

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
 Data File : BF113246.D
 Acq On : 22 Mar 2019 20:42
 Operator : JU/SJ
 Sample : K2004-12 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-23(4-5)

Manual Integrations
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 3/25/2019 6:32:24 PM

Quant Time: Mar 23 00:51:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	147253	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	577070	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	251529	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	431728	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	389890	20.00	ng	-0.01
87) Perylene-d12	15.27	264	414009	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	262562	27.74	ng	-0.02
7) Phenol-d6	6.36	99	356115	29.95	ng	-0.02
23) Nitrobenzene-d5	7.27	82	196785	20.41	ng	-0.03
42) 2,4,6-Tribromophenol	10.53	330	87539	32.78	ng	-0.02
45) 2-Fluorobiphenyl	9.07	172	364480	18.97	ng	-0.02
79) Terphenyl-d14	12.80	244	306953	15.26	ng	-0.02
Target Compounds						
83) Chrysene	13.88	228	56734	2.143	ng	97
88) Benzo(b)fluoranthene	14.87	252	60264m	2.250	ng	
90) Benzo(a)pyrene	15.21	252	52444	2.214	ng	96
92) Benzo(g,h,i)perylene	17.04	276	52862	2.605	ng	96

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

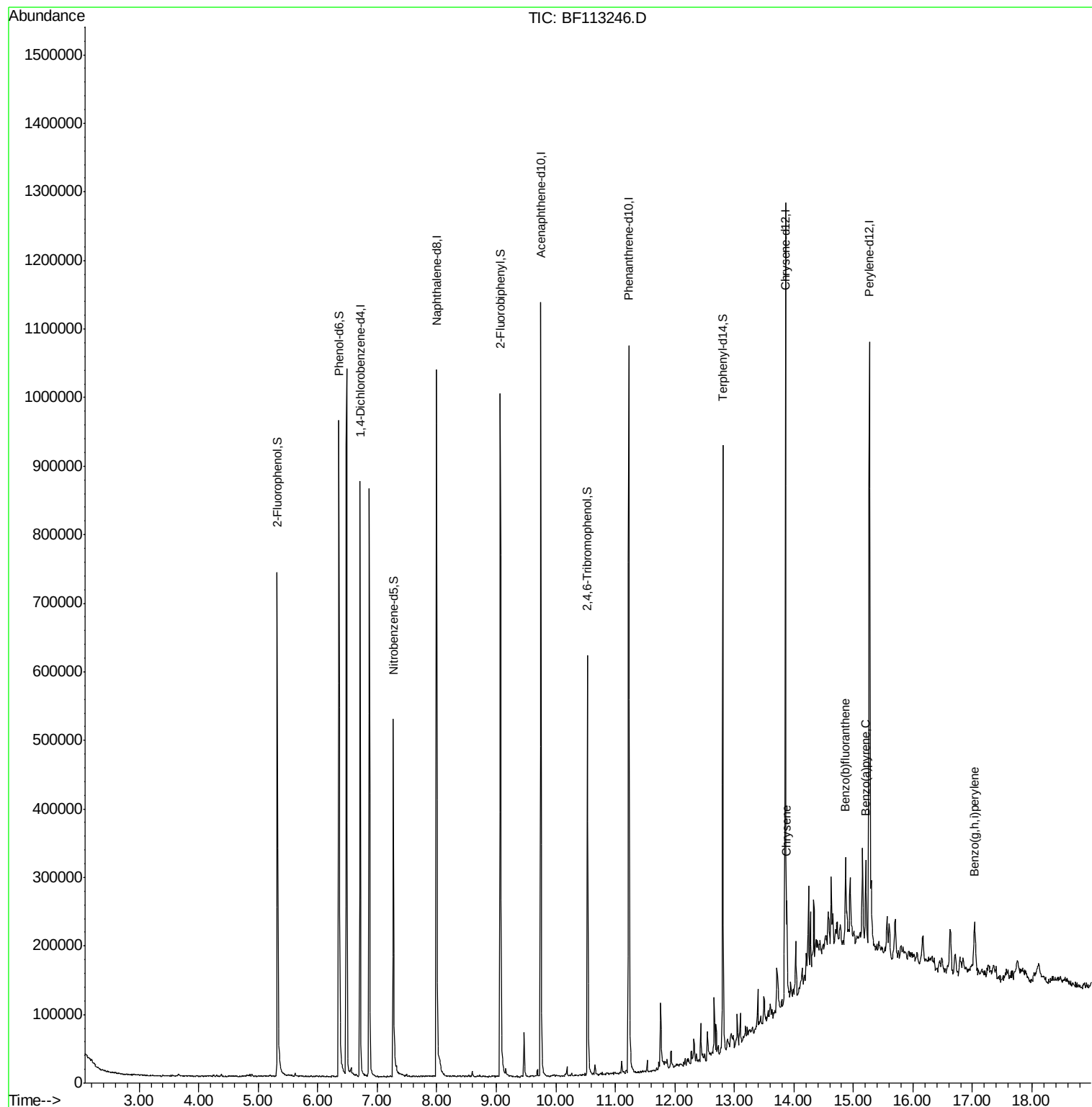
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
Data File : BF113246.D
Acq On : 22 Mar 2019 20:42
Operator : JU/SJ
Sample : K2004-12 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

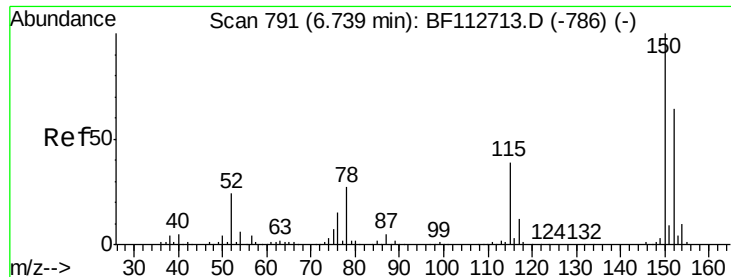
Instrument :
BNA_F
ClientSampleId :
SB-23(4-5)

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Quant Time: Mar 23 00:51:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration





