

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
 Data File : BF118051.D
 Acq On : 27 Nov 2019 20:00
 Operator : JU
 Sample : K5977-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WS-112119-0-2-COMP-B5

Manual Integrations
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 11/29/2019 8:53:52 AM

Quant Time: Nov 28 01:19:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	124598	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	443834	20.00	ng	-0.01
39) Acenaphthene-d10	9.93	164	195753	20.00	ng	-0.01
64) Phenanthrene-d10	11.43	188	328220	20.00	ng	0.00
76) Chrysene-d12	14.08	240	322446	20.00	ng	0.00
87) Perylene-d12	15.59	264	287813	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	648521	92.13	ng	0.00
7) Phenol-d6	6.51	99	785011	92.46	ng	-0.01
23) Nitrobenzene-d5	7.45	82	471434	63.14	ng	-0.02
42) 2,4,6-Tribromophenol	10.73	330	182771	88.19	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	855719	78.42	ng	-0.01
79) Terphenyl-d14	13.02	244	938744	53.21	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	9.65	163	158467	11.544	ng	97
71) Phenanthrene	11.45	178	71857	4.354	ng	99
75) Fluoranthene	12.64	202	217078	8.311	ng	99
78) Pyrene	12.87	202	215636	8.275	ng	99
81) Benzo(a)anthracene	14.07	228	148926	6.989	ng	97
83) Chrysene	14.10	228	126892	6.146	ng	96
86) Indeno(1,2,3-cd)pyrene	17.10	276	56438	3.212	ng	# 94
88) Benzo(b)fluoranthene	15.14	252	185482m	9.919	ng	
89) Benzo(k)fluoranthene	15.16	252	56813m	3.225	ng	
90) Benzo(a)pyrene	15.52	252	119644	7.276	ng	99
92) Benzo(g,h,i)perylene	17.56	276	56522	4.010	ng	97

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

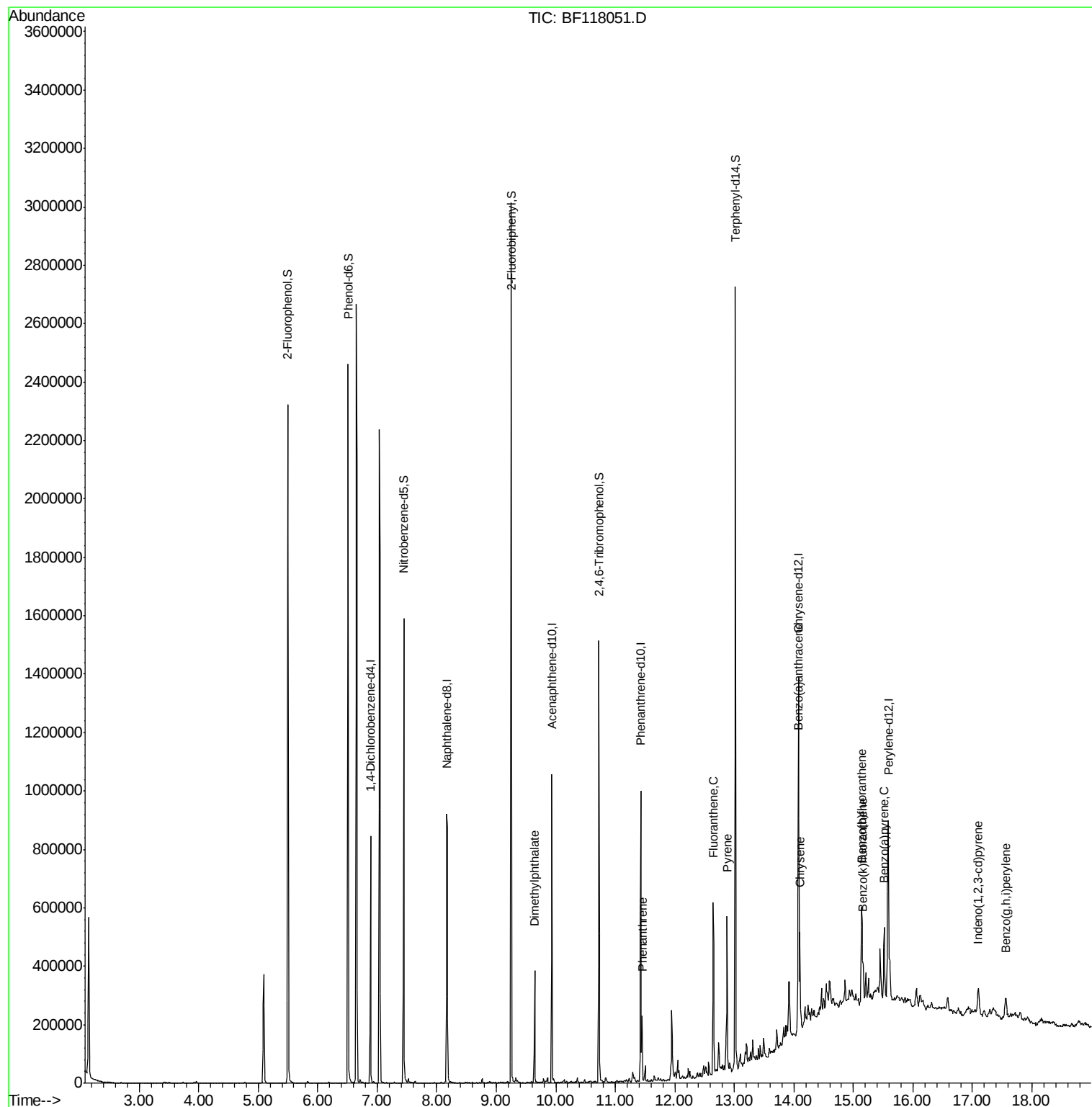
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
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ALS Vial : 16 Sample Multiplier: 1

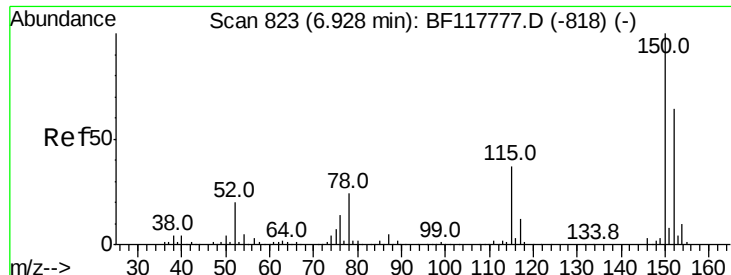
Instrument :
BNA_F
ClientSampleId :
WS-112119-0-2-COMP-B5

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Quant Time: Nov 28 01:19:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

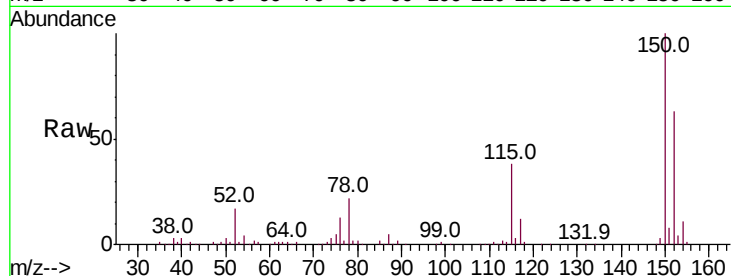
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF118051.D
Acq: 27 Nov 2019 20:00

Instrument :
BNA_F
ClientSampleId :
WS-112119-0-2-COMP-B5

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	125.3	187.9
115	60.2	47.0	70.4

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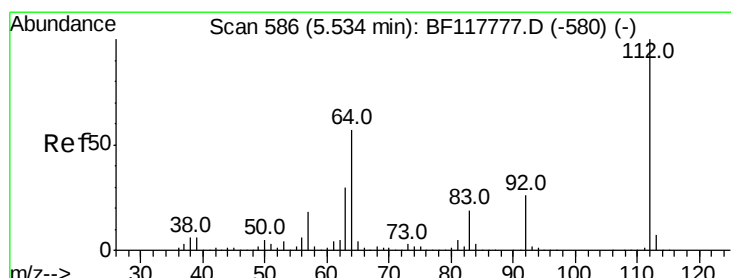
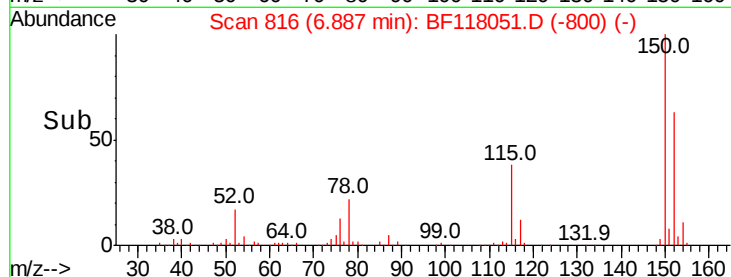
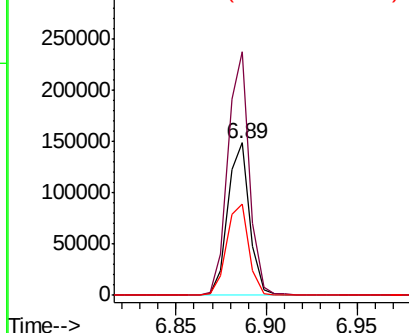


