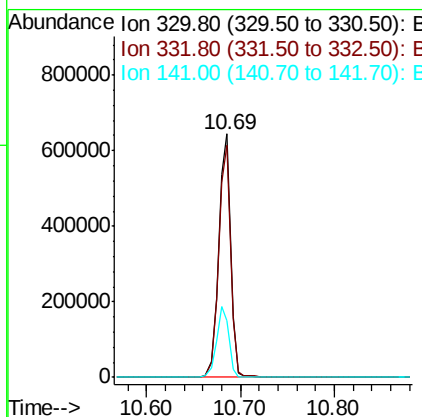
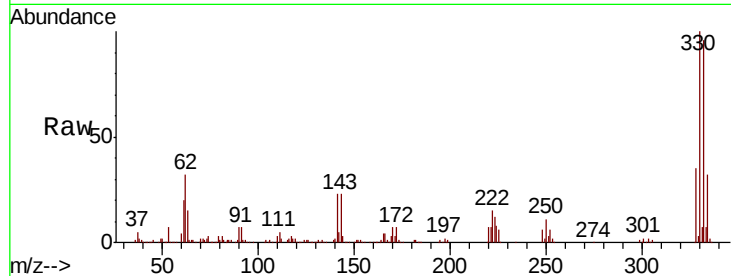
#42
 2,4,6-Tribromophenol
 Concen: 90.885 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF121471.D
 Acq: 28 Aug 2020 21:05

Instrument :
 BNA_F
 ClientSampleId :
 789UMR-TP06-0006-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.2	114.2
141	30.4	24.6	36.8

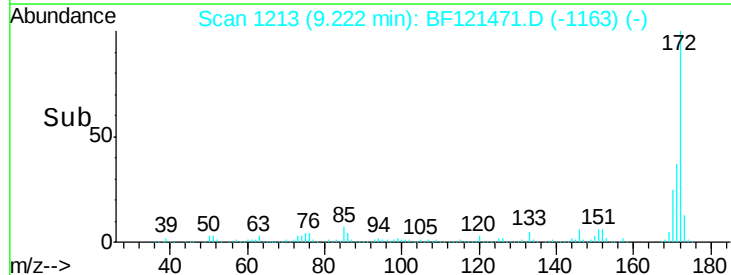
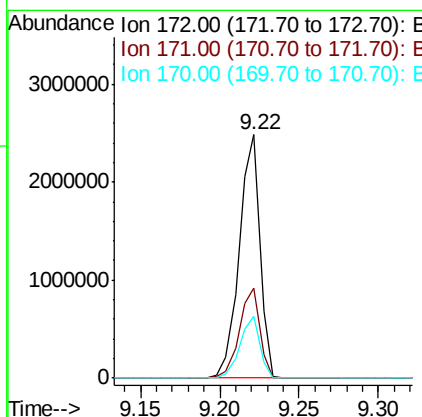
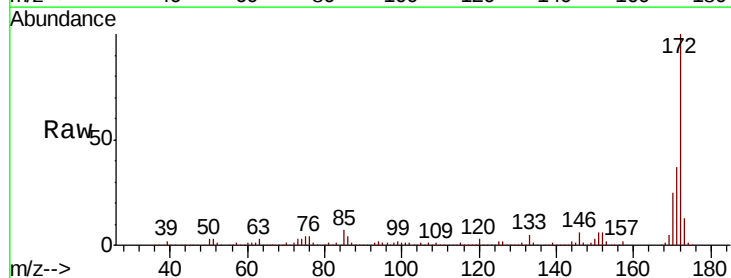
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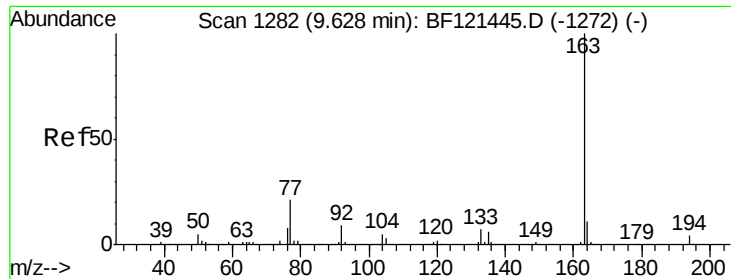
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#45
 2-Fluorobiphenyl
 Concen: 57.794 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF121471.D
 Acq: 28 Aug 2020 21:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.6	45.8
170	25.3	20.6	31.0