#1

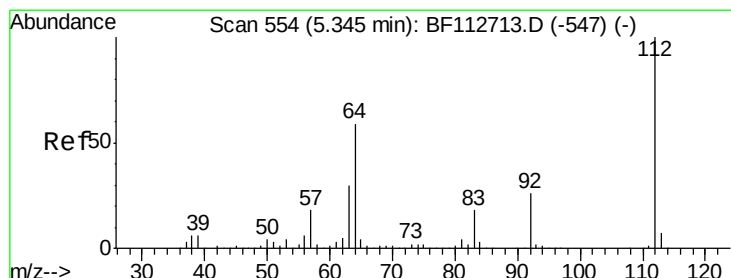
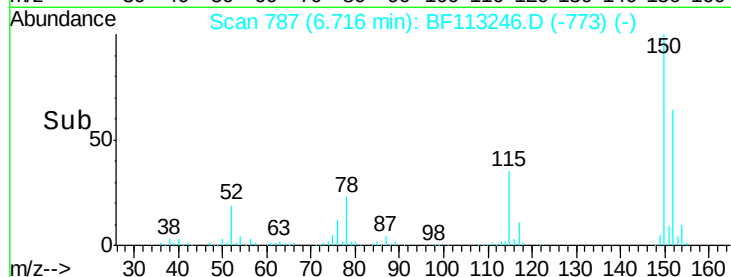
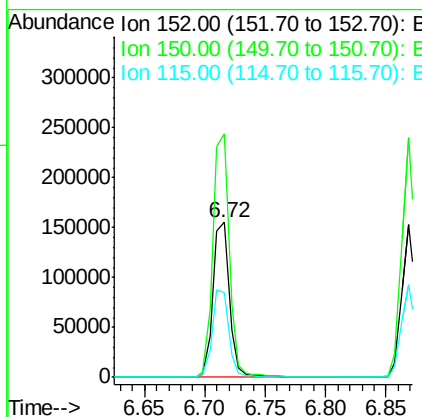
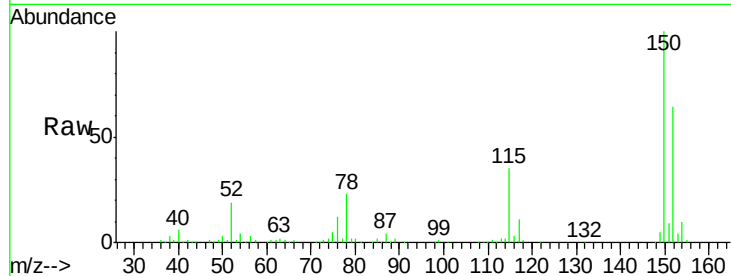
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF113246.D
Acq: 22 Mar 2019 20:42

Instrument :
BNA_F
ClientSampleId :
SB-23(4-5)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.2	186.2
115	54.7	48.2	72.4

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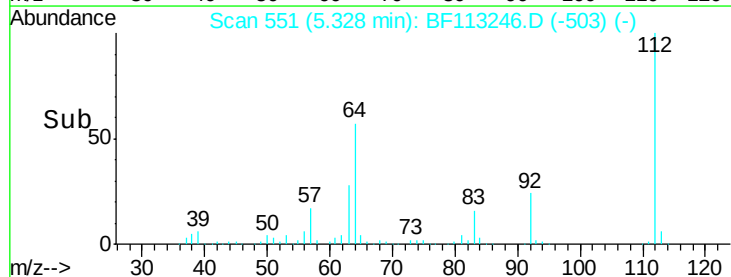
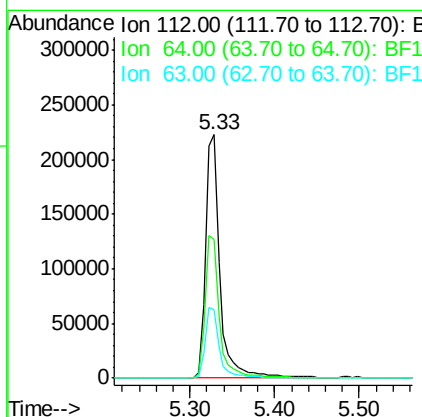
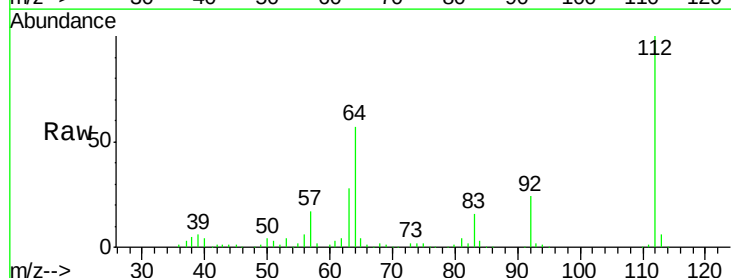
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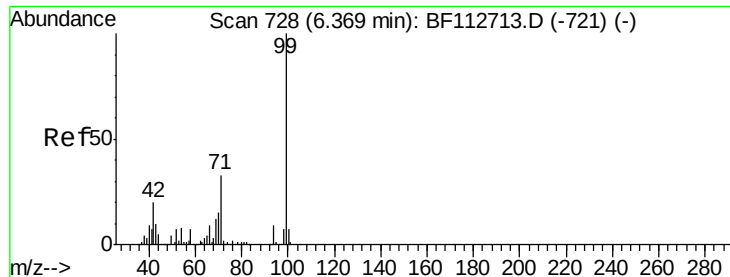


#5

2-Fluorophenol
Concen: 27.736 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF113246.D
Acq: 22 Mar 2019 20:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.6	71.4
63	27.8	24.4	36.6





#7

Phenol-d6

Concen: 29.948 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF113246.D

Acq: 22 Mar 2019 20:42

Instrument :

