

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
 Data File : BF110331.D
 Acq On : 31 Oct 2018 14:32
 Operator : JU/SJ
 Sample : J5202-07 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-103018-A

Manual Integrations
 APPROVED

Sohil
 11/1/2018 10:45:57 AM

Quant Time: Oct 31 16:54:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 31 14:18:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	66393	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	243866	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	100498	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	194162	20.00	ng	0.00
76) Chrysene-d12	14.17	240	192016	20.00	ng	0.00
87) Perylene-d12	15.71	264	138934	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	171565	42.08	ng	0.00
7) Phenol-d6	6.59	99	200937	38.53	ng	-0.01
23) Nitrobenzene-d5	7.53	82	118441	28.81	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	42505	42.70	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	204848	32.01	ng	0.00
79) Terphenyl-d14	13.09	244	223650	24.22	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	12298	2.206	ng	Qvalue # 72
50) Dimethylphthalate	9.72	163	27344	3.686	ng	100
71) Phenanthrene	11.53	178	32365	3.186	ng	98
75) Fluoranthene	12.73	202	86991	8.437	ng	97
78) Pyrene	12.96	202	121092	8.797	ng	99
81) Benzo(a)anthracene	14.16	228	54005m	4.743	ng	
83) Chrysene	14.19	228	51975	4.806	ng	97
88) Benzo(b)fluoranthene	15.24	252	47531m	5.924	ng	
90) Benzo(a)pyrene	15.64	252	34838	4.719	ng	# 90
92) Benzo(g,h,i)perylene	17.78	276	16646	2.652	ng	# 81

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

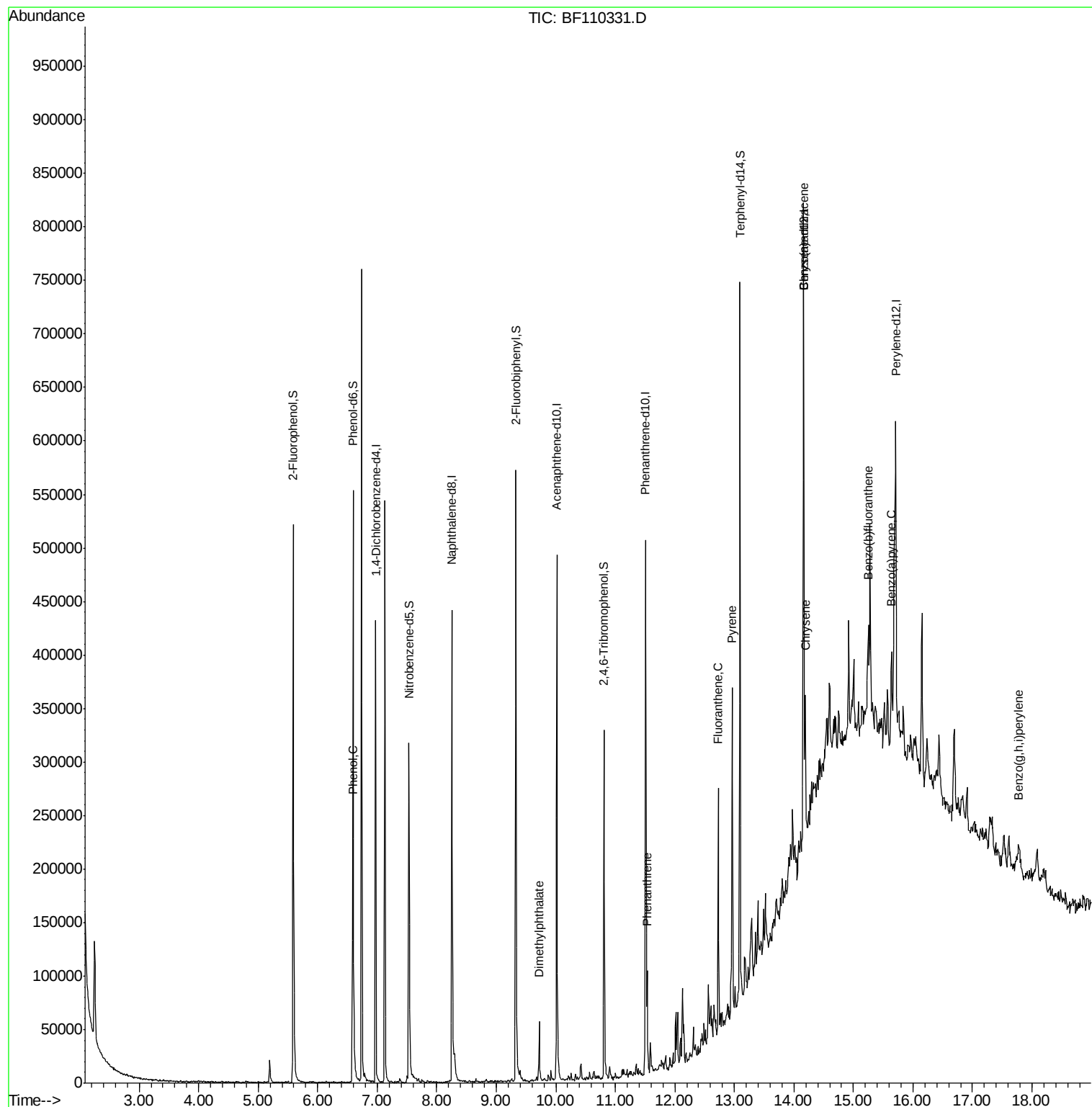
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110331.D
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Operator : JU/SJ
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

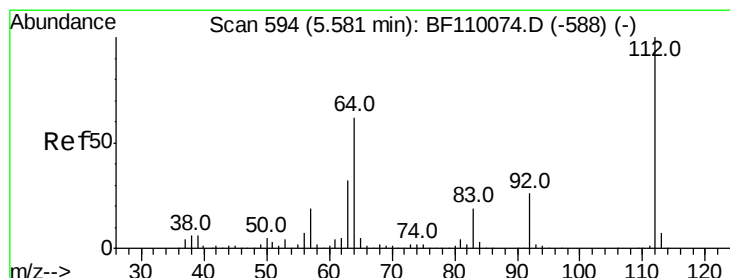
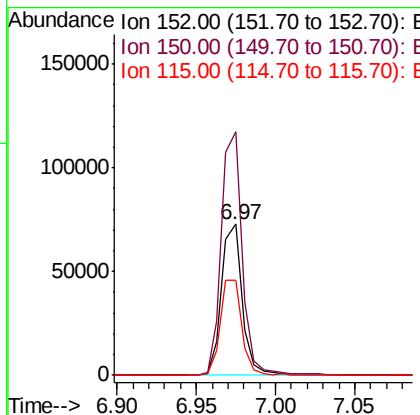
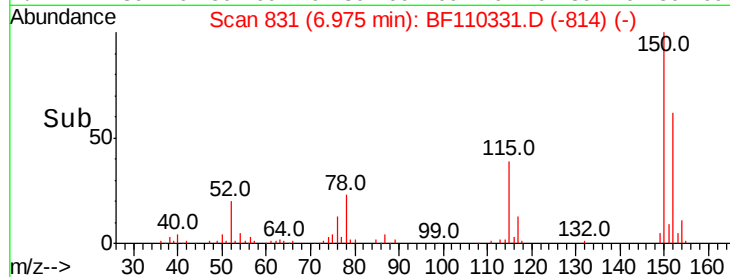
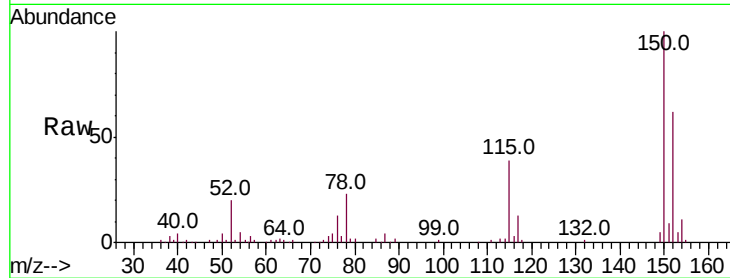
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF110331.D
Acq: 31 Oct 2018 14:32

