

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
 Data File : BF119302.D
 Acq On : 10 Mar 2020 00:24
 Operator : CG/JU
 Sample : L1778-21
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S10

Manual Integrations
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Quant Time: Mar 10 01:08:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	108464	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	403664	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	209087	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	342302	20.00	ng	0.00
76) Chrysene-d12	13.88	240	245476	20.00	ng	0.00
87) Perylene-d12	15.31	264	311301	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	516548	79.59	ng	0.00
7) Phenol-d6	6.38	99	631672	80.03	ng	0.00
23) Nitrobenzene-d5	7.29	82	424726	55.55	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	181861	66.49	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	821936	57.91	ng	0.00
79) Terphenyl-d14	12.82	244	742751	52.09	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.47	163	73893	4.622	ng	97
75) Fluoranthene	12.46	202	53686	2.709	ng	98
78) Pyrene	12.69	202	53378	2.708	ng	96
81) Benzo(a)anthracene	13.87	228	35878	2.145	ng	96
83) Chrysene	13.91	228	40224m	2.414	ng	
86) Indeno(1,2,3-cd)pyrene	16.73	276	34785	2.156	ng	96
88) Benzo(b)fluoranthene	14.91	252	81523m	3.973	ng	
90) Benzo(a)pyrene	15.26	252	46273	2.499	ng	99
92) Benzo(g,h,i)perylene	17.16	276	34465	2.141	ng	95

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

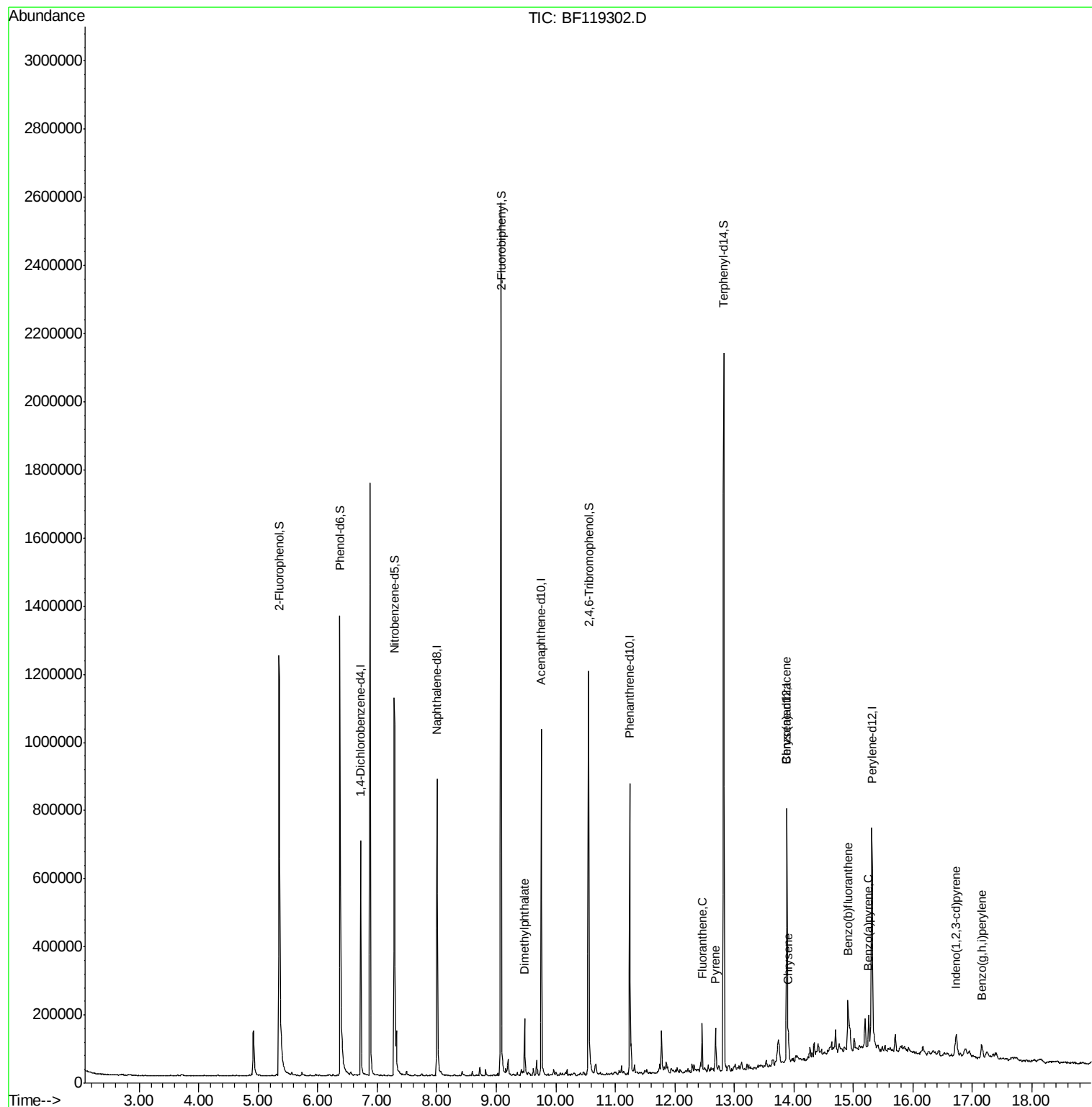
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
Data File : BF119302.D
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Operator : CG/JU
Sample : L1778-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S10

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#1

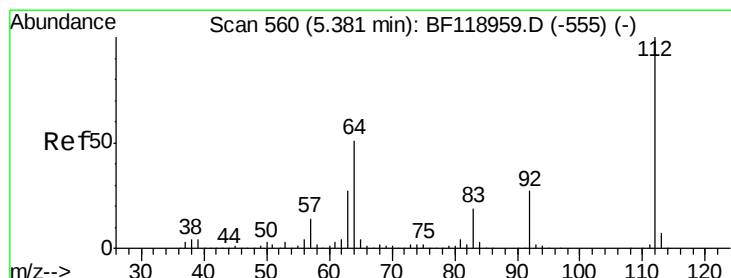
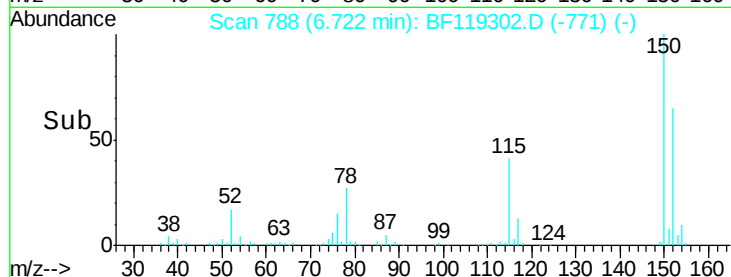
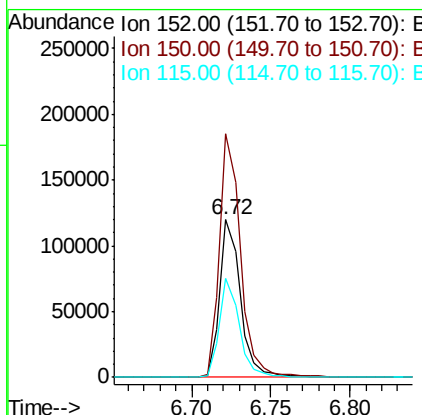
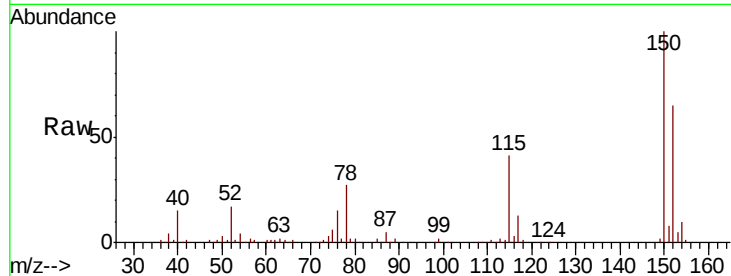
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF119302.D
Acq: 10 Mar 2020 00:24

