

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
 Data File : BF113218.D
 Acq On : 21 Mar 2019 19:48
 Operator : JU/SJ
 Sample : K2004-12 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 3/22/2019 3:36:02 PM

Quant Time: Mar 22 01:52:41 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	166683	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	677023	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	260952	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	517564	20.00	ng	-0.01
76) Chrysene-d12	13.87	240	357513	20.00	ng	0.00
87) Perylene-d12	15.27	264	305028	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	277664	25.91	ng	-0.01
7) Phenol-d6	6.36	99	378181	28.10	ng	-0.01
23) Nitrobenzene-d5	7.28	82	218885	19.35	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	99349	35.86	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	351868	17.48	ng	-0.01
79) Terphenyl-d14	12.82	244	293723	15.93	ng	0.00
Target Compounds						
83) Chrysene	13.89	228	51506	2.122	ng	Qvalue 98
88) Benzo(b)fluoranthene	14.87	252	41857m	2.121	ng	
90) Benzo(a)pyrene	15.22	252	35697	2.045	ng	# 96
92) Benzo(g,h,i)perylene	17.05	276	36239	2.423	ng	91

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

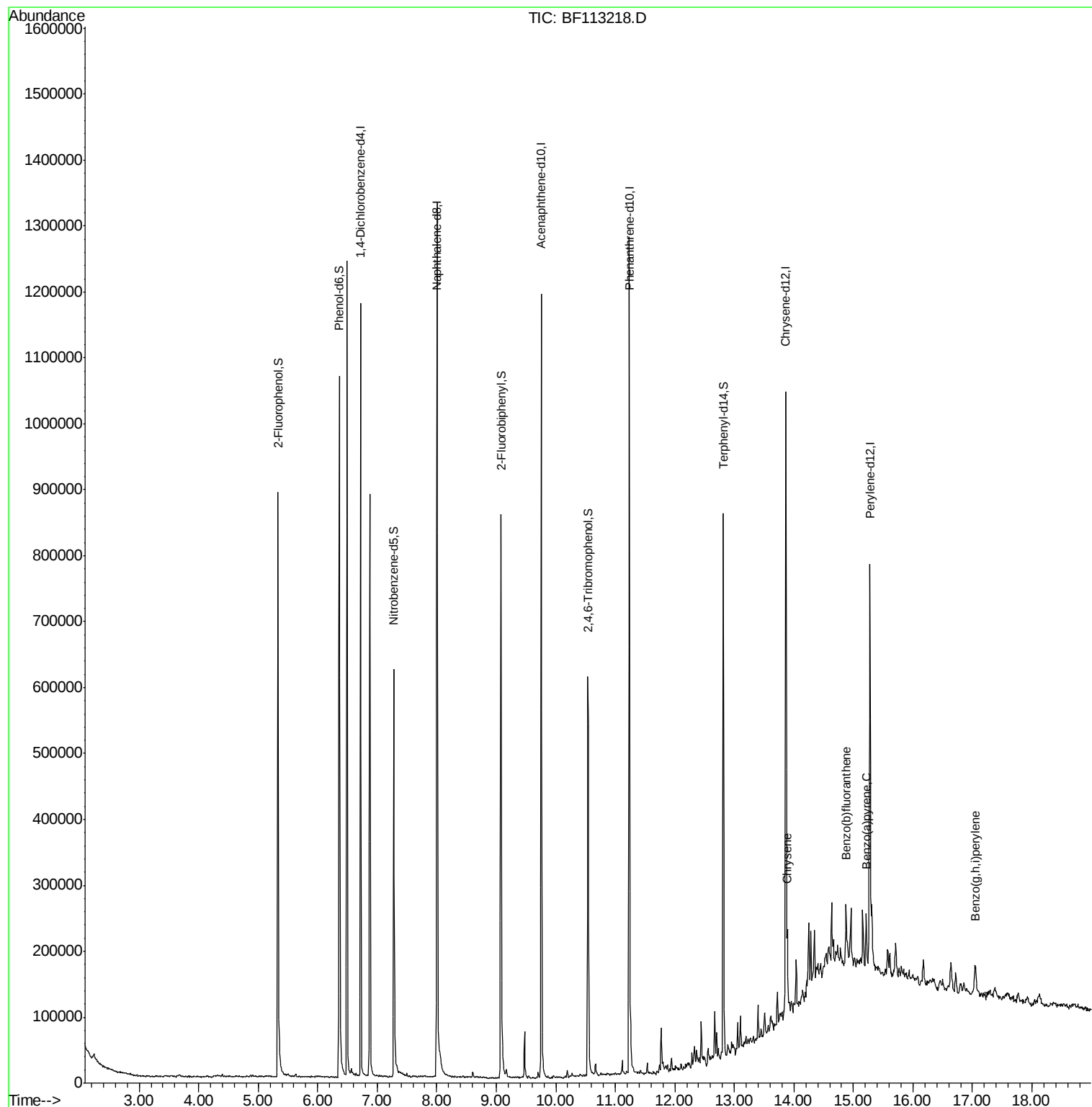
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113218.D
Acq On : 21 Mar 2019 19:48
Operator : JU/SJ
Sample : K2004-12 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

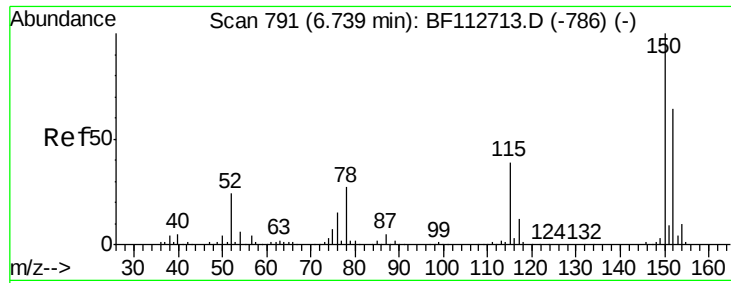
Instrument :
BNA_F
ClientSampleId :
SB-23(4-5)

