

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
 Data File : BF113173.D
 Acq On : 20 Mar 2019 16:10
 Operator : JU/SJ
 Sample : K1971-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 SB-8(14-15)-031519

Manual Integrations
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 3/21/2019 6:36:19 PM

Quant Time: Mar 21 14:42:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 12:13:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	107083	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	406984	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	221892	20.00	ng	0.00
64) Phenanthrene-d10	11.23	188	470128	20.00	ng	0.00
76) Chrysene-d12	13.87	240	258547	20.00	ng	0.00
87) Perylene-d12	15.30	264	241244	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	600860	87.28	ng	0.00
7) Phenol-d6	6.37	99	802058	92.75	ng	0.00
23) Nitrobenzene-d5	7.28	82	483138	71.03	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	287418	122.01	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	907030	63.32	ng	0.00
79) Terphenyl-d14	12.82	244	897415	67.29	ng	0.00
Target Compounds						
10) Phenol	6.38	94	59475	5.894	ng	# 77
50) Dimethylphthalate	9.47	163	89093	5.445	ng	# 97
71) Phenanthrene	11.26	178	107573	4.599	ng	97
75) Fluoranthene	12.45	202	92066	3.674	ng	96
78) Pyrene	12.67	202	119097	5.464	ng	97
81) Benzo(a)anthracene	13.86	228	41030	2.290	ng	# 85
83) Chrysene	13.90	228	57544	3.278	ng	# 81
88) Benzo(b)fluoranthene	14.90	252	59099m	3.787	ng	
90) Benzo(a)pyrene	15.24	252	38988	2.825	ng	# 1
92) Benzo(g,h,i)perylene	17.08	276	30132	2.548	ng	# 64

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

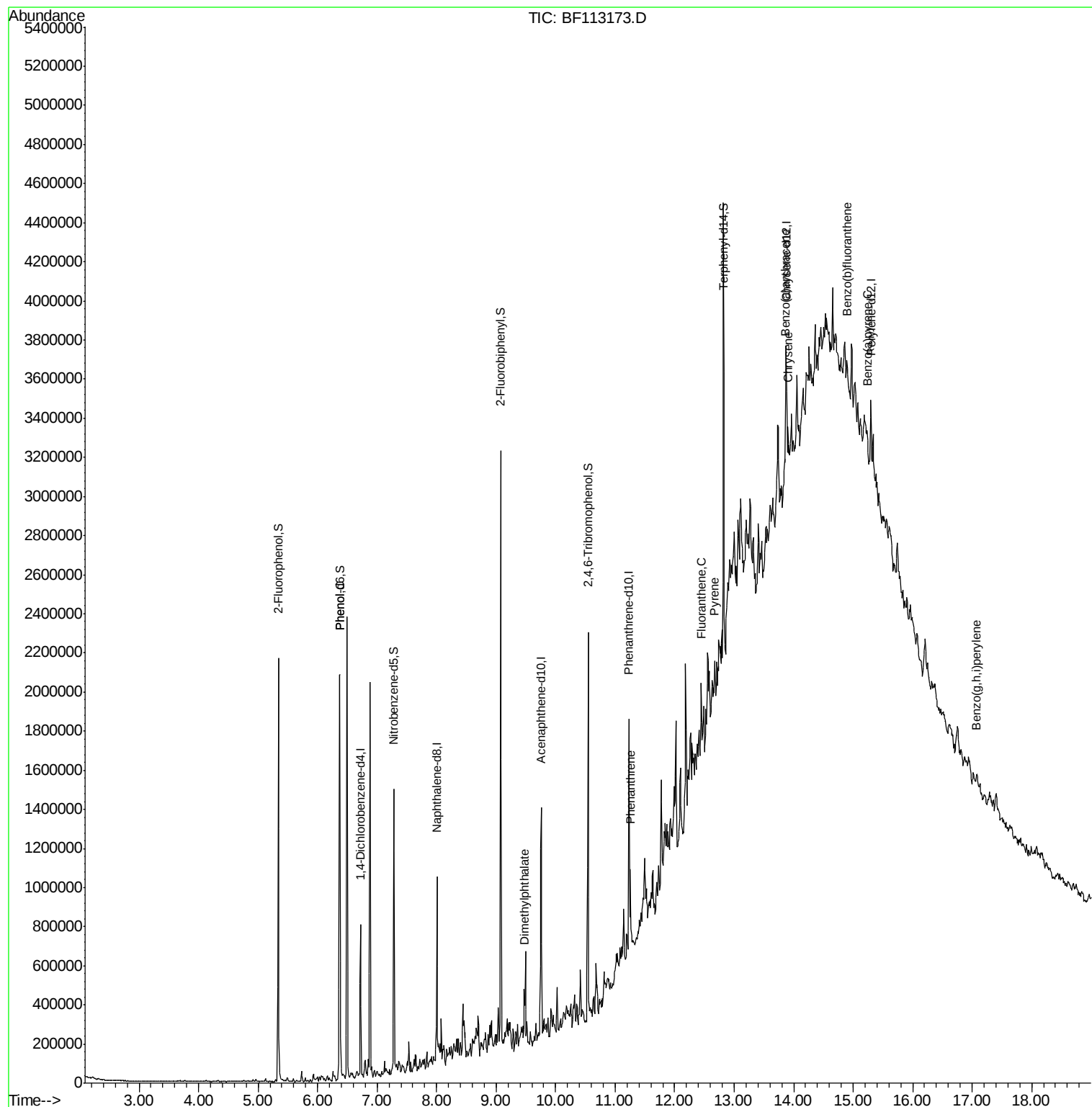
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113173.D
Acq On : 20 Mar 2019 16:10
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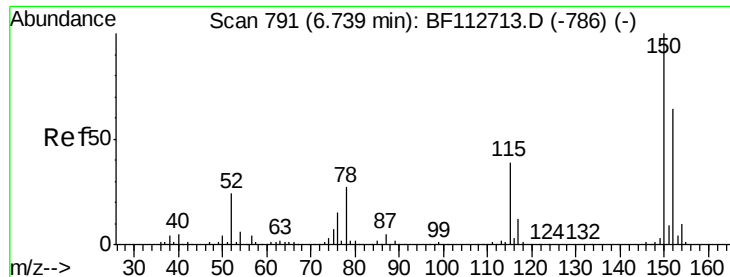
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SB-8(14-15)-031519

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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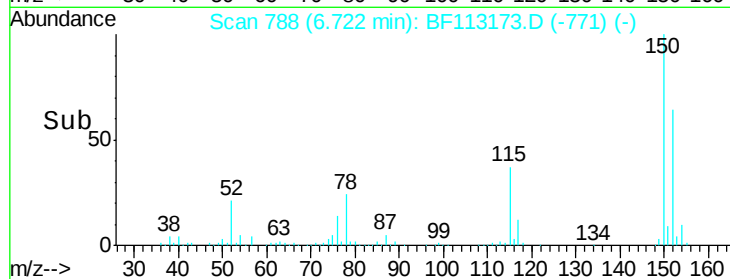
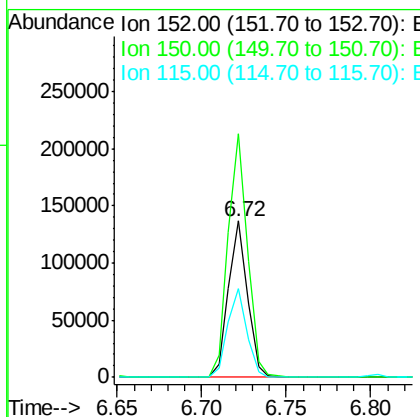
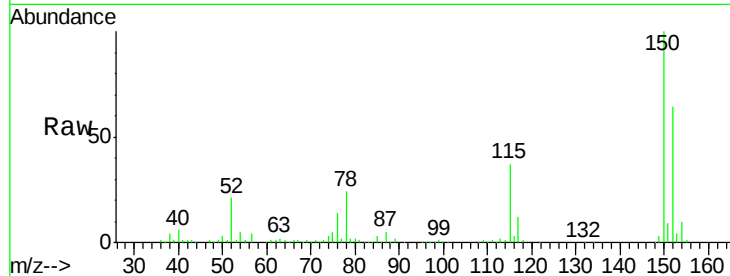
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF113173.D
 Acq: 20 Mar 2019 16:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(14-15)-031519