Instrument :
BNA_F
ClientSampleId :
S10

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.0	184.6
115	63.1	49.5	74.3

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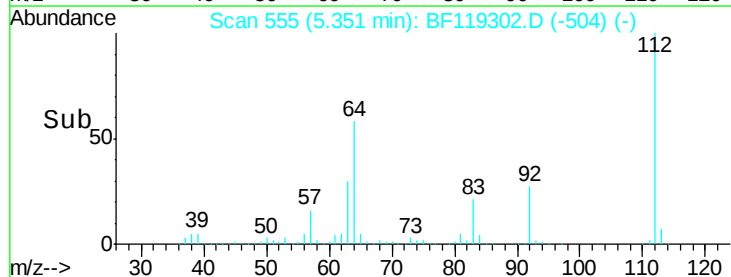
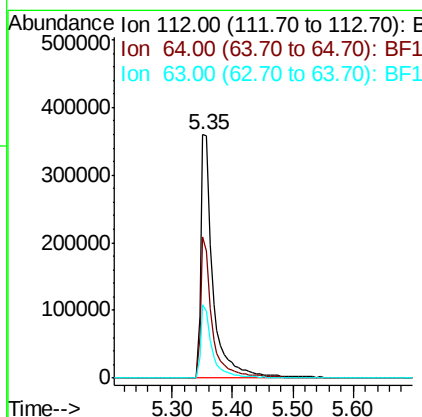
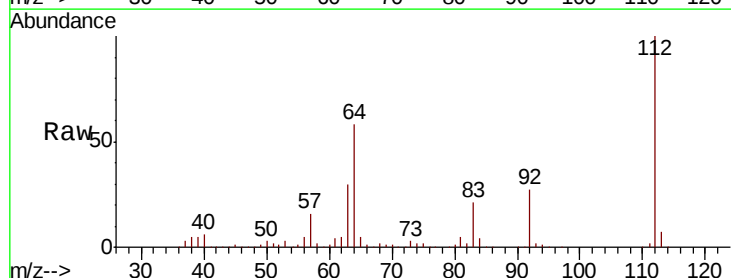
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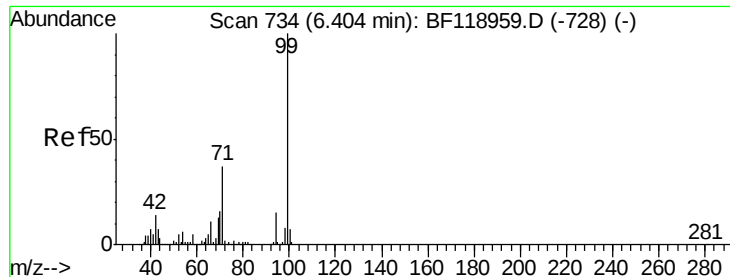


#5

2-Fluorophenol
Concen: 79.588 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF119302.D
Acq: 10 Mar 2020 00:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	45.0	67.4
63	30.2	24.2	36.4





#7

Phenol-d6

Concen: 80.026 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF119302.D

Acq: 10 Mar 2020 00:24

Instrument :

BNA_F

ClientSampleId :

S10

Tot Ion: 99 Resp: 631672

Ion Ratio Lower Upper

99 100

42 13.5 12.6 18.8

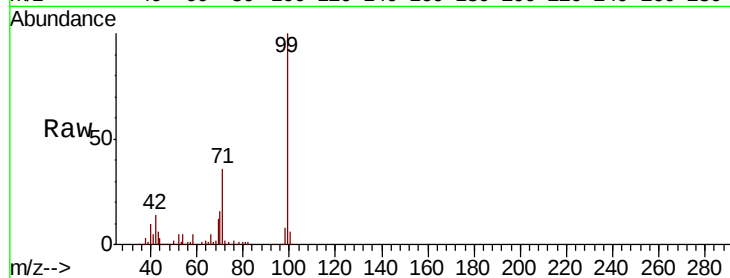
71 36.4 31.0 46.4

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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

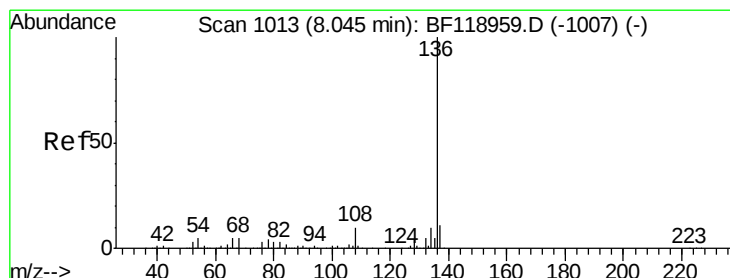
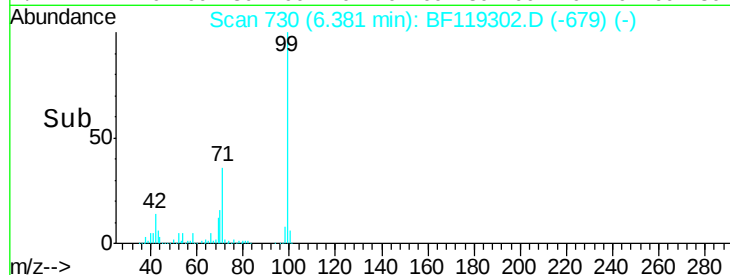
6.38

400000

200000

0

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119302.D

Acq: 10 Mar 2020 00:24

Tgt Ion: 136 Resp: 403664

Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 5.1 3.8 5.6

68 5.3 3.9 5.9

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

8.00

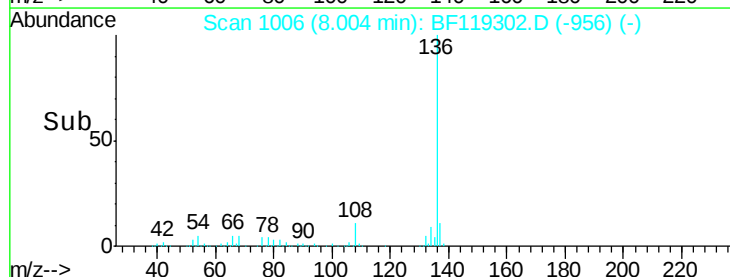
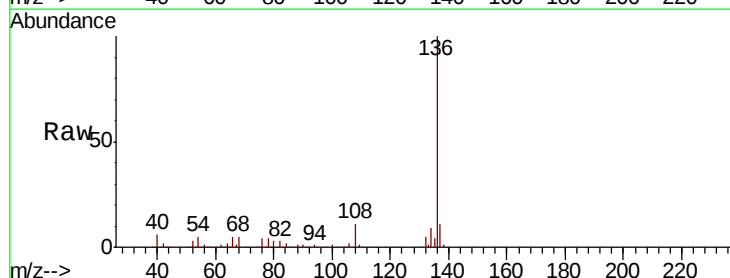
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400000

