

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115617.D
 Acq On : 17 Jul 2019 00:11
 Operator : HP/JU
 Sample : K3776-01 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-01-006-A

Manual Integrations
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Quant Time: Jul 17 06:44:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	150519	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	474081	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	228335	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	438946	20.00	ng	0.00
76) Chrysene-d12	14.05	240	295476	20.00	ng	0.00
87) Perylene-d12	15.54	264	241548	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	204665	22.24	ng	0.00
7) Phenol-d6	6.51	99	380313	32.57	ng	0.00
23) Nitrobenzene-d5	7.44	82	184867	22.67	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	22230	8.34	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	377327	28.92	ng	-0.01
79) Terphenyl-d14	12.99	244	411919	25.72	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.63	163	35732	2.080	ng	98
71) Phenanthrene	11.43	178	101643	4.517	ng	97
75) Fluoranthene	12.62	202	180249	7.581	ng	99
78) Pyrene	12.85	202	170733	6.820	ng	97
81) Benzo(a)anthracene	14.04	228	63304	3.252	ng	# 93
83) Chrysene	14.07	228	64803	3.316	ng	# 89
88) Benzo(b)fluoranthene	15.10	252	55471m	3.566	ng	
90) Benzo(a)pyrene	15.47	252	37000	2.768	ng	# 54
92) Benzo(g,h,i)perylene	17.48	276	25794	2.204	ng	# 64

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

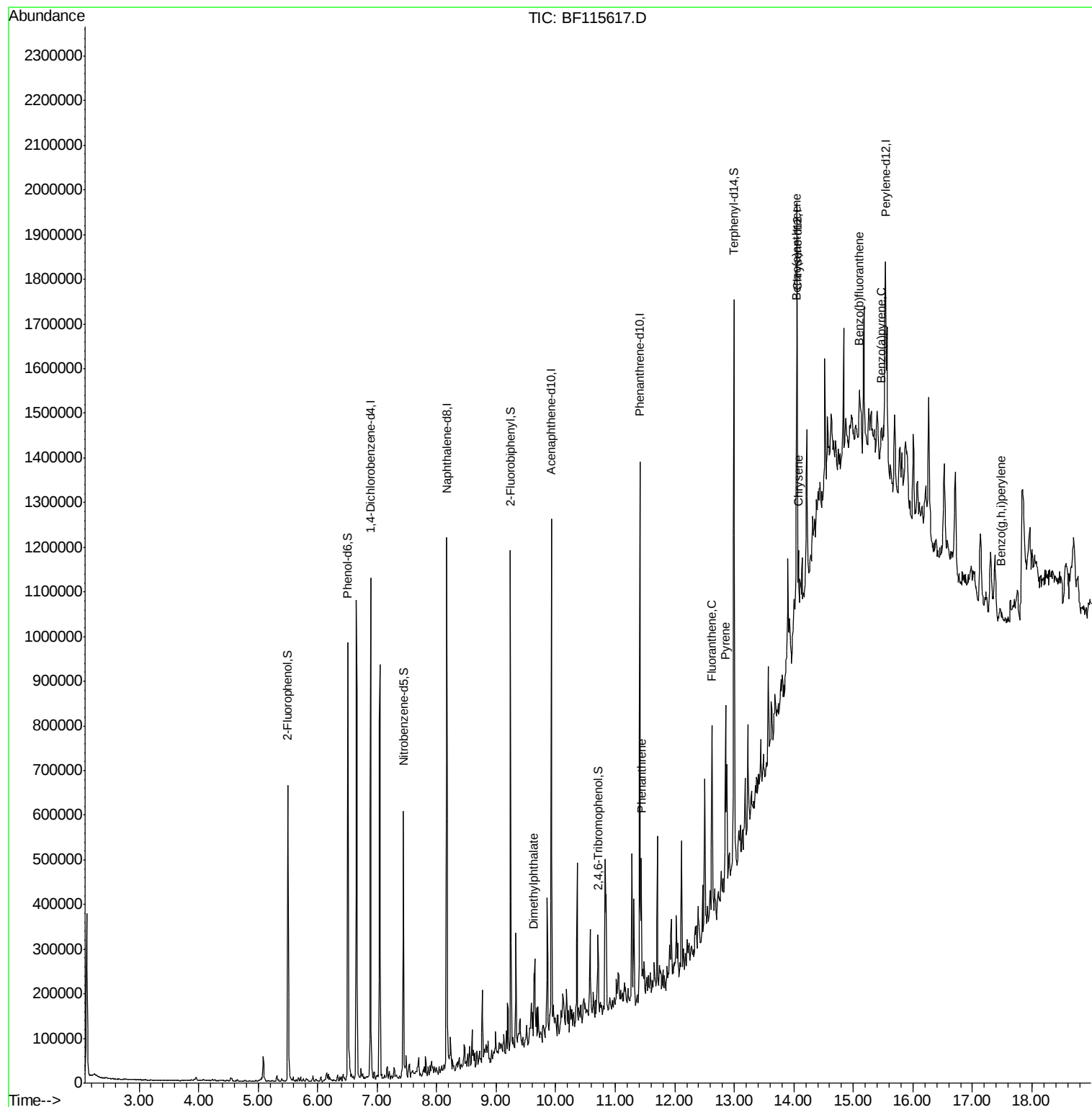
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
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#1

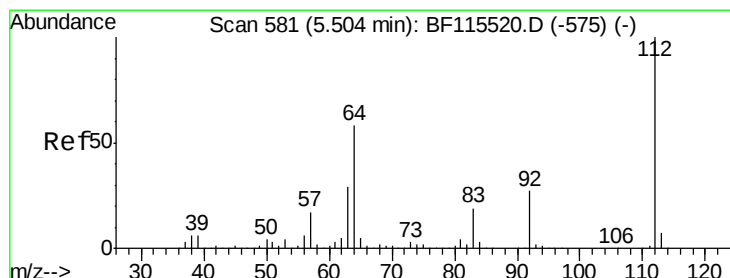
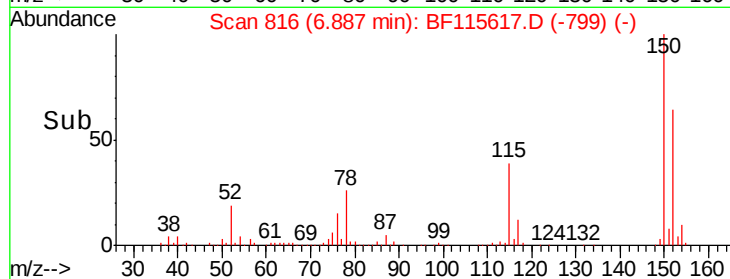
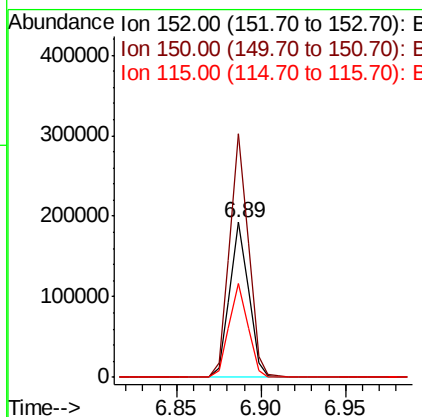
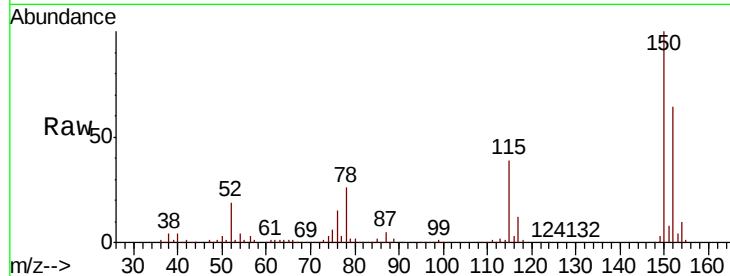
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF115617.D
Acq: 17 Jul 2019 00:11