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

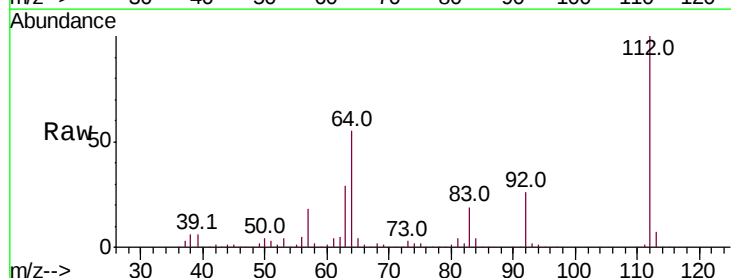
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 92.132 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF118051.D
Acq: 27 Nov 2019 20:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	45.6	68.4
63	29.2	24.1	36.1

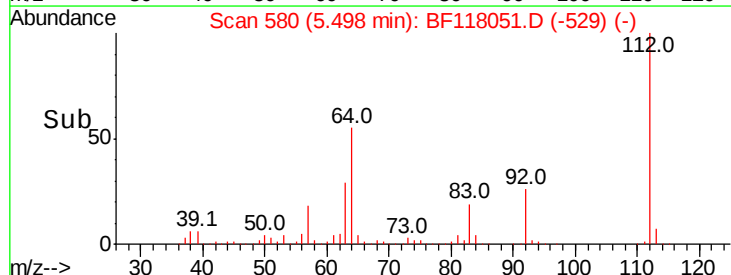
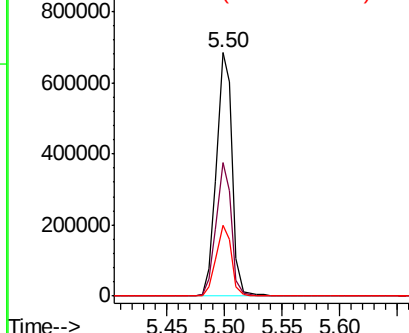


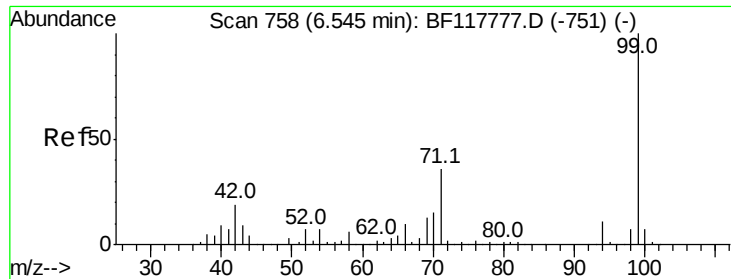
Abundance

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: 92.461 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118051.D

Acq: 27 Nov 2019 20:00

Instrument :

BNA_F

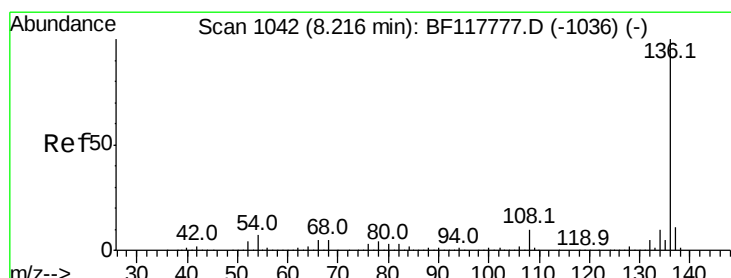
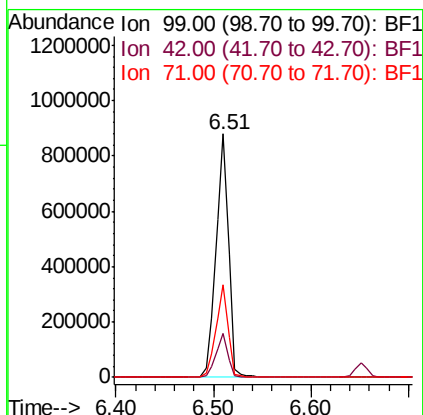
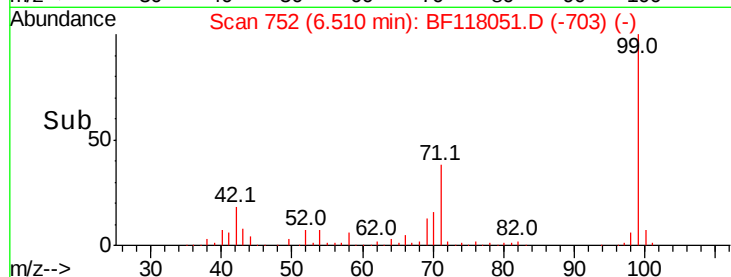
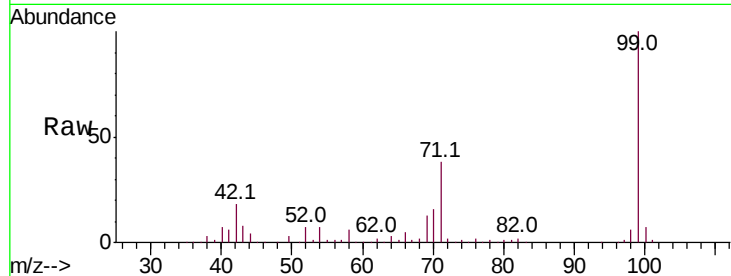
ClientSampleId :

WS-112119-0-2-COMP-B5

Tot Ion:	99	Resp:	785011
Ion Ratio	Lower	Upper	
99	100		
42	18.0	14.9	22.3
71	37.8	28.6	43.0

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#21

Naphthalene-d8

Concen: 20.000 ng

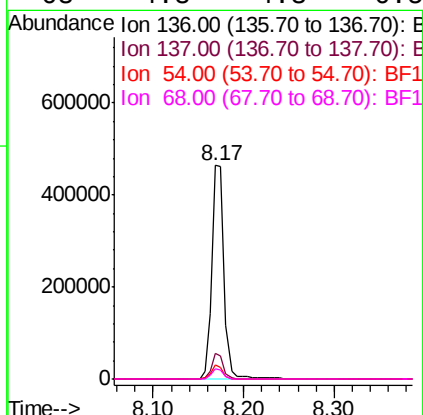
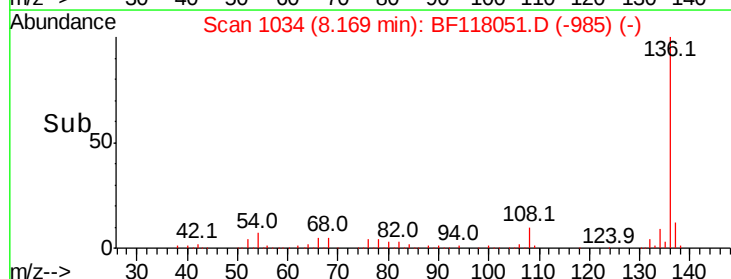
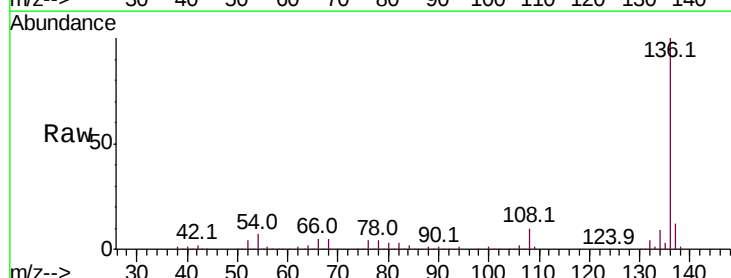
RT: 8.17 min Scan# 1034

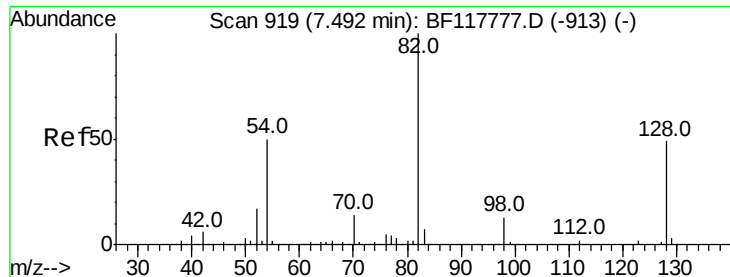
Delta R.T. -0.01 min

Lab File: BF118051.D

Acq: 27 Nov 2019 20:00

Tgt Ion:	136	Resp:	443834
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.0	13.4
54	6.9	5.4	8.2
68	4.8	4.3	6.5





