

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
 Data File : BF119181.D
 Acq On : 2 Mar 2020 21:20
 Operator : CG/JU
 Sample : L1736-03 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-01-010-B

Manual Integrations
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Quant Time: Mar 03 08:27:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	122394	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	486834	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	256940	20.00	ng	-0.02
64) Phenanthrene-d10	11.26	188	408596	20.00	ng	0.00
76) Chrysene-d12	13.90	240	303801	20.00	ng	0.00
87) Perylene-d12	15.33	264	271889	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	43860	5.99	ng	0.00
7) Phenol-d6	6.39	99	112425	12.62	ng	-0.02
23) Nitrobenzene-d5	7.30	82	76480	8.29	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	2601	0.77	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	180685	10.36	ng	-0.02
79) Terphenyl-d14	12.83	244	175063	9.92	ng	-0.02
Target Compounds						
71) Phenanthrene	11.28	178	256835	11.526	ng	Qvalue 97
72) Anthracene	11.33	178	52245	2.347	ng	98
75) Fluoranthene	12.47	202	248691	10.514	ng	98
78) Pyrene	12.70	202	210822	8.642	ng	97
81) Benzo(a)anthracene	13.89	228	108219	5.228	ng	98
83) Chrysene	13.92	228	94770	4.595	ng	96
88) Benzo(b)fluoranthene	14.92	252	115414m	6.440	ng	
90) Benzo(a)pyrene	15.27	252	64130	3.965	ng	# 86
92) Benzo(g,h,i)perylene	17.17	276	28579	2.032	ng	# 90

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

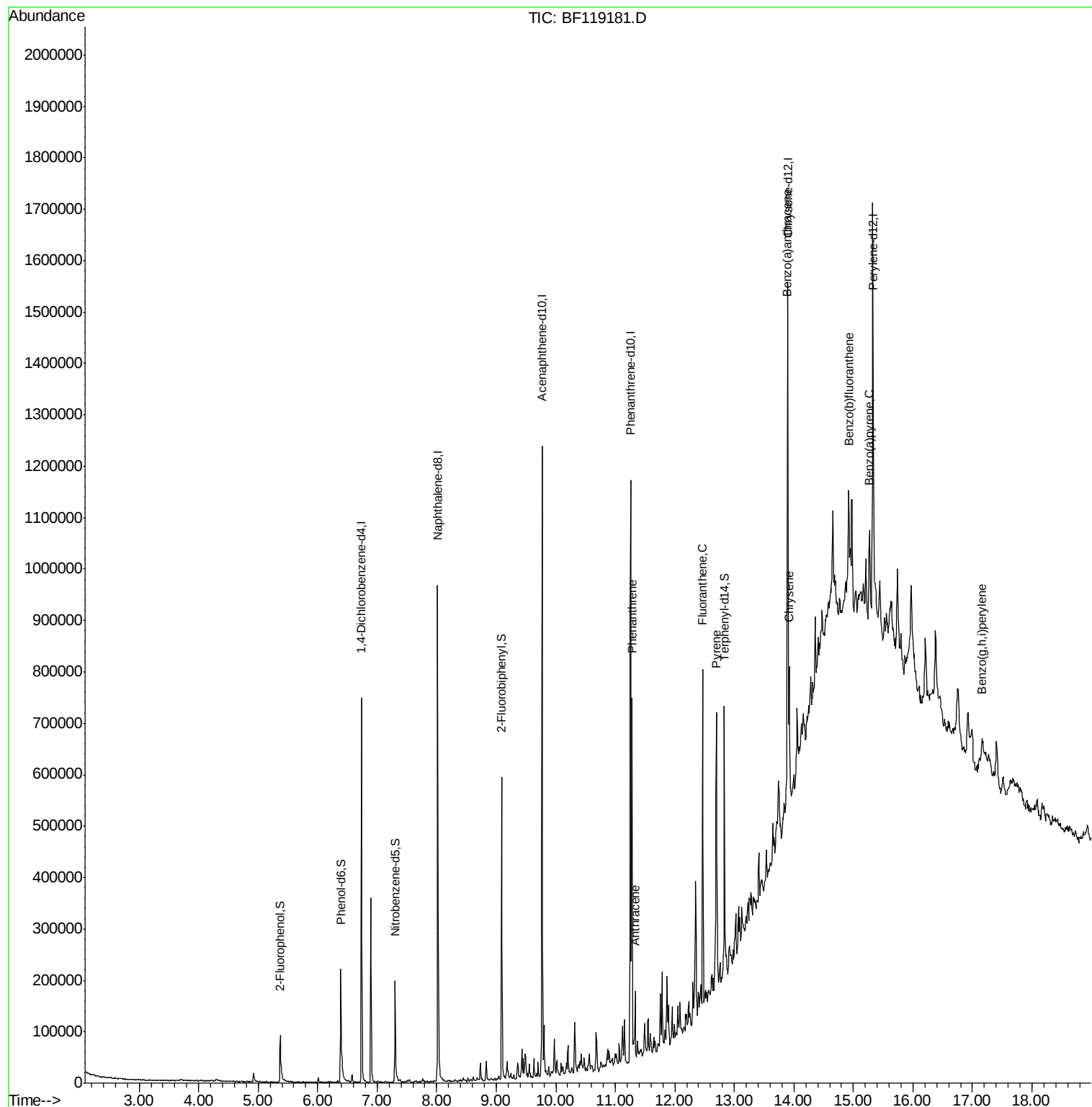
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119181.D
Acq On : 2 Mar 2020 21:20
Operator : CG/JU
Sample : L1736-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: Mar 03 08:27:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

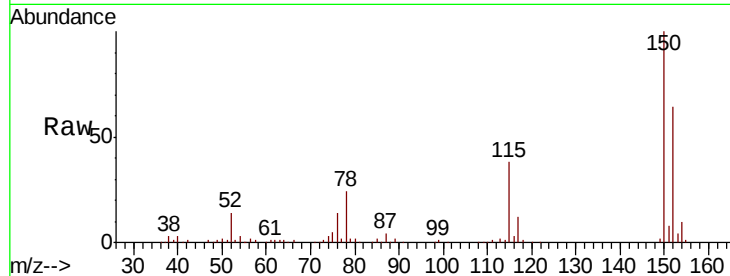
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF119181.D
Acq: 2 Mar 2020 21:20

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-010-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.0	184.6
115	59.6	49.5	74.3

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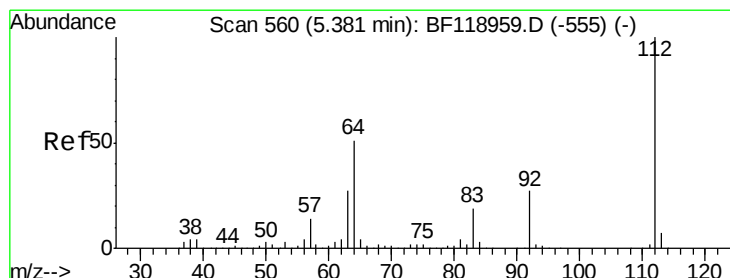
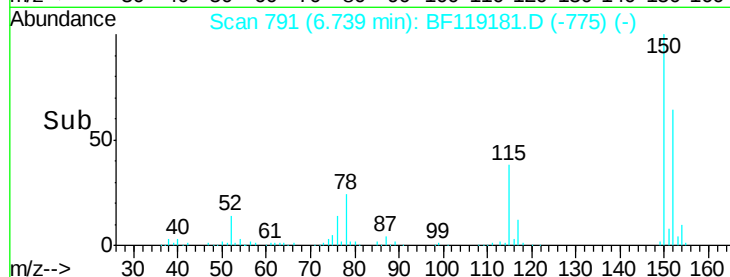
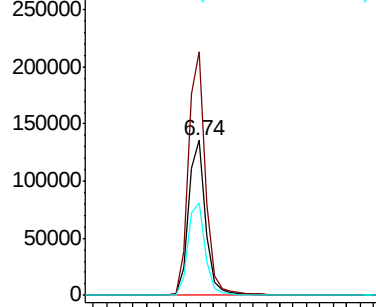