BNA_F

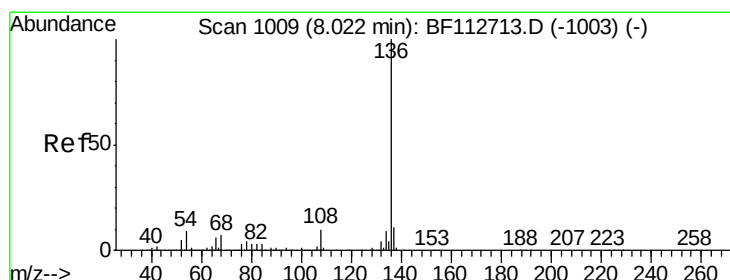
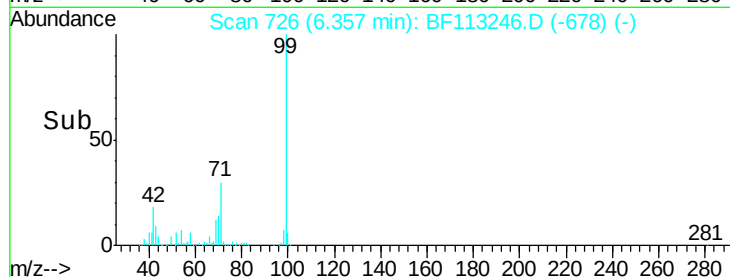
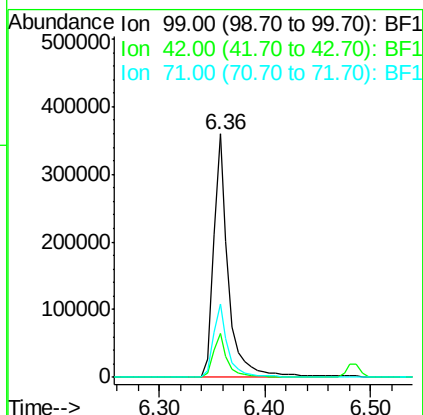
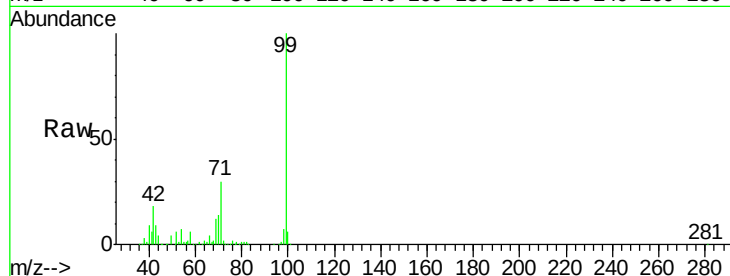
ClientSampleId :

SB-23(4-5)

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		356115		
42	18.1	16.3	24.5		
71	29.9	26.2	39.4		

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#21

Naphthalene-d8

Concen: 20.000 ng

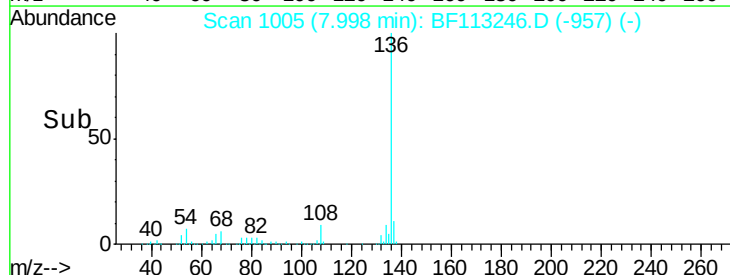
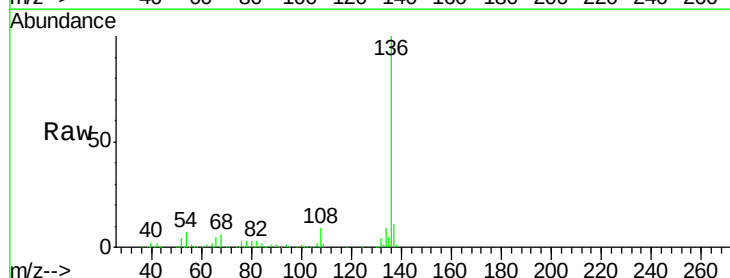
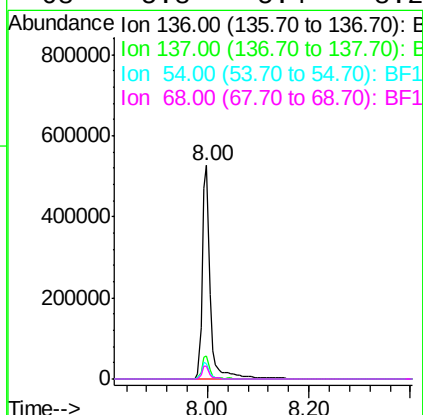
RT: 8.00 min Scan# 1005

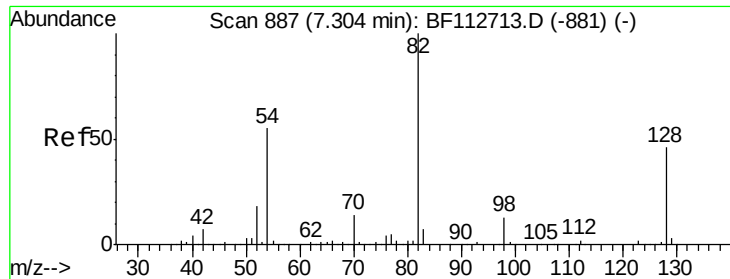
Delta R.T. -0.02 min

Lab File: BF113246.D

Acq: 22 Mar 2019 20:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		577070		
137	10.9	8.9	13.3		
54	7.5	7.3	10.9		
68	5.8	5.4	8.2		





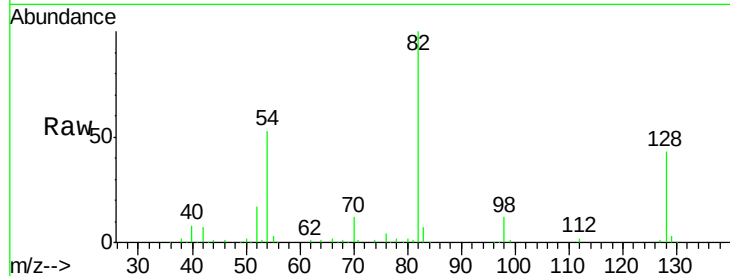
#23
Nitrobenzene-d5
Concen: 20.405 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.03 min
Lab File: BF113246.D
Acq: 22 Mar 2019 20:42

Instrument :
BNA_F
ClientSampled :
SB-23(4-5)

