

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
 Data File : BF118043.D
 Acq On : 27 Nov 2019 16:20
 Operator : JU
 Sample : K5940-01 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 33RD-ST-7TH-AVE-EAST-COMP

Manual Integrations
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 11/29/2019 8:53:31 AM

Quant Time: Nov 27 16:50:41 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	6.88	152	144370	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	586551	20.00	ng	-0.01
39) Acenaphthene-d10	9.93	164	311036	20.00	ng	-0.01
64) Phenanthrene-d10	11.43	188	564843	20.00	ng	0.00
76) Chrysene-d12	14.07	240	330211	20.00	ng	-0.01
87) Perylene-d12	15.58	264	380250	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	158993	19.49	ng	-0.02
7) Phenol-d6	6.50	99	230071	23.39	ng	-0.02
23) Nitrobenzene-d5	7.44	82	140334	14.22	ng	-0.02
42) 2,4,6-Tribromophenol	10.72	330	38528	11.70	ng	-0.02
45) 2-Fluorobiphenyl	9.25	172	316588	18.26	ng	-0.02
79) Terphenyl-d14	13.02	244	343164	18.99	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
71) Phenanthrene	11.45	178	267977	9.436	ng	97
72) Anthracene	11.50	178	67224	2.388	ng	98
75) Fluoranthene	12.64	202	307238	5.231	ng	98
78) Pyrene	12.87	202	261470	9.798	ng	98
81) Benzo(a)anthracene	14.07	228	110457	5.062	ng	99
83) Chrysene	14.10	228	101486	4.800	ng	98
86) Indeno(1,2,3-cd)pyrene	17.09	276	53345m	2.964	ng	
88) Benzo(b)fluoranthene	15.13	252	124399m	5.035	ng	
90) Benzo(a)pyrene	15.51	252	88515	4.075	ng	98
92) Benzo(g,h,i)perylene	17.54	276	47886	2.571	ng	97

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

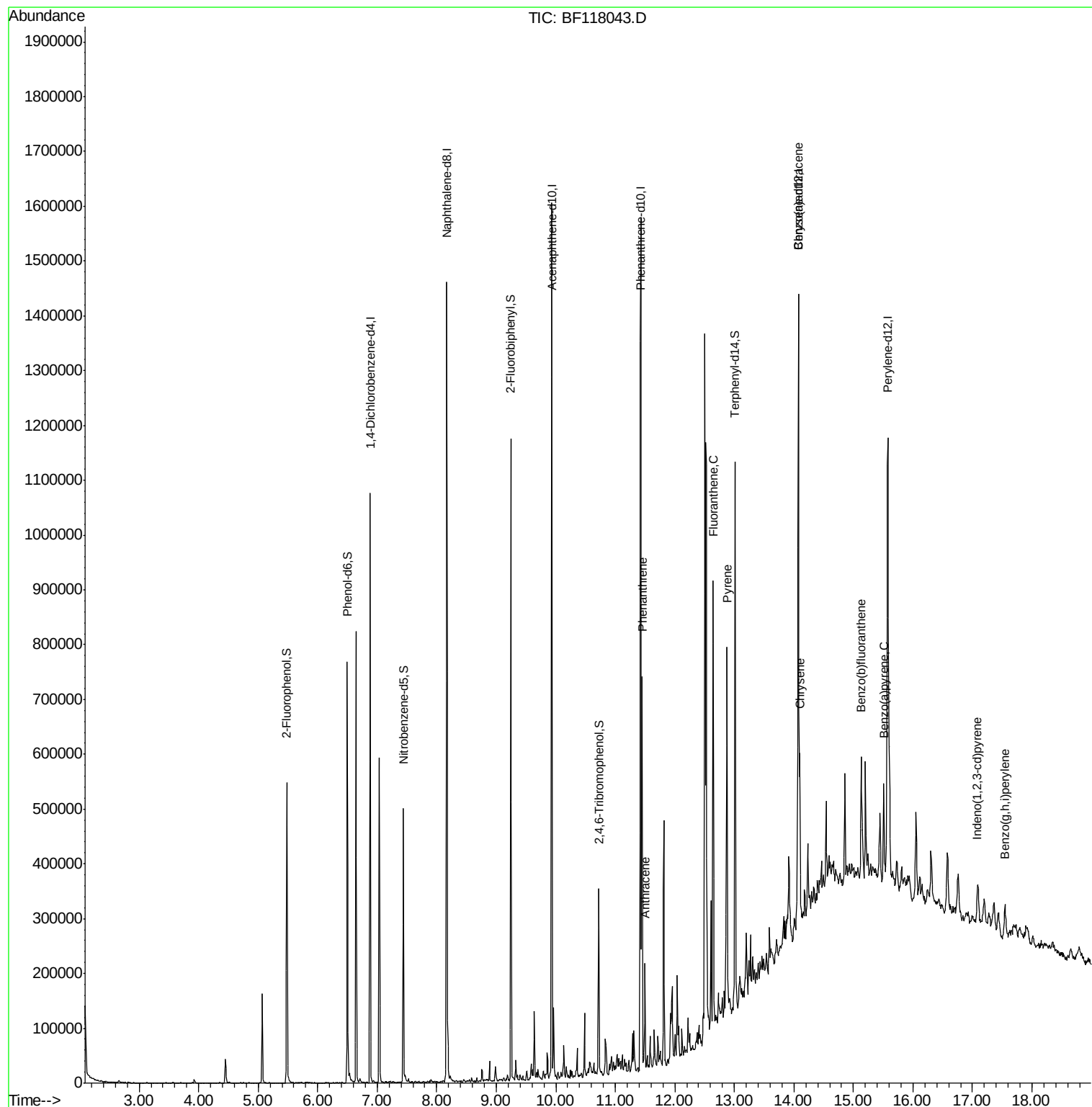
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
Data File : BF118043.D
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Misc :
ALS Vial : 8 Sample Multiplier: 1

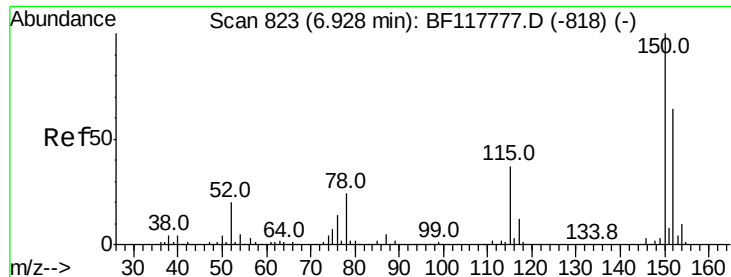
Instrument :
BNA_F
ClientSampleId :
33RD-ST-7TH-AVE-EAST-COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

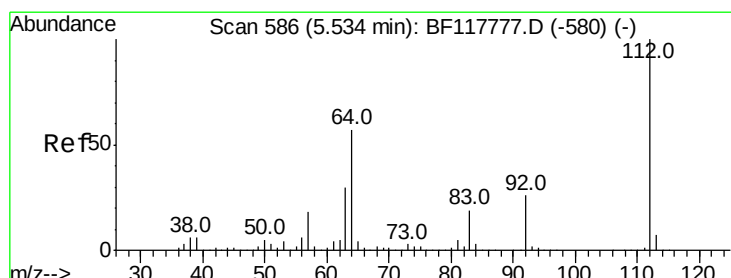
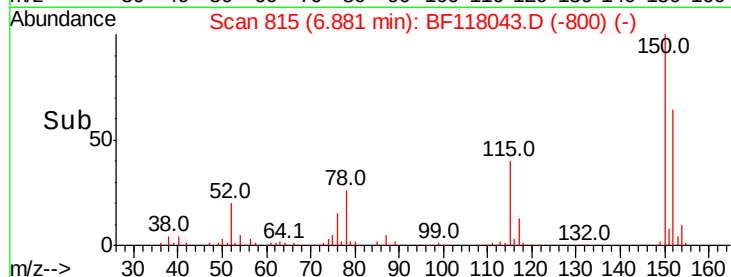
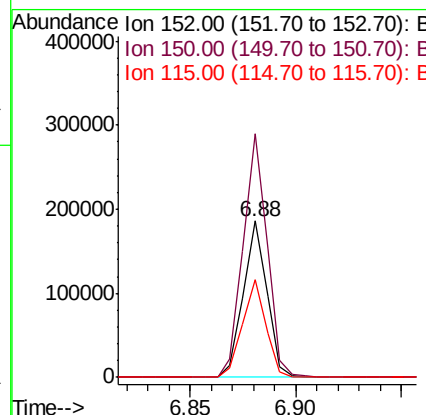
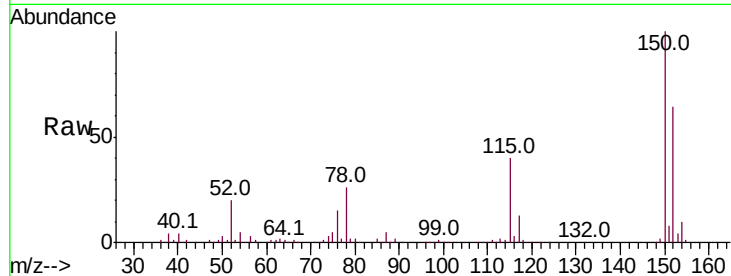
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF118043.D
Acq: 27 Nov 2019 16:20