Manual Integrations
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#1

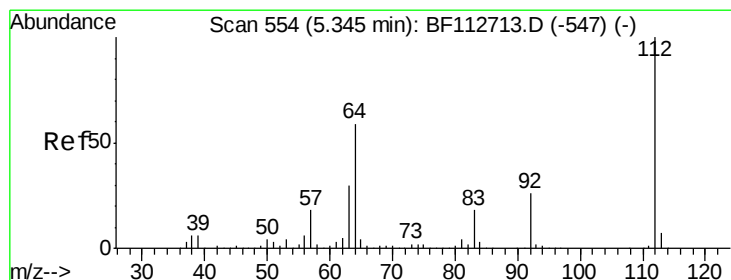
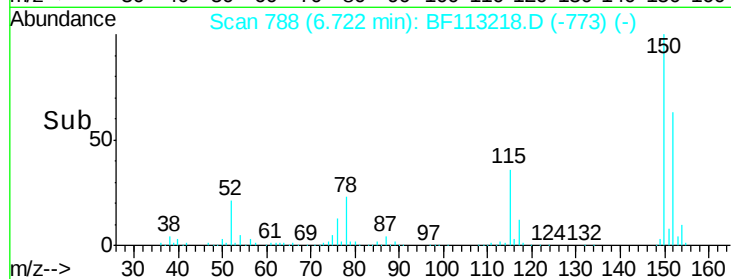
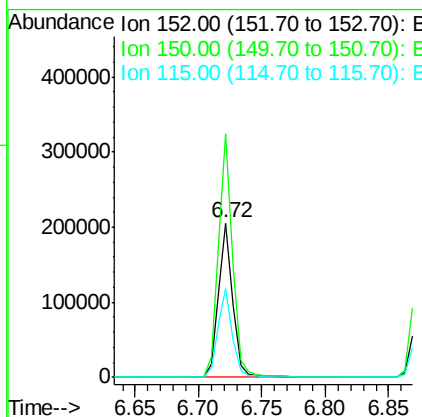
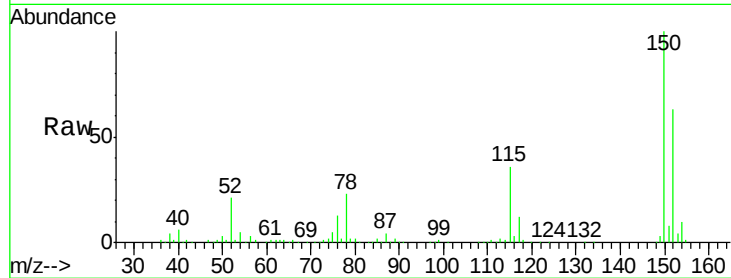
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113218.D
Acq: 21 Mar 2019 19:48

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.2	186.2
115	57.1	48.2	72.4

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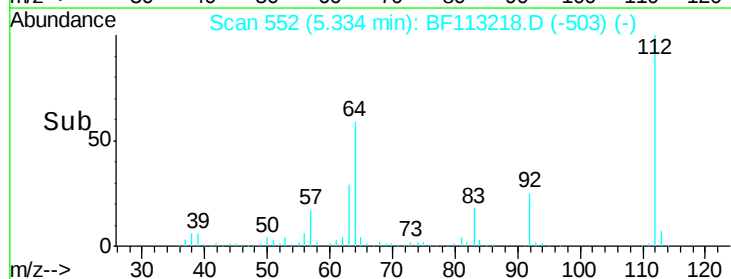
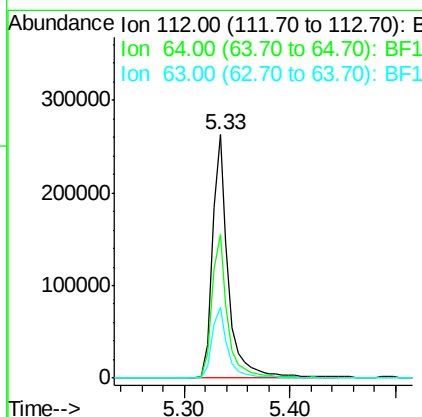
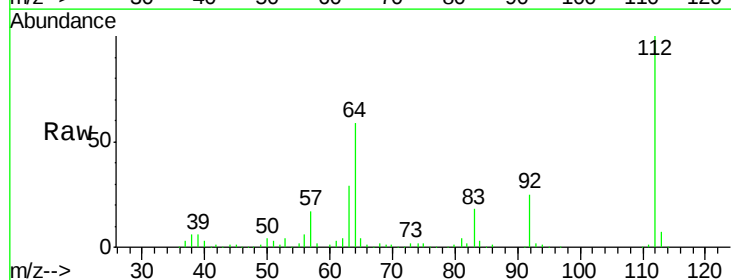
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#5

2-Fluorophenol
Concen: 25.913 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113218.D
Acq: 21 Mar 2019 19:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.6	71.4
63	29.3	24.4	36.6





#7

Phenol-d6

Concen: 28.096 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113218.D

Acq: 21 Mar 2019 19:48

Instrument :