200000

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Time-->





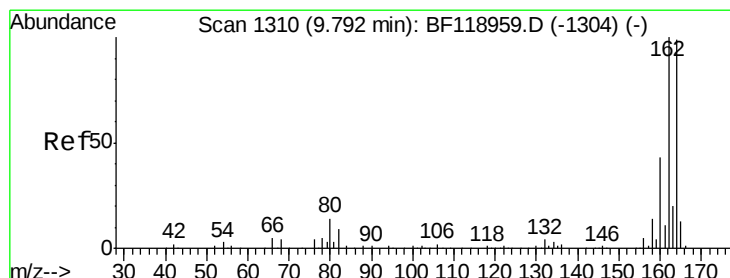
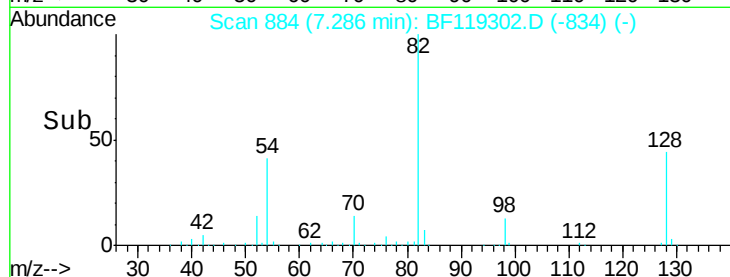
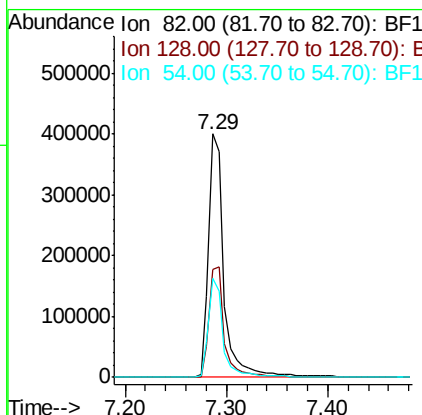
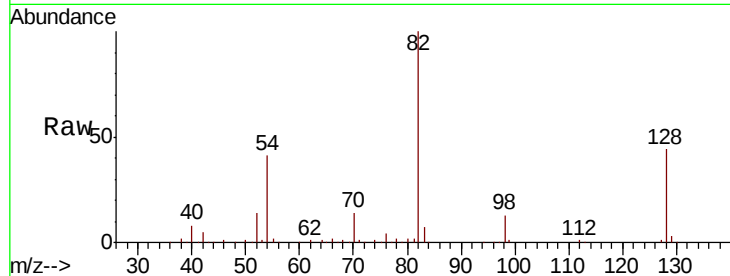
#23
 Nitrobenzene-d5
 Concen: 55.555 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF119302.D
 Acq: 10 Mar 2020 00:24

Instrument :
 BNA_F
 ClientSampled :
 S10

Tot Ion:	82	Resp:	424726
Ion	Ratio	Lower	Upper
82	100		
128	44.2	37.9	56.9
54	40.5	33.4	50.2

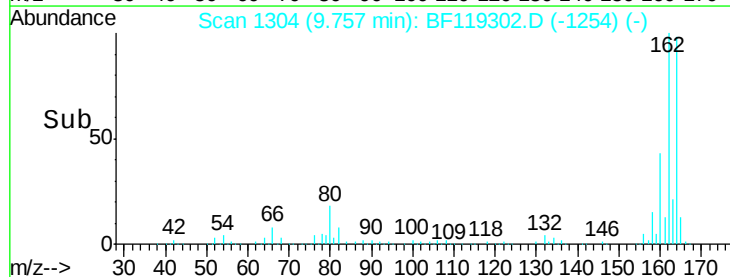
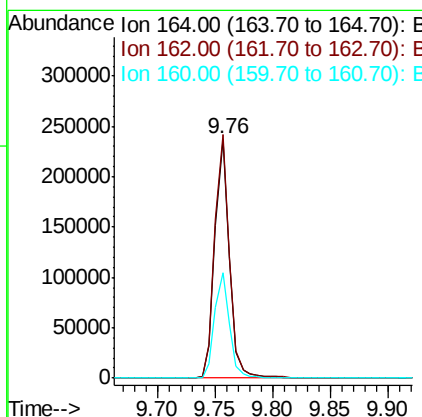
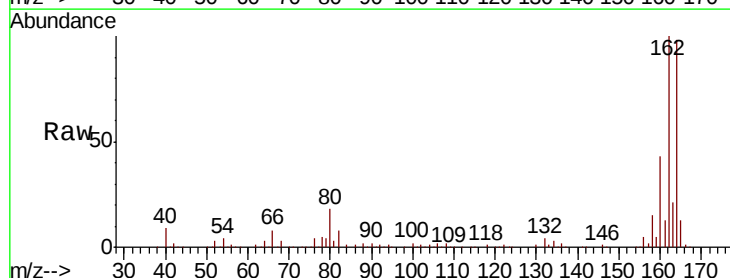
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF119302.D
 Acq: 10 Mar 2020 00:24

Tgt Ion:	164	Resp:	209087
Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.8	122.8
160	44.1	36.0	54.0





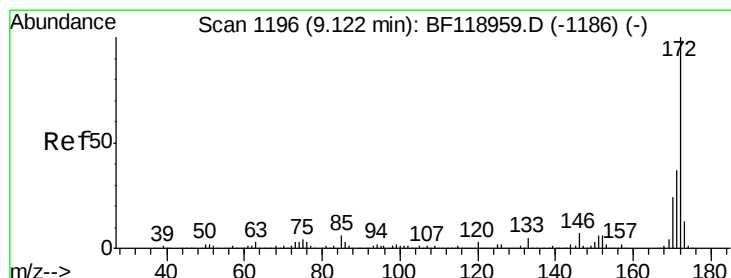
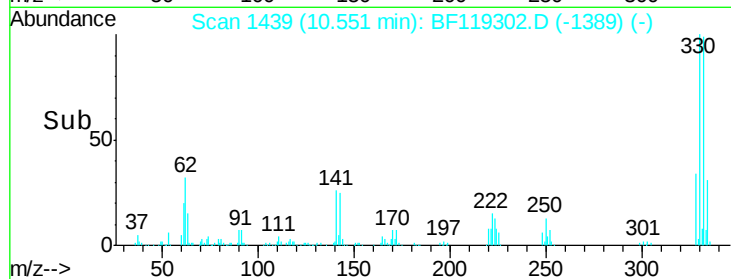
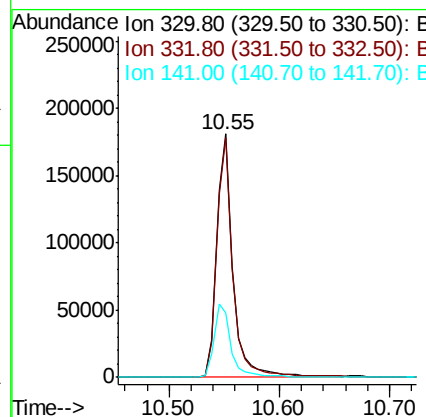
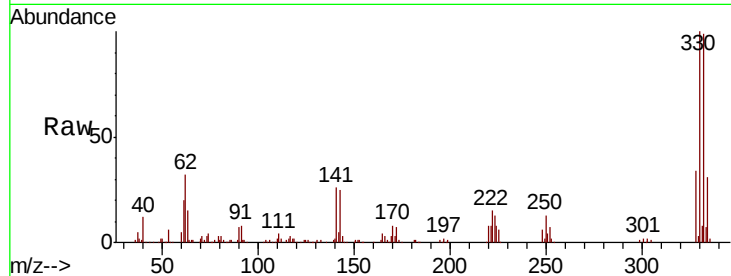
#42
 2,4,6-Tribromophenol
 Concen: 66.489 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF119302.D
 Acq: 10 Mar 2020 00:24

