

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
 Data File : BF118050.D
 Acq On : 27 Nov 2019 19:32
 Operator : JU
 Sample : K5977-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WS-112119-2-5-COMP-B6

Manual Integrations
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mohammad
 11/29/2019 8:53:50 AM

Quant Time: Nov 28 01:06:17 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	136944	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	509153	20.00	ng	-0.01
39) Acenaphthene-d10	9.93	164	245249	20.00	ng	-0.01
64) Phenanthrene-d10	11.43	188	390291	20.00	ng	0.00
76) Chrysene-d12	14.08	240	312541	20.00	ng	0.00
87) Perylene-d12	15.59	264	301585	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	746102	96.44	ng	0.00
7) Phenol-d6	6.51	99	929329	99.59	ng	-0.01
23) Nitrobenzene-d5	7.45	82	560480	65.44	ng	-0.02
42) 2,4,6-Tribromophenol	10.73	330	240332	92.56	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	1090743	79.79	ng	-0.01
79) Terphenyl-d14	13.02	244	1025173	59.95	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	9.64	163	211073	12.273	ng	99
71) Phenanthrene	11.45	178	341982	17.428	ng	97
72) Anthracene	11.50	178	90177	4.635	ng	97
75) Fluoranthene	12.65	202	584128	30.218	ng	97
78) Pyrene	12.88	202	558927	22.129	ng	98
81) Benzo(a)anthracene	14.07	228	308190	14.922	ng	97
83) Chrysene	14.11	228	277640	13.873	ng	97
86) Indeno(1,2,3-cd)pyrene	17.10	276	98425	5.779	ng	94
88) Benzo(b)fluoranthene	15.14	252	347908m	17.756	ng	
89) Benzo(k)fluoranthene	15.17	252	94488m	5.118	ng	
90) Benzo(a)pyrene	15.52	252	229395	13.314	ng	99
92) Benzo(a,h,i)perylene	17.56	276	94213	6.378	ng	96

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

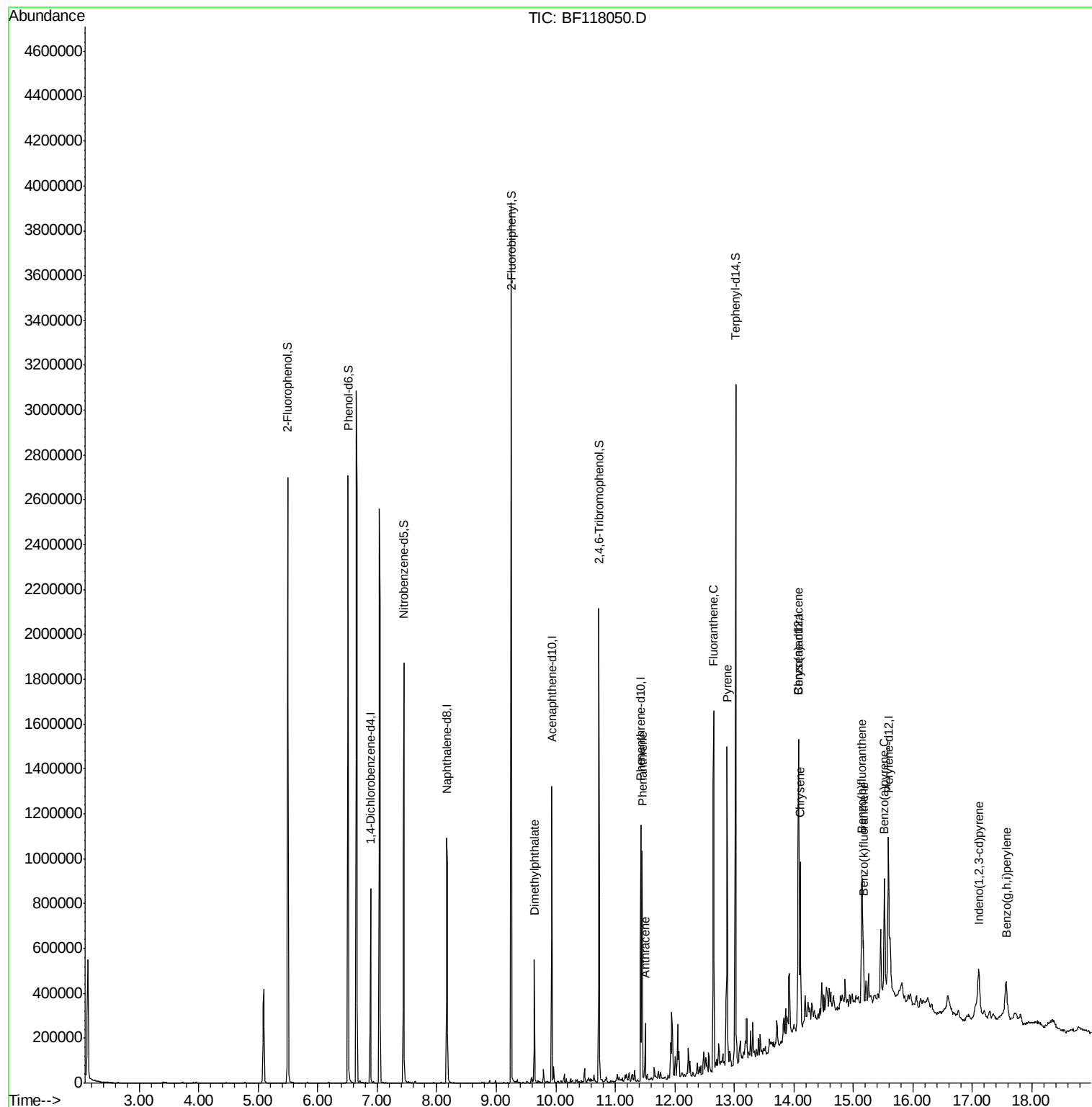
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112719\
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Sample : K5977-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

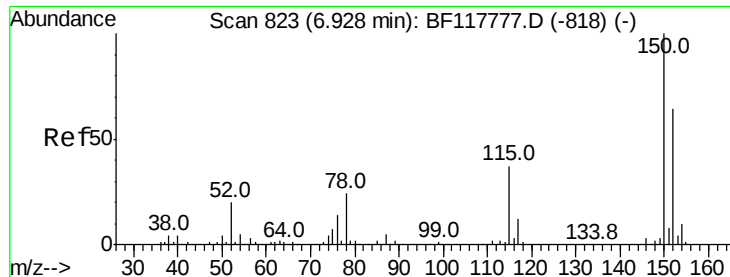
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

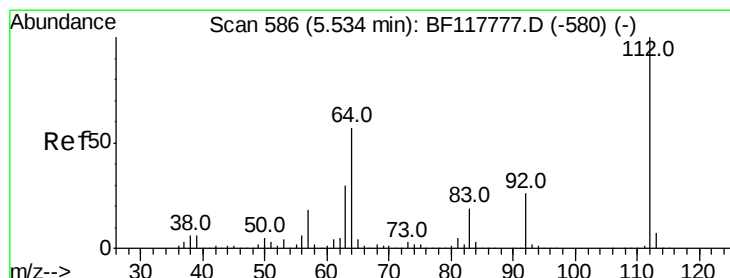
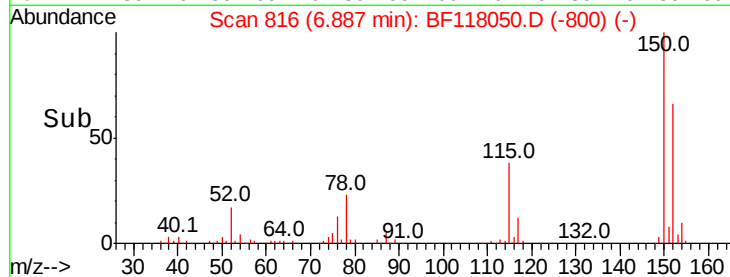
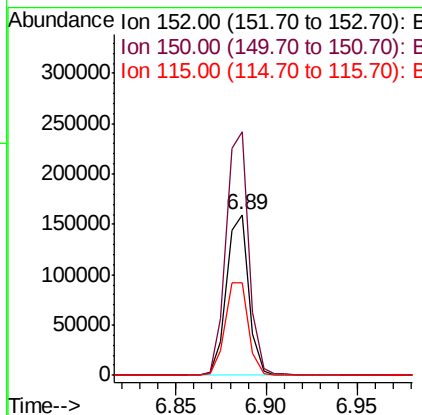
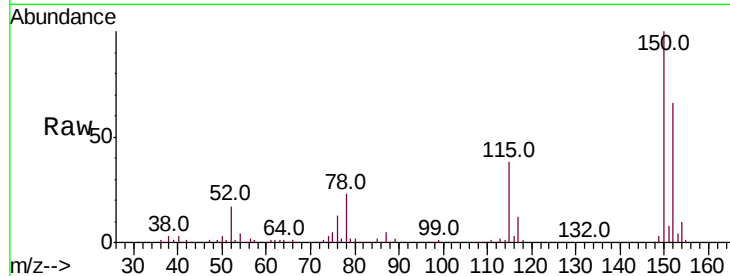
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF118050.D
Acq: 27 Nov 2019 19:32