Instrument :
BNA_F
ClientSampleId :
PL-02-103018-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	122.7	184.1
115	63.0	49.1	73.7

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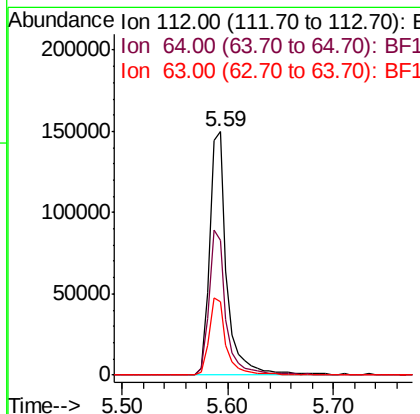
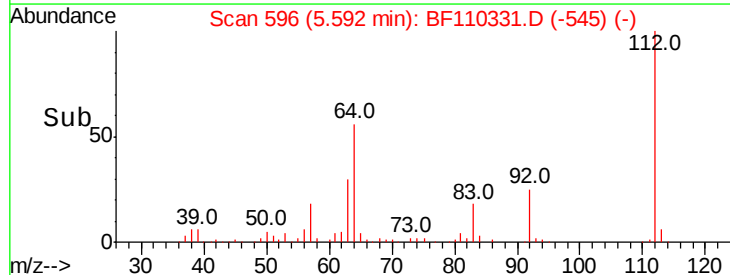
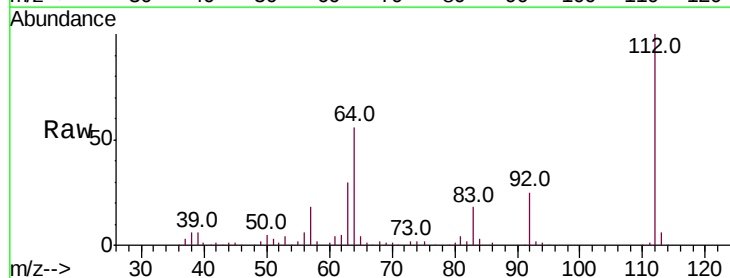
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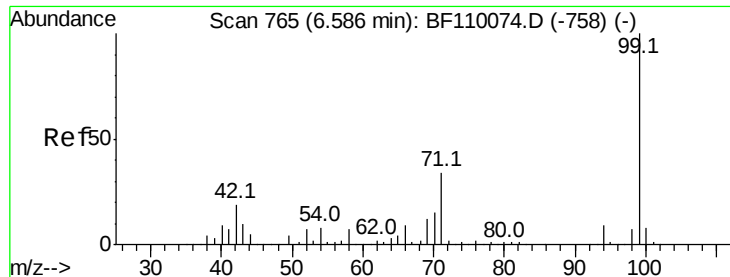


#5

2-Fluorophenol
Concen: 42.081 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF110331.D
Acq: 31 Oct 2018 14:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	44.1	66.1
63	30.4	23.7	35.5





#7

Phenol-d6

Concen: 38.531 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110331.D

Acq: 31 Oct 2018 14:32

Instrument :

BNA_F

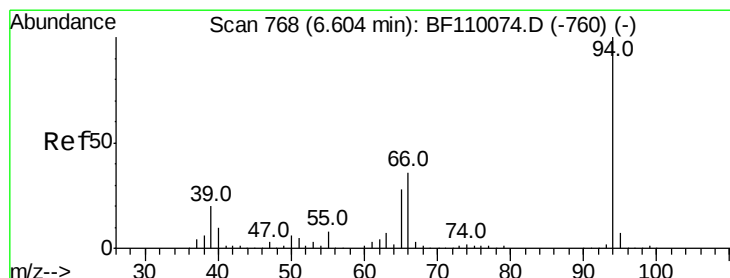
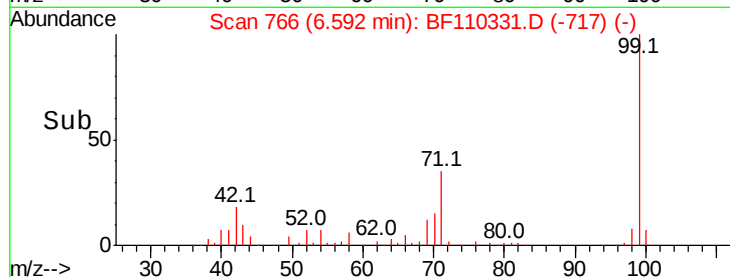
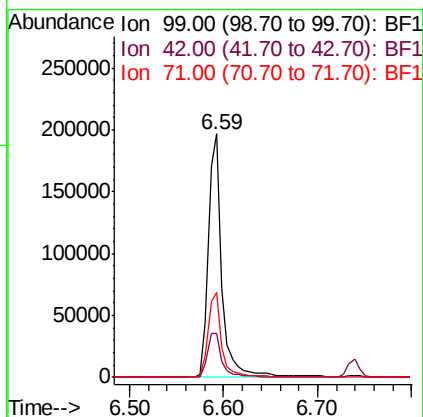
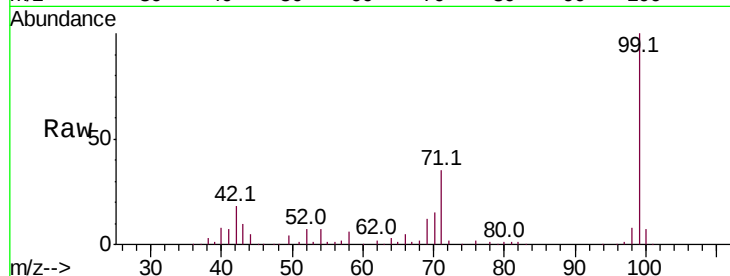
ClientSampleId :

PL-02-103018-A

Tot Ion:	99	Resp:	200937
Ion Ratio	Lower	Upper	
99	100		
42	18.2	15.8	23.6
71	34.7	28.0	42.0

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#10

Phenol

Concen: 2.206 ng

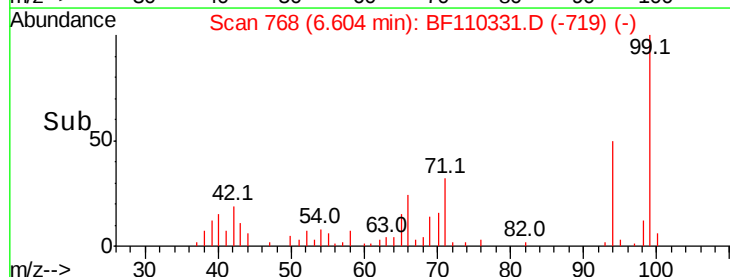
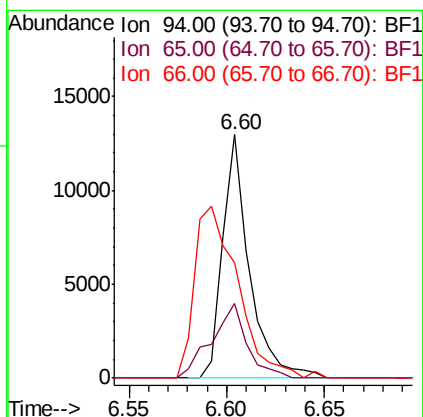
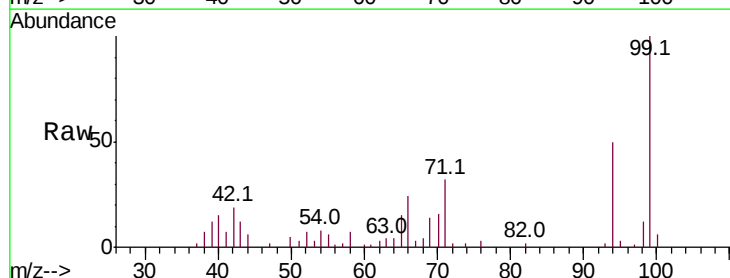
RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110331.D

