

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
 Data File : BF110333.D
 Acq On : 31 Oct 2018 15:26
 Operator : JU/SJ
 Sample : J5202-11 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 11/1/2018 10:45:59 AM

Quant Time: Oct 31 17:05:50 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	81803	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	304038	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	116946	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	202042	20.00	ng	0.00
76) Chrysene-d12	14.17	240	193558	20.00	ng	0.00
87) Perylene-d12	15.72	264	129079	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	191636	38.15	ng	0.00
7) Phenol-d6	6.59	99	230477	35.87	ng	-0.01
23) Nitrobenzene-d5	7.53	82	134859	26.31	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	39339	33.96	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	223741	30.04	ng	0.00
79) Terphenyl-d14	13.10	244	200499	21.54	ng	0.00
Target Compounds						
10) Phenol	6.60	94	14686	2.138	ng	Qvalue # 75
50) Dimethylphthalate	9.72	163	27005	3.128	ng	99
71) Phenanthrene	11.54	178	49955	4.725	ng	99
75) Fluoranthene	12.73	202	83680	7.799	ng	98
78) Pyrene	12.96	202	73448	5.293	ng	99
81) Benzo(a)anthracene	14.16	228	36104	3.145	ng	# 93
83) Chrysene	14.19	228	29441	2.700	ng	# 93
88) Benzo(b)fluoranthene	15.25	252	25528m	3.425	ng	
90) Benzo(a)pyrene	15.64	252	16347	2.383	ng	# 69

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

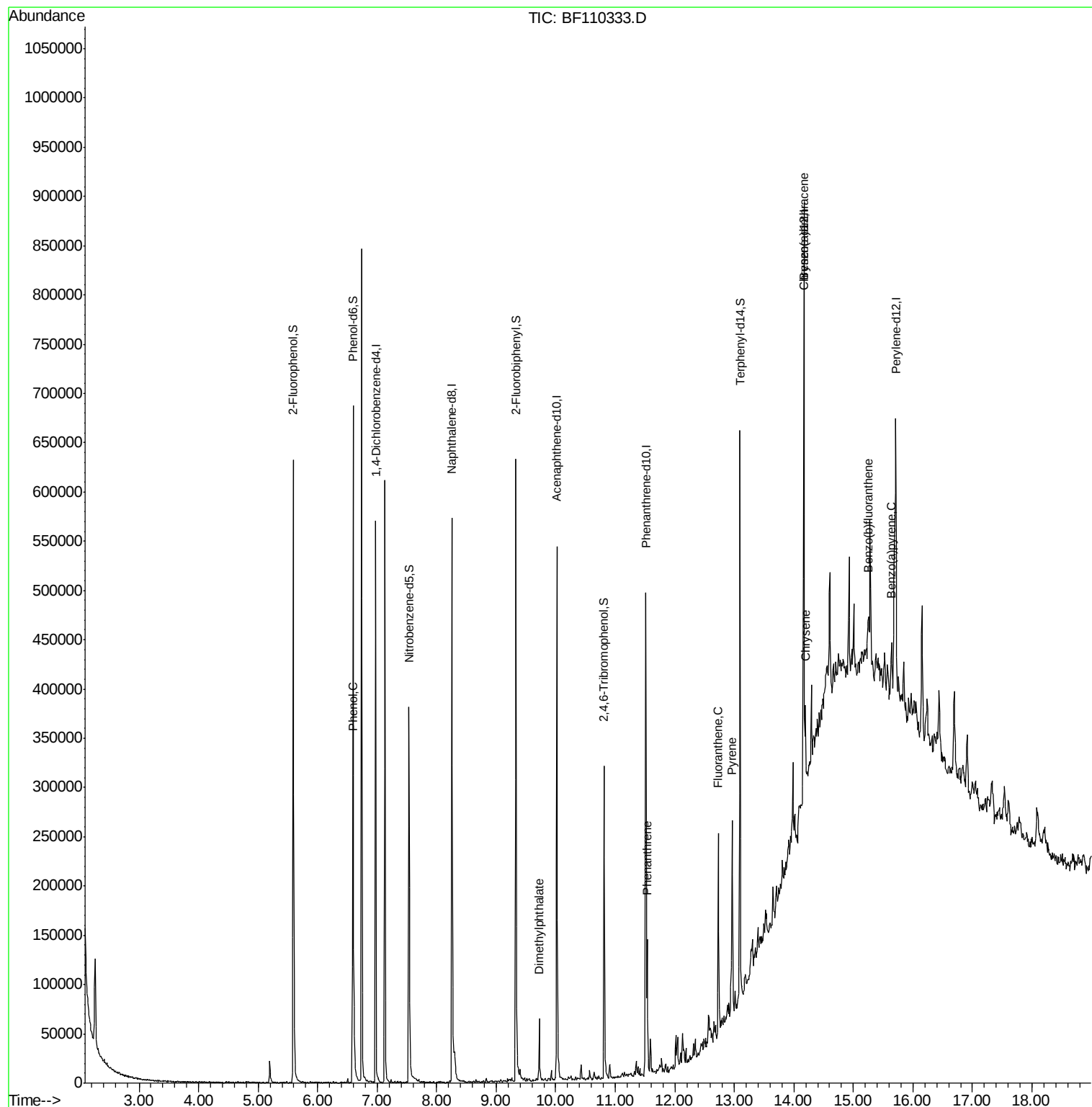
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110333.D
Acq On : 31 Oct 2018 15:26
Operator : JU/SJ
Sample : J5202-11 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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11/1/2018 10:45:59 AM

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

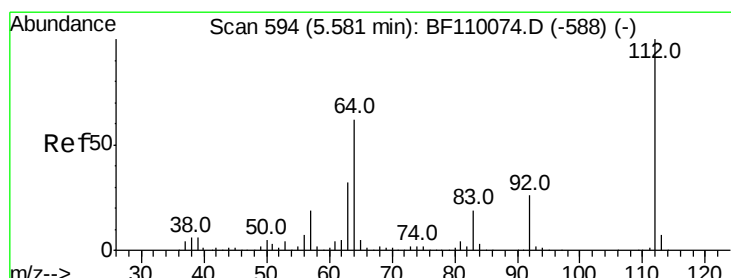
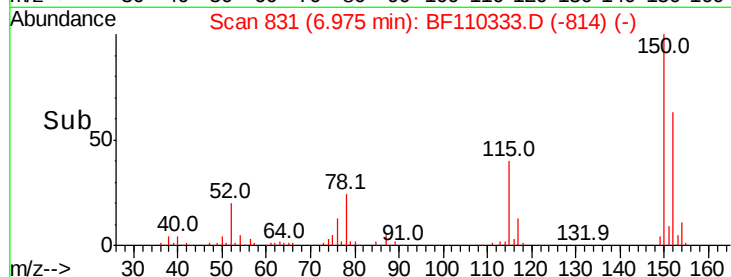
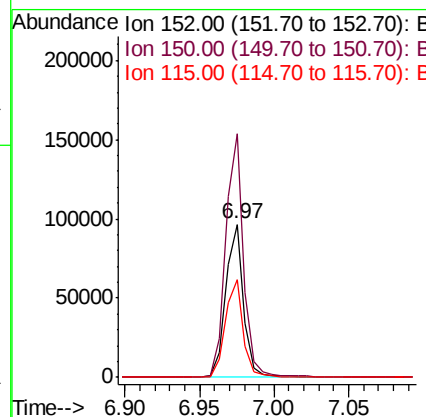
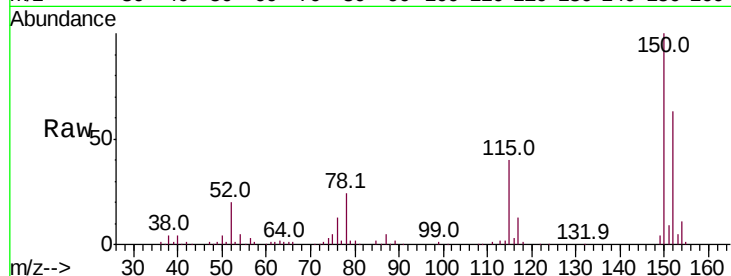
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF110333.D
Acq: 31 Oct 2018 15:26