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

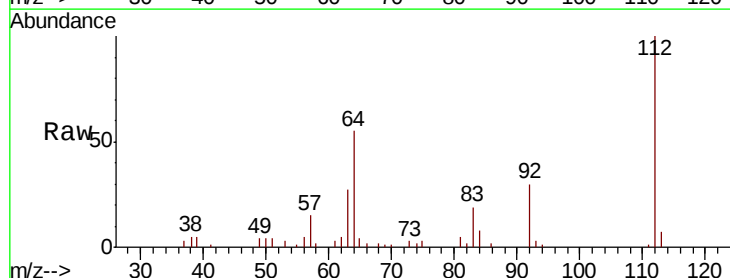
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 5.989 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF119181.D
Acq: 2 Mar 2020 21:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	45.0	67.4
63	26.9	24.2	36.4

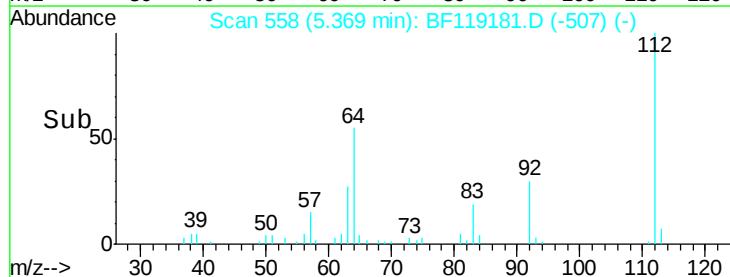
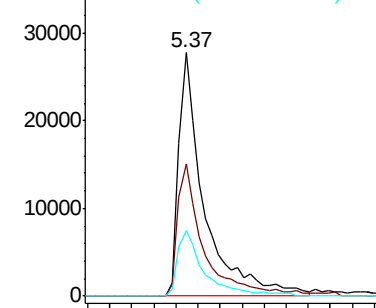


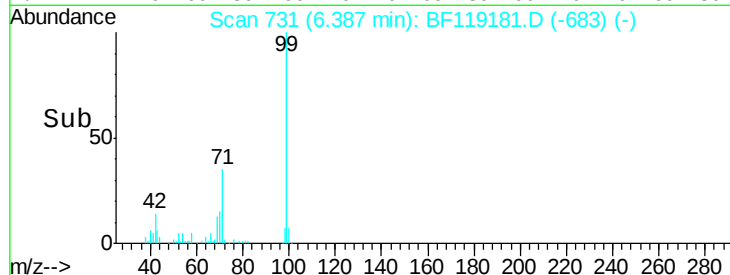
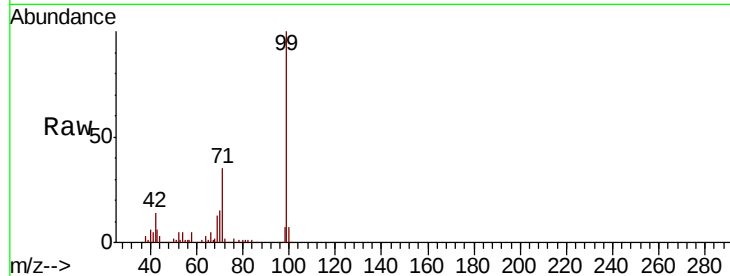
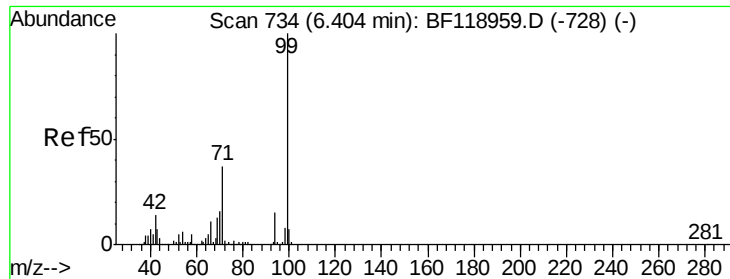
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 12.622 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119181.D

Acq: 2 Mar 2020 21:20

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		112425		
42	14.2	12.6	18.8		
71	34.9	31.0	46.4		

Instrument :

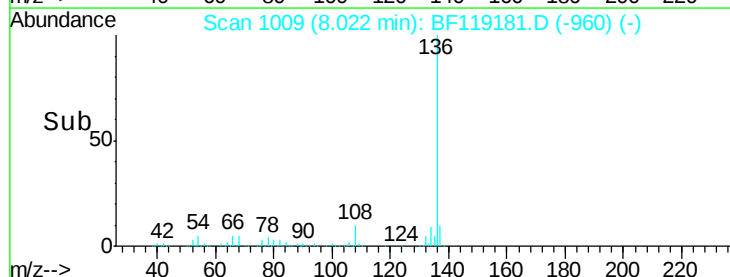
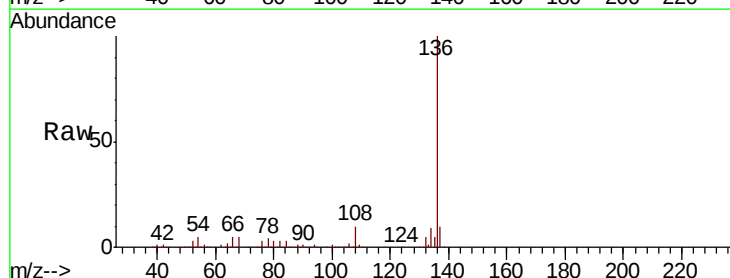
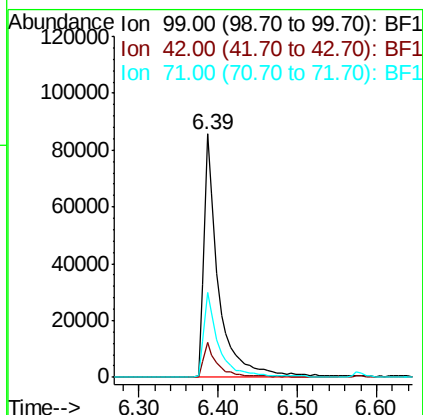
BNA_F

ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.000 ng

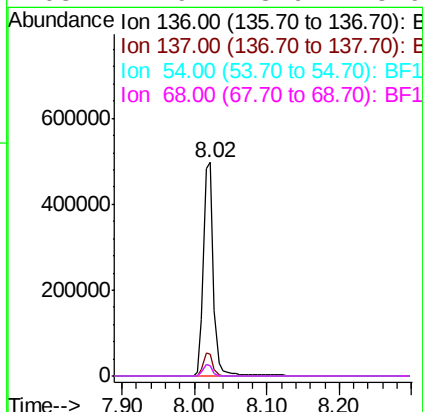
RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119181.D

Acq: 2 Mar 2020 21:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		486834		
137	10.3	8.8	13.2		
54	4.6	3.8	5.6		
68	4.9	3.9	5.9		





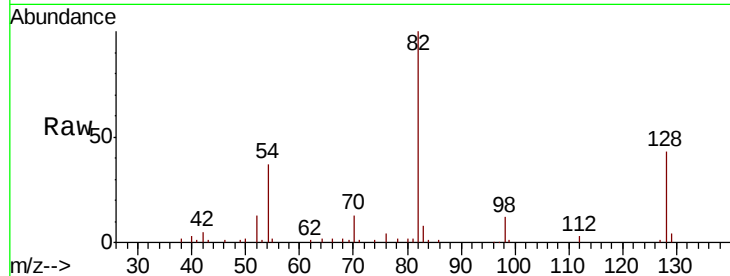
#23
Nitrobenzene-d5
Concen: 8.295 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF119181.D
Acq: 2 Mar 2020 21:20