Acq: 31 Oct 2018 14:32

Tgt Ion:	94	Resp:	12298
Ion Ratio	Lower	Upper	
94	100		
65	30.5	25.3	65.3
66	47.7	54.5	94.5#





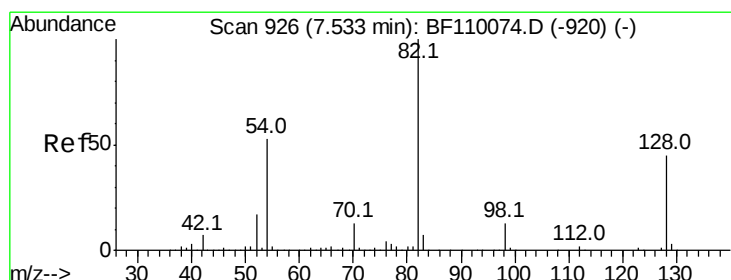
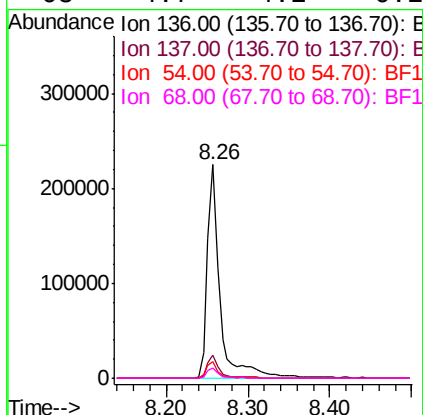
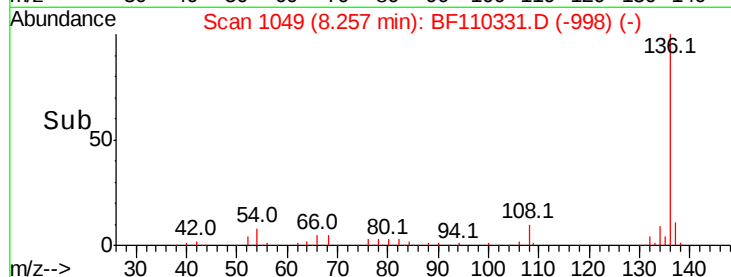
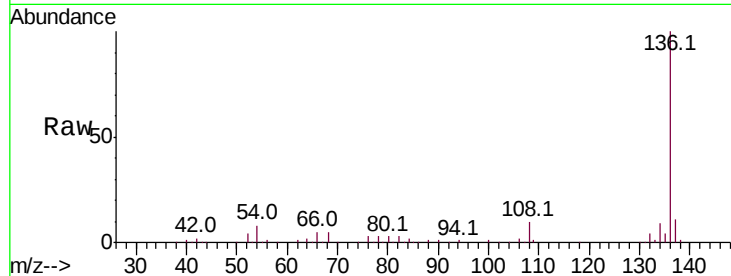
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF110331.D
Acq: 31 Oct 2018 14:32

Instrument :
BNA_F
ClientSampleId :
PL-02-103018-A

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.8	13.2	
54	7.6	5.4	8.2	
68	4.7	4.2	6.2	

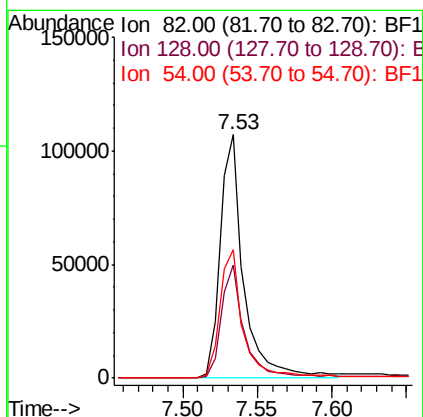
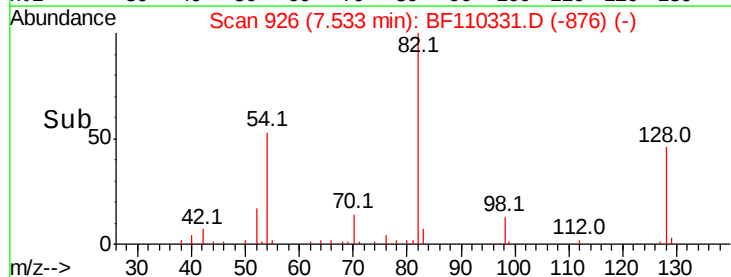
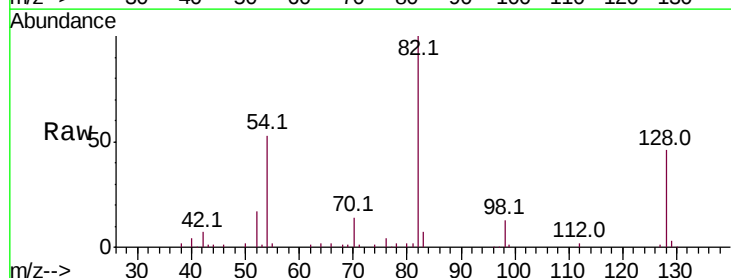
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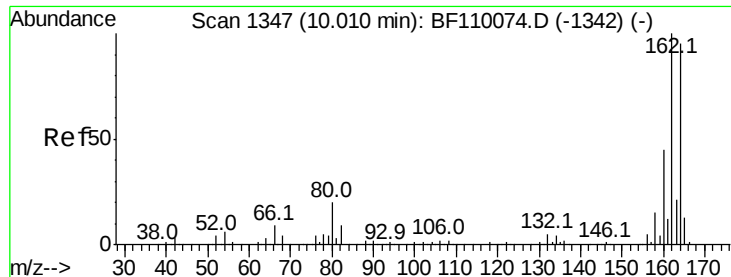
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#23
Nitrobenzene-d5
Concen: 28.807 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF110331.D
Acq: 31 Oct 2018 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.3	34.2	51.2	
54	52.6	38.6	58.0	





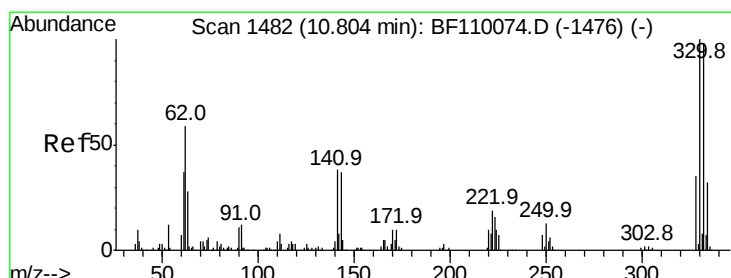
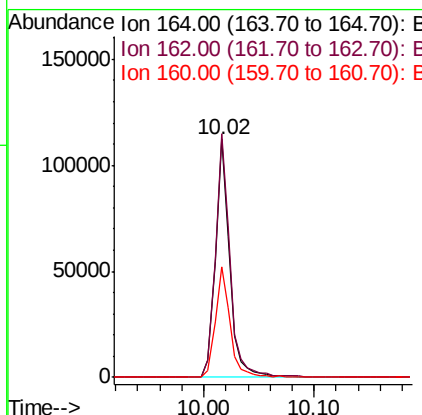
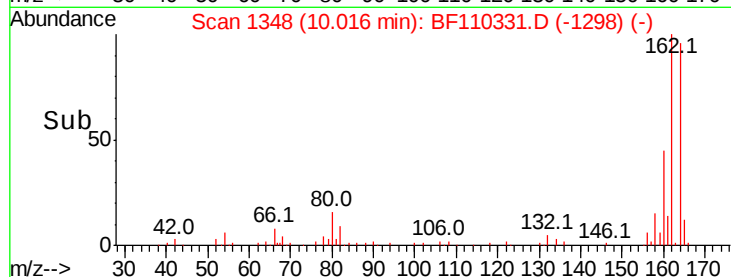
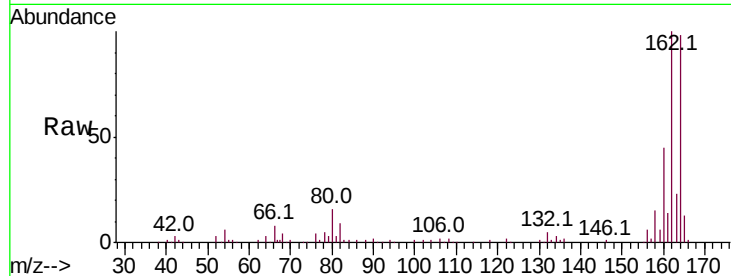
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110331.D
Acq: 31 Oct 2018 14:32