BNA_F

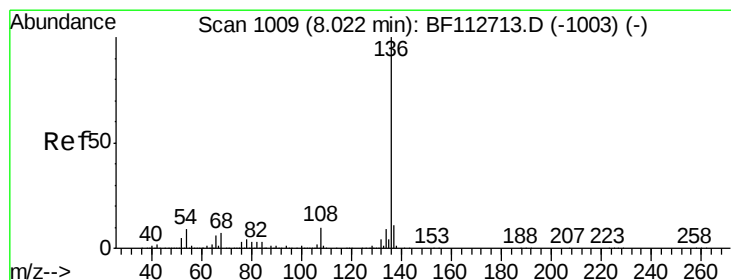
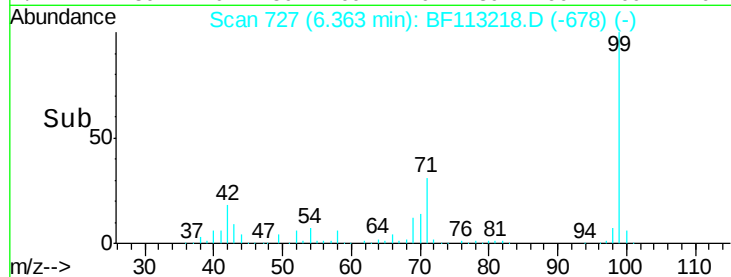
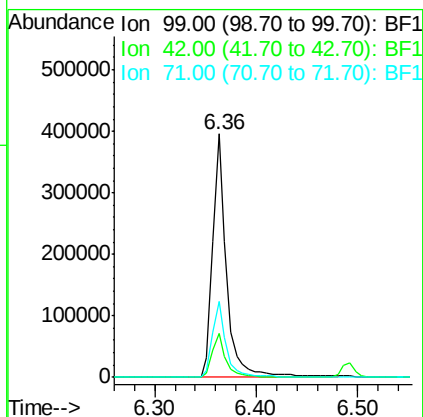
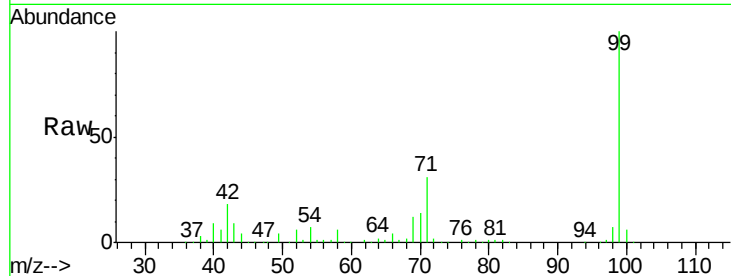
ClientSampled :

SB-23(4-5)

Tgt Ion:	99	Resp:	378181
Ion Ratio	Lower	Upper	
99	100		
42	17.9	16.3	24.5
71	31.3	26.2	39.4

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#21

Naphthalene-d8

Concen: 20.000 ng

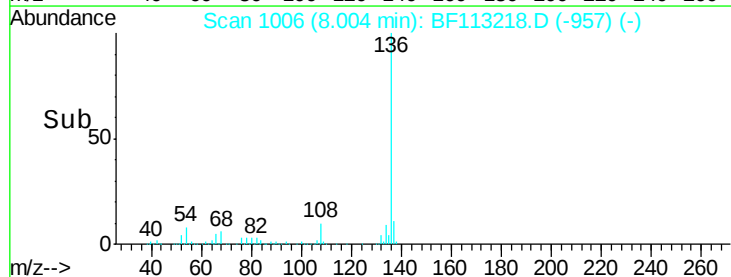
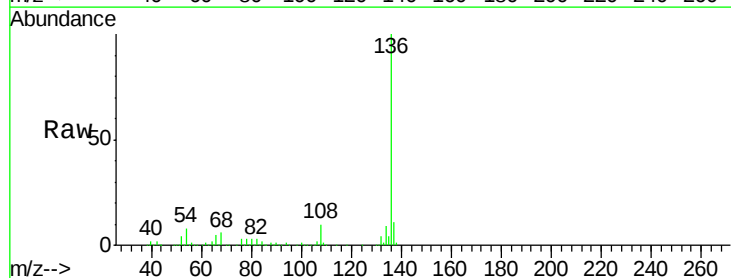
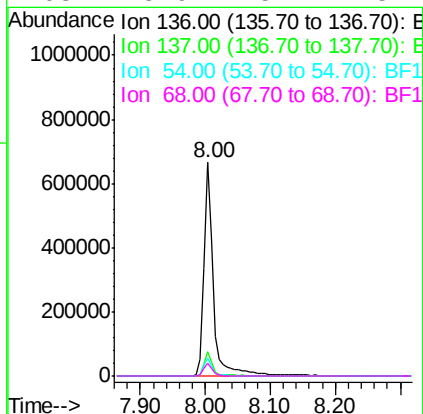
RT: 8.00 min Scan# 1006

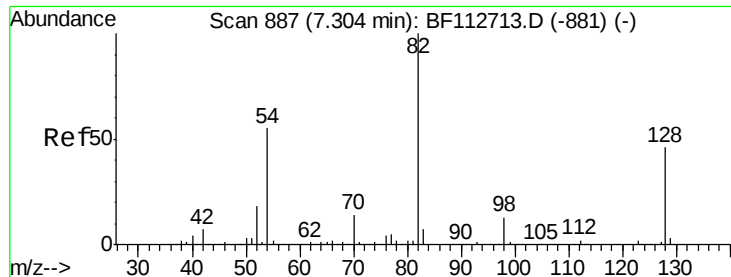
Delta R.T. -0.01 min

Lab File: BF113218.D

Acq: 21 Mar 2019 19:48

Tgt Ion:	136	Resp:	677023
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	8.4	7.3	10.9
68	5.9	5.4	8.2