Instrument :
 BNA_F
 ClientSampled :
 S10

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.0	114.0
141	31.6	22.9	34.3

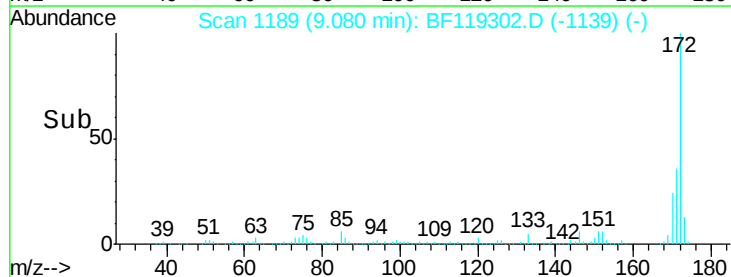
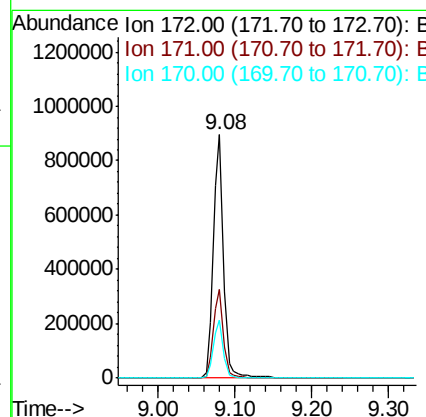
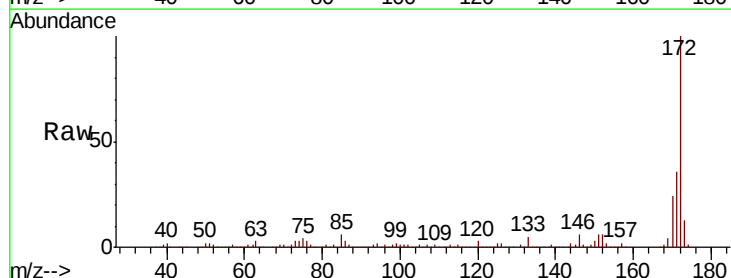
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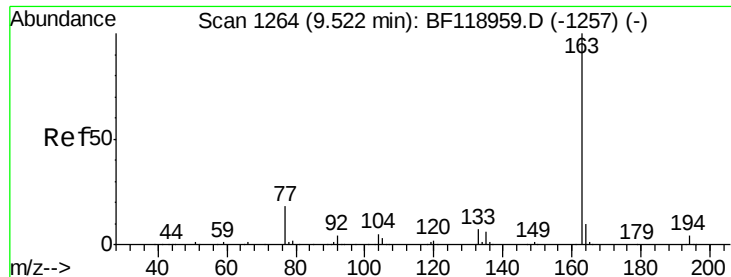
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#45
 2-Fluorobiphenyl
 Concen: 57.911 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119302.D
 Acq: 10 Mar 2020 00:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.6	45.8
170	23.7	20.2	30.2





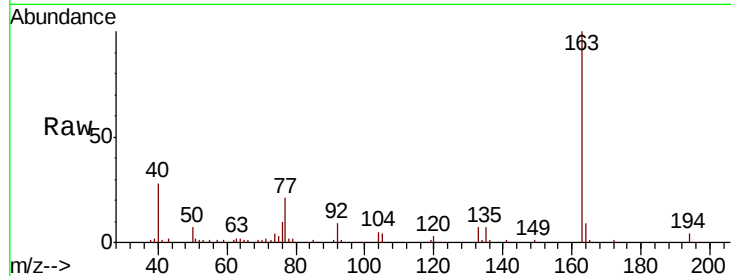
#50
Dimethylphthalate
Concen: 4.622 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF119302.D
Acq: 10 Mar 2020 00:24

Instrument :
BNA_F
ClientSampleId :
S10

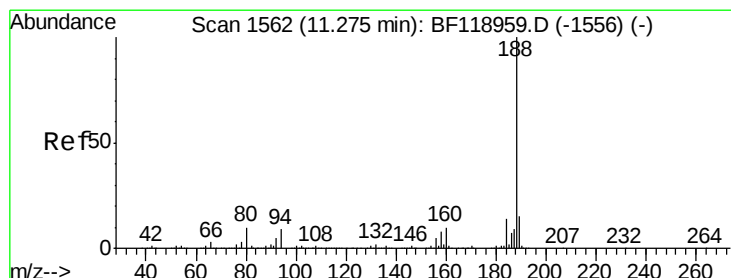
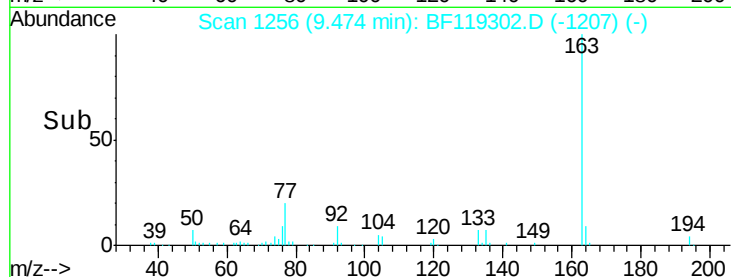
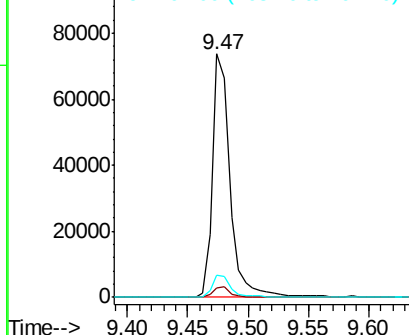
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.5	5.3
164	9.4	8.4	12.6

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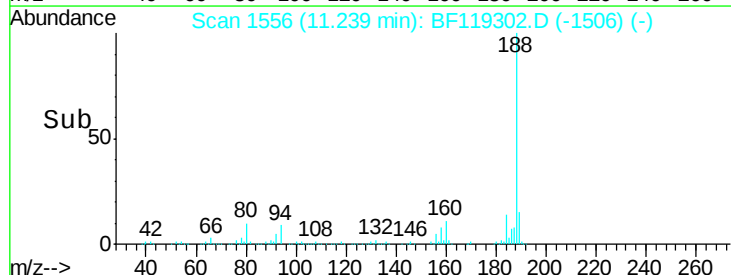
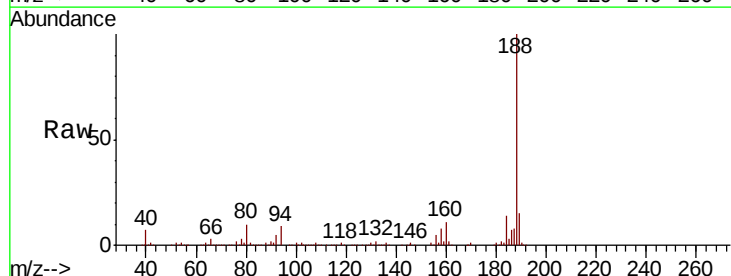
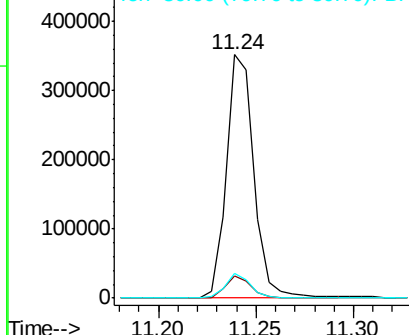
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