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-006-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	129.7	194.5
115	60.6	48.2	72.4

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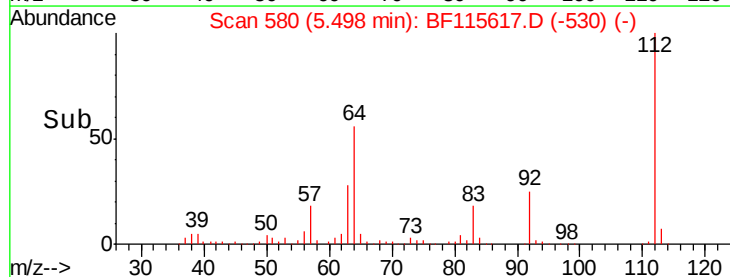
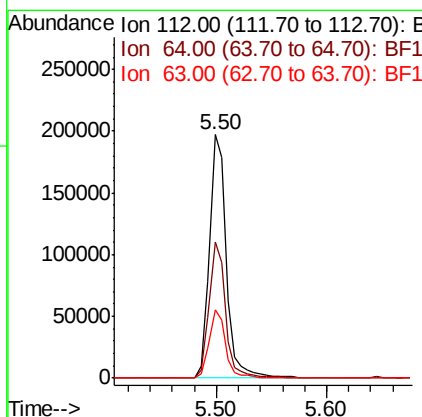
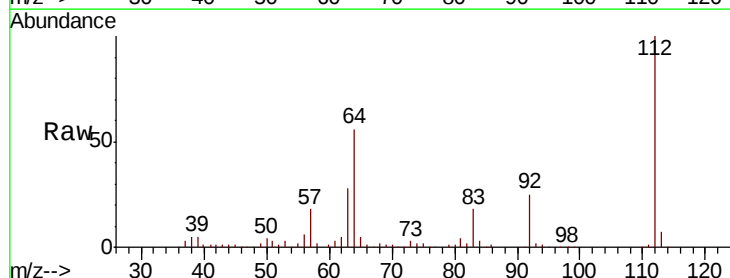
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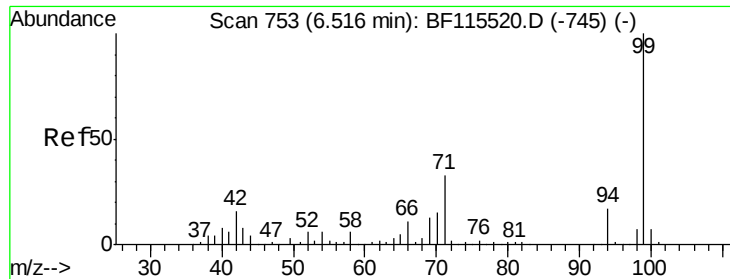


#5

2-Fluorophenol
Concen: 22.241 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF115617.D
Acq: 17 Jul 2019 00:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	46.8	70.2
63	28.1	24.1	36.1





#7

Phenol-d6

Concen: 32.571 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115617.D

Acq: 17 Jul 2019 00:11

Instrument :

BNA_F

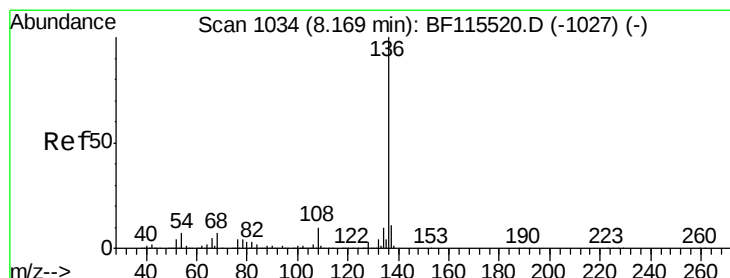
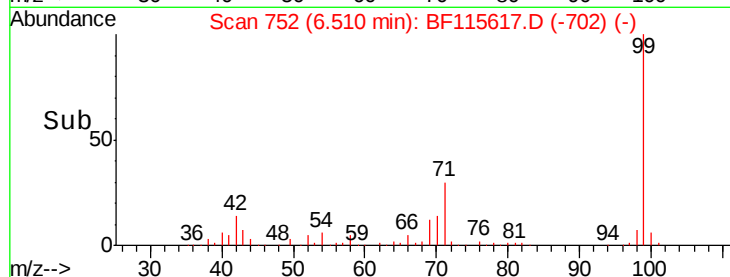
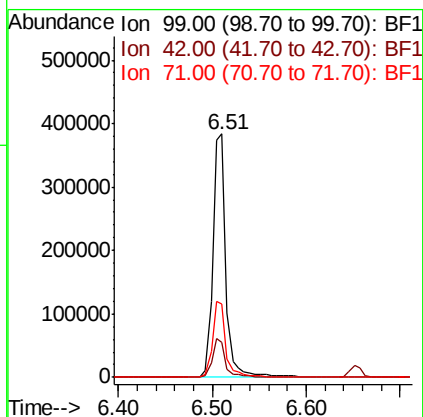
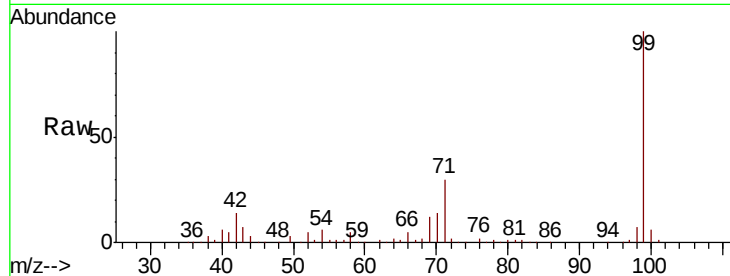
ClientSampleId :

FK-SF-01-006-A

Tot Ion:	99	Resp:	380313
Ion Ratio	Lower	Upper	
99	100		
42	14.4	13.6	20.4
71	30.0	28.5	42.7

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#21

Naphthalene-d8

Concen: 20.000 ng

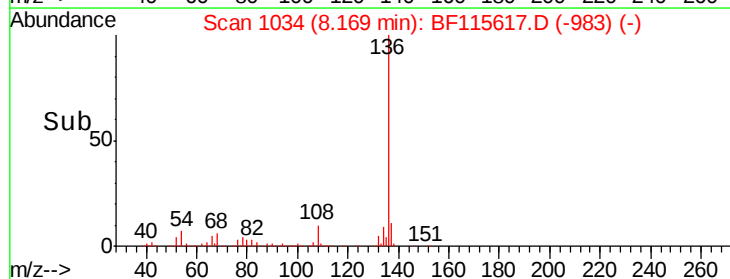
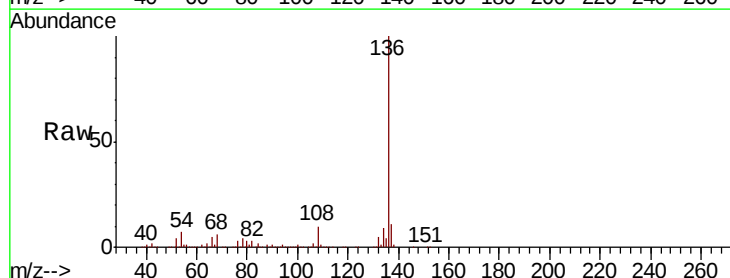
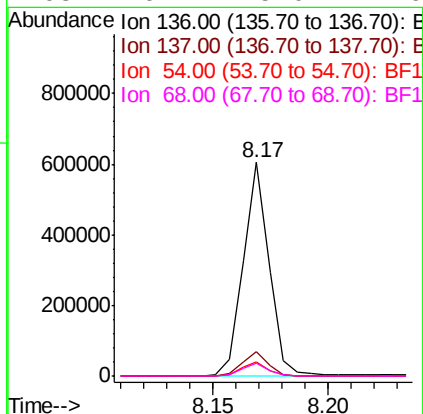
RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF115617.D