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.0	123.0	184.6
115	57.2	45.9	68.9

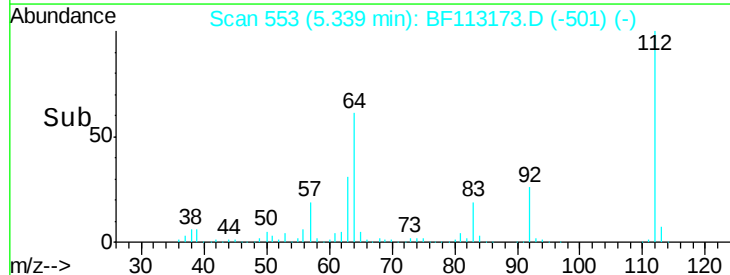
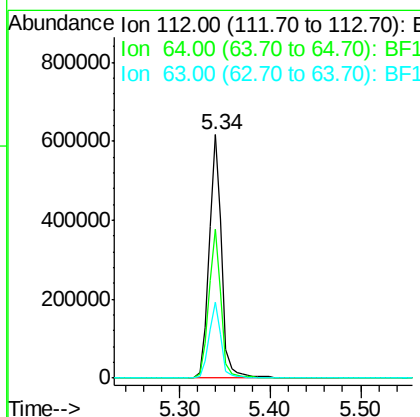
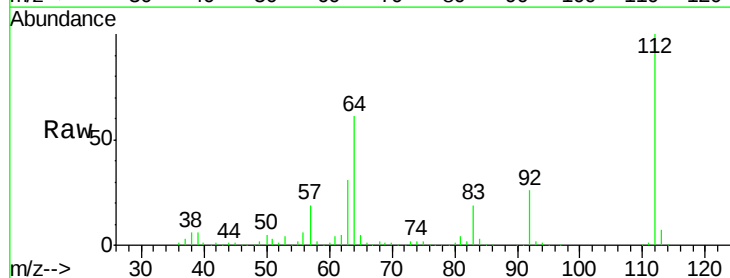
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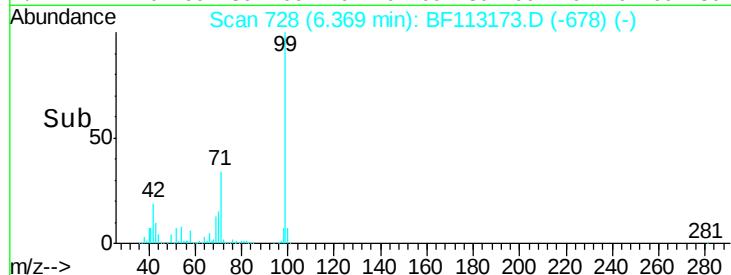
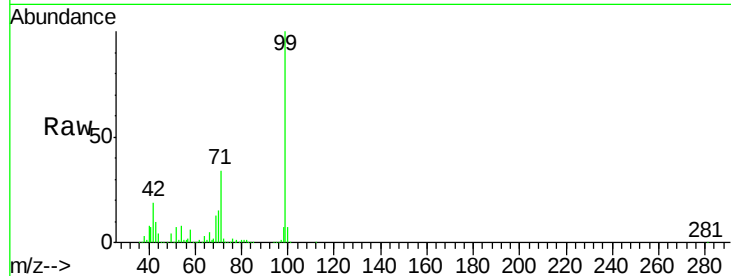
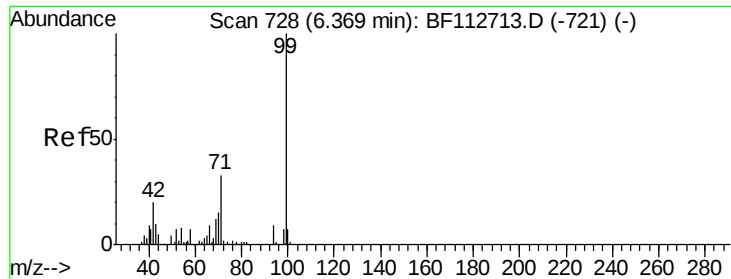
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#5
 2-Fluorophenol
 Concen: 87.284 ng
 RT: 5.34 min Scan# 553
 Delta R.T. 0.01 min
 Lab File: BF113173.D
 Acq: 20 Mar 2019 16:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	49.3	73.9
63	31.3	25.4	38.2





#7

Phenol-d6

Concen: 92.752 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113173.D

Acq: 20 Mar 2019 16:10

Instrument :

BNA_F

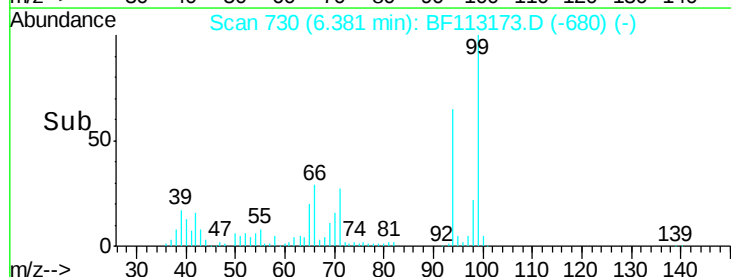
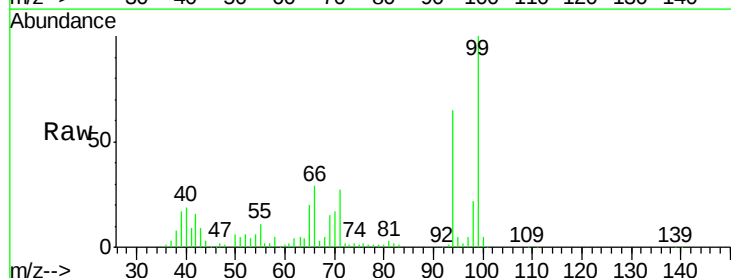
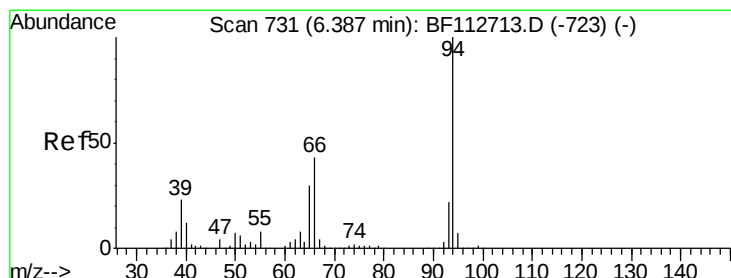
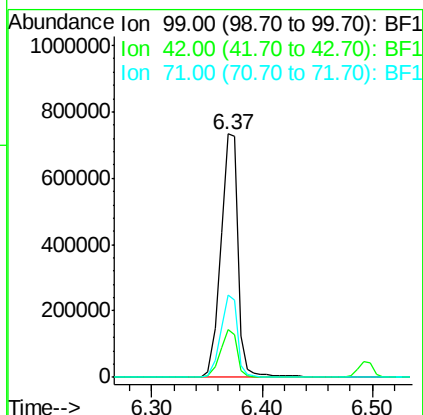
ClientSampleId :

SB-8(14-15)-031519

Tgt Ion:	99	Resp:	802058
Ion Ratio	Lower	Upper	
99	100		
42	19.5	15.2	22.8
71	33.8	25.7	38.5

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#10

Phenol

Concen: 5.894 ng

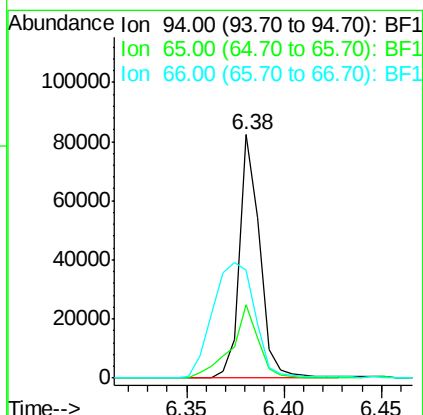
RT: 6.38 min Scan# 730

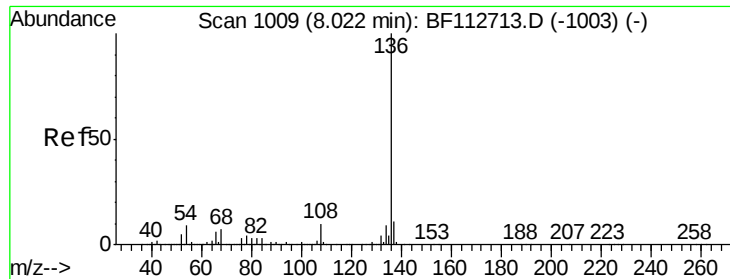
Delta R.T. -0.01 min

Lab File: BF113173.D

Acq: 20 Mar 2019 16:10

Tgt Ion:	94	Resp:	59475
Ion Ratio	Lower	Upper	
94	100		
65	30.1	21.7	61.7
66	44.2	44.4	84.4#