Instrument :
BNA_F
ClientSampleId :
PL-02-103018-A

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.2	83.0	124.6	
160	46.2	37.0	55.6	

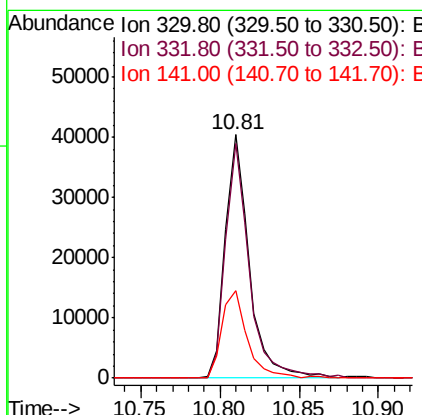
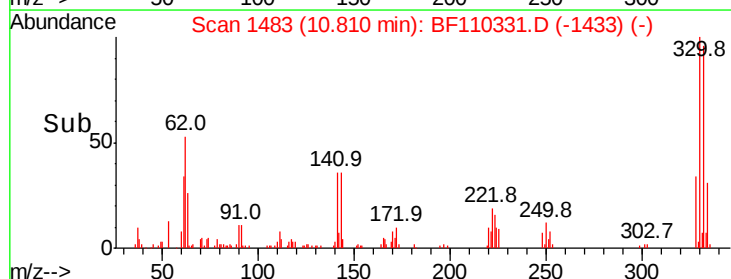
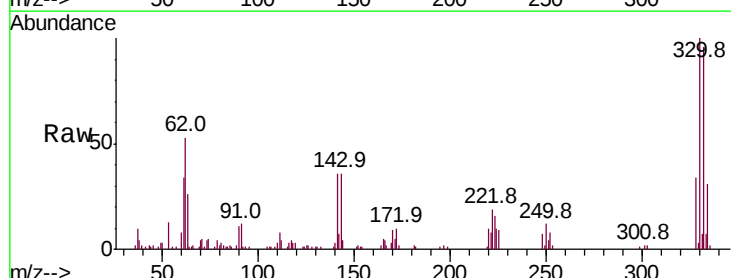
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#42
2,4,6-Tribromophenol
Concen: 42.697 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BF110331.D
Acq: 31 Oct 2018 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.5	77.1	115.7	
141	37.6	27.0	40.4	





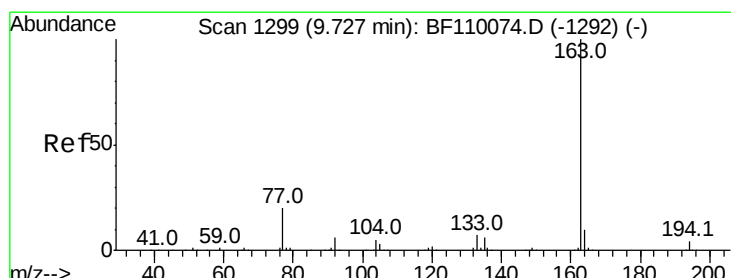
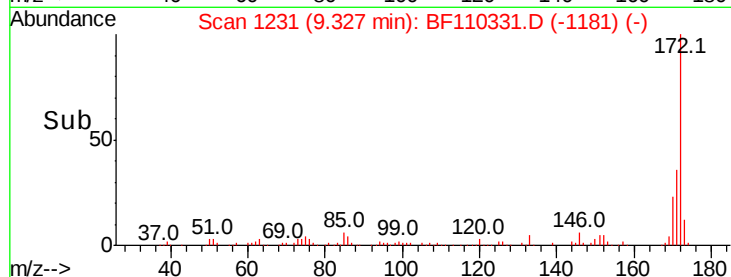
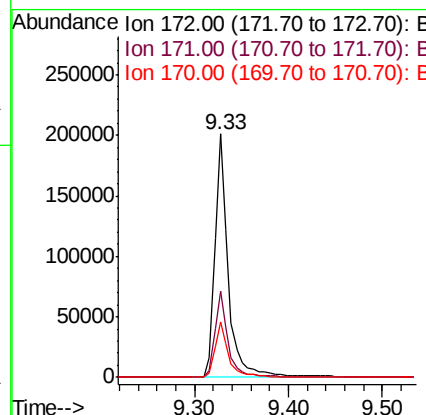
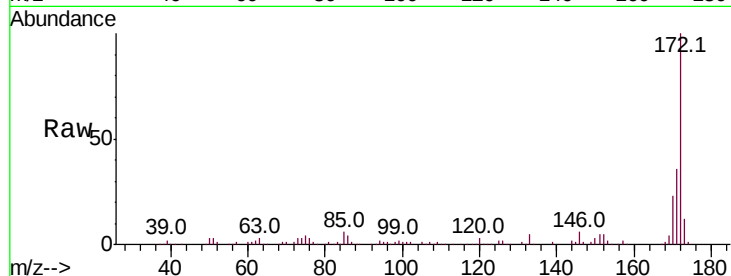
#45
2-Fluorobiphenyl
Concen: 32.007 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110331.D
Acq: 31 Oct 2018 14:32

Instrument :
BNA_F
ClientSampleId :
PL-02-103018-A

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.0	19.7	29.5

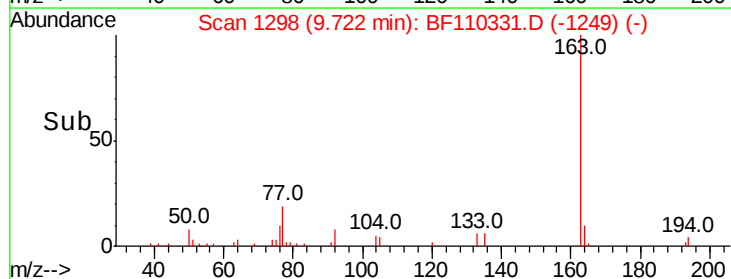
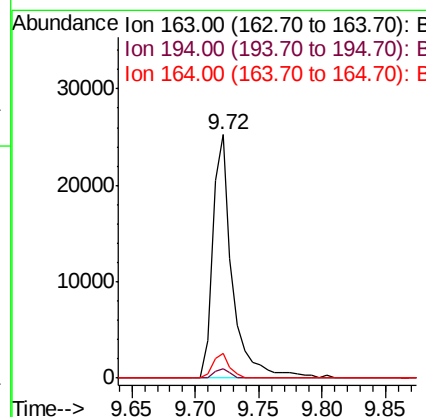
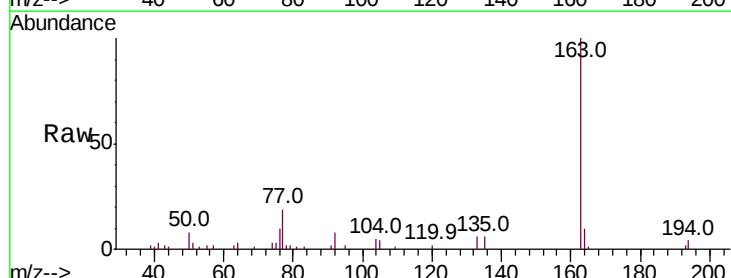
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#50
Dimethylphthalate
Concen: 3.686 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF110331.D
Acq: 31 Oct 2018 14:32