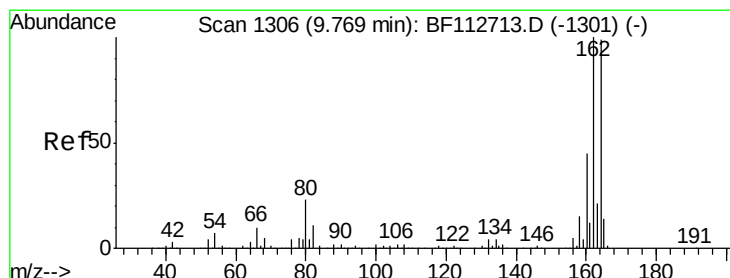
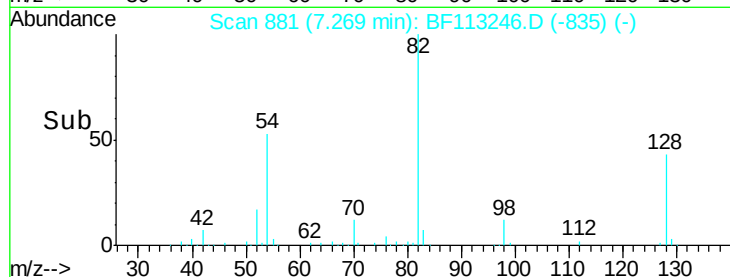
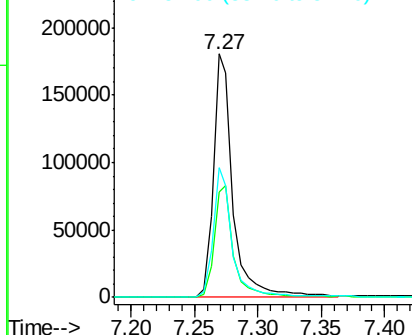
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	196785		
128	43.2	36.3	54.5	
54	53.5	43.7	65.5	

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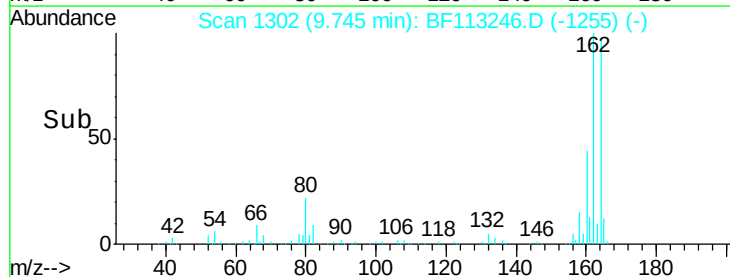
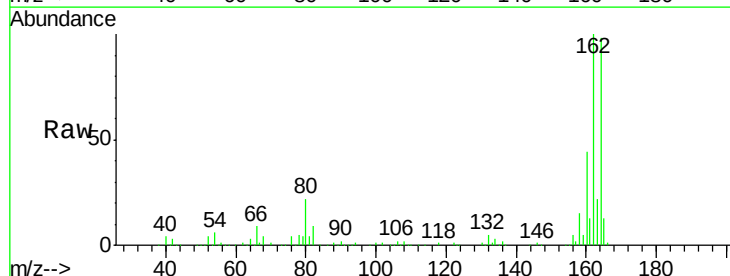
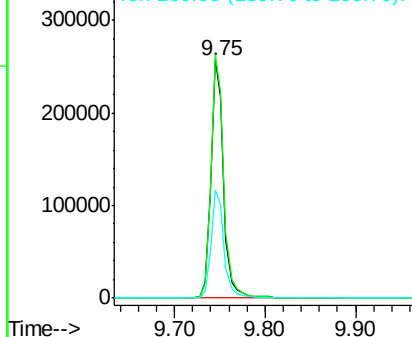
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Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

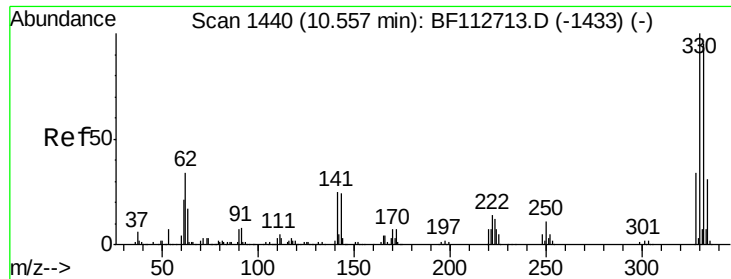


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF113246.D
Acq: 22 Mar 2019 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	251529		
162	102.1	80.6	120.8	
160	45.4	36.0	54.0	

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





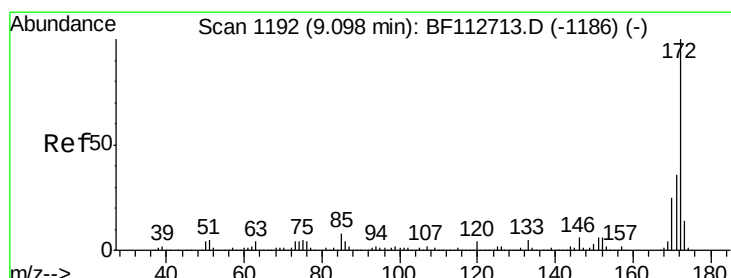
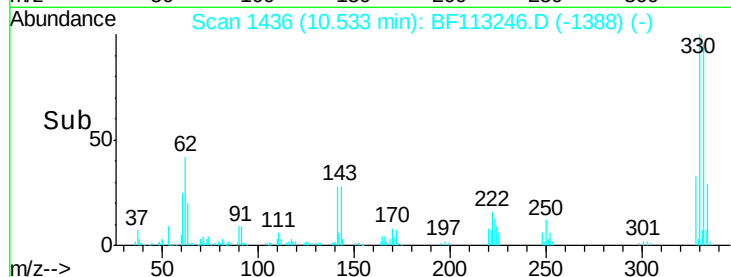
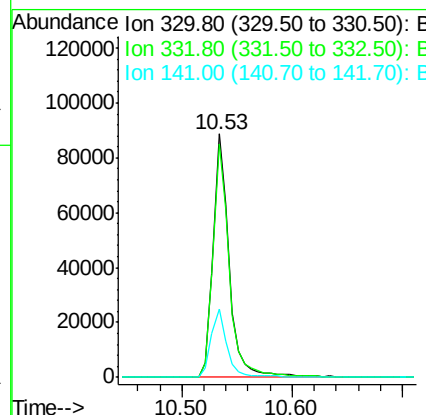
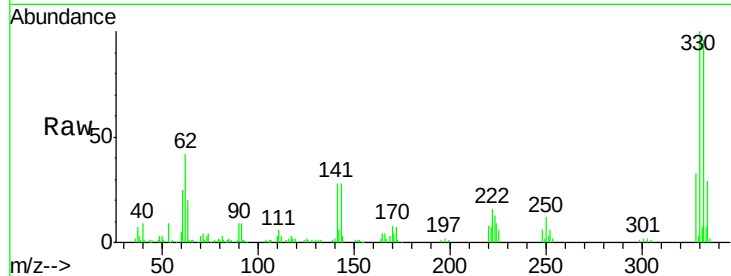
#42
 2,4,6-Tribromophenol
 Concen: 32.783 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF113246.D
 Acq: 22 Mar 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-23(4-5)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.2	114.4
141	28.1	27.0	40.6