Acq: 17 Jul 2019 00:11

Tgt Ion:	136	Resp:	474081
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.4
54	6.6	5.6	8.4
68	6.1	5.0	7.6





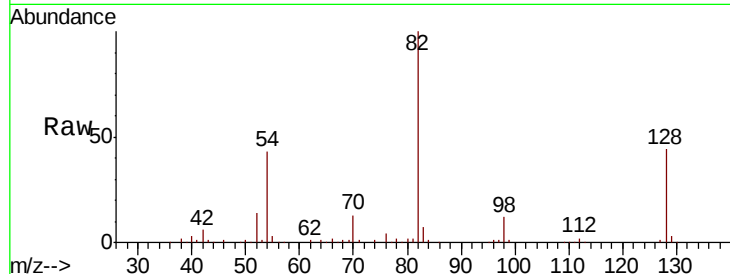
#23
Nitrobenzene-d5
Concen: 22.674 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115617.D
Acq: 17 Jul 2019 00:11

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-006-A

Tot Ion	Ratio	Resp	Lower	Upper
82	100	184867		
128	43.8		38.6	57.8
54	42.5		35.6	53.4

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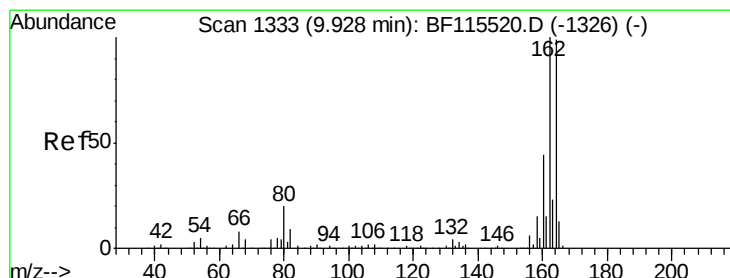
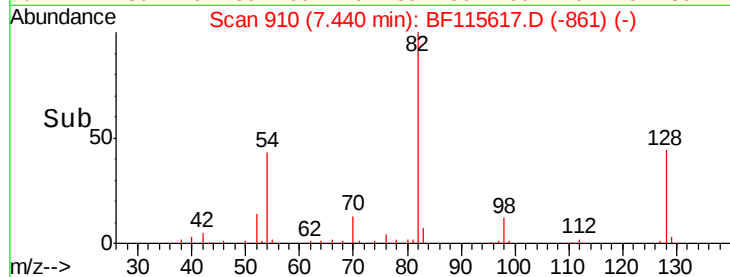
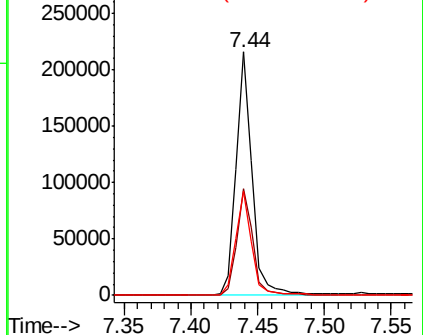


Abundance

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: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF115617.D
Acq: 17 Jul 2019 00:11

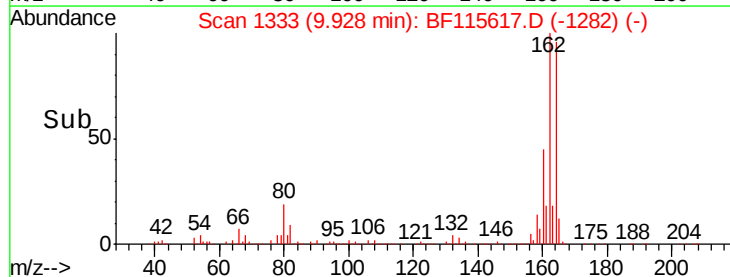
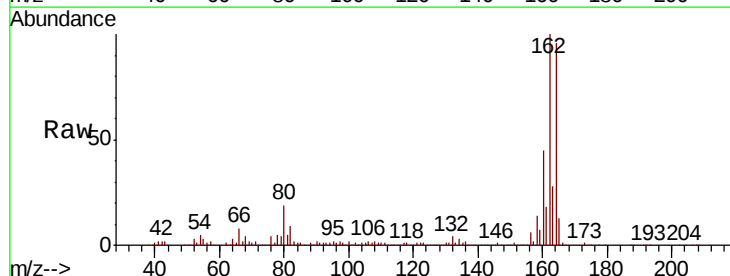
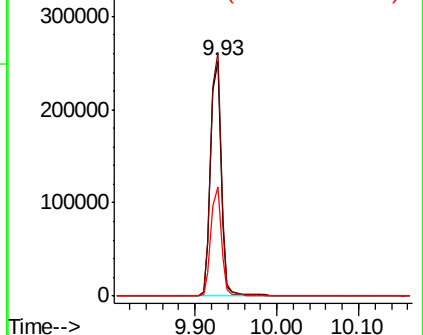
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	228335		
162	103.6		82.9	124.3
160	46.6		36.8	55.2

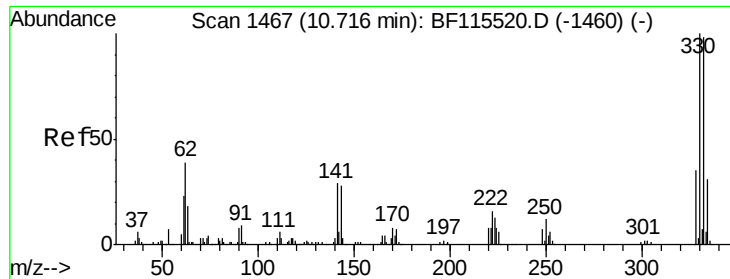
Abundance

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: 8.341 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115617.D

Acq: 17 Jul 2019 00:11

Instrument :

BNA_F

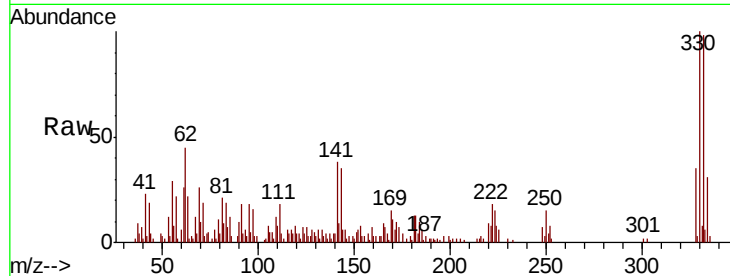
ClientSampleId :