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-010-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	37.9	56.9
54	37.2	33.4	50.2

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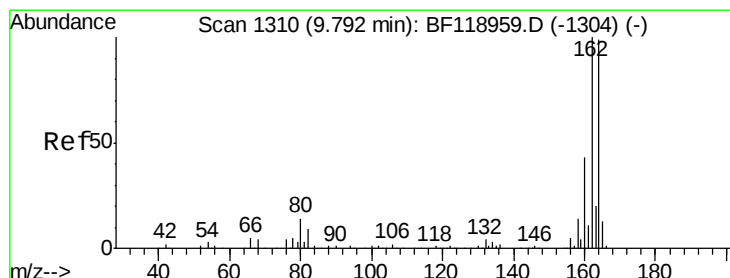
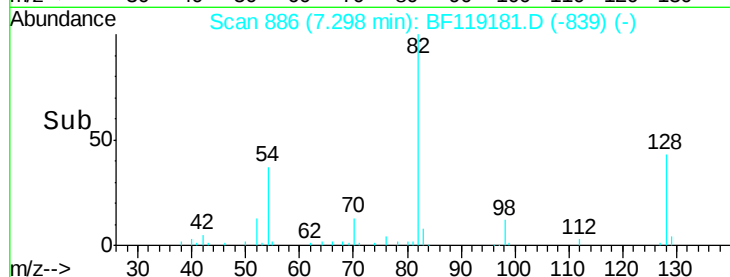
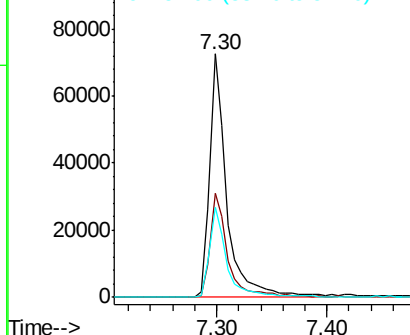


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF119181.D
Acq: 2 Mar 2020 21:20

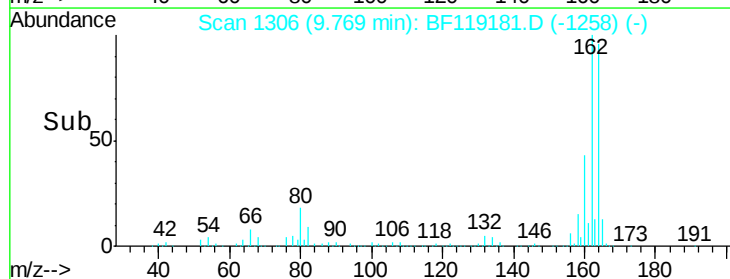
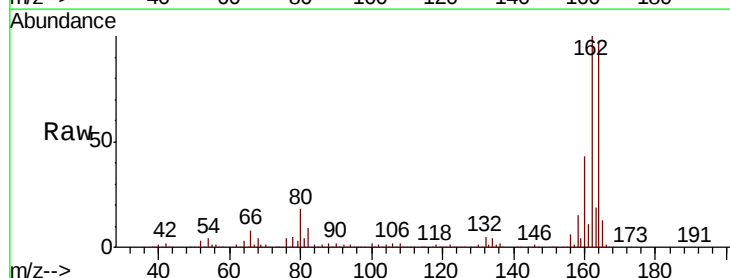
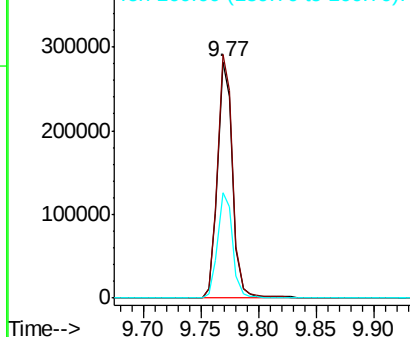
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.8	122.8
160	44.6	36.0	54.0

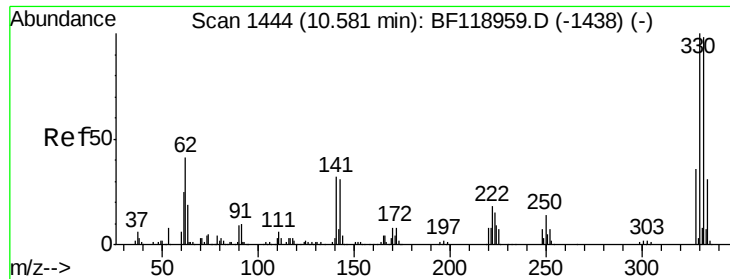
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





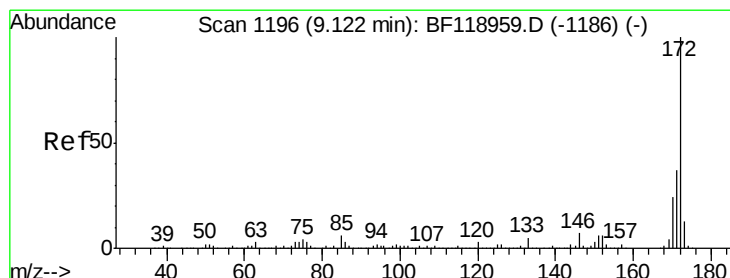
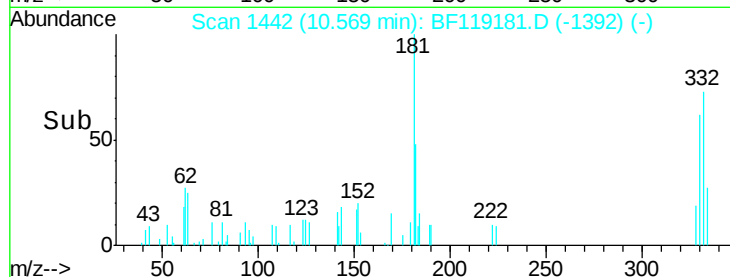
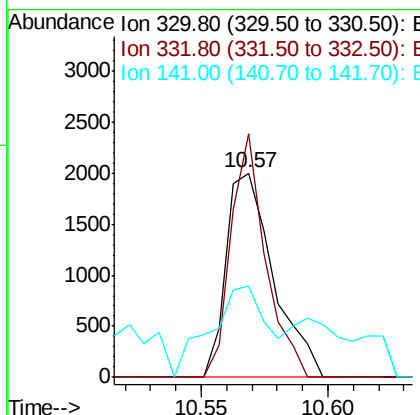
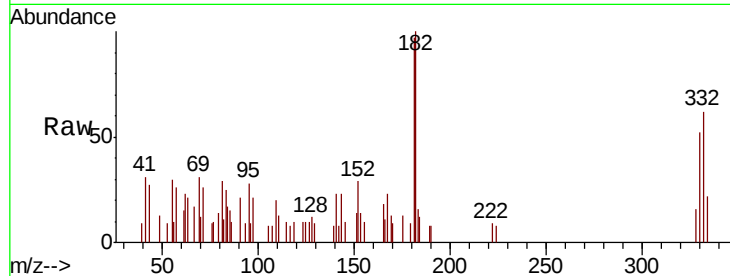
#42
 2,4,6-Tribromophenol
 Concen: 0.774 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119181.D
 Acq: 2 Mar 2020 21:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-01-010-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	87.0	76.0	114.0
141	53.8	22.9	34.3