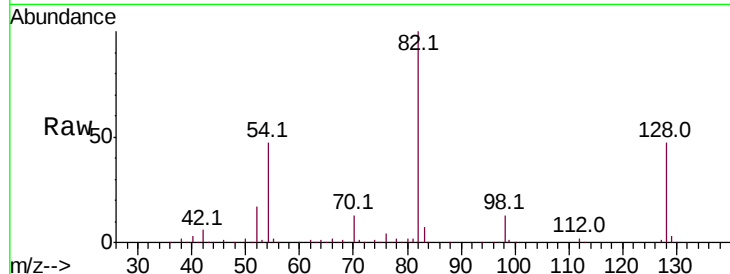
#23
 Nitrobenzene-d5
 Concen: 63.143 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.02 min
 Lab File: BF118051.D
 Acq: 27 Nov 2019 20:00

Instrument :
 BNA_F
 ClientSampleId :
 WS-112119-0-2-COMP-B5

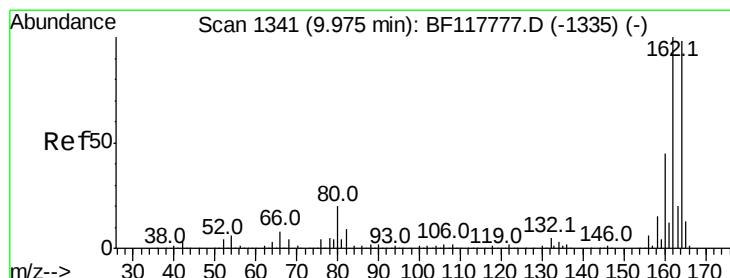
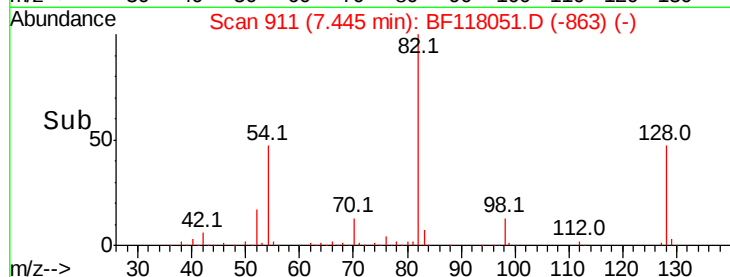
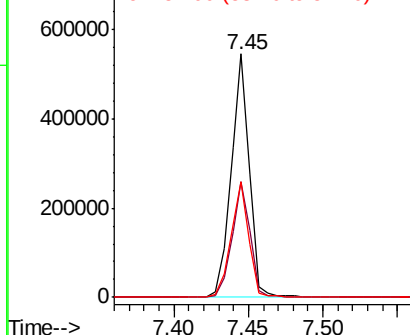
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.3	38.9	58.3
54	47.4	39.8	59.6

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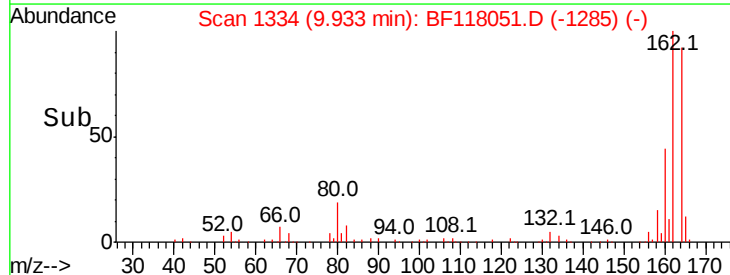
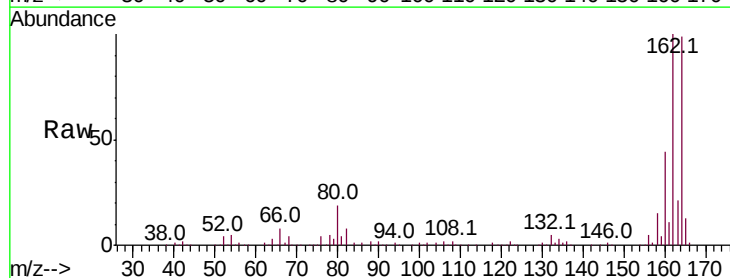
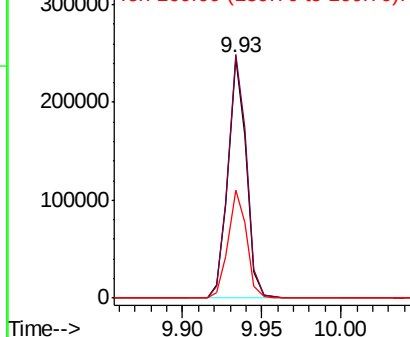
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

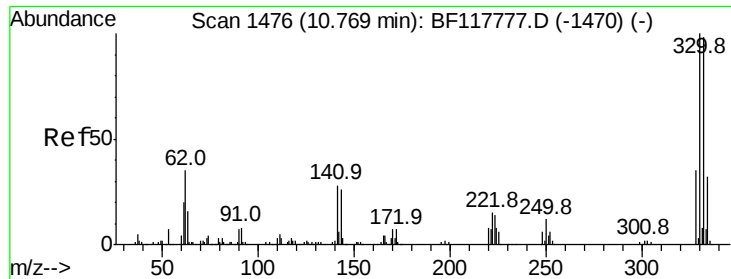


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF118051.D
 Acq: 27 Nov 2019 20:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.3	121.9
160	45.0	36.6	55.0

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





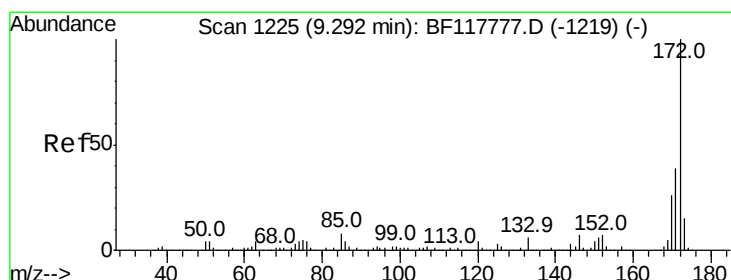
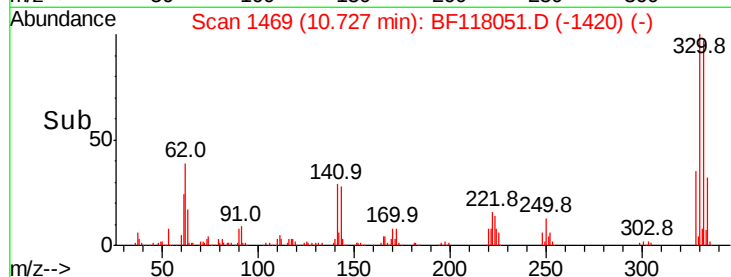
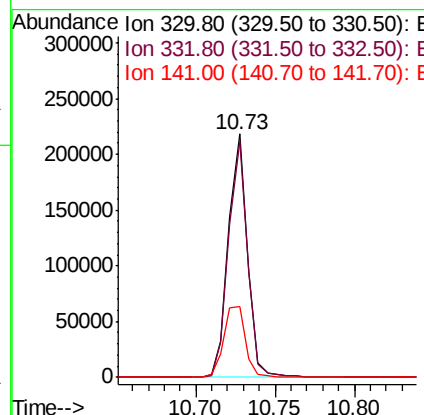
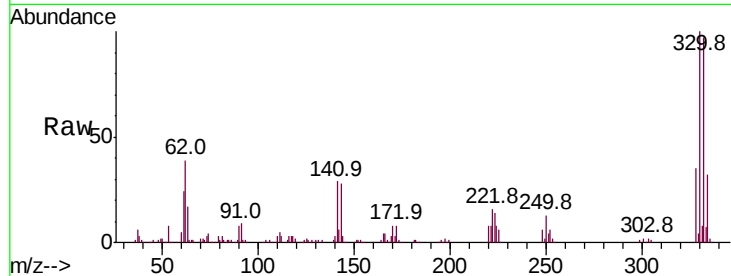
#42
 2,4,6-Tribromophenol
 Concen: 88.192 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF118051.D
 Acq: 27 Nov 2019 20:00