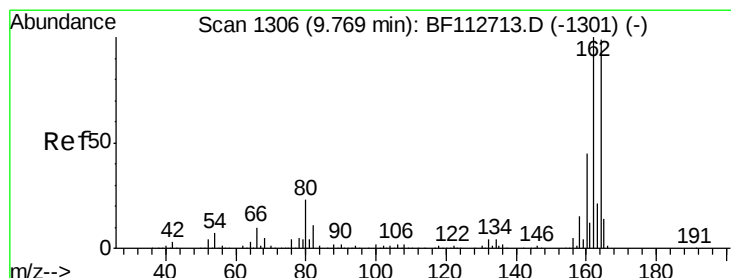
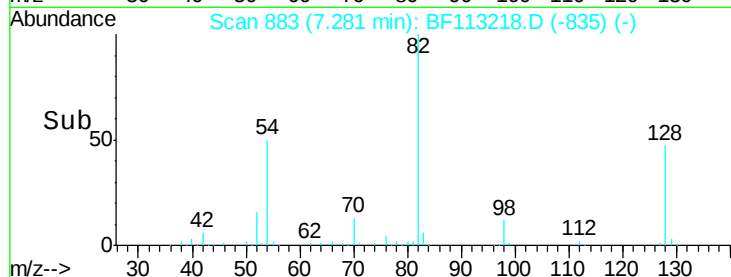
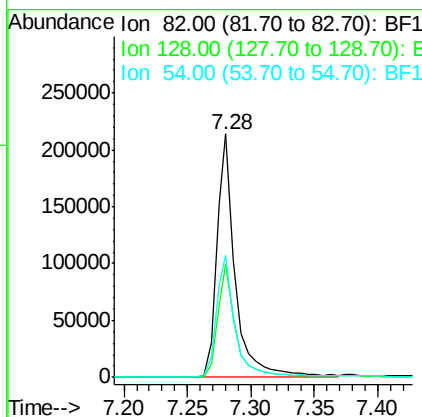
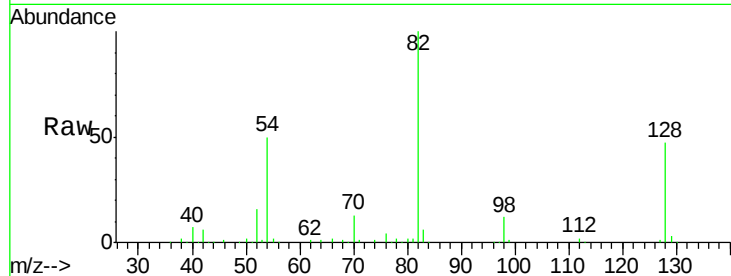
#23
Nitrobenzene-d5
Concen: 19.346 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113218.D
Acq: 21 Mar 2019 19:48

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

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	218885		
128	46.6	36.3	54.5	
54	49.9	43.7	65.5	

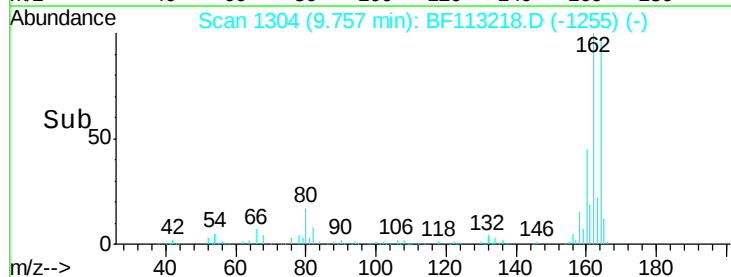
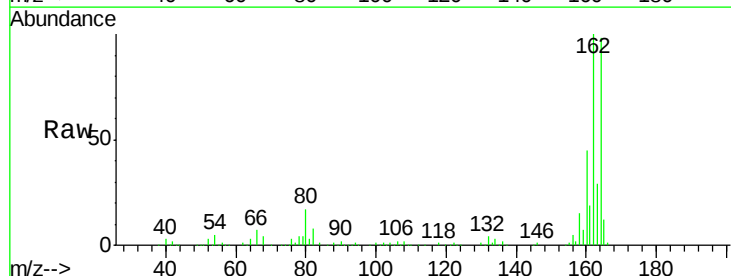
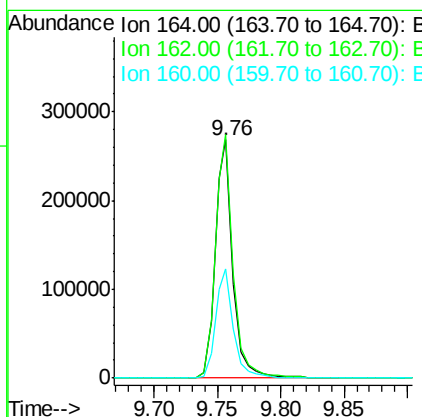
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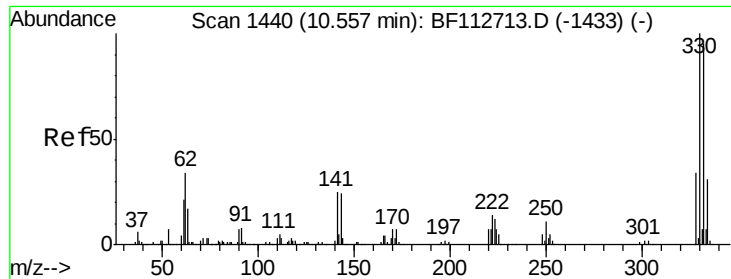
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113218.D
Acq: 21 Mar 2019 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	260952		
162	102.2	80.6	120.8	
160	46.1	36.0	54.0	





#42

2,4,6-Tribromophenol

Concen: 35.862 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF113218.D

Acq: 21 Mar 2019 19:48

Instrument :

BNA_F

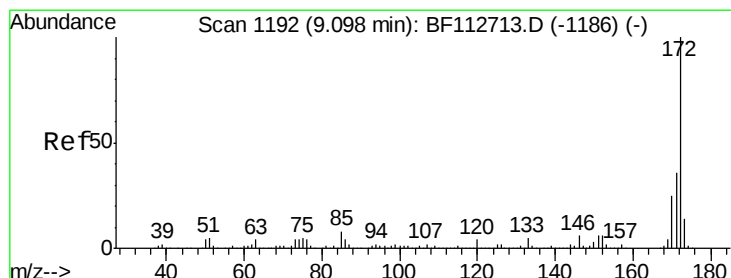
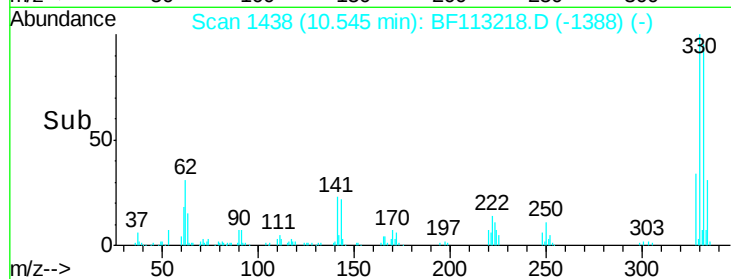
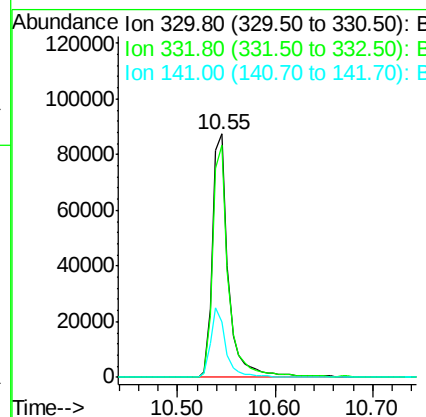
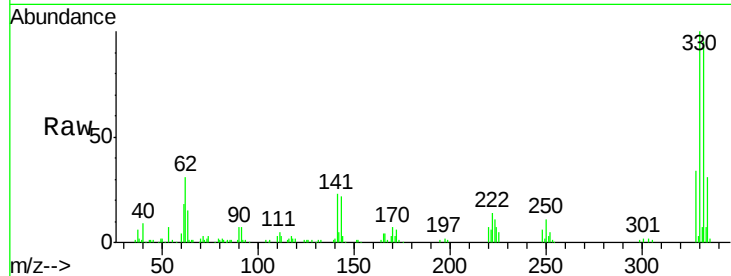
ClientSampled :