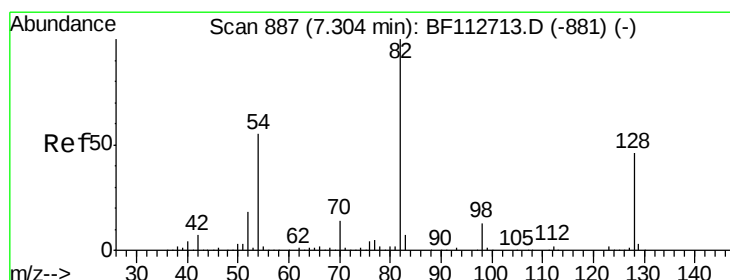
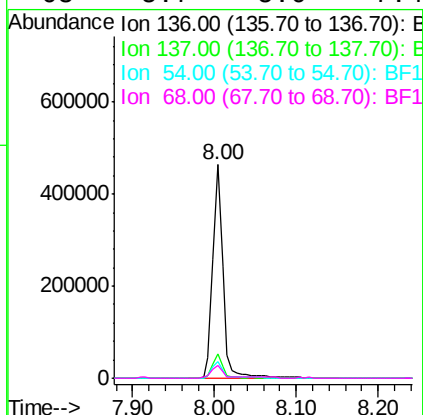
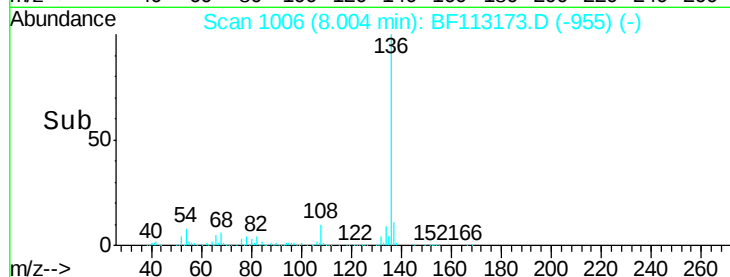
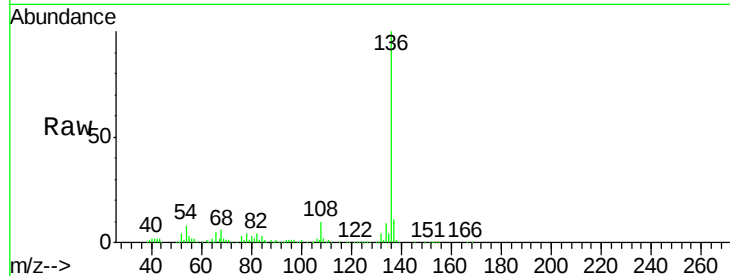
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF113173.D
Acq: 20 Mar 2019 16:10

Instrument :
BNA_F
ClientSampleId :
SB-8(14-15)-031519

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	406984		
137	11.1	8.9	13.3	
54	8.0	7.0	10.6	
68	5.7	5.0	7.4	

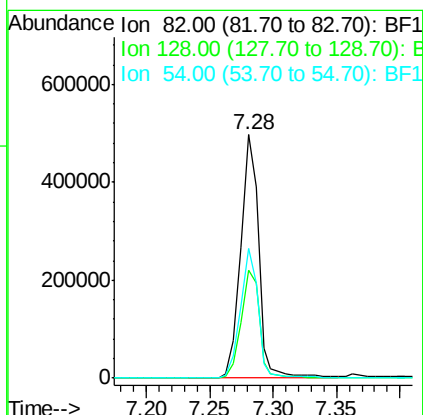
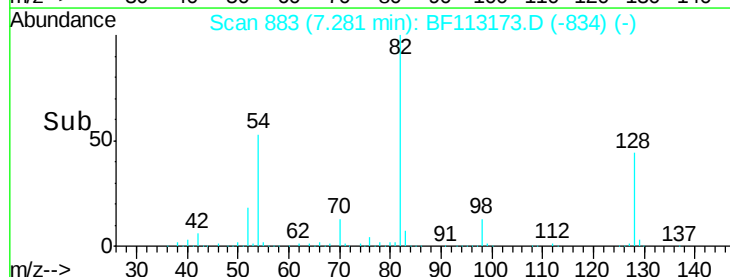
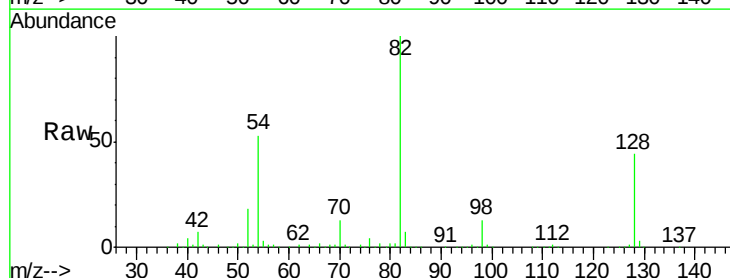
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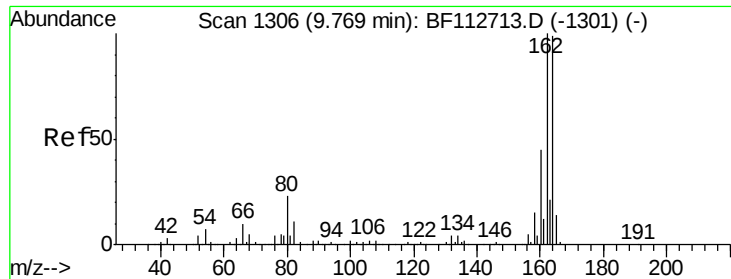
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#23
Nitrobenzene-d5
Concen: 71.035 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF113173.D
Acq: 20 Mar 2019 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	483138		
128	44.4	37.9	56.9	
54	53.3	41.2	61.8	





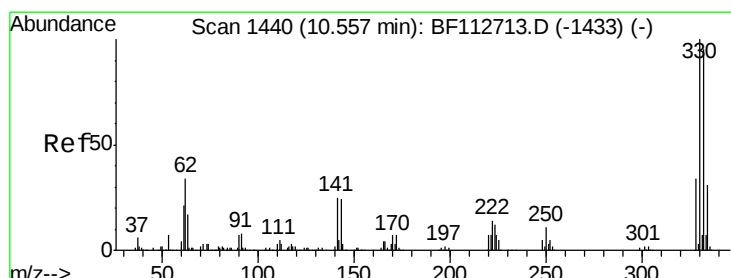
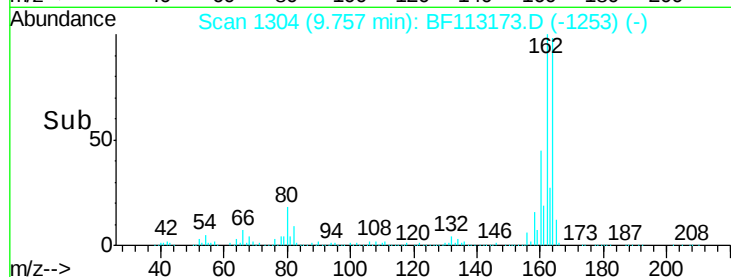
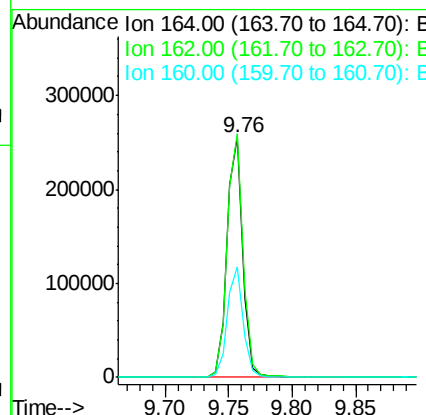
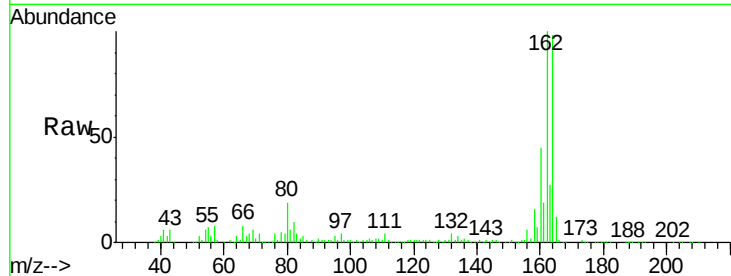
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF113173.D
Acq: 20 Mar 2019 16:10