Instrument :
 BNA_F
 ClientSampleId :
 WS-112119-0-2-COMP-B5

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.7	115.1
141	33.2	27.7	41.5

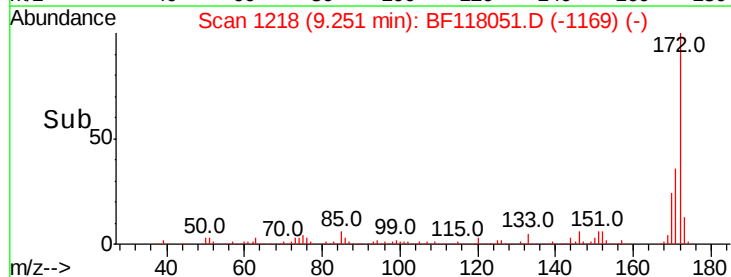
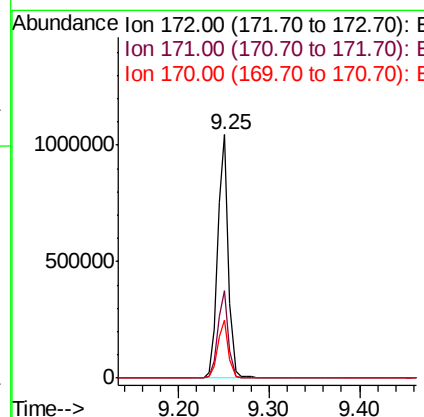
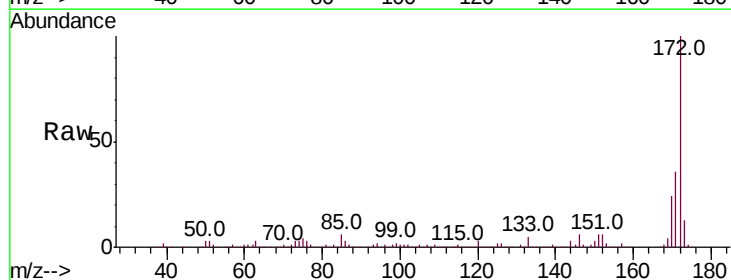
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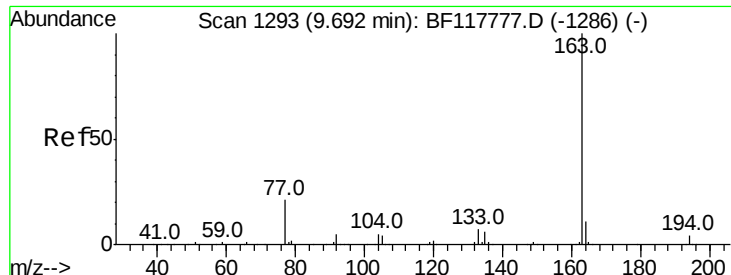
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#45
 2-Fluorobiphenyl
 Concen: 78.425 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF118051.D
 Acq: 27 Nov 2019 20:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.9	46.3
170	24.0	21.0	31.4





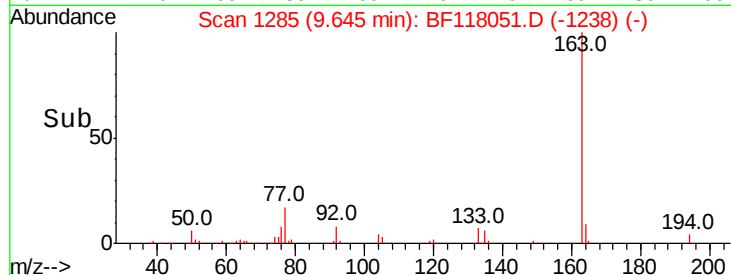
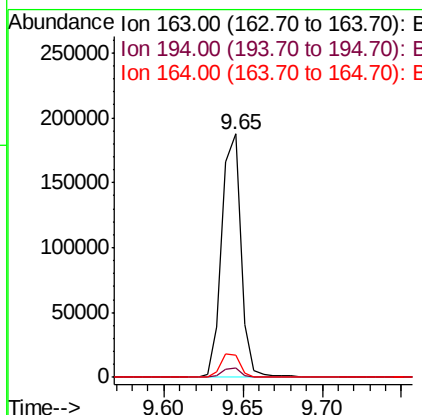
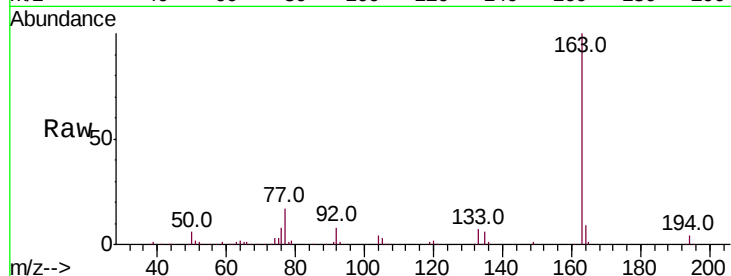
#50
Dimethylphthalate
Concen: 11.544 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF118051.D
Acq: 27 Nov 2019 20:00

Instrument :
BNA_F
ClientSampleId :
WS-112119-0-2-COMP-B5

Tot Ion	Ratio	Resp	Lower	Upper
163	100	158467		
194	4.0		3.3	4.9
164	9.3		8.7	13.1

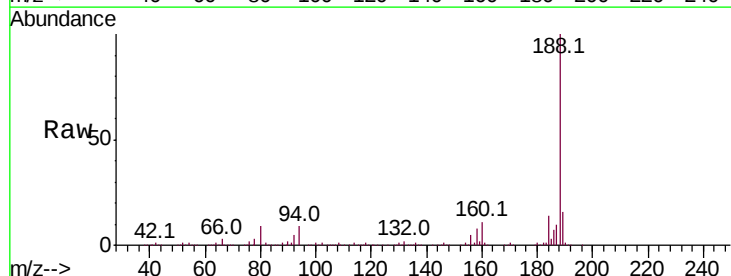
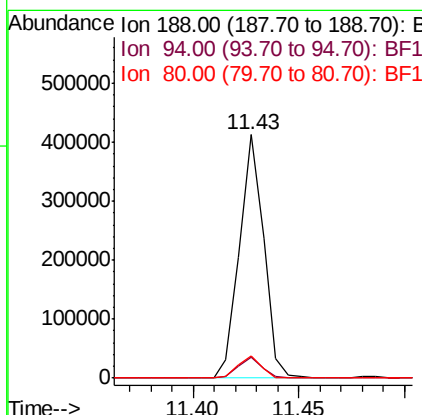
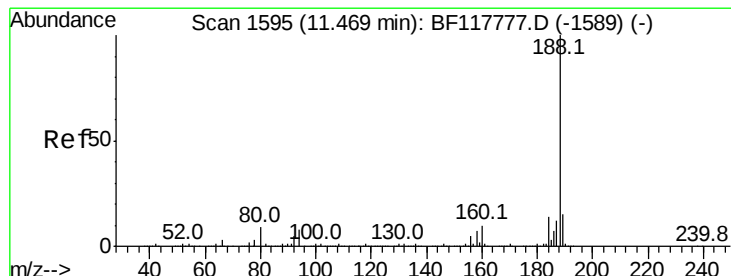
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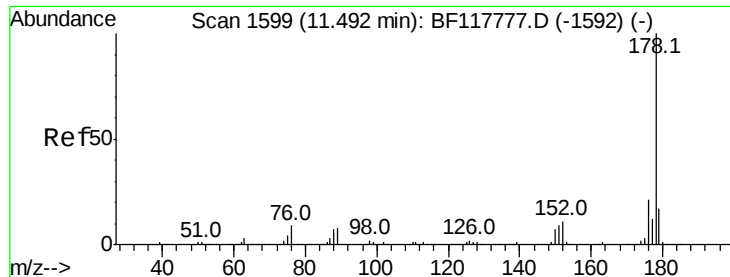
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF118051.D
Acq: 27 Nov 2019 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	328220		
94	8.7		6.6	10.0
80	9.0		7.2	10.8





#71

Phenanthrene

Concen: 4.354 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BF118051.D

Acq: 27 Nov 2019 20:00

Instrument :

BNA_F

ClientSampleId :