Instrument :
BNA_F
ClientSampleId :
33RD-ST-7TH-AVE-EAST-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.3	187.9
115	62.7	47.0	70.4

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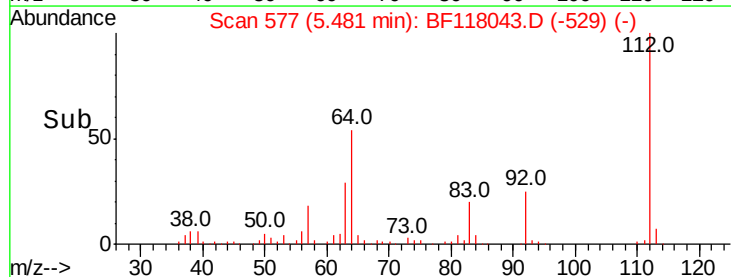
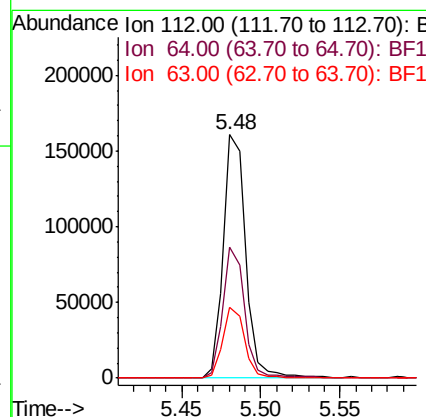
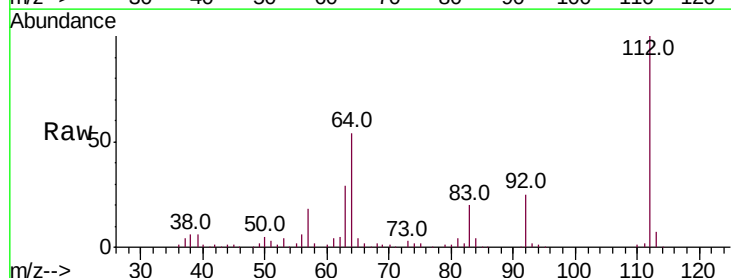
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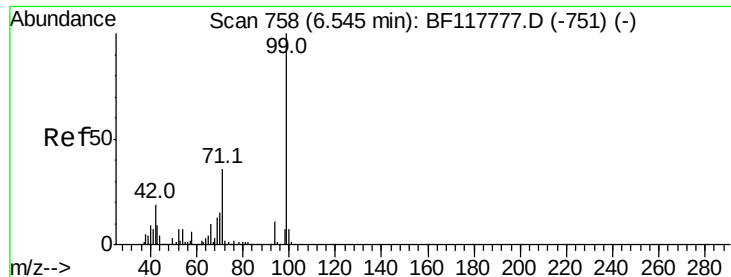


#5

2-Fluorophenol
Concen: 19.494 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.02 min
Lab File: BF118043.D
Acq: 27 Nov 2019 16:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	45.6	68.4
63	29.1	24.1	36.1





#7

Phenol-d6

Concen: 23.387 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF118043.D

Acq: 27 Nov 2019 16:20

Instrument :

BNA_F

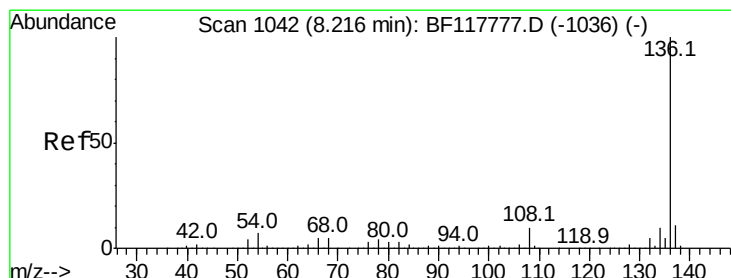
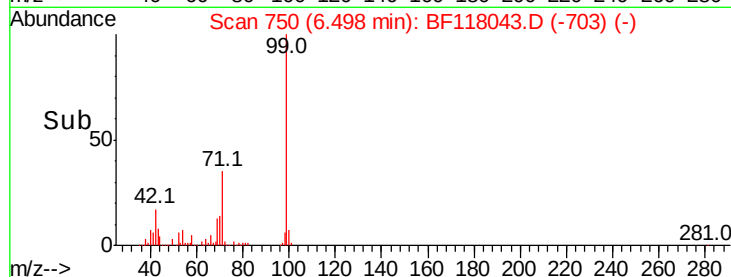
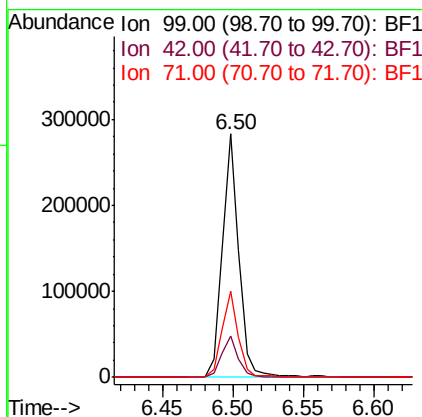
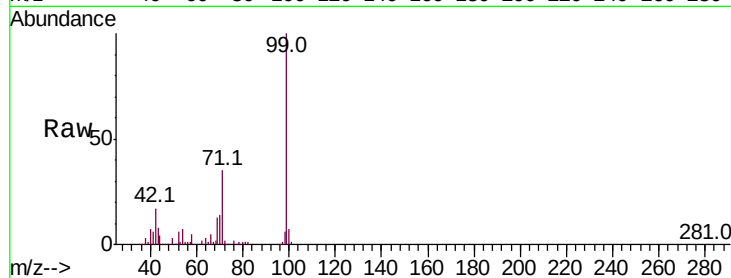
ClientSampleId :

33RD-ST-7TH-AVE-EAST-COMP

Tot Ion:	99	Resp:	230071
Ion Ratio	Lower	Upper	
99	100		
42	17.2	14.9	22.3
71	35.3	28.6	43.0

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#21

Naphthalene-d8

Concen: 20.000 ng

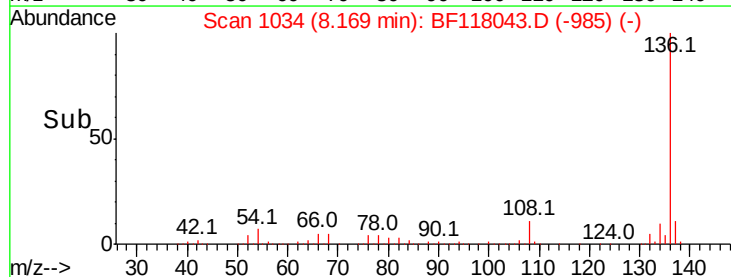
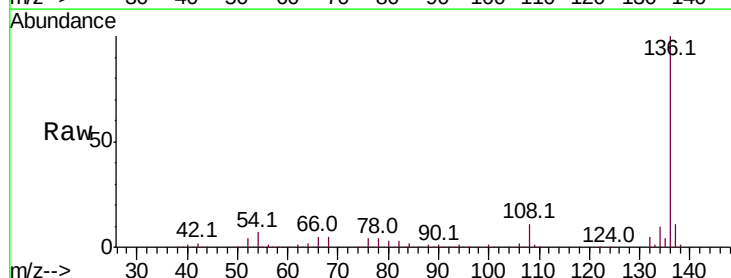
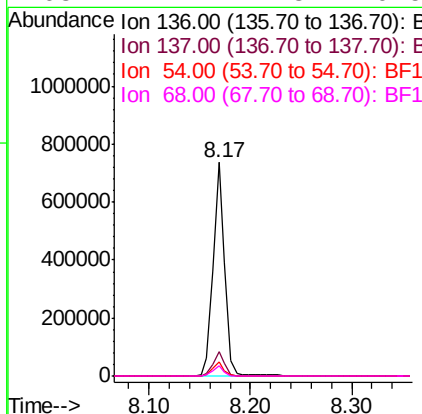
RT: 8.17 min Scan# 1034

