

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071719\
 Data File : BF115639.D
 Acq On : 17 Jul 2019 22:59
 Operator : HP/JU
 Sample : K3840-03 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-02-005-B

Manual Integrations
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Quant Time: Jul 18 06:50:17 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	133240	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	489732	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	183074	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	292751	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	217356	20.00	ng	-0.02
87) Perylene-d12	15.50	264	177147	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	101799	12.50	ng	0.00
7) Phenol-d6	6.50	99	198982	19.25	ng	-0.01
23) Nitrobenzene-d5	7.43	82	120077	14.26	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	11101	5.19	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	199643	19.09	ng	-0.02
79) Terphenyl-d14	12.98	244	147927	12.56	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.62	163	28039	2.036	ng	99
71) Phenanthrene	11.42	178	48463	3.230	ng	96
75) Fluoranthene	12.61	202	76728	4.839	ng	98
78) Pyrene	12.84	202	72193	3.920	ng	98
81) Benzo(a)anthracene	14.02	228	28886	2.017	ng	# 90
83) Chrysene	14.06	228	29863	2.077	ng	# 91
88) Benzo(b)fluoranthene	15.07	252	25632m	2.247	ng	

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

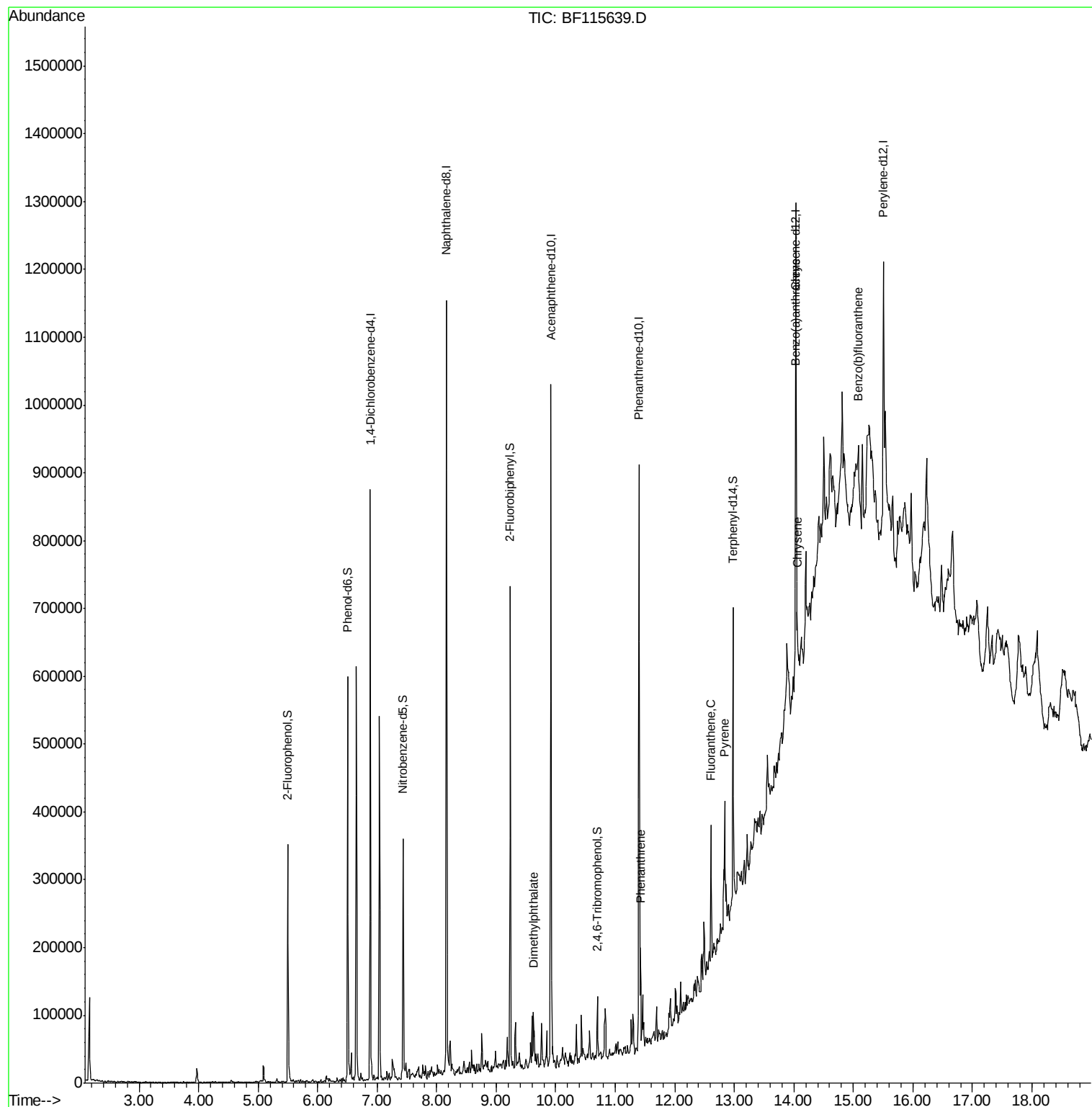
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071719\
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Misc :
ALS Vial : 20 Sample Multiplier: 1

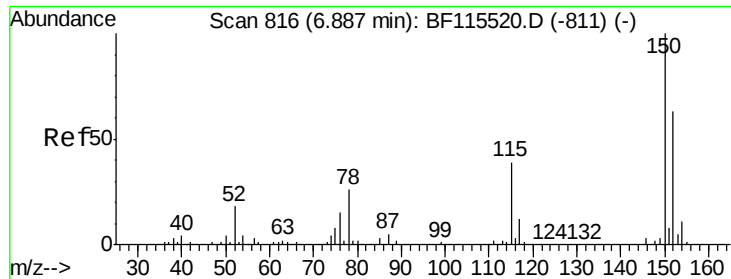
Instrument :
BNA_F
ClientSampleId :
FK-SF-02-005-B

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Quant Time: Jul 18 06:50:17 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