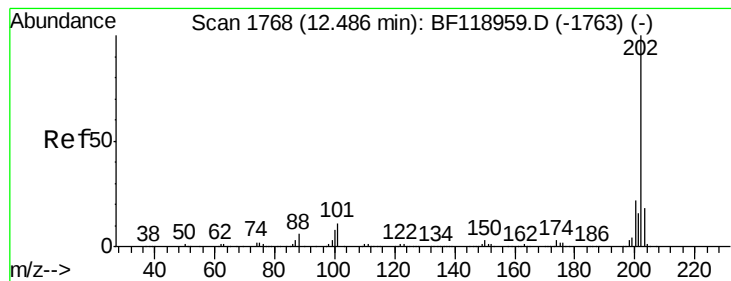


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF119302.D
Acq: 10 Mar 2020 00:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.1	10.7
80	10.2	7.8	11.8

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





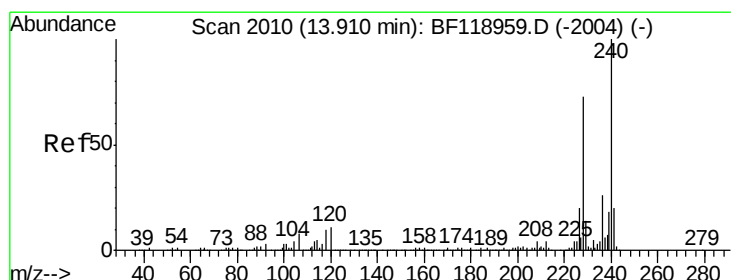
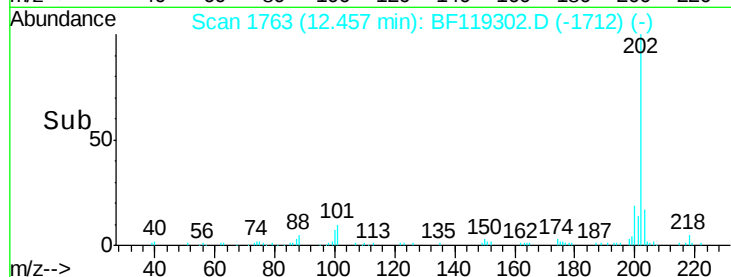
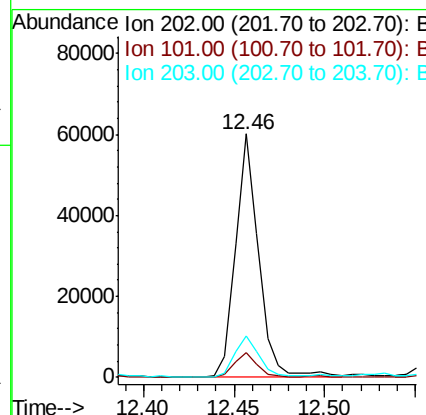
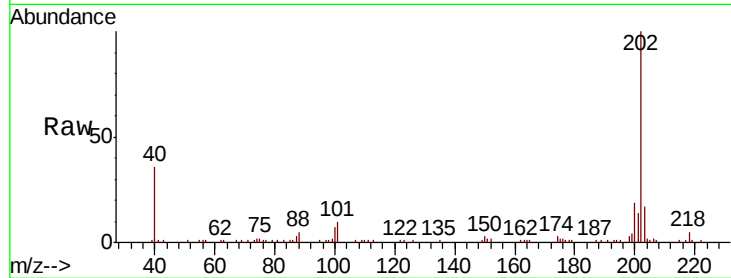
#75
Fluoranthene
Concen: 2.709 ng
RT: 12.46 min Scan# 1763
Delta R.T. -0.00 min
Lab File: BF119302.D
Acq: 10 Mar 2020 00:24

Instrument :
BNA_F
ClientSampleId :
S10

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.0	0.0	30.3
203	17.1	0.0	38.4

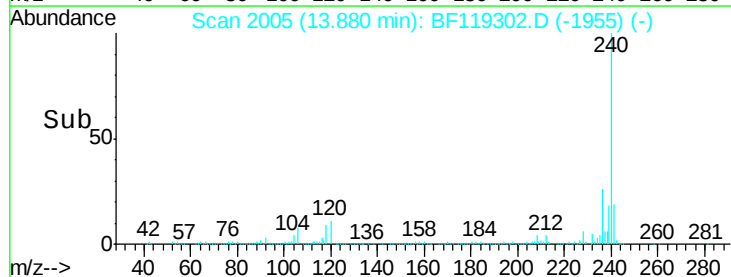
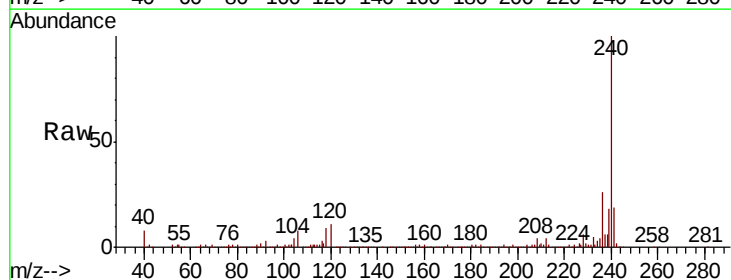
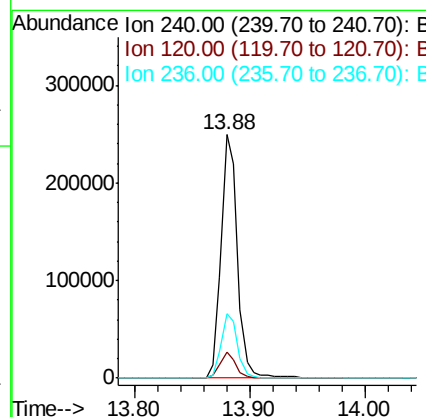
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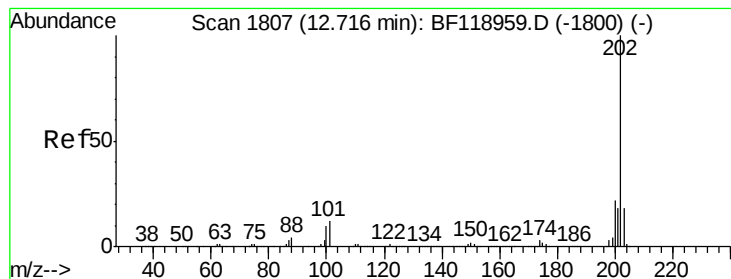
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF119302.D
Acq: 10 Mar 2020 00:24

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.5	8.4	12.6
236	26.4	21.0	31.4





#78

Pvrene

Concen: 2.708 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.00 min

Lab File: BF119302.D

Acq: 10 Mar 2020 00:24

Instrument :