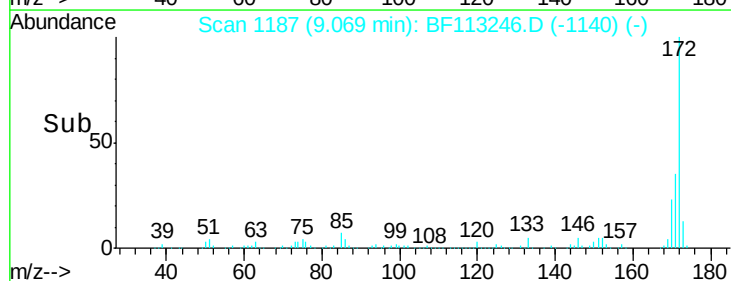
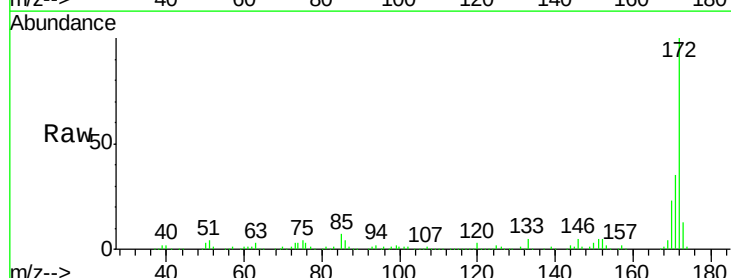
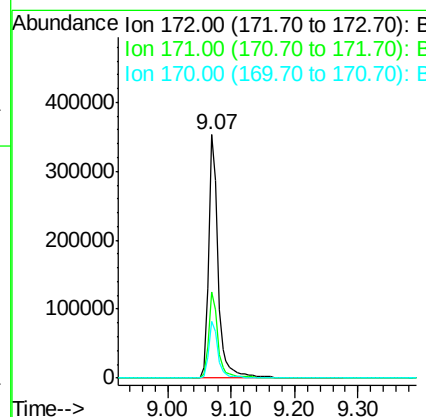
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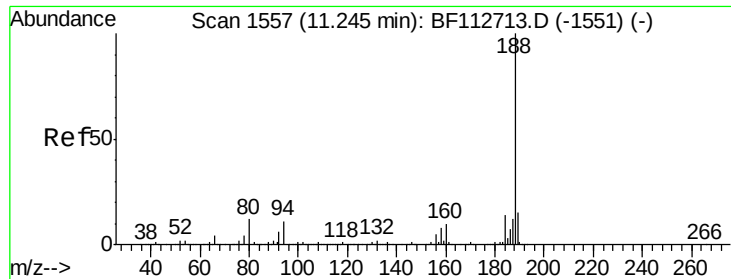
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#45
 2-Fluorobiphenyl
 Concen: 18.971 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF113246.D
 Acq: 22 Mar 2019 20:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.0	43.4
170	23.4	20.0	30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.02 min

Lab File: BF113246.D

Acq: 22 Mar 2019 20:42

Instrument :

BNA_F

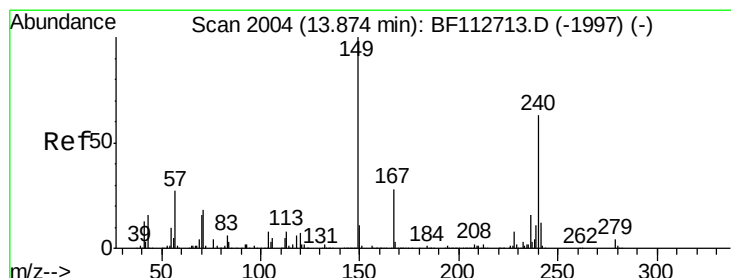
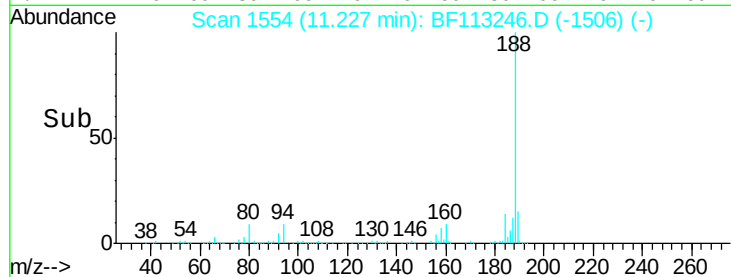
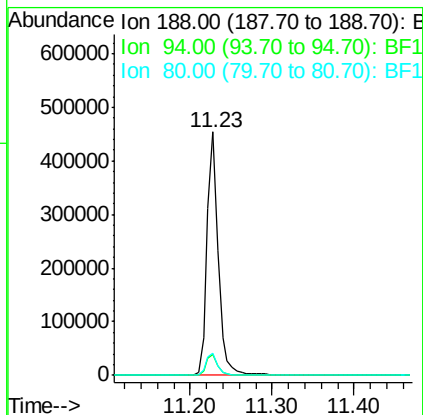
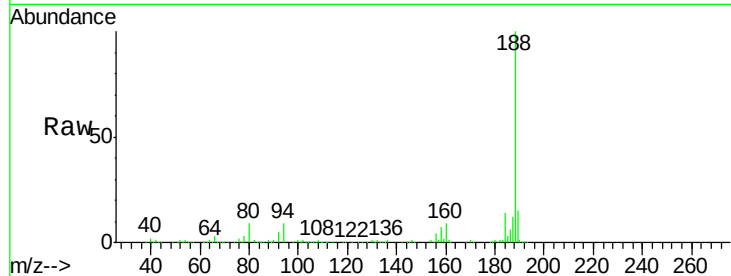
ClientSampleId :