WS-112119-0-2-COMP-B5

Tot Ion:178 Resp: 71857

Ion Ratio Lower Upper

178 100

176 19.7 16.6 25.0

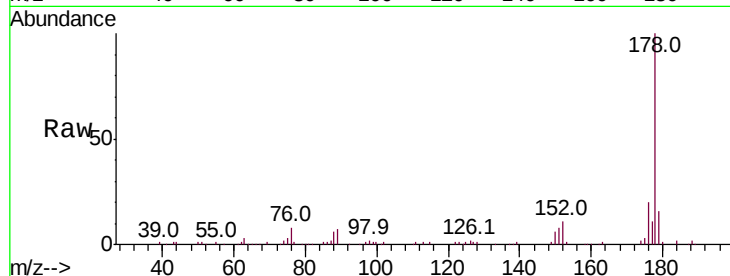
179 16.4 13.2 19.8

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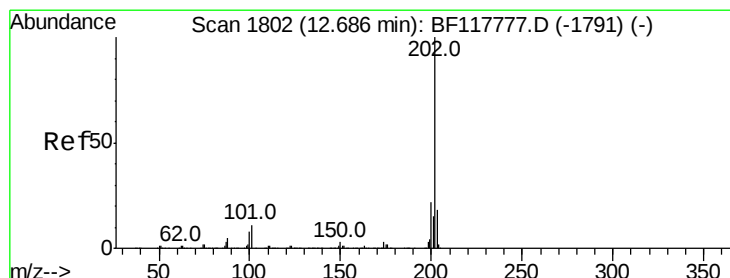
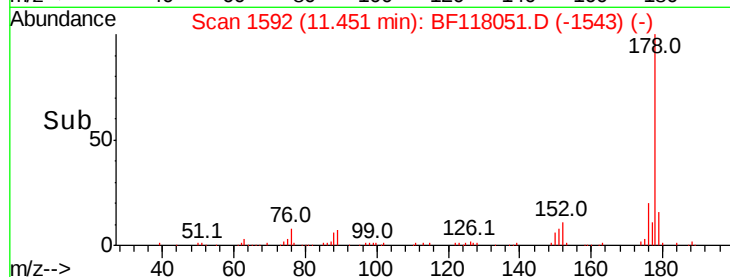
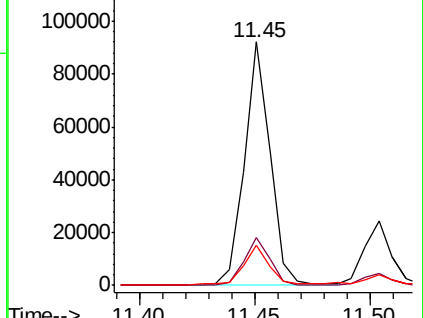
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 8.311 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF118051.D

Acq: 27 Nov 2019 20:00

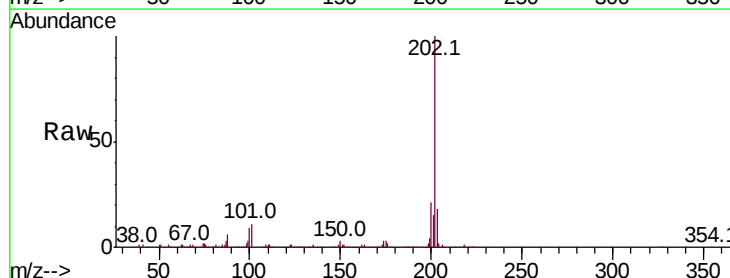
Tgt Ion:202 Resp: 217078

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.1

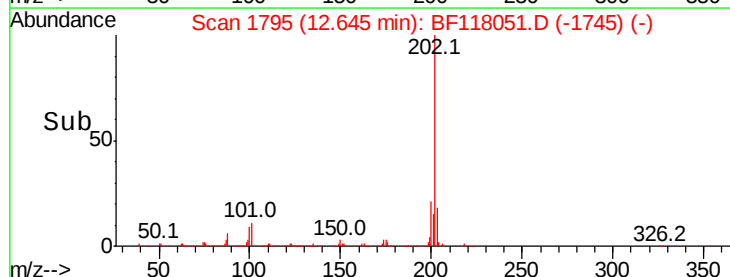
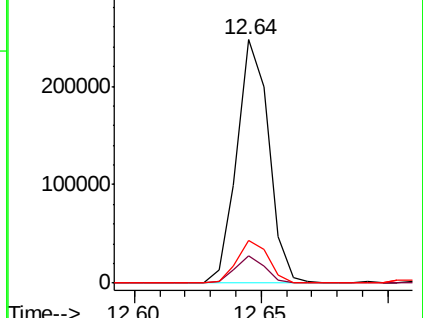
203 17.5 0.0 38.2

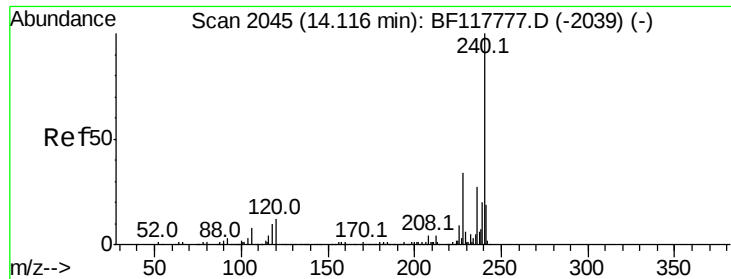


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





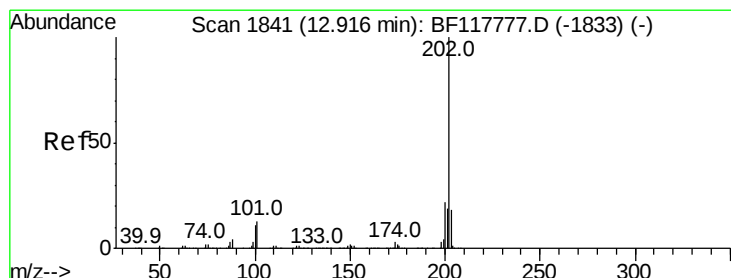
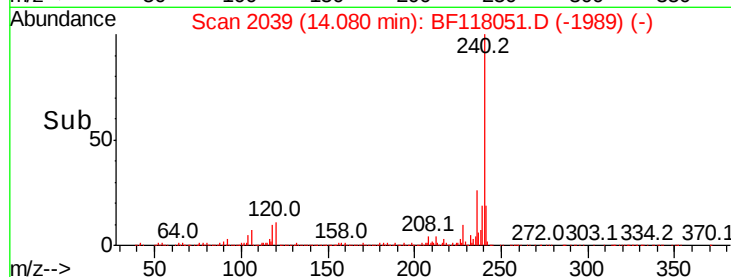
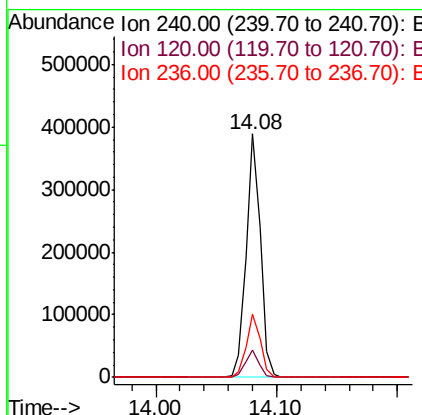
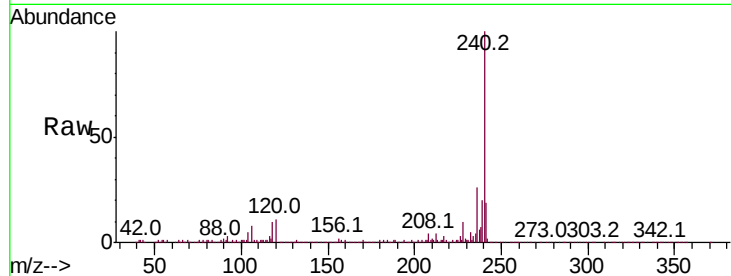
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BF118051.D
 Acq: 27 Nov 2019 20:00

Instrument :
 BNA_F
 ClientSampleId :
 WS-112119-0-2-COMP-B5

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.5	14.3
236	25.8	21.3	31.9

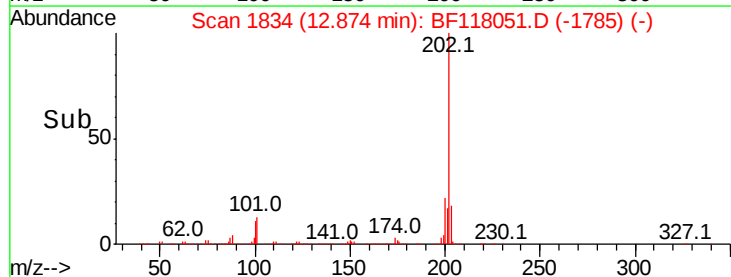
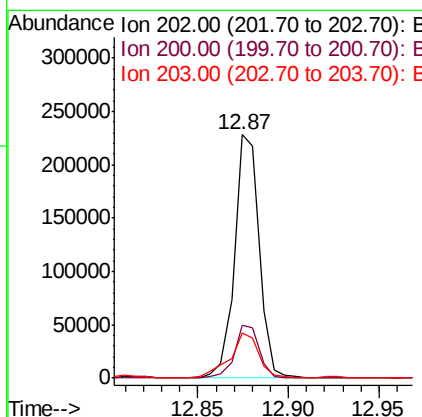
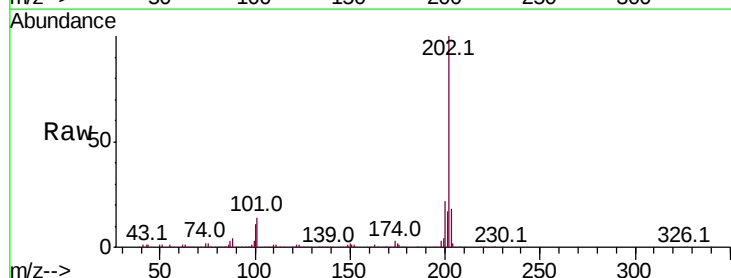
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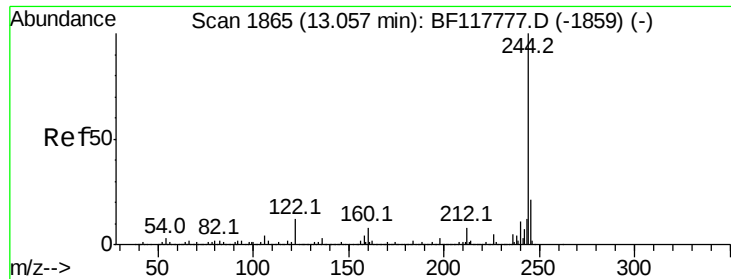
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#78
 Pyrene
 Concen: 8.275 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF118051.D
 Acq: 27 Nov 2019 20:00