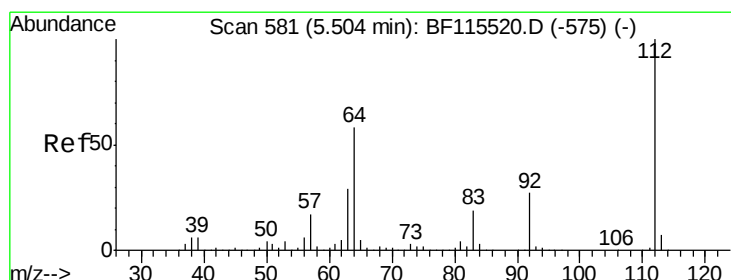
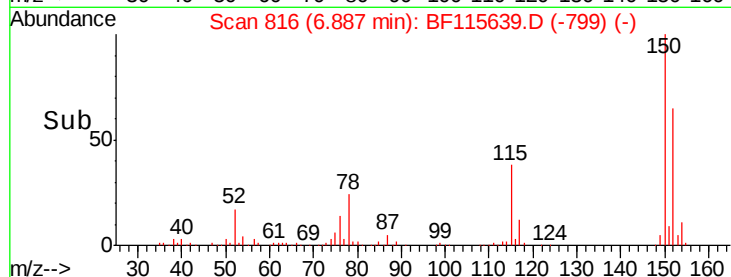
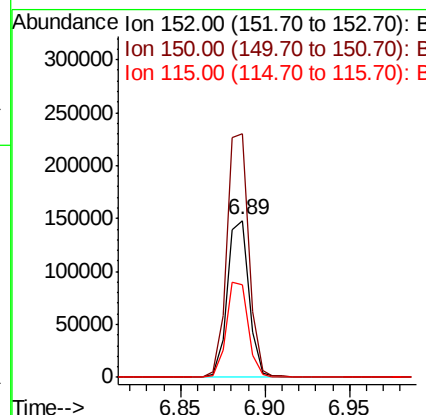
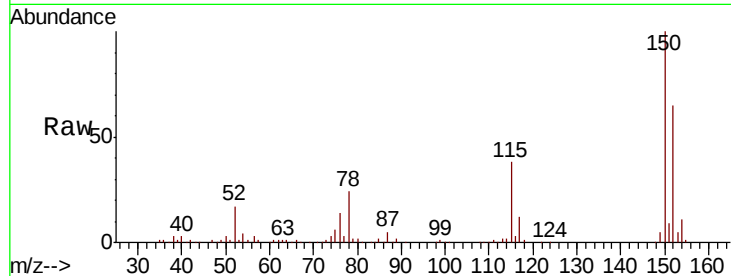
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF115639.D
 Acq: 17 Jul 2019 22:59

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-02-005-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	129.7	194.5
115	58.9	48.2	72.4

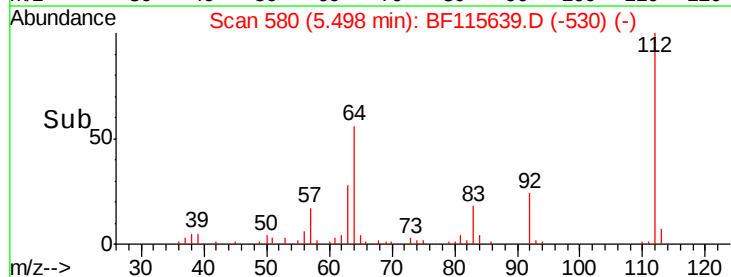
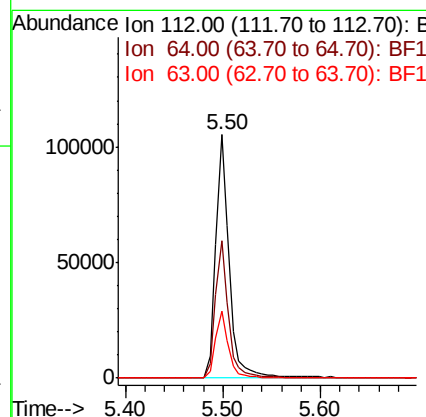
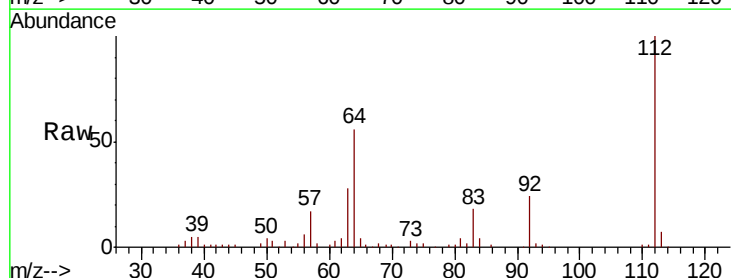
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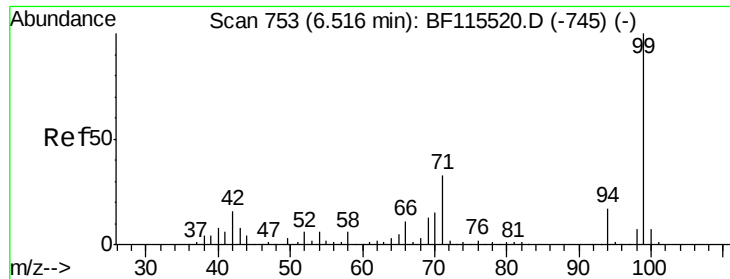
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#5
 2-Fluorophenol
 Concen: 12.497 ng
 RT: 5.50 min Scan# 580
 Delta R.T. -0.01 min
 Lab File: BF115639.D
 Acq: 17 Jul 2019 22:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	46.8	70.2
63	27.8	24.1	36.1





#7

Phenol-d6

Concen: 19.251 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115639.D

Acq: 17 Jul 2019 22:59

Instrument :

BNA_F

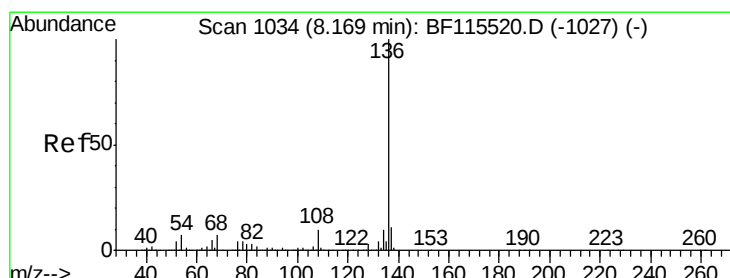
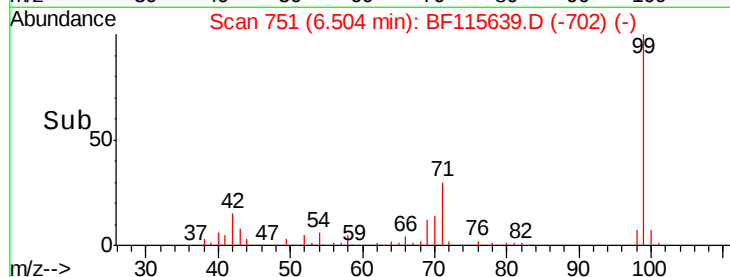
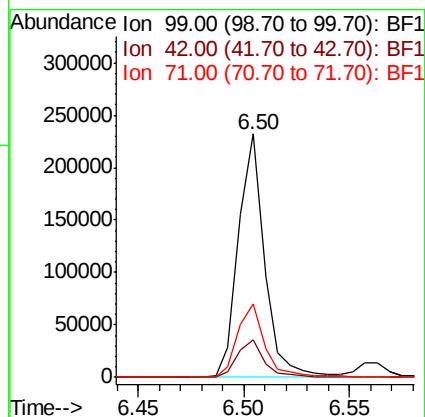
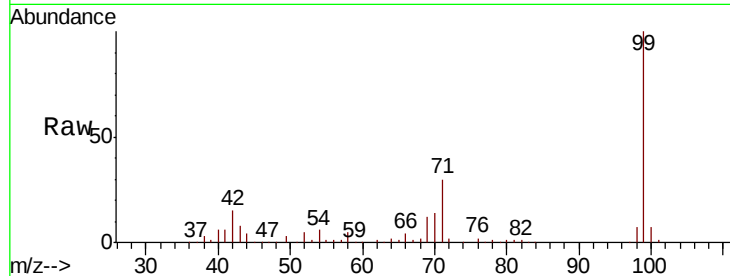
ClientSampleId :

