

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
 Data File : BF113318.D
 Acq On : 27 Mar 2019 4:14
 Operator : JU/SJ
 Sample : K1950-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Mar 27 08:34:39 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	141217	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	559251	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	227234	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	439596	20.00	ng	0.00
76) Chrysene-d12	13.84	240	441856	20.00	ng	0.00
87) Perylene-d12	15.24	264	336593	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	107410	12.44	ng	0.00
7) Phenol-d6	6.35	99	207318	18.98	ng	-0.01
23) Nitrobenzene-d5	7.26	82	120152	12.75	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	19290	6.87	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	248617	-0.62	ng	0.00
79) Terphenyl-d14	12.79	244	278027	13.87	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.23	178	112389	5.148	ng	97
75) Fluoranthene	12.42	202	126346	5.120	ng	99
78) Pyrene	12.64	202	117852	3.849	ng	97
81) Benzo(a)anthracene	13.83	228	54133	2.140	ng	# 94
83) Chrysene	13.86	228	54461	2.120	ng	# 92
88) Benzo(b)fluoranthene	14.84	252	51203m	2.449	ng	

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

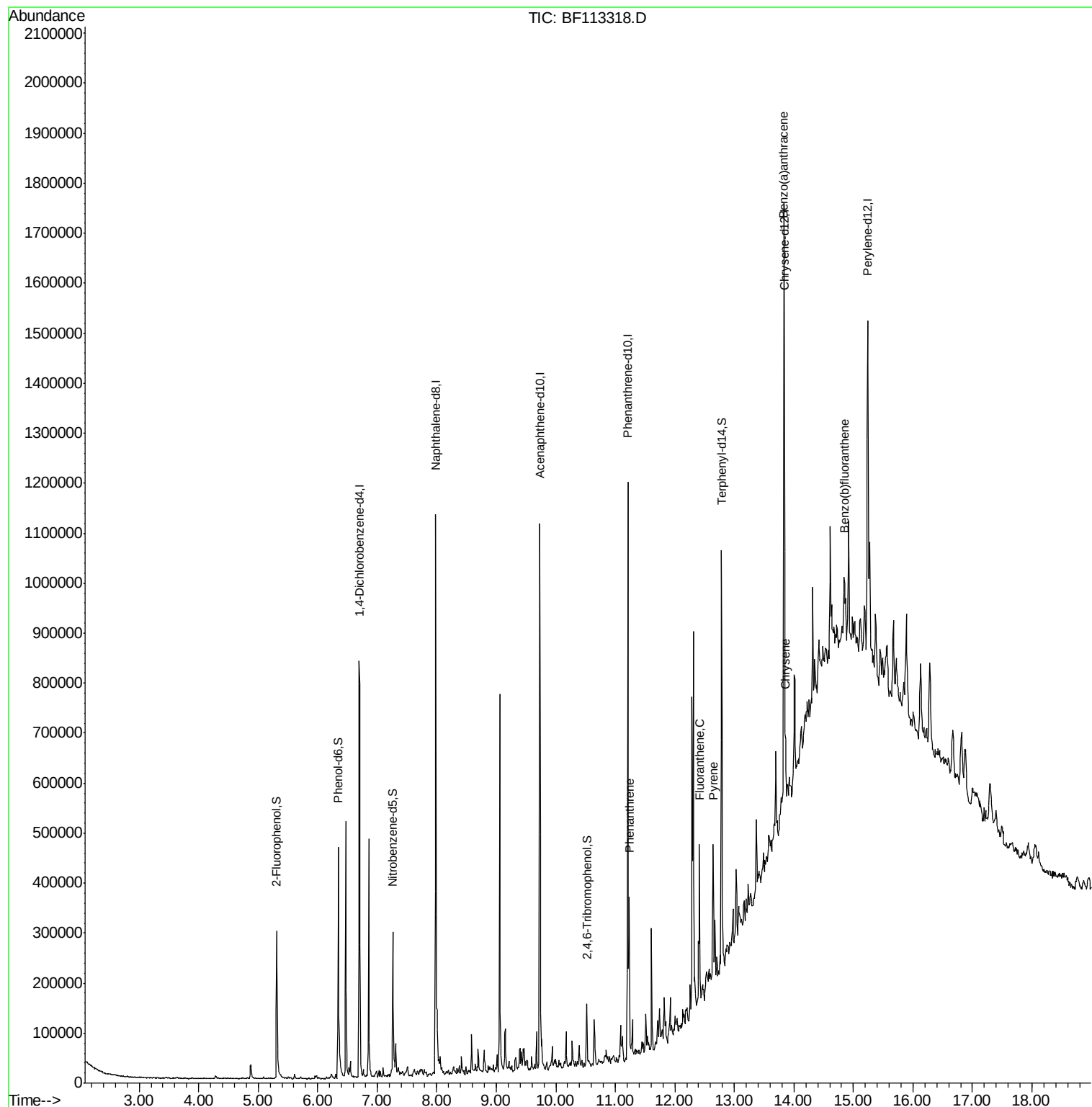
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
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Misc :
ALS Vial : 22 Sample Multiplier: 1

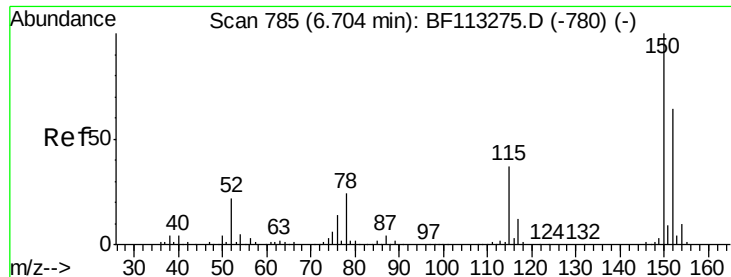
Instrument :
BNA_F
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#1

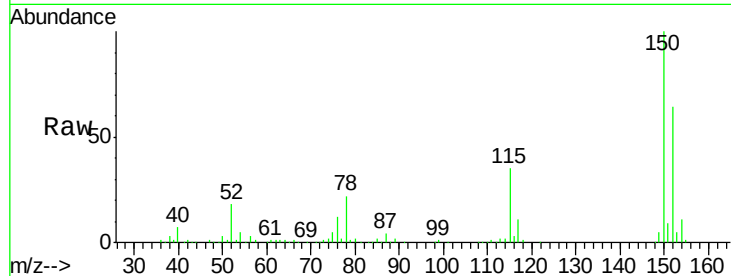
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113318.D
Acq: 27 Mar 2019 4:14