Instrument :
BNA_F
ClientSampleId :
WS-112119-2-5-COMP-B6

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.3	125.3	187.9
115	57.7	47.0	70.4

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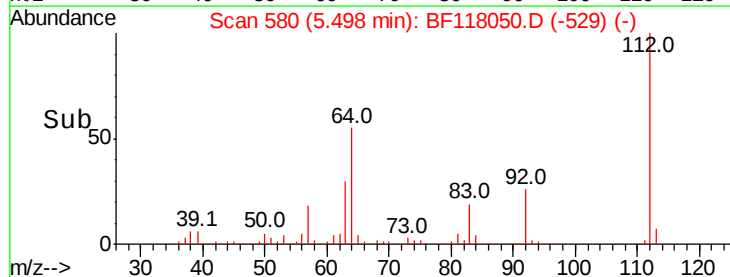
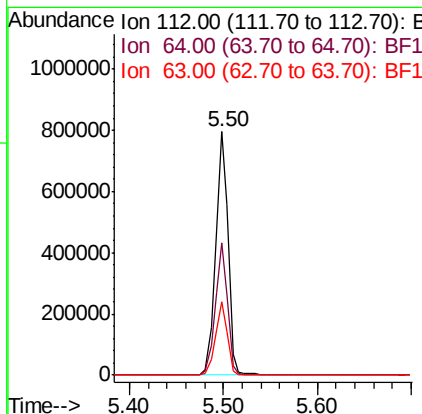
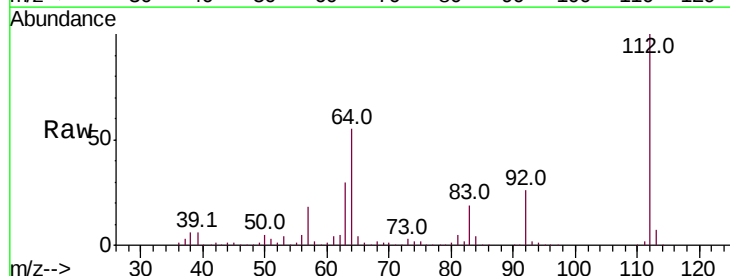
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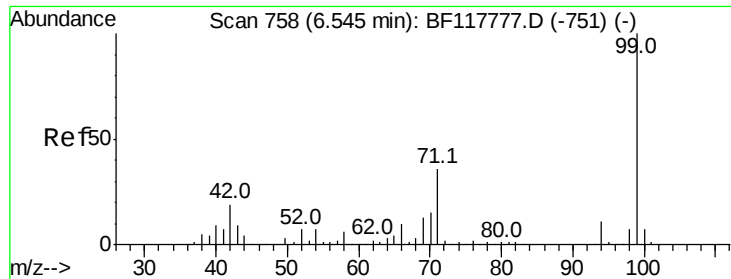


#5

2-Fluorophenol
Concen: 96.439 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF118050.D
Acq: 27 Nov 2019 19:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	45.6	68.4
63	30.1	24.1	36.1





#7

Phenol-d6

Concen: 99.591 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118050.D

Acq: 27 Nov 2019 19:32

Instrument :

BNA_F

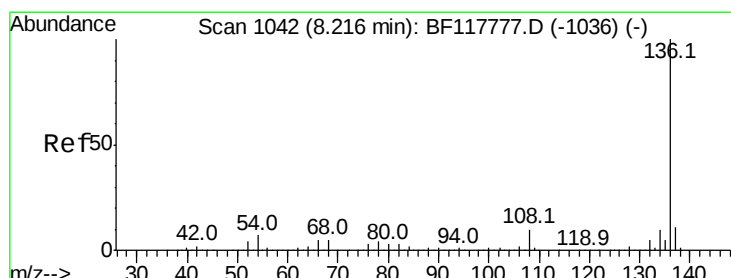
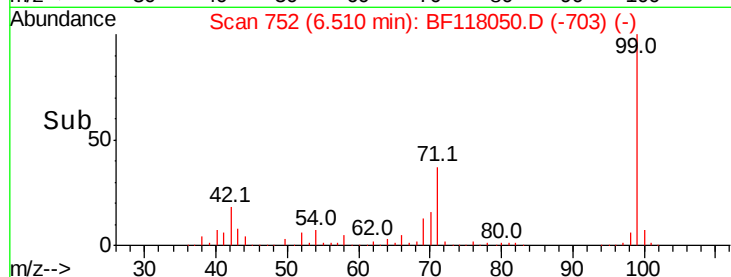
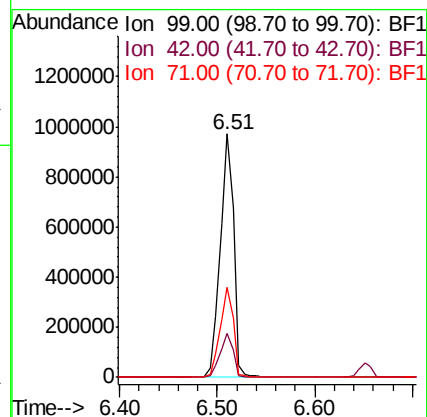
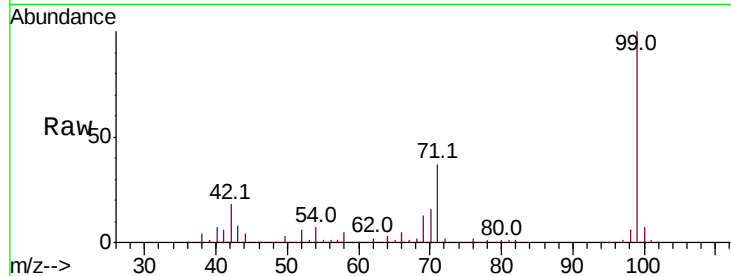
ClientSampleId :

WS-112119-2-5-COMP-B6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		929329		
42	17.9	14.9	22.3		
71	37.2	28.6	43.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

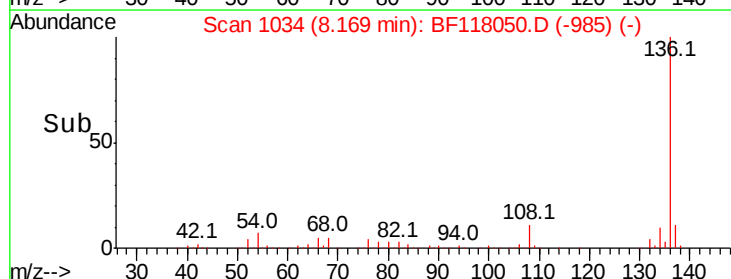
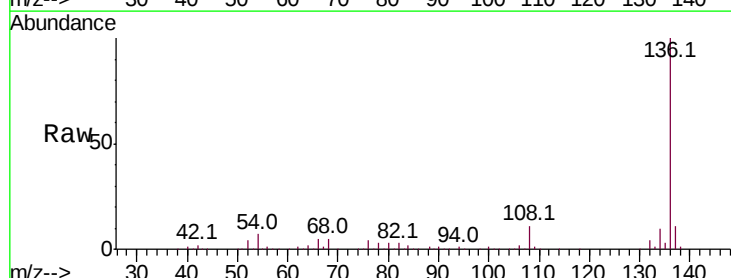
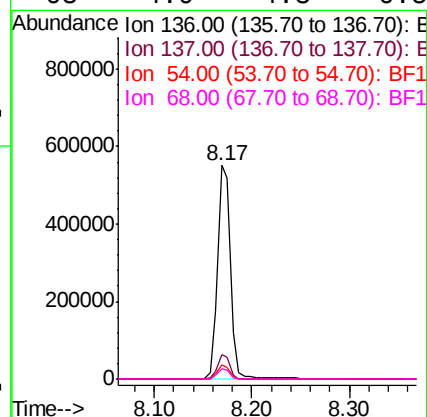
RT: 8.17 min Scan# 1034

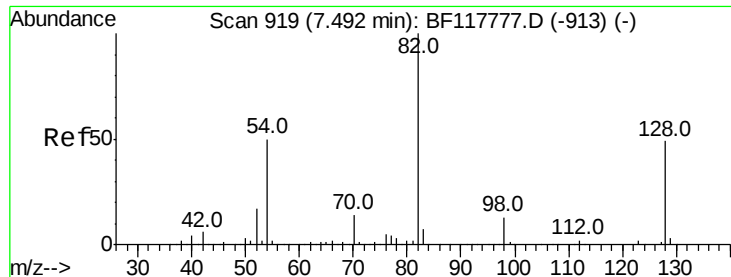
Delta R.T. -0.01 min

Lab File: BF118050.D

Acq: 27 Nov 2019 19:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		509153		
137	11.3	9.0	13.4		
54	6.9	5.4	8.2		
68	4.9	4.3	6.5		