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	122.7	184.1
115	63.7	49.1	73.7

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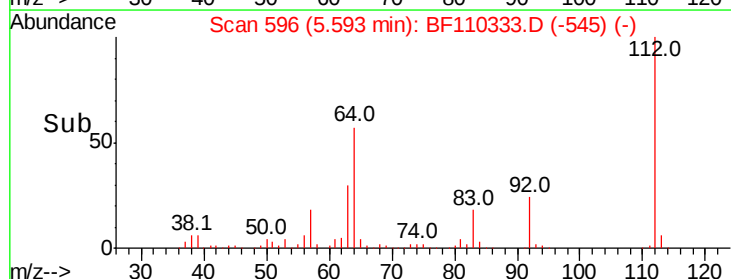
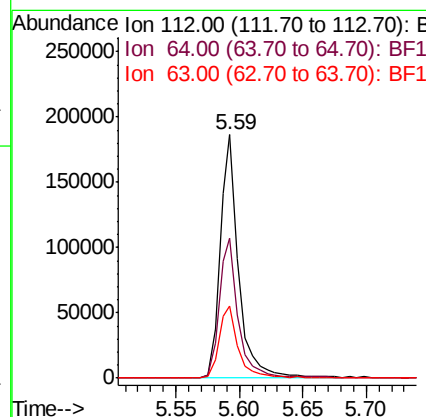
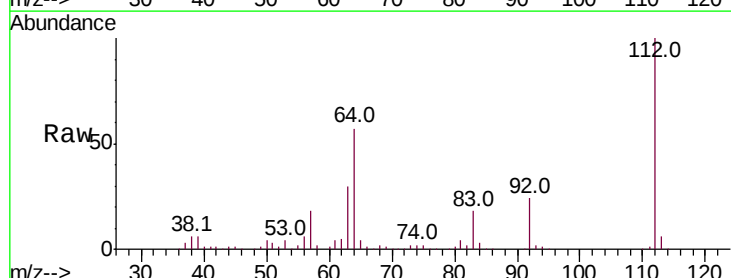
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#5

2-Fluorophenol
Concen: 38.149 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF110333.D
Acq: 31 Oct 2018 15:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	44.1	66.1
63	29.8	23.7	35.5





#7

Phenol-d6

Concen: 35.870 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110333.D

Acq: 31 Oct 2018 15:26

Instrument :

BNA_F

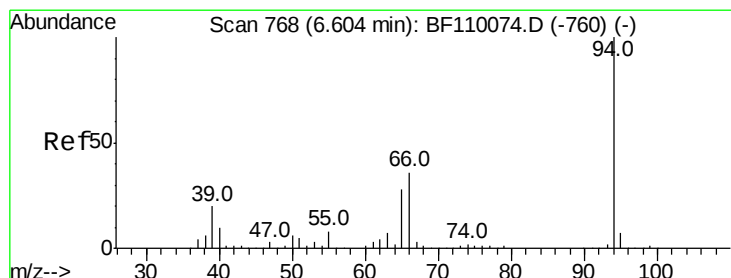
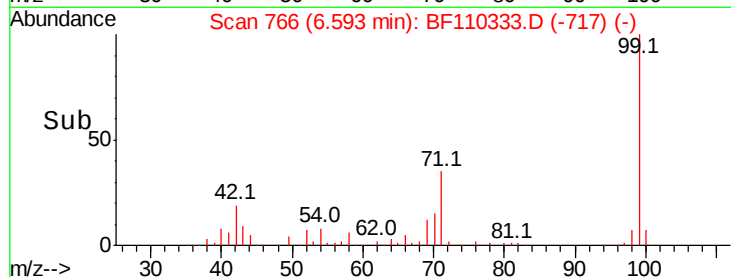
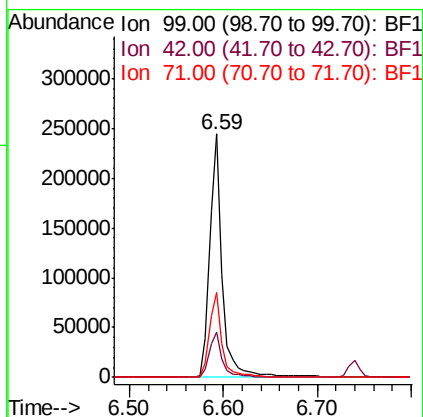
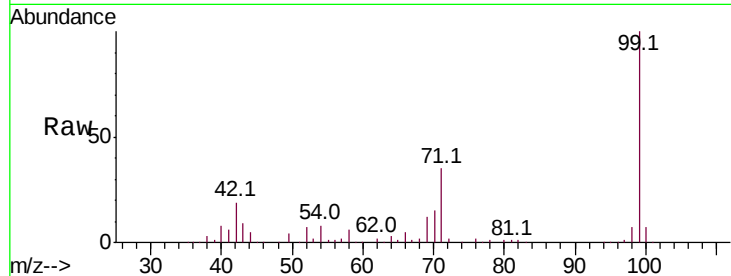
ClientSampleId :

PL-02-103018-C

Tot Ion:	99	Resp:	230477
Ion Ratio	Lower	Upper	
99	100		
42	18.8	15.8	23.6
71	34.7	28.0	42.0

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#10

Phenol

Concen: 2.138 ng

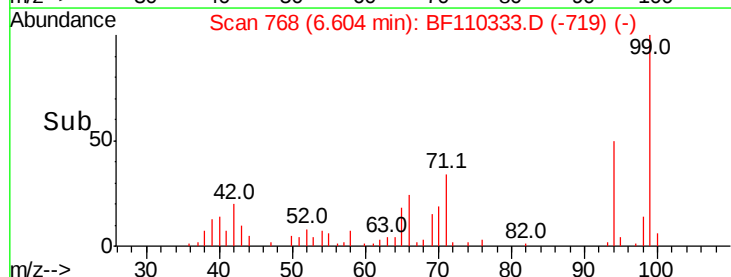
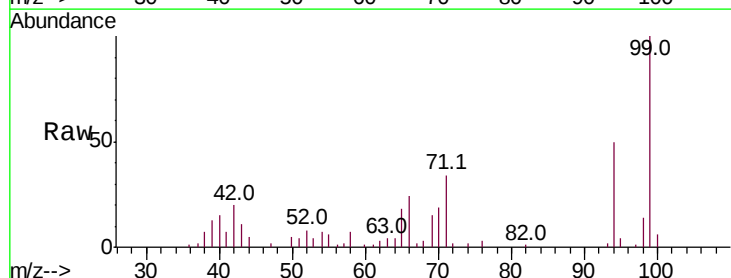
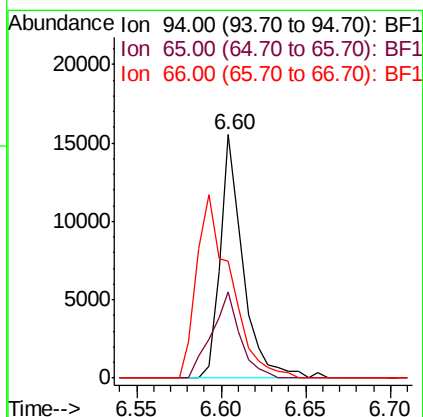
RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110333.D