FK-SF-02-005-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		198982		
42	15.3	13.6	20.4		
71	30.0	28.5	42.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

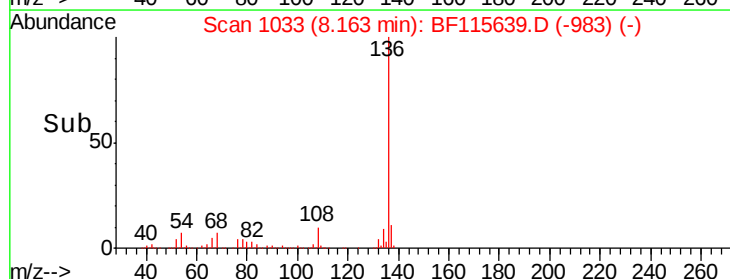
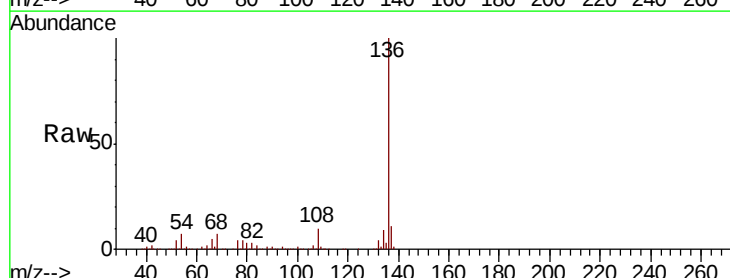
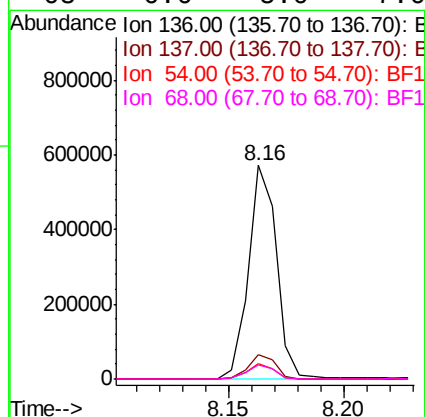
RT: 8.16 min Scan# 1033

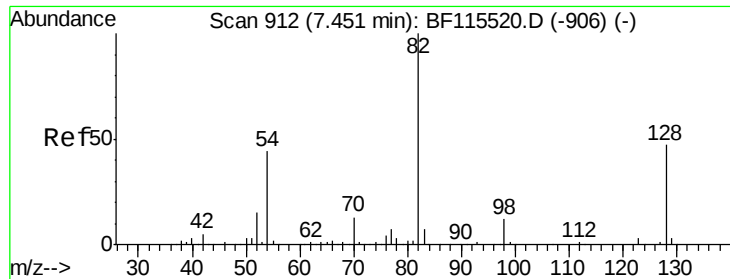
Delta R.T. -0.01 min

Lab File: BF115639.D

Acq: 17 Jul 2019 22:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		489732		
137	11.2	9.0	13.4		
54	7.2	5.6	8.4		
68	6.6	5.0	7.6		





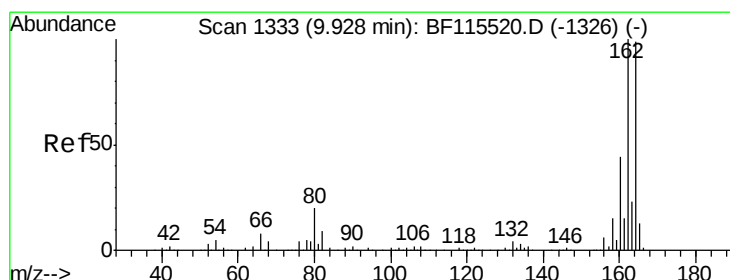
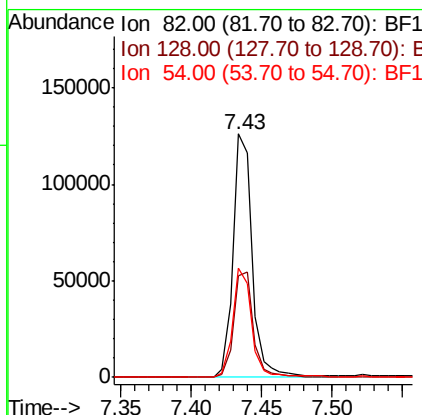
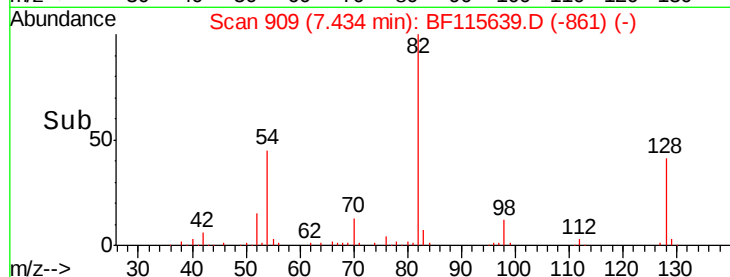
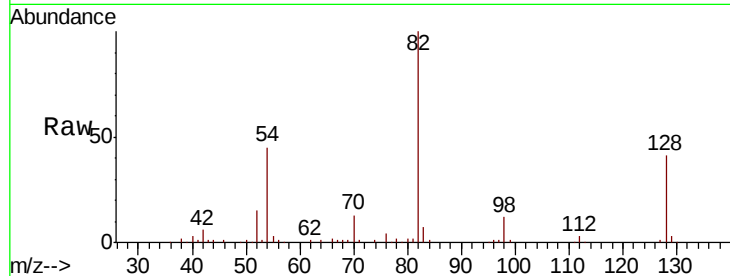
#23
Nitrobenzene-d5
Concen: 14.257 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF115639.D
Acq: 17 Jul 2019 22:59

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-005-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.5	38.6	57.8
54	44.8	35.6	53.4

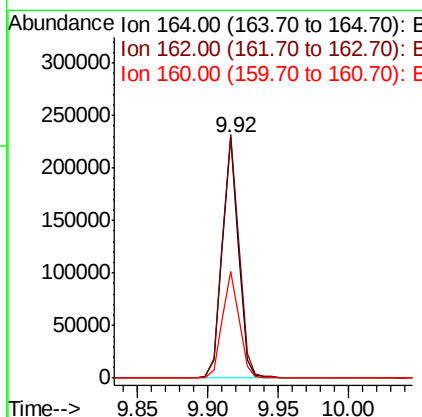
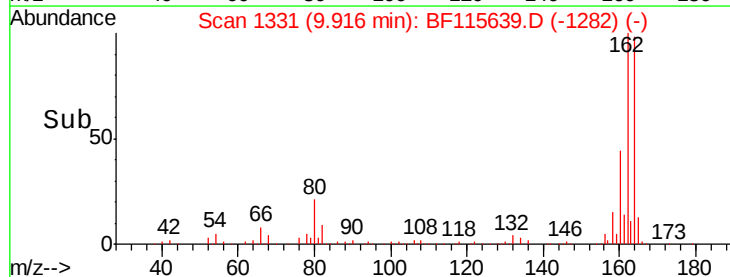
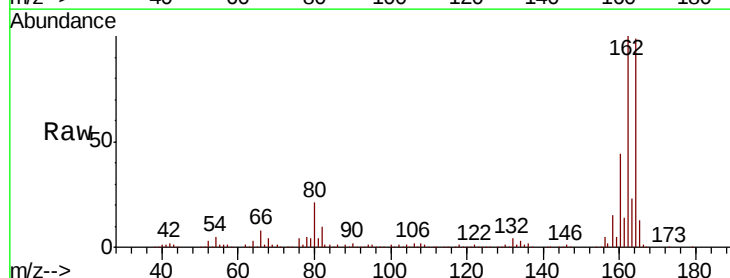
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF115639.D
Acq: 17 Jul 2019 22:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.9	124.3
160	44.4	36.8	55.2