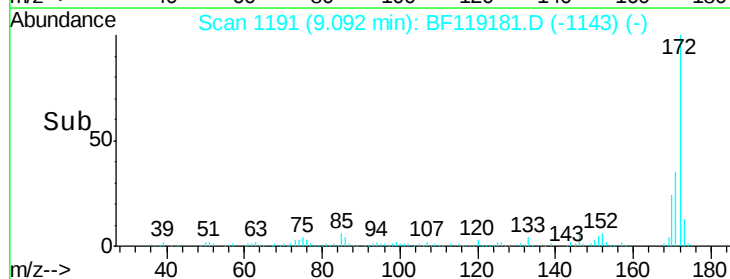
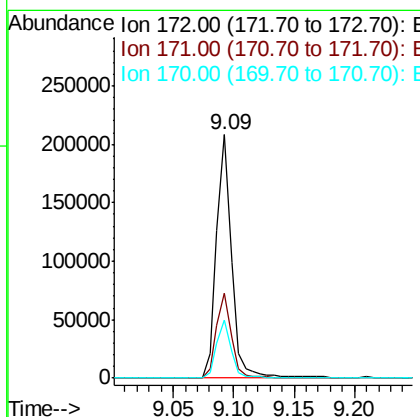
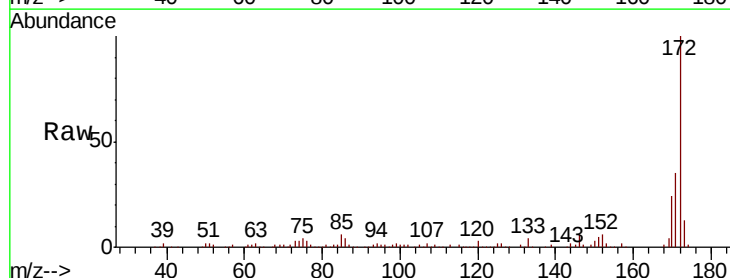
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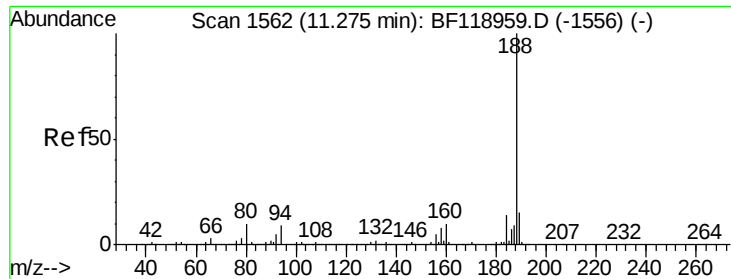
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#45
 2-Fluorobiphenyl
 Concen: 10.360 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF119181.D
 Acq: 2 Mar 2020 21:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.6	45.8
170	24.1	20.2	30.2





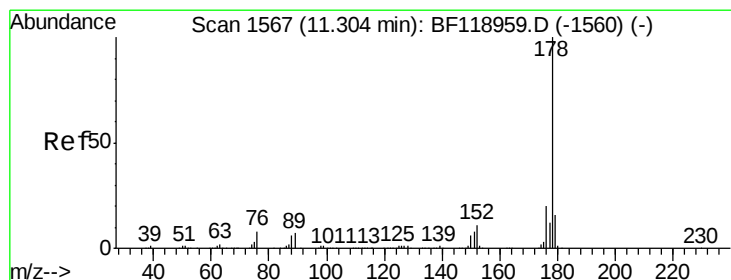
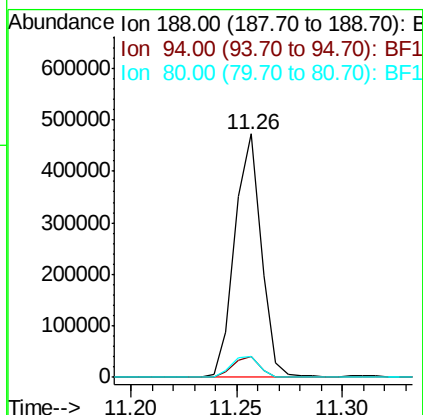
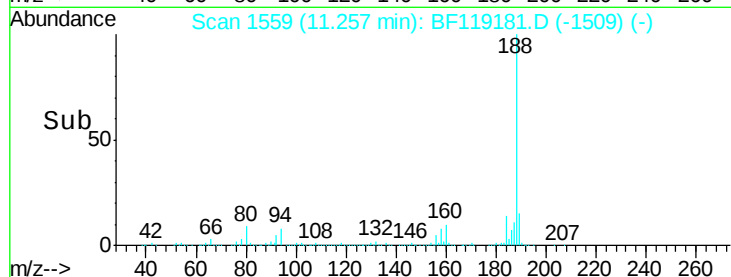
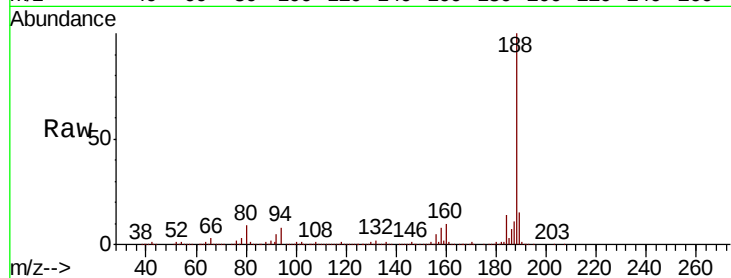
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF119181.D
Acq: 2 Mar 2020 21:20

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-010-B

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.4	7.1	10.7
80	8.8	7.8	11.8

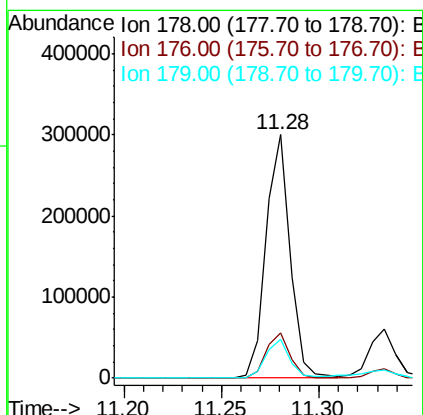
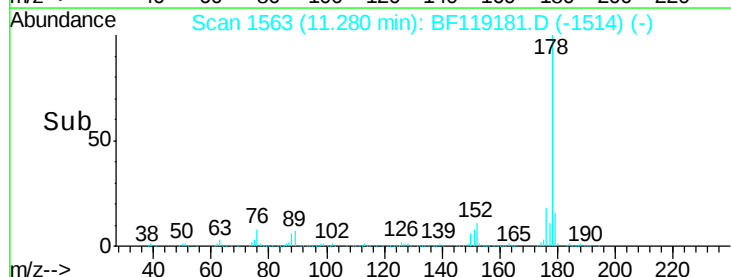
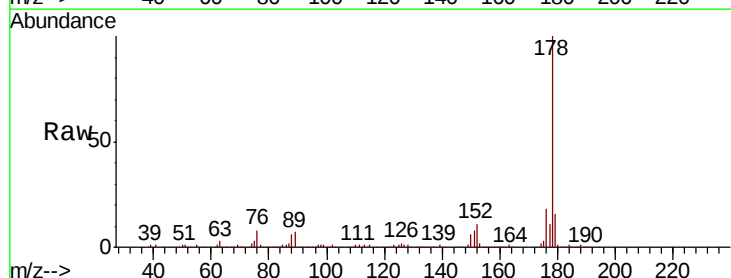
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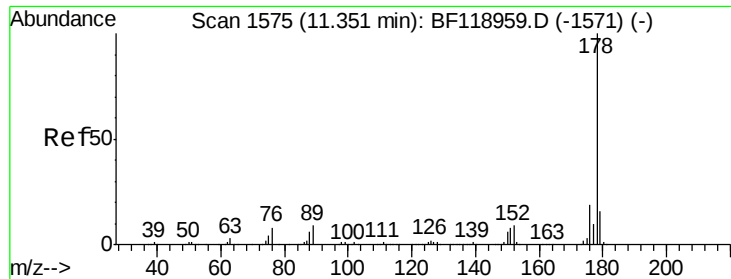
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#71
Phenanthrene
Concen: 11.526 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF119181.D
Acq: 2 Mar 2020 21:20