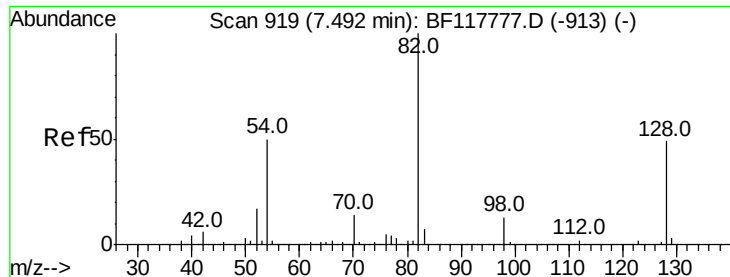
Delta R.T. -0.01 min

Lab File: BF118043.D

Acq: 27 Nov 2019 16:20

Tgt Ion:	136	Resp:	586551
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.4
54	6.7	5.4	8.2
68	4.7	4.3	6.5





#23

Nitrobenzene-d5

Concen: 14.223 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF118043.D

Acq: 27 Nov 2019 16:20

Instrument :

BNA_F

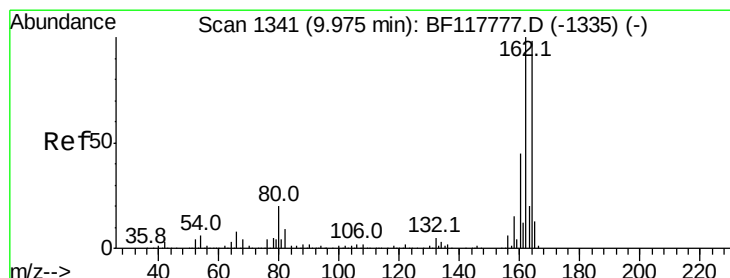
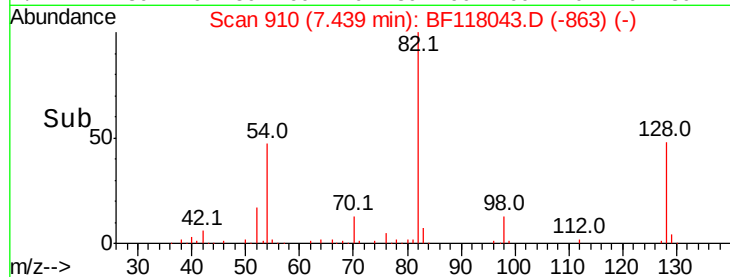
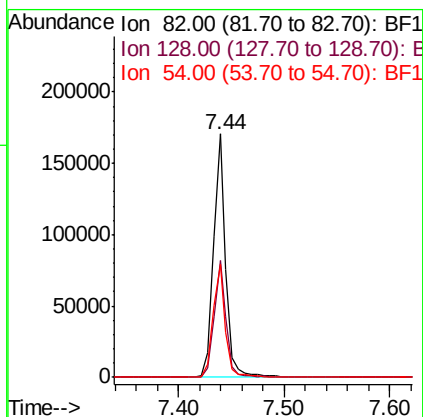
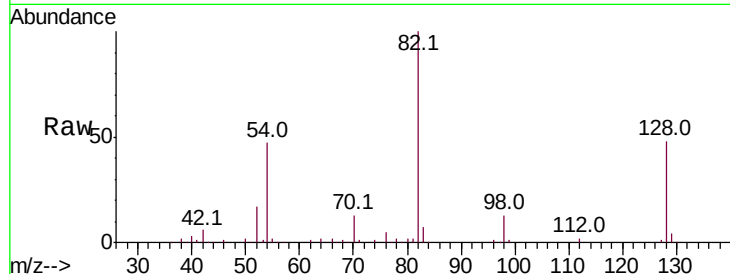
ClientSampleId :

33RD-ST-7TH-AVE-EAST-COMP

Tot Ion:	82	Resp:	140334
Ion Ratio	Lower	Upper	
82	100		
128	47.9	38.9	58.3
54	46.6	39.8	59.6

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#39

Acenaphthene-d10

Concen: 20.000 ng

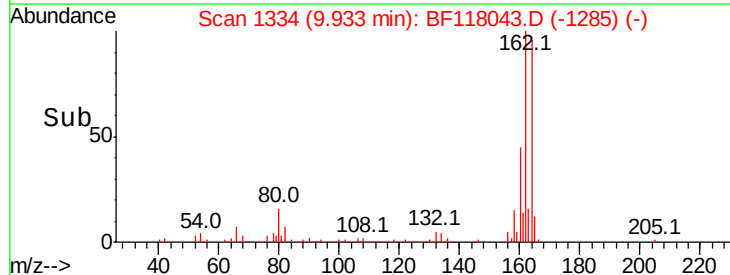
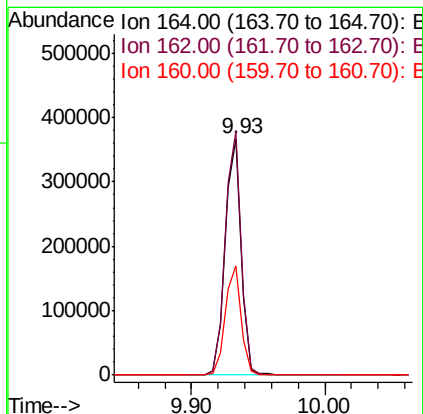
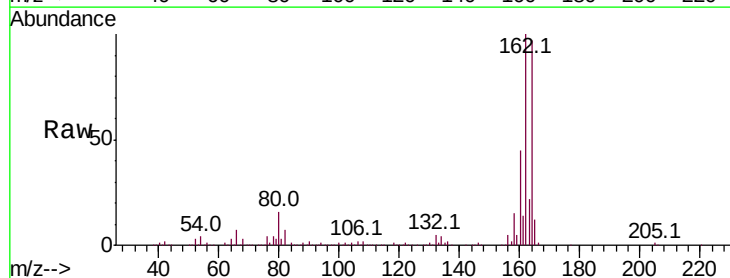
RT: 9.93 min Scan# 1334

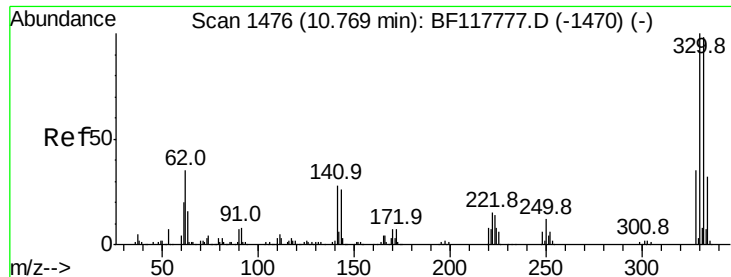
Delta R.T. -0.01 min

Lab File: BF118043.D

Acq: 27 Nov 2019 16:20

Tgt Ion:	164	Resp:	311036
Ion Ratio	Lower	Upper	
164	100		
162	103.2	81.3	121.9
160	46.2	36.6	55.0





#42

2,4,6-Tribromophenol

Concen: 11.700 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.02 min

Lab File: BF118043.D

Acq: 27 Nov 2019 16:20

Instrument :

BNA_F

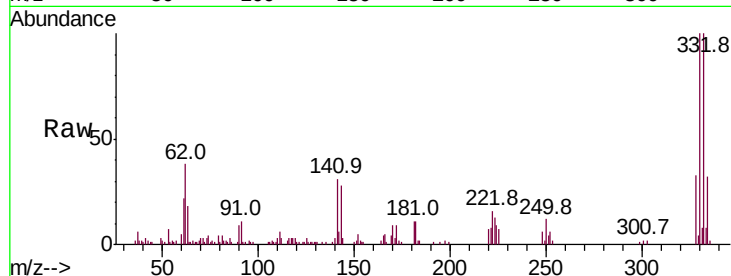
ClientSampleId :