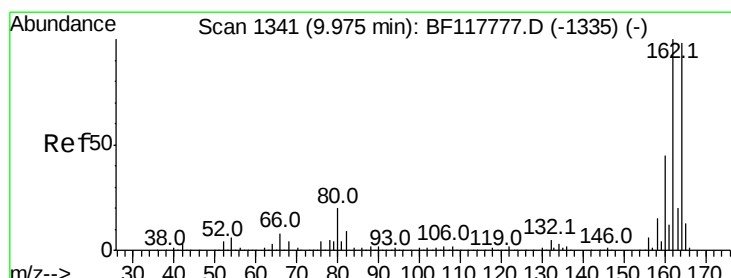
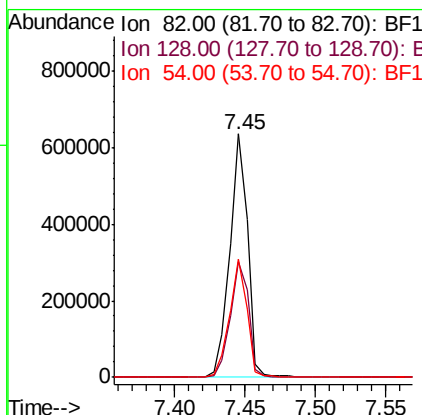
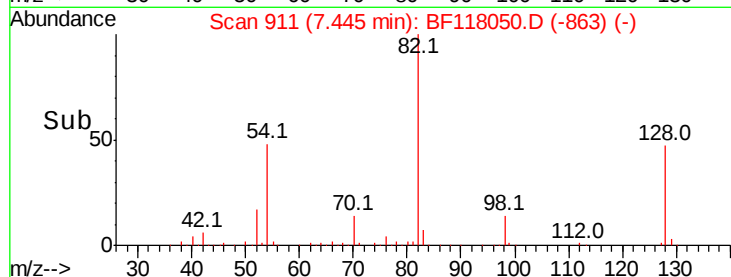
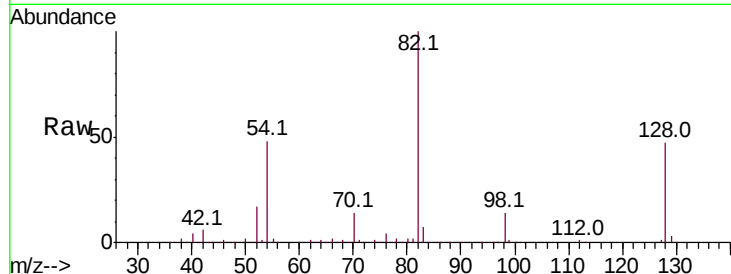
#23
Nitrobenzene-d5
Concen: 65.439 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.02 min
Lab File: BF118050.D
Acq: 27 Nov 2019 19:32

Instrument :
BNA_F
ClientSampleId :
WS-112119-2-5-COMP-B6

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.4	38.9	58.3
54	48.4	39.8	59.6

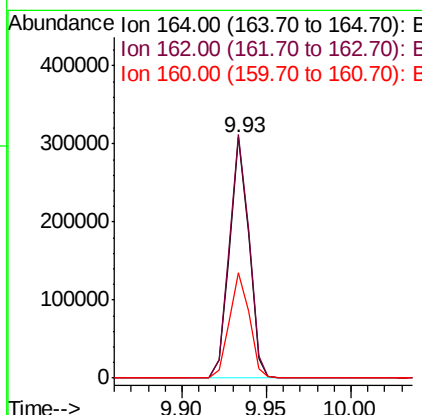
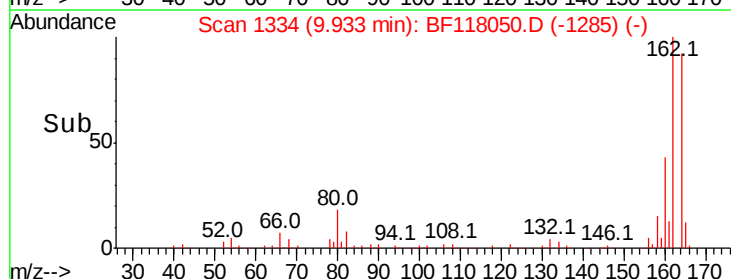
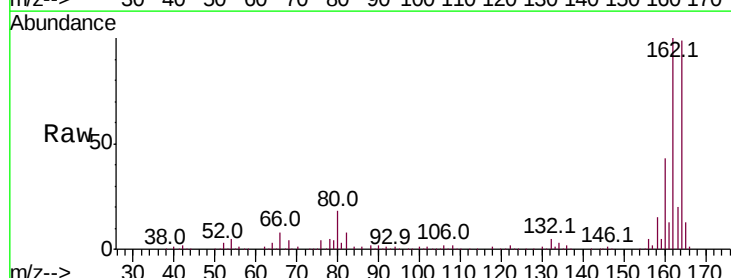
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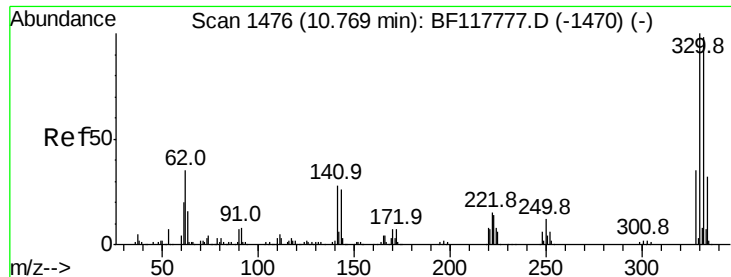
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF118050.D
Acq: 27 Nov 2019 19:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.3	121.9
160	43.9	36.6	55.0





#42

2,4,6-Tribromophenol

Concen: 92.563 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BF118050.D

Acq: 27 Nov 2019 19:32

Instrument :

BNA_F

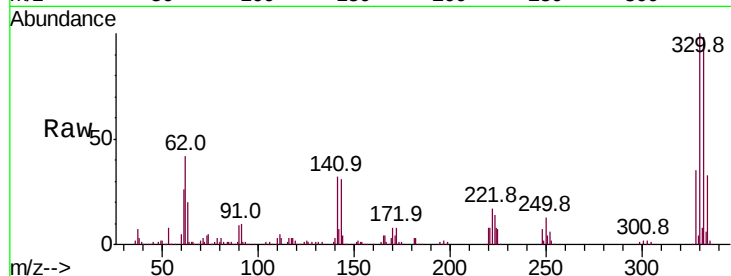
ClientSampleId :

WS-112119-2-5-COMP-B6

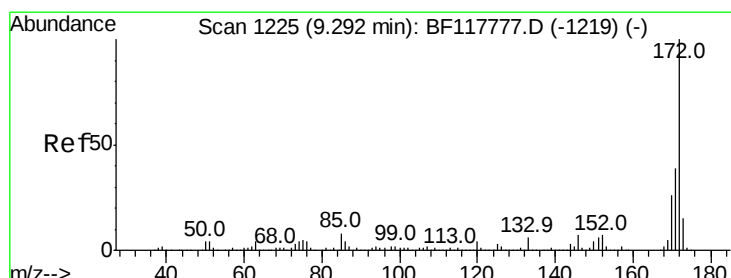
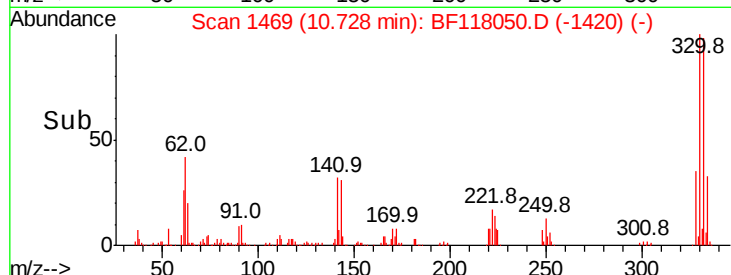
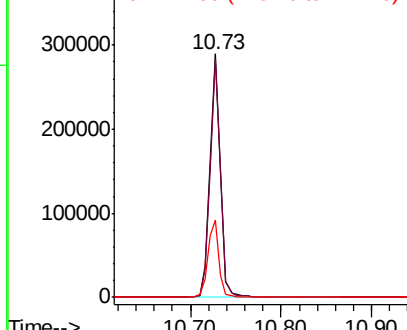
Tot Ion:	330	Resp:	240332
Ion Ratio	Lower	Upper	
330	100		
332	96.6	76.7	115.1
141	33.5	27.7	41.5

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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: 79.790 ng

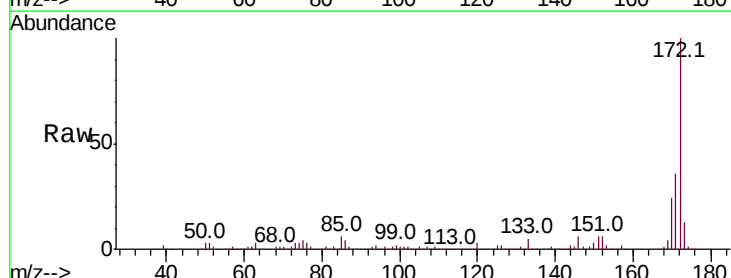
RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