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.1	8.1	12.1





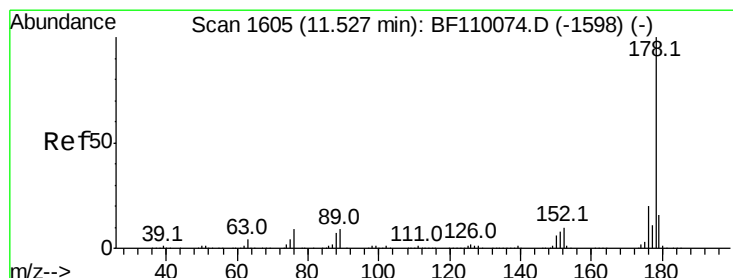
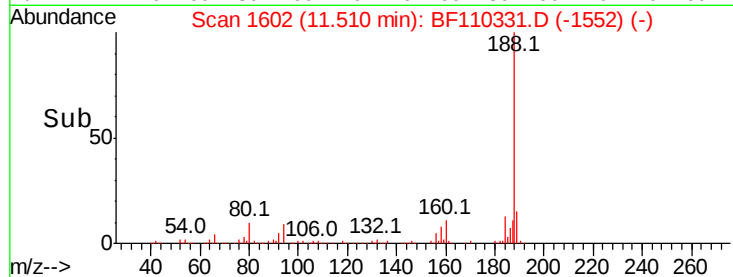
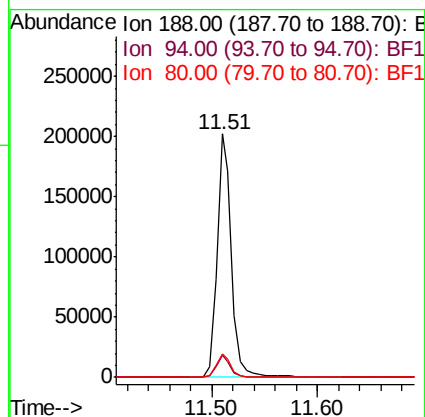
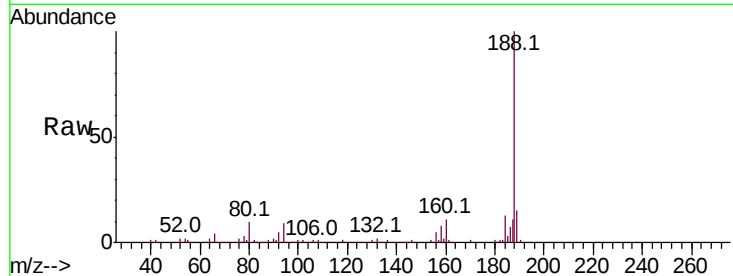
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF110331.D
Acq: 31 Oct 2018 14:32

Instrument :
BNA_F
ClientSampleId :
PL-02-103018-A

Tot Ion	Ratio	Resp	Lower	Upper
188	100	194162		
94	9.1	7.2	10.8	
80	9.9	7.9	11.9	

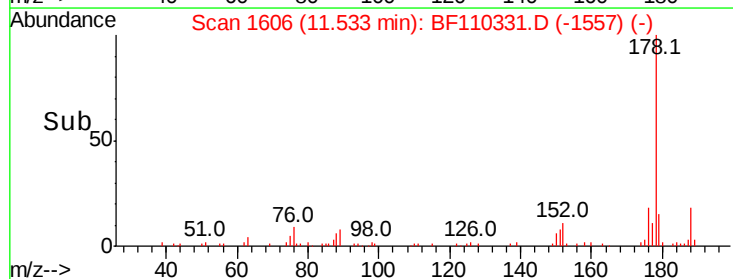
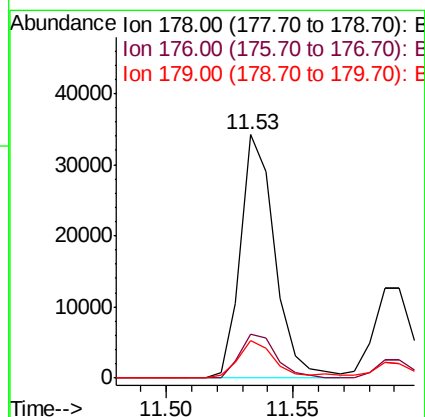
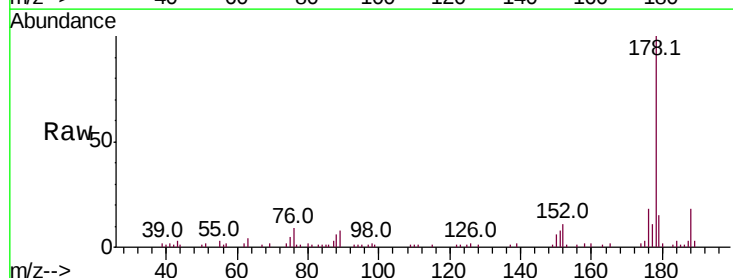
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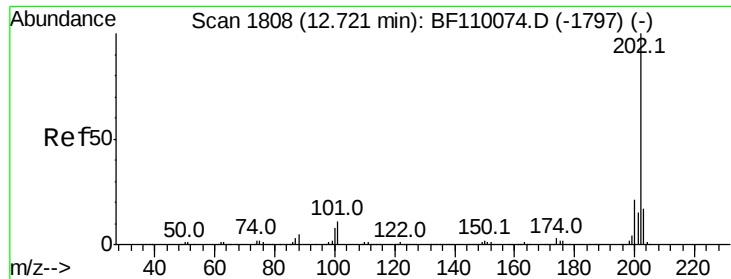
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#71
Phenanthrene
Concen: 3.186 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF110331.D
Acq: 31 Oct 2018 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	32365		
176	18.2	15.5	23.3	
179	15.3	12.5	18.7	





#75

Fluoranthene

Concen: 8.437 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF110331.D

Acq: 31 Oct 2018 14:32

Instrument :

BNA_F

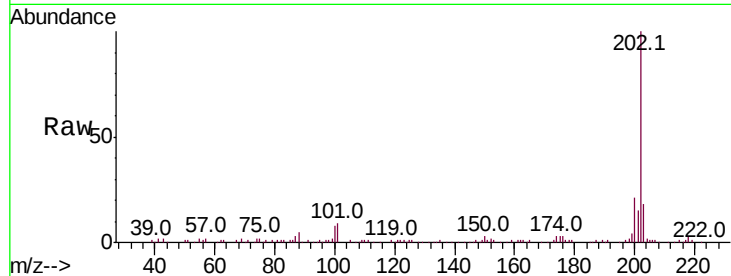
ClientSampleId :

PL-02-103018-A

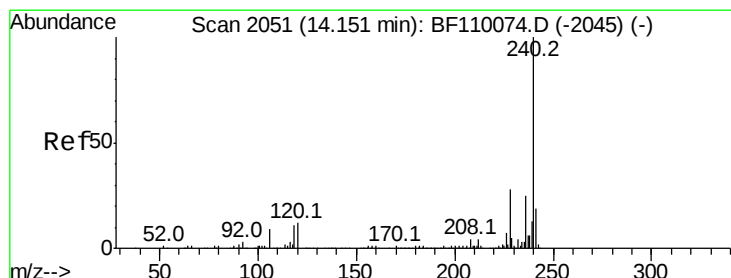
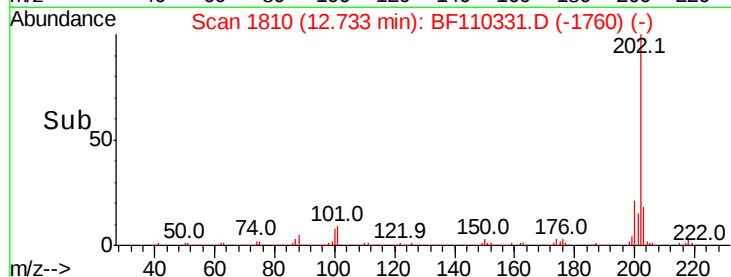
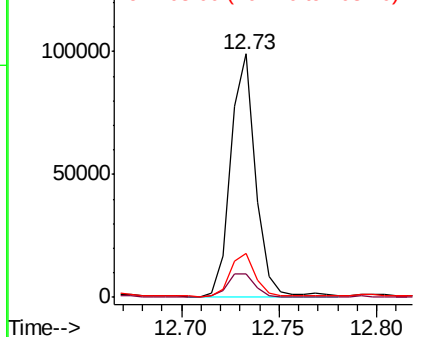
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.4	0.0	31.4
203	18.2	0.0	37.7

