

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
 Data File : BF109905.D
 Acq On : 16 Oct 2018 15:13
 Operator : JU/SJ
 Sample : J5526-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-4B-C-101518-2

Manual Integrations
 APPROVED

Sohil
 10/17/2018 11:15:17 AM

Quant Time: Oct 16 16:38:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	267527	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	976482	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	365653	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	547104	20.00	ng	0.00
76) Chrysene-d12	14.16	240	634306	20.00	ng	0.00
87) Perylene-d12	15.69	264	665754	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1284944	76.13	ng	0.00
7) Phenol-d6	6.60	99	1584260	75.60	ng	0.00
23) Nitrobenzene-d5	7.54	82	957231	66.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	234687	74.13	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	1458609	63.65	ng	0.00
79) Terphenyl-d14	13.10	244	1145182	37.91	ng	0.00
Target Compounds						
10) Phenol	6.61	94	74642	3.299	ng	Qvalue # 59
50) Dimethylphthalate	9.73	163	205564	7.939	ng	98
71) Phenanthrene	11.53	178	86911	3.068	ng	100
75) Fluoranthene	12.73	202	201601	7.125	ng	98
78) Pyrene	12.96	202	188717	4.051	ng	99
81) Benzo(a)anthracene	14.14	228	107366	2.874	ng	99
83) Chrysene	14.18	228	102530	2.883	ng	96
88) Benzo(b)fluoranthene	15.23	252	146189m	3.809	ng	
90) Benzo(a)pyrene	15.62	252	106466	3.016	ng	# 97

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

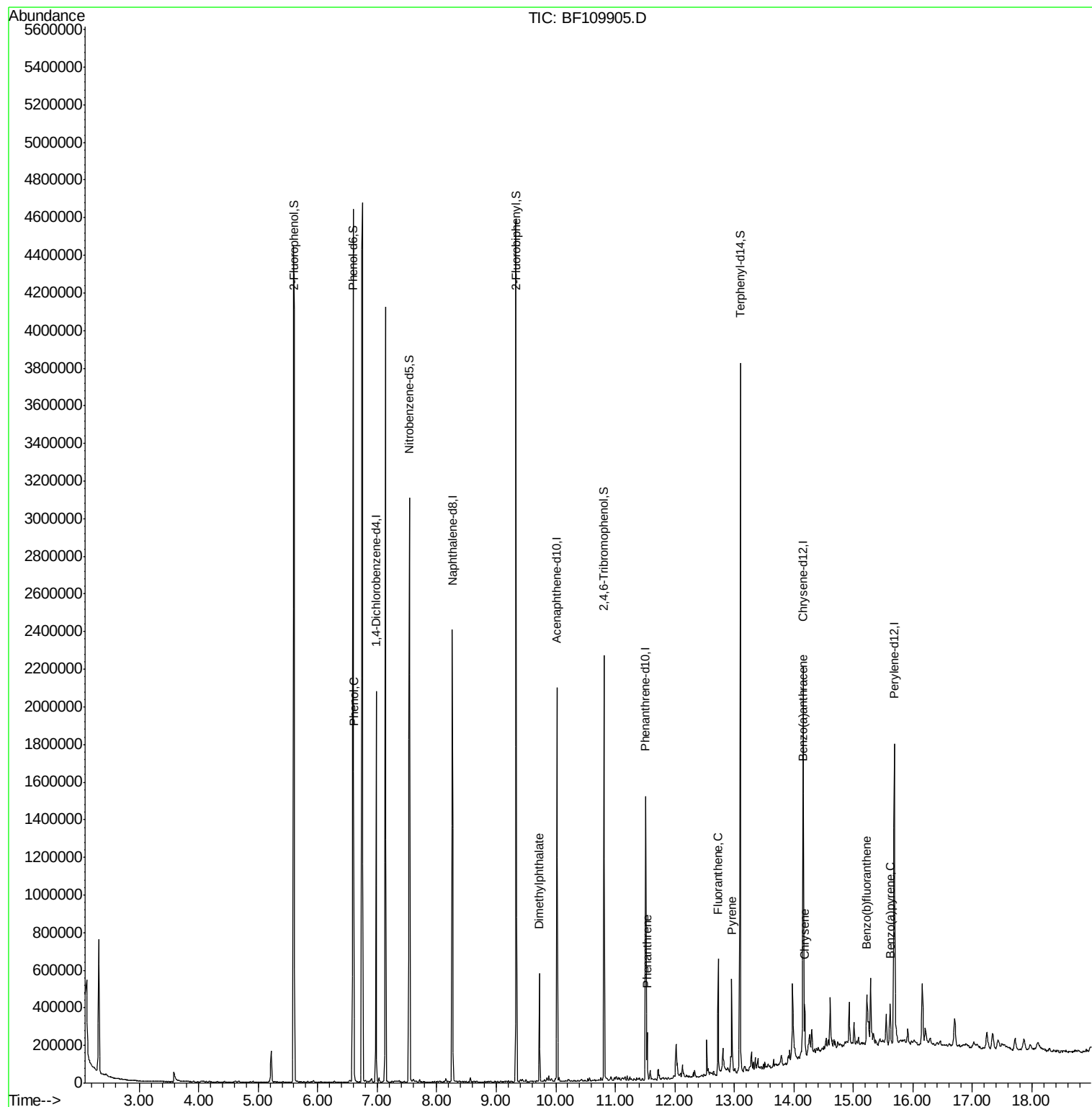
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
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Sample : J5526-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