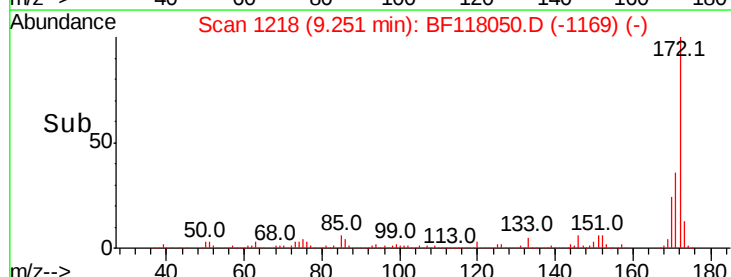
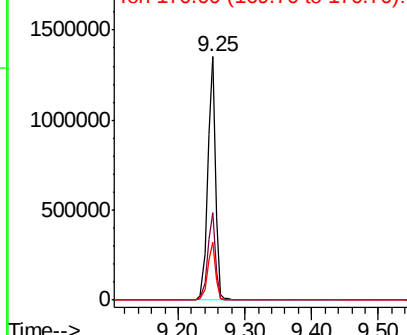
Lab File: BF118050.D

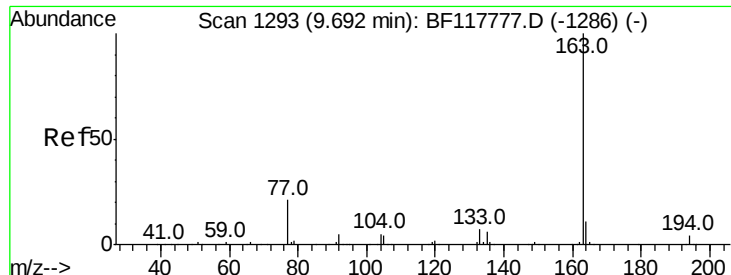
Acq: 27 Nov 2019 19:32

Tgt Ion:	172	Resp:	1090743
Ion Ratio	Lower	Upper	
172	100		
171	36.1	30.9	46.3
170	23.8	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





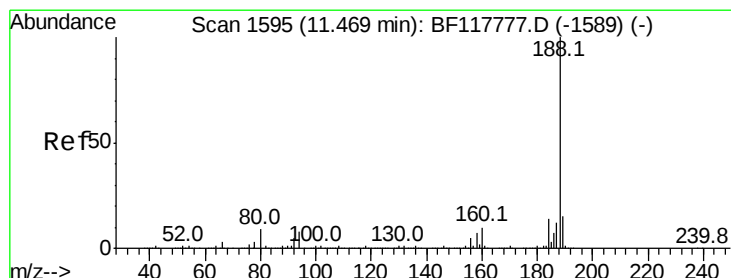
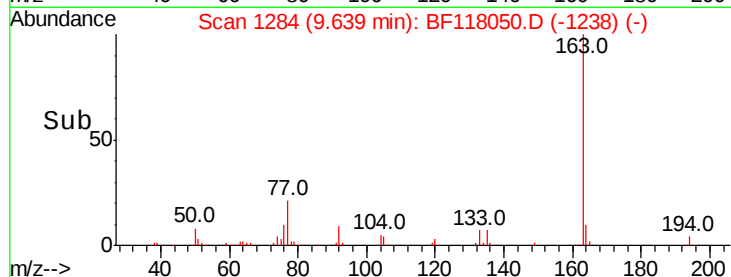
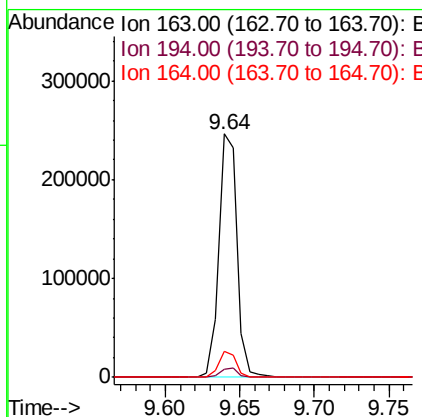
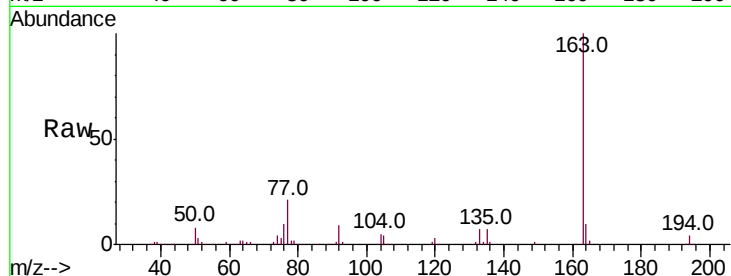
#50
Dimethylphthalate
Concen: 12.273 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.03 min
Lab File: BF118050.D
Acq: 27 Nov 2019 19:32

Instrument :
BNA_F
ClientSampleId :
WS-112119-2-5-COMP-B6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	211073		
194	3.6		3.3	4.9
164	10.4		8.7	13.1

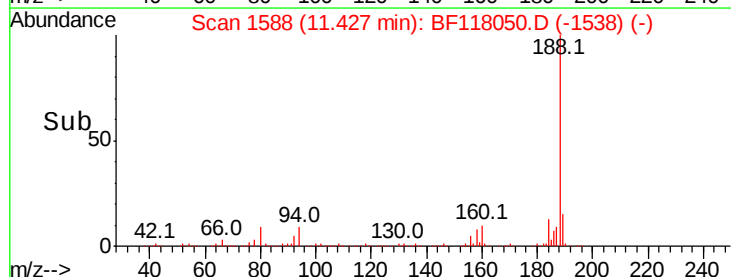
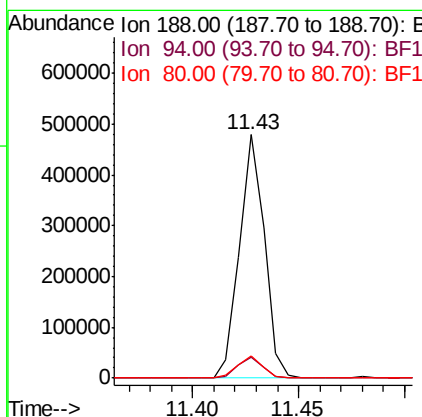
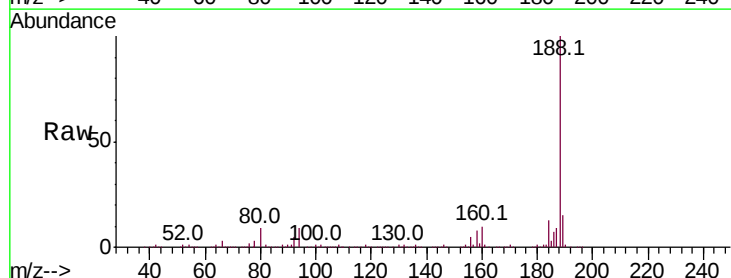
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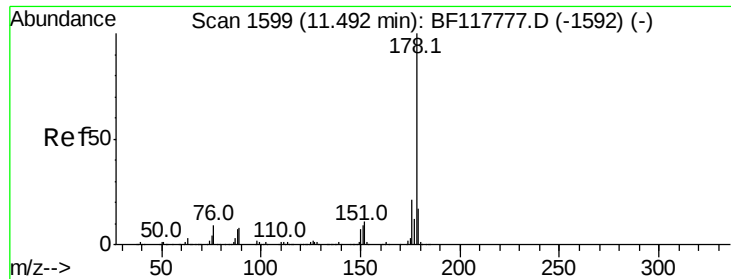
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF118050.D
Acq: 27 Nov 2019 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	390291		
94	8.8		6.6	10.0
80	9.1		7.2	10.8





