

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
 Data File : BF113373.D
 Acq On : 28 Mar 2019 14:42
 Operator : JU/SJ
 Sample : K1950-03 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-005-B

Manual Integrations
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 3/29/2019 4:47:18 PM

Quant Time: Mar 28 15:09:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	166880	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	596985	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	251841	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	482653	20.00	ng	0.00
76) Chrysene-d12	13.84	240	394660	20.00	ng	0.00
87) Perylene-d12	15.25	264	296306	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	202041	19.80	ng	0.00
7) Phenol-d6	6.35	99	345156	26.73	ng	-0.01
23) Nitrobenzene-d5	7.26	82	183116	18.21	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	31043	9.98	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	389029	8.30	ng	0.00
79) Terphenyl-d14	12.79	244	399191	22.29	ng	0.00
Target Compounds						
71) Phenanthrene	11.23	178	191355	7.984	ng	99
75) Fluoranthene	12.42	202	215105	7.939	ng	98
78) Pyrene	12.64	202	209009	7.642	ng	98
81) Benzo(a)anthracene	13.83	228	81747	3.619	ng	# 90
83) Chrysene	13.86	228	86440	3.767	ng	# 93
88) Benzo(b)fluoranthene	14.85	252	70239m	3.816	ng	
90) Benzo(a)pyrene	15.19	252	49473	3.032	ng	# 71
92) Benzo(g,h,i)perylene	17.02	276	29746	2.091	ng	# 72

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

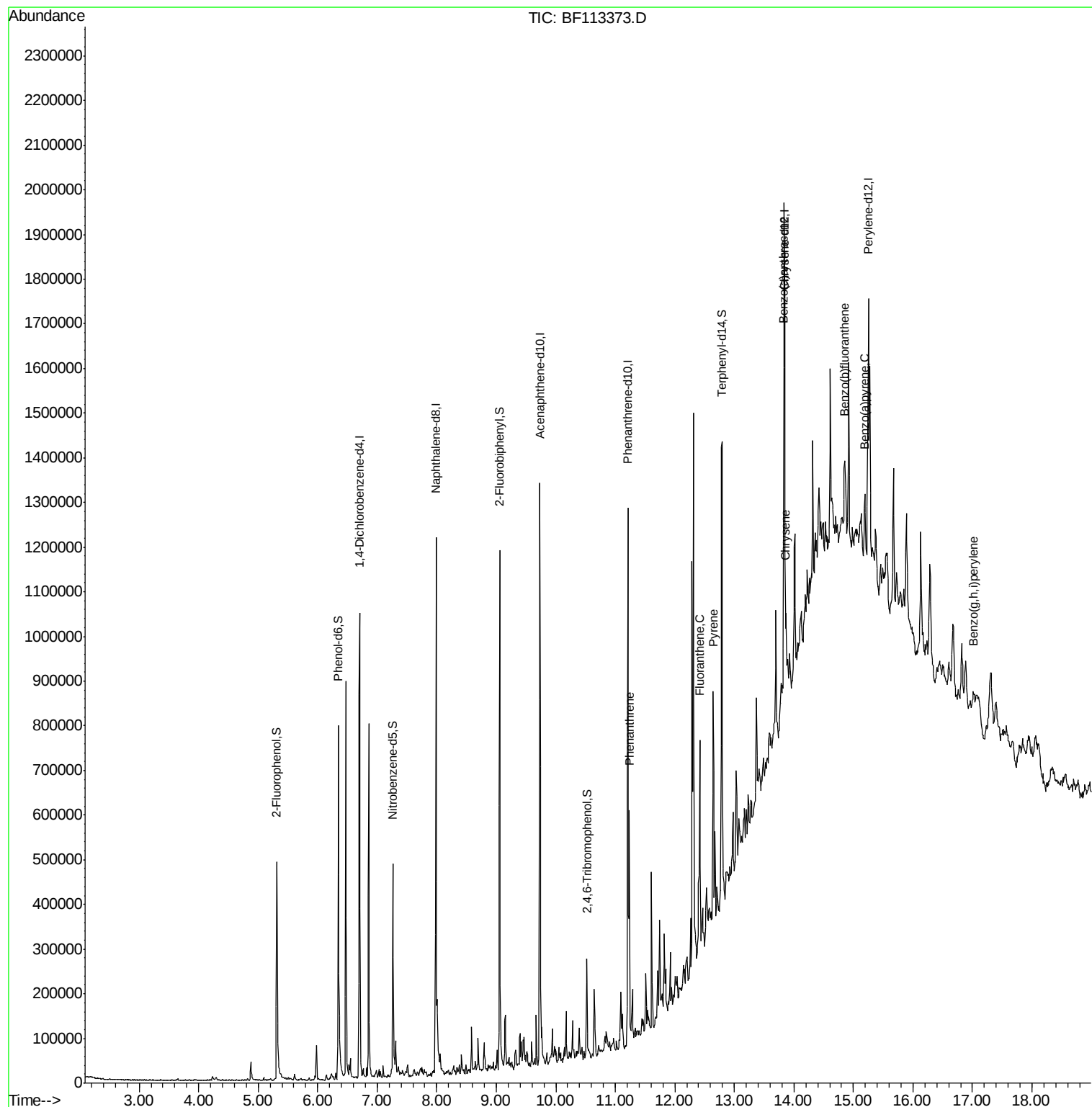
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113373.D
Acq On : 28 Mar 2019 14:42
Operator : JU/SJ
Sample : K1950-03 2X
Misc :
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Instrument :
BNA_F
ClientSampled :
FK-SF-03-005-B

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

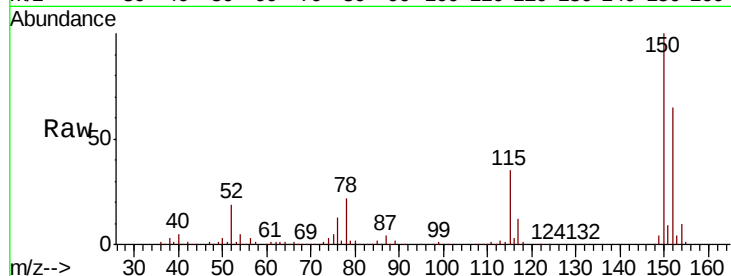
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113373.D
Acq: 28 Mar 2019 14:42

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-005-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.7	187.1
115	54.6	46.0	69.0

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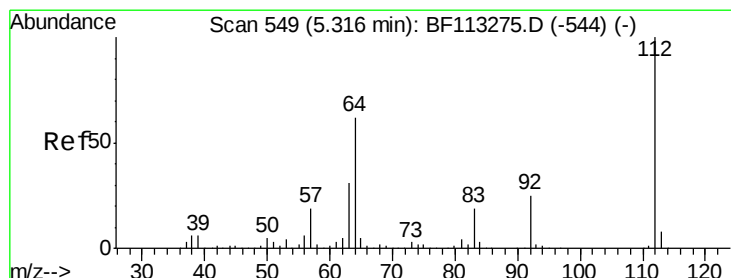
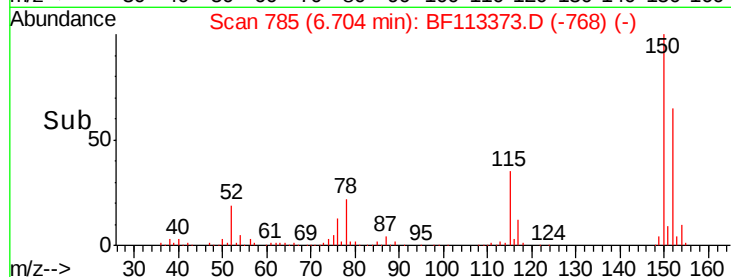
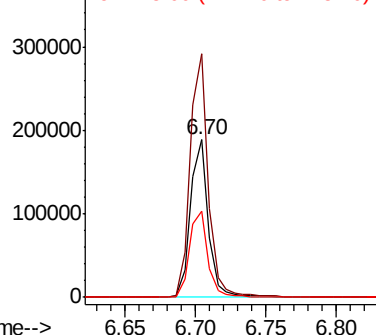