SB-23(4-5)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	99349		
332	95.3	76.2	114.4	
141	27.1	27.0	40.6	

Manual Integrations
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#45

2-Fluorobiphenyl

Concen: 17.478 ng

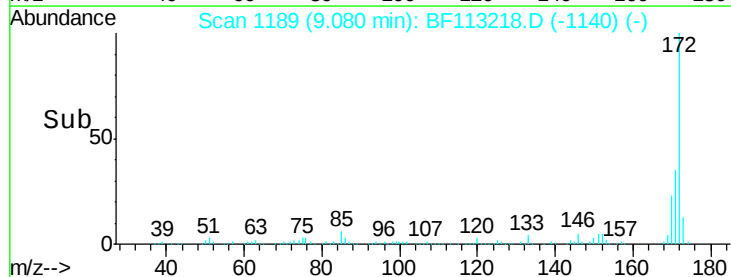
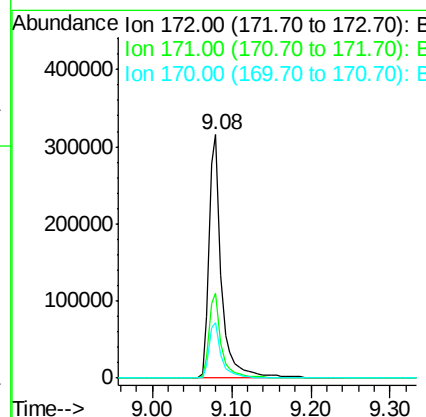
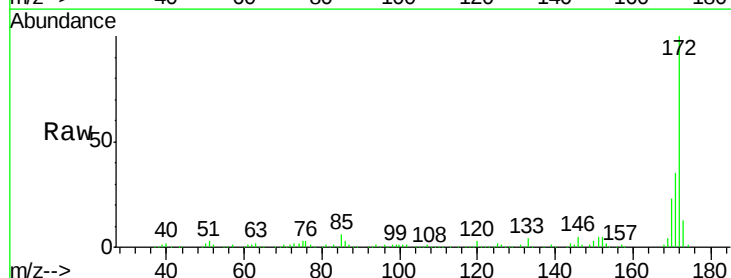
RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF113218.D

Acq: 21 Mar 2019 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	351868		
171	35.1	29.0	43.4	
170	22.9	20.0	30.0	





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF113218.D

Acq: 21 Mar 2019 19:48

Instrument :

BNA_F

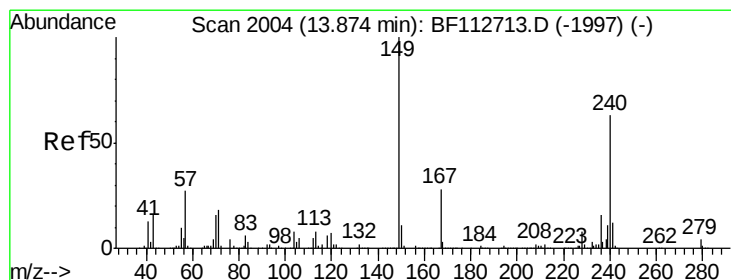
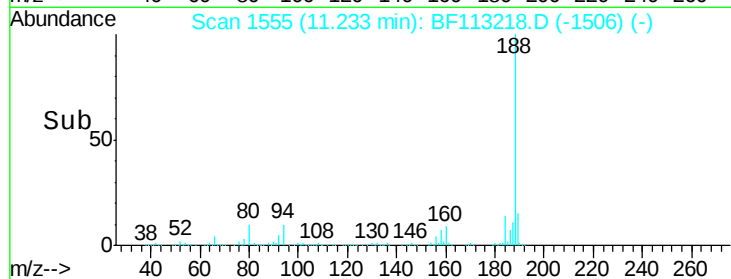
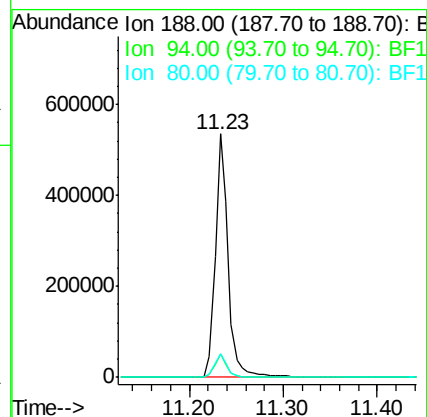
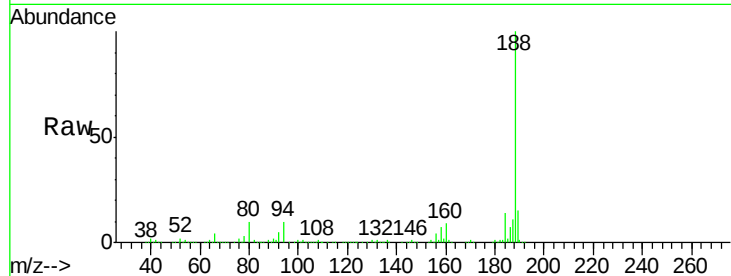
ClientSampleId :