FK-SF-01-006-A

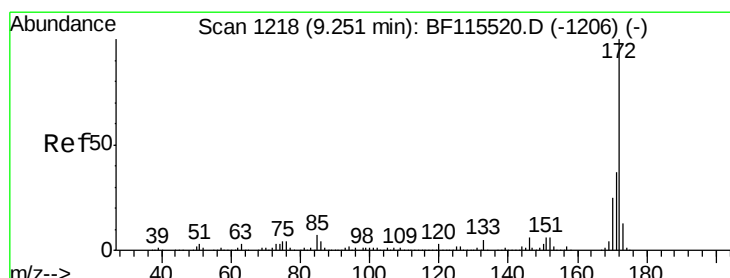
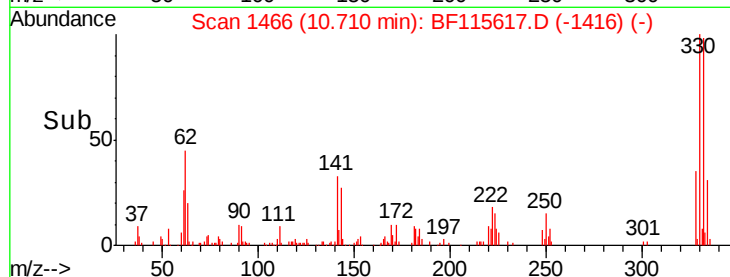
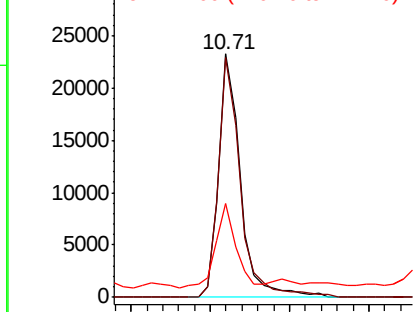
Tot Ion:	330	Resp:	22230
Ion Ratio	Lower	Upper	
330	100		
332	99.0	77.4	116.2
141	32.0	22.4	33.6

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 28.924 ng

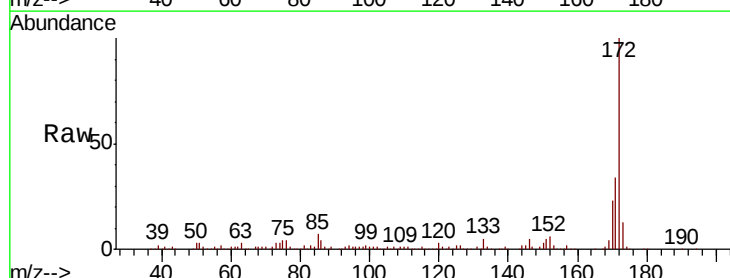
RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

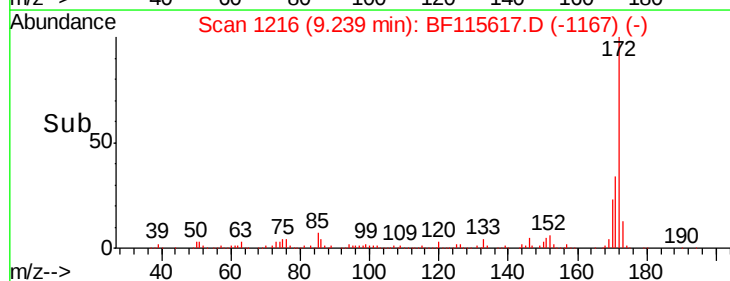
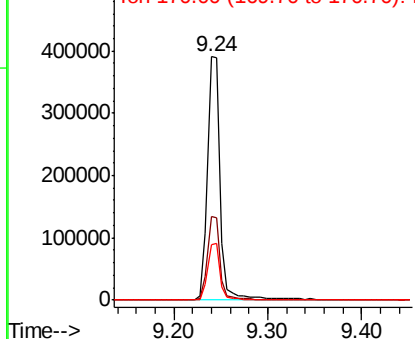
Lab File: BF115617.D

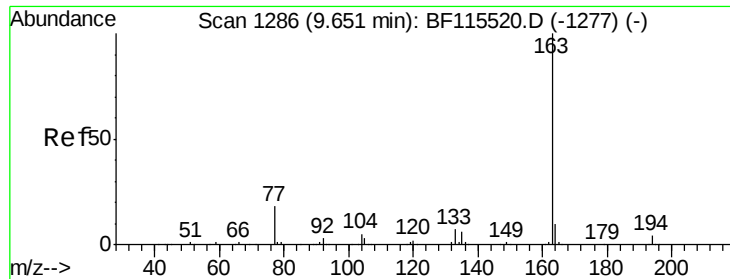
Acq: 17 Jul 2019 00:11

Tgt Ion:	172	Resp:	377327
Ion Ratio	Lower	Upper	
172	100		
171	34.5	30.6	46.0
170	22.9	20.5	30.7



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





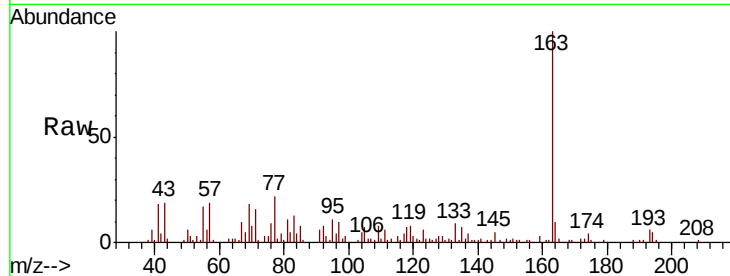
#50
Dimethylphthalate
Concen: 2.080 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF115617.D
Acq: 17 Jul 2019 00:11

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-006-A

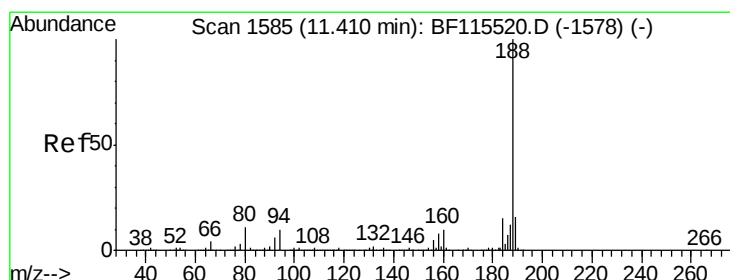
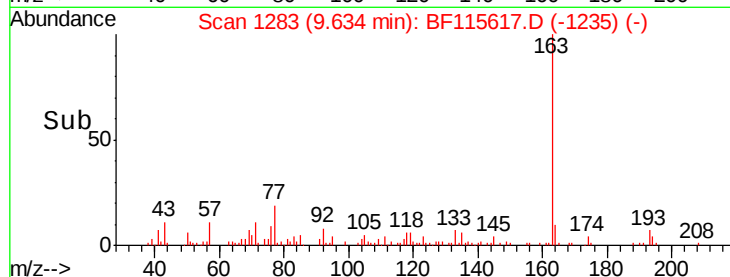
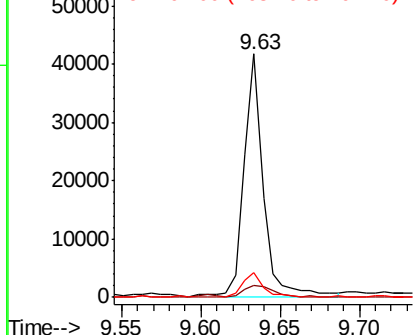
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.3	4.9
164	10.4	8.7	13.1