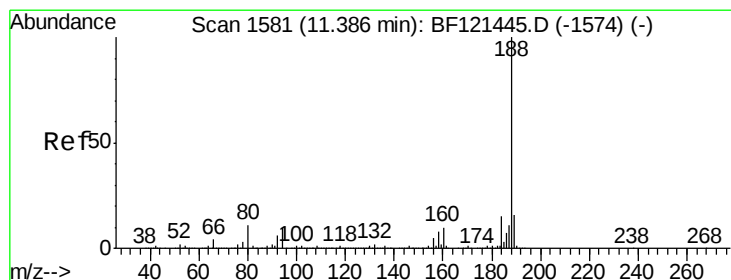
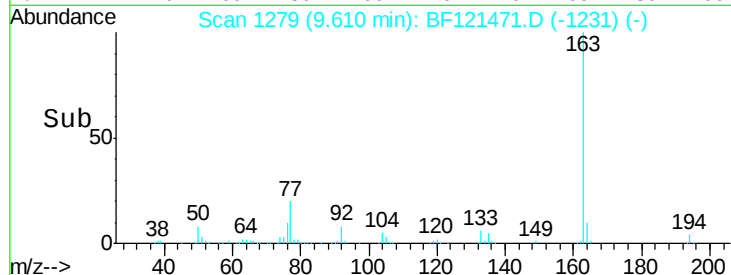
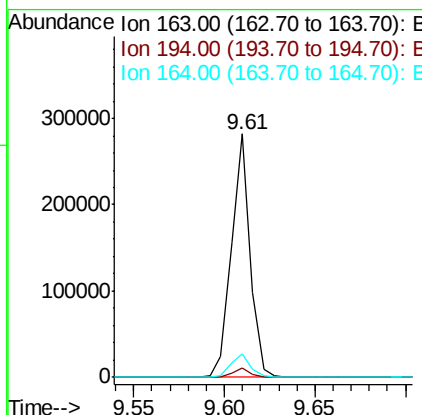
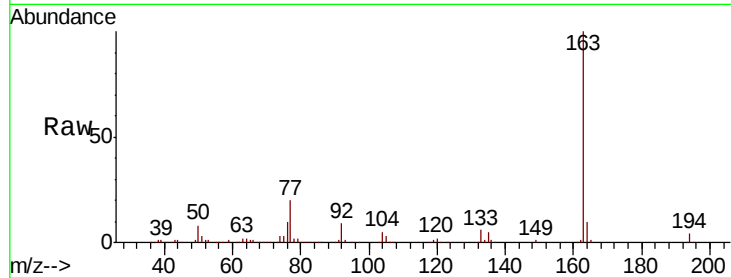
#50
Dimethylphthalate
Concen: 4.711 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF121471.D
Acq: 28 Aug 2020 21:05

Instrument :
BNA_F
ClientSampleId :
789UMR-TP06-0006-01

Tot Ion	Ratio	Resp	Lower	Upper
163	100	203173		
194	3.9		3.3	4.9
164	9.9		8.6	12.8

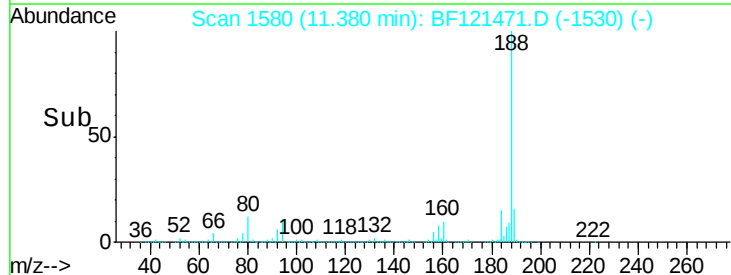
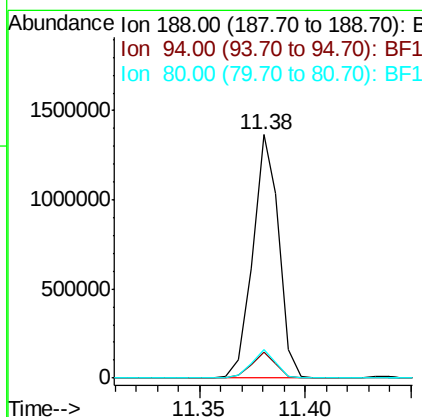
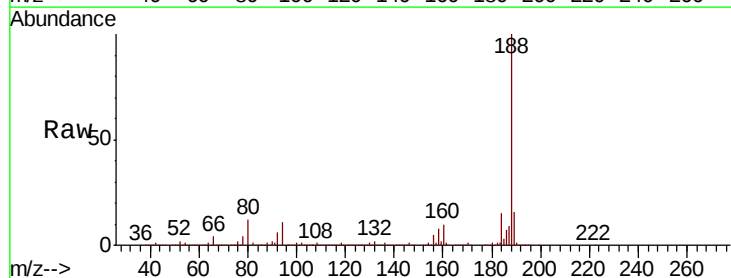
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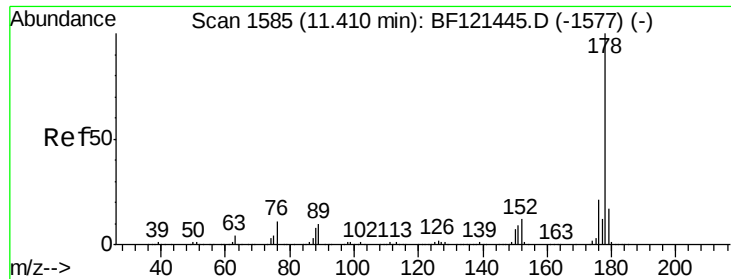
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF121471.D
Acq: 28 Aug 2020 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1164855		
94	10.9		8.3	12.5
80	11.6		8.6	13.0