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.4	16.5	24.7
179	16.0	13.0	19.6





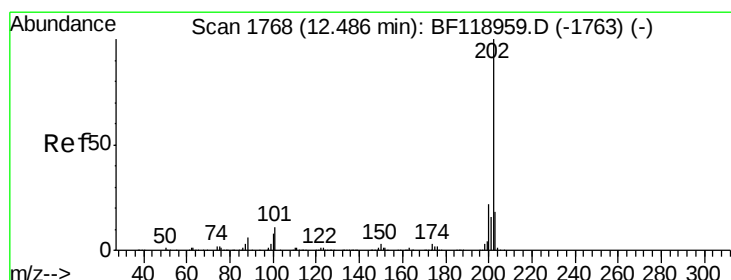
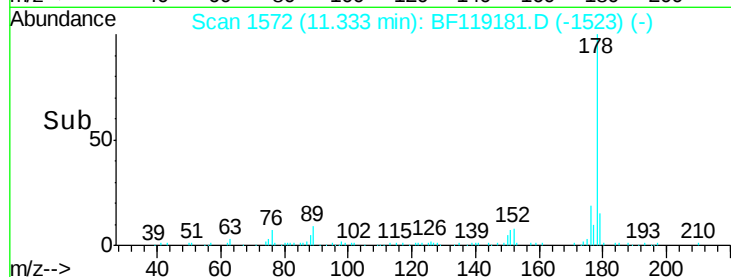
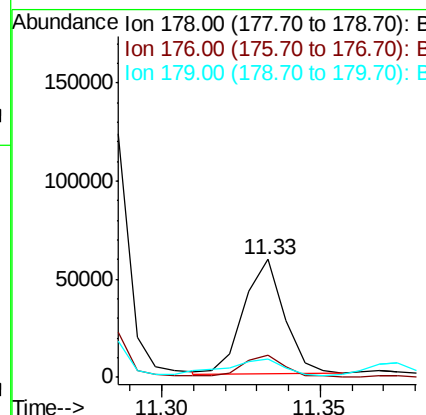
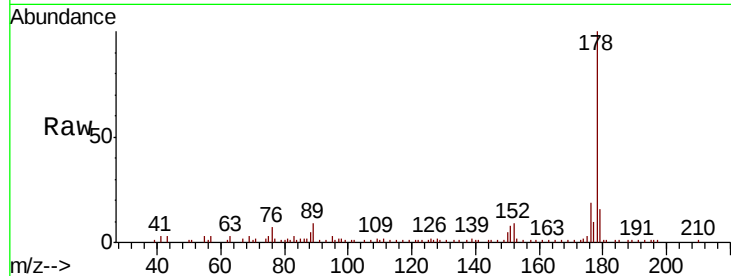
#72
 Anthracene
 Concen: 2.347 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF119181.D
 Acq: 2 Mar 2020 21:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-01-010-B

Tot Ion:	178	Resp:	52245
Ion Ratio	Lower	Upper	
178	100		
176	19.0	16.0	24.0
179	16.0	13.1	19.7

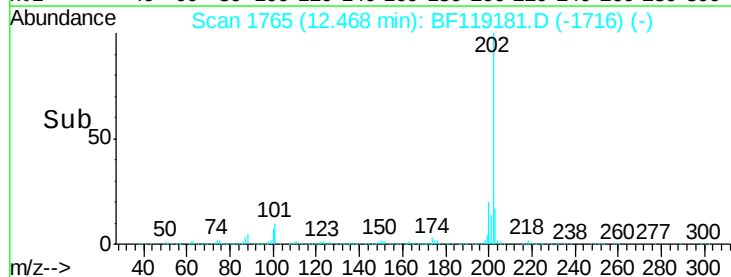
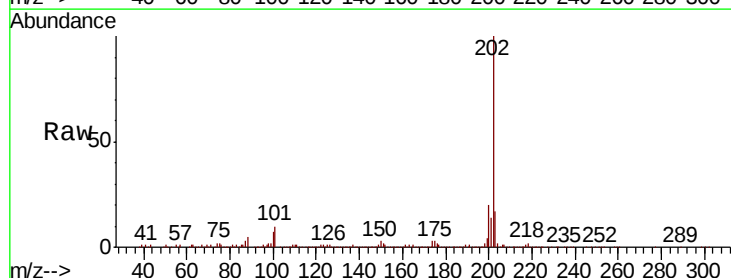
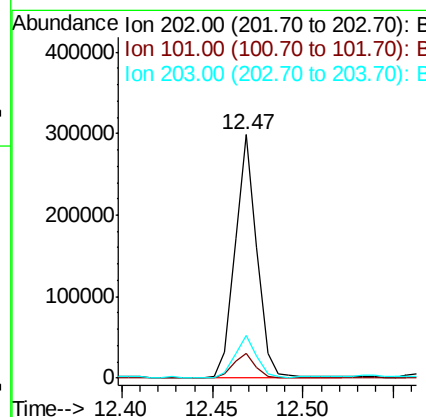
Manual Integrations
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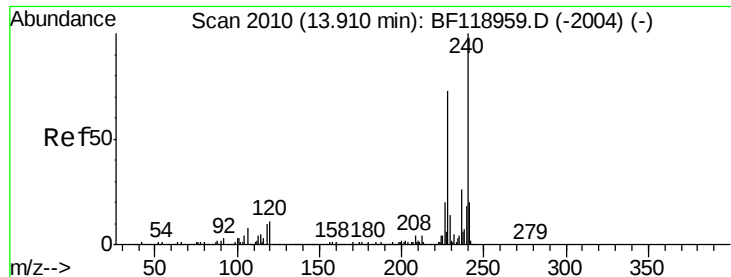
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#75
 Fluoranthene
 Concen: 10.514 ng
 RT: 12.47 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BF119181.D
 Acq: 2 Mar 2020 21:20

Tgt Ion:	202	Resp:	248691
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	30.3
203	17.4	0.0	38.4