Acq: 31 Oct 2018 15:26

Tgt Ion:	94	Resp:	14686
Ion Ratio	Lower	Upper	
94	100		
65	35.5	25.3	65.3
66	48.3	54.5	94.5#





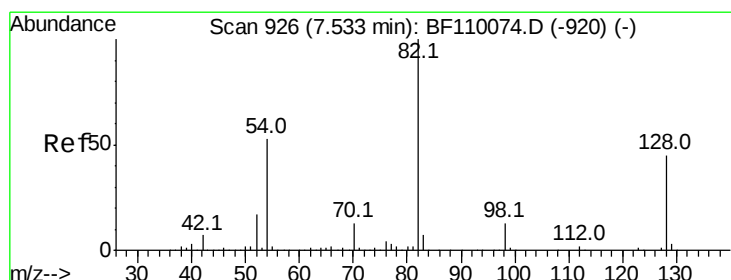
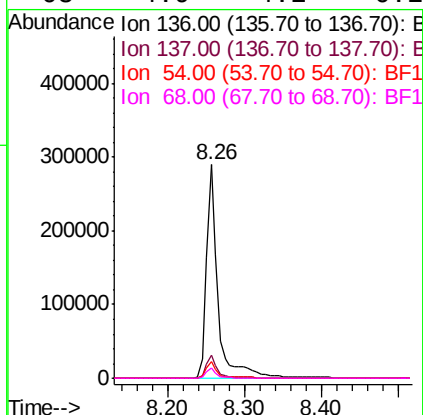
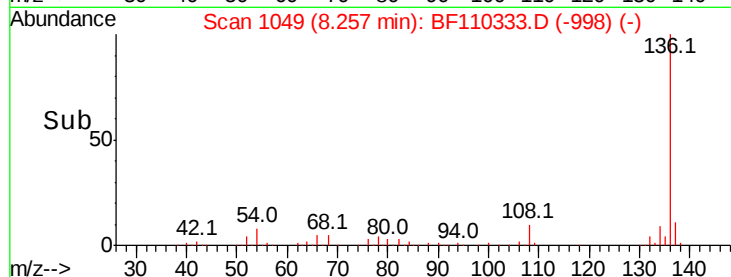
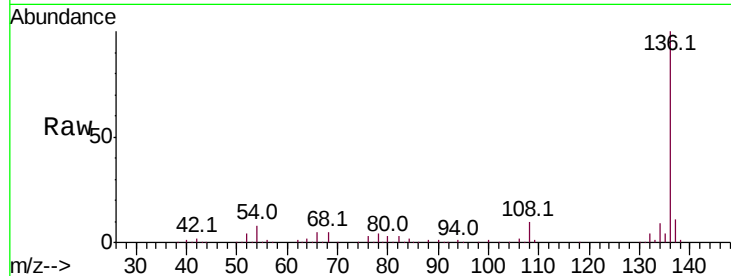
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF110333.D
Acq: 31 Oct 2018 15:26

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.8	13.2	
54	8.0	5.4	8.2	
68	4.9	4.2	6.2	

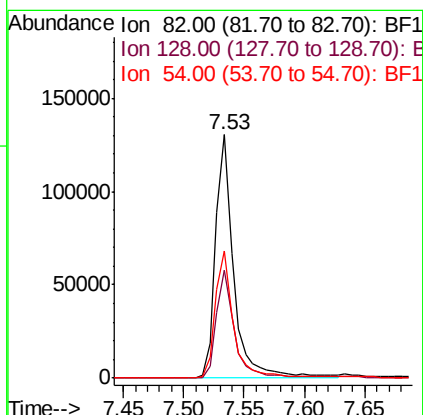
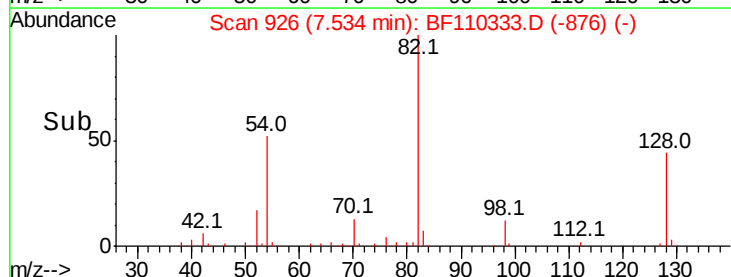
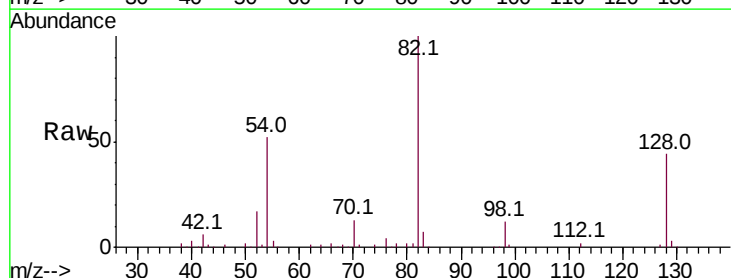
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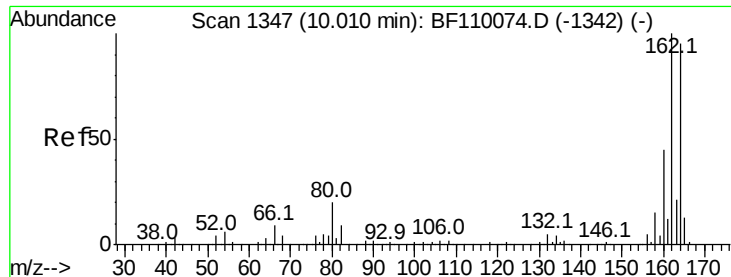
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#23
Nitrobenzene-d5
Concen: 26.309 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF110333.D
Acq: 31 Oct 2018 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.3	34.2	51.2	
54	52.2	38.6	58.0	