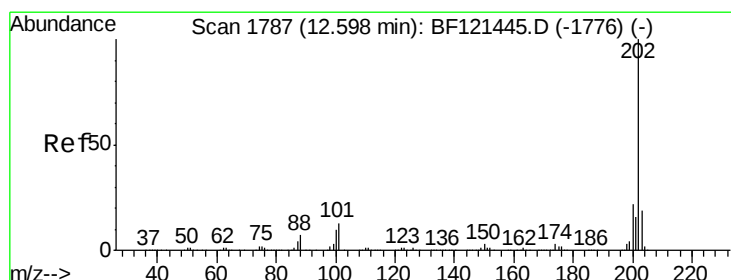
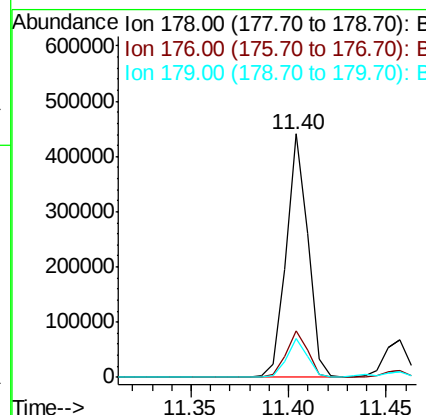
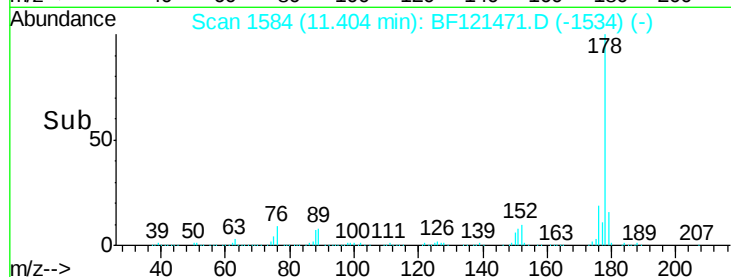
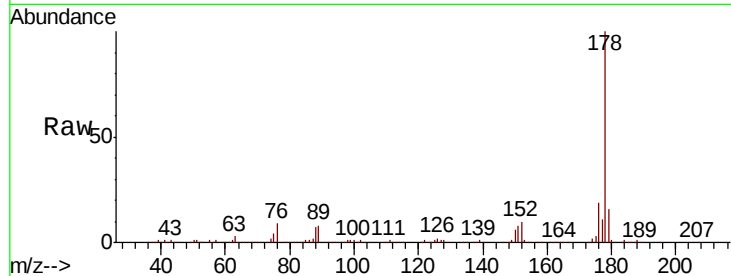
#71
Phenanthrene
Concen: 5.665 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF121471.D
Acq: 28 Aug 2020 21:05

Instrument :
BNA_F
ClientSampleId :
789UMR-TP06-0006-01

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.9	25.3
179	15.8	13.4	20.0

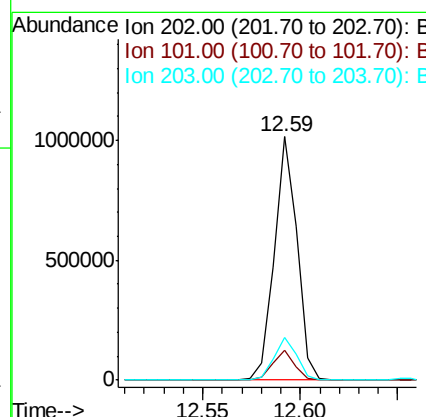
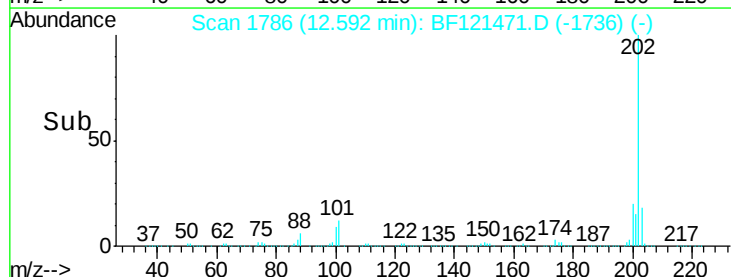
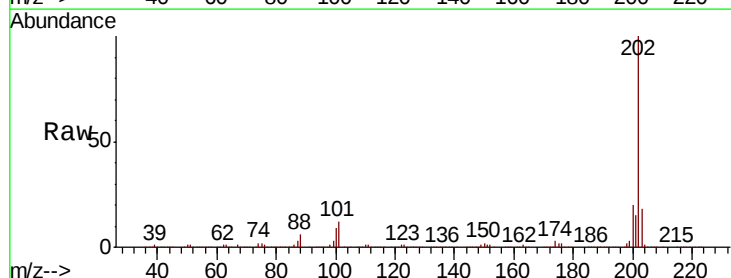
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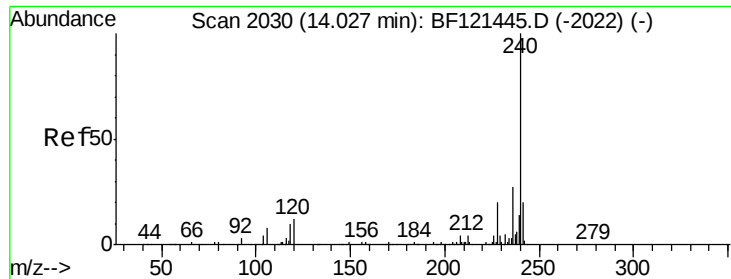
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#75
Fluoranthene
Concen: 12.639 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF121471.D
Acq: 28 Aug 2020 21:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	33.3
203	17.7	0.0	39.1