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

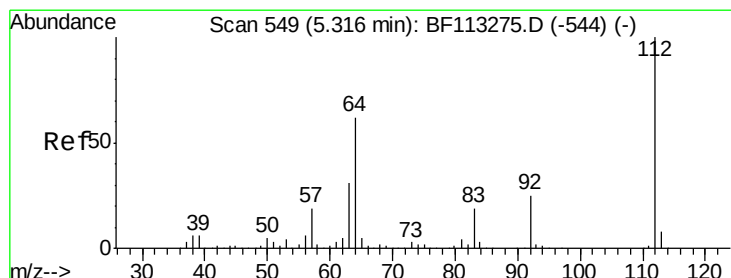
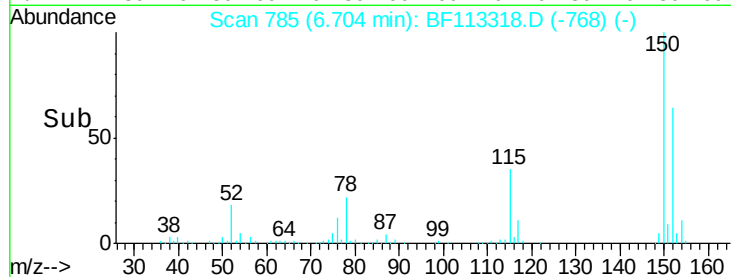
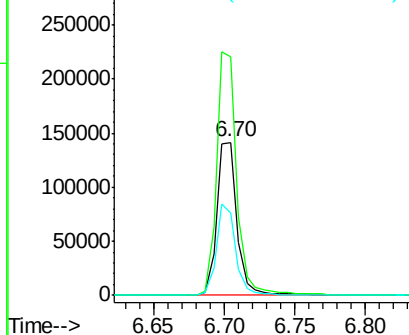
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.7	187.1
115	54.0	46.0	69.0

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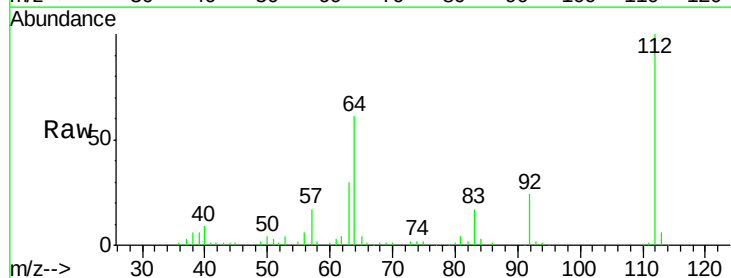
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



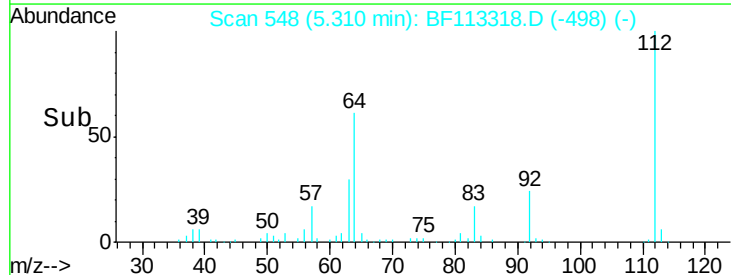
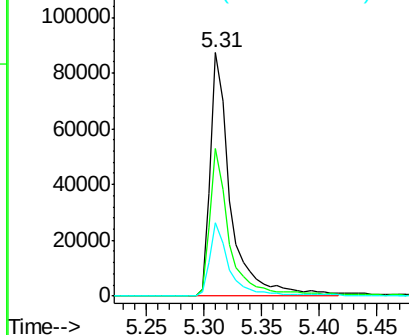
#5

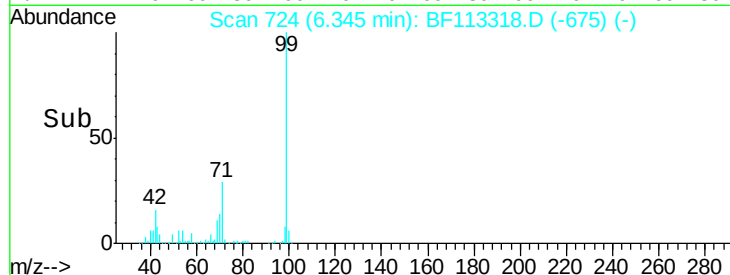
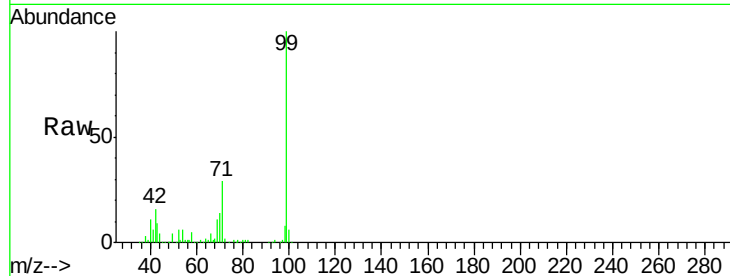
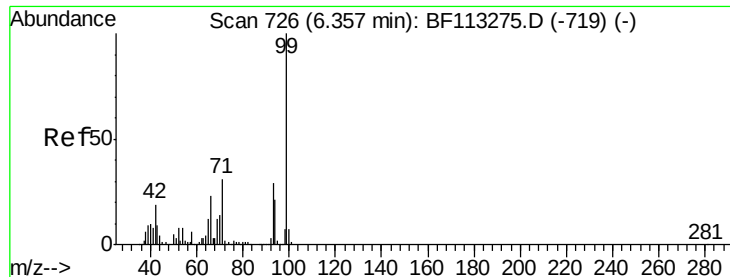
2-Fluorophenol
Concen: 12.437 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF113318.D
Acq: 27 Mar 2019 4:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	49.2	73.8
63	30.0	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: 18.975 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113318.D

Acq: 27 Mar 2019 4:14

Tgt Ion:	99	Resp:	207318
Ion Ratio	Lower	Upper	
99	100		
42	15.8	14.8	22.2
71	29.1	24.9	37.3

Instrument :