33RD-ST-7TH-AVE-EAST-COMP

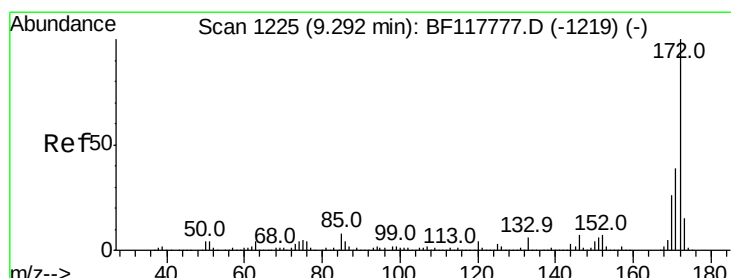
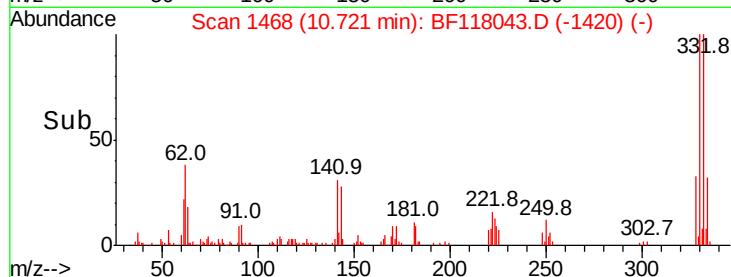
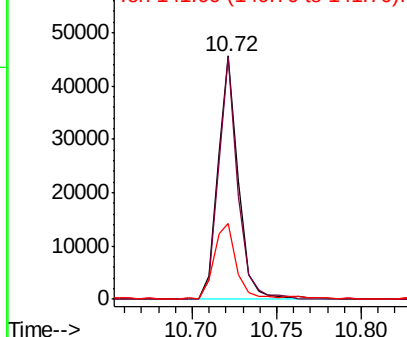
Tot Ion:	330	Resp:	38528
Ion Ratio	Lower	Upper	
330	100		
332	94.2	76.7	115.1
141	34.4	27.7	41.5

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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: 18.261 ng

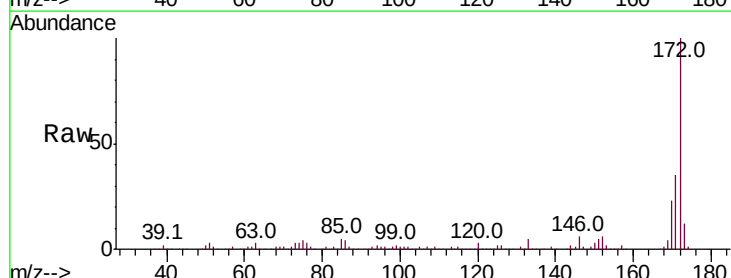
RT: 9.25 min Scan# 1217

Delta R.T. -0.02 min

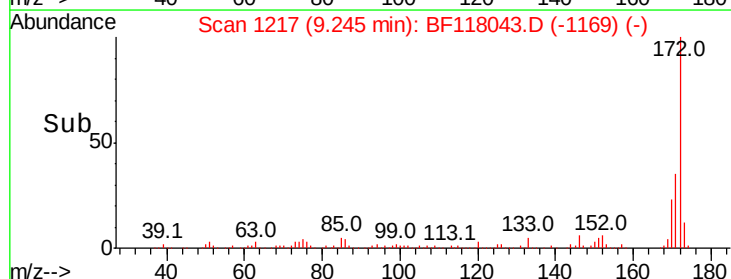
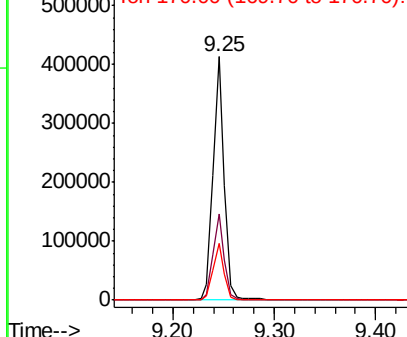
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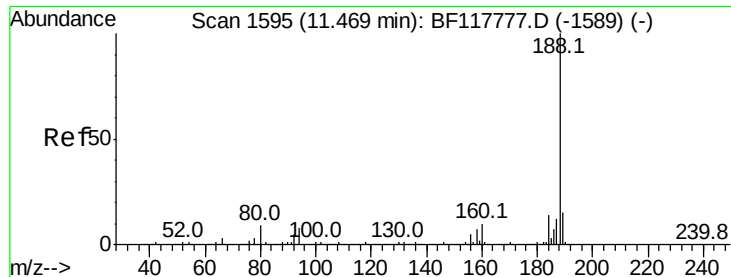
Acq: 27 Nov 2019 16:20

Tgt Ion:	172	Resp:	316588
Ion Ratio	Lower	Upper	
172	100		
171	35.3	30.9	46.3
170	23.2	21.0	31.4



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





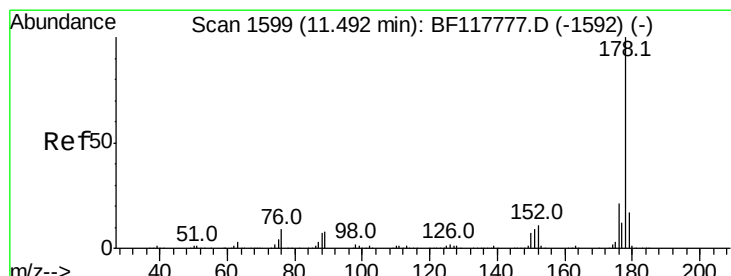
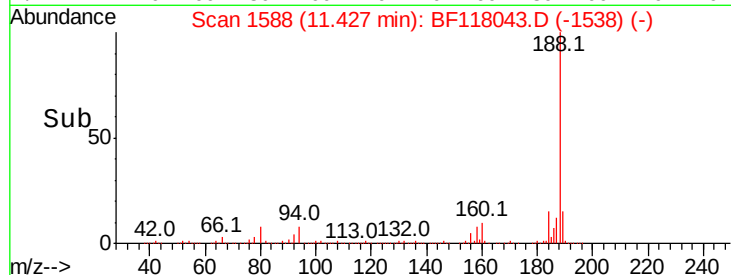
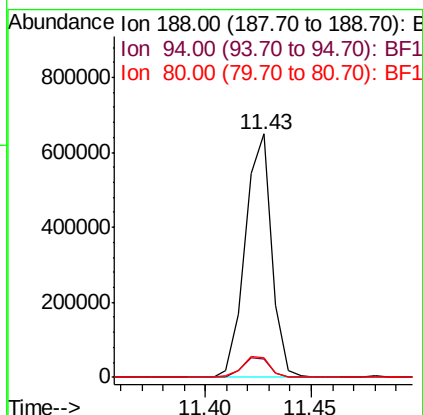
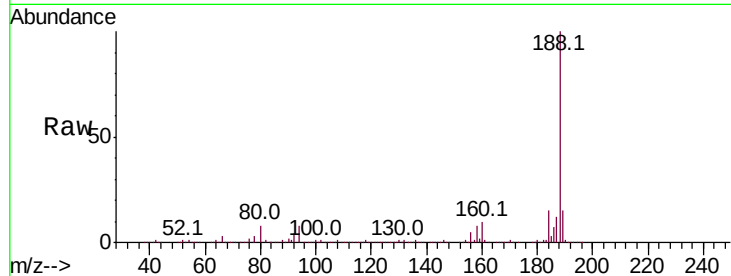
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF118043.D
Acq: 27 Nov 2019 16:20

Instrument :
BNA_F
ClientSampleId :
33RD-ST-7TH-AVE-EAST-COMP

Tot Ion	Ratio	Resp	Lower	Upper
188	100	564843		
94	7.6		6.6	10.0
80	8.2		7.2	10.8