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

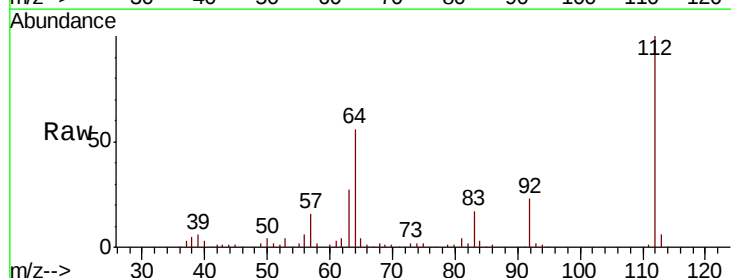
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 19.796 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF113373.D
Acq: 28 Mar 2019 14:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	49.2	73.8
63	26.8	24.9	37.3

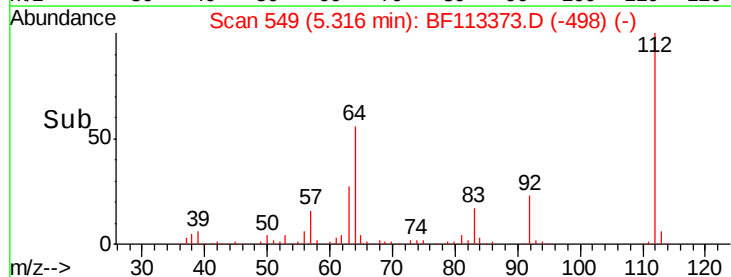
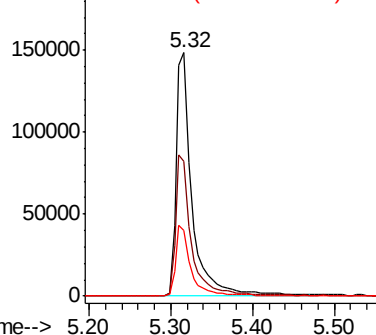


Abundance

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: 26.733 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113373.D

Acq: 28 Mar 2019 14:42

Instrument :

BNA_F

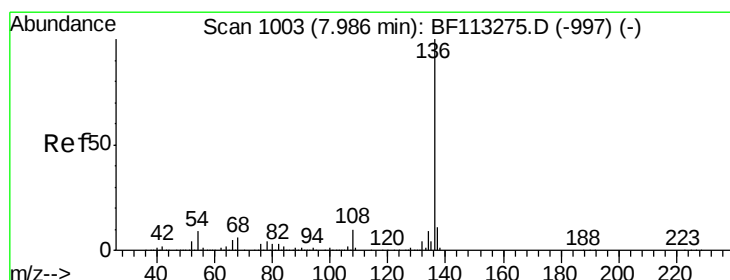
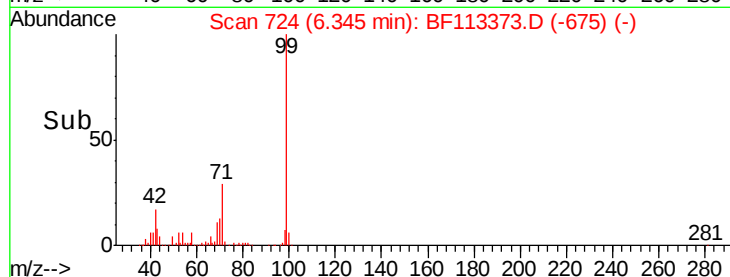
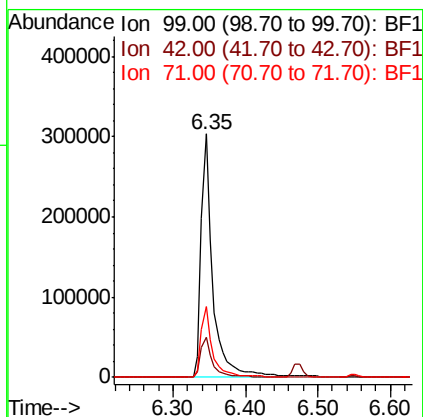
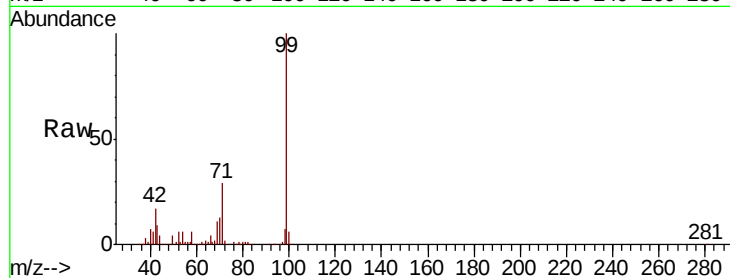
ClientSampleId :

FK-SF-03-005-B

Tot Ion:	99	Resp:	345156
Ion Ratio	Lower	Upper	
99	100		
42	16.7	14.8	22.2
71	29.3	24.9	37.3

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#21

Naphthalene-d8

Concen: 20.000 ng

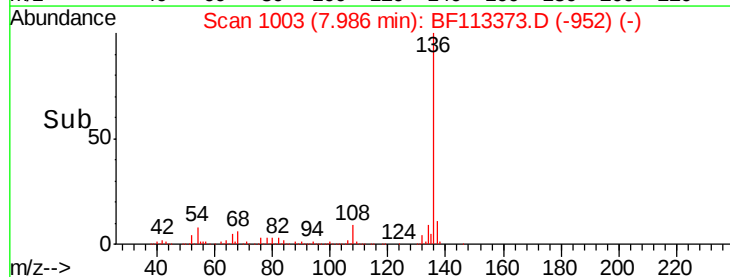
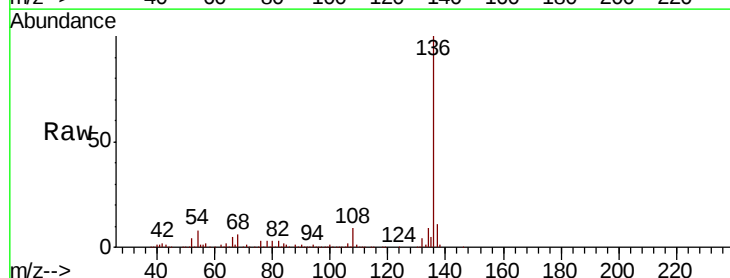
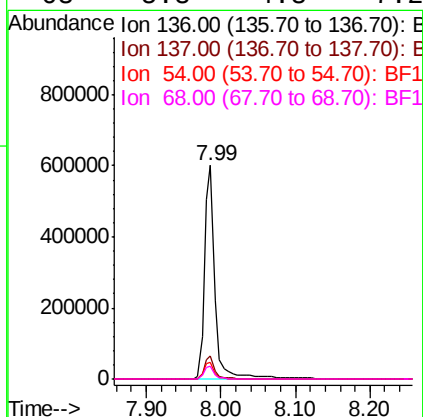
RT: 7.99 min Scan# 1003