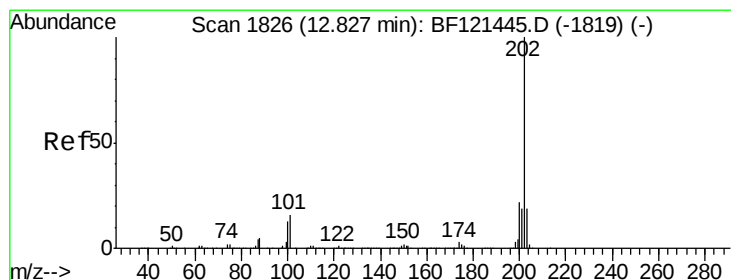
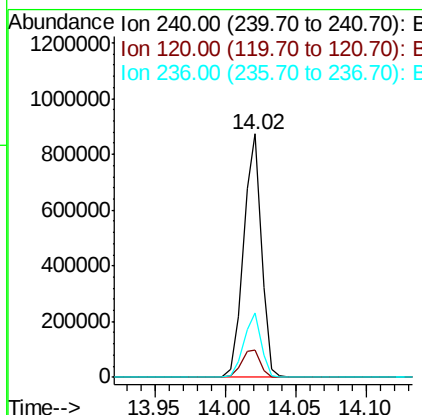
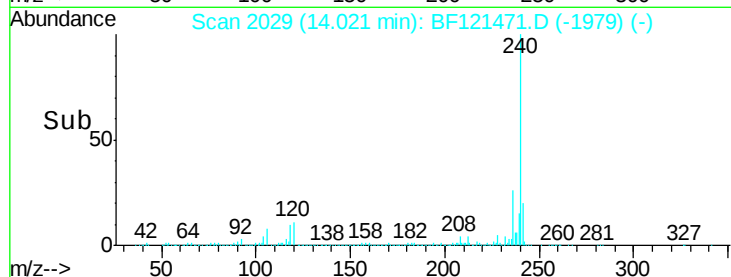
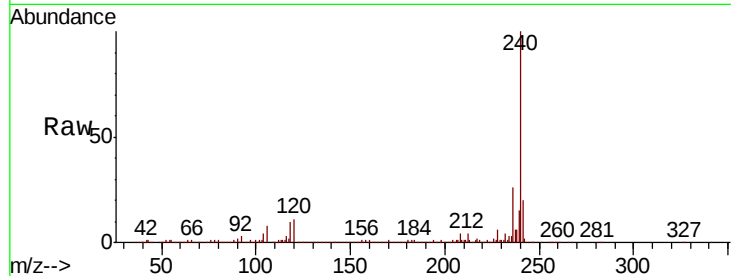
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF121471.D
Acq: 28 Aug 2020 21:05

Instrument :
BNA_F
ClientSampleId :
789UMR-TP06-0006-01

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	26.4	21.8	32.6

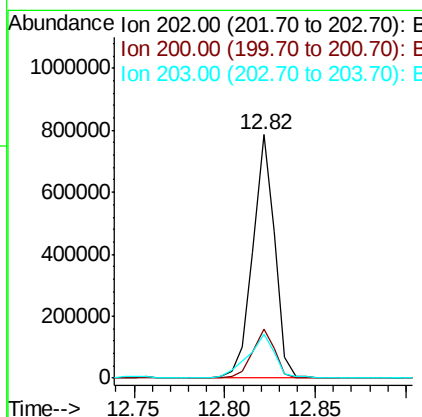
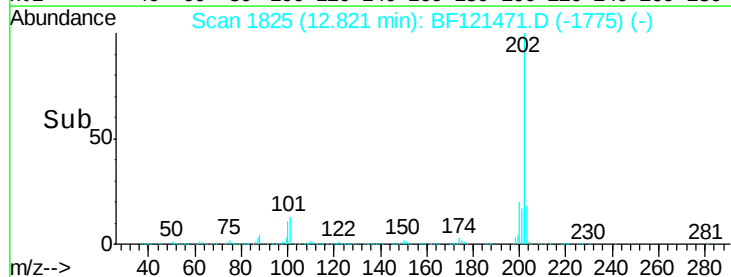
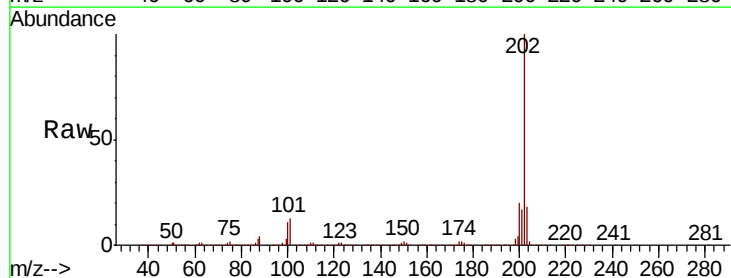
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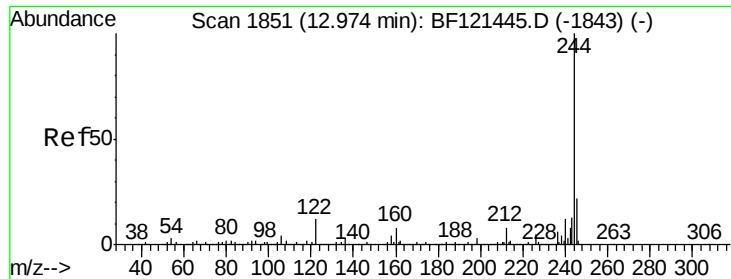
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#78
Pyrene
Concen: 12.091 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF121471.D
Acq: 28 Aug 2020 21:05

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	18.0	27.0
203	17.8	15.3	22.9