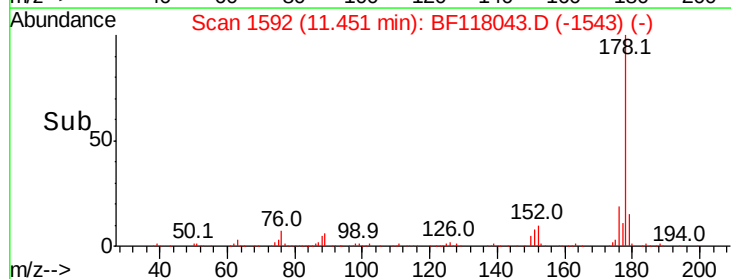
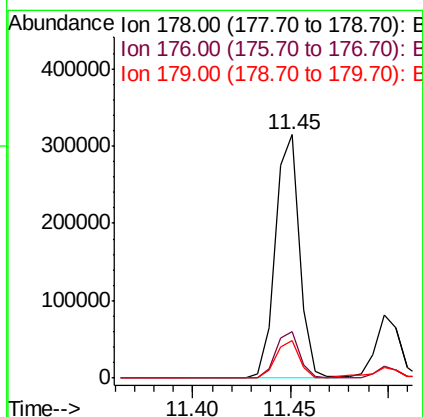
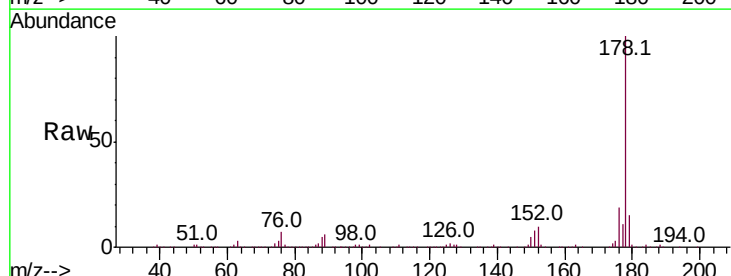
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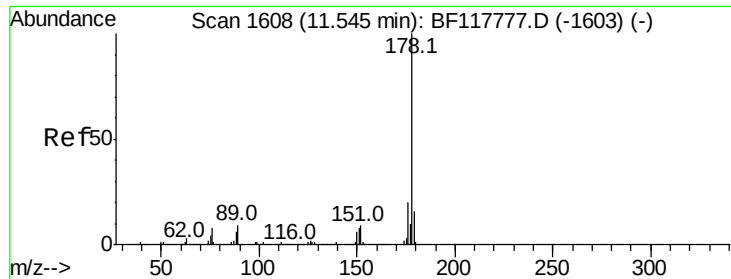
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#71
Phenanthrene
Concen: 9.436 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF118043.D
Acq: 27 Nov 2019 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	267977		
176	19.2		16.6	25.0
179	15.2		13.2	19.8





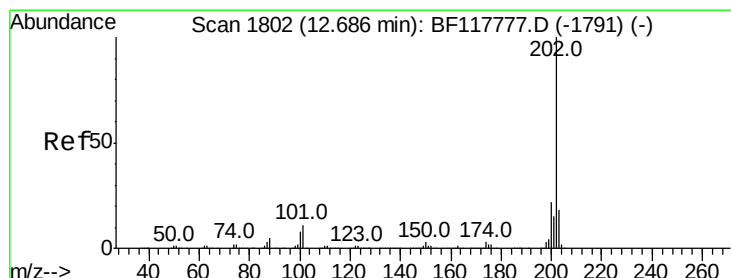
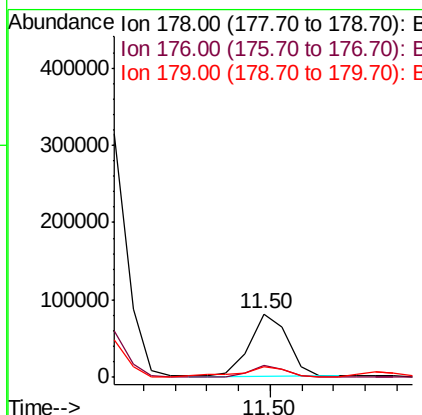
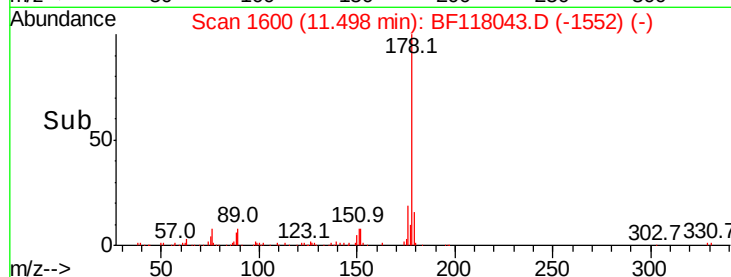
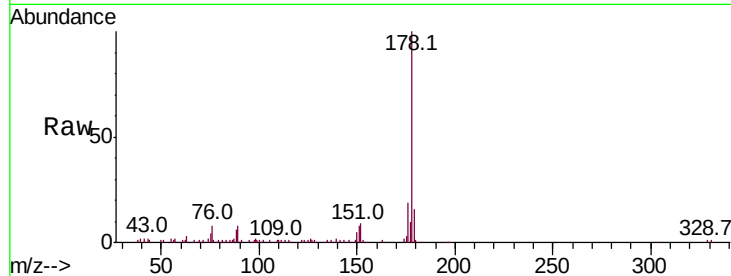
#72
 Anthracene
 Concen: 2.388 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.02 min
 Lab File: BF118043.D
 Acq: 27 Nov 2019 16:20

Instrument :
 BNA_F
 ClientSampleId :
 33RD-ST-7TH-AVE-EAST-COMP

Tot Ion:	178	Resp:	67224
Ion Ratio	Lower	Upper	
178	100		
176	18.9	16.1	24.1
179	15.9	13.0	19.4

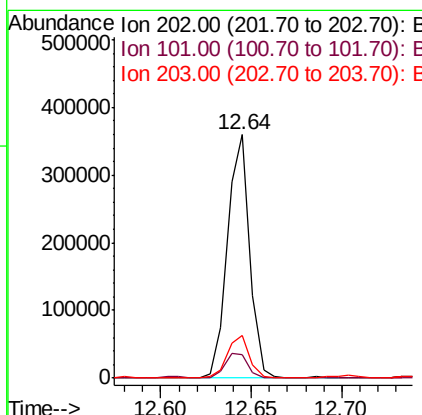
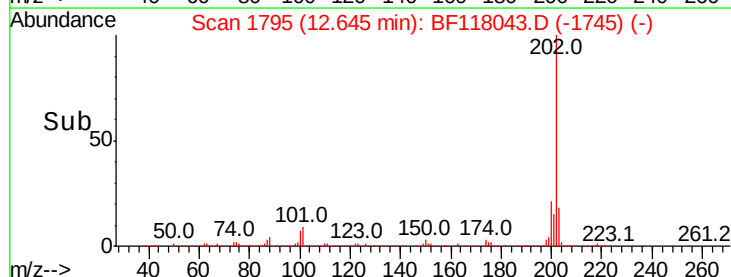
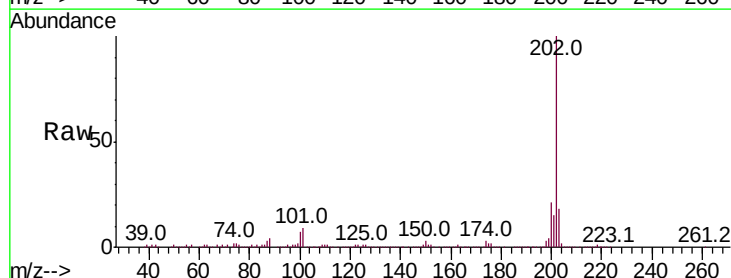
Manual Integrations
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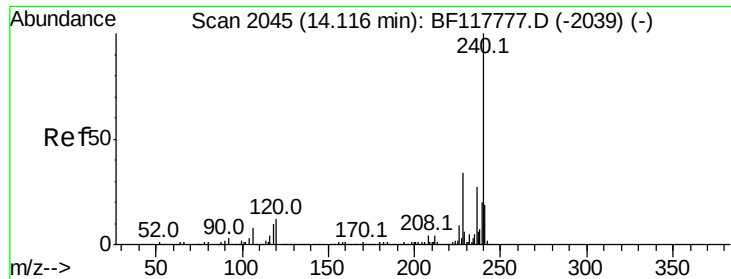
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#75
 Fluoranthene
 Concen: 5.231 ng
 RT: 12.64 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BF118043.D
 Acq: 27 Nov 2019 16:20

Tgt Ion:	202	Resp:	307238
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	31.1
203	17.7	0.0	38.2