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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



#76

Chrysene-d12

Concen: 20.000 ng

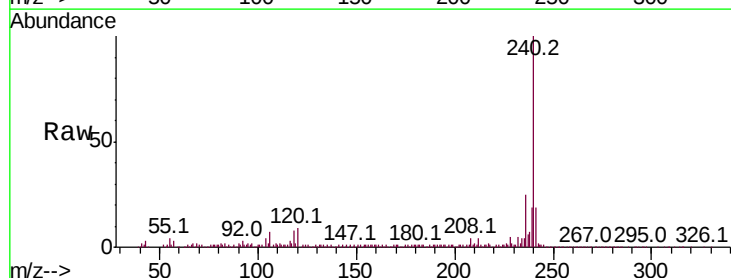
RT: 14.17 min Scan# 2054

Delta R.T. 0.00 min

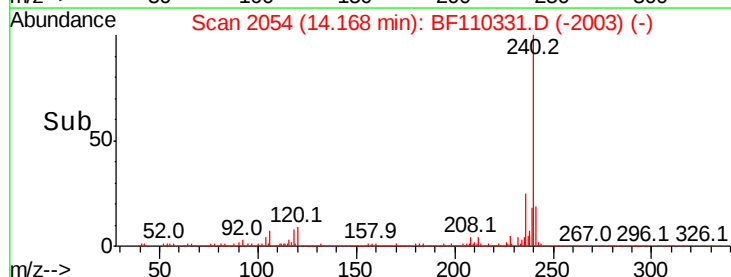
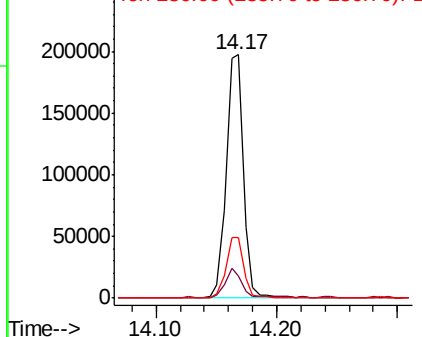
Lab File: BF110331.D

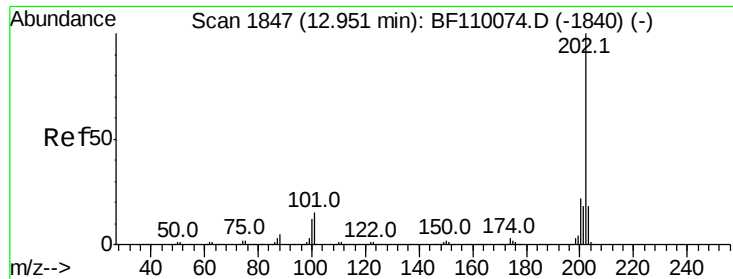
Acq: 31 Oct 2018 14:32

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.2	8.3	12.5
236	24.7	21.2	31.8



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





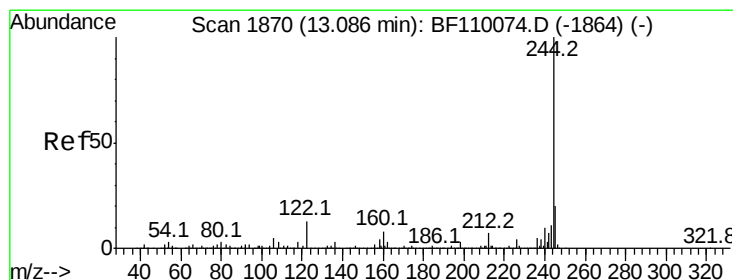
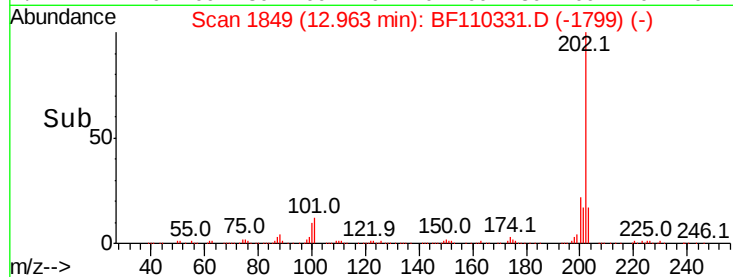
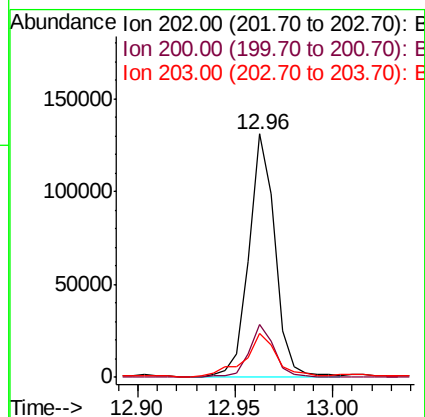
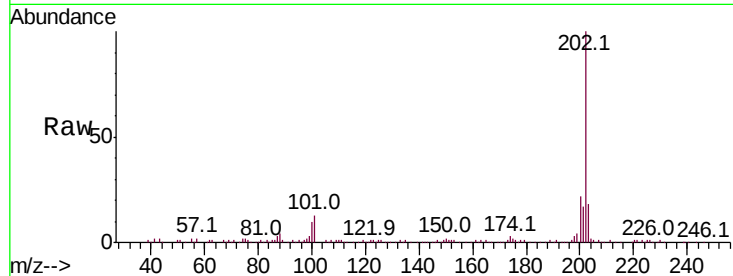
#78
Pvrene
Concen: 8.797 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF110331.D
Acq: 31 Oct 2018 14:32

Instrument :
BNA_F
ClientSampleId :
PL-02-103018-A

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.8	26.6
203	18.1	14.2	21.4

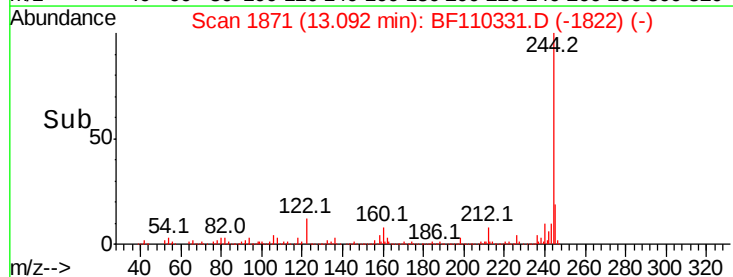
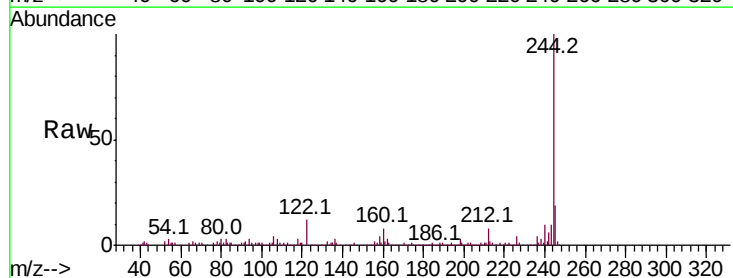
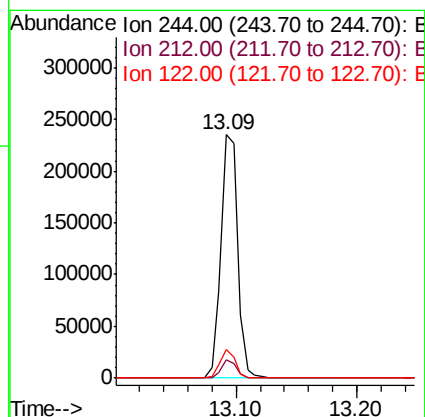
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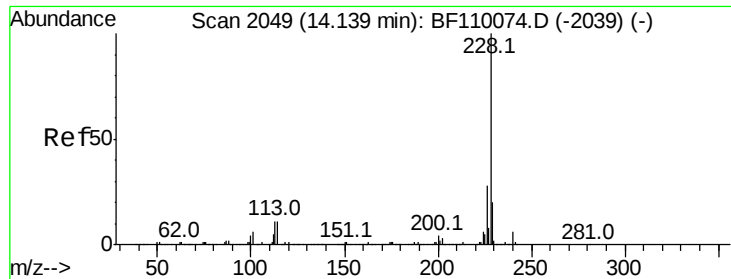
Sohil
11/1/2018 10:45:57 AM