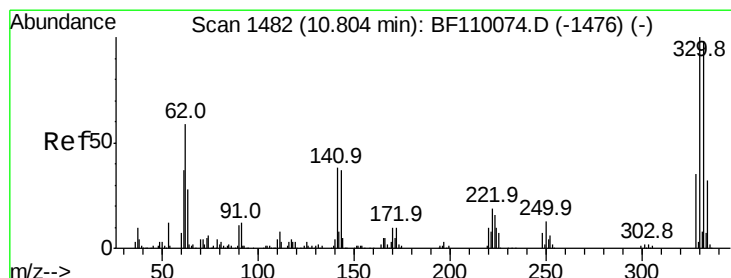
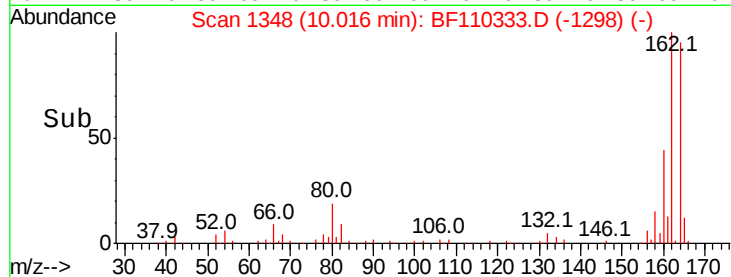
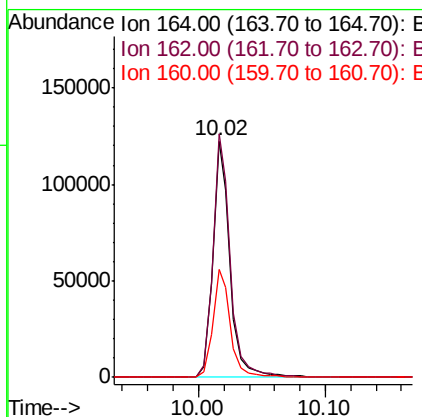
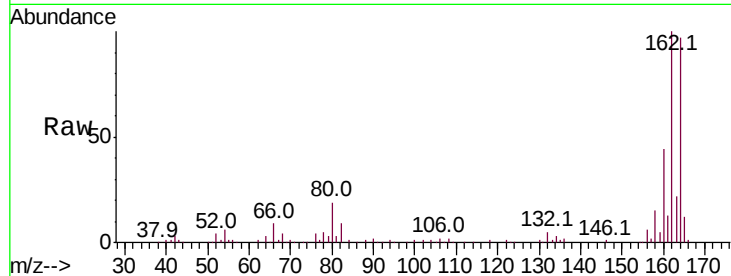
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110333.D
Acq: 31 Oct 2018 15:26

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.0	124.6
160	45.5	37.0	55.6

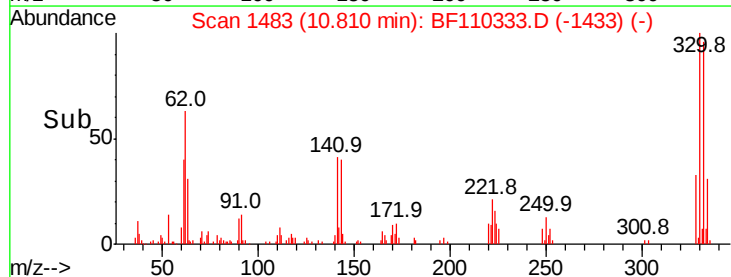
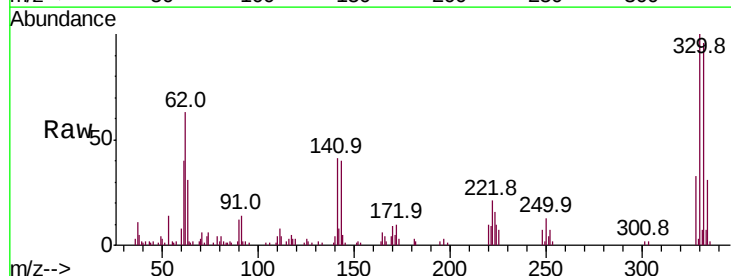
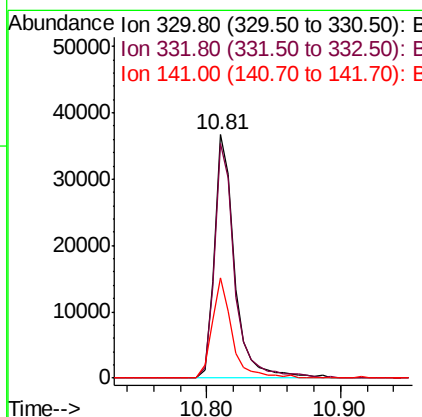
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#42
2,4,6-Tribromophenol
Concen: 33.959 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BF110333.D
Acq: 31 Oct 2018 15:26

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	40.1	27.0	40.4





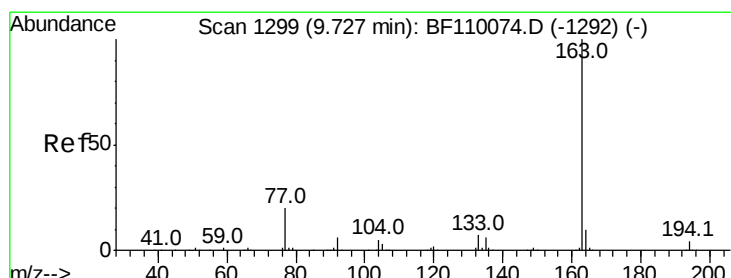
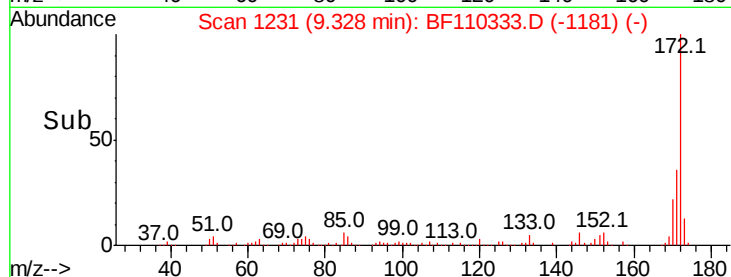
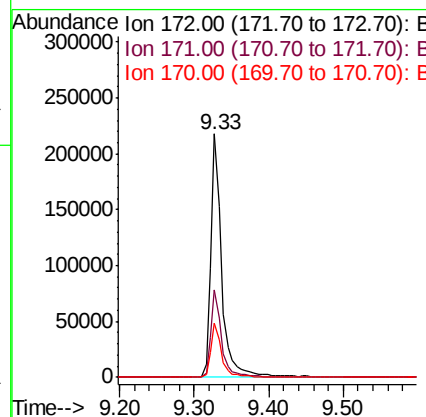
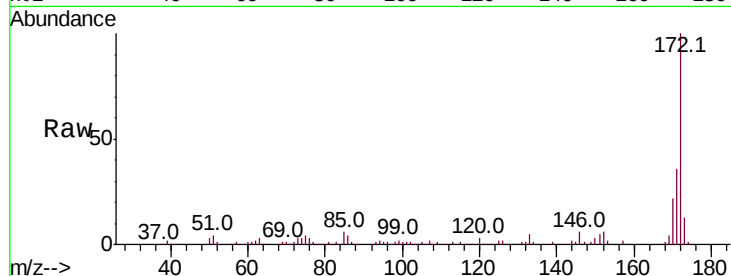
#45
2-Fluorobiphenyl
Concen: 30.042 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110333.D
Acq: 31 Oct 2018 15:26

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

Tot Ion	Ratio	Resp	Lower	Upper
172	100	223741		
171	35.7		28.6	43.0
170	22.5		19.7	29.5