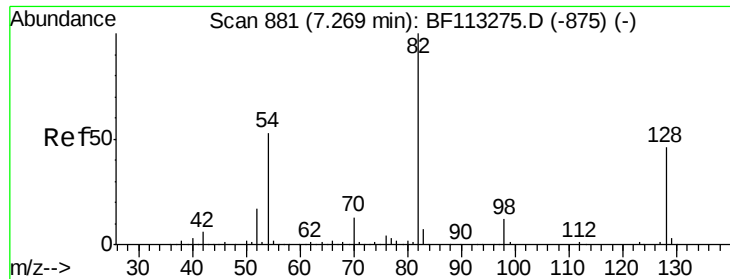
Delta R.T. -0.00 min

Lab File: BF113373.D

Acq: 28 Mar 2019 14:42

Tgt Ion:	136	Resp:	596985
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	7.8	7.0	10.6
68	5.8	4.8	7.2





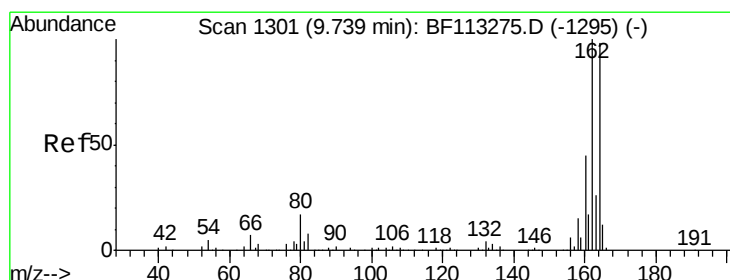
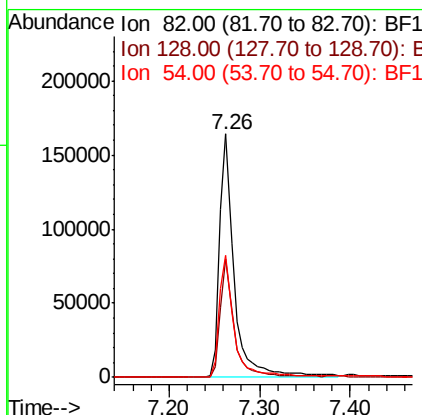
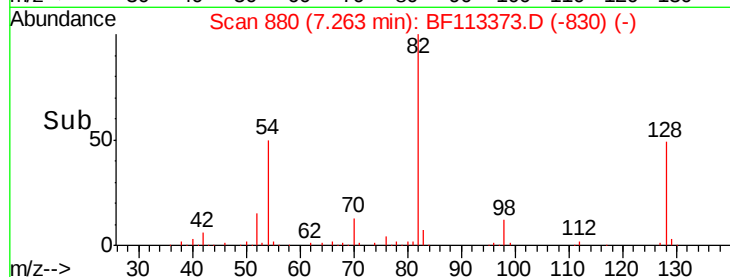
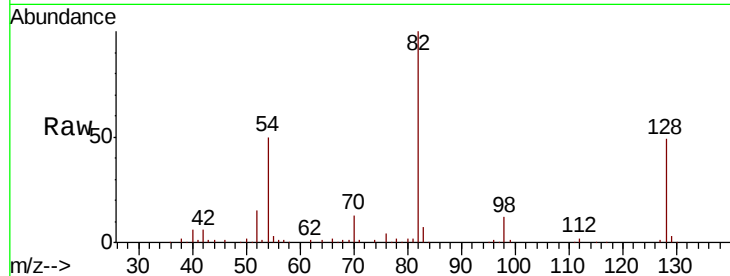
#23
 Nitrobenzene-d5
 Concen: 18.206 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF113373.D
 Acq: 28 Mar 2019 14:42

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-005-B

Tot Ion	82	Resp	183116
Ion Ratio	100	Lower	Upper
82	100		
128	48.6	36.5	54.7
54	50.3	42.2	63.2

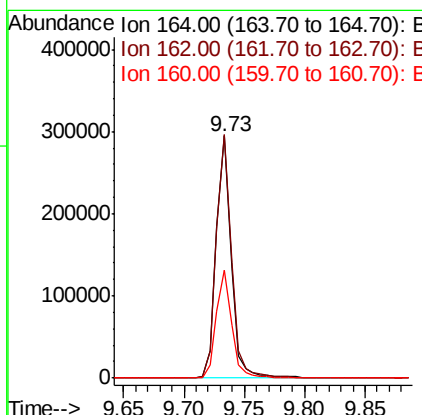
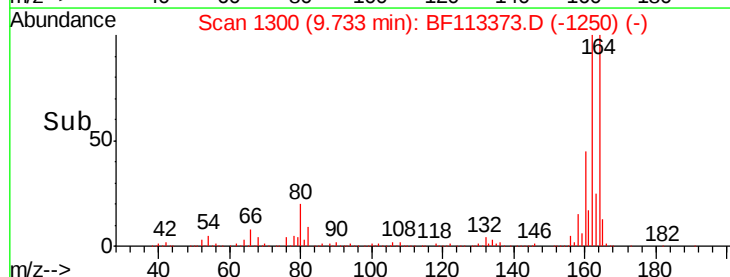
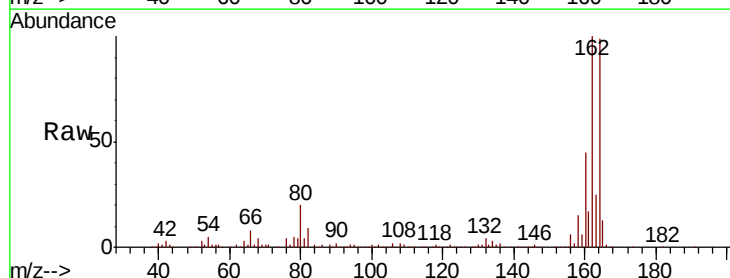
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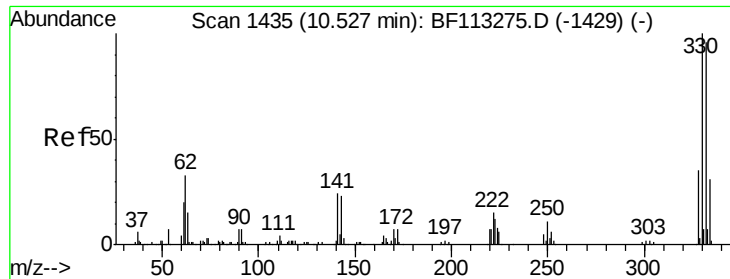
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF113373.D
 Acq: 28 Mar 2019 14:42

Tgt Ion	164	Resp	251841
Ion Ratio	100	Lower	Upper
164	100		
162	100.6	81.8	122.6
160	44.8	36.4	54.6





#42

2,4,6-Tribromophenol

Concen: 9.979 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113373.D

Acq: 28 Mar 2019 14:42

Instrument :