#42

2,4,6-Tribromophenol

Concen: 5.195 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BF115639.D

Acq: 17 Jul 2019 22:59

Instrument :

BNA_F

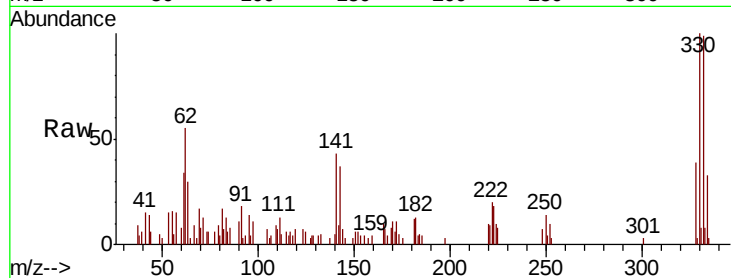
ClientSampleId :

FK-SF-02-005-B

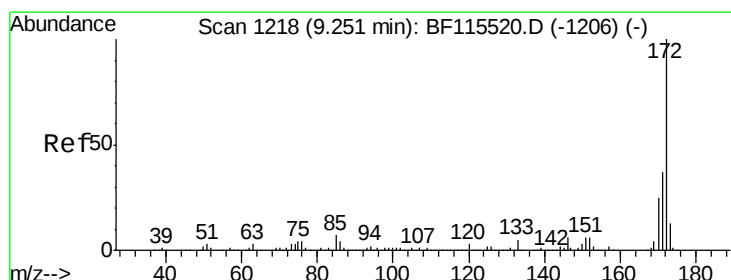
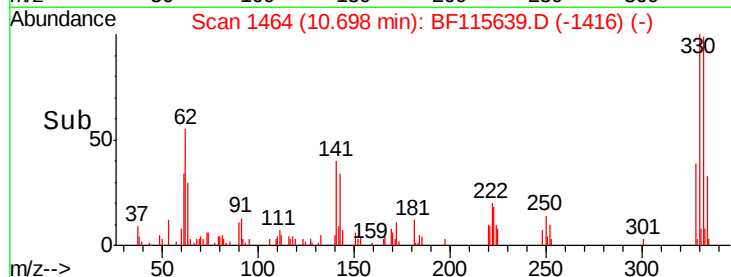
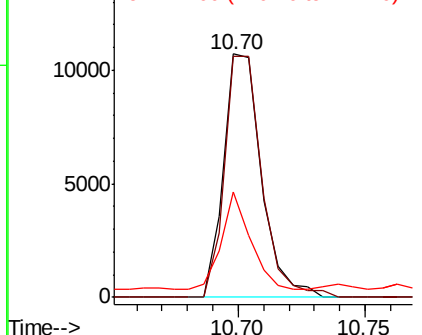
Tot Ion:	330	Resp:	11101
Ion Ratio	Lower	Upper	
330	100		
332	97.8	77.4	116.2
141	47.8	22.4	33.6#

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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: 19.087 ng

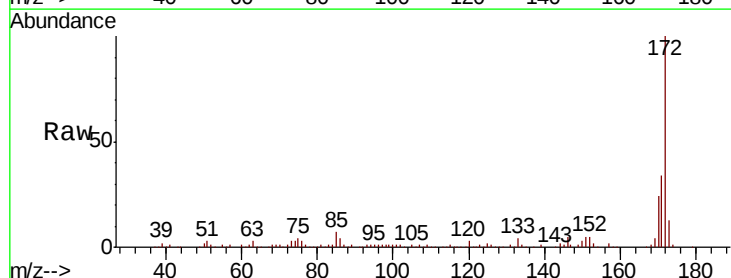
RT: 9.23 min Scan# 1215

Delta R.T. -0.02 min

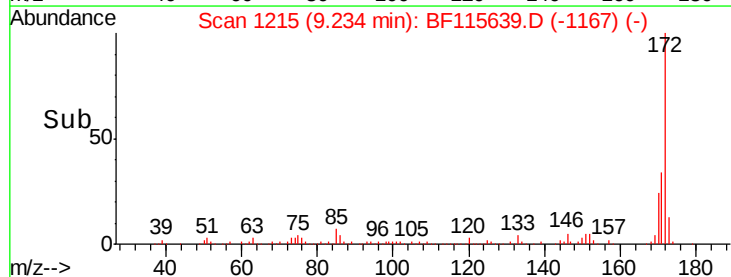
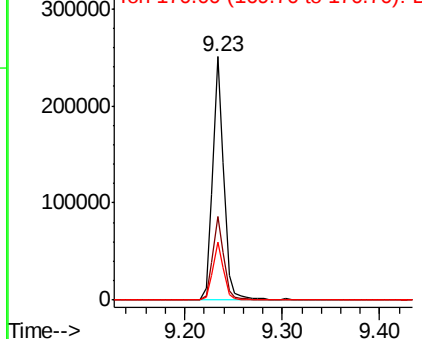
Lab File: BF115639.D

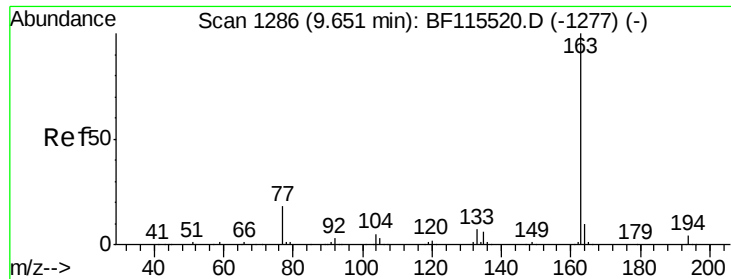
Acq: 17 Jul 2019 22:59

Tgt Ion:	172	Resp:	199643
Ion Ratio	Lower	Upper	
172	100		
171	34.1	30.6	46.0
170	23.8	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: 2.036 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.03 min

Lab File: BF115639.D

Acq: 17 Jul 2019 22:59

Instrument :