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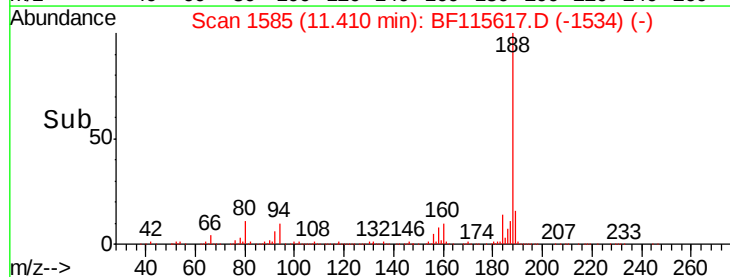
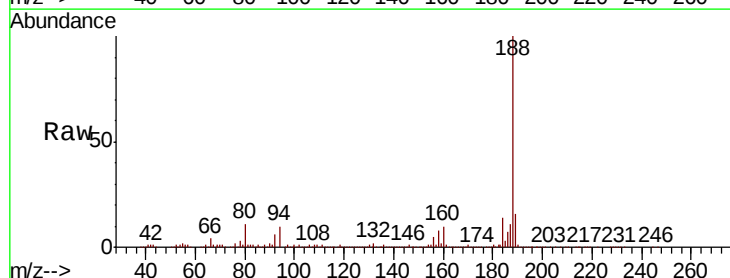
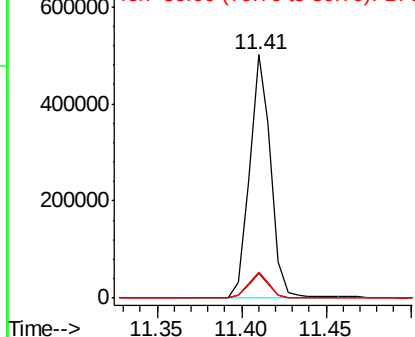
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

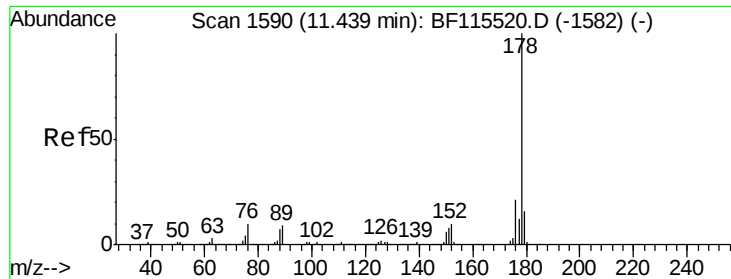


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF115617.D
Acq: 17 Jul 2019 00:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.8	11.6
80	10.7	8.6	13.0

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





#71

Phenanthrene

Concen: 4.517 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF115617.D

Acq: 17 Jul 2019 00:11

Instrument :

BNA_F

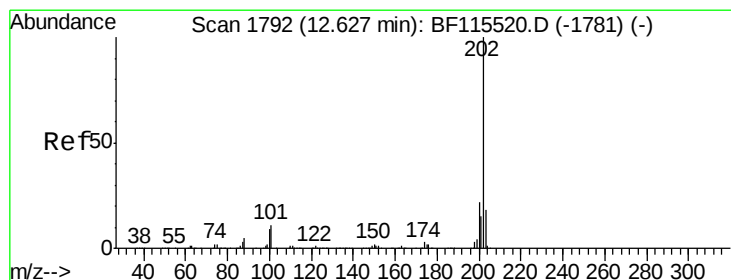
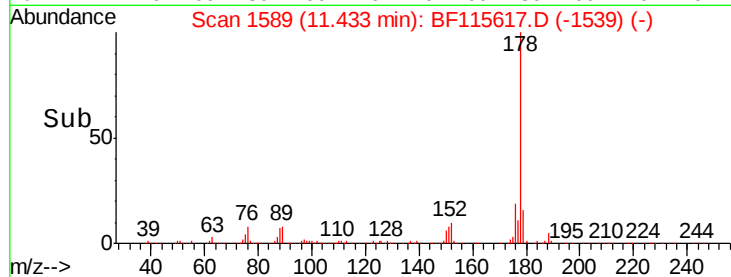
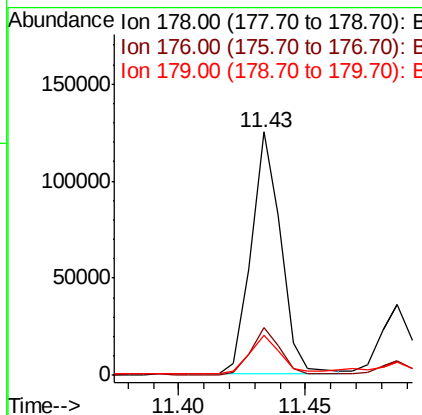
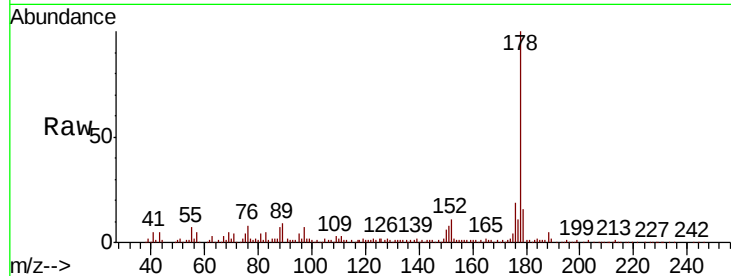
ClientSampleId :

FK-SF-01-006-A

Tot Ion:	178	Resp:	101643
Ion Ratio	Lower	Upper	
178	100		
176	19.5	17.2	25.8
179	16.5	13.5	20.3

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#75

Fluoranthene

Concen: 7.581 ng

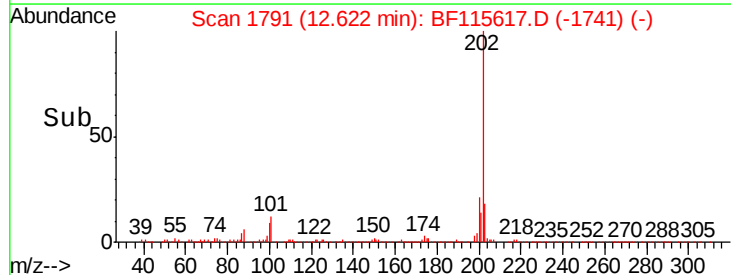
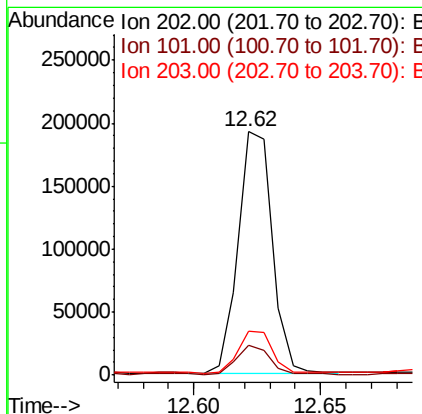
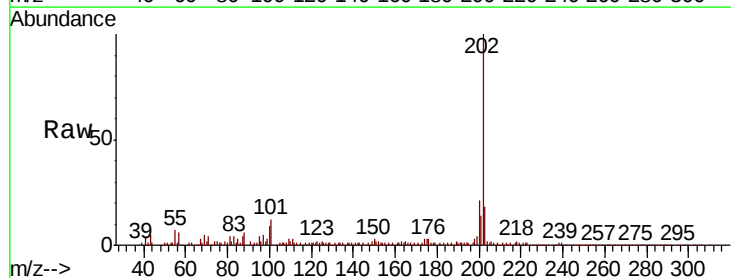
RT: 12.62 min Scan# 1791

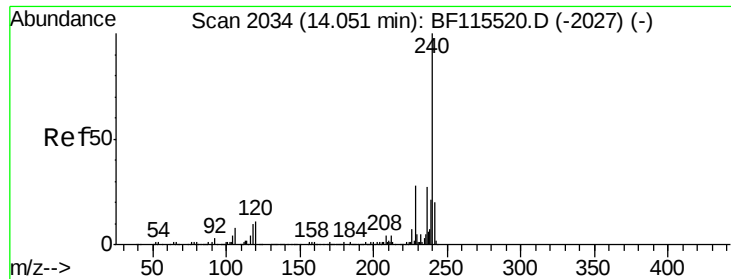
Delta R.T. -0.01 min

Lab File: BF115617.D

Acq: 17 Jul 2019 00:11

Tgt Ion:	202	Resp:	180249
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	31.4
203	18.3	0.0	38.1