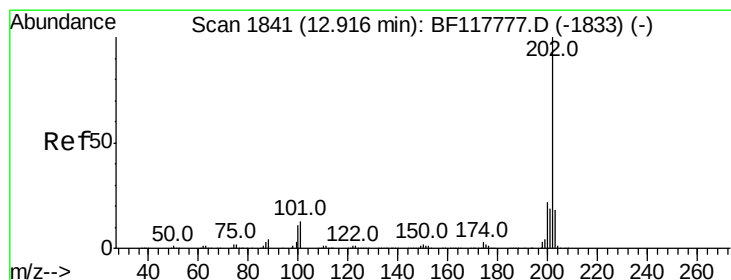
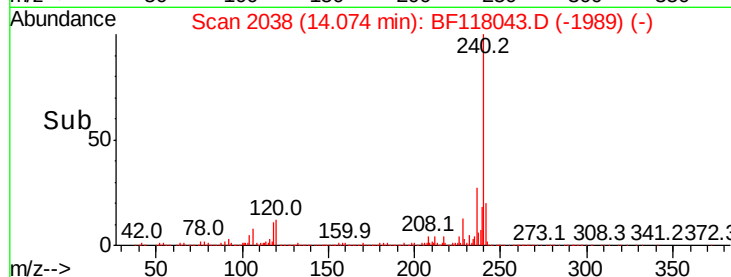
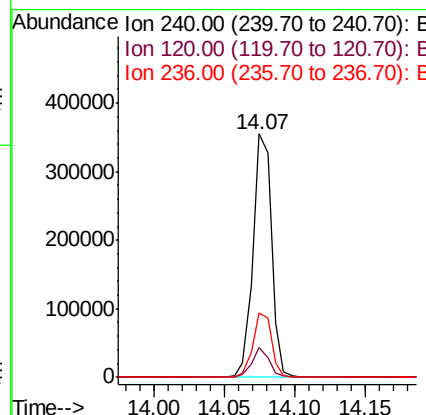
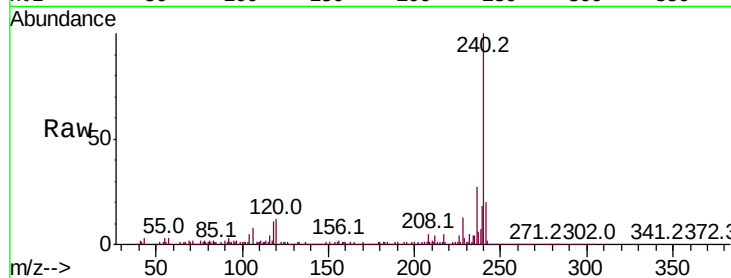
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF118043.D
Acq: 27 Nov 2019 16:20

Instrument :
BNA_F
ClientSampleId :
33RD-ST-7TH-AVE-EAST-COMP

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	12.3	9.5	14.3	
236	26.6	21.3	31.9	

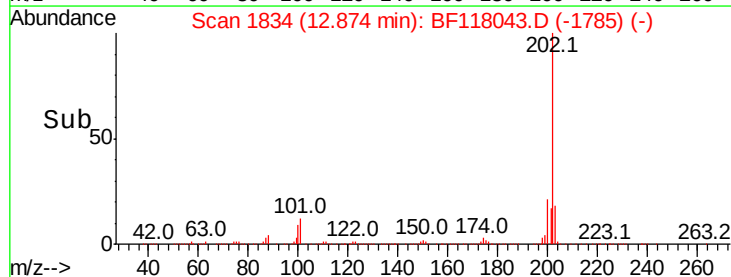
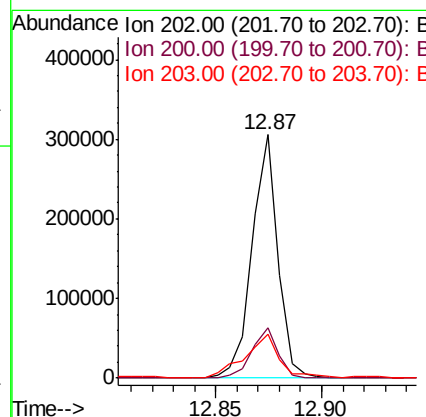
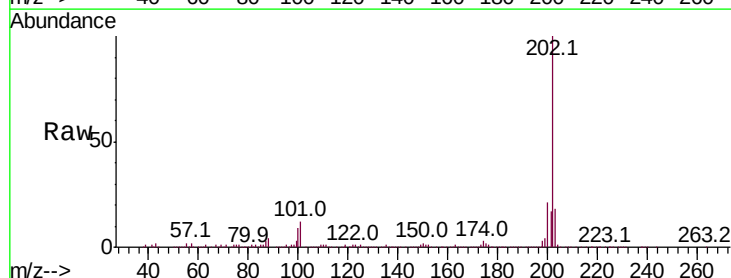
Manual Integrations
APPROVED

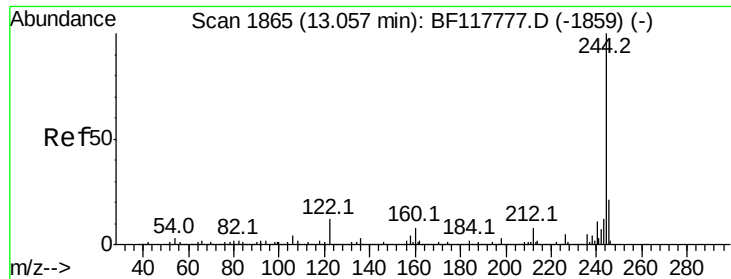
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#78
Pyrene
Concen: 9.798 ng
RT: 12.87 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF118043.D
Acq: 27 Nov 2019 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.8	17.8	26.8	
203	18.0	14.6	22.0	





#79

Terphenyl-d14

Concen: 18.993 ng

RT: 13.02 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BF118043.D

Acq: 27 Nov 2019 16:20

Instrument :

BNA_F

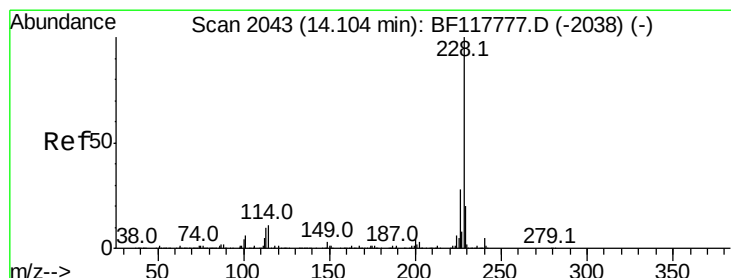
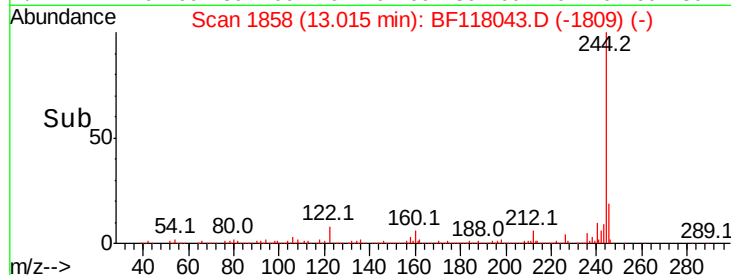
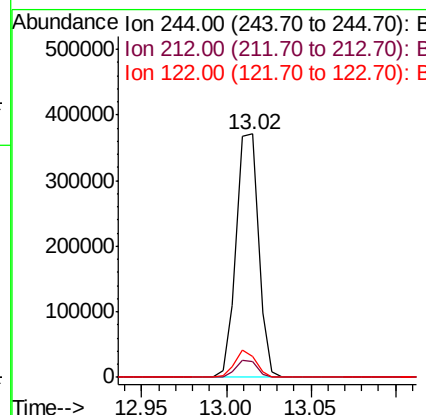
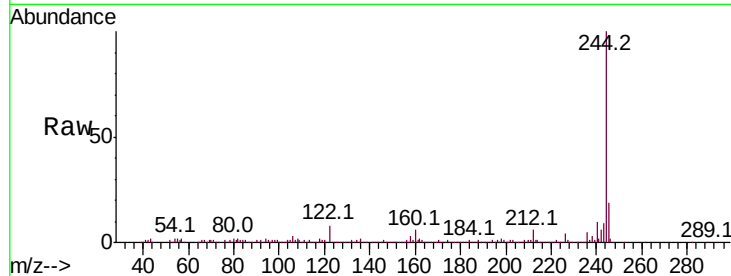
ClientSampleId :

33RD-ST-7TH-AVE-EAST-COMP

Tot Ion:	244	Resp:	343164
Ion Ratio	Lower	Upper	
244	100		
212	6.2	6.3	9.5#
122	8.4	9.4	14.2#