BNA_F

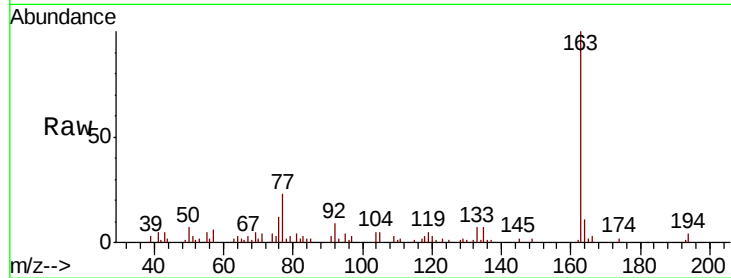
ClientSampleId :

FK-SF-02-005-B

Tot Ion:	163	Resp:	28039
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.3	4.9
164	10.6	8.7	13.1

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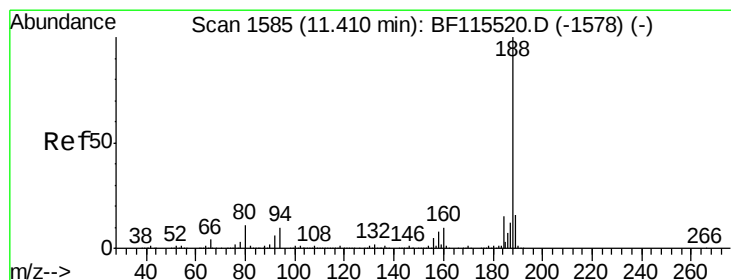
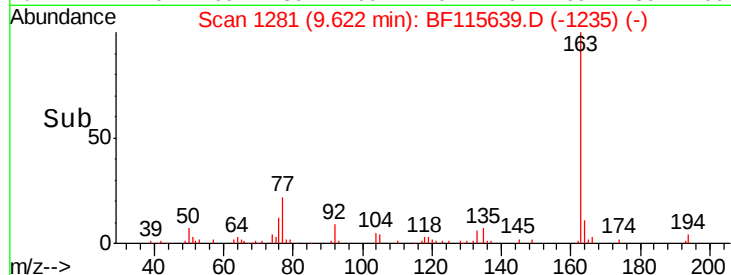
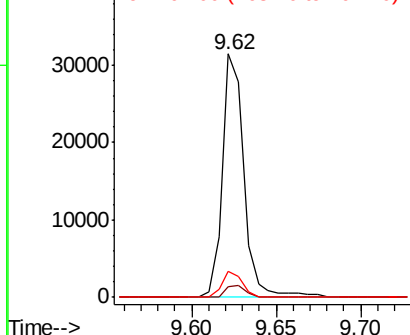


Abundance

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

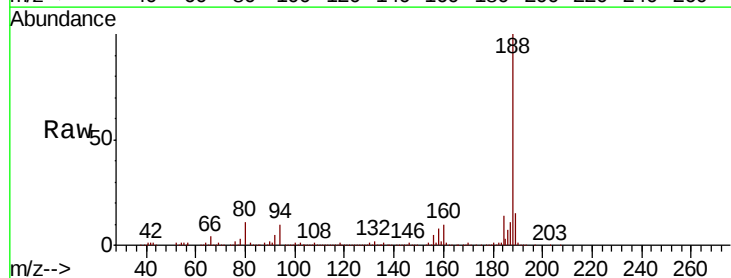
RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF115639.D

Acq: 17 Jul 2019 22:59

Tgt Ion:	188	Resp:	292751
Ion Ratio	Lower	Upper	
188	100		
94	9.8	7.8	11.6
80	10.9	8.6	13.0

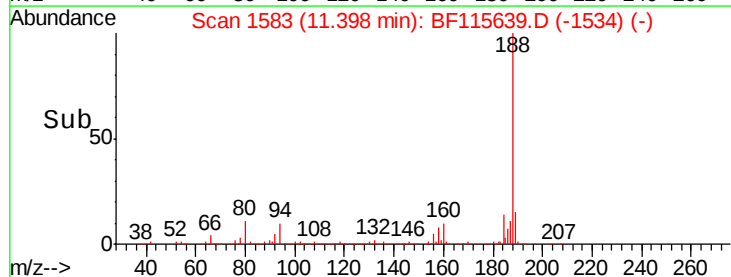
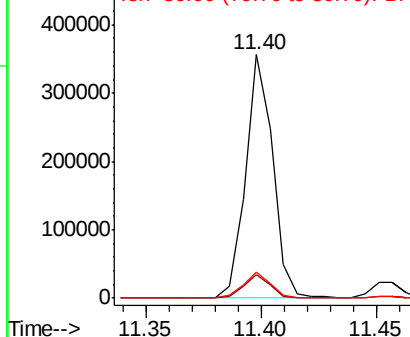


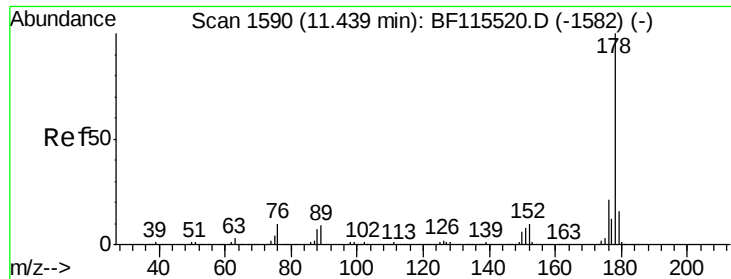
Abundance

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





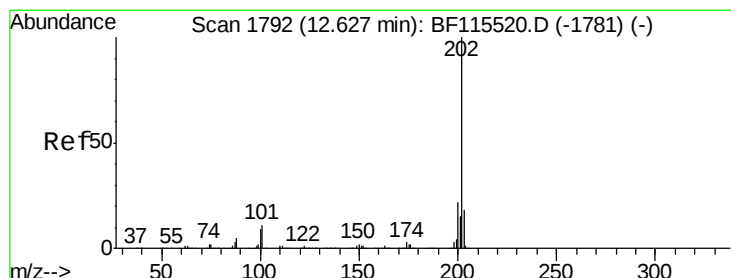
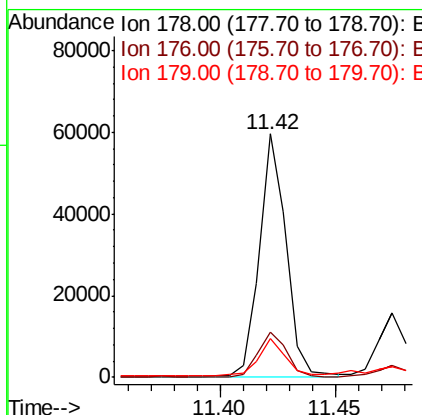
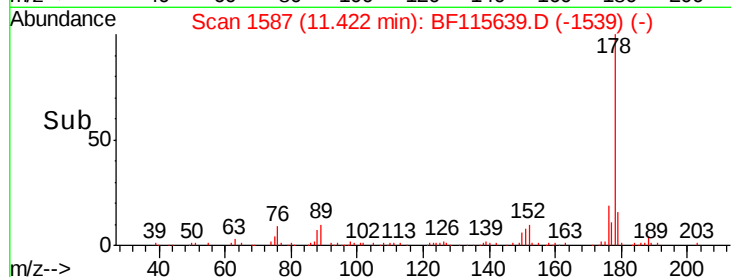
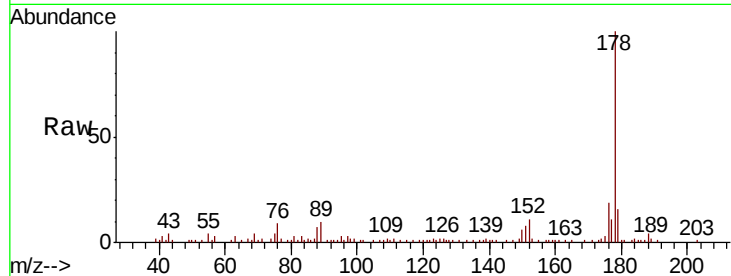
#71
Phenanthrene
Concen: 3.230 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.02 min
Lab File: BF115639.D
Acq: 17 Jul 2019 22:59