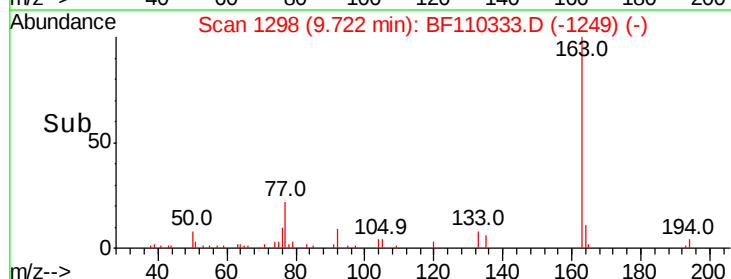
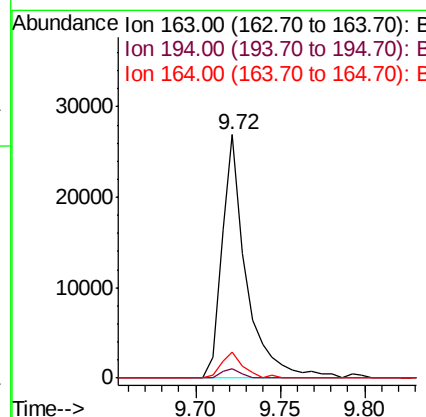
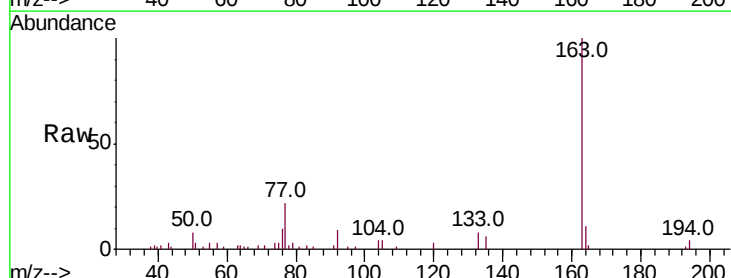
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#50
Dimethylphthalate
Concen: 3.128 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF110333.D
Acq: 31 Oct 2018 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	27005		
194	3.7		3.2	4.8
164	10.6		8.1	12.1





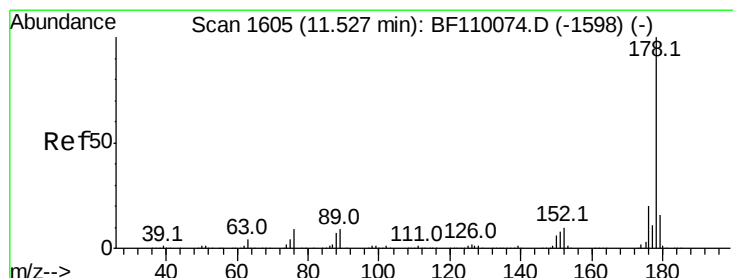
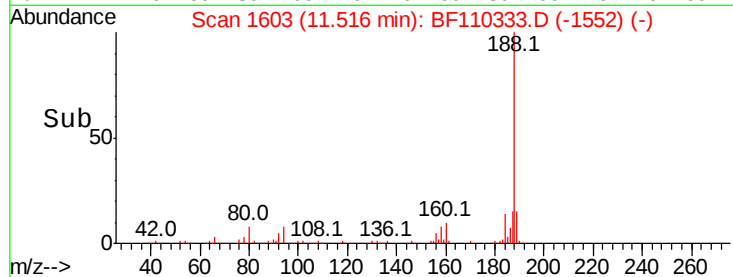
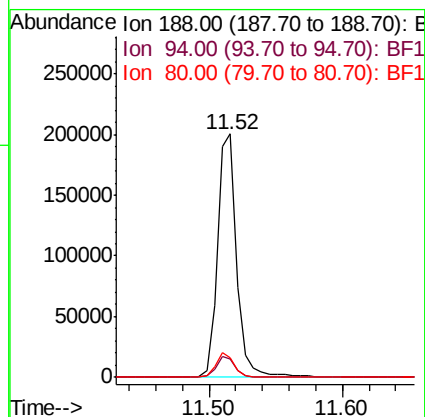
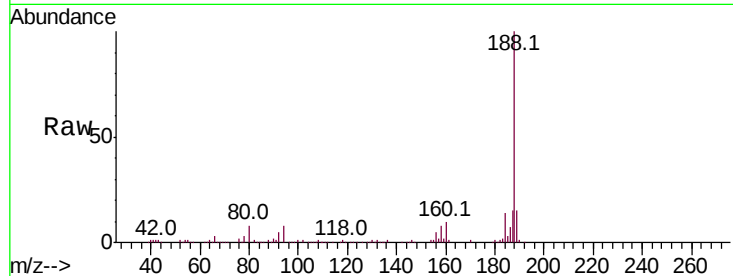
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF110333.D
Acq: 31 Oct 2018 15:26

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

Tot Ion	Ratio	Resp	Lower	Upper
188	100	202042		
94	7.7		7.2	10.8
80	8.2		7.9	11.9

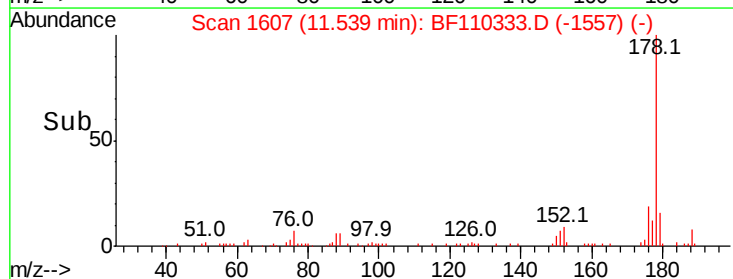
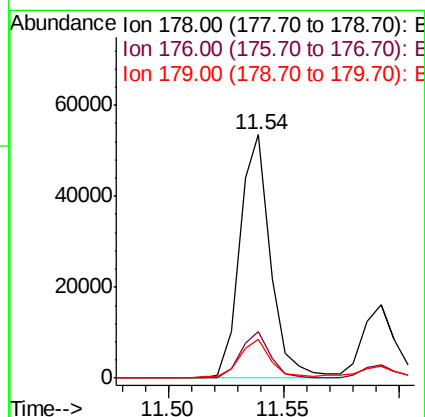
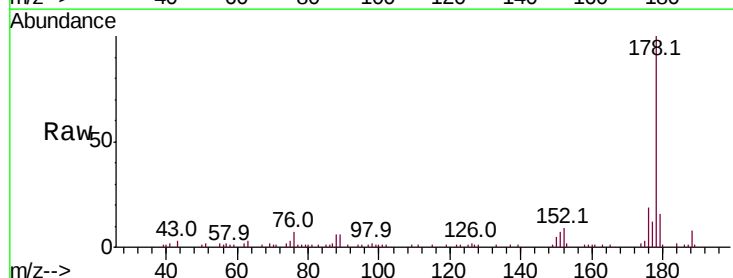
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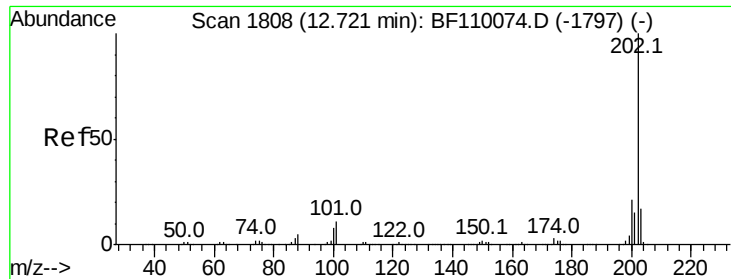
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#71
Phenanthrene
Concen: 4.725 ng
RT: 11.54 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BF110333.D
Acq: 31 Oct 2018 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	49955		
176	18.9		15.5	23.3
179	15.8		12.5	18.7





#75

Fluoranthene

Concen: 7.799 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF110333.D

Acq: 31 Oct 2018 15:26

Instrument :