Instrument :
BNA_F
ClientSampleId :
SB-8(14-15)-031519

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	221892		
162	101.8	80.8	121.2	
160	46.3	36.2	54.2	

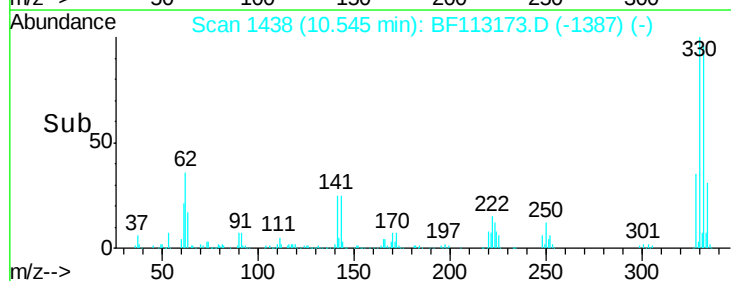
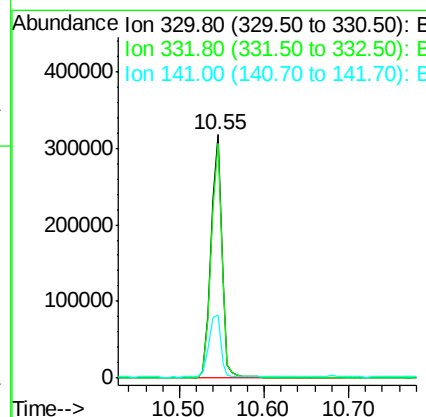
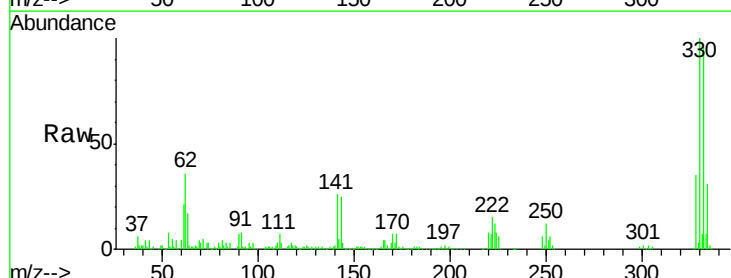
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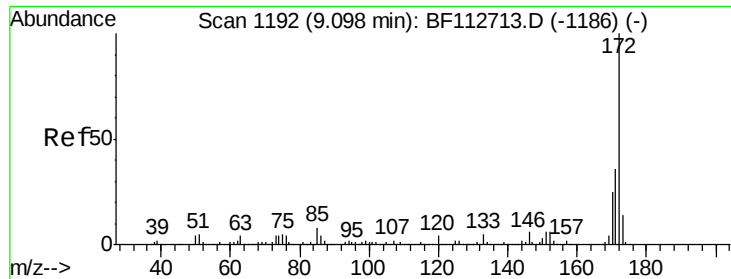
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#42
2,4,6-Tribromophenol
Concen: 122.012 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF113173.D
Acq: 20 Mar 2019 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	287418		
332	96.2	76.3	114.5	
141	28.8	22.3	33.5	





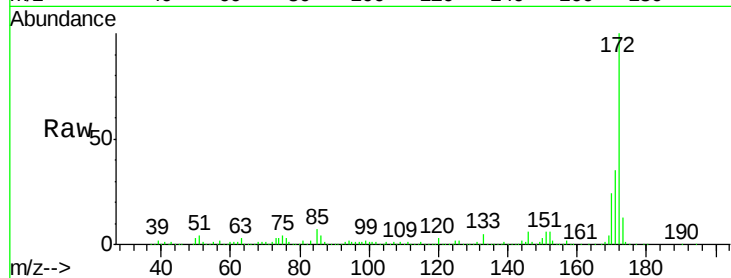
#45
2-Fluorobiphenyl
Concen: 63.322 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF113173.D
Acq: 20 Mar 2019 16:10

Instrument :
BNA_F
ClientSampleId :
SB-8(14-15)-031519

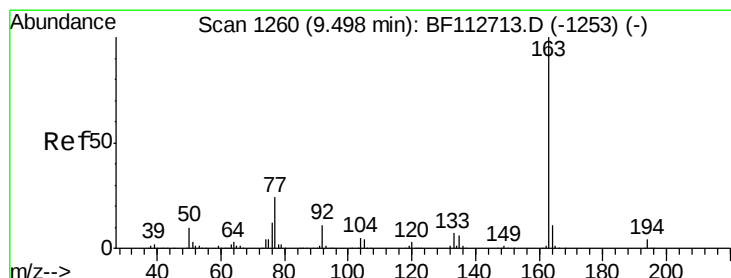
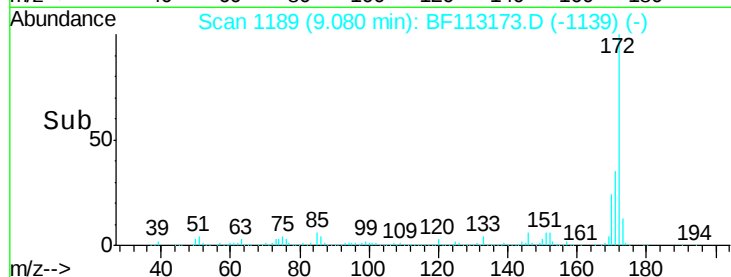
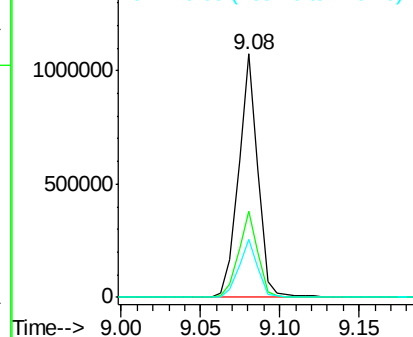
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	907030		
171	35.4	29.0	43.4	
170	23.9	20.1	30.1	

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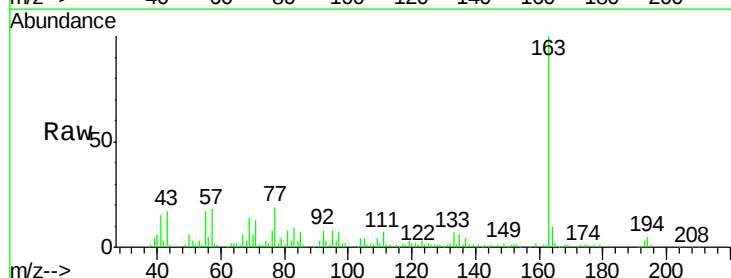


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

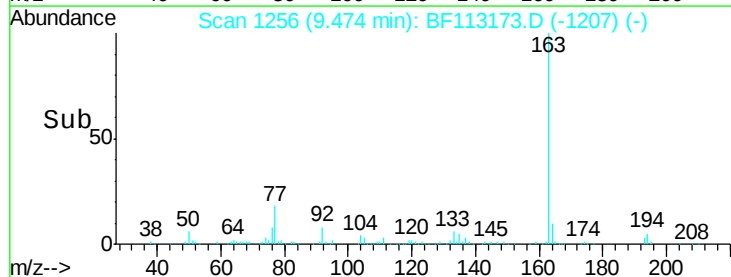
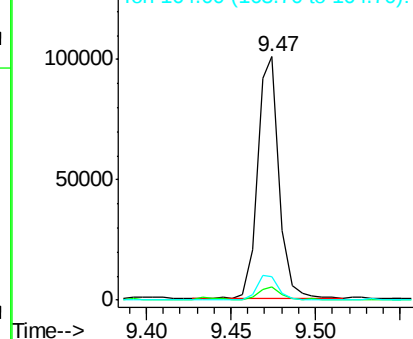