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-005-B

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	17.2	25.8
179	16.2	13.5	20.3

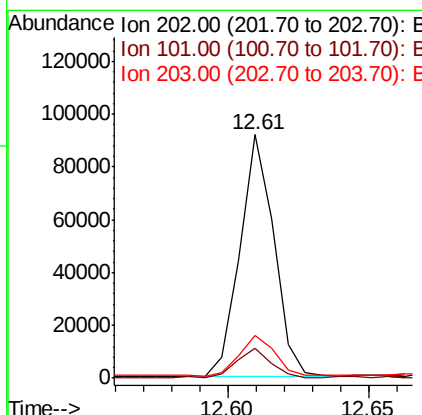
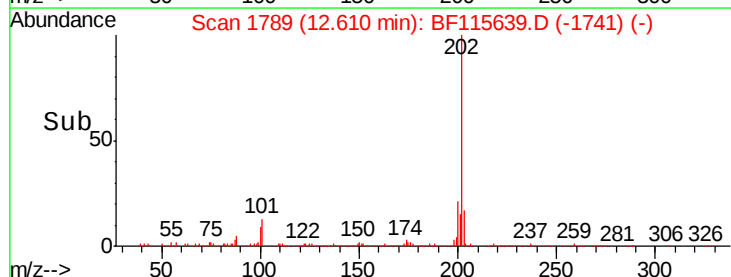
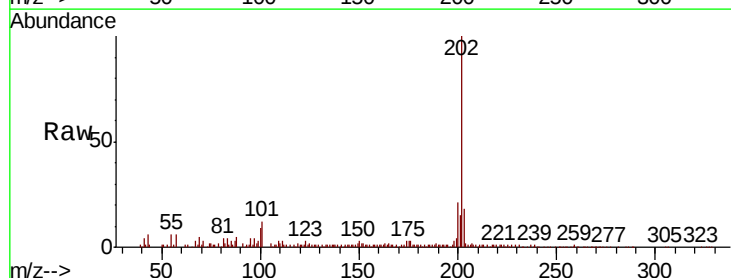
Manual Integrations
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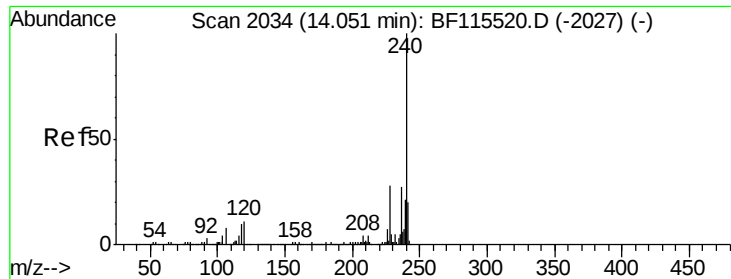
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#75
Fluoranthene
Concen: 4.839 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.02 min
Lab File: BF115639.D
Acq: 17 Jul 2019 22:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	31.4
203	17.7	0.0	38.1





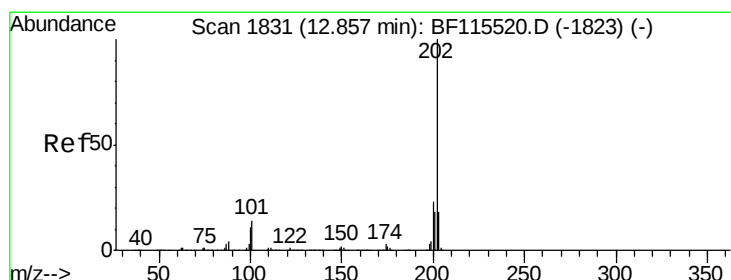
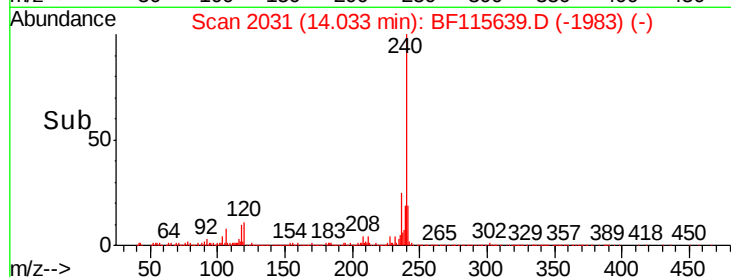
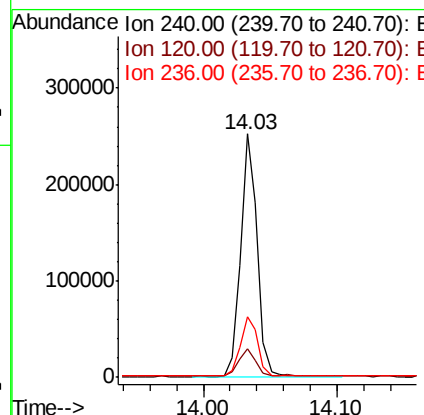
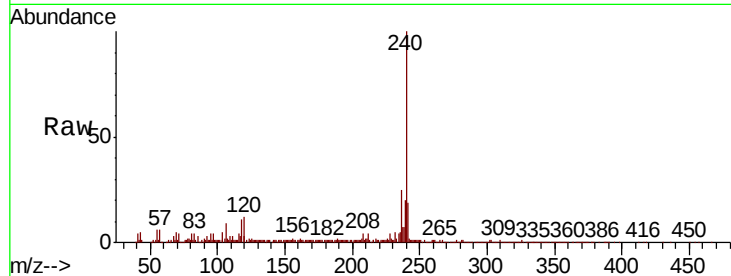
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BF115639.D
Acq: 17 Jul 2019 22:59

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-005-B

Tot Ion	Ratio	Resp	Lower	Upper
240	100	217356		
120	11.8	8.6	13.0	
236	25.1	21.3	31.9	