BNA_F

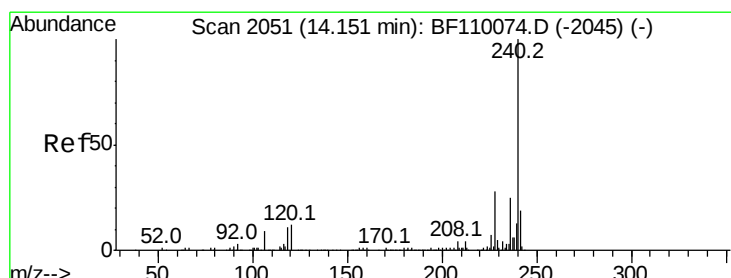
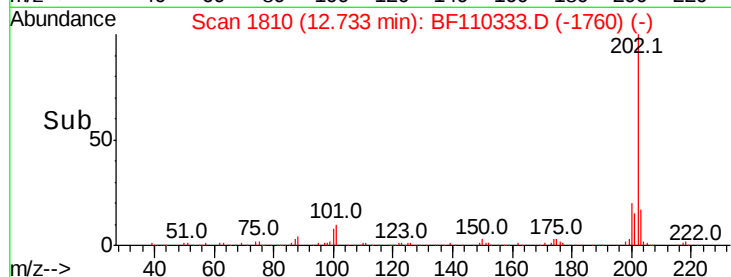
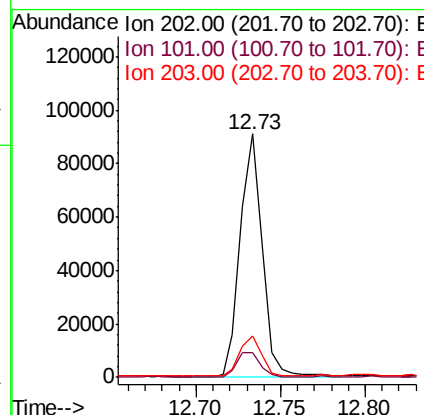
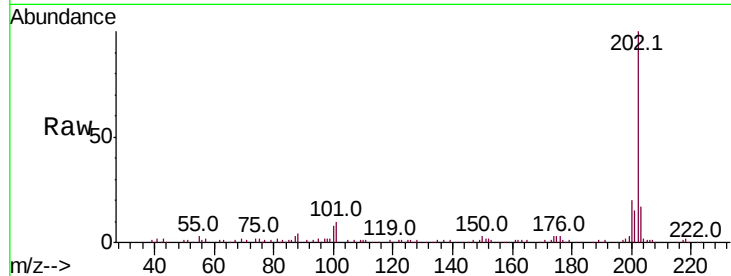
ClientSampleId :

PL-02-103018-C

Tot Ion:	202	Resp:	83680
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	31.4
203	16.9	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

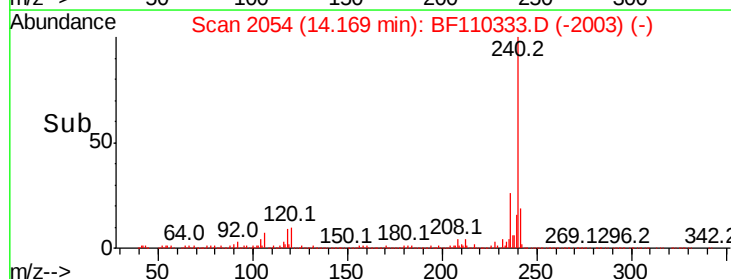
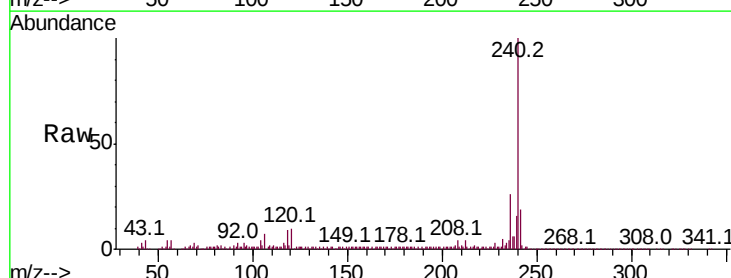
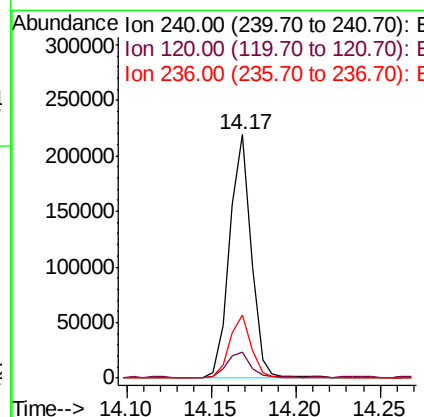
RT: 14.17 min Scan# 2054

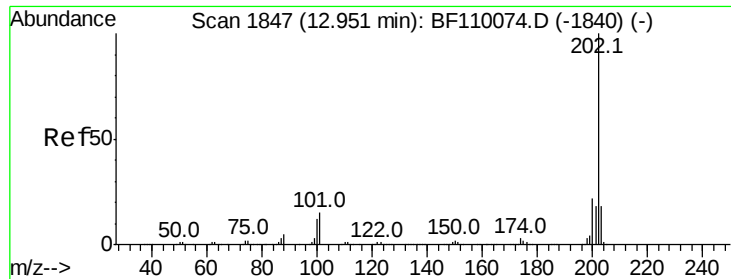
Delta R.T. 0.00 min

Lab File: BF110333.D

Acq: 31 Oct 2018 15:26

Tgt Ion:	240	Resp:	193558
Ion Ratio	Lower	Upper	
240	100		
120	10.5	8.3	12.5
236	25.8	21.2	31.8





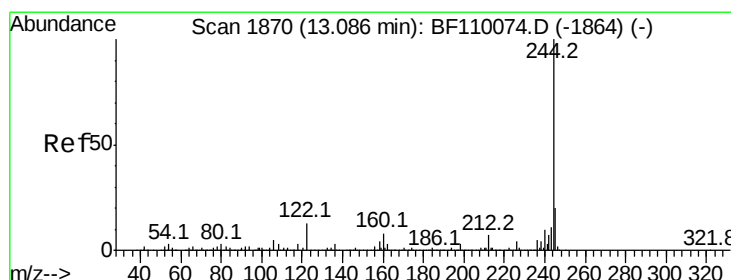
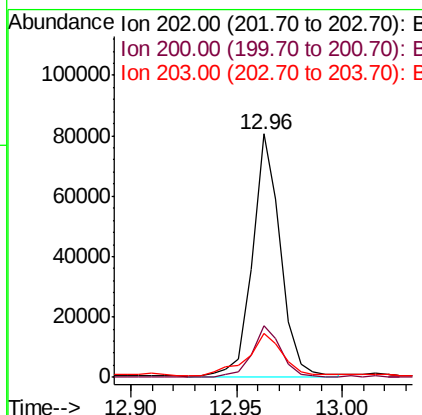
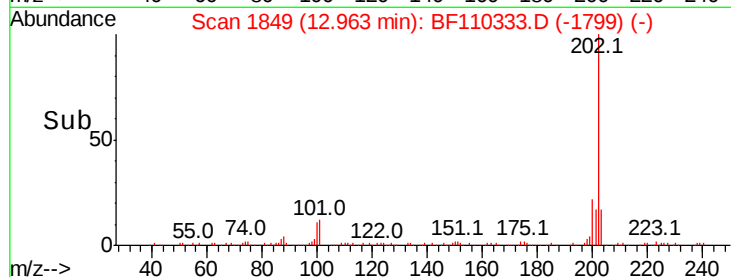
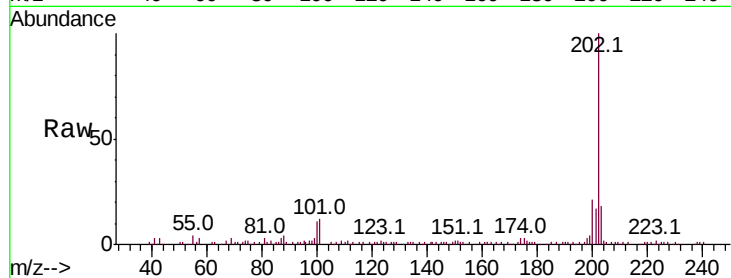
#78
Pvrene
Concen: 5.293 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF110333.D
Acq: 31 Oct 2018 15:26