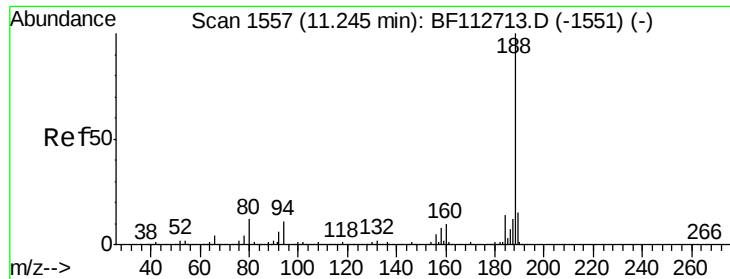
#50
Dimethylphthalate
Concen: 5.445 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF113173.D
Acq: 20 Mar 2019 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	89093		
194	5.2	3.3	4.9#	
164	9.9	8.6	12.8	



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





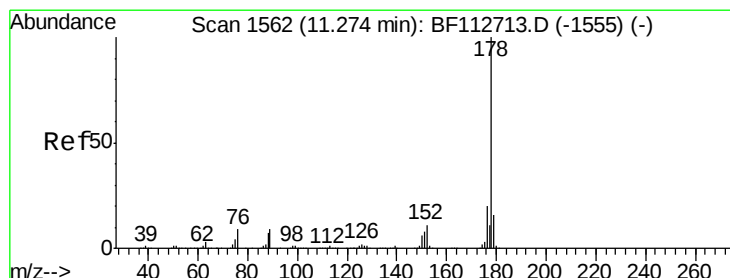
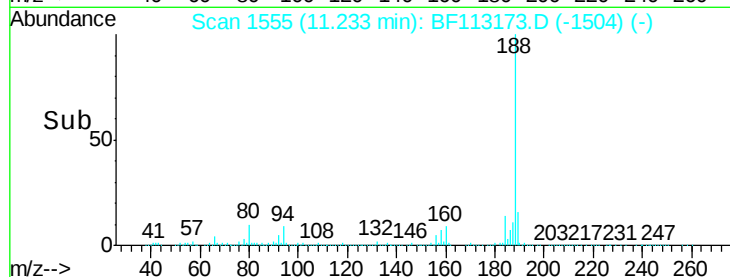
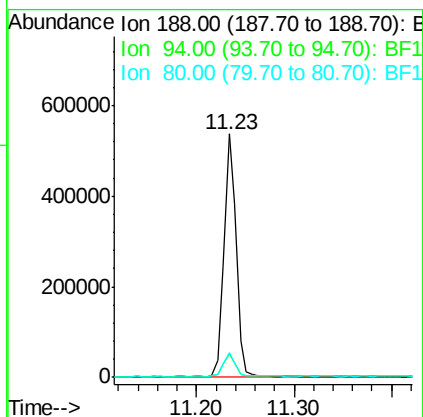
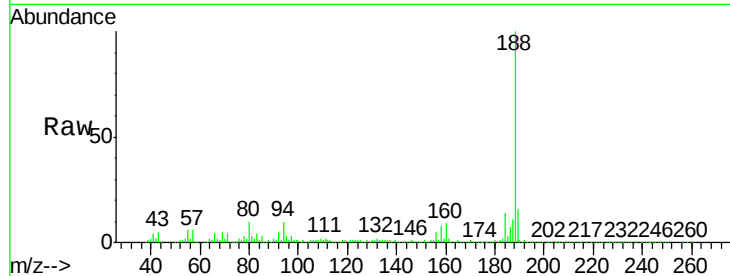
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF113173.D
Acq: 20 Mar 2019 16:10

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
188	100	470128		
94	9.7		7.4	11.2
80	10.3		7.9	11.9

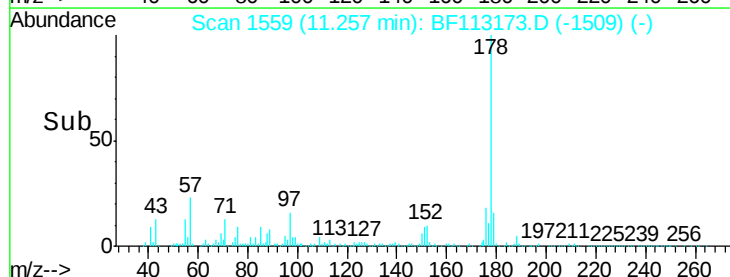
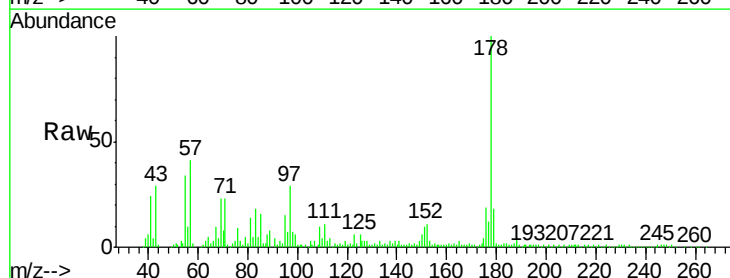
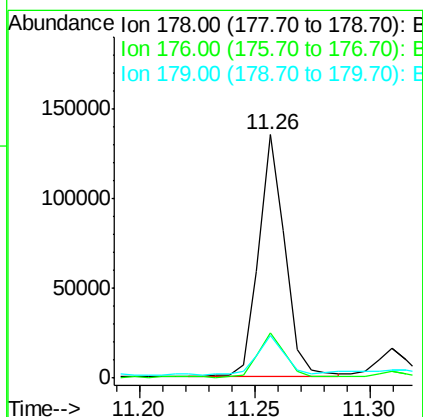
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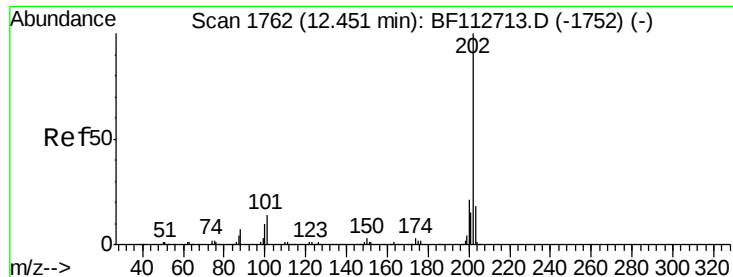
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#71
Phenanthrene
Concen: 4.599 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF113173.D
Acq: 20 Mar 2019 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	107573		
176	18.6		16.2	24.4
179	17.5		13.0	19.4





#75

Fluoranthene

Concen: 3.674 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.01 min

Lab File: BF113173.D

Acq: 20 Mar 2019 16:10

Instrument :