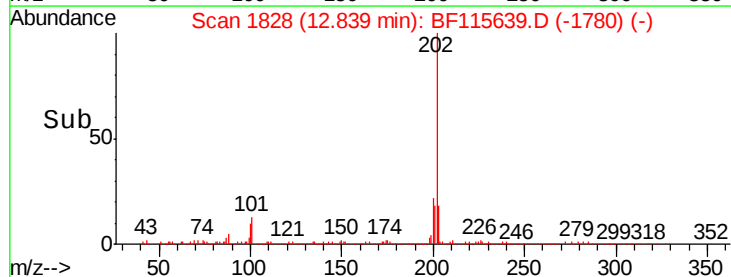
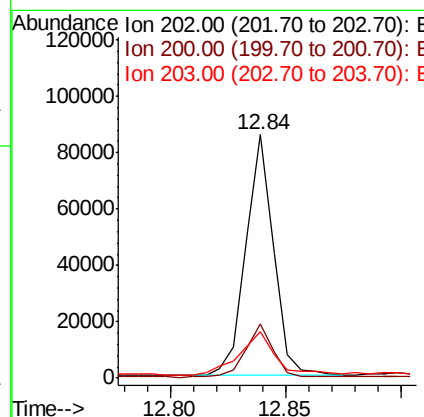
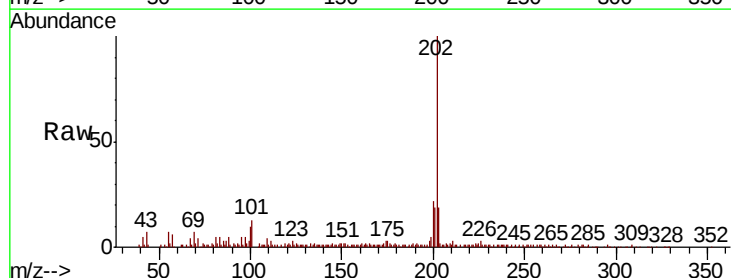
Manual Integrations
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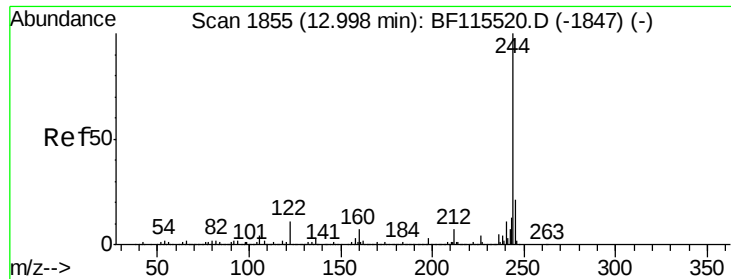
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#78
Pyrene
Concen: 3.920 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BF115639.D
Acq: 17 Jul 2019 22:59

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	72193		
200	22.0	18.7	28.1	
203	19.0	15.2	22.8	





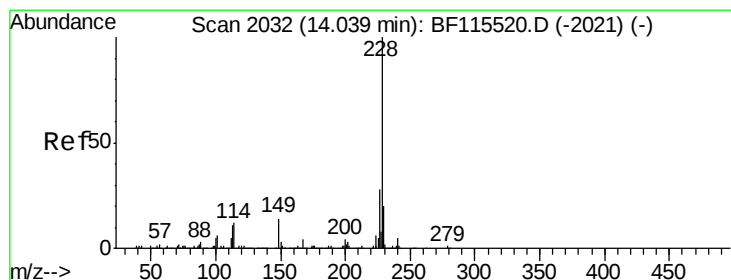
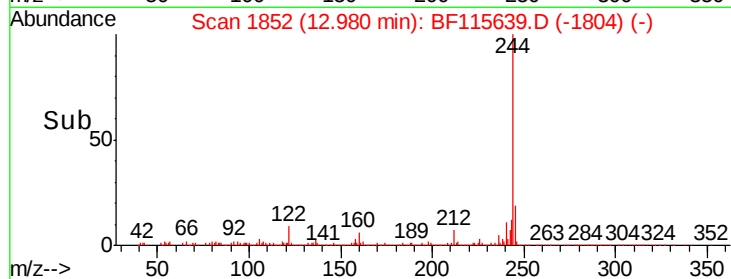
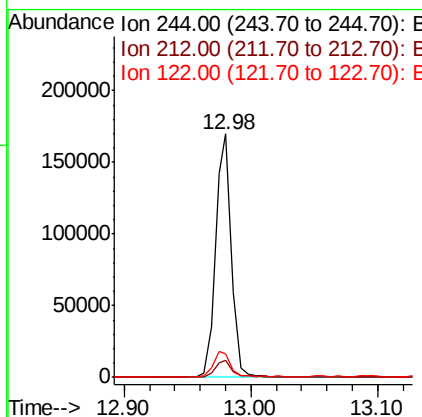
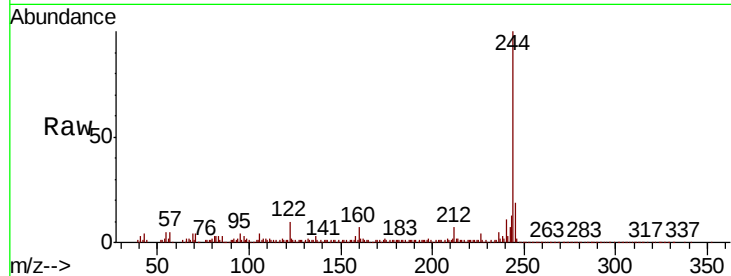
#79
 Terphenyl-d14
 Concen: 12.558 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.02 min
 Lab File: BF115639.D
 Acq: 17 Jul 2019 22:59

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-02-005-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	9.8	8.6	12.8

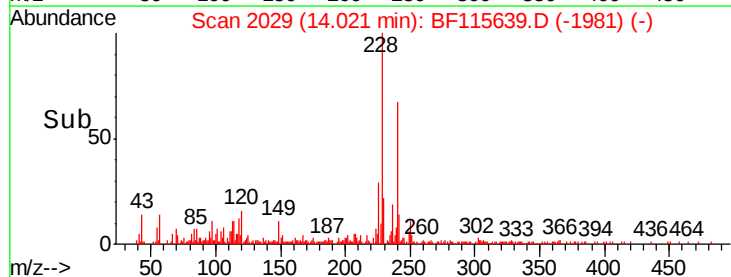
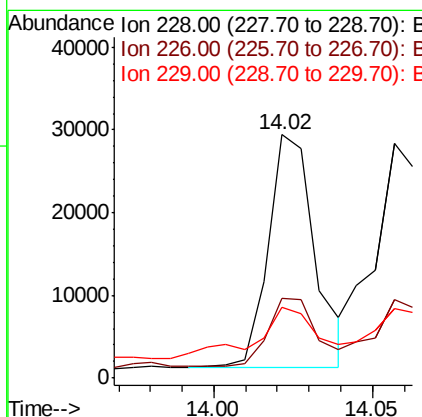
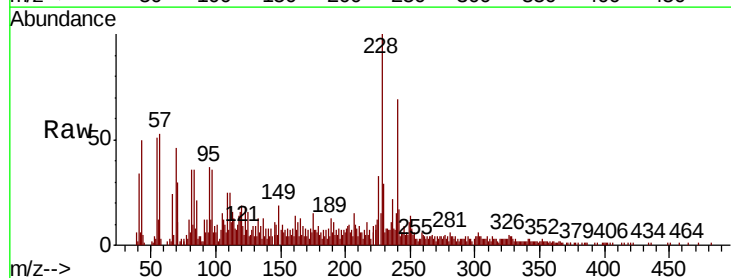
Manual Integrations
 APPROVED