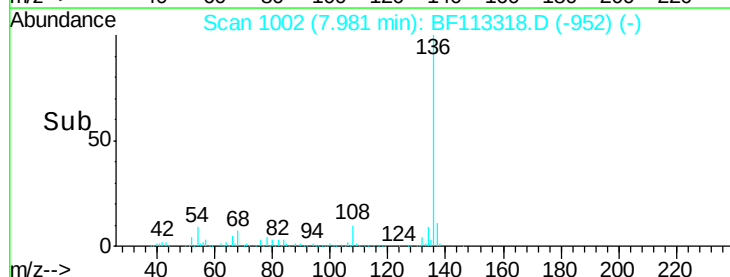
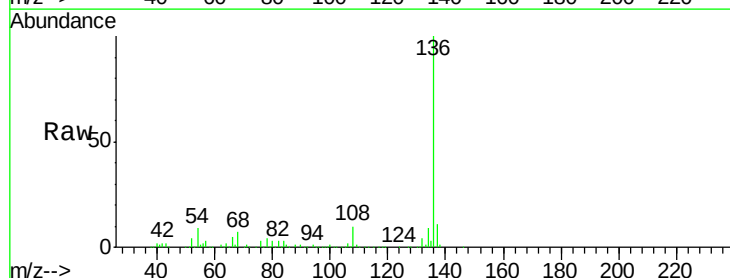
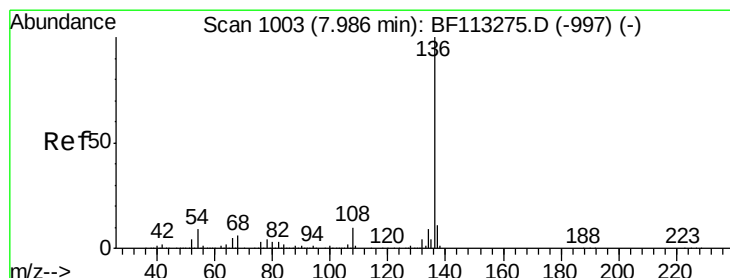
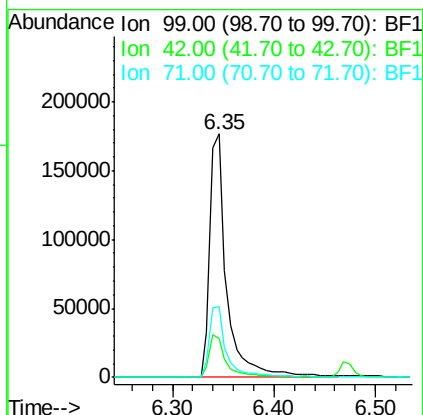
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#21

Naphthalene-d8

Concen: 20.000 ng

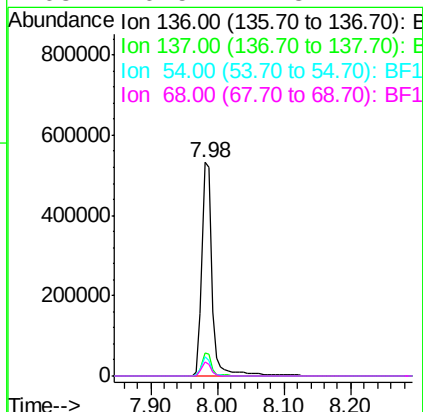
RT: 7.98 min Scan# 1002

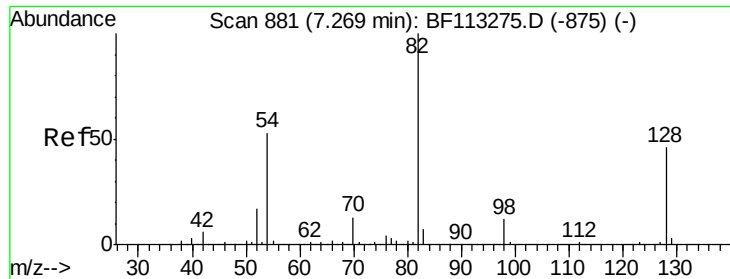
Delta R.T. -0.01 min

Lab File: BF113318.D

Acq: 27 Mar 2019 4:14

Tgt Ion:	136	Resp:	559251
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	8.7	7.0	10.6
68	6.5	4.8	7.2





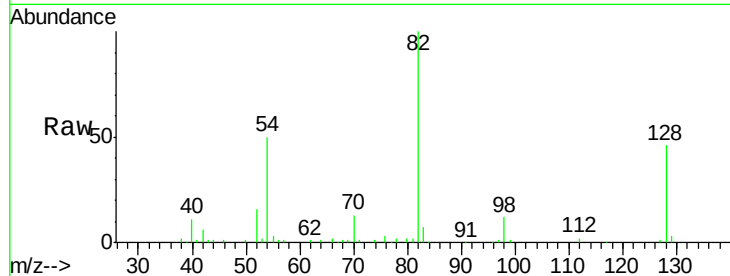
#23
Nitrobenzene-d5
Concen: 12.752 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF113318.D
Acq: 27 Mar 2019 4:14

Instrument :
BNA_F
ClientSampled :
FK-SF-03-005-A

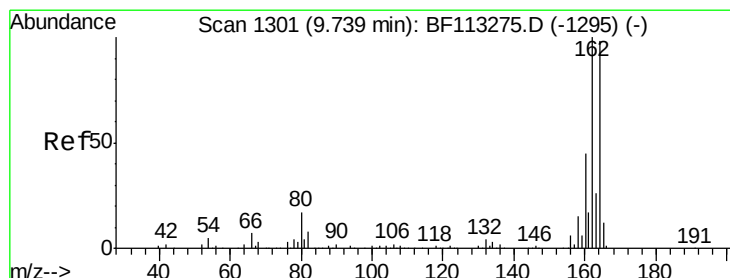
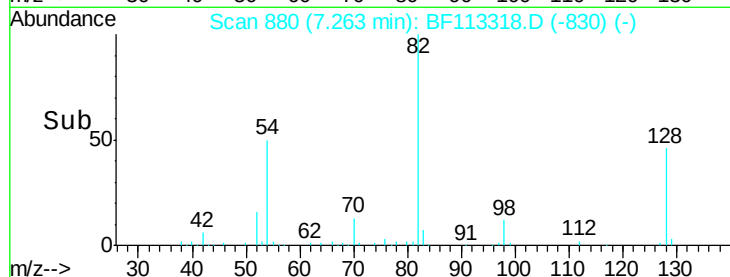
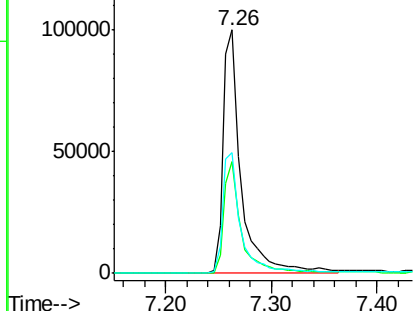
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	120152		
128	46.1	36.5	54.7	
54	49.7	42.2	63.2	