BNA_F

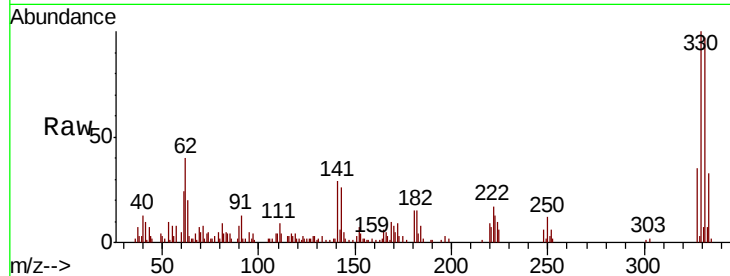
ClientSampled :

FK-SF-03-005-B

Tot Ion:	330	Resp:	31043
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.8	116.6
141	31.1	22.7	34.1

Manual Integrations
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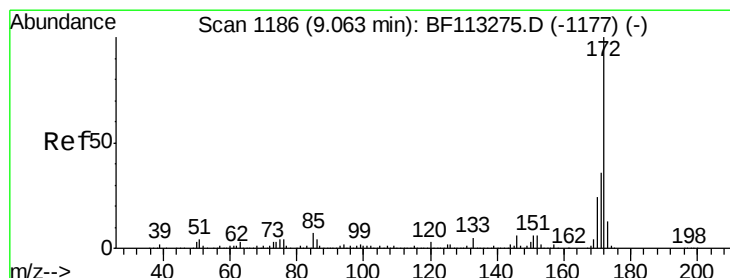
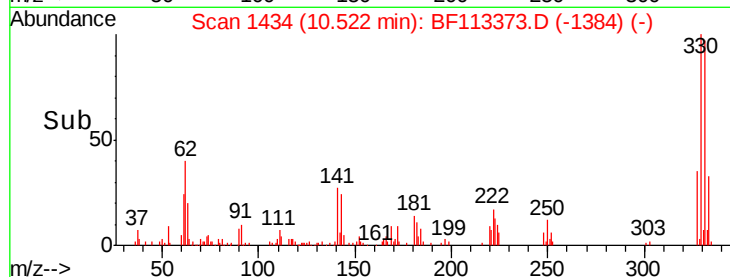
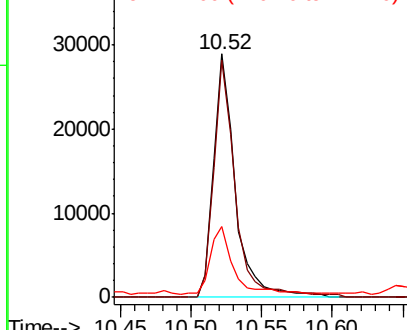


Abundance

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: 8.296 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF113373.D

Acq: 28 Mar 2019 14:42

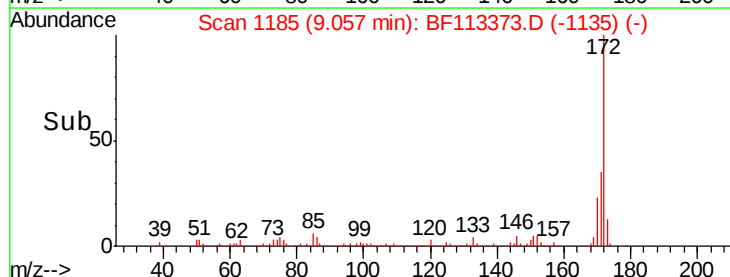
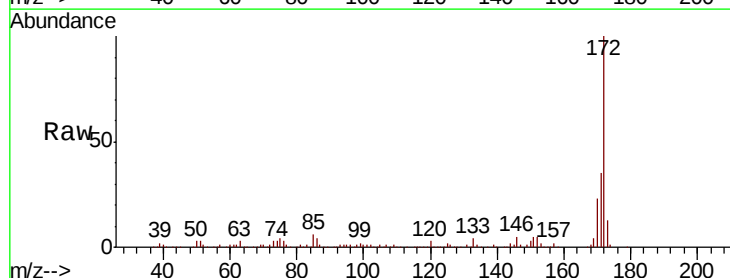
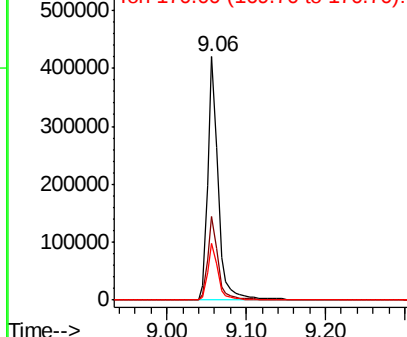
Tgt Ion:	172	Resp:	389029
Ion Ratio	Lower	Upper	
172	100		
171	34.6	29.0	43.6
170	23.5	19.5	29.3

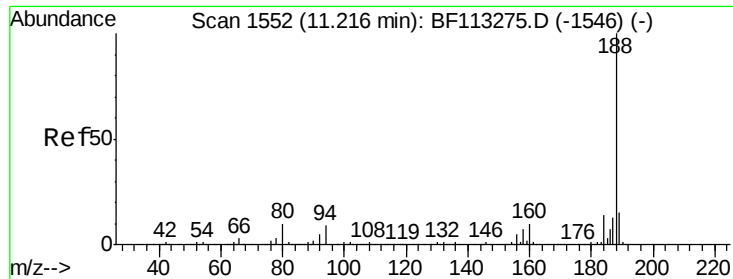
Abundance

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





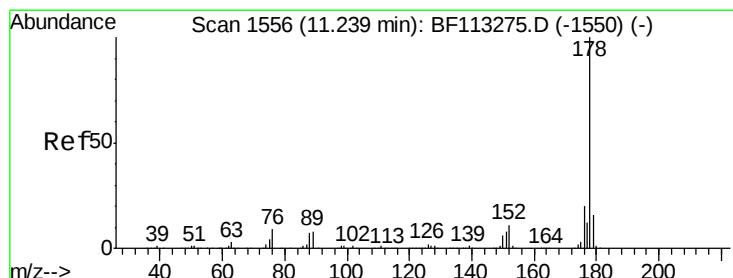
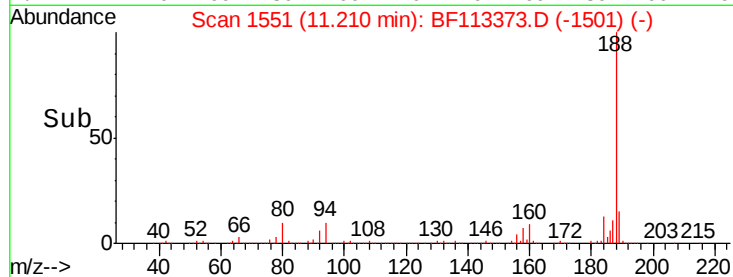
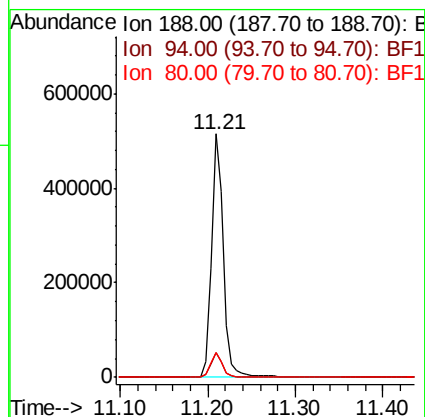
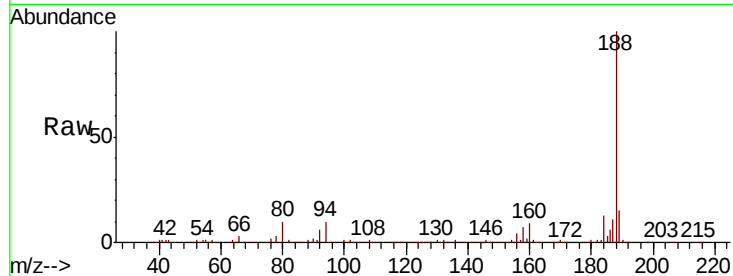
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113373.D
Acq: 28 Mar 2019 14:42