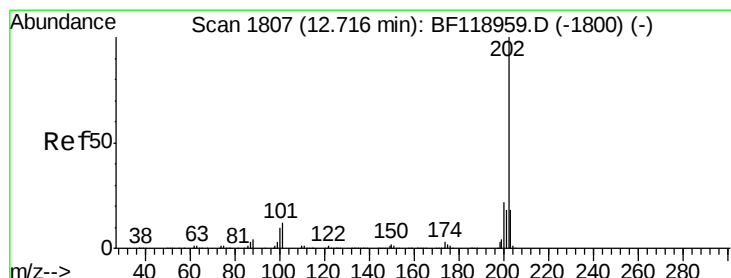
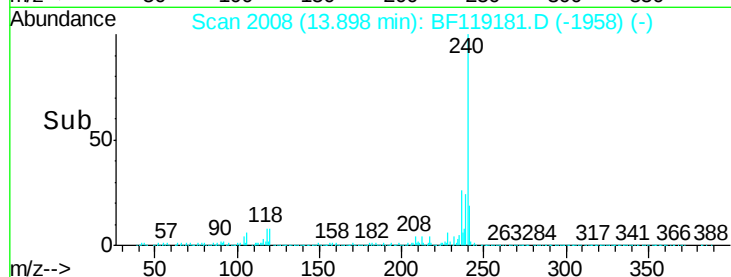
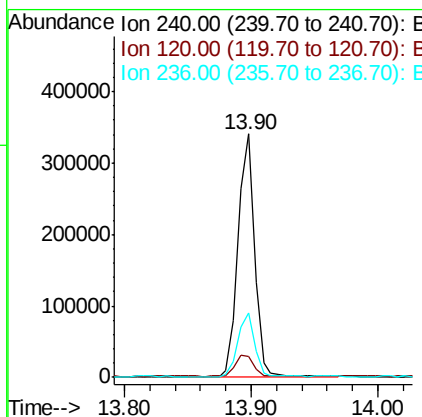
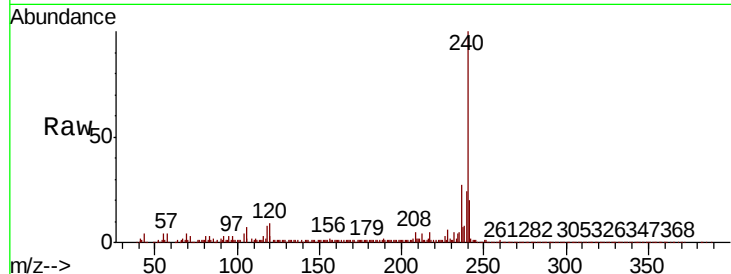
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119181.D
Acq: 2 Mar 2020 21:20

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-010-B

Tot Ion	Ratio	Resp	Lower	Upper
240	100	303801		
120	8.7		8.4	12.6
236	26.6		21.0	31.4

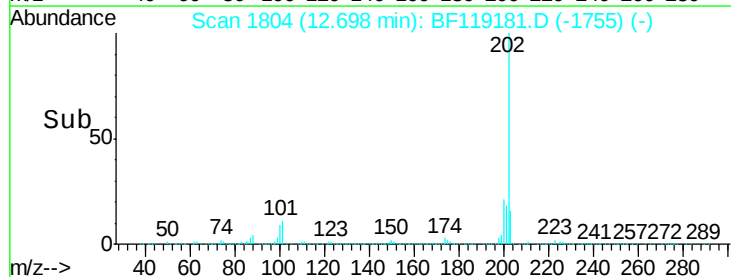
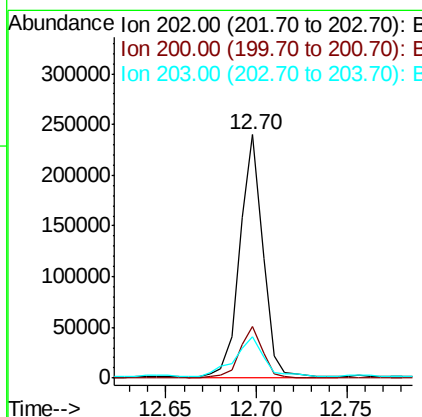
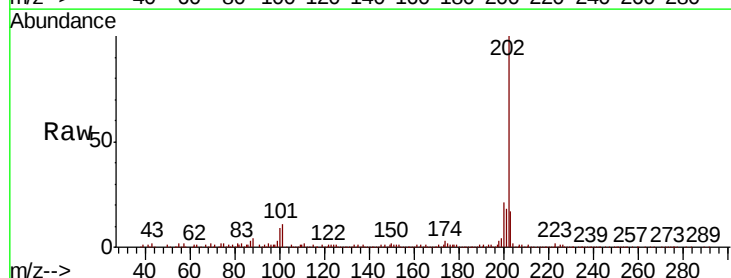
Manual Integrations
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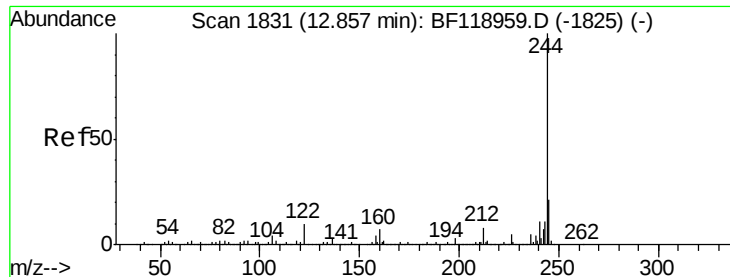
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#78
Pyrene
Concen: 8.642 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF119181.D
Acq: 2 Mar 2020 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	210822		
200	21.4		18.0	27.0
203	17.0		14.6	22.0





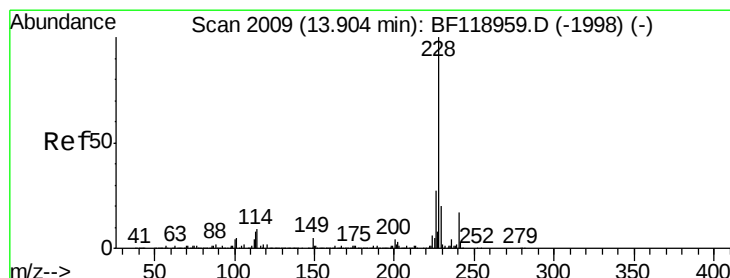
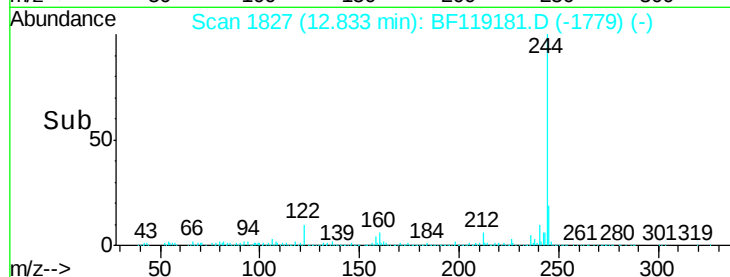
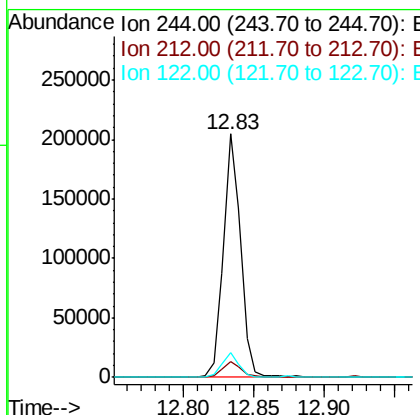
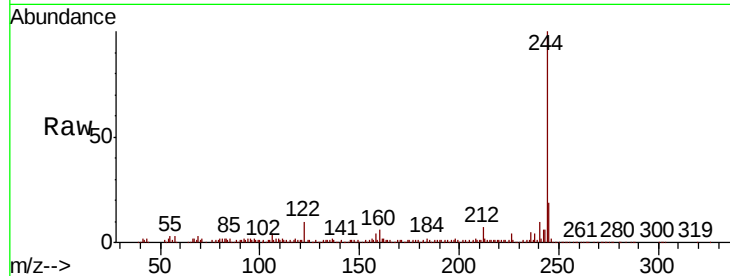
#79
 Terphenyl-d14
 Concen: 9.921 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.02 min
 Lab File: BF119181.D
 Acq: 2 Mar 2020 21:20

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-01-010-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.6	10.0
122	10.2	8.2	12.2