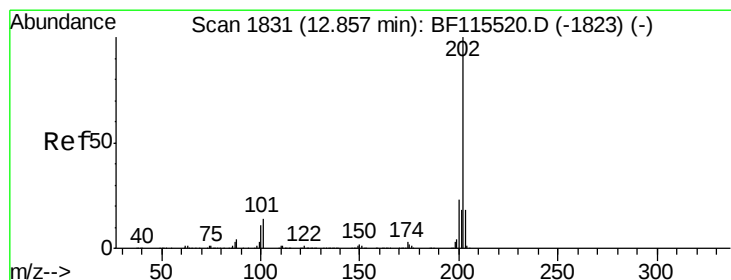
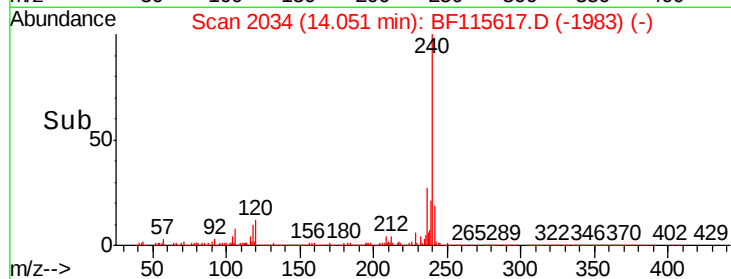
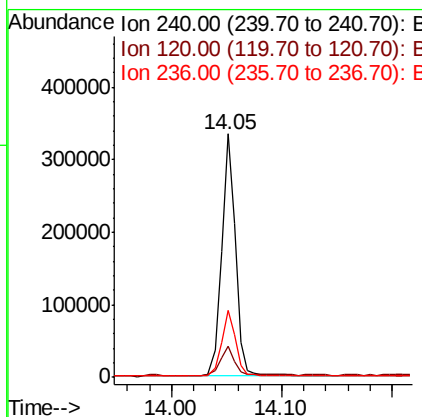
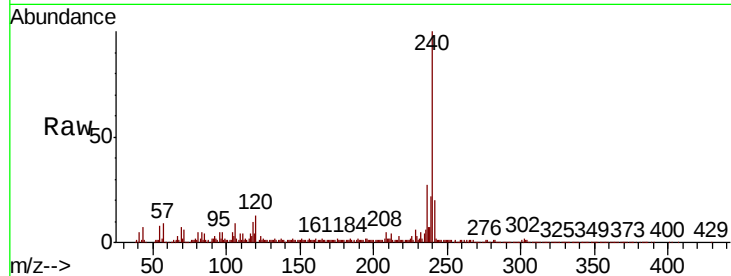
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF115617.D
Acq: 17 Jul 2019 00:11

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-006-A

Tot Ion	Ratio	Resp	Lower	Upper
240	100	295476		
120	12.5		8.6	13.0
236	27.3		21.3	31.9

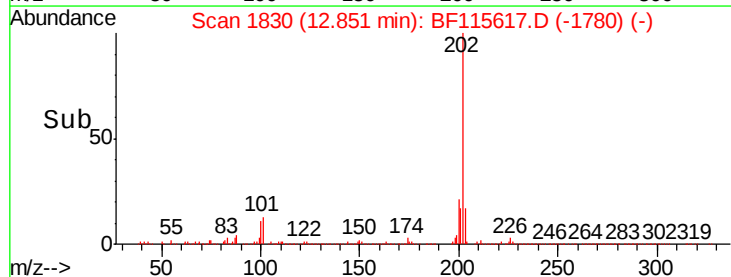
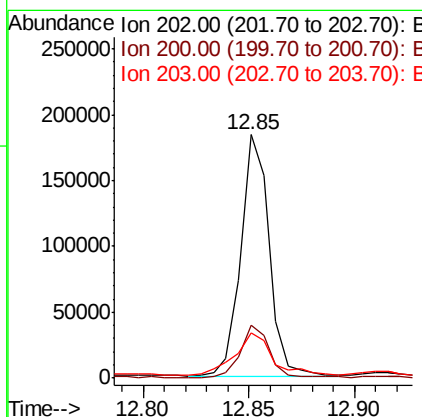
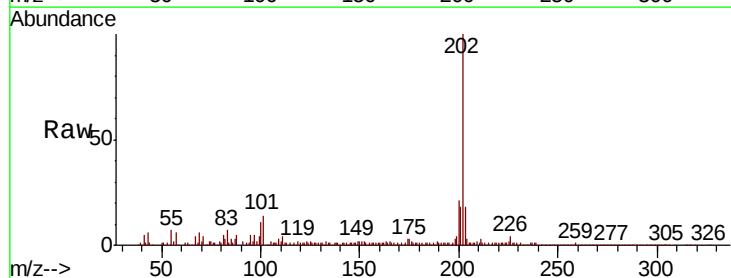
Manual Integrations
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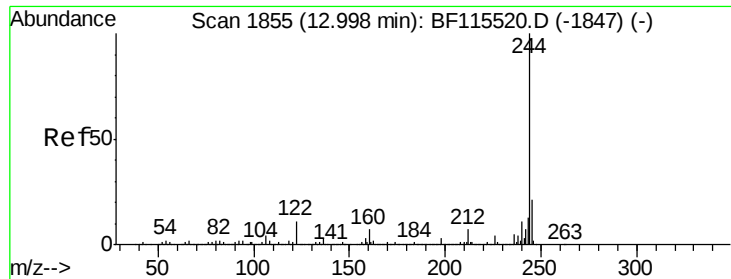
mohammad
7/19/2019 2:26:40 PM



#78
Pyrene
Concen: 6.820 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF115617.D
Acq: 17 Jul 2019 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	170733		
200	21.5		18.7	28.1
203	18.4		15.2	22.8





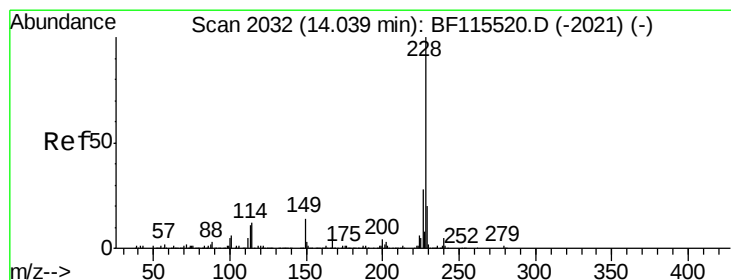
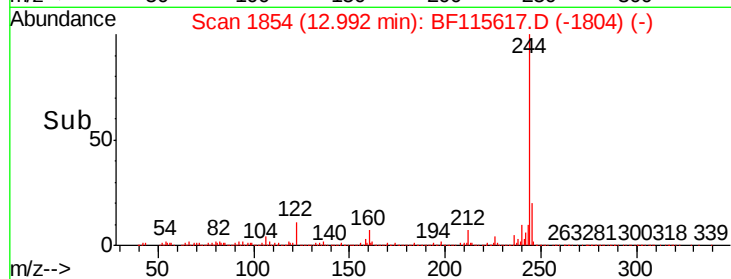
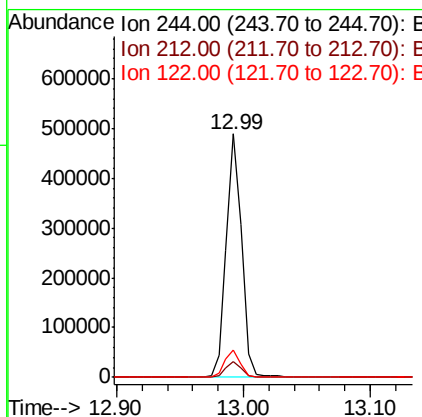
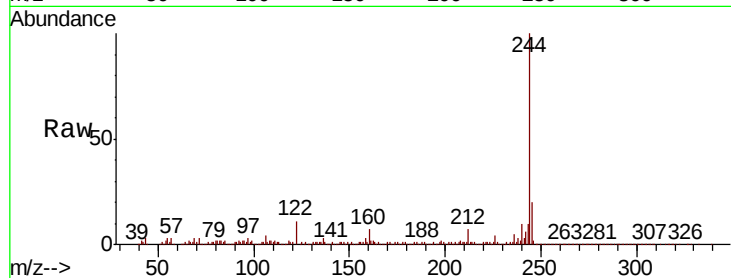
#79
 Terphenyl-d14
 Concen: 25.723 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF115617.D
 Acq: 17 Jul 2019 00:11