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-005-B

Tot Ion	Ratio	Resp	Lower	Upper
188	100	482653		
94	10.0		7.0	10.6
80	10.1		7.7	11.5

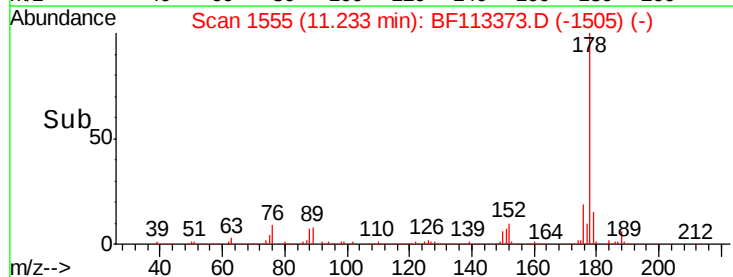
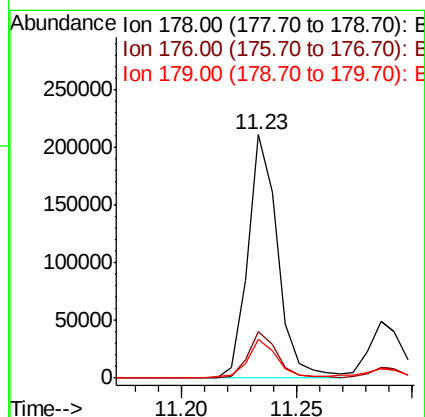
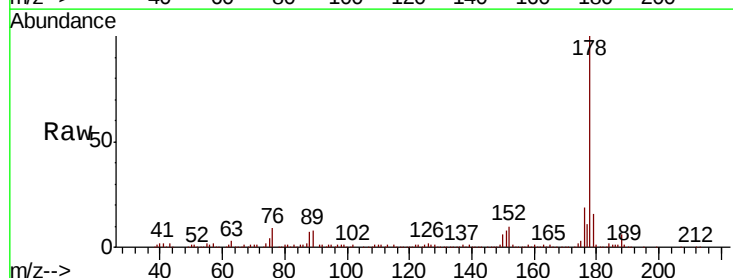
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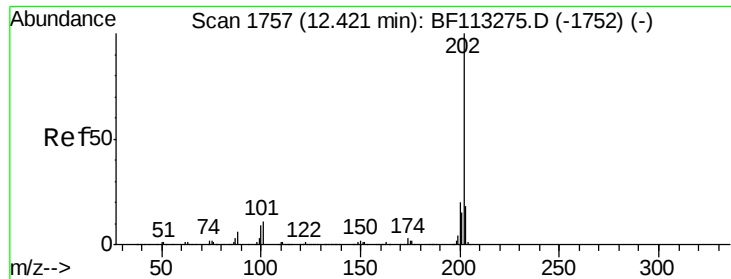
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#71
Phenanthrene
Concen: 7.984 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113373.D
Acq: 28 Mar 2019 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	191355		
176	19.3		16.2	24.2
179	15.8		12.7	19.1





#75

Fluoranthene

Concen: 7.939 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.00 min

Lab File: BF113373.D

Acq: 28 Mar 2019 14:42

Instrument :

BNA_F

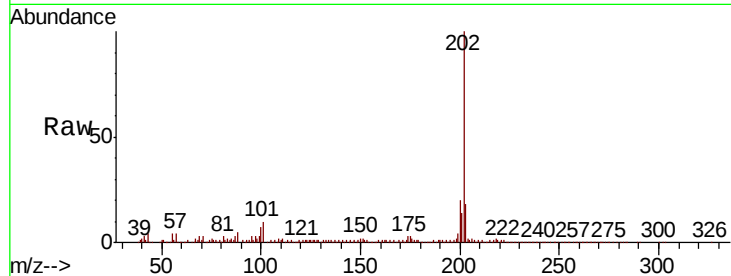
ClientSampleId :

FK-SF-03-005-B

Tot Ion	Ratio	Resp	Lower	Upper
202	100	215105		
101	9.5	0.0	31.4	
203	17.6	0.0	38.0	

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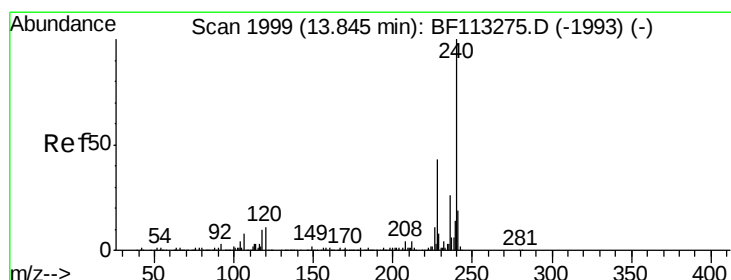
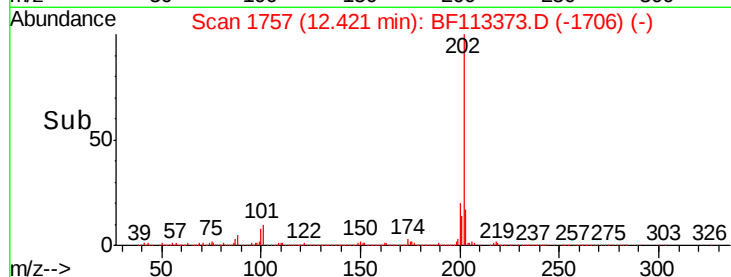
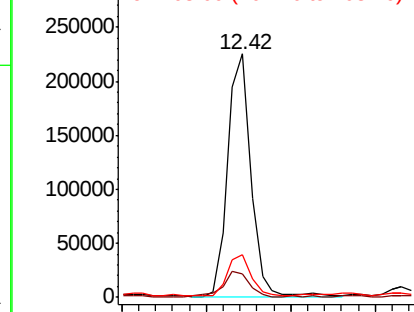


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

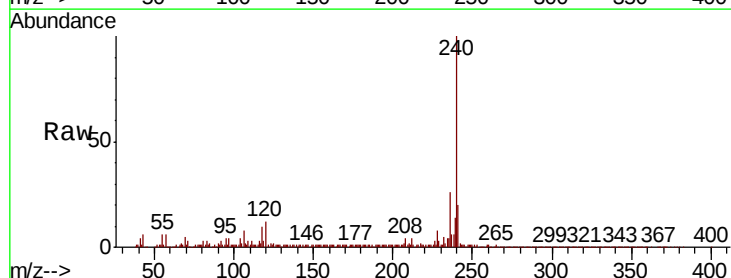
RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF113373.D

Acq: 28 Mar 2019 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	394660		
120	12.1	8.8	13.2	
236	26.0	20.9	31.3	