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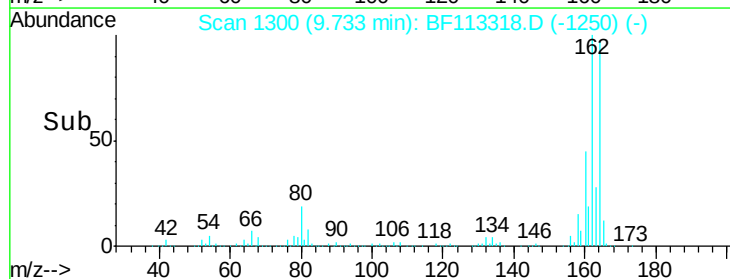
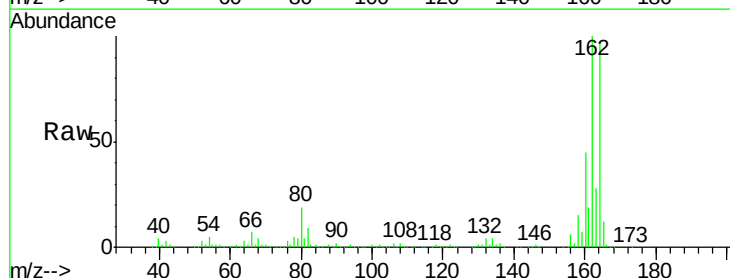
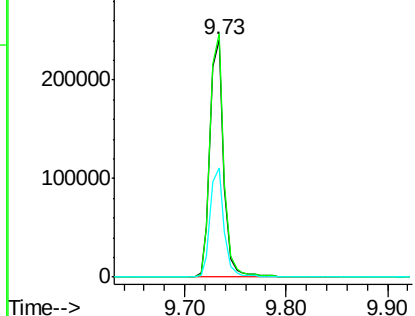
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

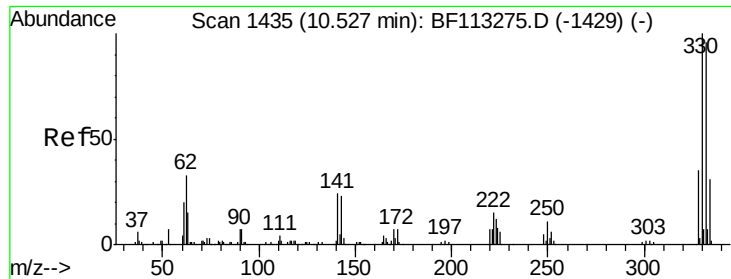


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113318.D
Acq: 27 Mar 2019 4:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	227234		
162	102.6	81.8	122.6	
160	46.2	36.4	54.6	

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 6.872 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113318.D

Acq: 27 Mar 2019 4:14

Instrument :

BNA_F

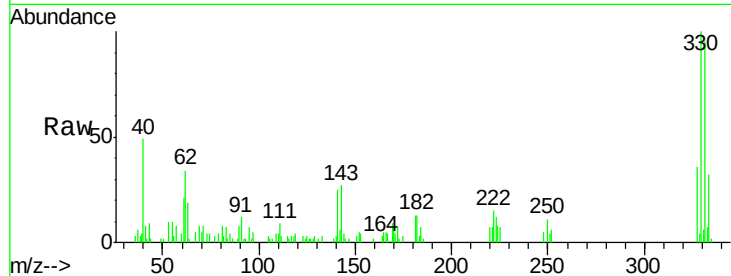
ClientSampleId :

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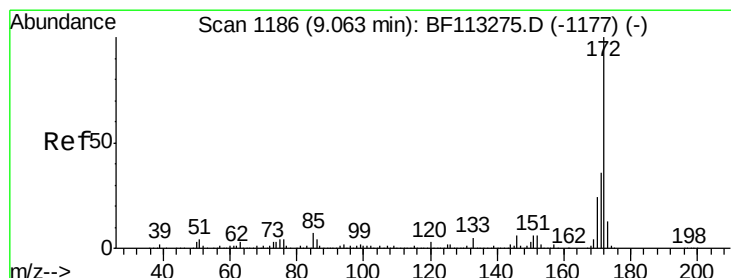
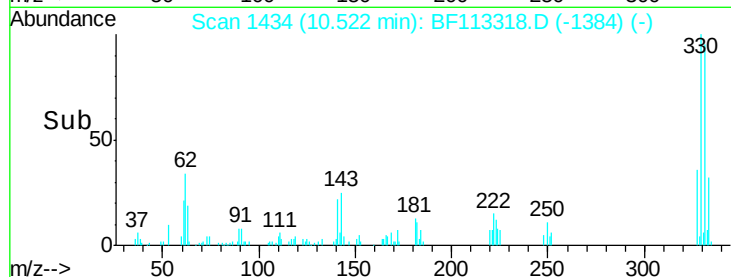
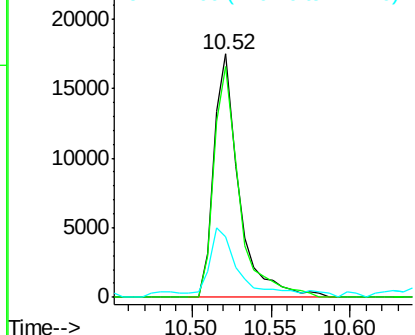
Tgt Ion:	330	Resp:	19290
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.8	116.6
141	35.9	22.7	34.1#

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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: -0.616 ng

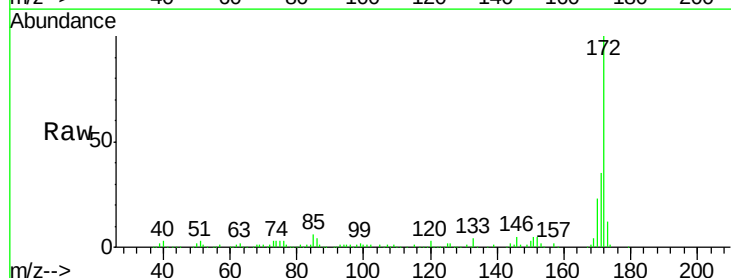
RT: 9.06 min Scan# 1185

Delta R.T. -0.01 min

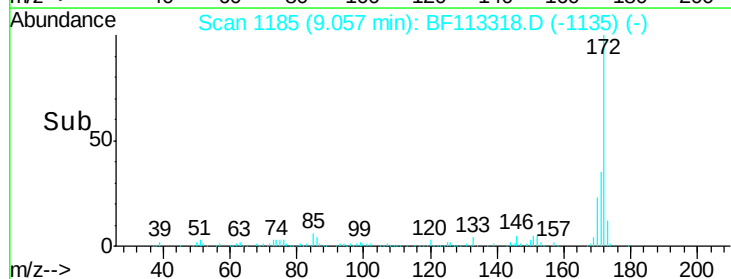
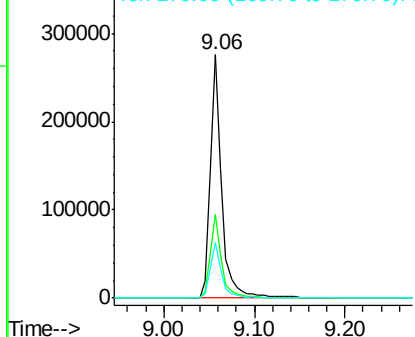
Lab File: BF113318.D