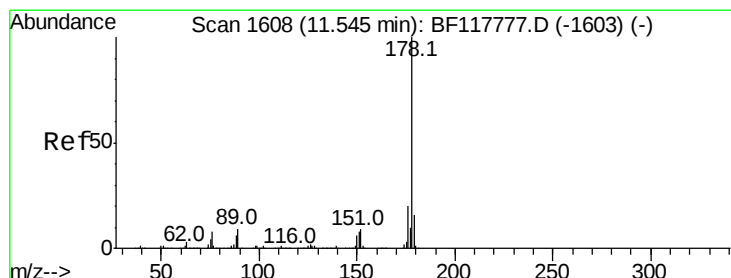
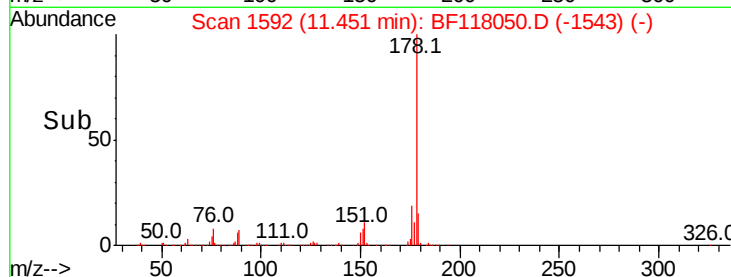
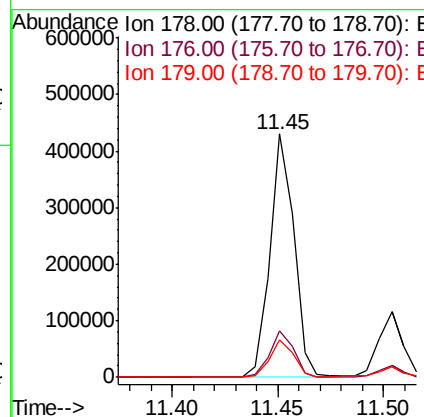
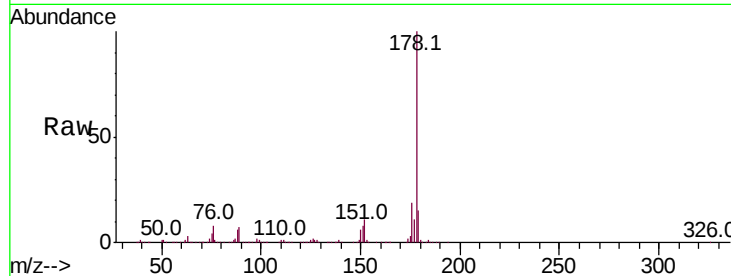
#71
Phenanthrene
Concen: 17.428 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF118050.D
Acq: 27 Nov 2019 19:32

Instrument :
BNA_F
ClientSampleId :
WS-112119-2-5-COMP-B6

Tot Ion	Ratio	Resp	Lower	Upper
178	100	341982		
176	19.2		16.6	25.0
179	15.4		13.2	19.8

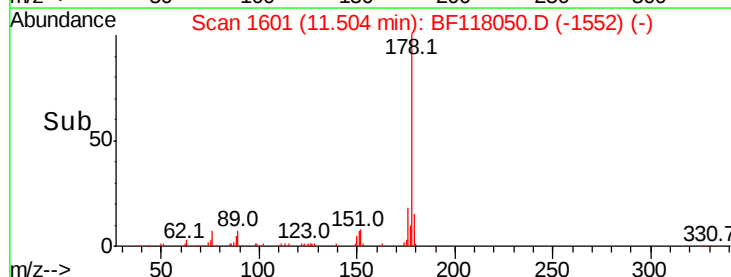
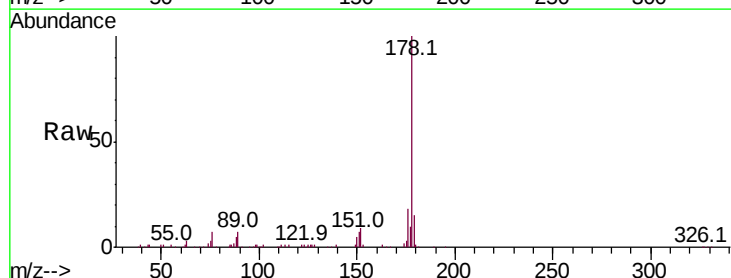
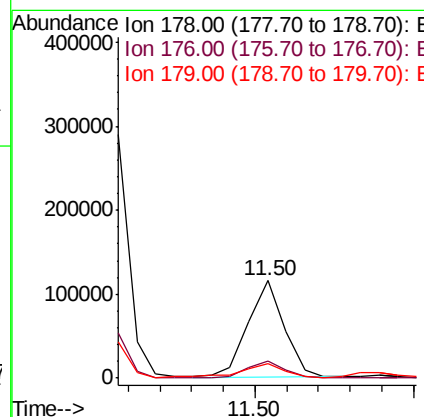
Manual Integrations
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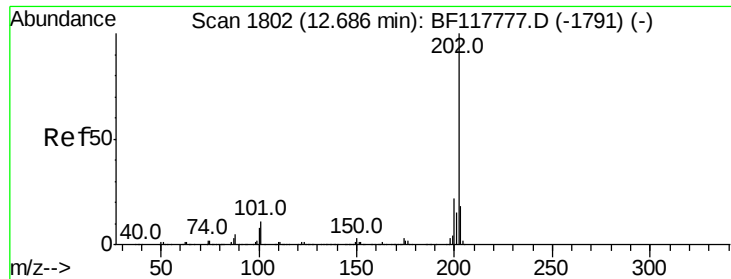
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#72
Anthracene
Concen: 4.635 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF118050.D
Acq: 27 Nov 2019 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	90177		
176	18.1		16.1	24.1
179	15.4		13.0	19.4





#75

Fluoranthene

Concen: 30.218 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF118050.D

Acq: 27 Nov 2019 19:32

Instrument :

BNA_F

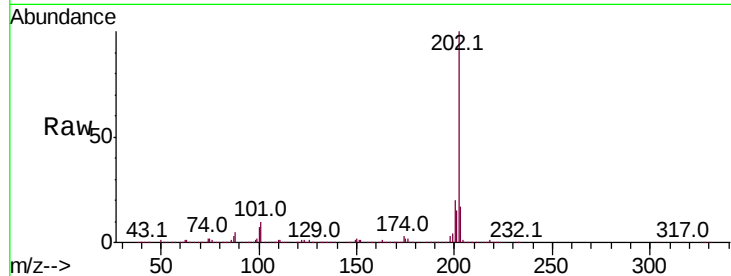
ClientSampleId :

WS-112119-2-5-COMP-B6

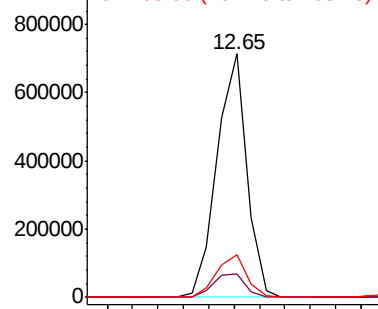
Tot Ion	Ratio	Resp	Lower	Upper
202	100	584128		
101	9.5	0.0	31.1	
203	17.4	0.0	38.2	

Manual Integrations
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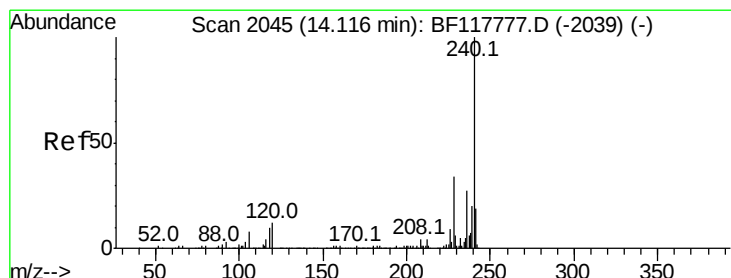
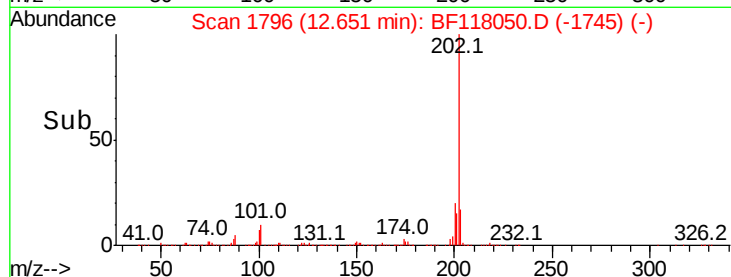
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 12.60 12.65



#76

Chrysene-d12

Concen: 20.000 ng

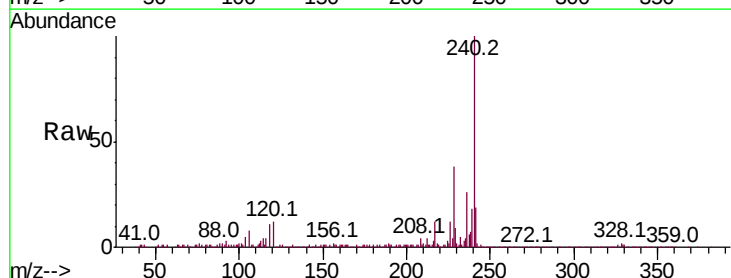
RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

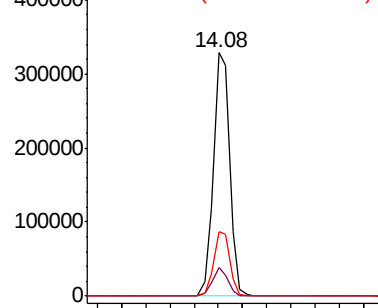
Lab File: BF118050.D

Acq: 27 Nov 2019 19:32

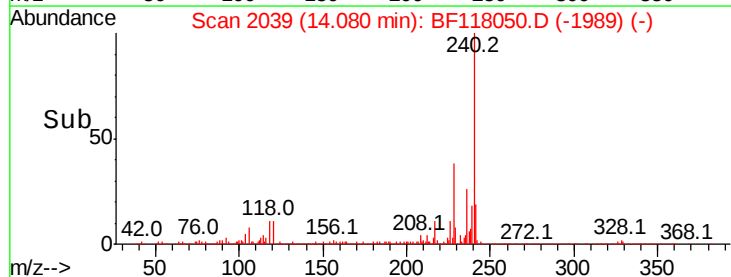
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	312541		
120	11.6	9.5	14.3	
236	26.2	21.3	31.9	