BNA_F

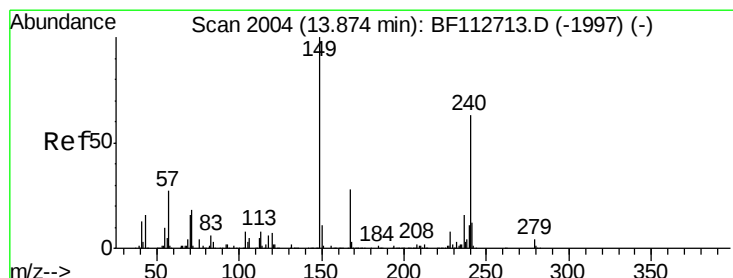
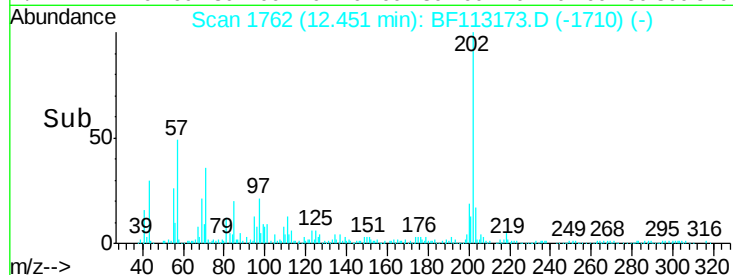
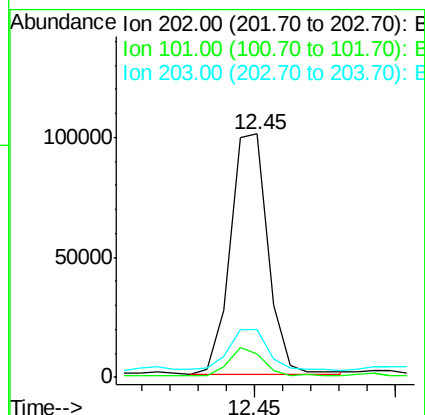
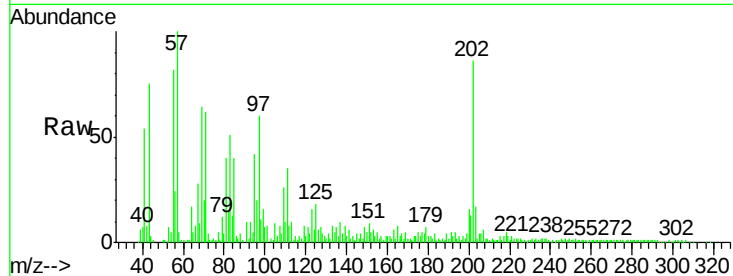
ClientSampleId :

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Tgt	Ion	202	Resp:	92066
Ion	Ratio	Lower	Upper	
202	100			
101	9.4	0.0	31.9	
203	19.5	0.0	38.4	

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

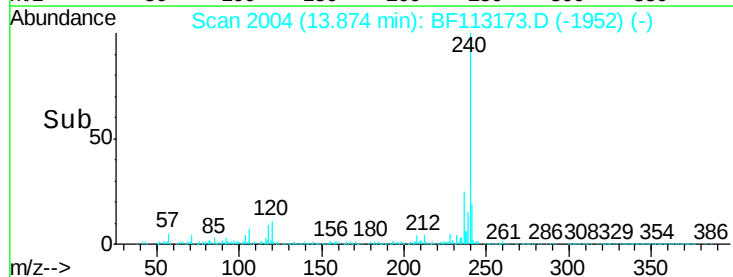
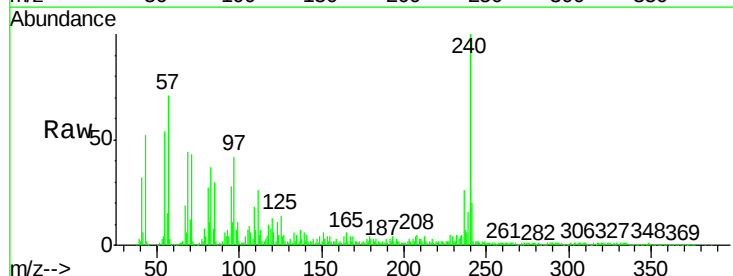
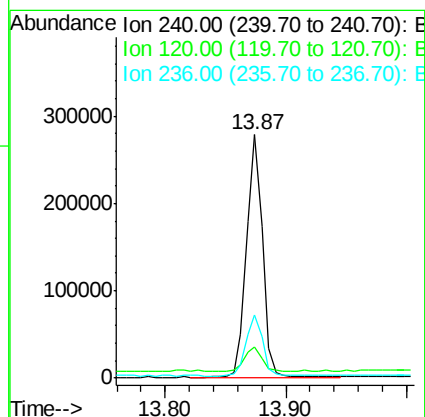
RT: 13.87 min Scan# 2004

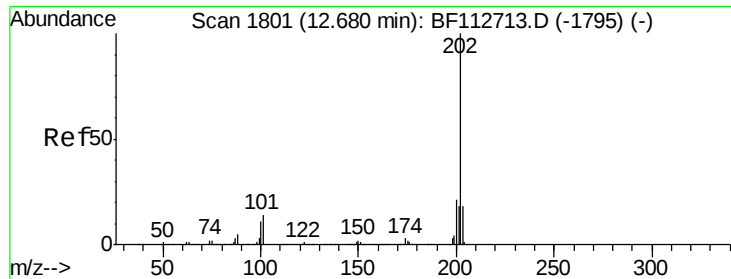
Delta R.T. 0.01 min

Lab File: BF113173.D

Acq: 20 Mar 2019 16:10

Tgt	Ion	240	Resp:	258547
Ion	Ratio	Lower	Upper	
240	100			
120	12.9	8.6	12.8#	
236	26.1	21.2	31.8	





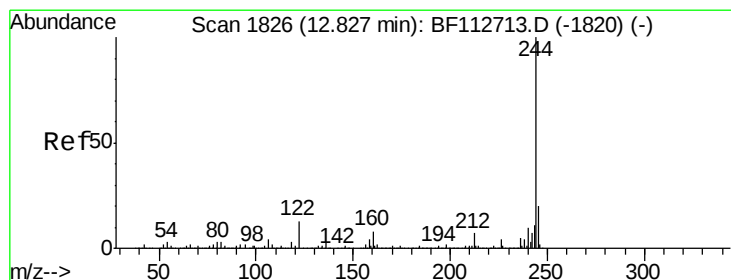
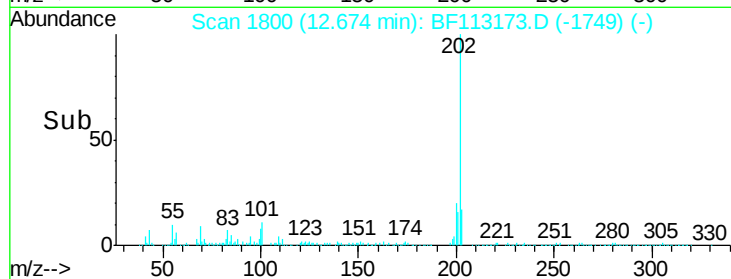
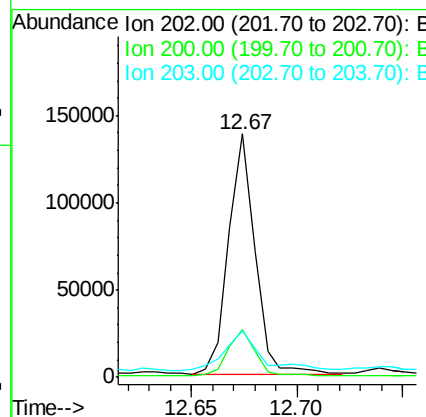
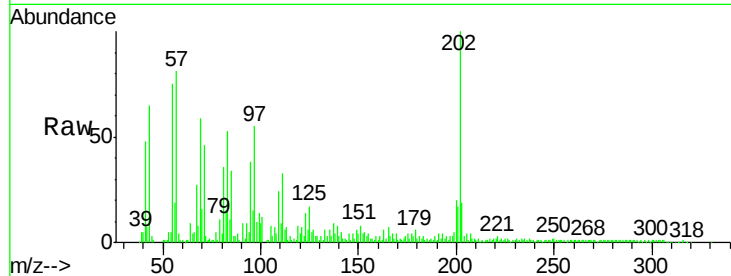
#78
 Pyrene
 Concen: 5.464 ng
 RT: 12.67 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BF113173.D
 Acq: 20 Mar 2019 16:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(14-15)-031519

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	19.8	17.1	25.7
203	19.2	14.6	21.8