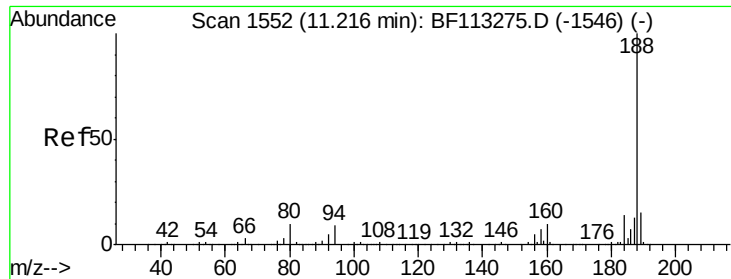
Acq: 27 Mar 2019 4:14

Tgt Ion:	172	Resp:	248617
Ion Ratio	Lower	Upper	
172	100		
171	34.6	29.0	43.6
170	23.0	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





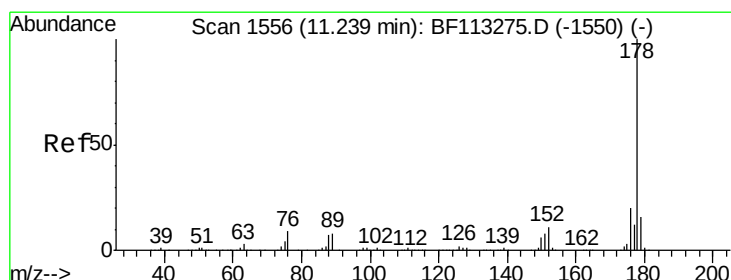
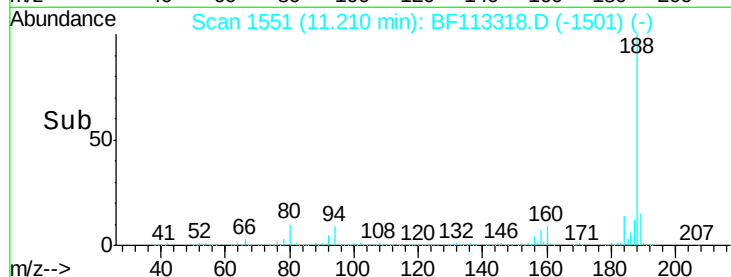
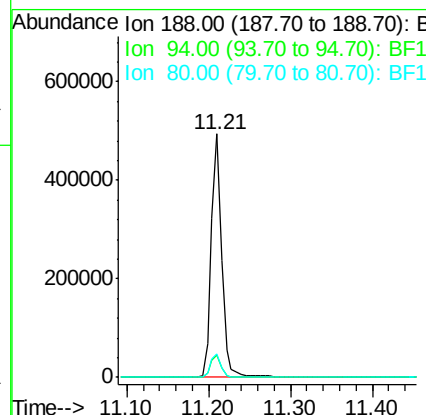
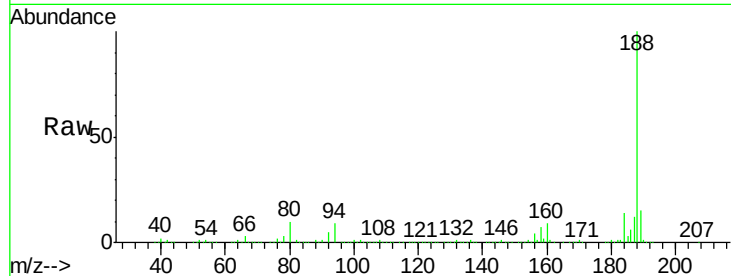
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113318.D
Acq: 27 Mar 2019 4:14

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.3	7.0	10.6
80	9.6	7.7	11.5

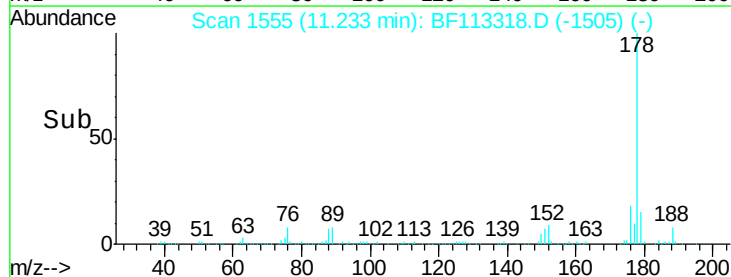
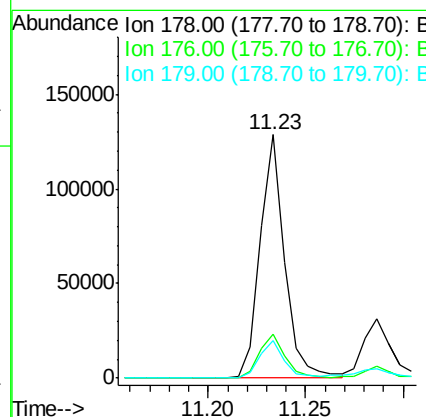
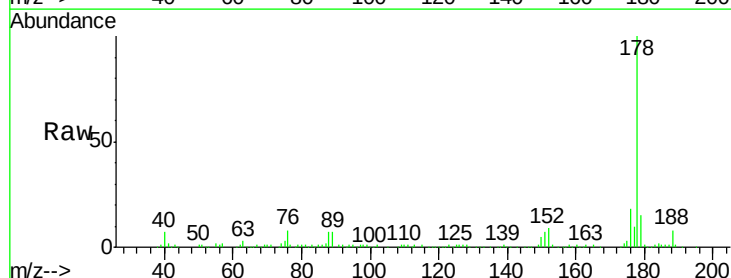
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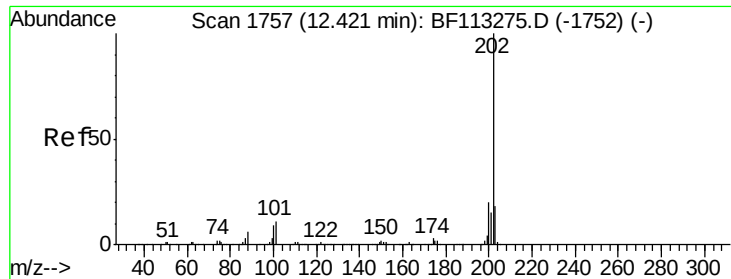
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#71
Phenanthrene
Concen: 5.148 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113318.D
Acq: 27 Mar 2019 4:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.2	16.2	24.2
179	15.2	12.7	19.1





#75

Fluoranthene

Concen: 5.120 ng

RT: 12.42 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BF113318.D

Acq: 27 Mar 2019 4:14

Instrument :