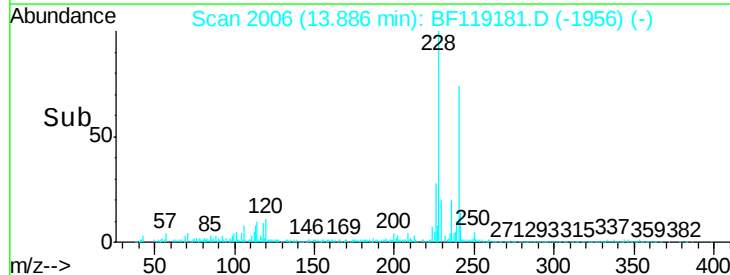
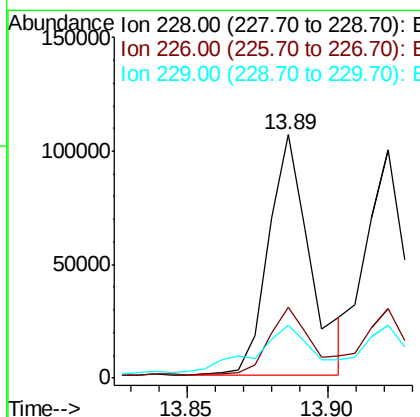
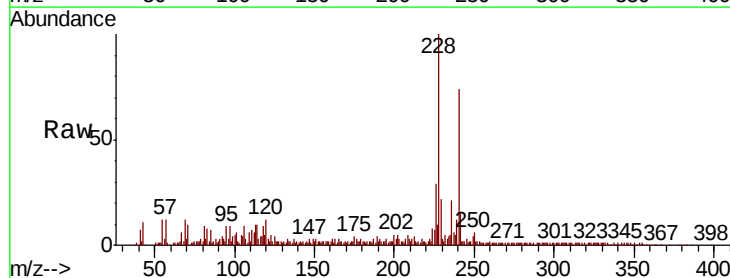
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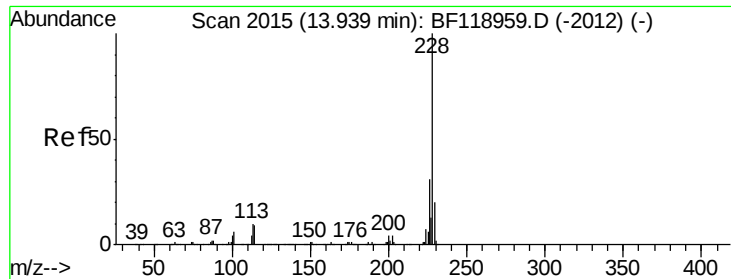
mohammad
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#81
 Benzo(a)anthracene
 Concen: 5.228 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF119181.D
 Acq: 2 Mar 2020 21:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	21.9	16.6	24.8





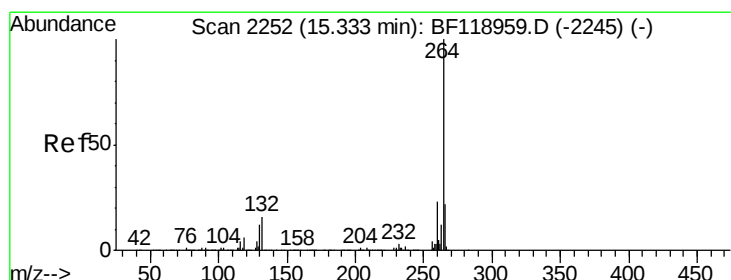
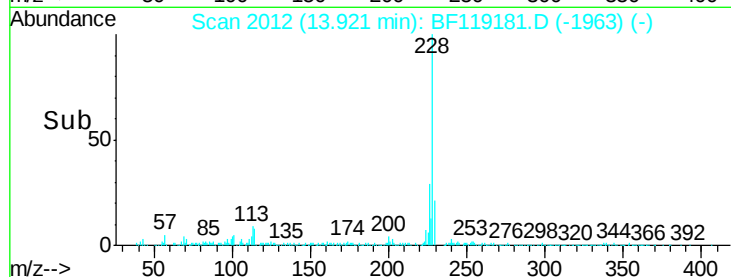
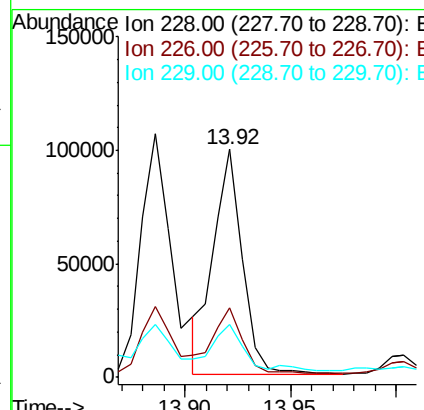
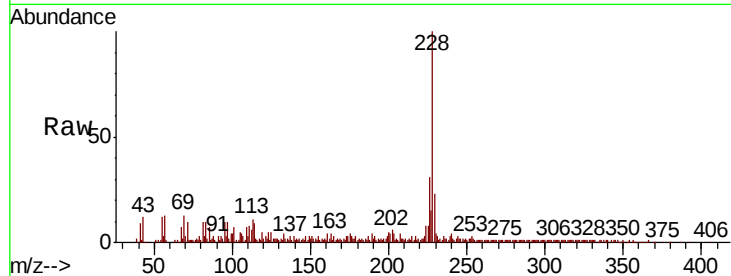
#83
Chrysene
Concen: 4.595 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF119181.D
Acq: 2 Mar 2020 21:20

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-010-B

Tot Ion:	228	Resp:	94770
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.1	37.7
229	23.5	16.3	24.5

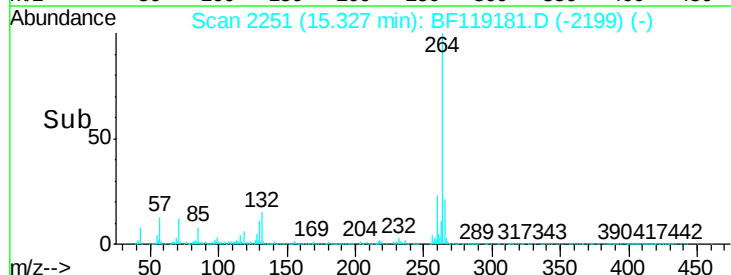
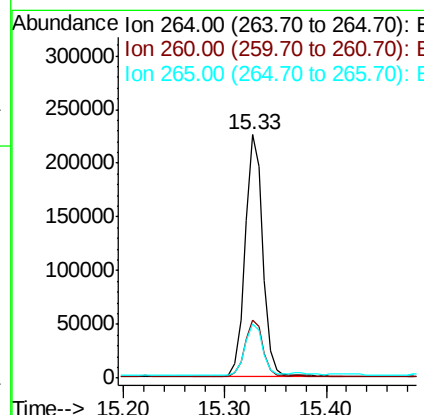
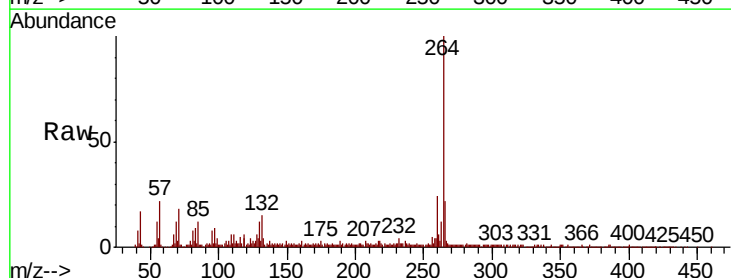
Manual Integrations
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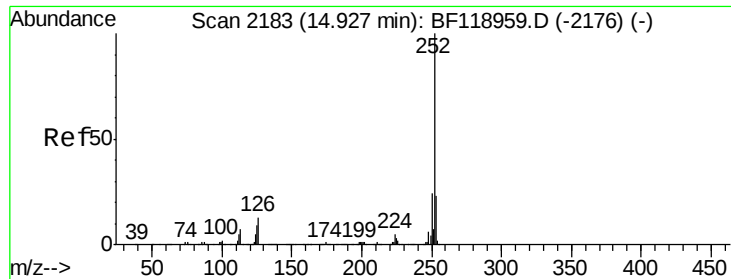
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF119181.D
Acq: 2 Mar 2020 21:20