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.8	26.8
203	18.5	14.6	22.0





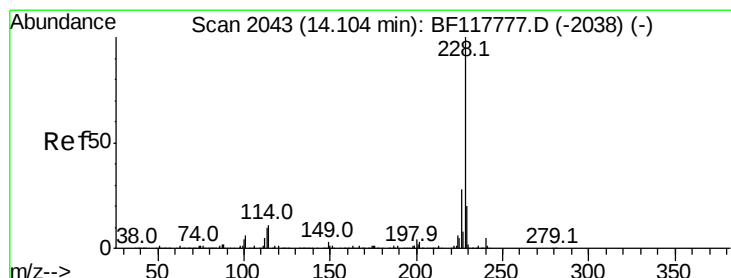
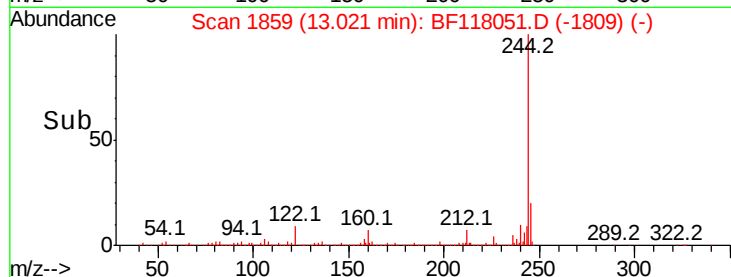
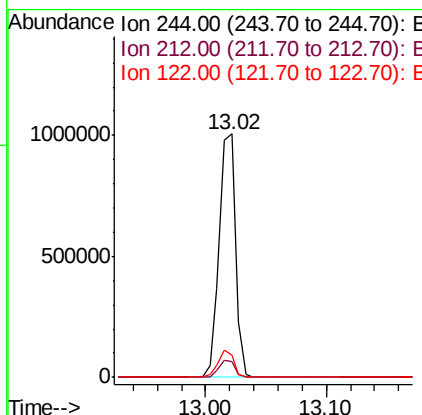
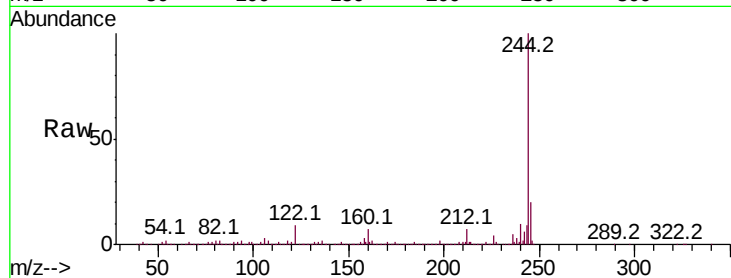
#79
 Terphenyl-d14
 Concen: 53.208 ng
 RT: 13.02 min Scan# 1859
 Delta R.T. -0.01 min
 Lab File: BF118051.D
 Acq: 27 Nov 2019 20:00

Instrument :
 BNA_F
 ClientSampleId :
 WS-112119-0-2-COMP-B5

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.3	9.5
122	9.3	9.4	14.2

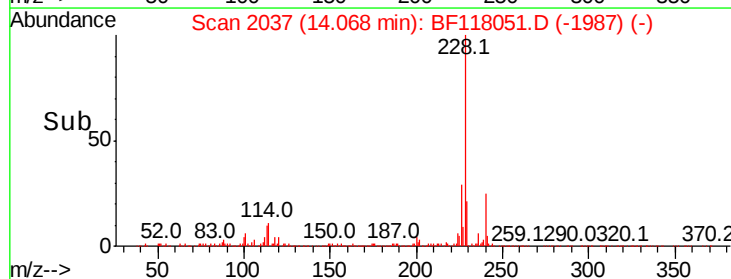
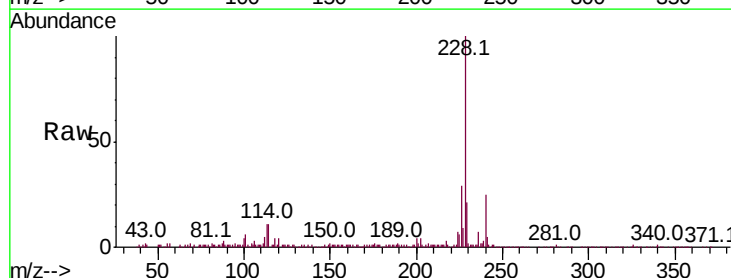
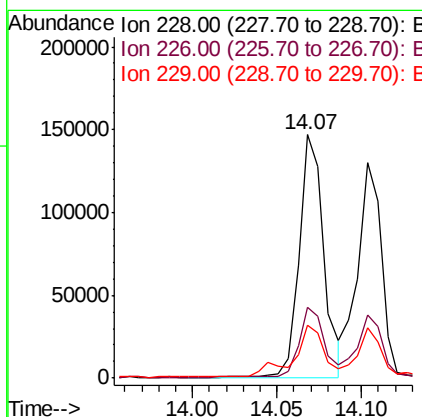
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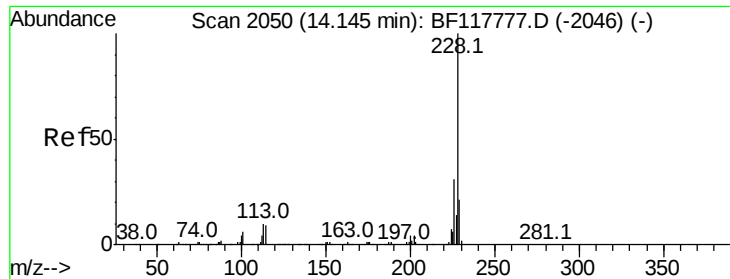
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#81
 Benzo(a)anthracene
 Concen: 6.989 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF118051.D
 Acq: 27 Nov 2019 20:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.2	33.2
229	21.5	15.9	23.9





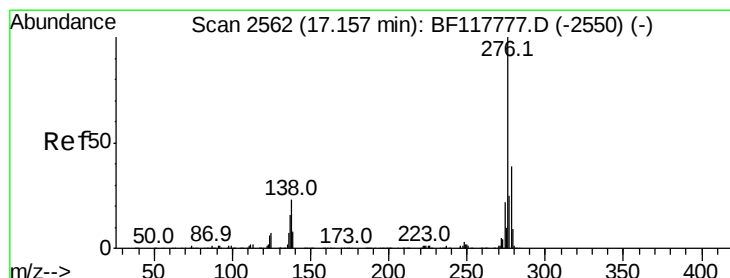
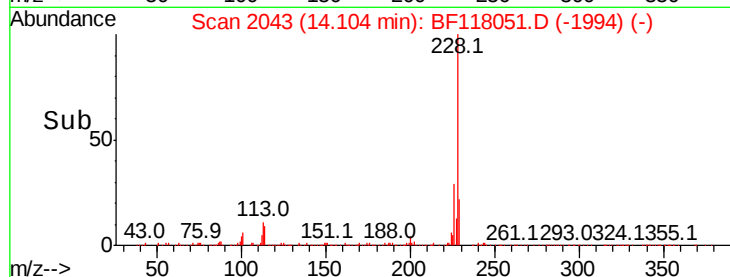
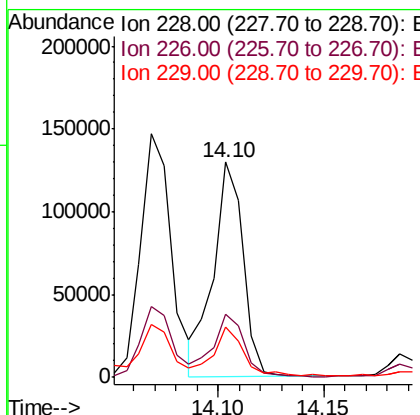
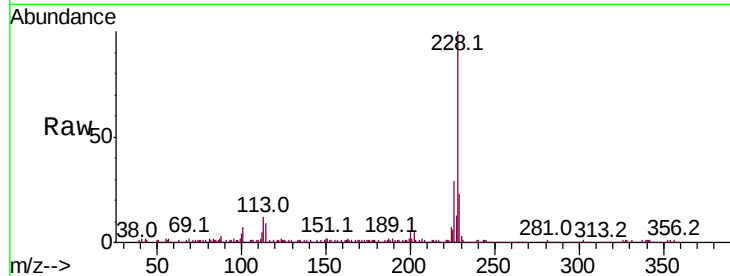
#83
Chrysene
Concen: 6.146 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF118051.D
Acq: 27 Nov 2019 20:00