SB-23(4-5)

Tgt Ion:	188	Resp:	431728
Ion Ratio	Lower	Upper	
188	100		
94	8.5	9.0	13.4#
80	9.3	9.2	13.8

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#76

Chrysene-d12

Concen: 20.000 ng

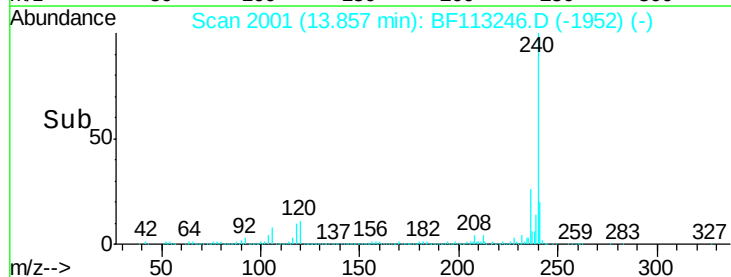
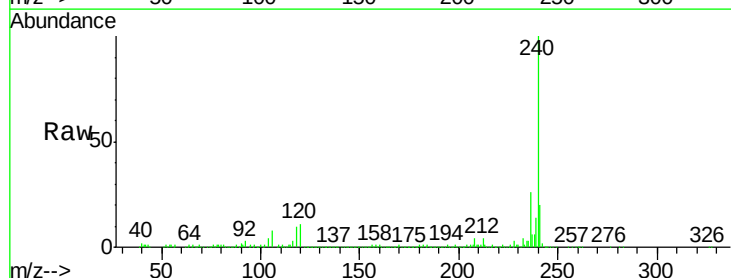
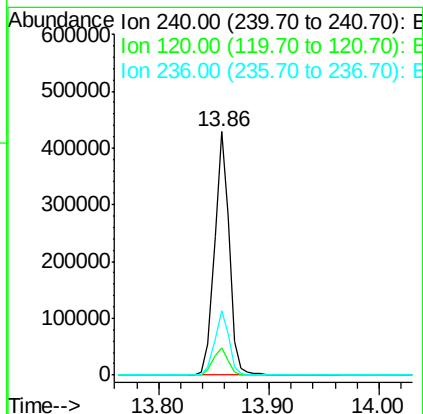
RT: 13.86 min Scan# 2001

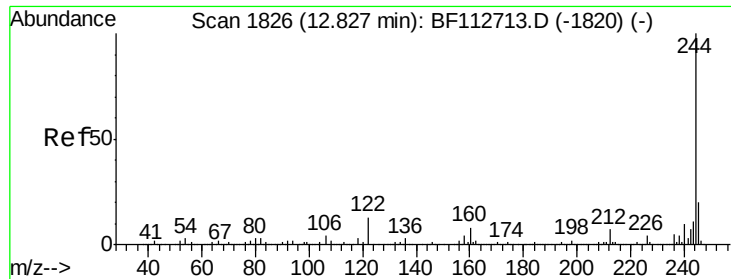
Delta R.T. -0.01 min

Lab File: BF113246.D

Acq: 22 Mar 2019 20:42

Tgt Ion:	240	Resp:	389890
Ion Ratio	Lower	Upper	
240	100		
120	11.0	8.9	13.3
236	26.2	20.7	31.1





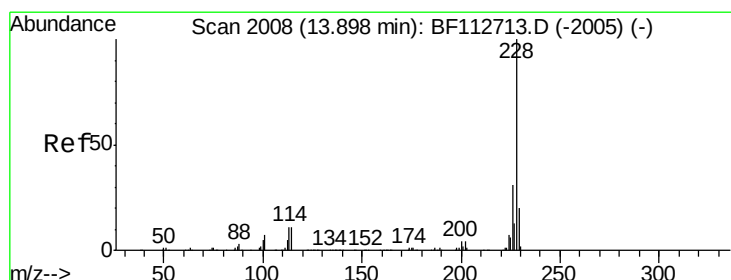
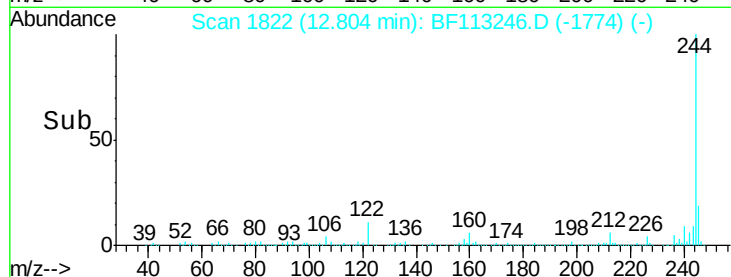
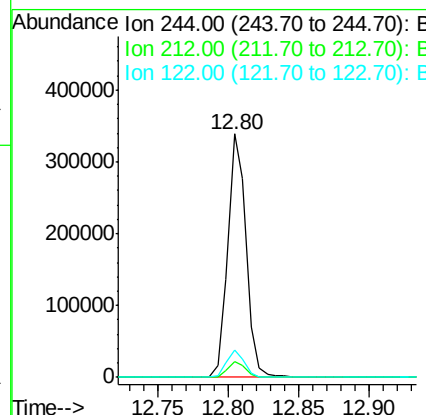
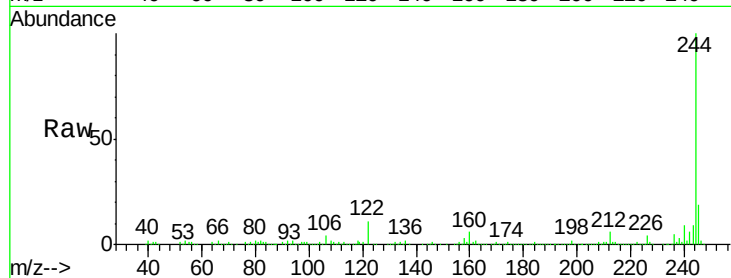
#79
 Terphenyl-d14
 Concen: 15.261 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. -0.02 min
 Lab File: BF113246.D
 Acq: 22 Mar 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-23(4-5)