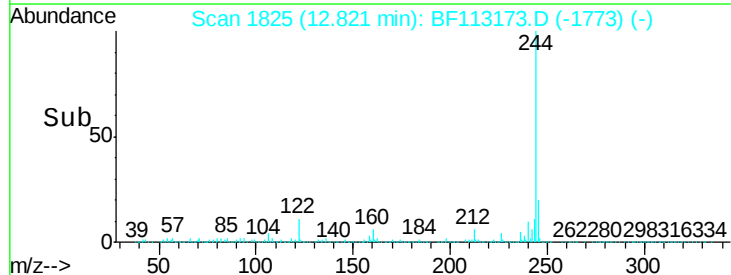
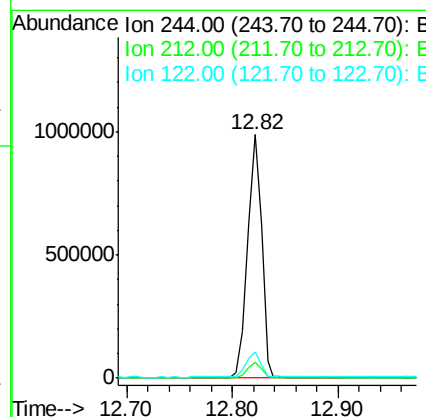
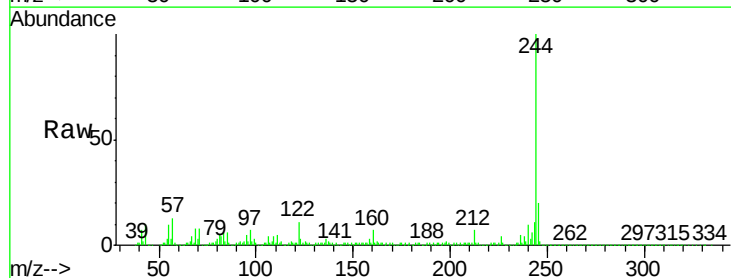
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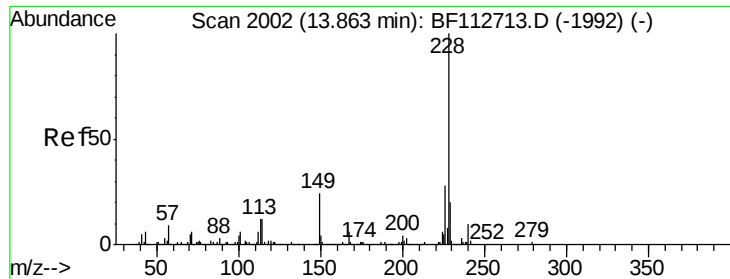
Sohil
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#79
 Terphenyl-d14
 Concen: 67.285 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.01 min
 Lab File: BF113173.D
 Acq: 20 Mar 2019 16:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.5	5.7	8.5
122	10.9	9.4	14.2





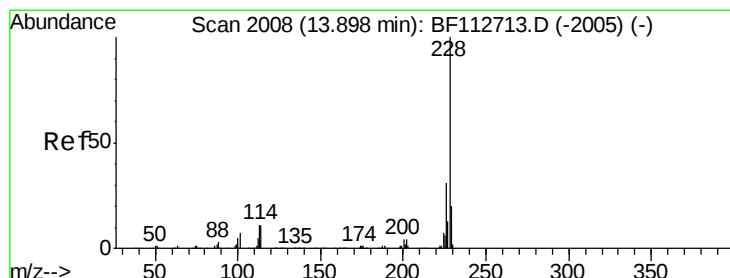
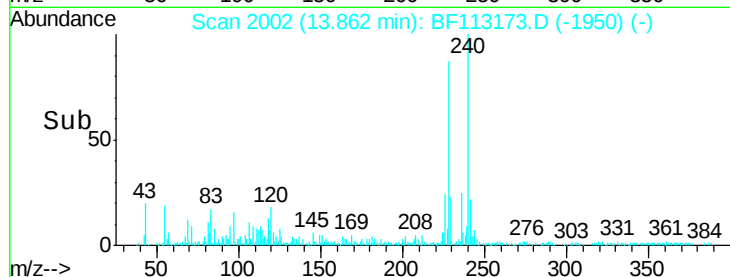
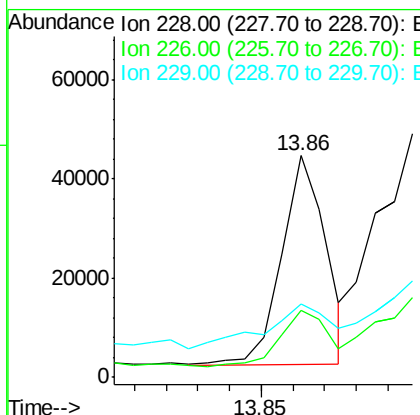
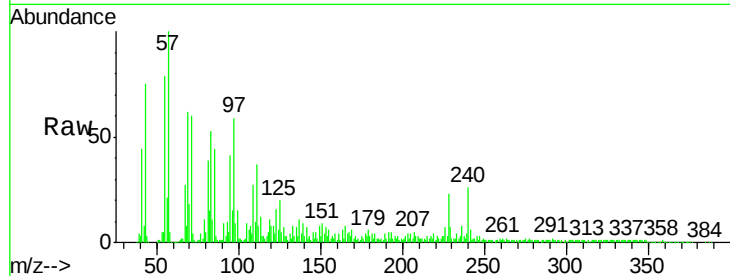
#81
Benzo(a)anthracene
Concen: 2.290 ng
RT: 13.86 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BF113173.D
Acq: 20 Mar 2019 16:10

Instrument :
BNA_F
ClientSampleId :
SB-8(14-15)-031519

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.0	33.0
229	33.0	16.0	24.0

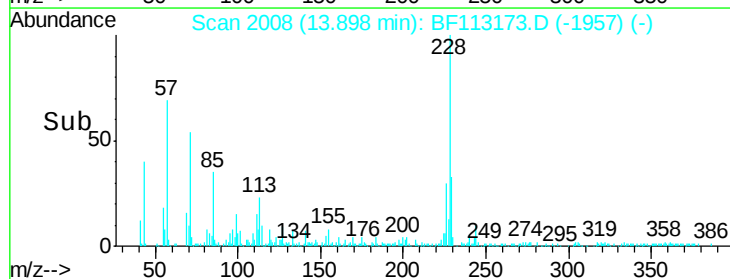
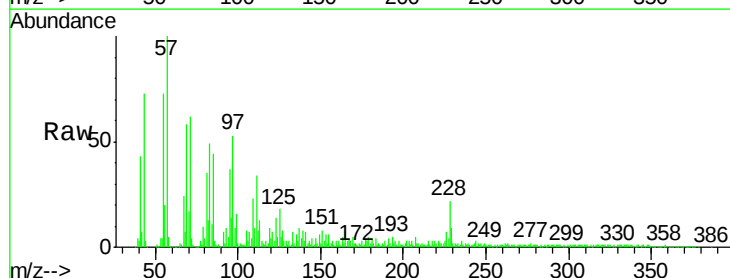
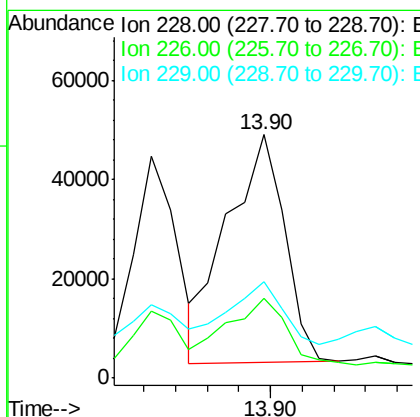
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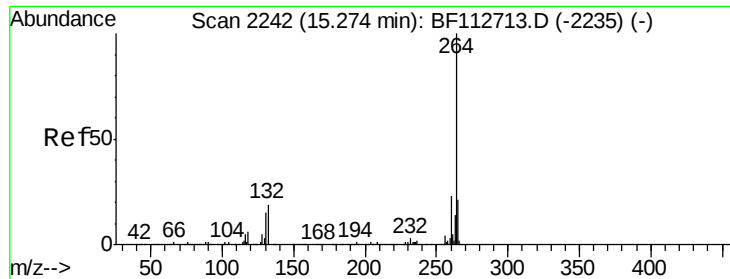
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#83
Chrysene
Concen: 3.278 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF113173.D
Acq: 20 Mar 2019 16:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.6	36.8
229	39.4	16.2	24.2





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2246

Delta R.T. 0.03 min

Lab File: BF113173.D

Acq: 20 Mar 2019 16:10

Instrument :