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#81

Benzo(a)anthracene

Concen: 5.062 ng

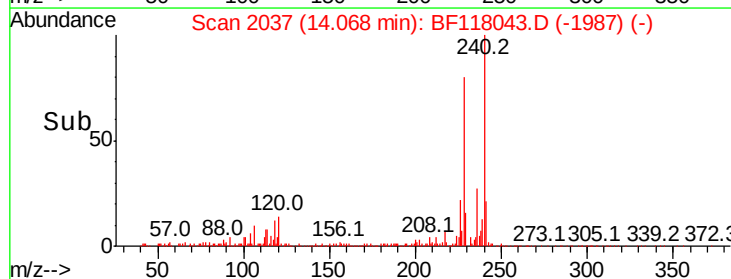
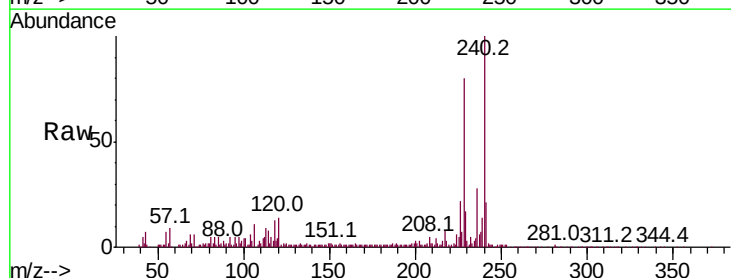
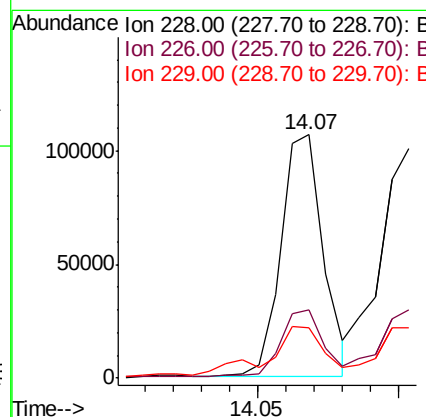
RT: 14.07 min Scan# 2037

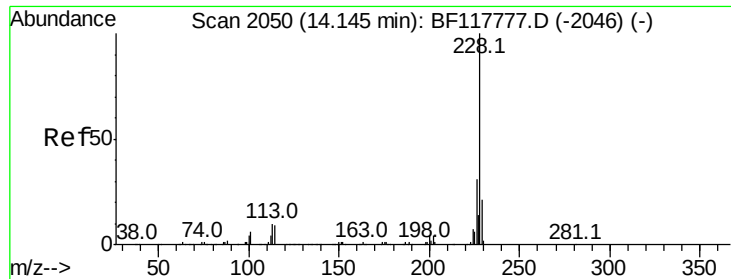
Delta R.T. -0.01 min

Lab File: BF118043.D

Acq: 27 Nov 2019 16:20

Tgt Ion:	228	Resp:	110457
Ion Ratio	Lower	Upper	
228	100		
226	27.9	22.2	33.2
229	20.9	15.9	23.9





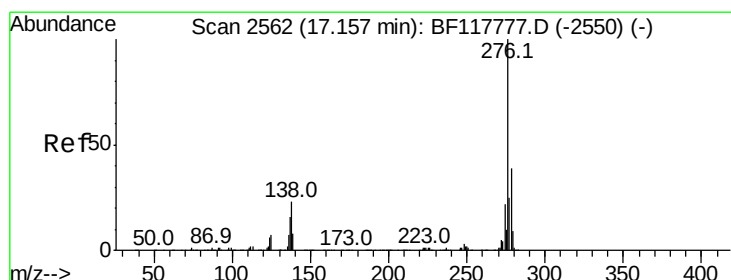
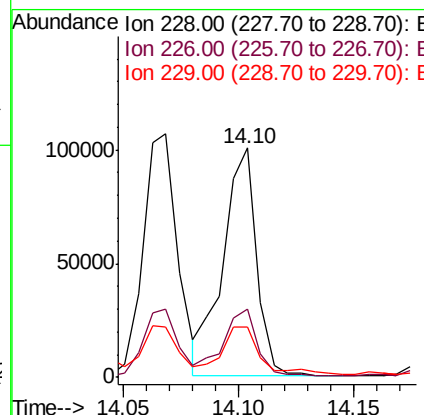
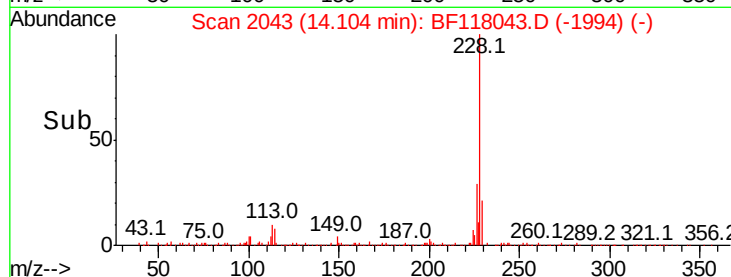
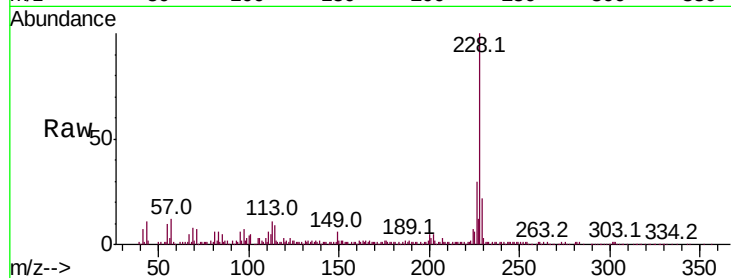
#83
Chrysene
Concen: 4.800 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF118043.D
Acq: 27 Nov 2019 16:20

Instrument :
BNA_F
ClientSampleId :
33RD-ST-7TH-AVE-EAST-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.4
229	21.9	16.6	25.0

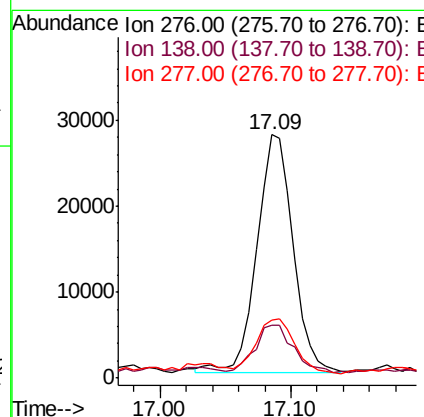
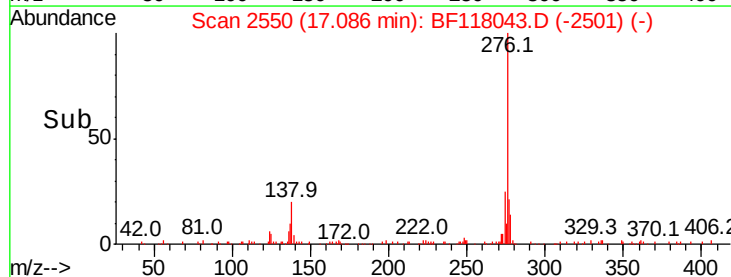
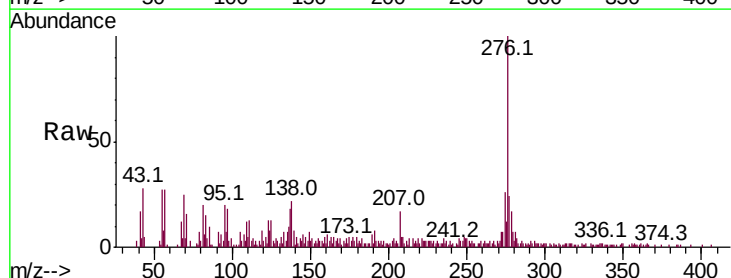
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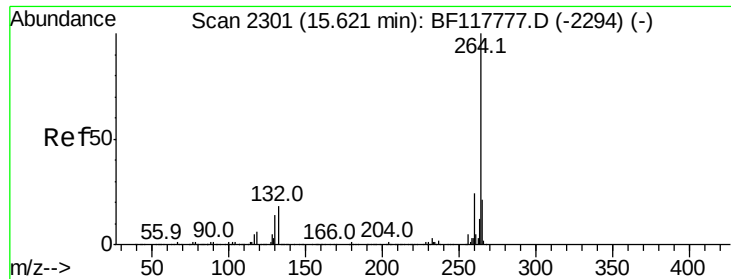
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.964 ng m
RT: 17.09 min Scan# 2550
Delta R.T. -0.01 min
Lab File: BF118043.D
Acq: 27 Nov 2019 16:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	4.2	20.9	31.3#
277	3.7	20.3	30.5#