SB-23(4-5)

Tgt Ion:	188	Resp:	517564
Ion Ratio	Lower	Upper	
188	100		
94	9.5	9.0	13.4
80	9.9	9.2	13.8

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#76

Chrysene-d12

Concen: 20.000 ng

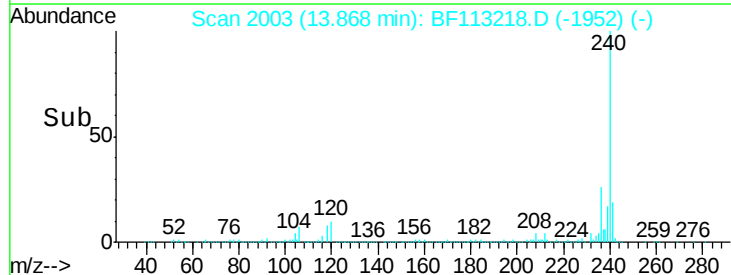
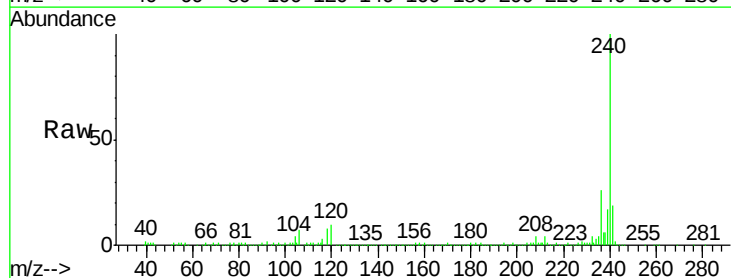
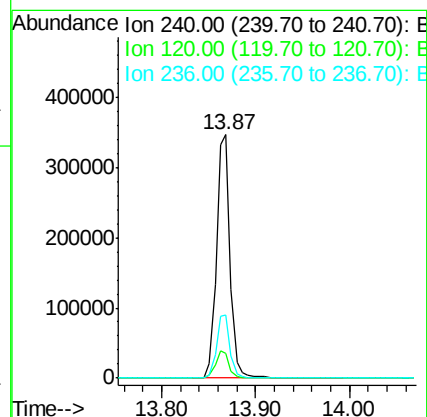
RT: 13.87 min Scan# 2003

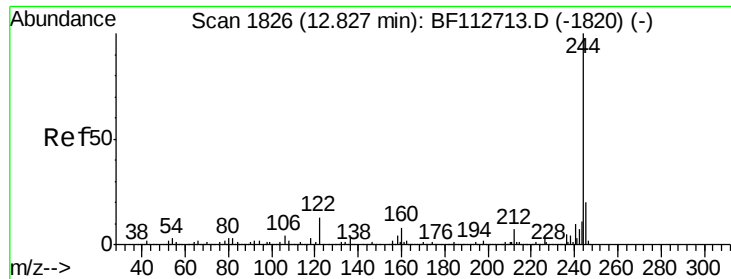
Delta R.T. -0.00 min

Lab File: BF113218.D

Acq: 21 Mar 2019 19:48

Tgt Ion:	240	Resp:	357513
Ion Ratio	Lower	Upper	
240	100		
120	9.9	8.9	13.3
236	26.2	20.7	31.1





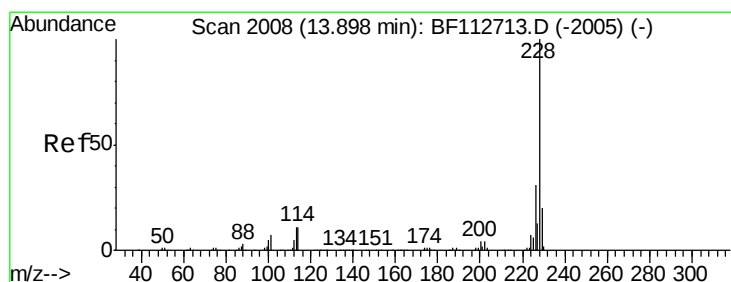
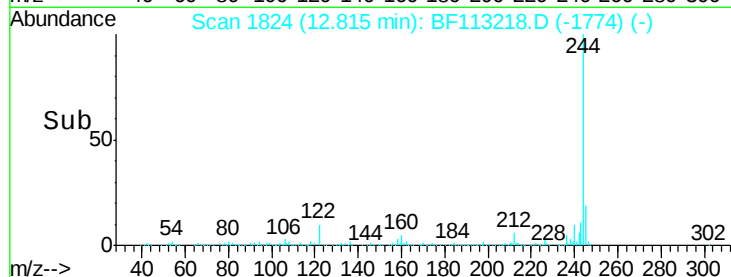
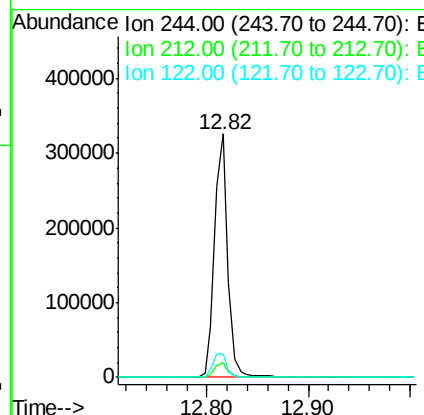
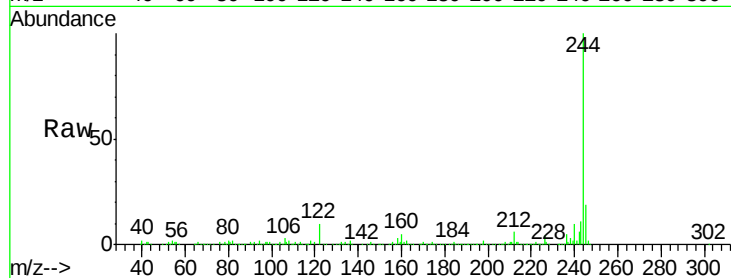
#79
 Terphenyl-d14
 Concen: 15.926 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF113218.D
 Acq: 21 Mar 2019 19:48