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

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.8	26.6
203	18.0	14.2	21.4

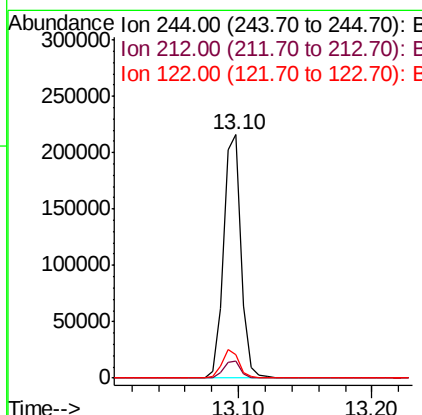
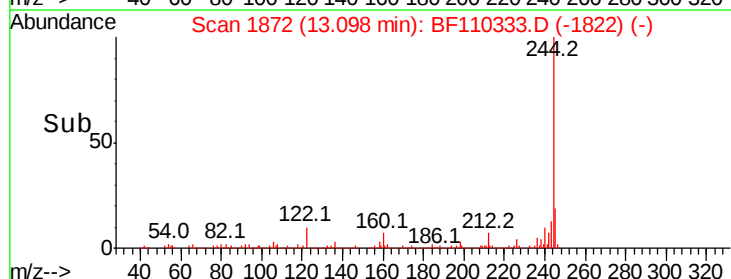
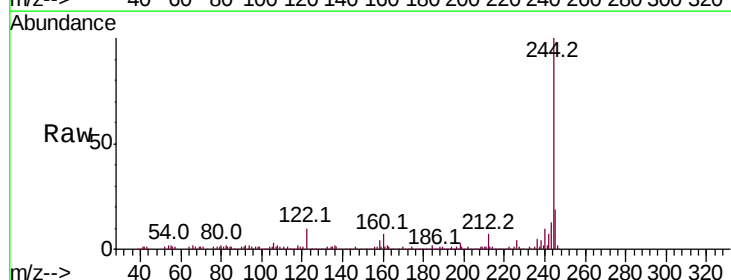
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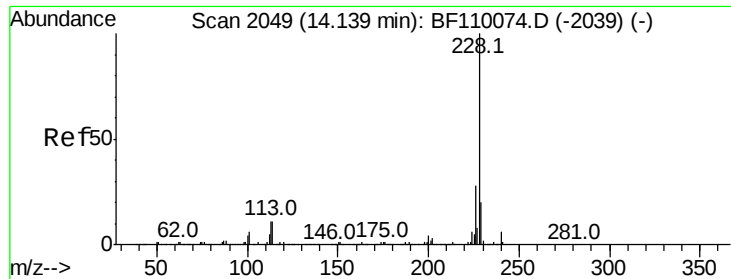
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#79
Terphenyl-d14
Concen: 21.543 ng
RT: 13.10 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BF110333.D
Acq: 31 Oct 2018 15:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	9.7	8.7	13.1





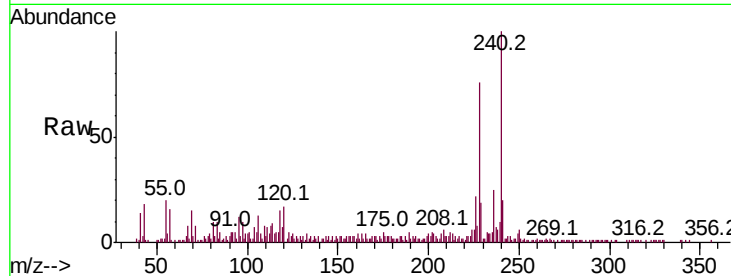
#81
Benzo(a)anthracene
Concen: 3.145 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110333.D
Acq: 31 Oct 2018 15:26

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.1	33.1
229	25.1	15.6	23.4

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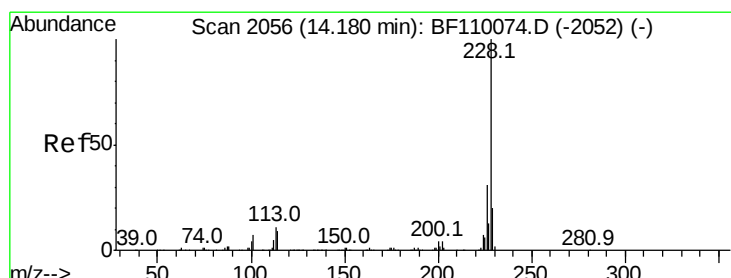
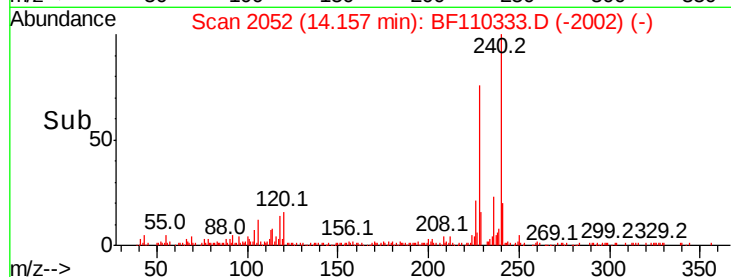
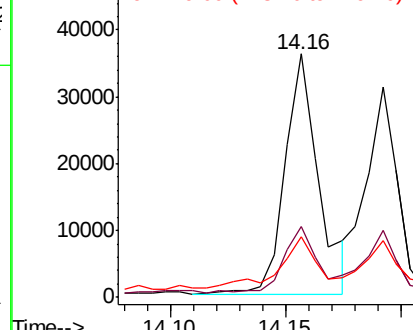


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83
Chrysene
Concen: 2.700 ng
RT: 14.19 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BF110333.D
Acq: 31 Oct 2018 15:26

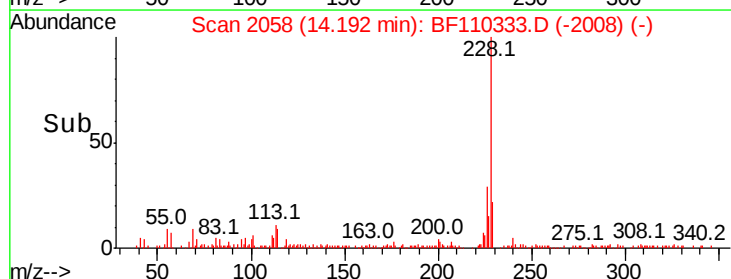
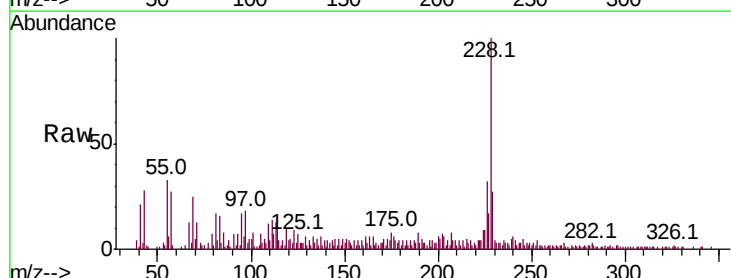
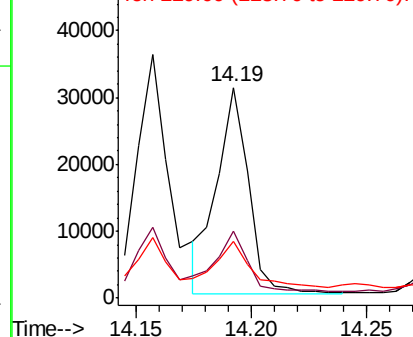
Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.7	37.1
229	26.8	15.9	23.9