Tgt Ion:	264	Resp:	271889
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.4	29.2
265	22.4	17.7	26.5





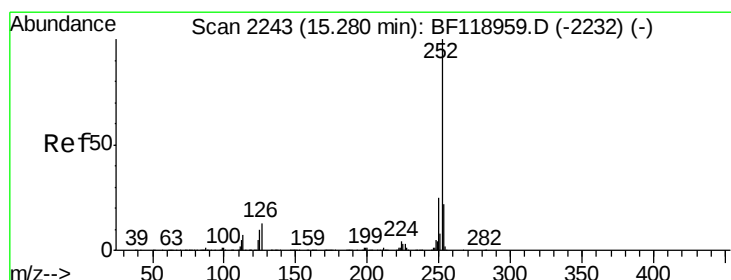
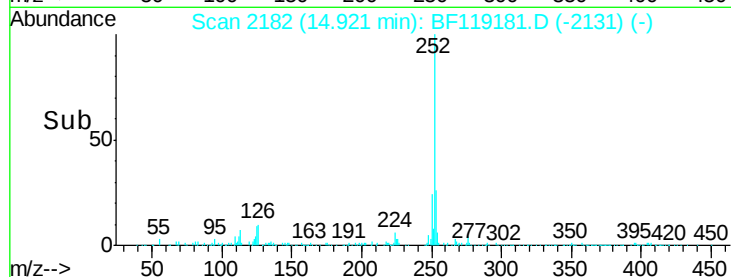
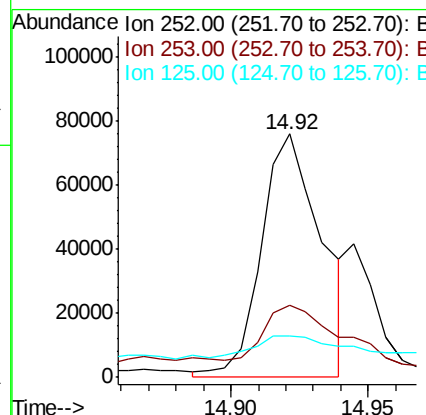
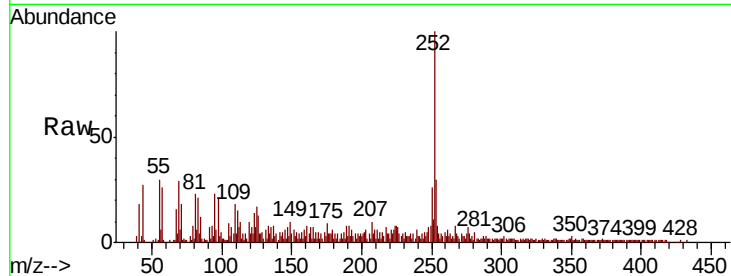
#88
Benzo(b)fluoranthene
Concen: 6.440 ng m
RT: 14.92 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BF119181.D
Acq: 2 Mar 2020 21:20

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-010-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.7	18.1	27.1#
125	16.8	7.4	11.0#

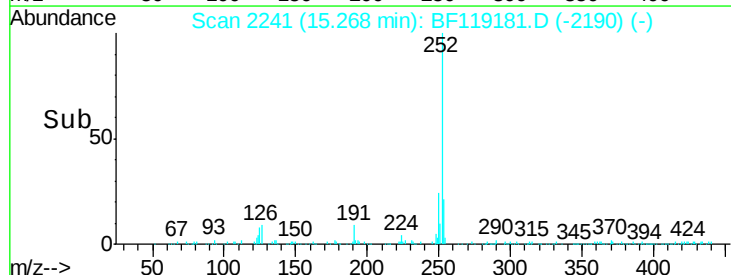
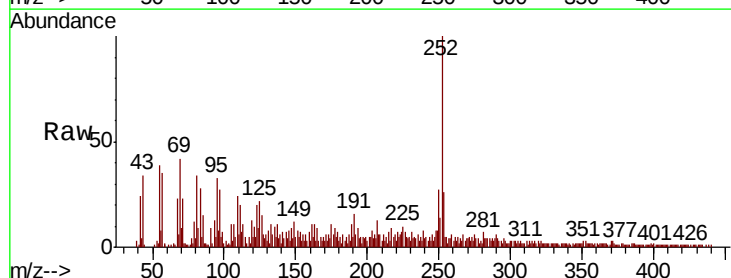
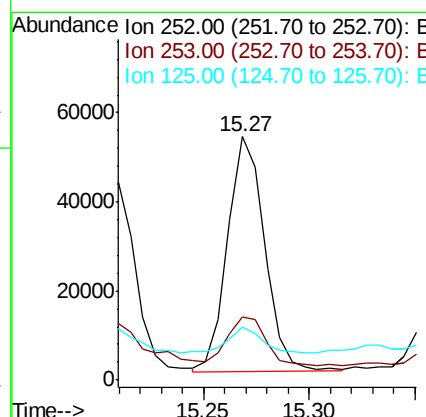
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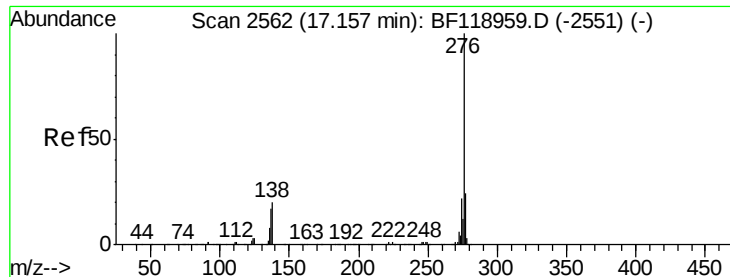
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#90
Benzo(a)pyrene
Concen: 3.965 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BF119181.D
Acq: 2 Mar 2020 21:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.0	27.0
125	21.7	8.6	12.8#





#92

Benzo(a,h,i)perylene

Concen: 2.032 ng

RT: 17.17 min Scan# 2564

Delta R.T. 0.01 min

Lab File: BF119181.D

Acq: 2 Mar 2020 21:20

Instrument :

BNA_F

ClientSampled :

FK-SF-01-010-B

Tot Ion: 276 Resp: 28579

Ion Ratio Lower Upper

276 100

277 28.7 18.7 28.1#

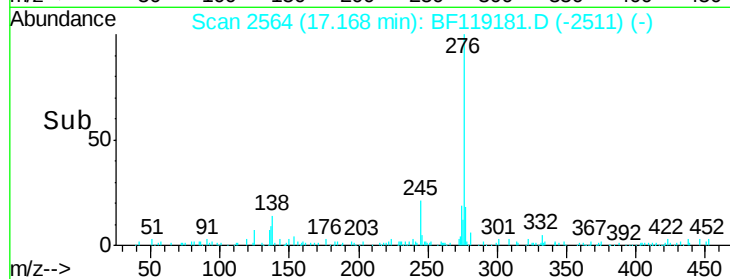
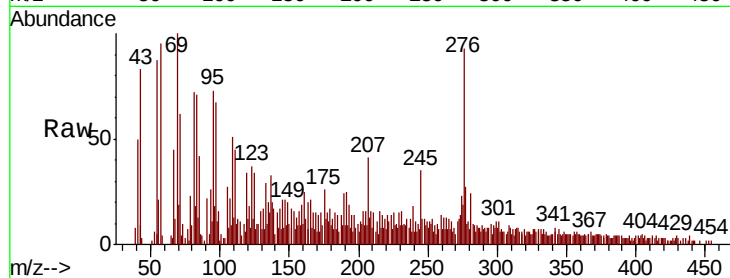
138 21.9 14.3 21.5#

Manual Integrations

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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