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

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	293723		
212	6.1	5.6	8.4	
122	9.6	10.5	15.7	

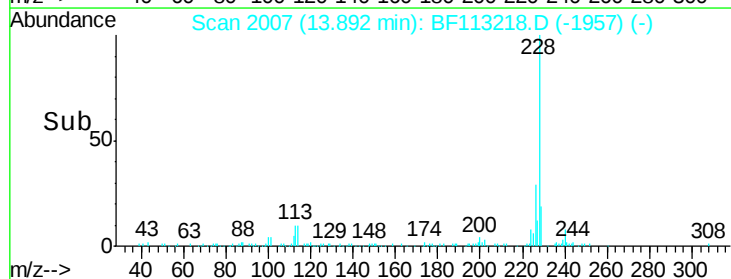
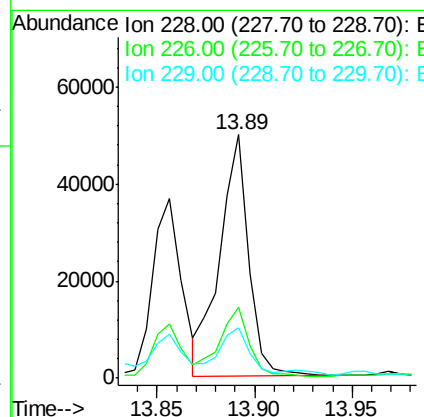
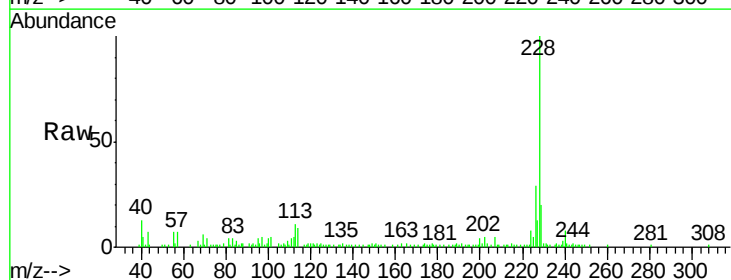
Manual Integrations
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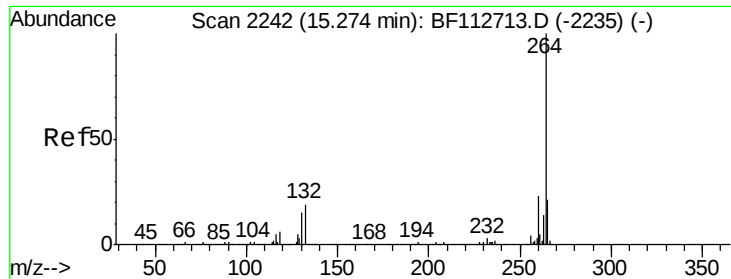
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#83
 Chrysene
 Concen: 2.122 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF113218.D
 Acq: 21 Mar 2019 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	51506		
226	29.0	24.9	37.3	
229	20.5	16.3	24.5	





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BF113218.D

Acq: 21 Mar 2019 19:48

Instrument :

BNA_F

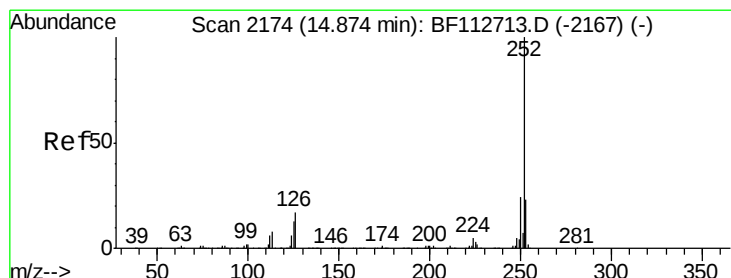
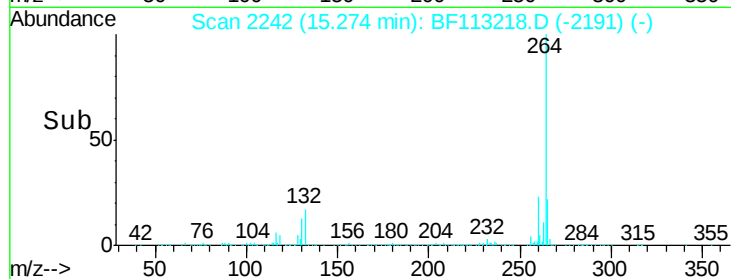
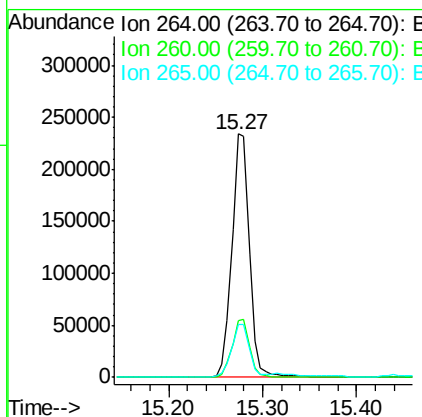
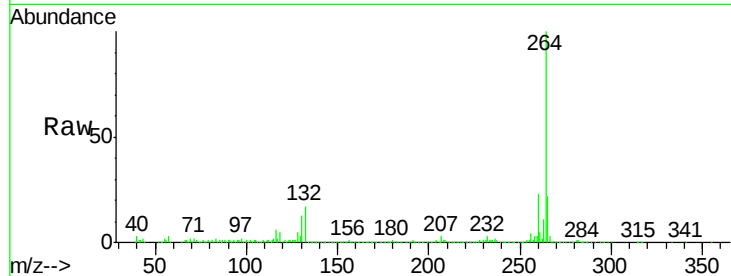
ClientSampleId :

SB-23(4-5)

Tgt Ion:	264	Resp:	305028
Ion Ratio		Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.8	17.2	25.8