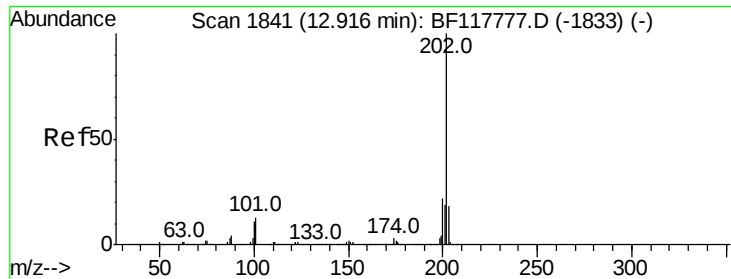


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 14.00 14.10





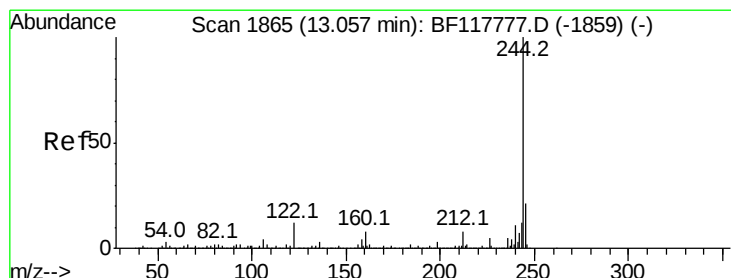
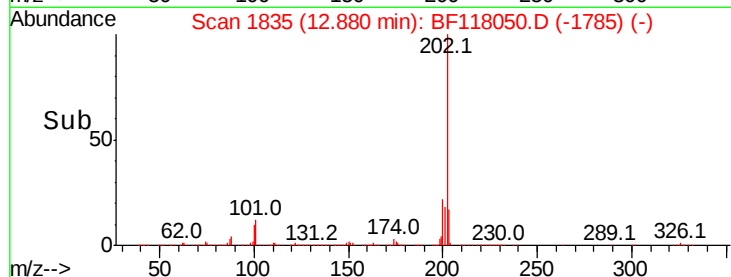
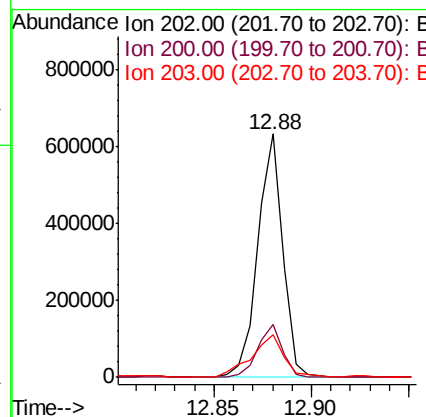
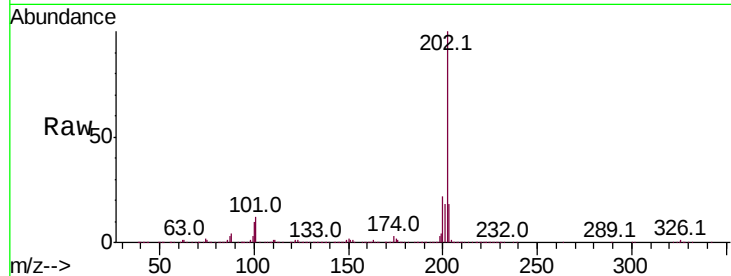
#78
Pvrene
Concen: 22.129 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BF118050.D
Acq: 27 Nov 2019 19:32

Instrument :
BNA_F
ClientSampleId :
WS-112119-2-5-COMP-B6

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.8	26.8
203	17.5	14.6	22.0

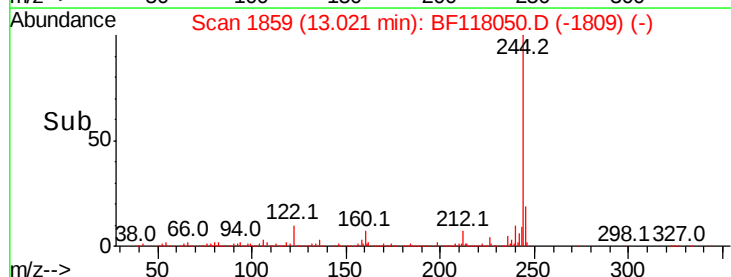
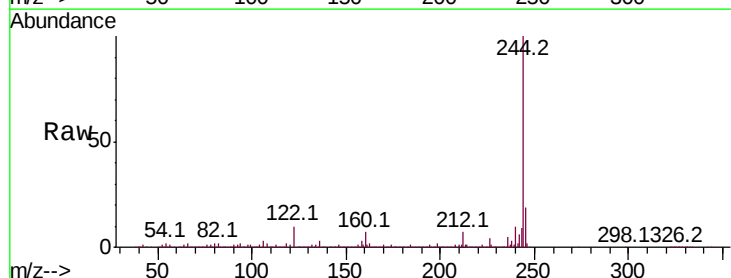
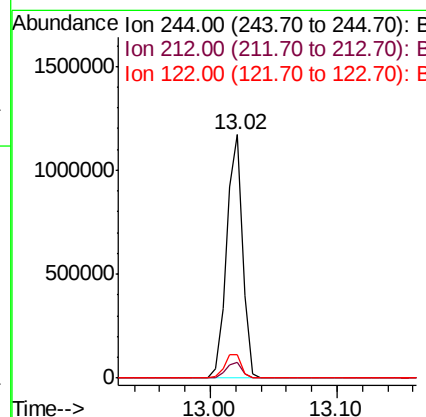
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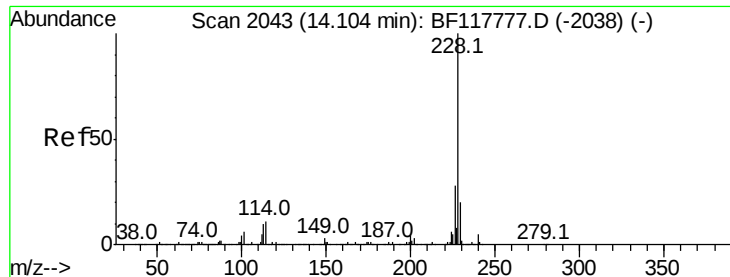
mohammad
11/29/2019 8:53:50 AM



#79
Terphenyl-d14
Concen: 59.948 ng
RT: 13.02 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BF118050.D
Acq: 27 Nov 2019 19:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.3	9.5
122	9.9	9.4	14.2





#81

Benzo(a)anthracene

Concen: 14.922 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BF118050.D

Acq: 27 Nov 2019 19:32

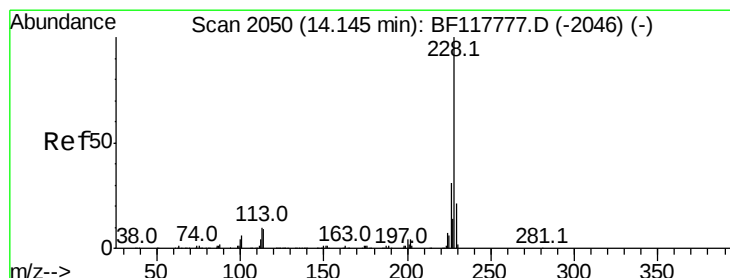
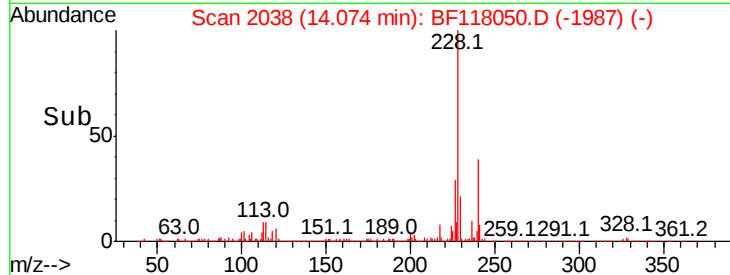
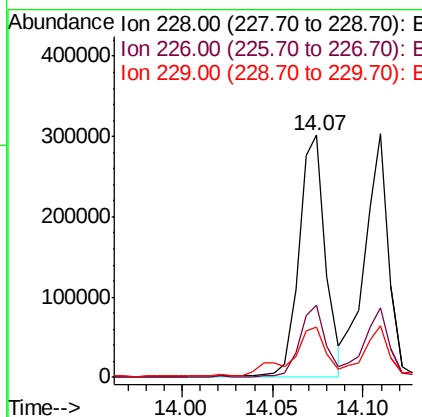
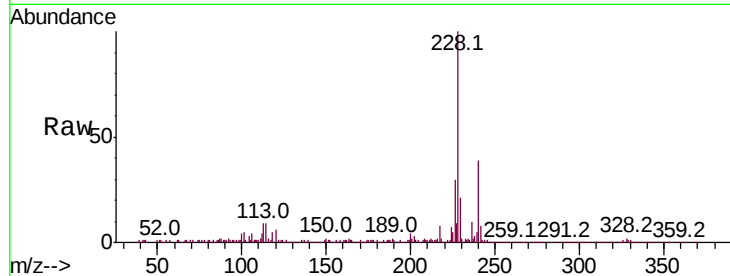
Instrument :
BNA_F