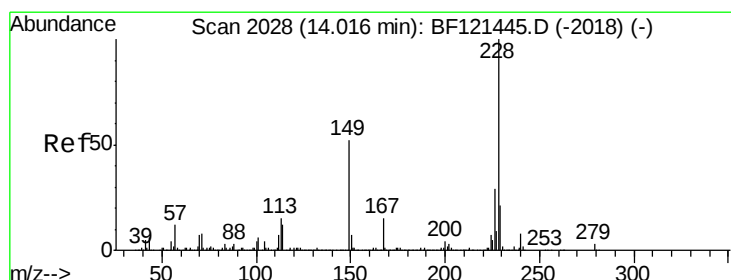
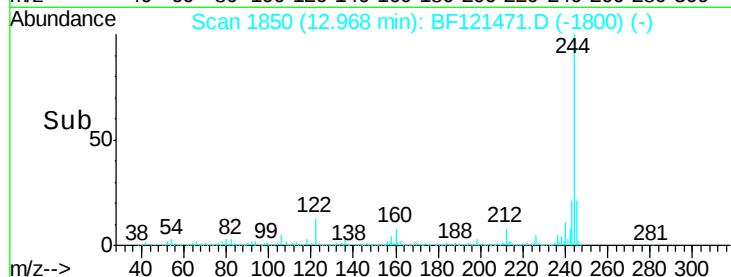
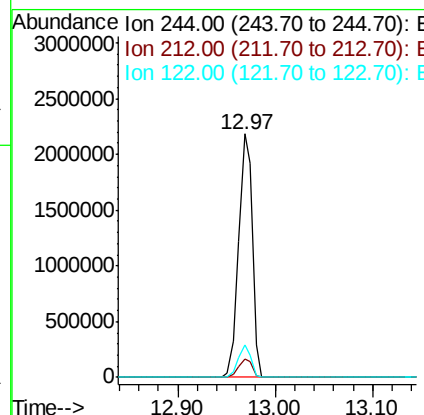
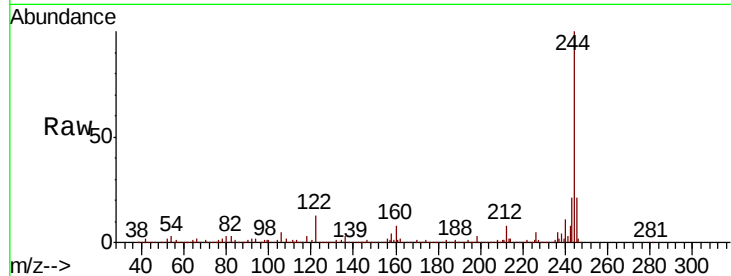
#79
 Terphenyl-d14
 Concen: 58.316 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF121471.D
 Acq: 28 Aug 2020 21:05

Instrument :
 BNA_F
 ClientSampleId :
 789UMR-TP06-0006-01

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	13.3	9.5	14.3

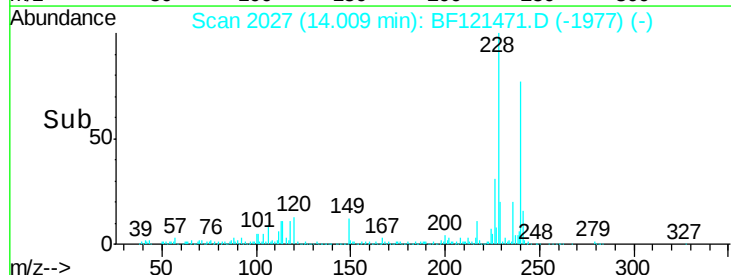
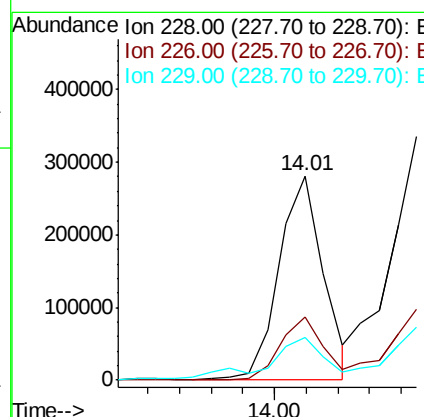
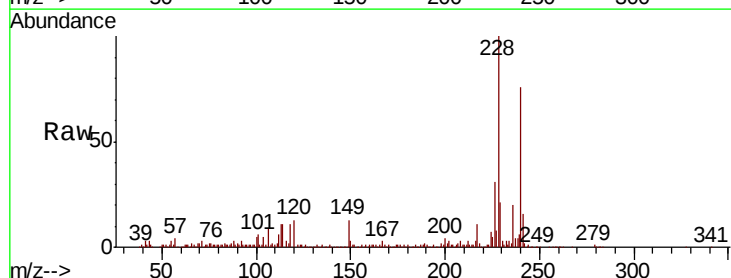
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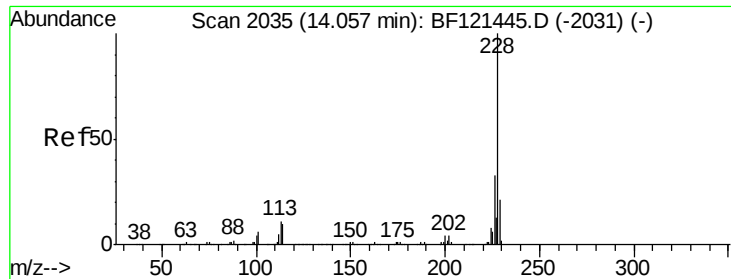
mohammad
 8/31/2020 10:27:43 AM



#81
 Benzo(a)anthracene
 Concen: 5.799 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF121471.D
 Acq: 28 Aug 2020 21:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.0	34.4
229	20.7	16.6	24.8