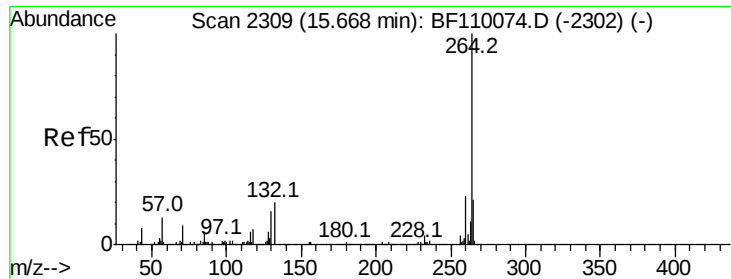
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





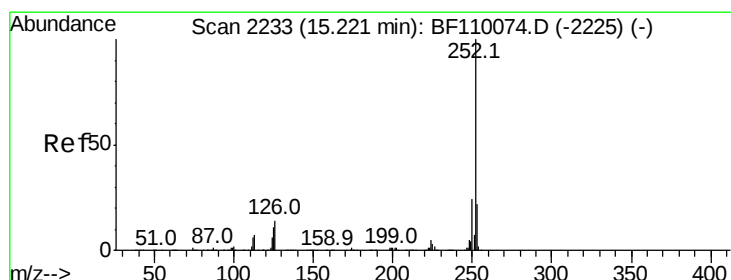
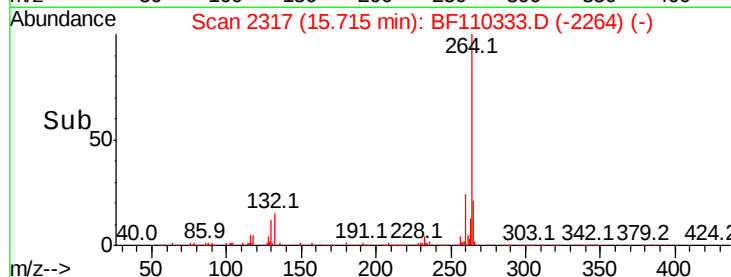
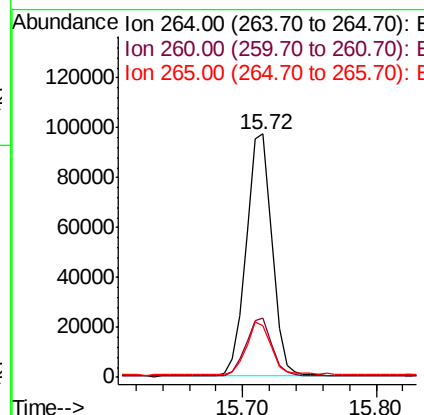
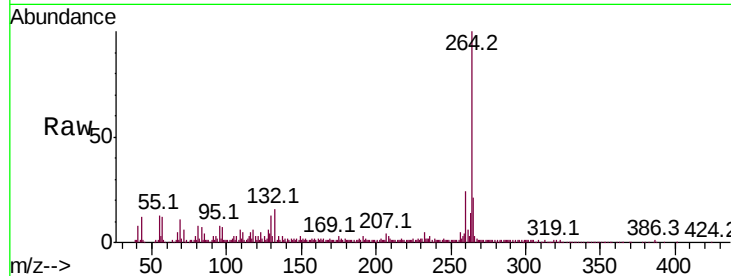
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.72 min Scan# 2317
Delta R.T. 0.01 min
Lab File: BF110333.D
Acq: 31 Oct 2018 15:26

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.3	16.7	25.1

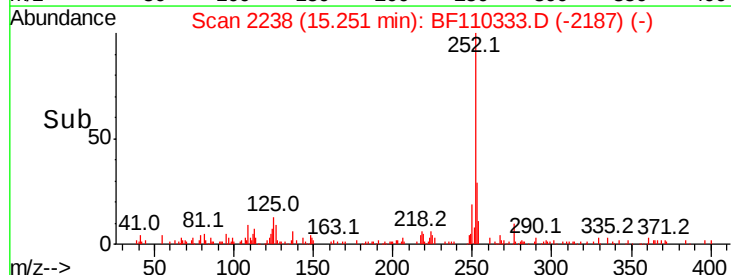
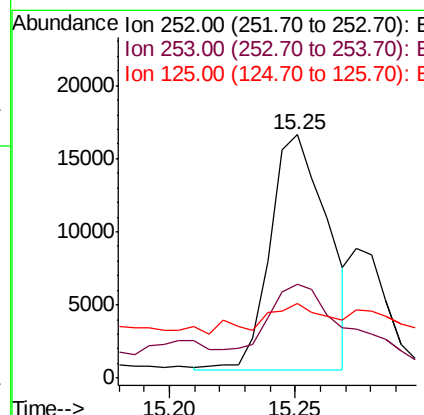
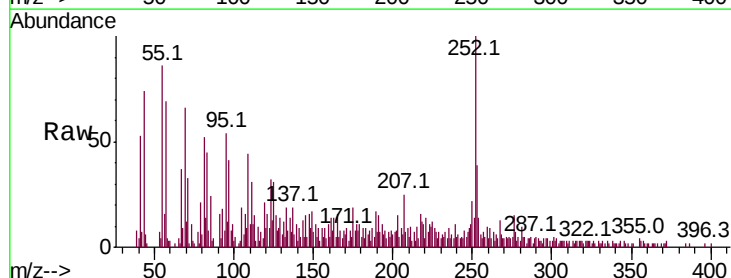
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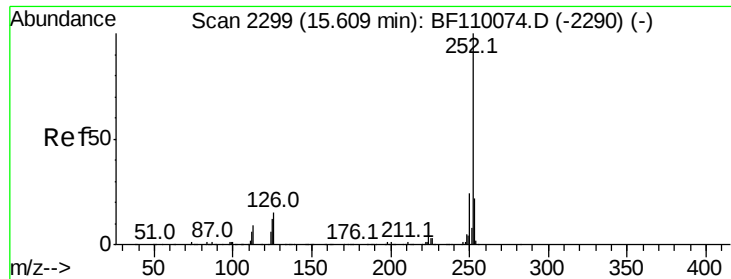
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#88
Benzo(b)fluoranthene
Concen: 3.425 ng m
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF110333.D
Acq: 31 Oct 2018 15:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	38.7	17.2	25.8#
125	30.8	8.2	12.4#





#90
Benzo(a)pyrene
Concen: 2.383 ng
RT: 15.64 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BF110333.D
Acq: 31 Oct 2018 15:26

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.5	18.2	27.4#
125	33.7	9.0	13.6#

Manual Integrations
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11/1/2018 10:45:59 AM