ClientSampleId :
WS-112119-2-5-COMP-B6

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.2	33.2
229	21.1	15.9	23.9

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#83

Chrysene

Concen: 13.873 ng

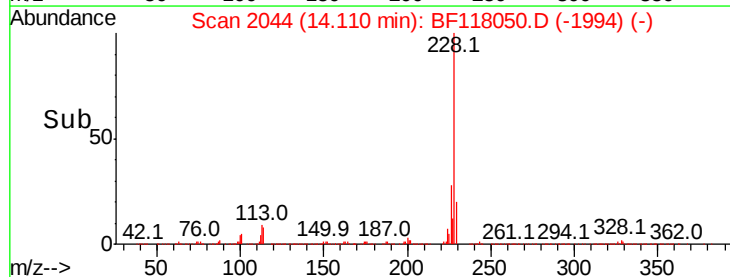
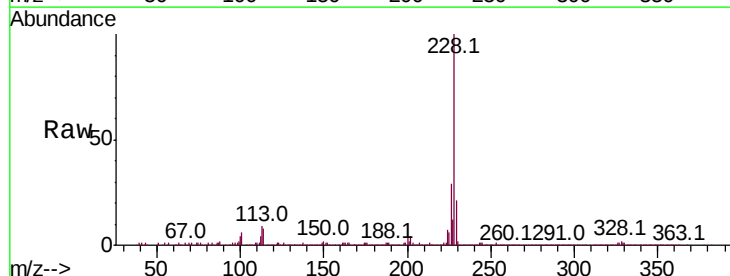
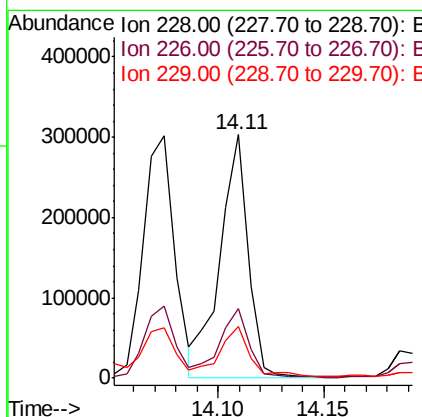
RT: 14.11 min Scan# 2044

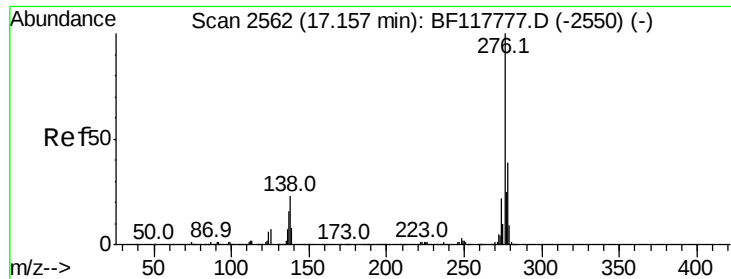
Delta R.T. -0.01 min

Lab File: BF118050.D

Acq: 27 Nov 2019 19:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	25.0	37.4
229	21.2	16.6	25.0





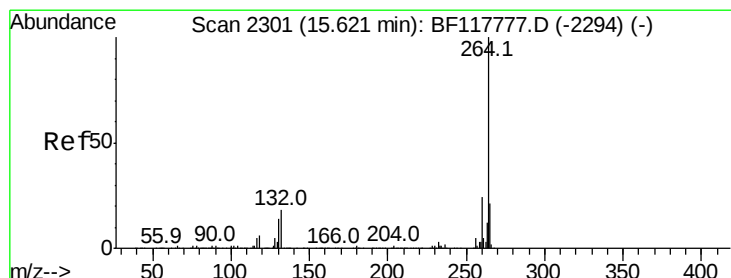
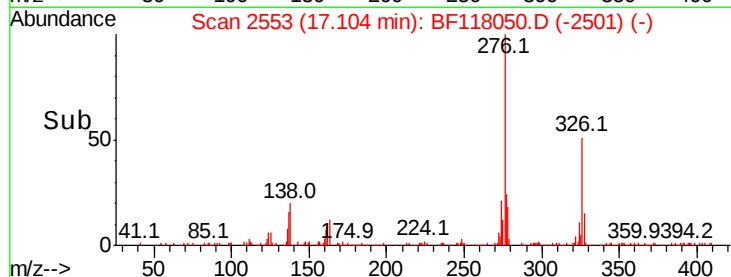
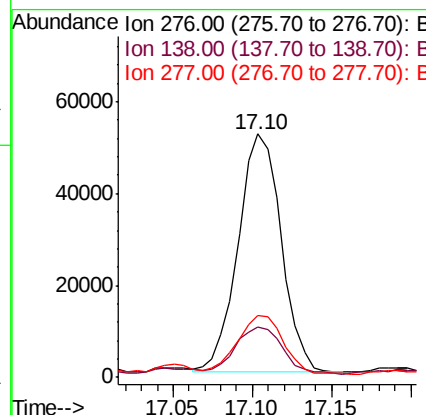
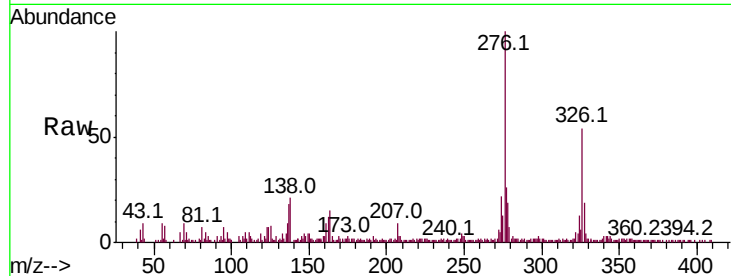
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.779 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.01 min
Lab File: BF118050.D
Acq: 27 Nov 2019 19:32

Instrument :
BNA_F
ClientSampleId :
WS-112119-2-5-COMP-B6

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.2	20.9	31.3
277	26.3	20.3	30.5

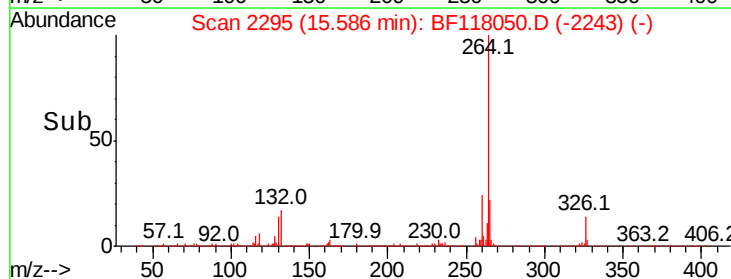
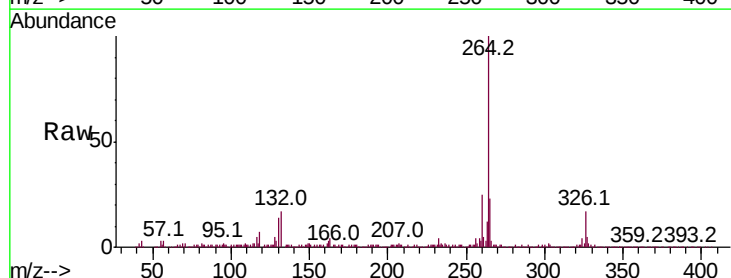
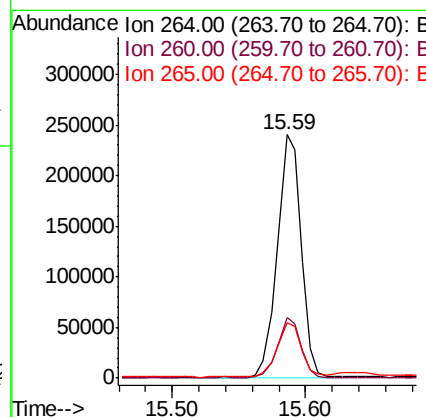
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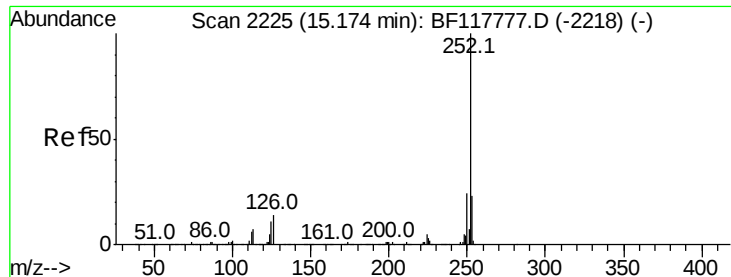
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BF118050.D
Acq: 27 Nov 2019 19:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.0
265	22.6	17.1	25.7