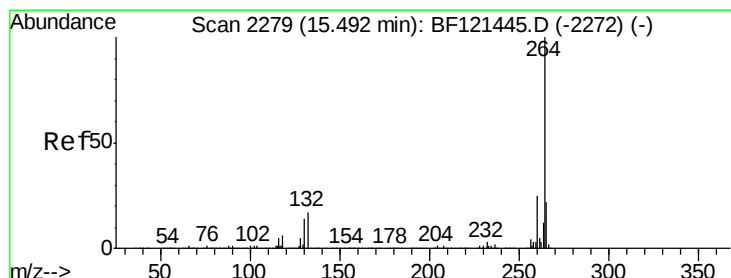
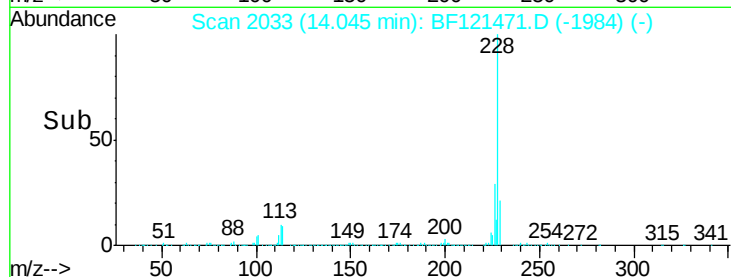
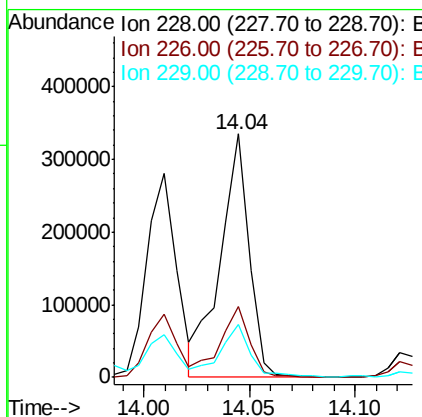
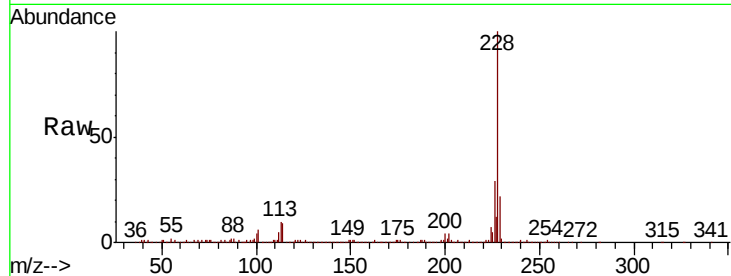
#83
Chrysene
Concen: 6.718 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF121471.D
Acq: 28 Aug 2020 21:05

Instrument :
BNA_F
ClientSampleId :
789UMR-TP06-0006-01

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	26.2	39.2
229	21.6	16.6	25.0

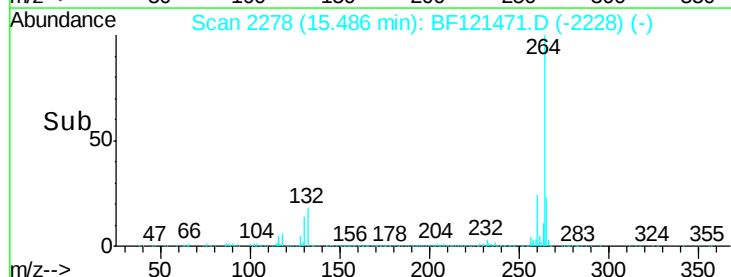
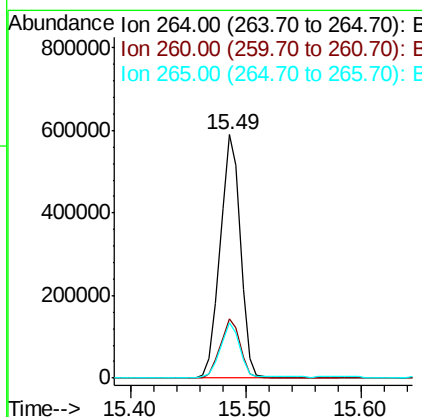
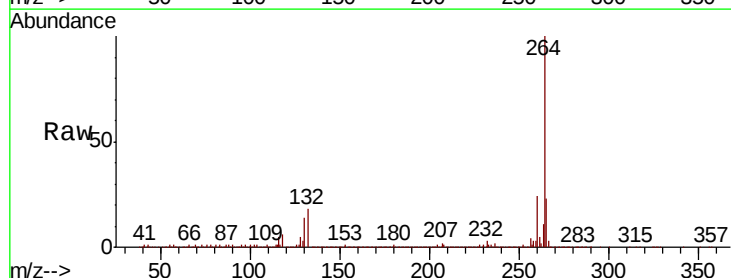
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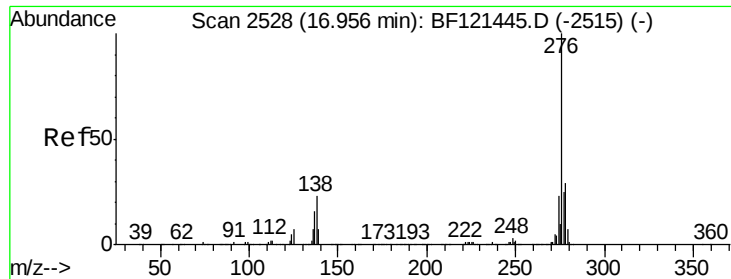
mohammad
8/31/2020 10:27:43 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF121471.D
Acq: 28 Aug 2020 21:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	22.7	17.8	26.6