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-01-006-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	11.3	8.6	12.8

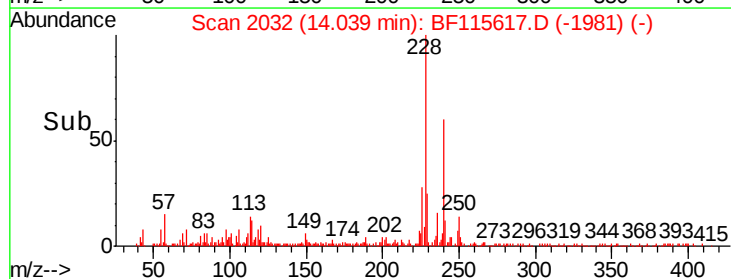
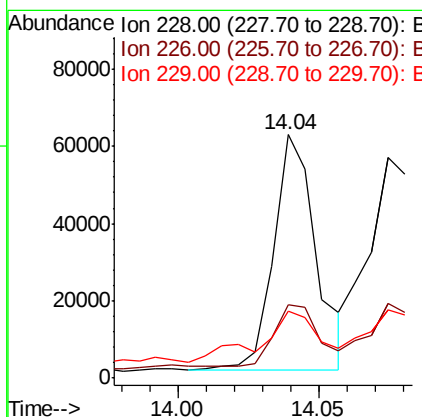
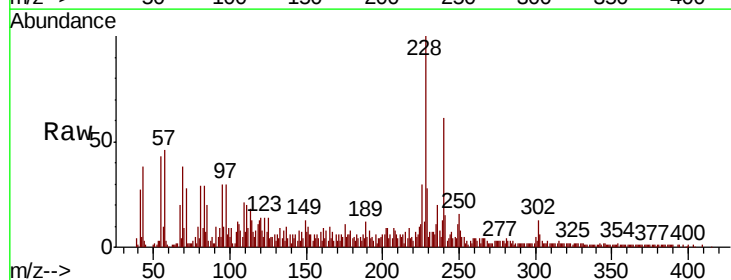
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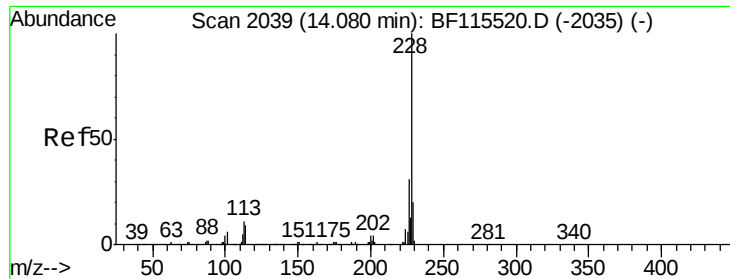
mohammad
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#81
 Benzo(a)anthracene
 Concen: 3.252 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BF115617.D
 Acq: 17 Jul 2019 00:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.0
229	27.5	17.2	25.8





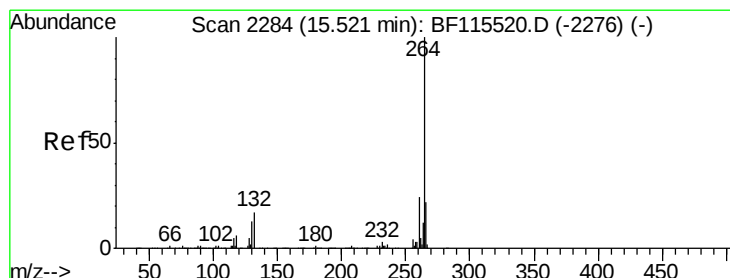
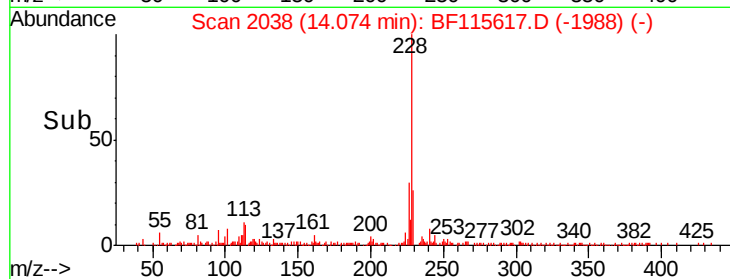
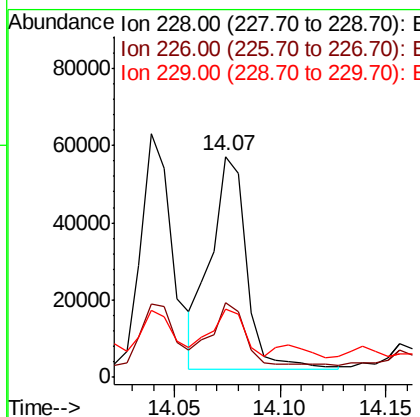
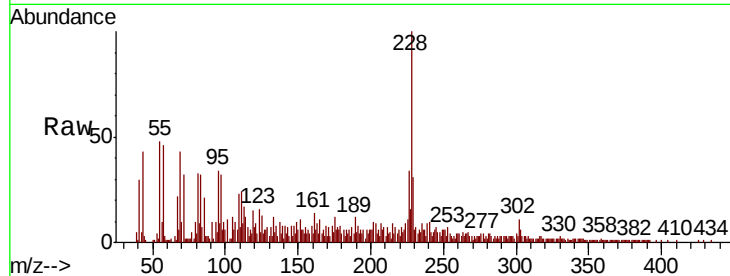
#83
Chrysene
Concen: 3.316 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF115617.D
Acq: 17 Jul 2019 00:11

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-006-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.0	25.7	38.5
229	31.1	16.6	25.0