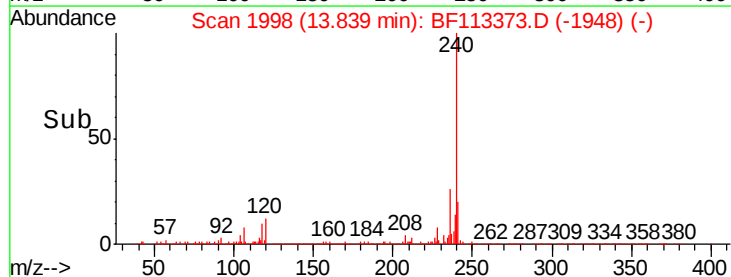
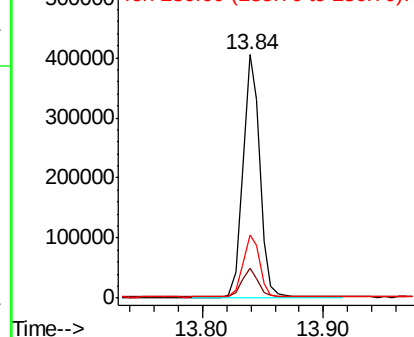


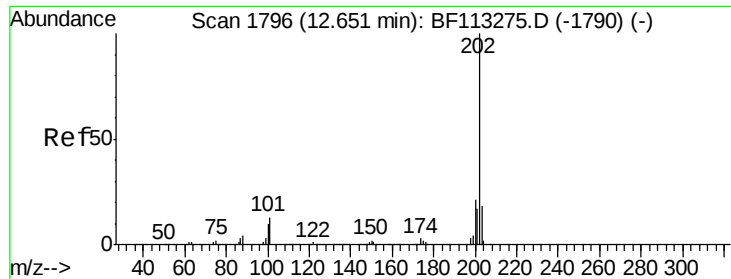
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 7.642 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF113373.D

Acq: 28 Mar 2019 14:42

Instrument :

BNA_F

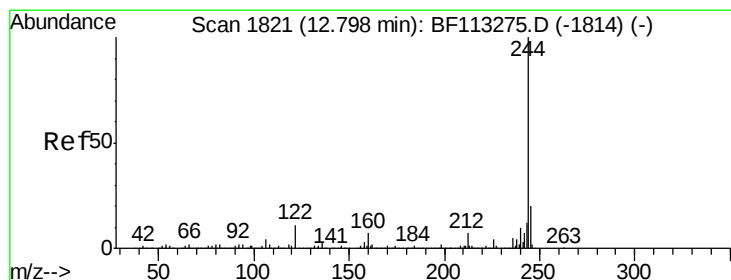
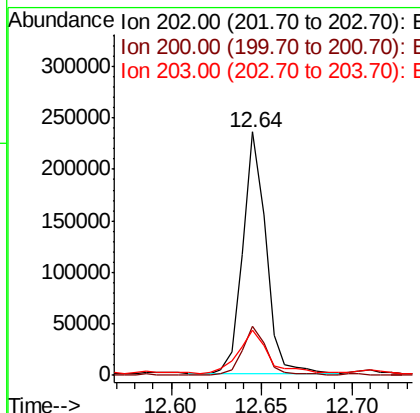
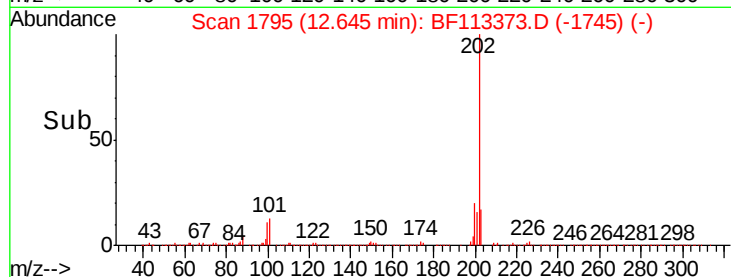
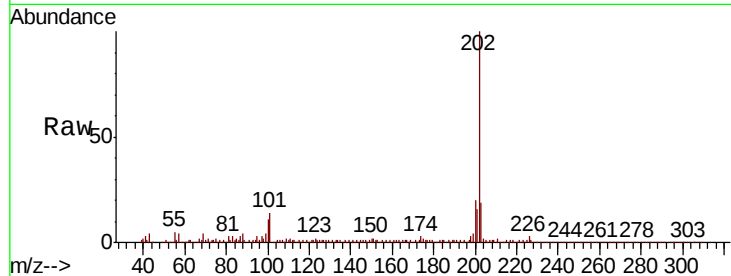
ClientSampleId :

FK-SF-03-005-B

Tot Ion:	202	Resp:	209009
Ion Ratio	Lower	Upper	
202	100		
200	20.0	16.8	25.2
203	18.6	14.4	21.6

Manual Integrations
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#79

Terphenyl-d14

Concen: 22.295 ng

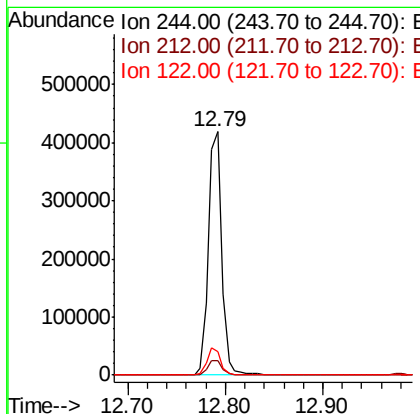
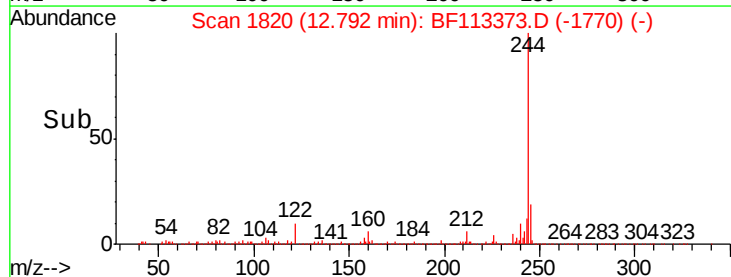
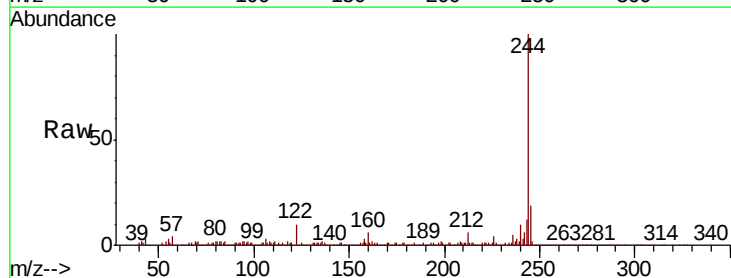
RT: 12.79 min Scan# 1820

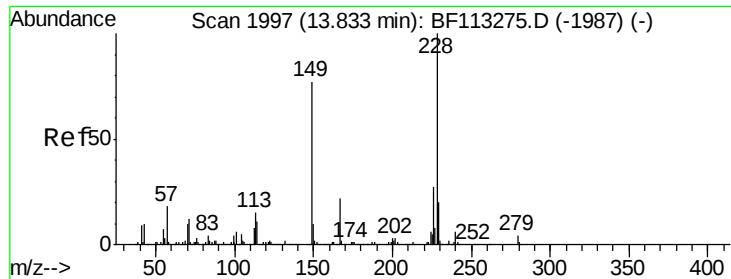
Delta R.T. -0.01 min

Lab File: BF113373.D

Acq: 28 Mar 2019 14:42

Tgt Ion:	244	Resp:	399191
Ion Ratio	Lower	Upper	
244	100		
212	6.0	5.5	8.3
122	9.8	8.6	13.0