BNA_F

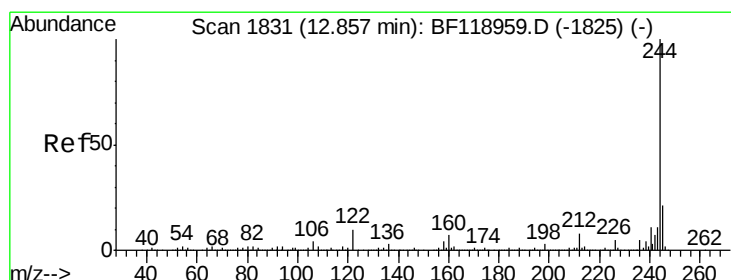
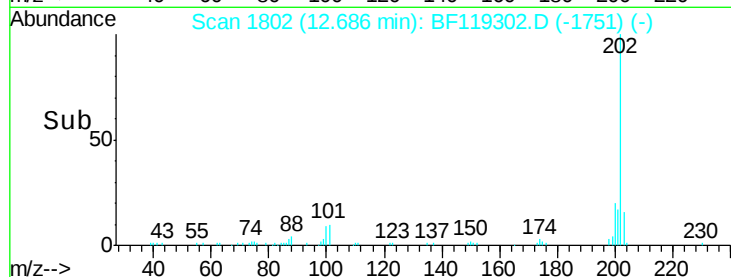
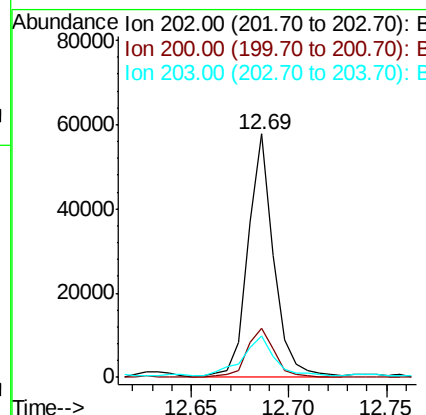
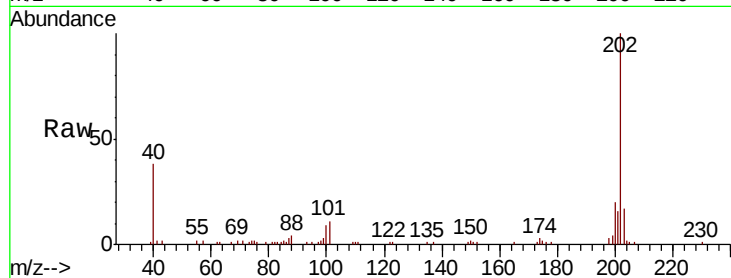
ClientSampleId :

S10

Tot Ion:	202	Resp:	53378
Ion Ratio		Lower	Upper
202	100		
200	20.1	18.0	27.0
203	16.9	14.6	22.0

Manual Integrations
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#79

Terphenyl-d14

Concen: 52.094 ng

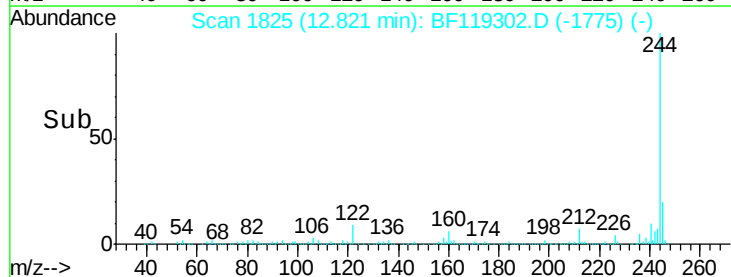
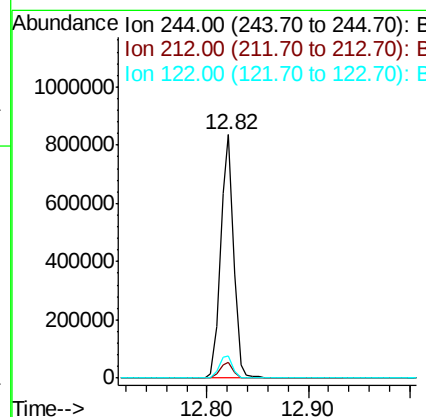
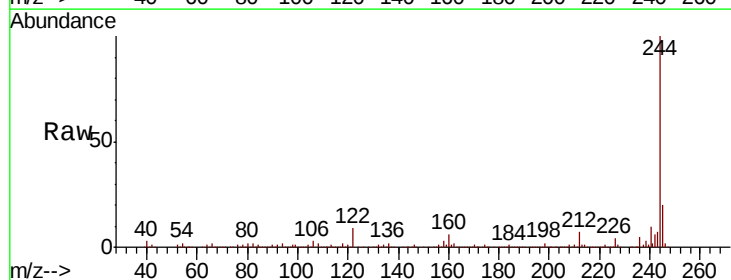
RT: 12.82 min Scan# 1825

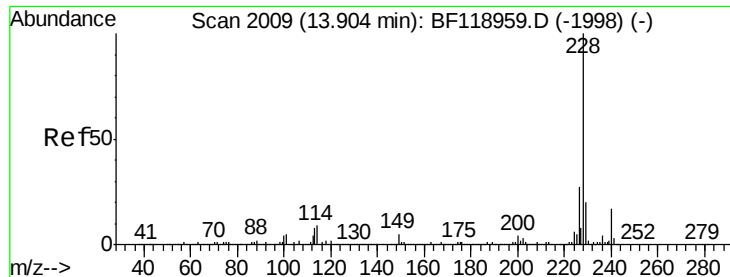
Delta R.T. -0.01 min

Lab File: BF119302.D

Acq: 10 Mar 2020 00:24

Tgt Ion:	244	Resp:	742751
Ion Ratio		Lower	Upper
244	100		
212	6.7	6.6	10.0
122	8.9	8.2	12.2





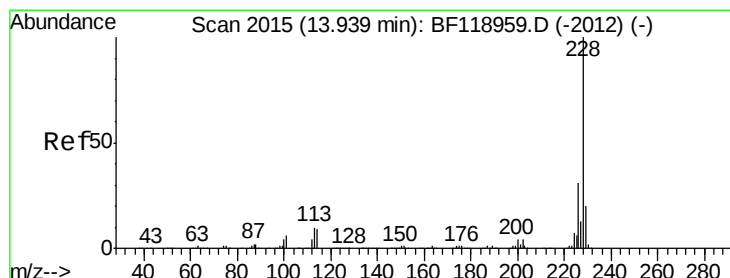
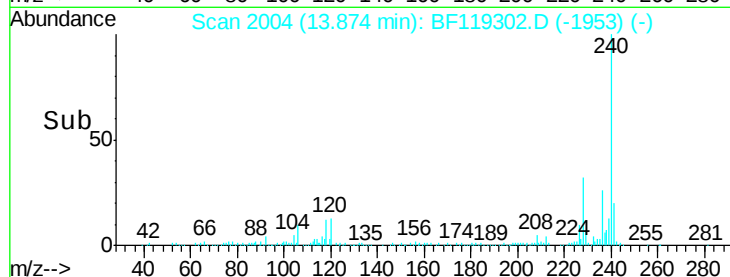
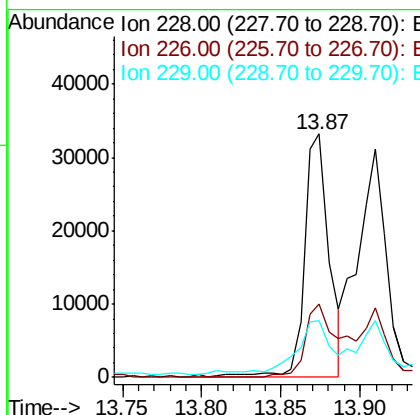
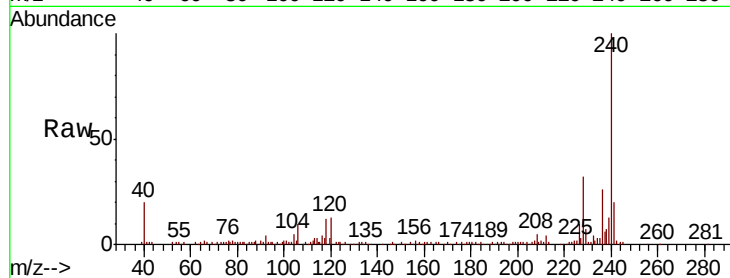
#81
Benzo(a)anthracene
Concen: 2.145 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF119302.D
Acq: 10 Mar 2020 00:24