#79
Terphenyl-d14
Concen: 24.223 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF110331.D
Acq: 31 Oct 2018 14:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	12.0	8.7	13.1





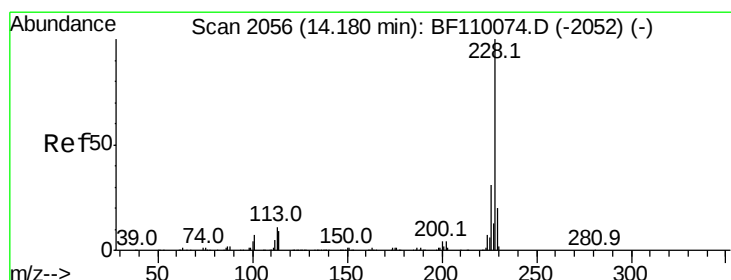
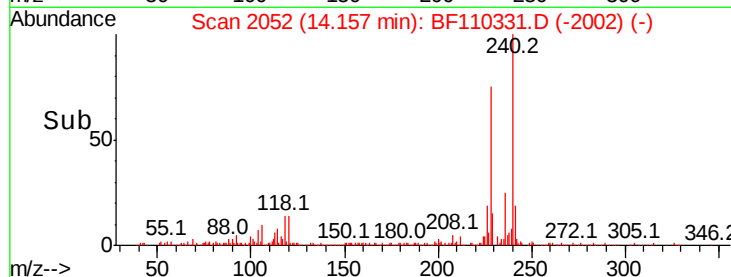
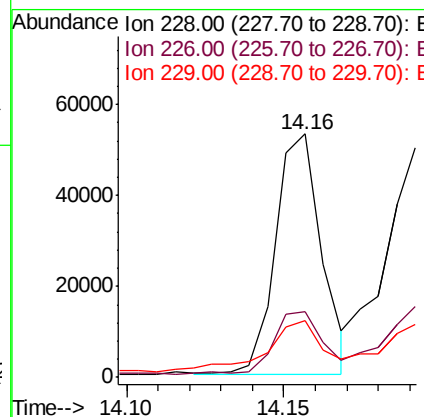
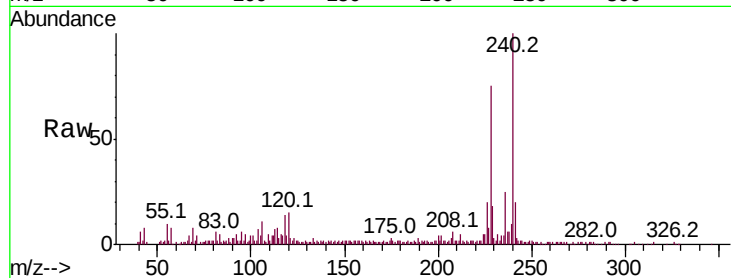
#81
Benzo(a)anthracene
Concen: 4.743 ng m
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110331.D
Acq: 31 Oct 2018 14:32

Instrument :
BNA_F
ClientSampleId :
PL-02-103018-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.1	33.1
229	23.5	15.6	23.4

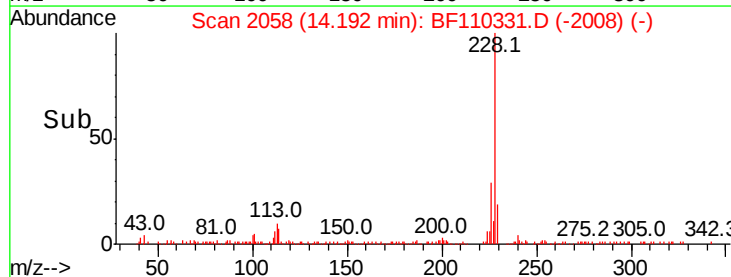
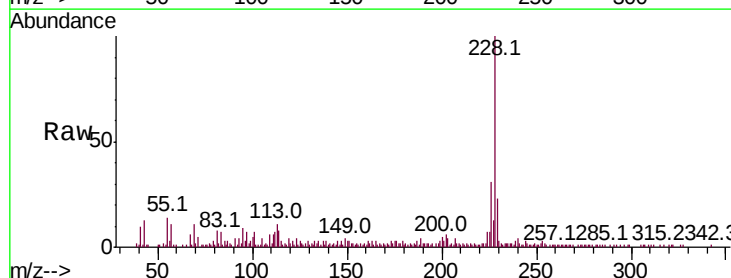
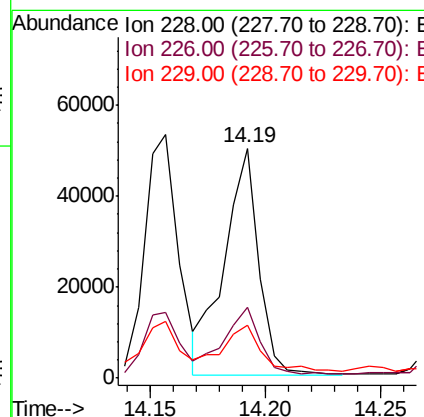
Manual Integrations
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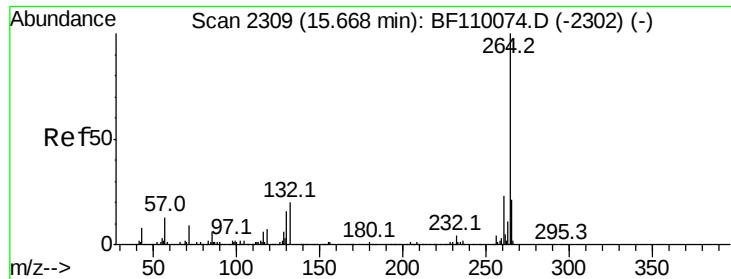
Sohil
11/1/2018 10:45:57 AM



#83
Chrysene
Concen: 4.806 ng
RT: 14.19 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BF110331.D
Acq: 31 Oct 2018 14:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.7	37.1
229	23.0	15.9	23.9





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2316

Delta R.T. 0.01 min

Lab File: BF110331.D

Acq: 31 Oct 2018 14:32

Instrument :

BNA_F

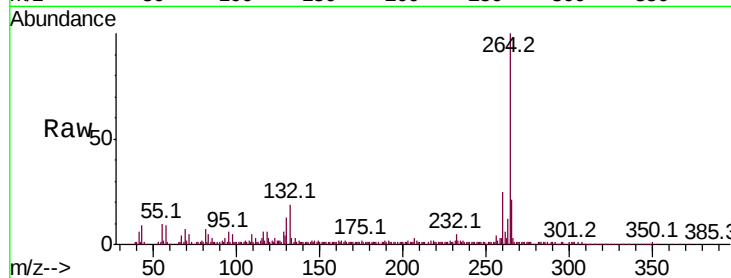
ClientSampleId :