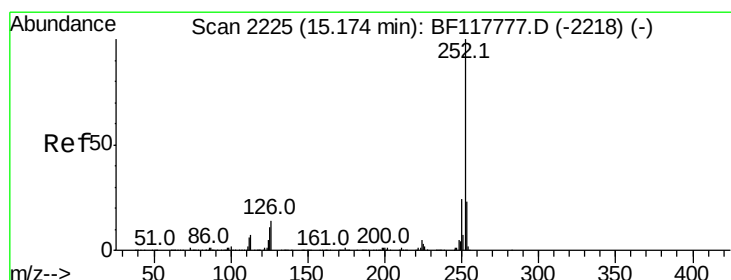
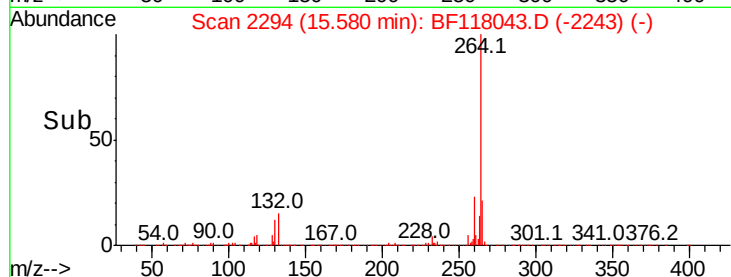
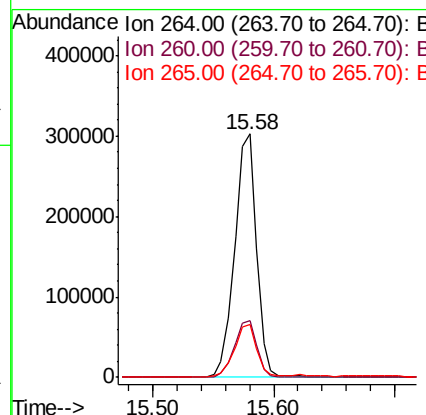
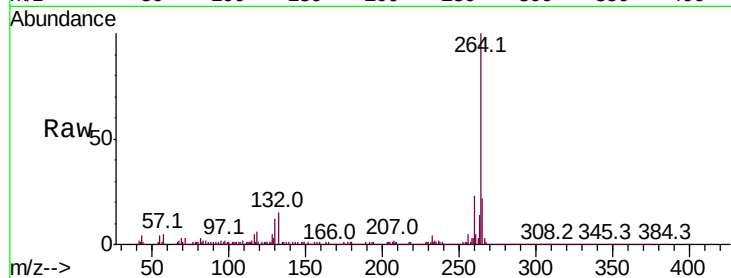
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BF118043.D
Acq: 27 Nov 2019 16:20

Instrument :
BNA_F
ClientSampleId :
33RD-ST-7TH-AVE-EAST-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	21.6	17.1	25.7

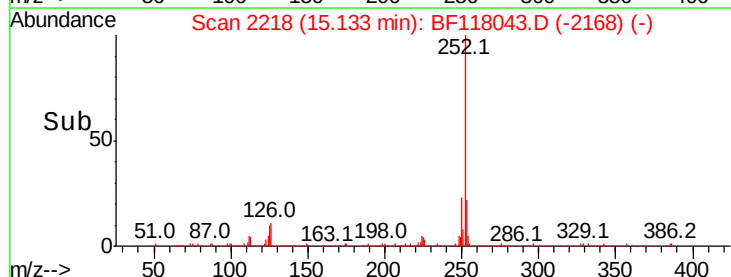
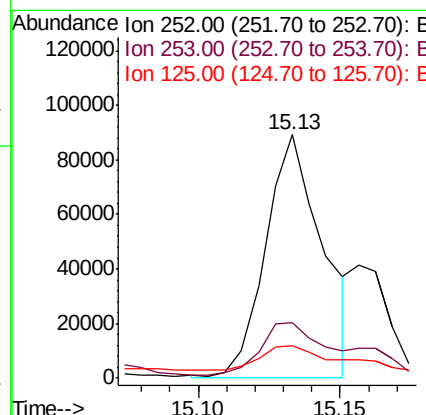
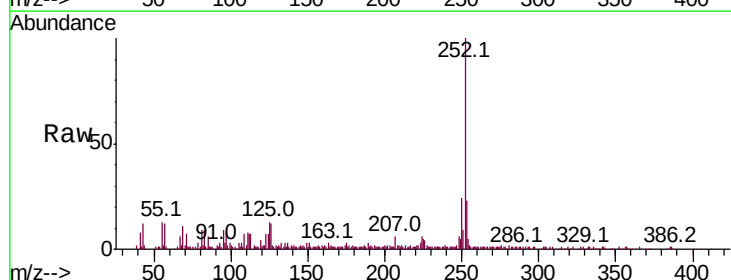
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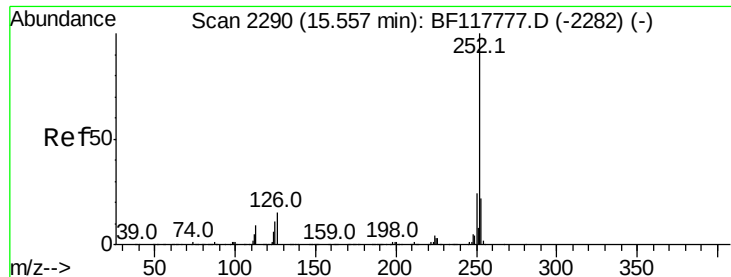
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#88
Benzo(b)fluoranthene
Concen: 5.035 ng m
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF118043.D
Acq: 27 Nov 2019 16:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	13.5	8.6	13.0





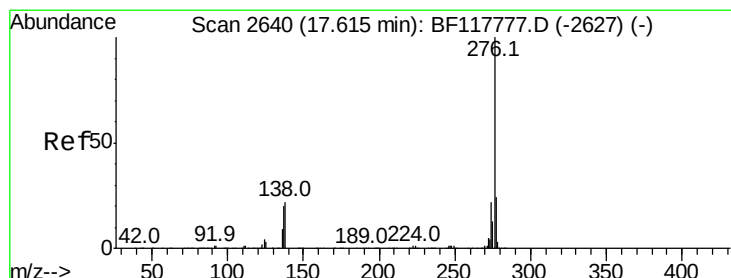
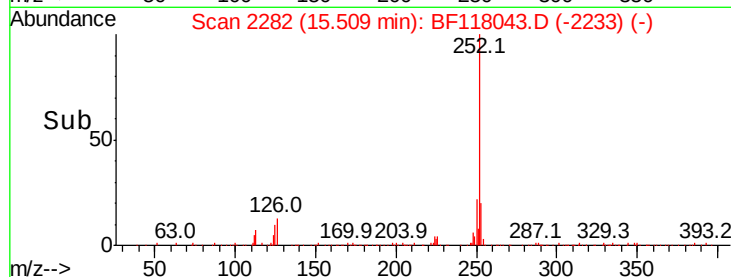
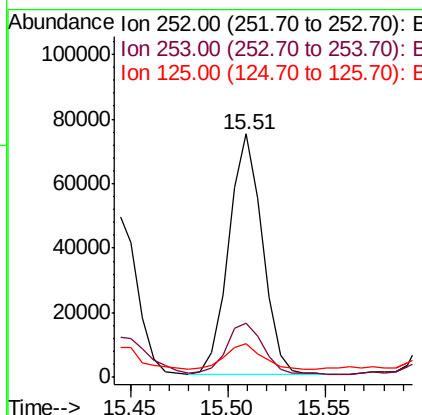
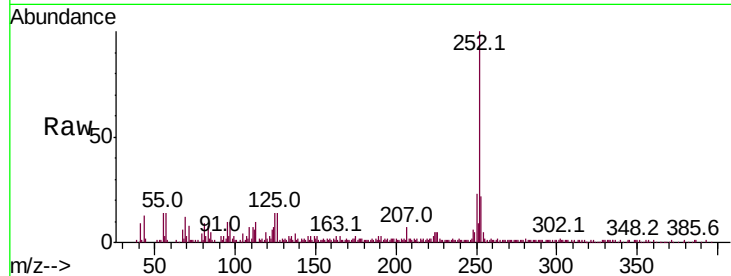
#90
Benzo(a)pyrene
Concen: 4.075 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF118043.D
Acq: 27 Nov 2019 16:20

Instrument :
BNA_F
ClientSampleId :
33RD-ST-7TH-AVE-EAST-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	13.7	9.2	13.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.571 ng
RT: 17.54 min Scan# 2628
Delta R.T. -0.01 min
Lab File: BF118043.D
Acq: 27 Nov 2019 16:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.9	28.3
138	23.3	17.4	26.2