#88

Benzo(b)fluoranthene

Concen: 17.756 ng m

RT: 15.14 min Scan# 2220

Delta R.T. 0.01 min

Lab File: BF118050.D

Acq: 27 Nov 2019 19:32

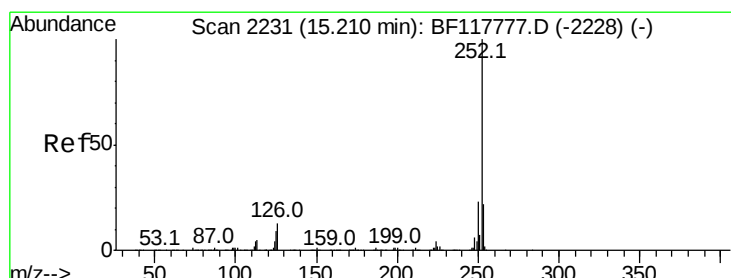
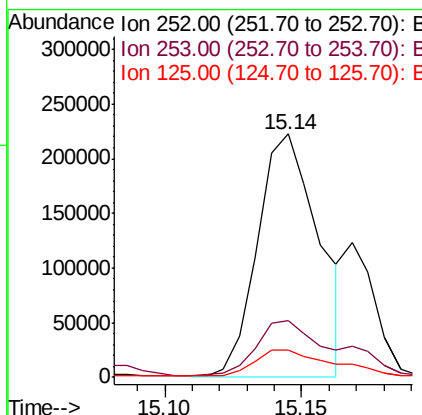
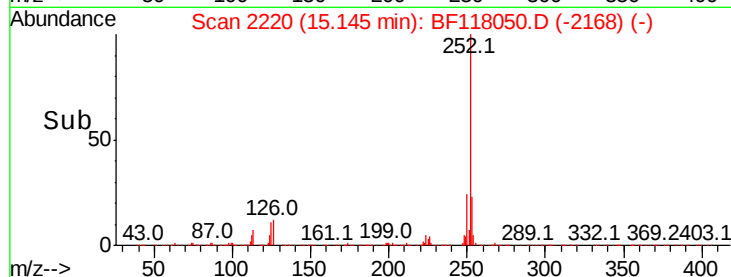
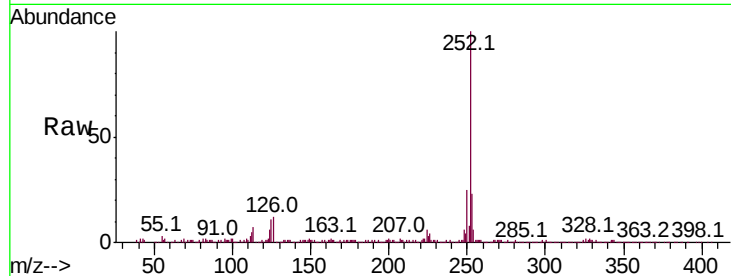
Instrument :
BNA_F

ClientSampleId :
WS-112119-2-5-COMP-B6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	11.4	8.6	13.0

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#89

Benzo(k)fluoranthene

Concen: 5.118 ng m

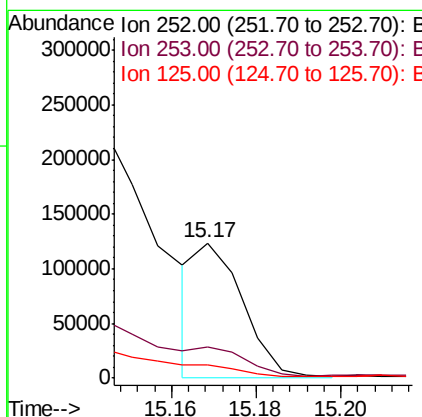
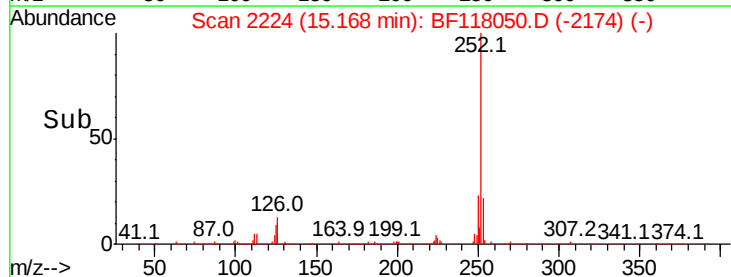
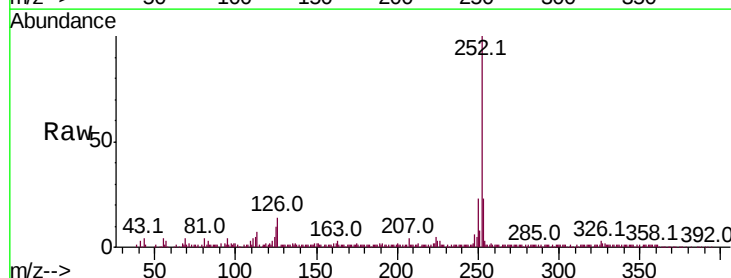
RT: 15.17 min Scan# 2224

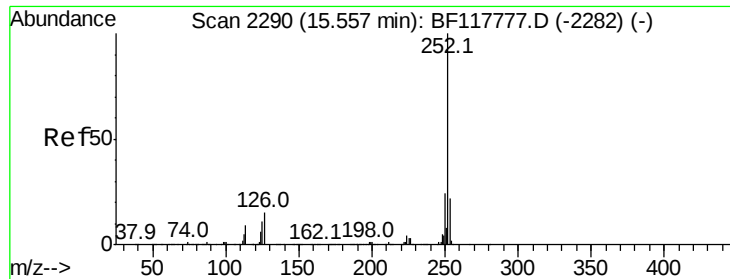
Delta R.T. -0.01 min

Lab File: BF118050.D

Acq: 27 Nov 2019 19:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	10.3	7.9	11.9





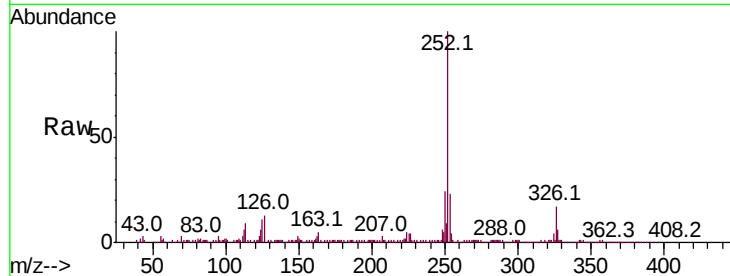
#90
Benzo(a)pyrene
Concen: 13.314 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BF118050.D
Acq: 27 Nov 2019 19:32

Instrument :
BNA_F
ClientSampleId :
WS-112119-2-5-COMP-B6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	11.5	9.2	13.8

Manual Integrations
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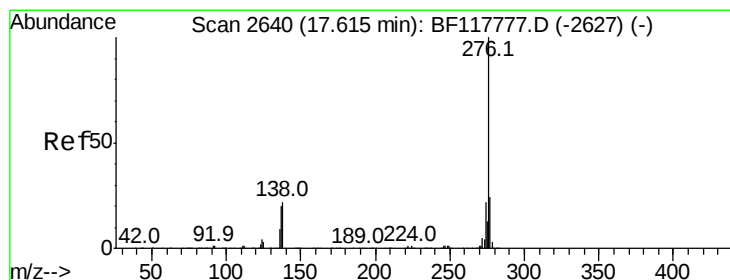
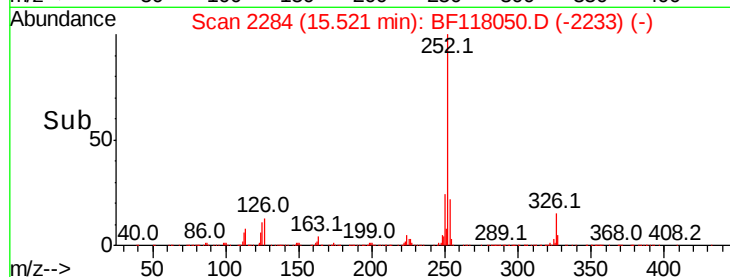
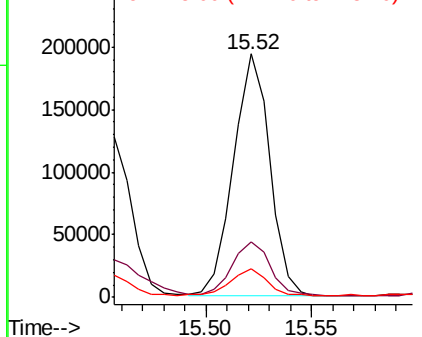


Abundance

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: 6.378 ng
RT: 17.56 min Scan# 2631
Delta R.T. 0.01 min
Lab File: BF118050.D
Acq: 27 Nov 2019 19:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.9	18.9	28.3
138	23.5	17.4	26.2

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