Instrument :
BNA_F
ClientSampleId :
S10

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.6	33.8
229	23.1	16.6	24.8

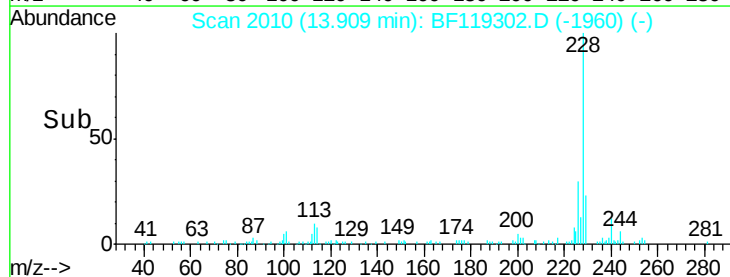
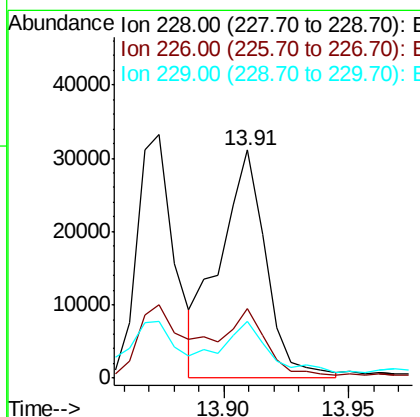
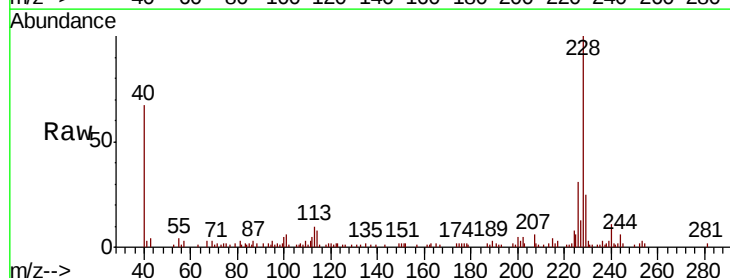
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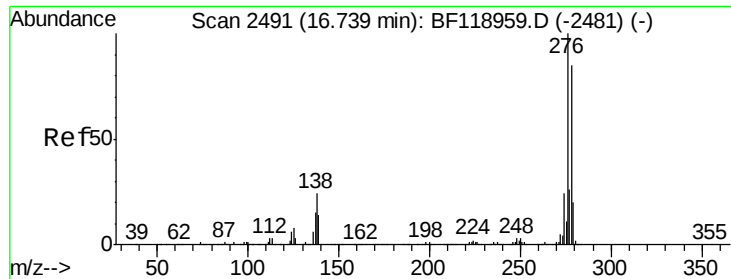
mohammad
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#83
Chrysene
Concen: 2.414 ng m
RT: 13.91 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF119302.D
Acq: 10 Mar 2020 00:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.1	37.7
229	24.6	16.3	24.5#





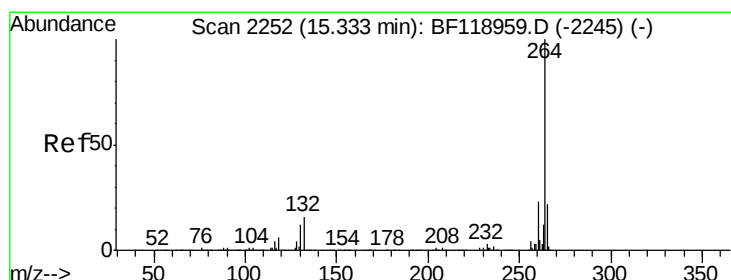
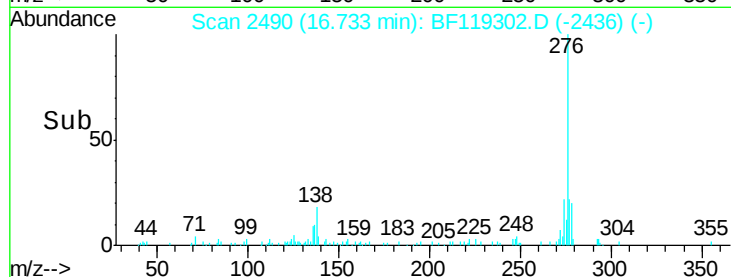
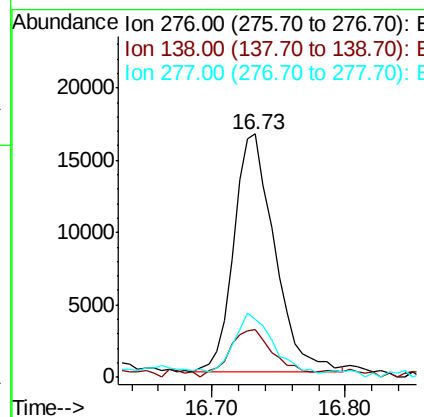
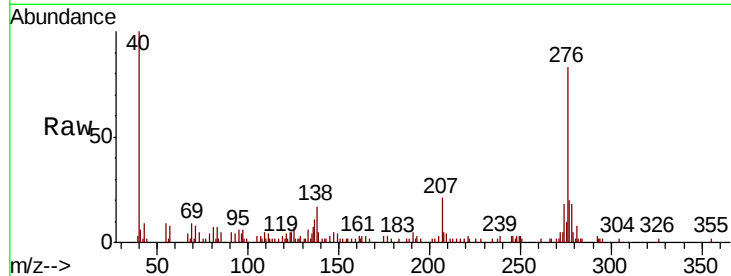
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.156 ng
RT: 16.73 min Scan# 2490
Delta R.T. 0.02 min
Lab File: BF119302.D
Acq: 10 Mar 2020 00:24

Instrument :
BNA_F
ClientSampleId :
S10

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.9	17.4	26.0
277	22.3	20.3	30.5