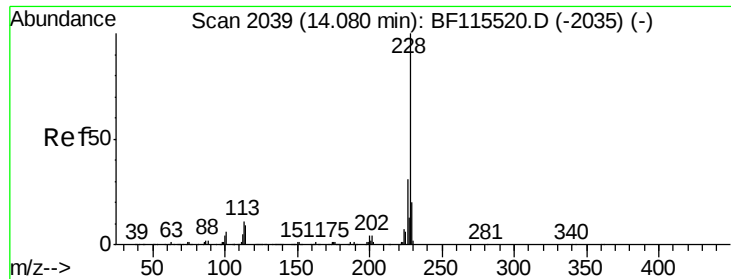
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#81
 Benzo(a)anthracene
 Concen: 2.017 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.02 min
 Lab File: BF115639.D
 Acq: 17 Jul 2019 22:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	23.4	35.0
229	28.9	17.2	25.8





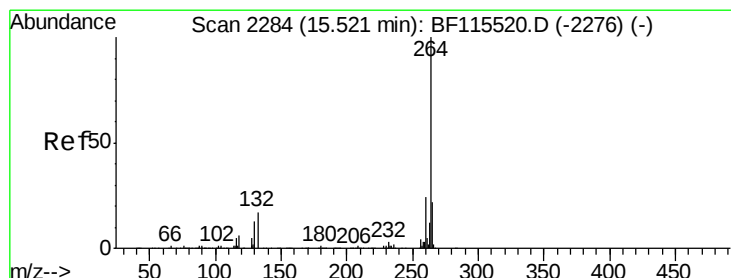
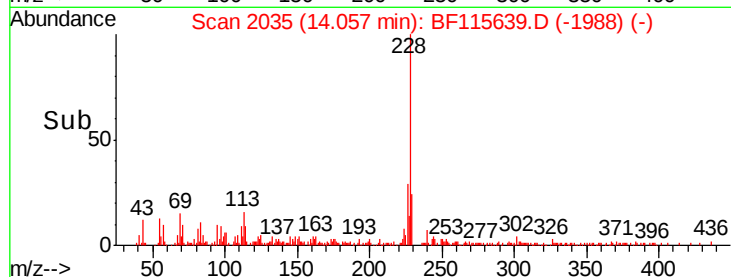
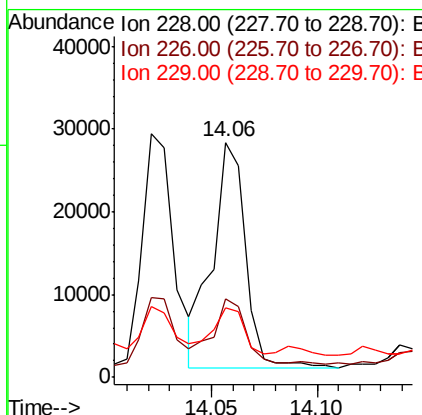
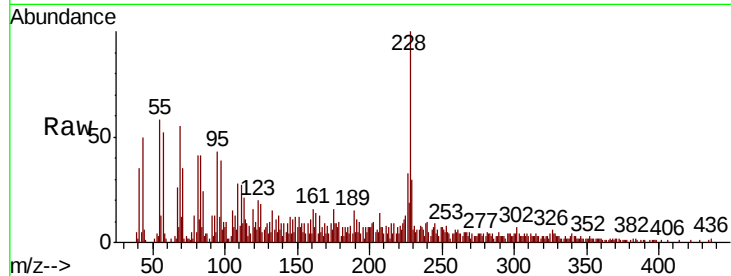
#83
 Chrysene
 Concen: 2.077 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.02 min
 Lab File: BF115639.D
 Acq: 17 Jul 2019 22:59

Instrument :
 BNA_F
 ClientSampleID :
 FK-SF-02-005-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.4	25.7	38.5
229	29.8	16.6	25.0

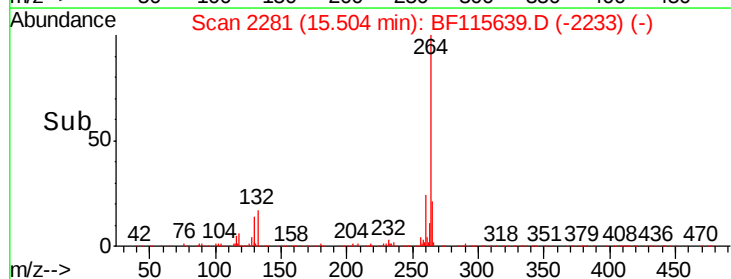
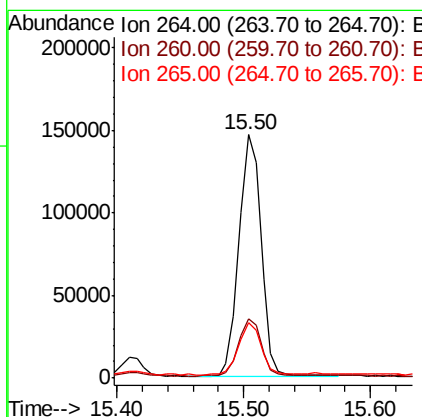
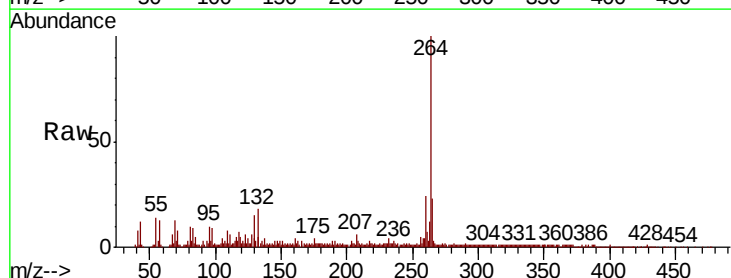
Manual Integrations
 APPROVED

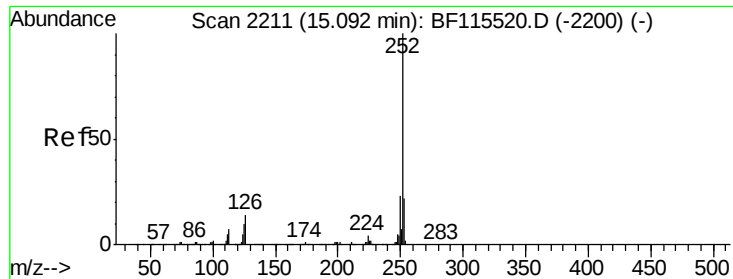
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.02 min
 Lab File: BF115639.D
 Acq: 17 Jul 2019 22:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.8
265	22.6	17.7	26.5





#88

Benzo(b)fluoranthene

Concen: 2.247 ng m

RT: 15.07 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BF115639.D

Acq: 17 Jul 2019 22:59

Instrument :

BNA_F

ClientSampleId :

FK-SF-02-005-B

Tot Ion:	252	Resp:	25632
Ion Ratio	Lower	Upper	
252	100		
253	37.6	18.1	27.1#
125	43.4	9.0	13.4#

Manual Integrations
APPROVED

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