Instrument :
BNA_F
ClientSampleId :
WS-112119-0-2-COMP-B5

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.0	37.4
229	23.4	16.6	25.0

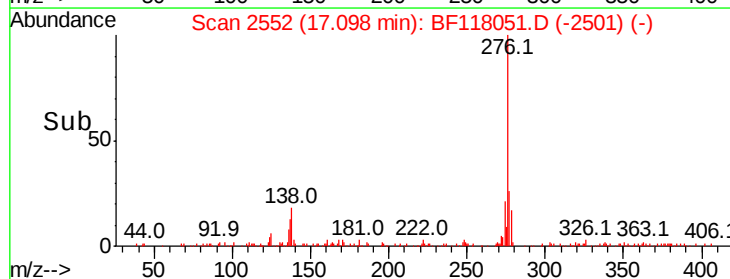
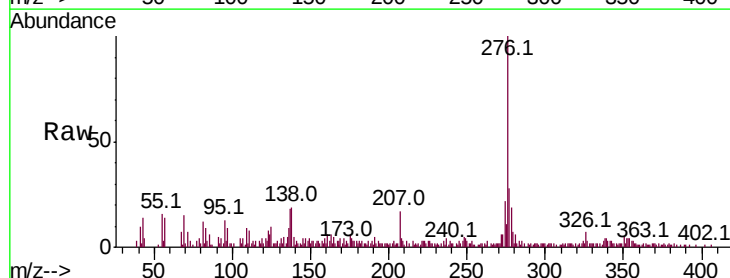
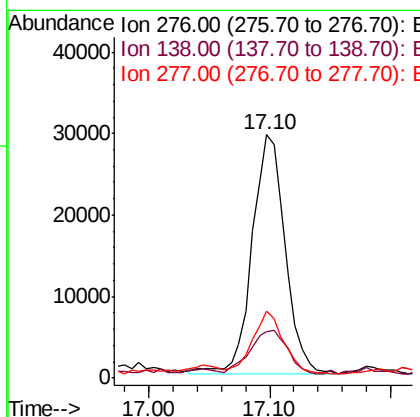
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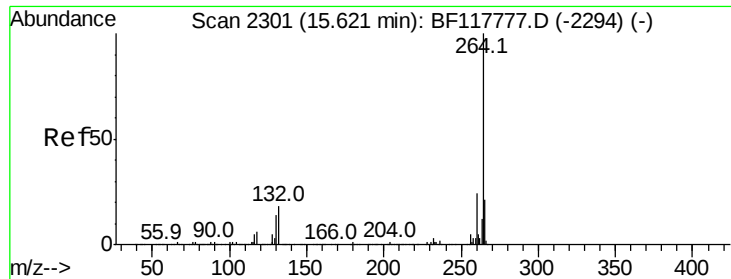
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#86
Indeno(1,2,3-cd)pyrene
Concen: 3.212 ng
RT: 17.10 min Scan# 2552
Delta R.T. 0.00 min
Lab File: BF118051.D
Acq: 27 Nov 2019 20:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.7	20.9	31.3#
277	24.4	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.59 min Scan# 2295

Delta R.T. 0.01 min

Lab File: BF118051.D

Acq: 27 Nov 2019 20:00

Instrument :

BNA_F

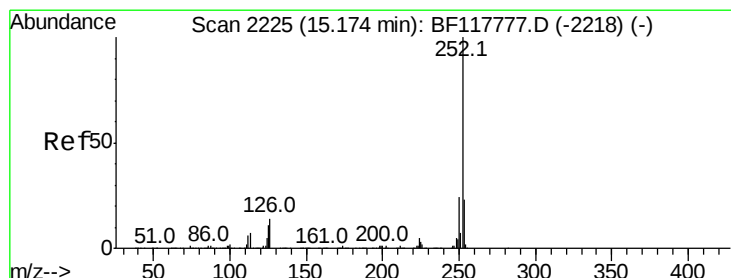
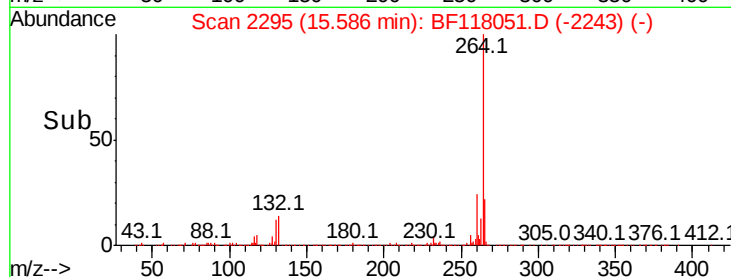
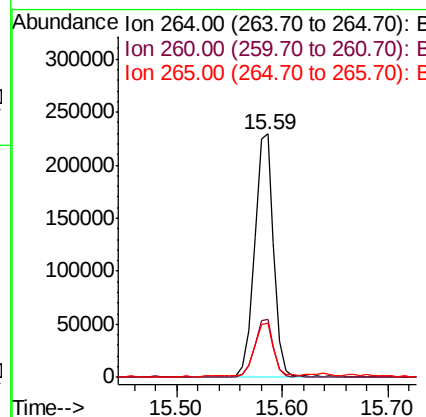
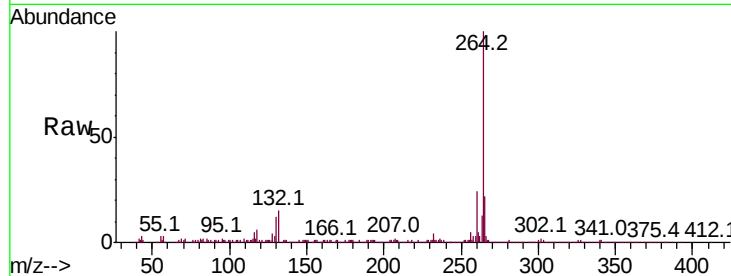
ClientSampleId :

WS-112119-0-2-COMP-B5

Tot Ion:	264	Resp:	287813
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.4	29.0
265	22.2	17.1	25.7

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#88

Benzo(b)fluoranthene

Concen: 9.919 ng m

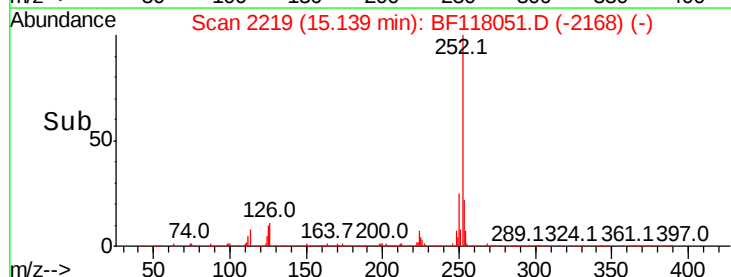
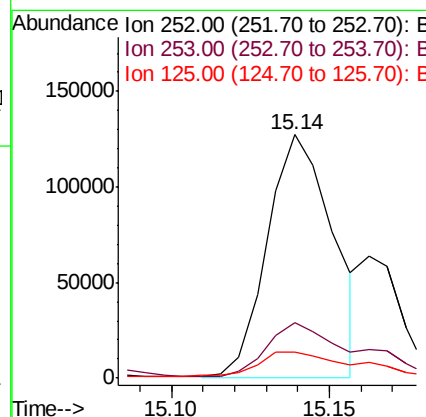
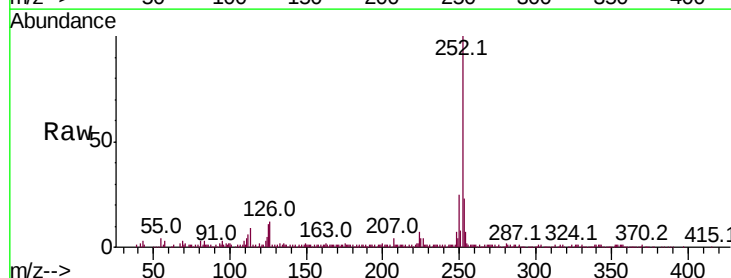
RT: 15.14 min Scan# 2219