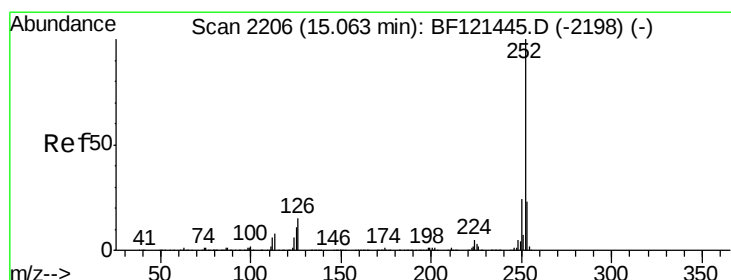
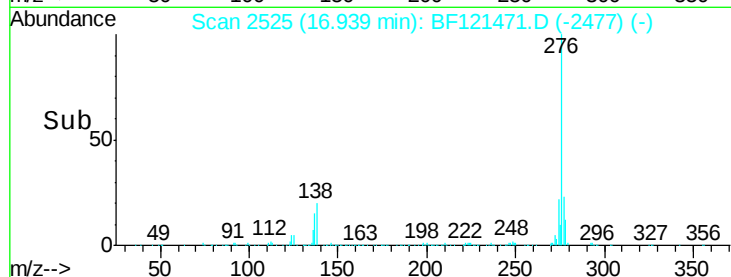
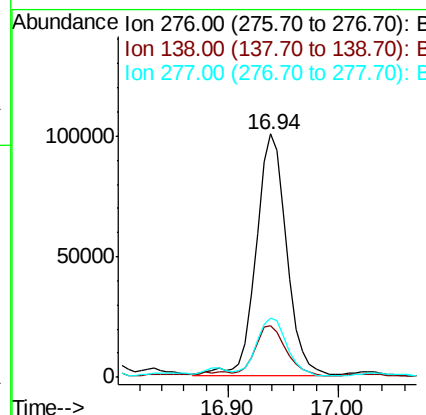
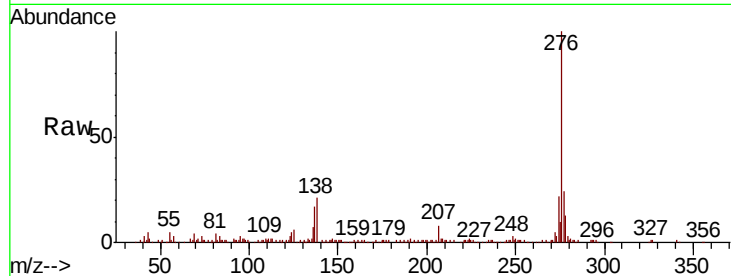
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.412 ng
 RT: 16.94 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BF121471.D
 Acq: 28 Aug 2020 21:05

Instrument :
 BNA_F
 ClientSampleId :
 789UMR-TP06-0006-01

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.0	20.6	31.0
277	24.5	20.5	30.7

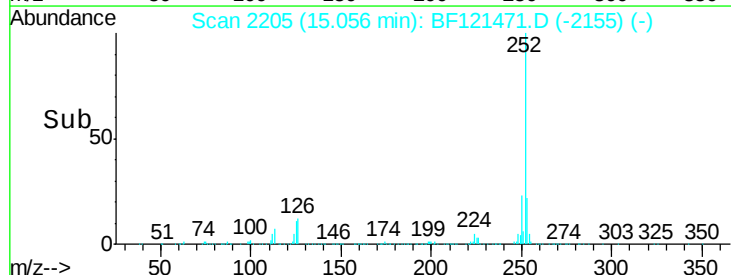
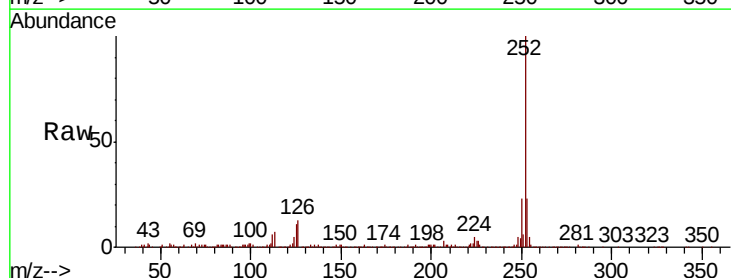
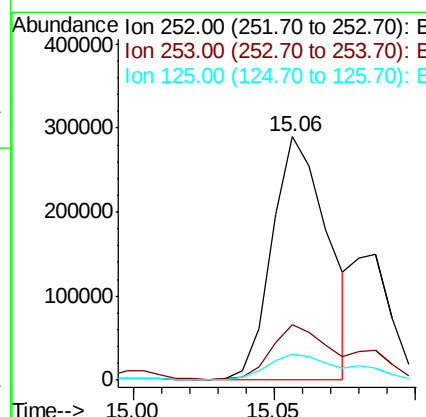
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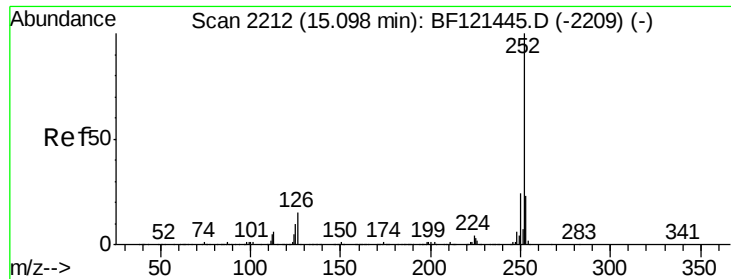
mohammad
 8/31/2020 10:27:43 AM



#88
 Benzo(b)fluoranthene
 Concen: 8.466 ng m
 RT: 15.06 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BF121471.D
 Acq: 28 Aug 2020 21:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.3	27.5
125	10.9	9.2	13.8