BNA_F

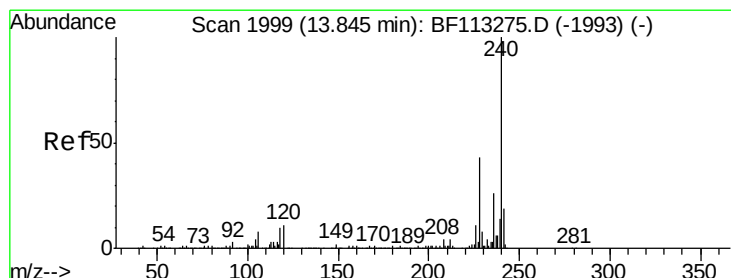
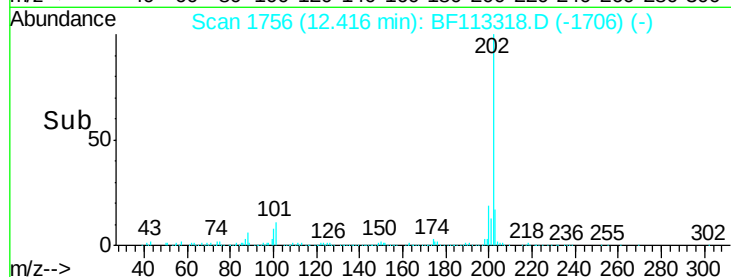
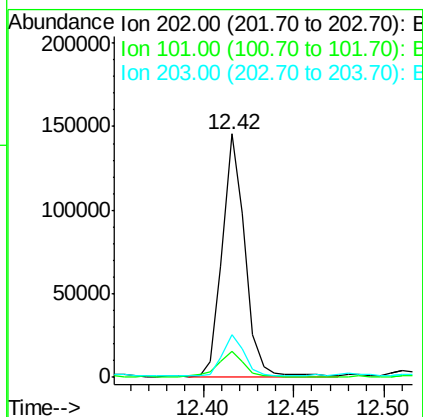
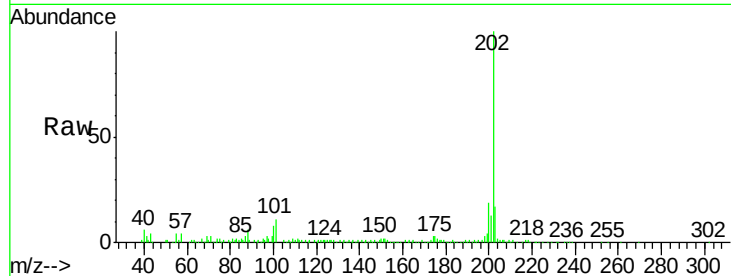
ClientSampleId :

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Tgt Ion:	202	Resp:	126346
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	31.4
203	17.4	0.0	38.0

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#76

Chrysene-d12

Concen: 20.000 ng

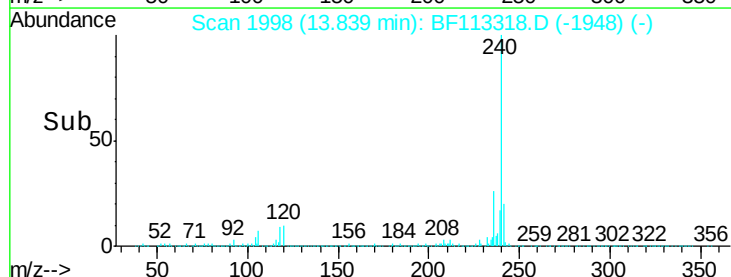
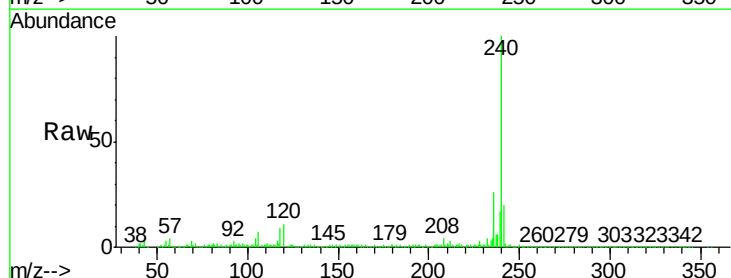
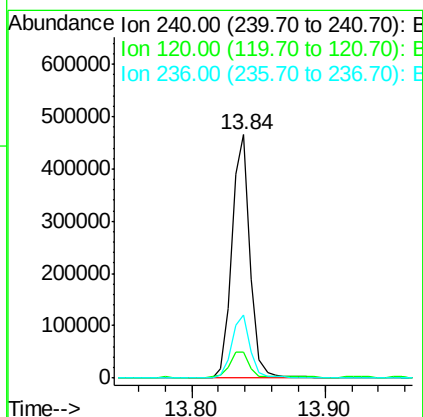
RT: 13.84 min Scan# 1998

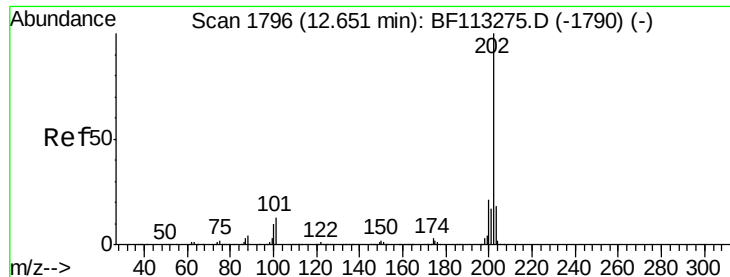
Delta R.T. -0.01 min

Lab File: BF113318.D

Acq: 27 Mar 2019 4:14

Tgt Ion:	240	Resp:	441856
Ion Ratio	Lower	Upper	
240	100		
120	10.8	8.8	13.2
236	25.8	20.9	31.3





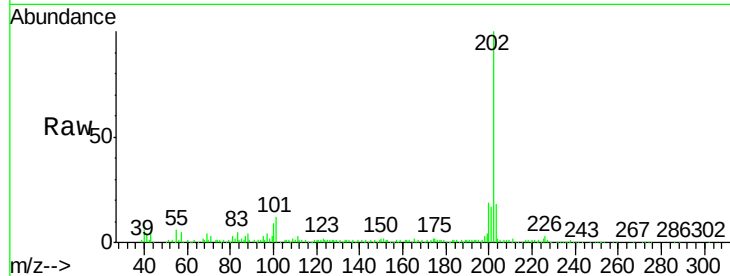
#78
Pyrene
Concen: 3.849 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF113318.D
Acq: 27 Mar 2019 4:14