PL-02-103018-A

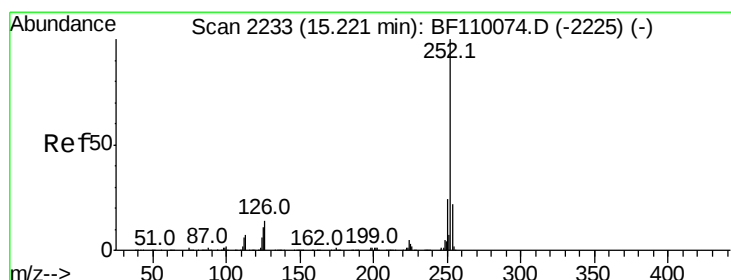
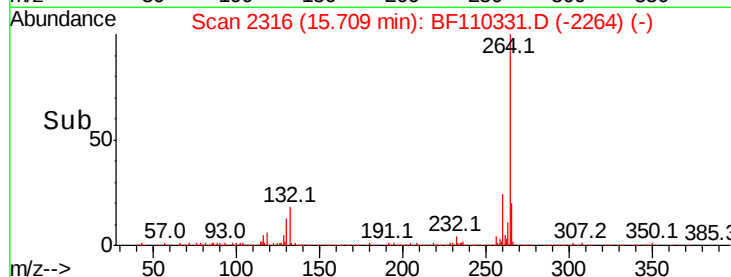
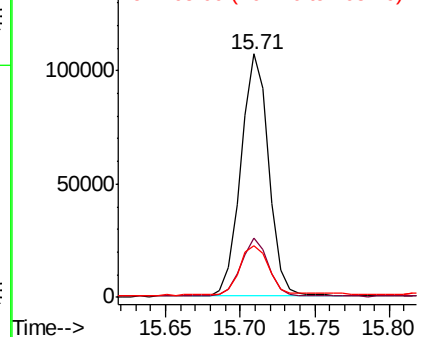
Tot Ion:	264	Resp:	138934
Ion Ratio	Lower	Upper	
264	100		
260	24.6	18.7	28.1
265	21.1	16.7	25.1

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 5.924 ng m

RT: 15.24 min Scan# 2237

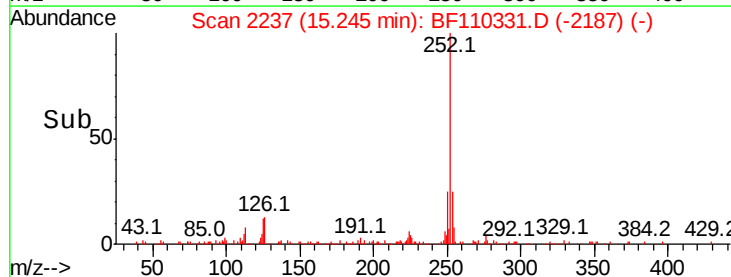
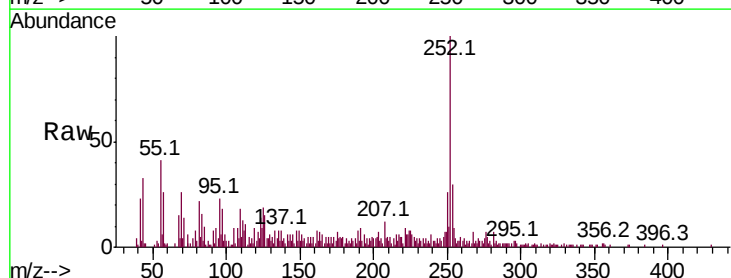
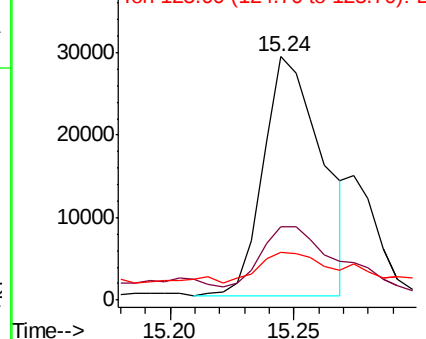
Delta R.T. -0.01 min

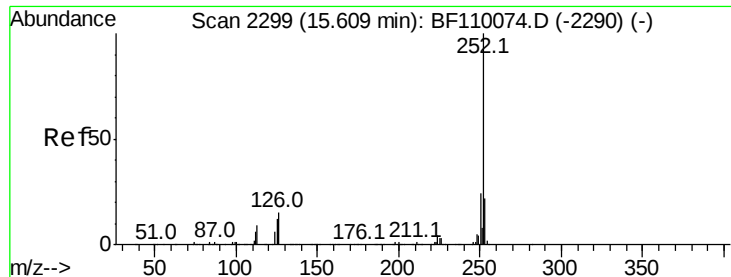
Lab File: BF110331.D

Acq: 31 Oct 2018 14:32

Tgt Ion:	252	Resp:	47531
Ion Ratio	Lower	Upper	
252	100		
253	30.0	17.2	25.8#
125	19.5	8.2	12.4#

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





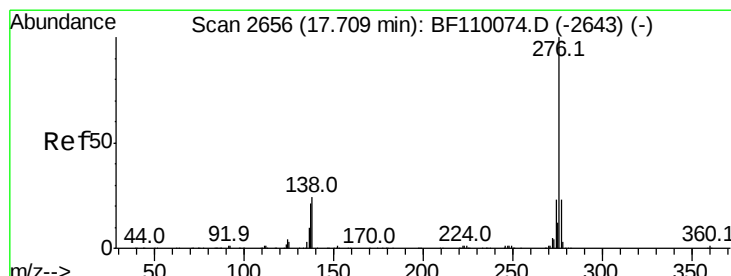
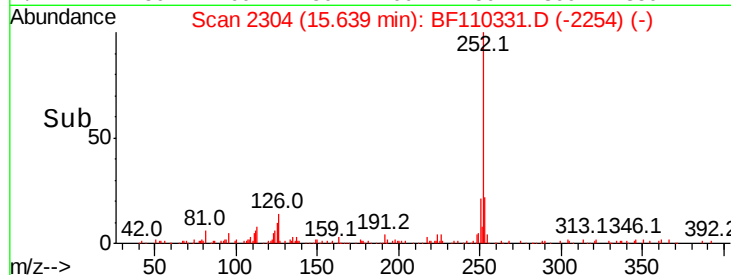
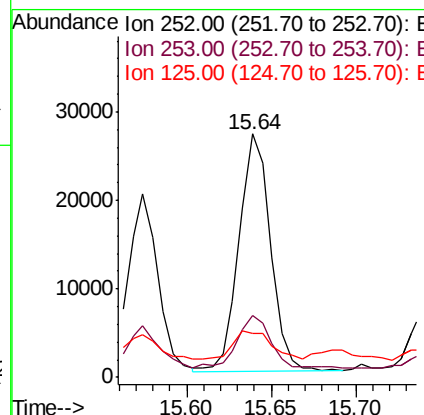
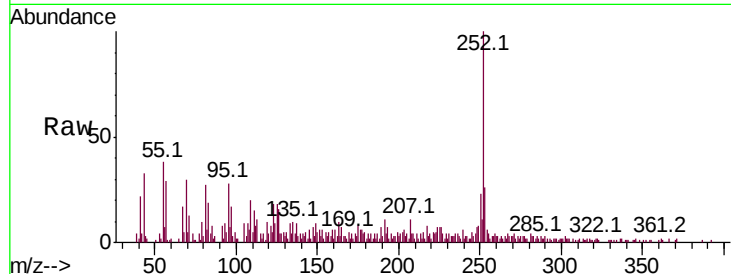
#90
Benzo(a)pyrene
Concen: 4.719 ng
RT: 15.64 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BF110331.D
Acq: 31 Oct 2018 14:32

Instrument :
BNA_F
ClientSampleId :
PL-02-103018-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.2	27.4
125	18.2	9.0	13.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.652 ng
RT: 17.78 min Scan# 2668
Delta R.T. -0.01 min
Lab File: BF110331.D
Acq: 31 Oct 2018 14:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.5	18.8	28.2
138	31.3	16.0	24.0