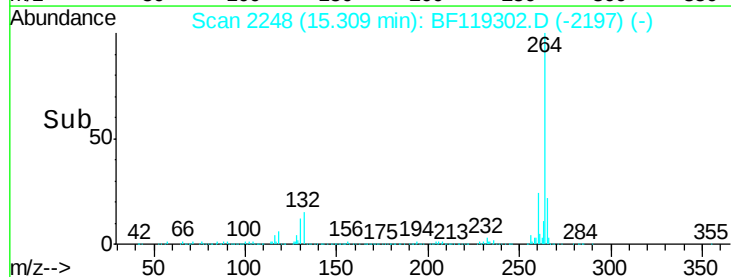
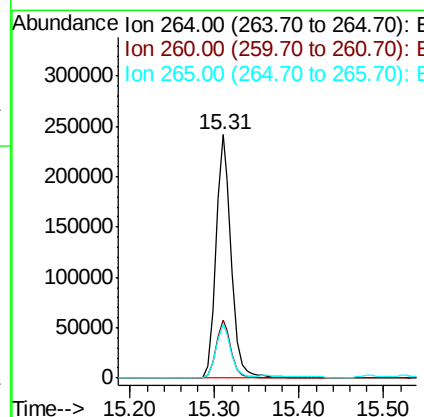
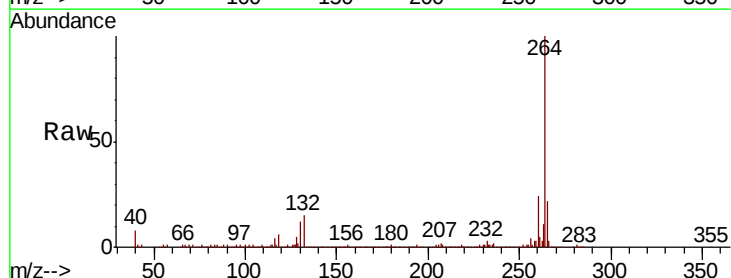
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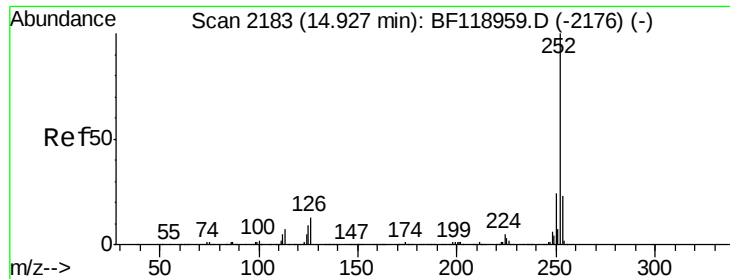
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BF119302.D
Acq: 10 Mar 2020 00:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	22.1	17.7	26.5





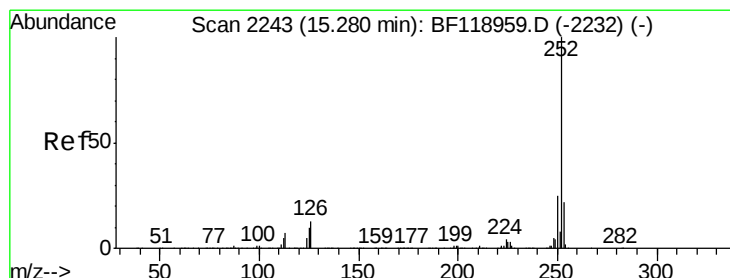
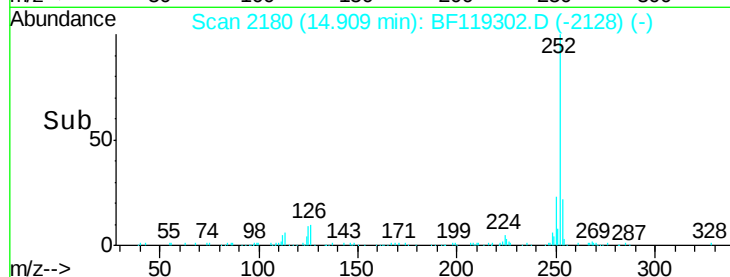
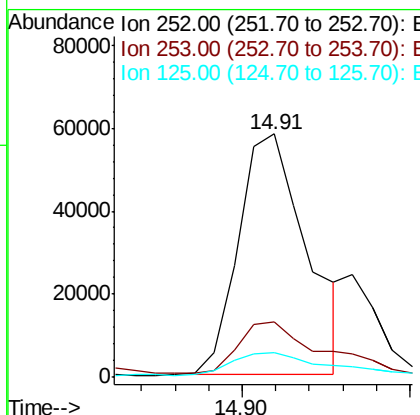
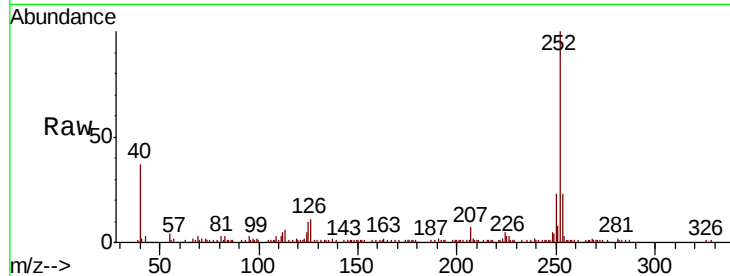
#88
Benzo(b)fluoranthene
Concen: 3.973 ng m
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF119302.D
Acq: 10 Mar 2020 00:24

Instrument :
BNA_F
ClientSampleId :
S10

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	10.0	7.4	11.0

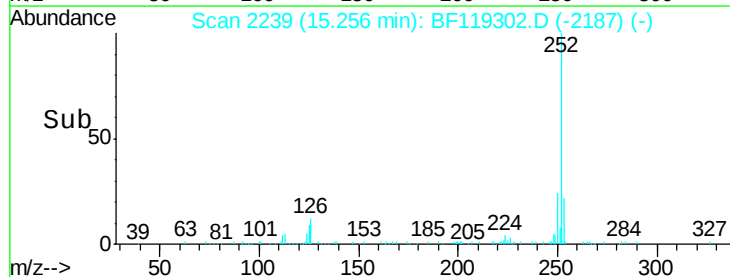
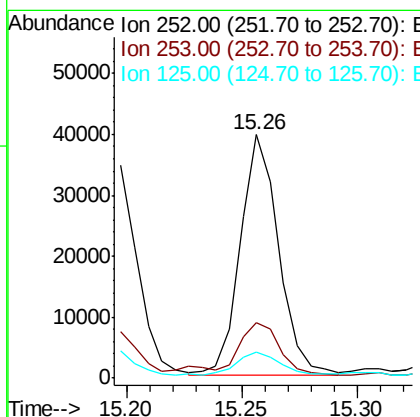
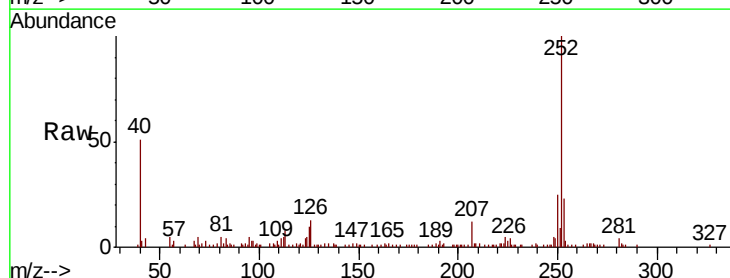
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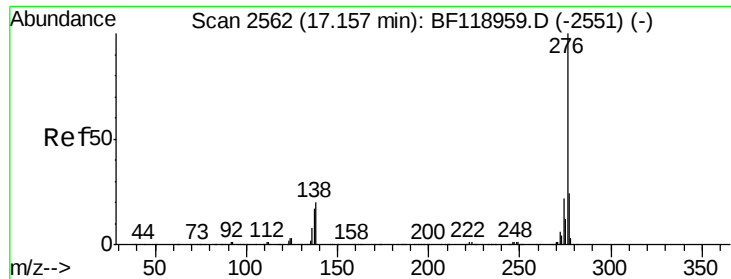
mohammad
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#90
Benzo(a)pyrene
Concen: 2.499 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF119302.D
Acq: 10 Mar 2020 00:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	10.4	8.6	12.8





#92
 Benzo(a,h,i)perylene
 Concen: 2.141 ng
 RT: 17.16 min Scan# 2562
 Delta R.T. 0.02 min
 Lab File: BF119302.D
 Acq: 10 Mar 2020 00:24

Instrument :
 BNA_F
 ClientSampleId :
 S10

Tot Ion:	276	Resp:	34465
Ion Ratio	Lower	Upper	
276	100		
277	27.4	18.7	28.1
138	18.6	14.3	21.5

Manual Integrations
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