Instrument :
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FK-SF-03-005-A

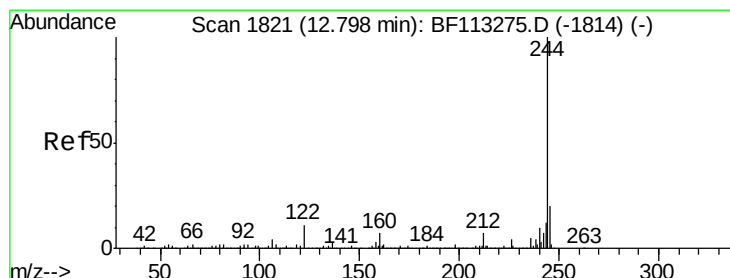
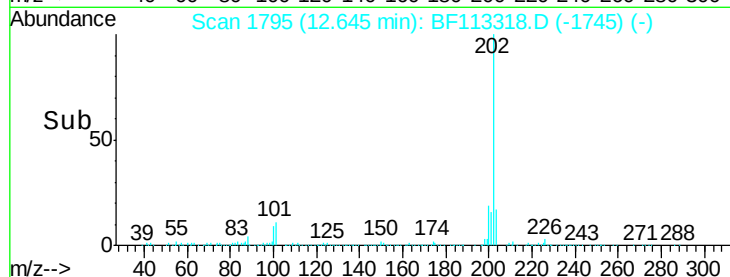
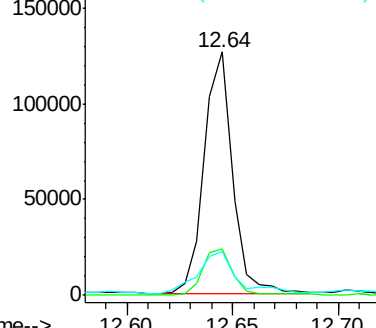
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	117852		
200	18.9	16.8	25.2	
203	17.9	14.4	21.6	

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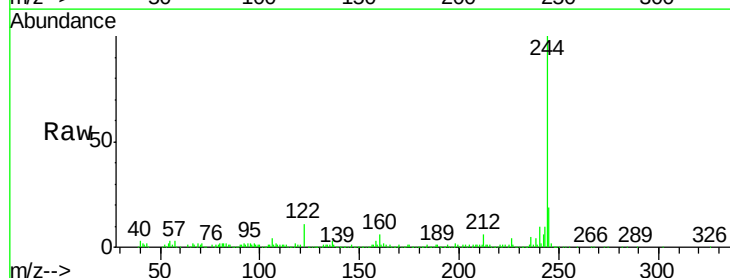


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

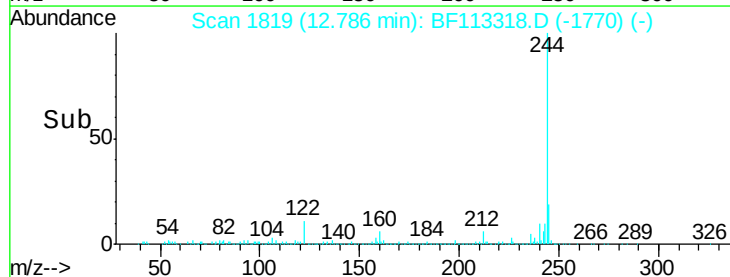
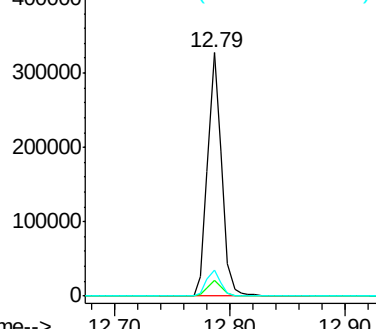


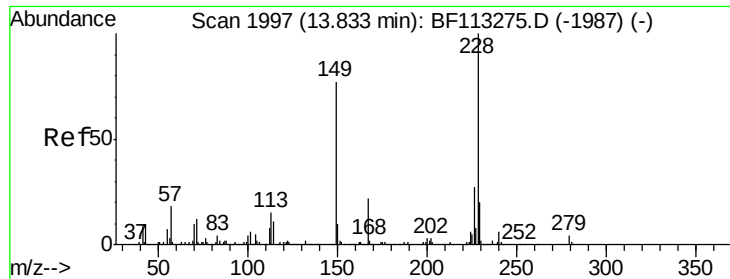
#79
Terphenyl-d14
Concen: 13.869 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF113318.D
Acq: 27 Mar 2019 4:14

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	278027		
212	6.4	5.5	8.3	
122	10.7	8.6	13.0	



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





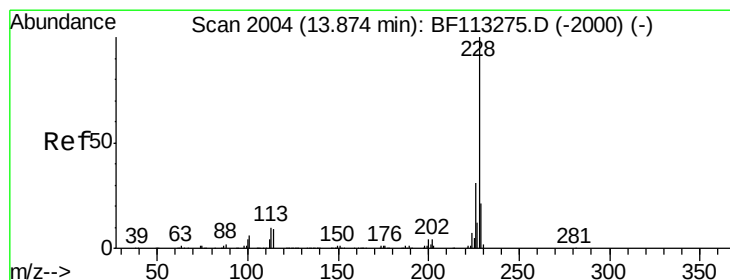
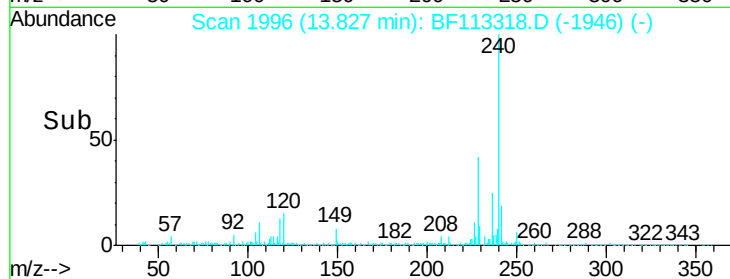
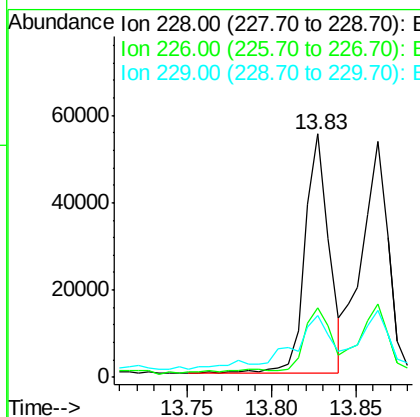
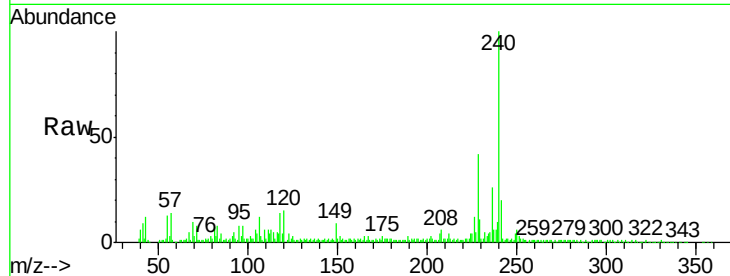
#81
Benzo(a)anthracene
Concen: 2.140 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF113318.D
Acq: 27 Mar 2019 4:14