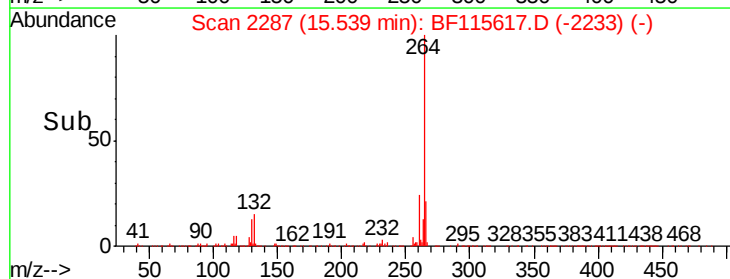
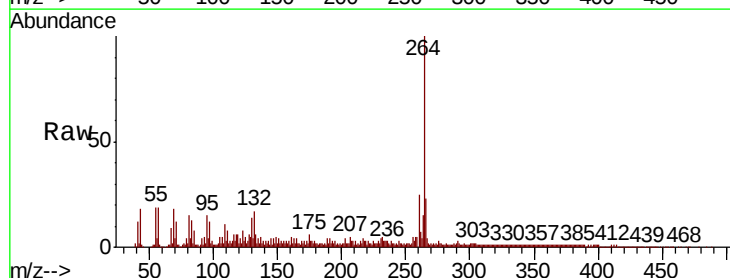
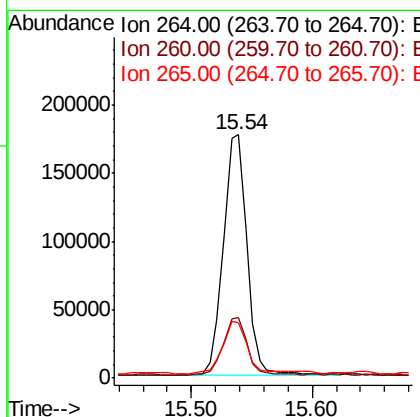
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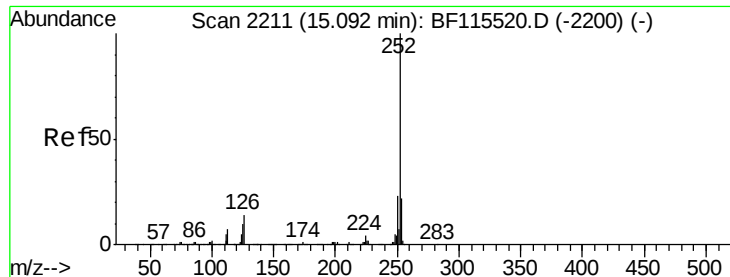
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.02 min
Lab File: BF115617.D
Acq: 17 Jul 2019 00:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.8	29.8
265	23.0	17.7	26.5





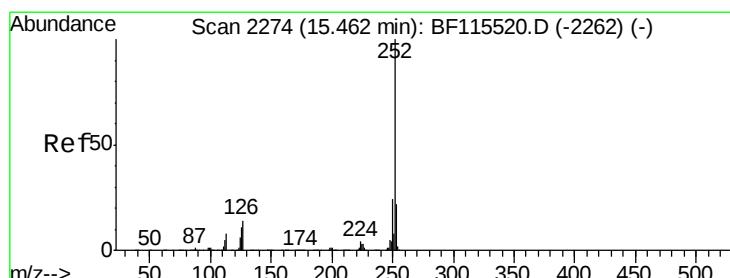
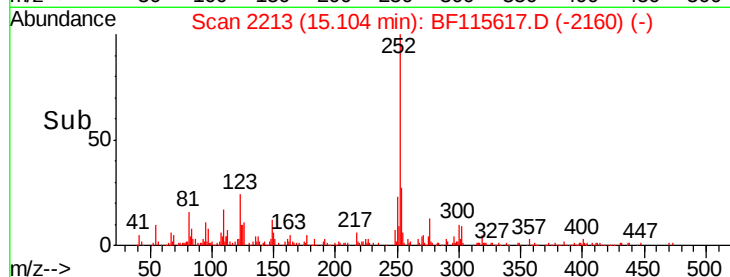
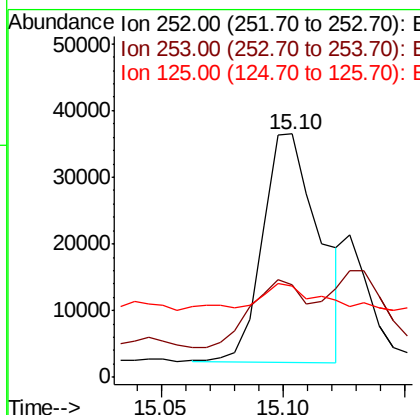
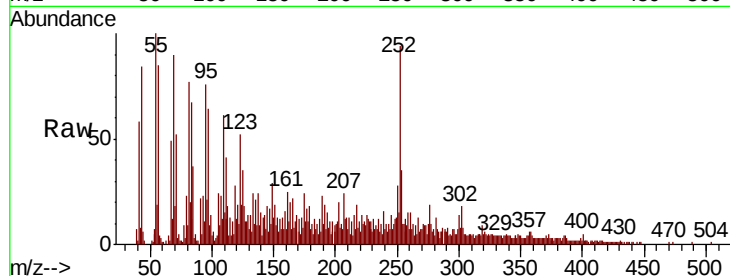
#88
Benzo(b)fluoranthene
Concen: 3.566 ng m
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF115617.D
Acq: 17 Jul 2019 00:11

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-006-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	37.9	18.1	27.1#
125	37.5	9.0	13.4#

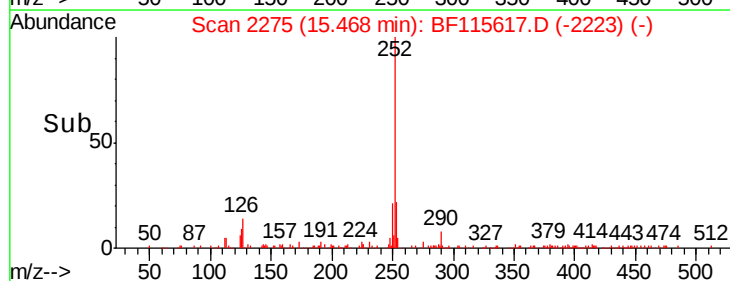
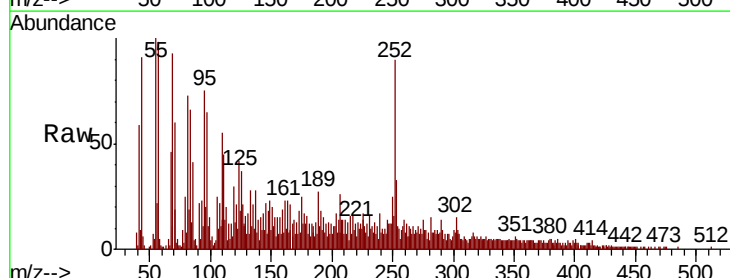
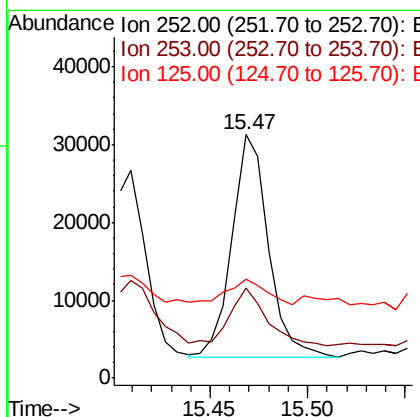
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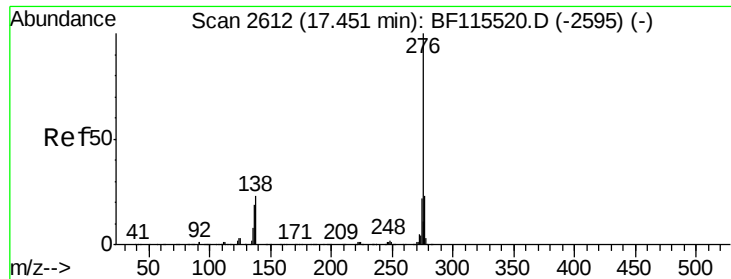
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#90
Benzo(a)pyrene
Concen: 2.768 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF115617.D
Acq: 17 Jul 2019 00:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	37.0	17.8	26.6#
125	40.6	9.1	13.7#





#92
 Benzo(a,h,i)perylene
 Concen: 2.204 ng
 RT: 17.48 min Scan# 2617
 Delta R.T. 0.03 min
 Lab File: BF115617.D
 Acq: 17 Jul 2019 00:11

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-01-006-A

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	41.7	19.0	28.4	#
138	38.4	17.2	25.8	#

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