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	306953		
212	6.4		5.6	8.4
122	11.2		10.5	15.7

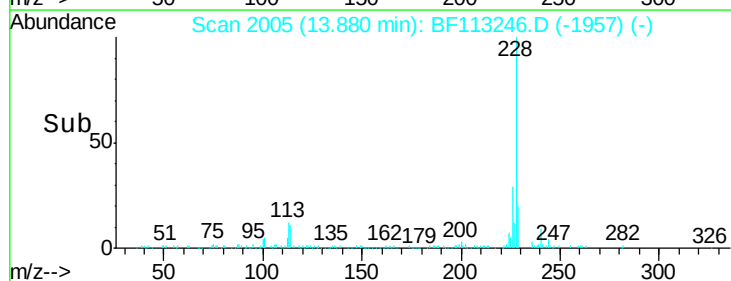
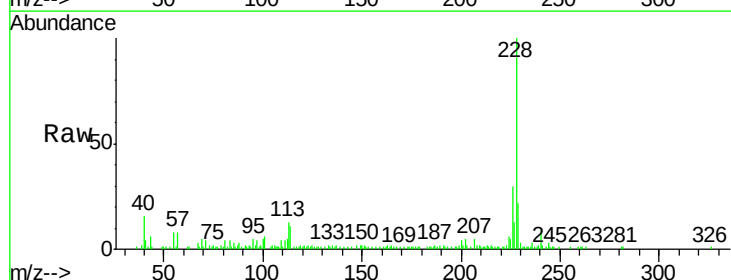
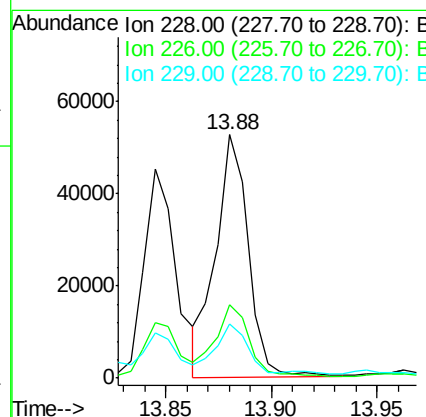
Manual Integrations
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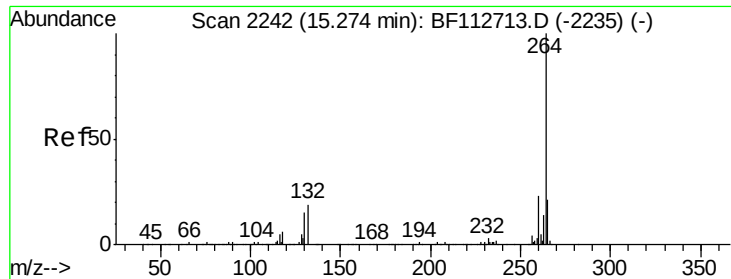
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#83
 Chrysene
 Concen: 2.143 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF113246.D
 Acq: 22 Mar 2019 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	56734		
226	30.3		24.9	37.3
229	22.4		16.3	24.5





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF113246.D

Acq: 22 Mar 2019 20:42

Instrument :

BNA_F

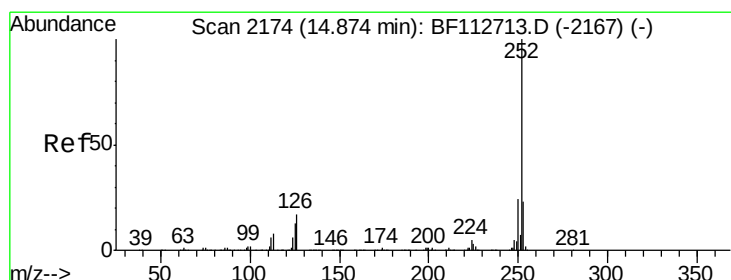
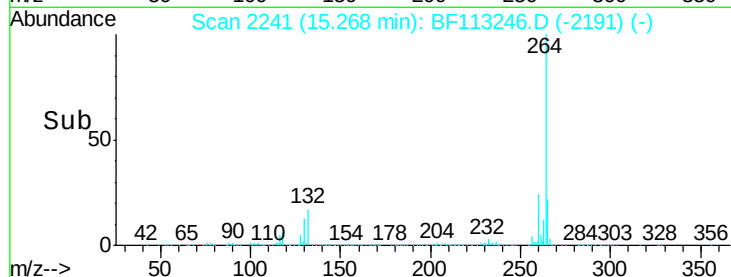
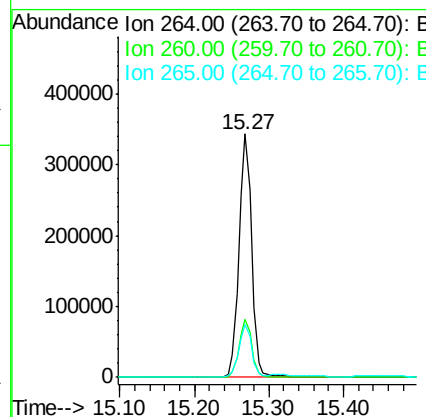
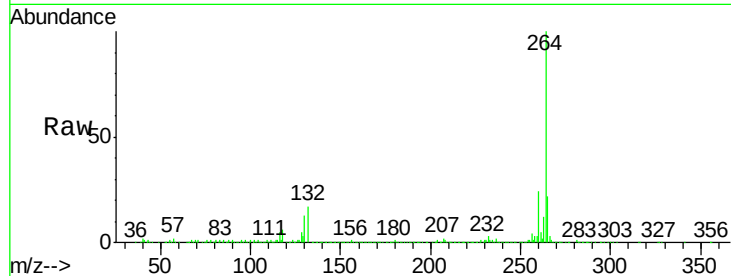
ClientSampleId :

SB-23(4-5)

Tgt Ion:	264	Resp:	414009
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.7	28.1
265	21.7	17.2	25.8