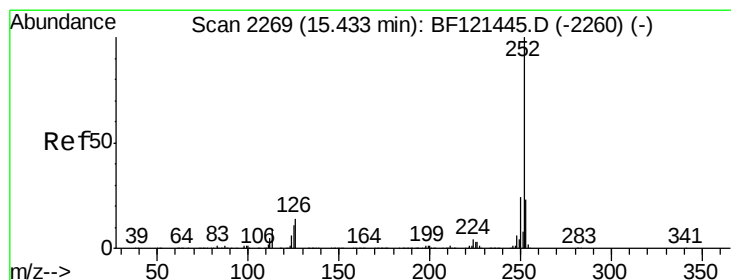
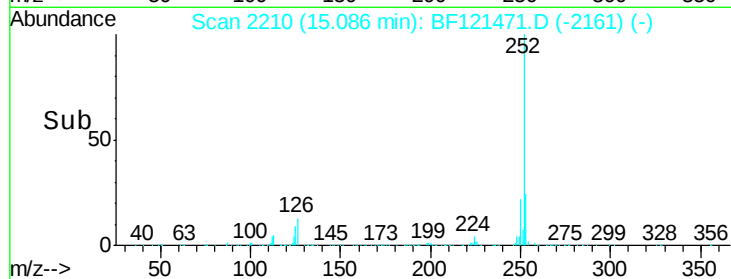
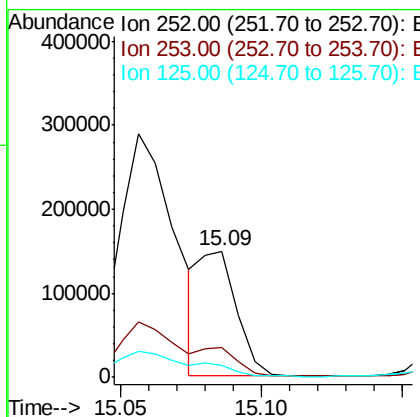
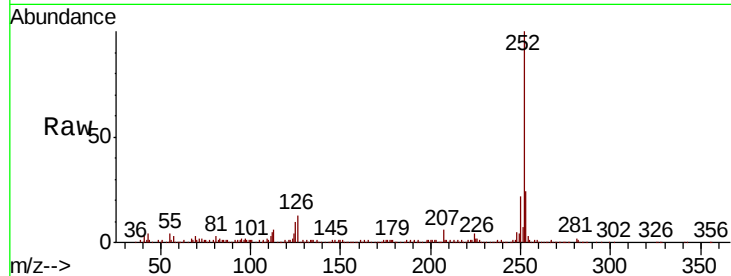
#89
Benzo(k)fluoranthene
Concen: 3.141 ng m
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF121471.D
Acq: 28 Aug 2020 21:05

Instrument :
BNA_F
ClientSampleId :
789UMR-TP06-0006-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.3	27.5
125	9.7	8.5	12.7

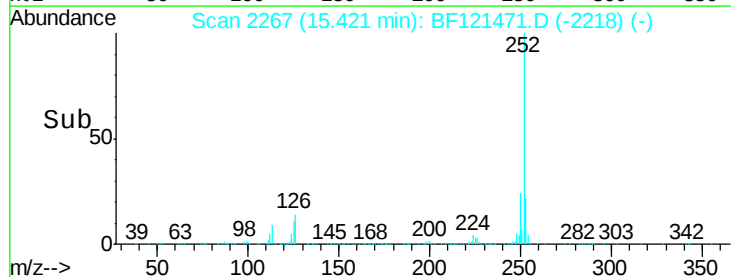
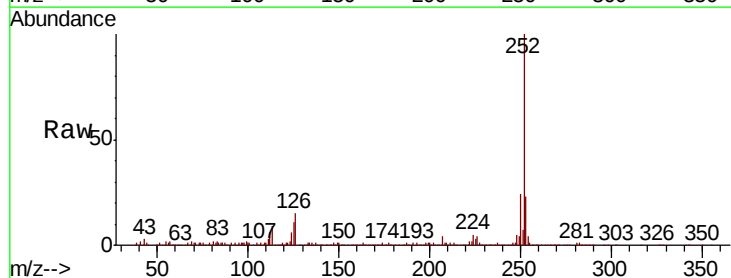
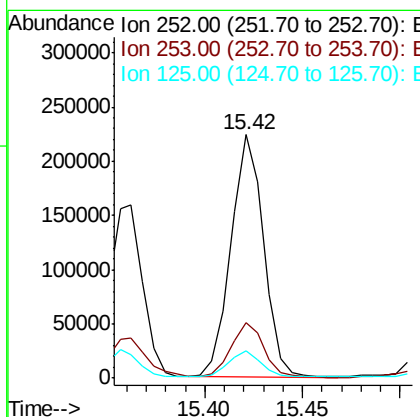
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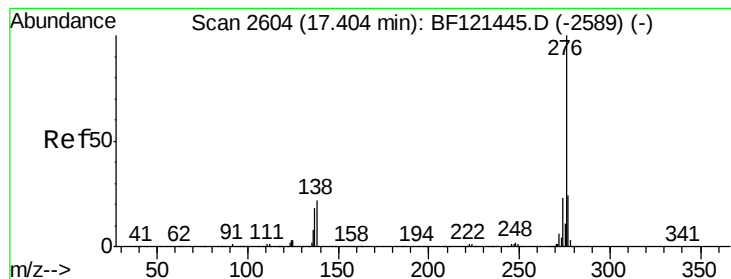
mohammad
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#90
Benzo(a)pyrene
Concen: 6.152 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF121471.D
Acq: 28 Aug 2020 21:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	11.1	9.0	13.4





#92

Benzo(a,h,i)perylene

Concen: 5.339 ng

RT: 17.38 min Scan# 2600

Delta R.T. -0.02 min

Lab File: BF121471.D

Acq: 28 Aug 2020 21:05

Instrument :

BNA_F

ClientSampleId :

789UMR-TP06-0006-01

Tot Ion:	276	Resp:	185846
Ion Ratio		Lower	Upper
276	100		
277	23.2	18.9	28.3
138	21.7	17.4	26.0

Manual Integrations
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8/31/2020 10:27:43 AM