BNA_F

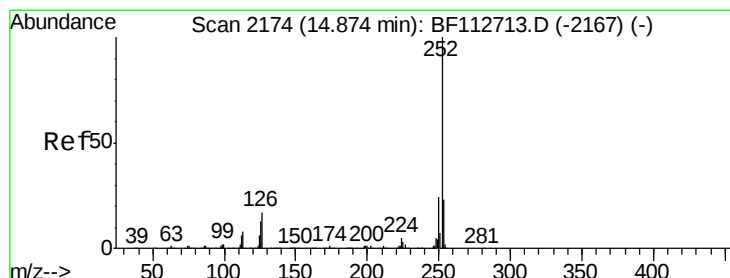
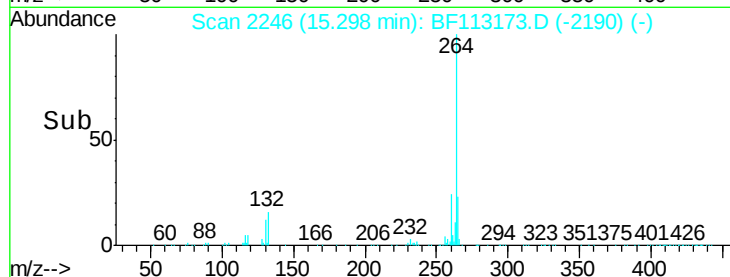
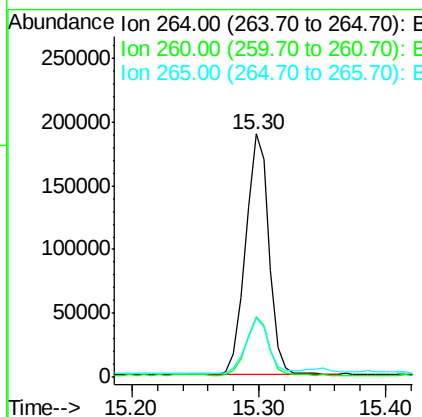
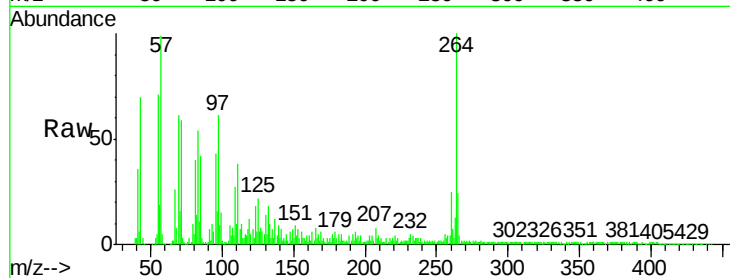
ClientSampleId :

SB-8(14-15)-031519

Tgt Ion:	264	Resp:	241244
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.2	28.8
265	24.1	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 3.787 ng m

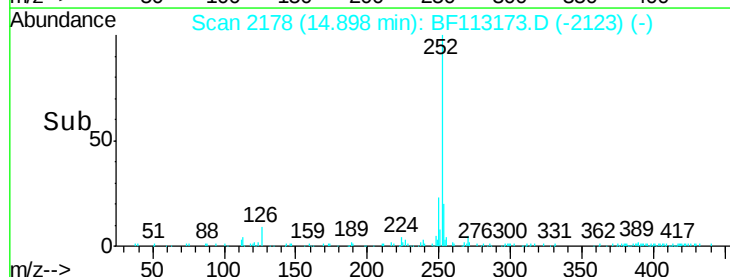
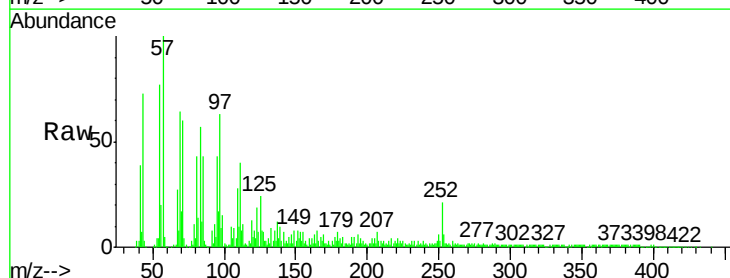
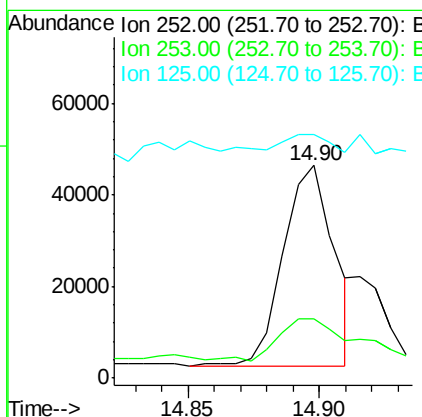
RT: 14.90 min Scan# 2178

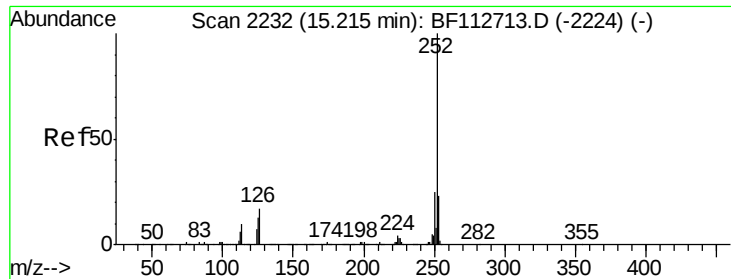
Delta R.T. 0.02 min

Lab File: BF113173.D

Acq: 20 Mar 2019 16:10

Tgt Ion:	252	Resp:	59099
Ion Ratio	Lower	Upper	
252	100		
253	28.2	18.2	27.4#
125	114.5	8.0	12.0#





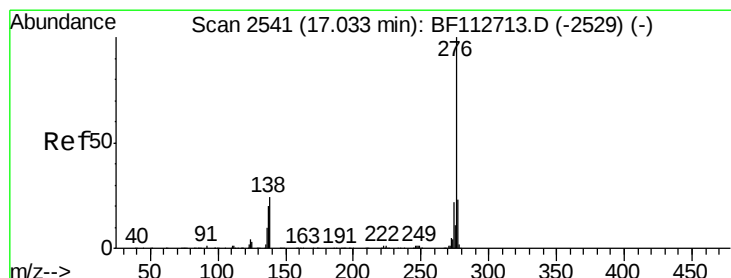
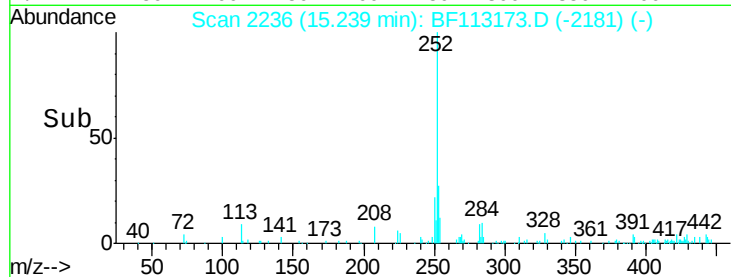
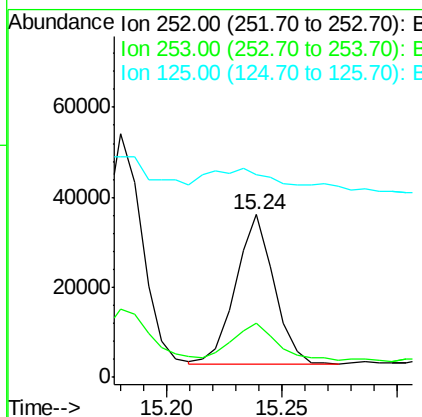
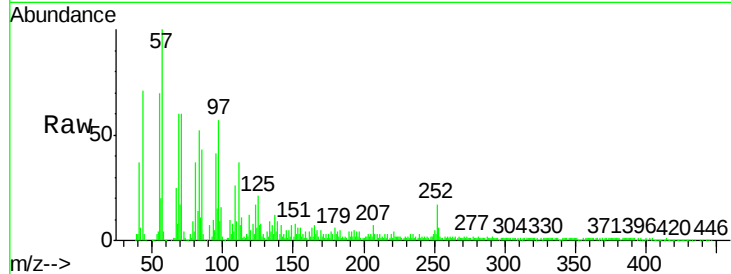
#90
Benzo(a)pyrene
Concen: 2.825 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.02 min
Lab File: BF113173.D
Acq: 20 Mar 2019 16:10

Instrument :
BNA_F
ClientSampleId :
SB-8(14-15)-031519

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.5	17.8	26.6#
125	124.7	9.1	13.7#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.548 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.04 min
Lab File: BF113173.D
Acq: 20 Mar 2019 16:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	31.7	19.4	29.0#
138	48.0	16.2	24.4#