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

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	21.8	32.8
229	25.2	16.2	24.4

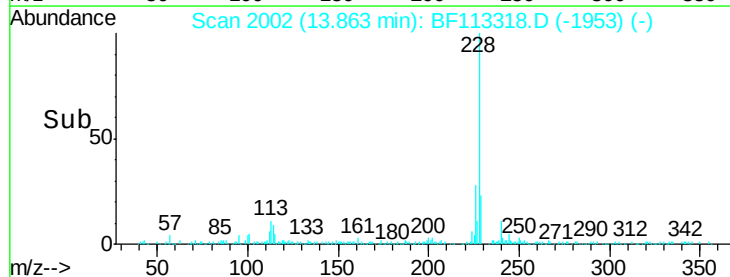
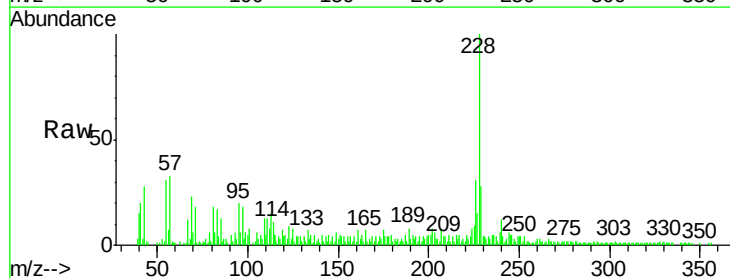
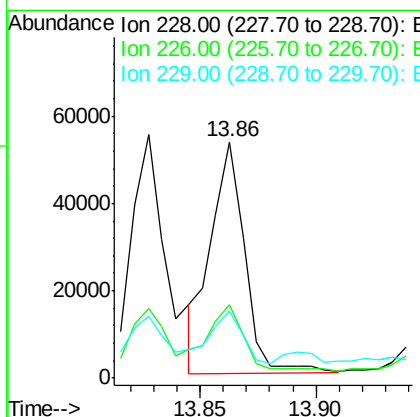
Manual Integrations
APPROVED

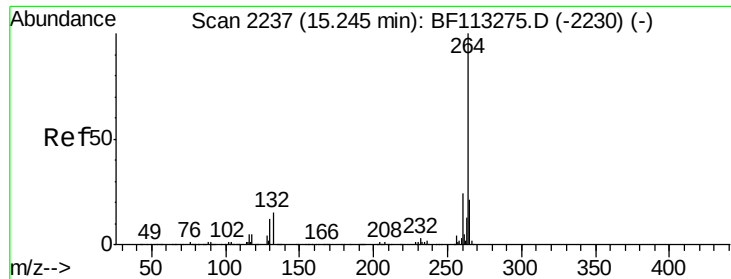
Sohil
3/27/2019 3:17:58 PM



#83
Chrysene
Concen: 2.120 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113318.D
Acq: 27 Mar 2019 4:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.3	36.5
229	28.4	16.3	24.5





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BF113318.D

Acq: 27 Mar 2019 4:14

Instrument :

BNA_F

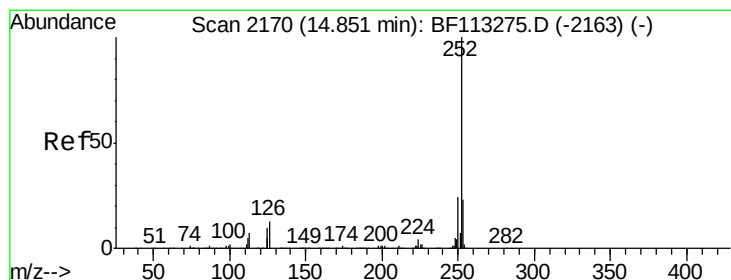
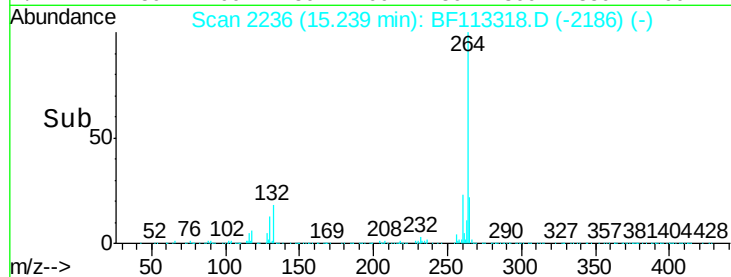
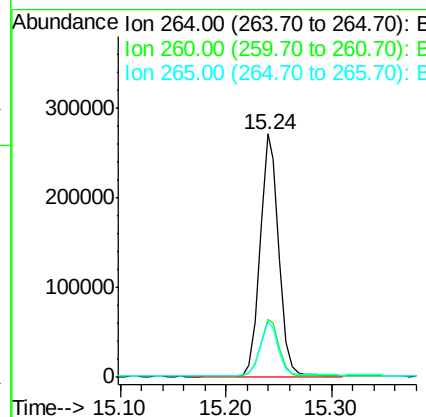
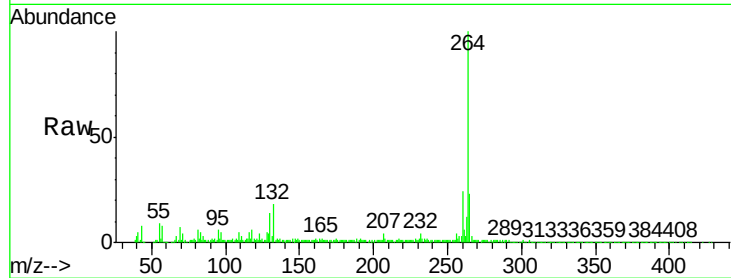
ClientSampleId :

FK-SF-03-005-A

Tgt Ion:	264	Resp:	336593
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.1	28.7
265	22.6	17.1	25.7

Manual Integrations
APPROVED

Sohil
3/27/2019 3:17:58 PM



#88

Benzo(b)fluoranthene

Concen: 2.449 ng m

RT: 14.84 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BF113318.D

Acq: 27 Mar 2019 4:14

Tgt Ion:	252	Resp:	51203
Ion Ratio	Lower	Upper	
252	100		
253	32.9	18.0	27.0#
125	24.9	7.6	11.4#