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 2.121 ng m

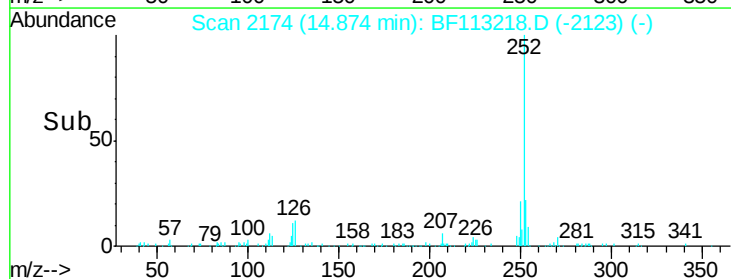
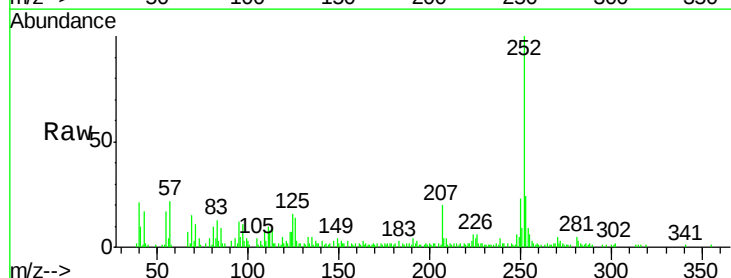
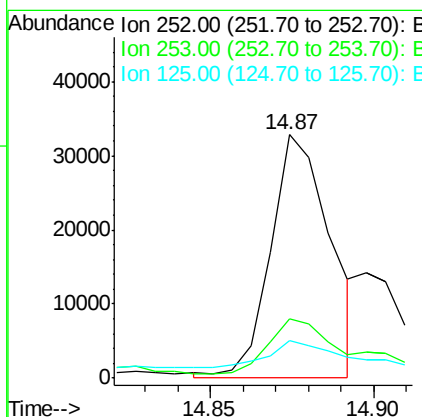
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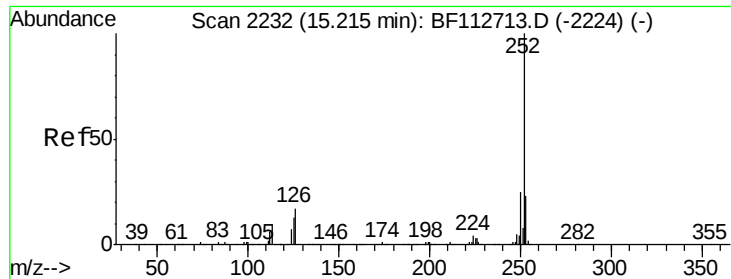
Delta R.T. -0.00 min

Lab File: BF113218.D

Acq: 21 Mar 2019 19:48

Tgt Ion:	252	Resp:	41857
Ion Ratio		Lower	Upper
252	100		
253	24.3	18.0	27.0
125	15.6	10.2	15.2#





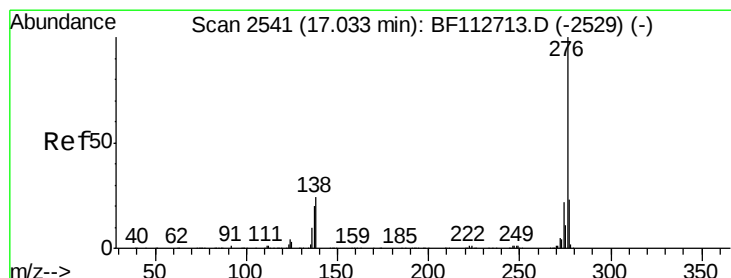
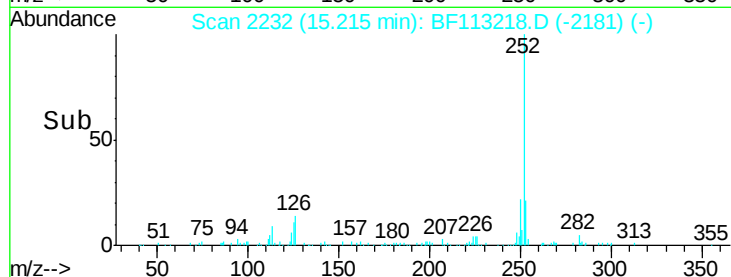
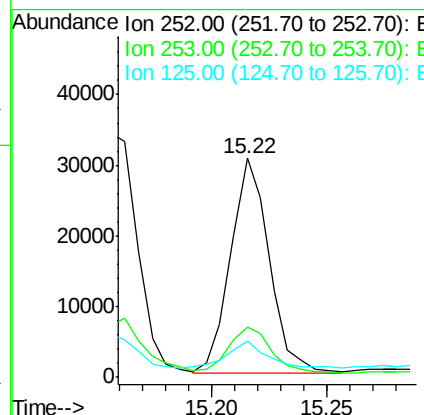
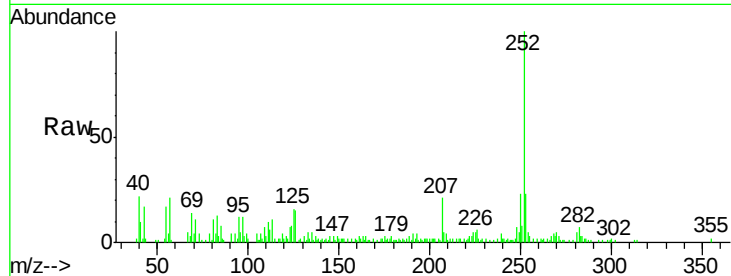
#90
Benzo(a)pyrene
Concen: 2.045 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF113218.D
Acq: 21 Mar 2019 19:48

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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	16.3	10.7	16.1

Manual Integrations
APPROVED

Sohil
3/22/2019 3:36:02 PM



#92
Benzo(g,h,i)perylene
Concen: 2.423 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.01 min
Lab File: BF113218.D
Acq: 21 Mar 2019 19:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.6	18.6	27.8
138	19.7	19.4	29.0