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#88

Benzo(b)fluoranthene

Concen: 2.250 ng m

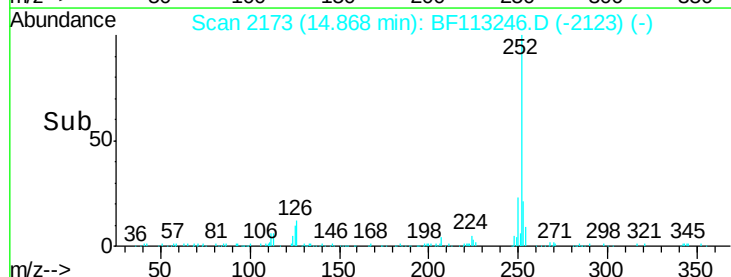
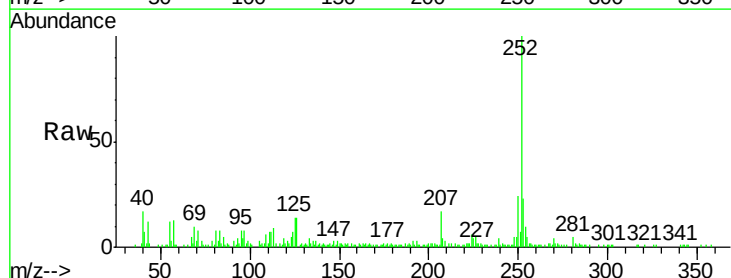
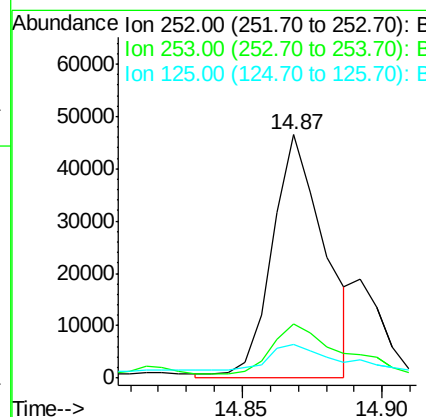
RT: 14.87 min Scan# 2173

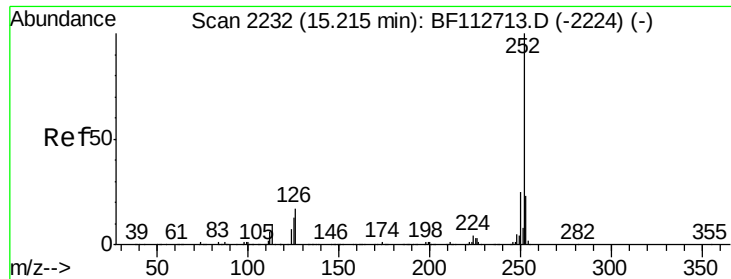
Delta R.T. -0.01 min

Lab File: BF113246.D

Acq: 22 Mar 2019 20:42

Tgt Ion:	252	Resp:	60264
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.0	27.0
125	13.8	10.2	15.2





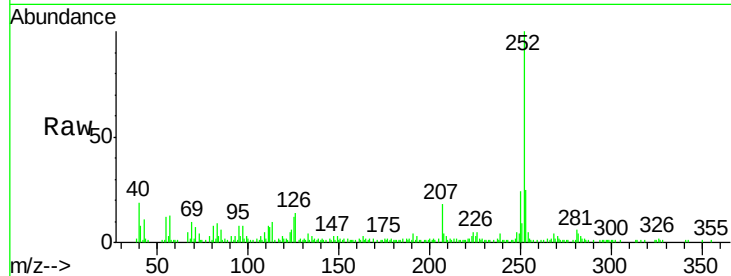
#90
Benzo(a)pyrene
Concen: 2.214 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF113246.D
Acq: 22 Mar 2019 20:42

Instrument :
BNA_F
ClientSampleId :
SB-23(4-5)

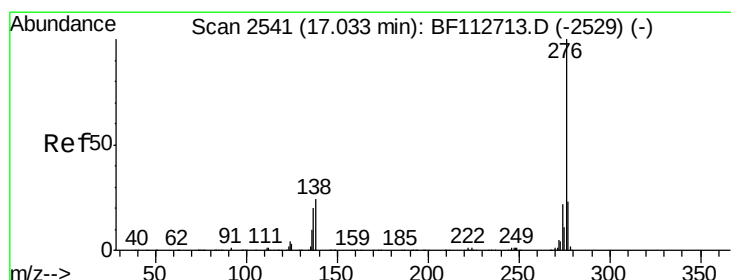
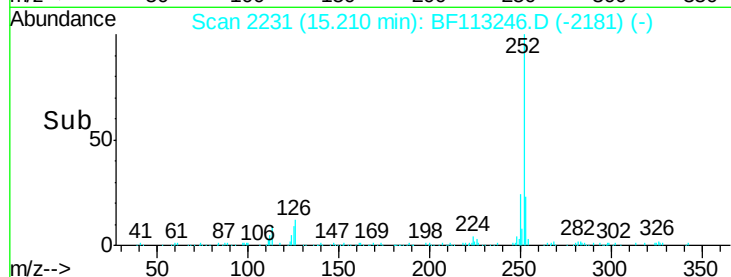
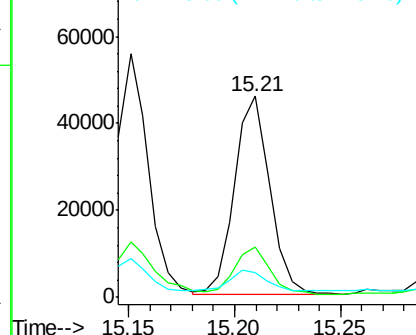
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.0	27.0
125	12.4	10.7	16.1

Manual Integrations
APPROVED

Sohil
3/25/2019 6:32:24 PM

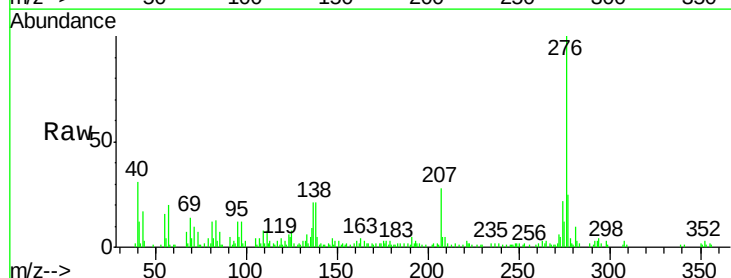


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 2.605 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.01 min
Lab File: BF113246.D
Acq: 22 Mar 2019 20:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.6	27.8
138	25.8	19.4	29.0



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