#81

Benzo(a)anthracene

Concen: 3.619 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF113373.D

Acq: 28 Mar 2019 14:42

Instrument :

BNA_F

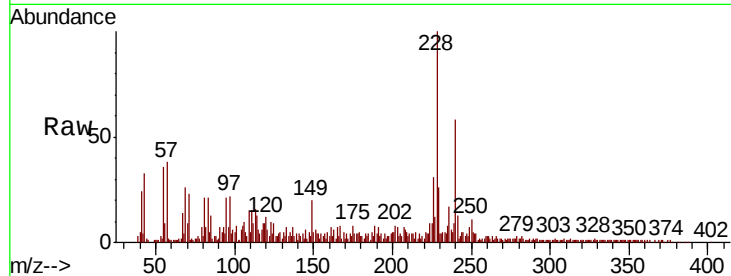
ClientSampled :

FK-SF-03-005-B

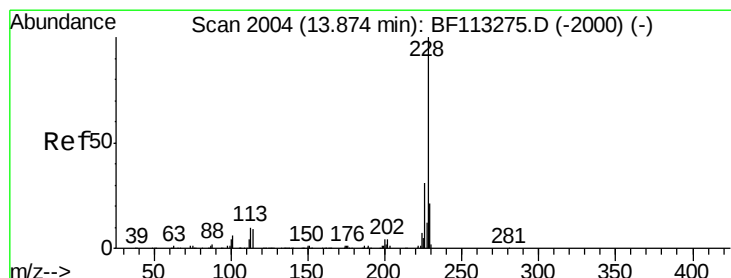
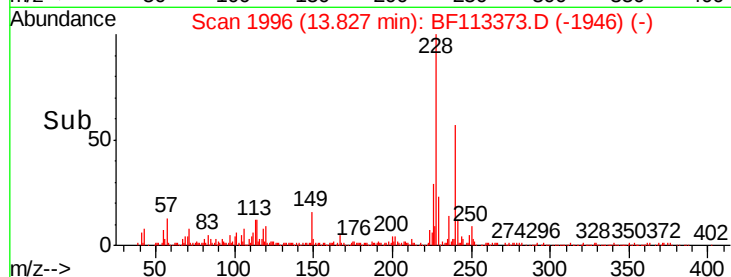
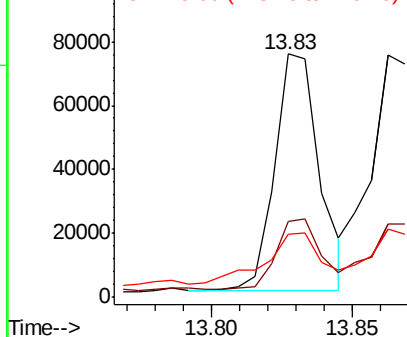
Tot Ion:	228	Resp:	81747
Ion Ratio	Lower	Upper	
228	100		
226	31.3	21.8	32.8
229	25.8	16.2	24.4

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 3.767 ng

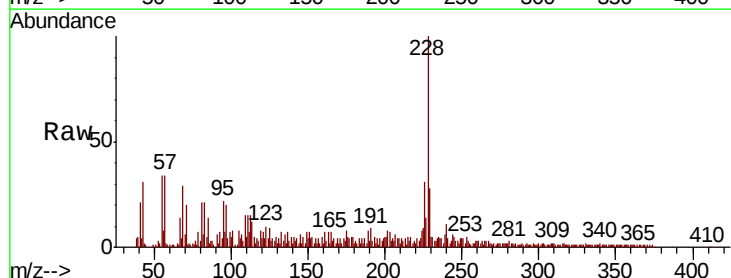
RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

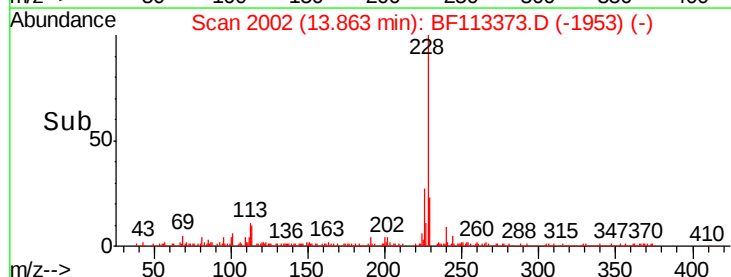
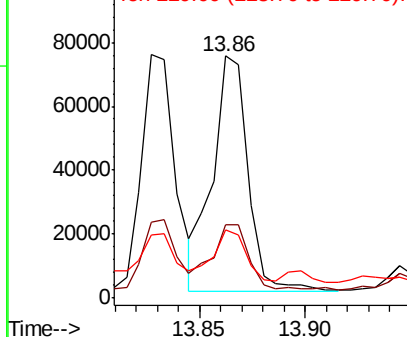
Lab File: BF113373.D

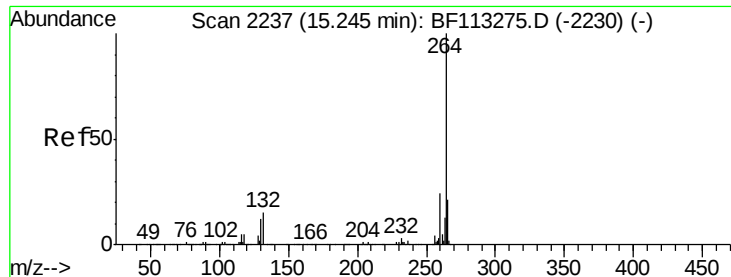
Acq: 28 Mar 2019 14:42

Tgt Ion:	228	Resp:	86440
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.3	36.5
229	28.0	16.3	24.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