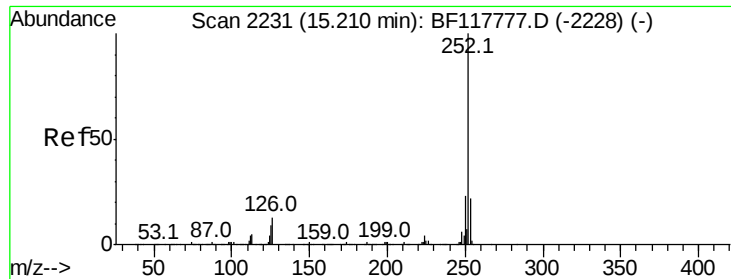
Delta R.T. 0.00 min

Lab File: BF118051.D

Acq: 27 Nov 2019 20:00

Tgt Ion:	252	Resp:	185482
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.0	27.0
125	10.9	8.6	13.0





#89

Benzo(k)fluoranthene

Concen: 3.225 ng/mL

RT: 15.16 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF118051.D

Acq: 27 Nov 2019 20:00

Instrument :

BNA_F

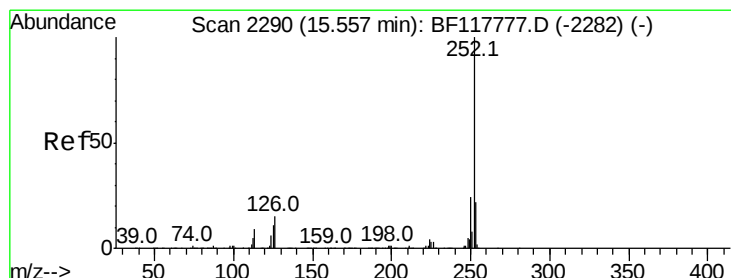
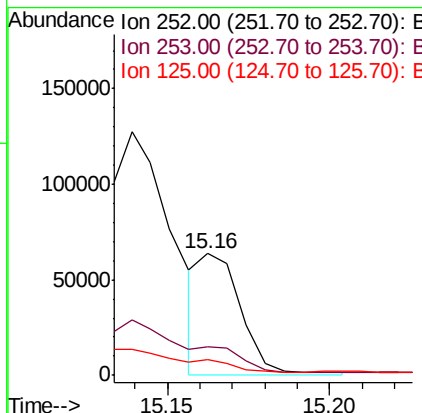
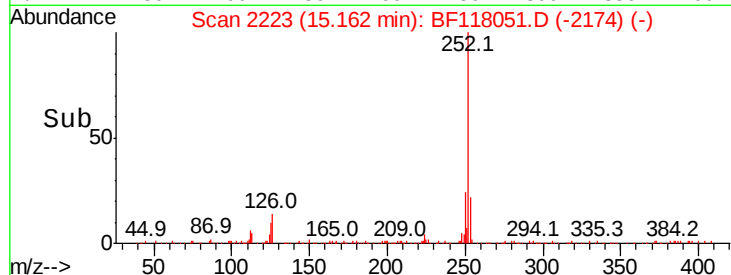
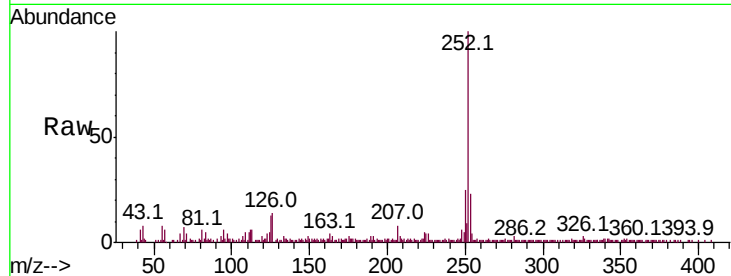
ClientSampleId :

WS-112119-0-2-COMP-B5

Tot Ion:	252	Resp:	56813
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.5	26.3
125	12.6	7.9	11.9

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#90

Benzo(a)pyrene

Concen: 7.276 ng/mL

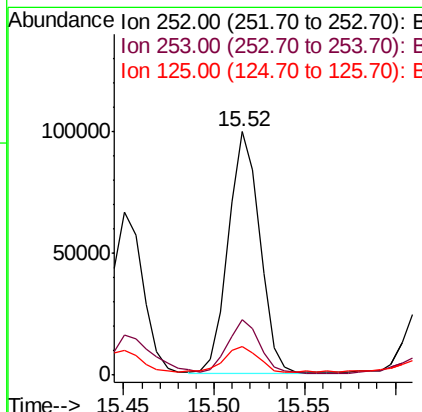
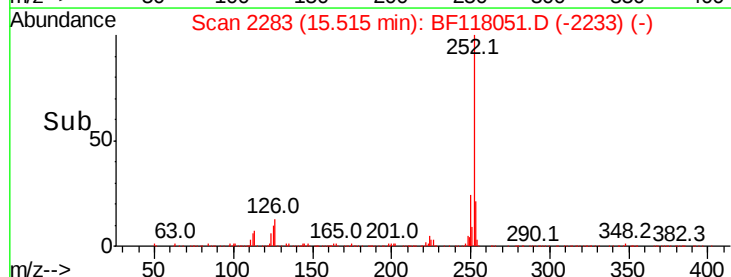
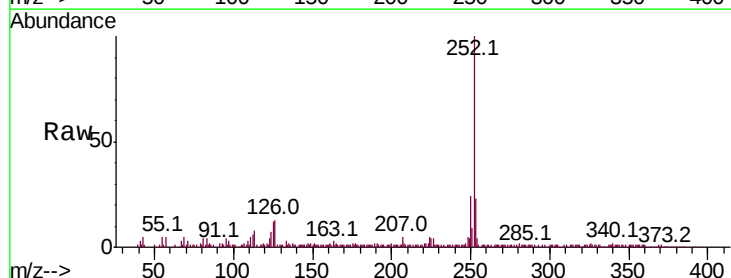
RT: 15.52 min Scan# 2283

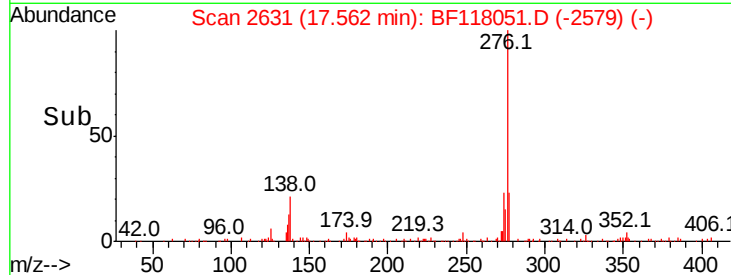
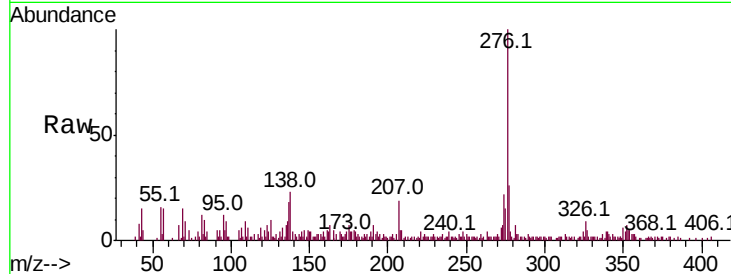
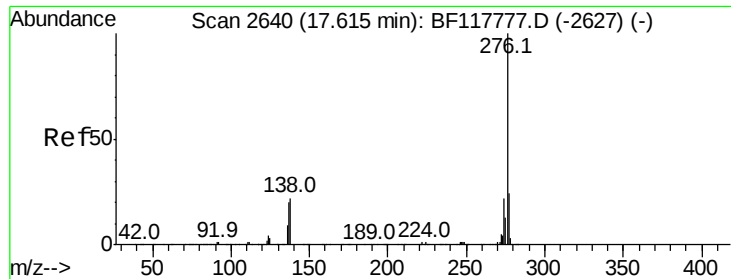
Delta R.T. -0.01 min

Lab File: BF118051.D

Acq: 27 Nov 2019 20:00

Tgt Ion:	252	Resp:	119644
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.8	26.6
125	11.8	9.2	13.8





#92
 Benzo(a,h,i)perylene
 Concen: 4.010 ng
 RT: 17.56 min Scan# 2631
 Delta R.T. 0.01 min
 Lab File: BF118051.D
 Acq: 27 Nov 2019 20:00

Instrument :
 BNA_F
 ClientSampleId :
 WS-112119-0-2-COMP-B5

Tot Ion:276	Resp:	56522
Ion Ratio	Lower	Upper
276	100	
277	25.8	18.9 28.3
138	22.9	17.4 26.2

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