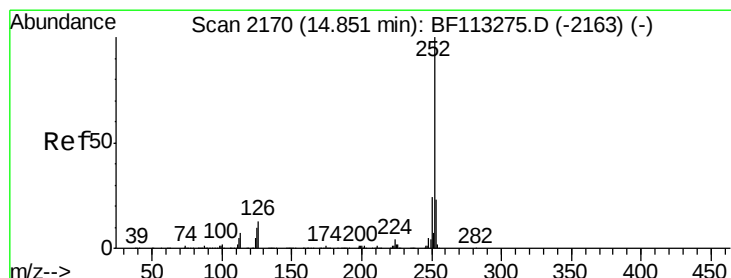
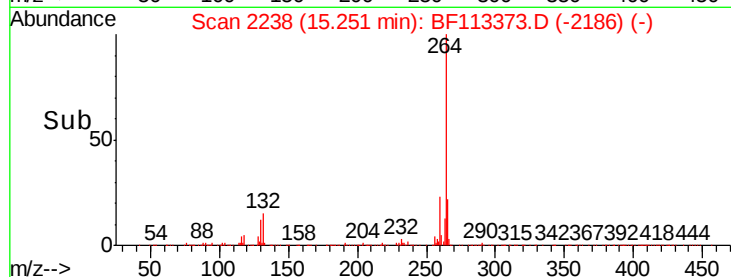
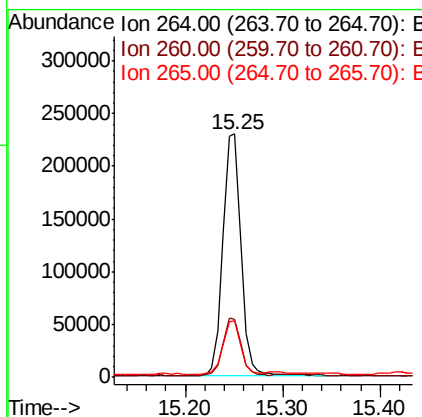
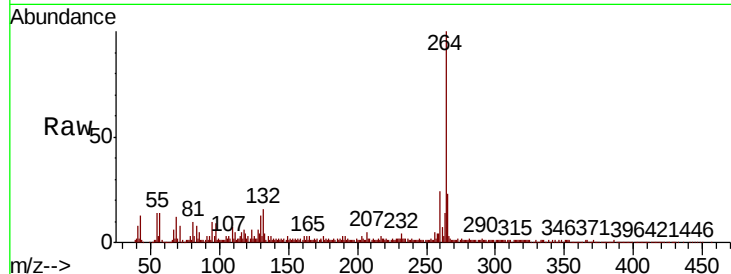
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF113373.D
Acq: 28 Mar 2019 14:42

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-005-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	23.1	17.1	25.7

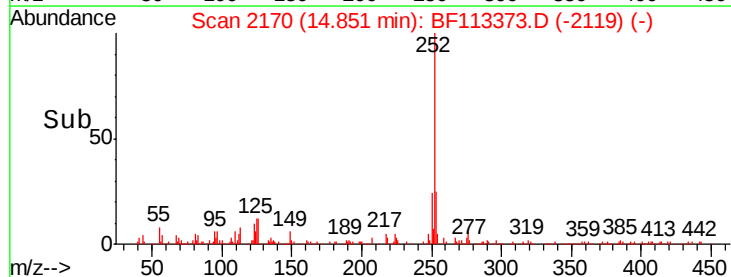
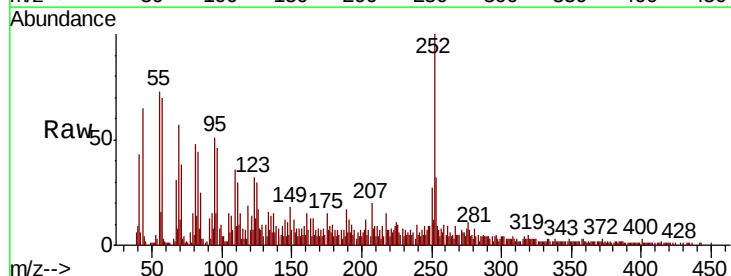
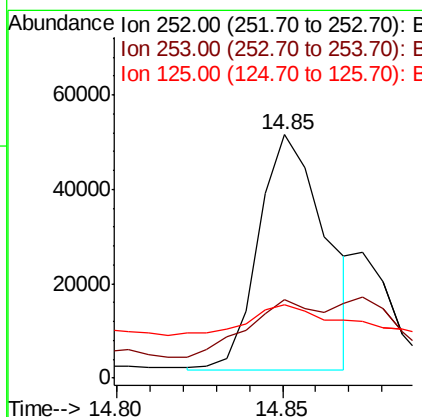
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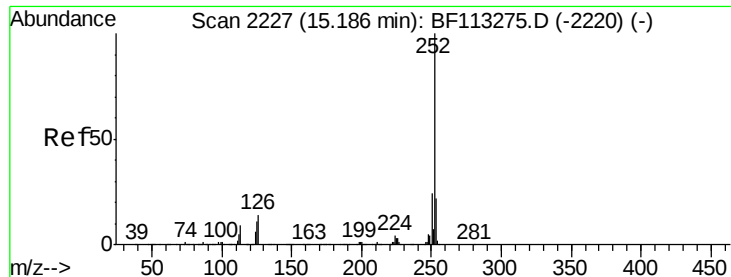
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#88
Benzo(b)fluoranthene
Concen: 3.816 ng m
RT: 14.85 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BF113373.D
Acq: 28 Mar 2019 14:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.3	18.0	27.0#
125	30.0	7.6	11.4#





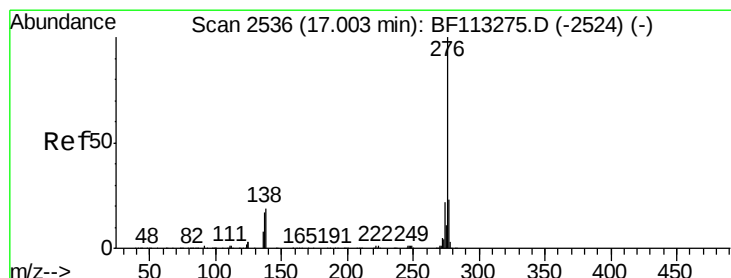
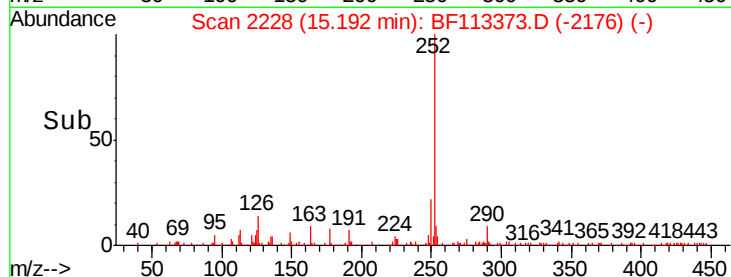
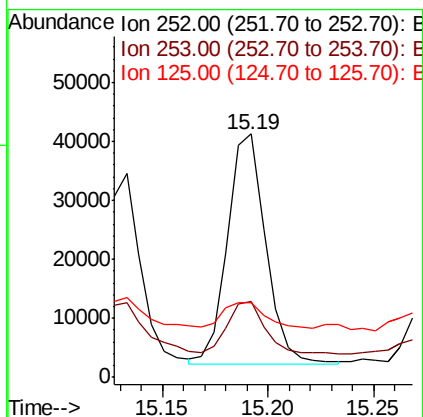
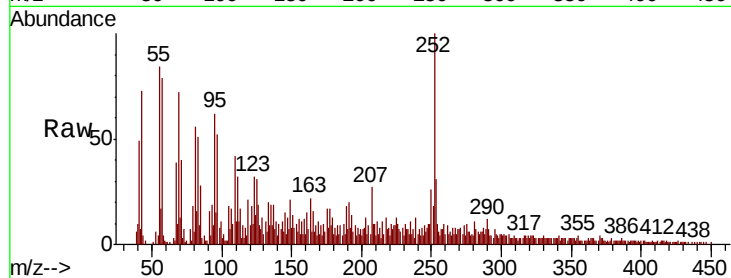
#90
Benzo(a)pyrene
Concen: 3.032 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF113373.D
Acq: 28 Mar 2019 14:42

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-005-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.2	17.9	26.9#
125	30.5	8.8	13.2#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.091 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.01 min
Lab File: BF113373.D
Acq: 28 Mar 2019 14:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	36.0	18.8	28.2#
138	33.9	15.6	23.4#