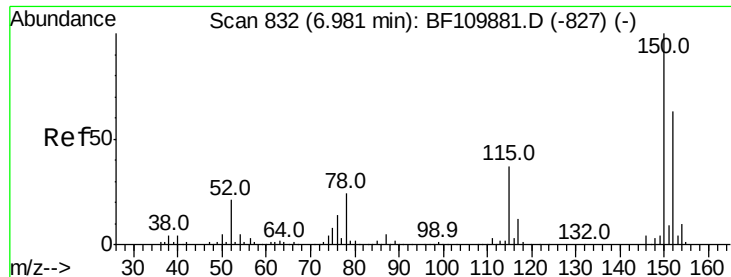
Instrument :
BNA_F
ClientSampleId :
SUP-4B-C-101518-2

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Quant Time: Oct 16 16:38:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

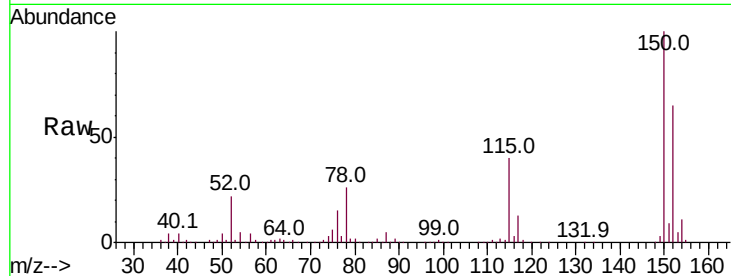
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF109905.D
 Acq: 16 Oct 2018 15:13

Instrument :
 BNA_F
 ClientSampleId :
 SUP-4B-C-101518-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	122.7	184.1
115	61.2	49.1	73.7

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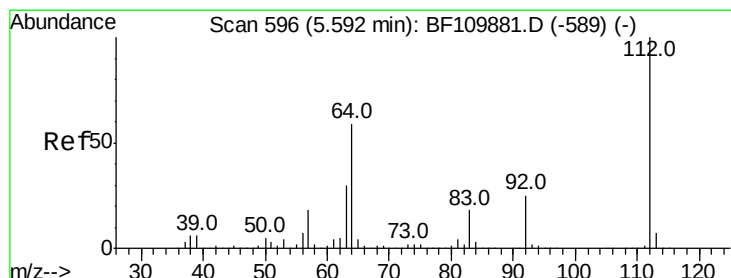
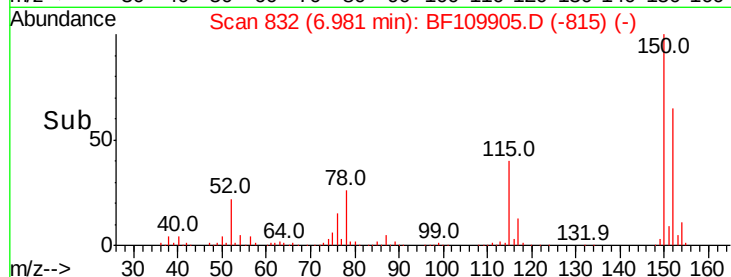
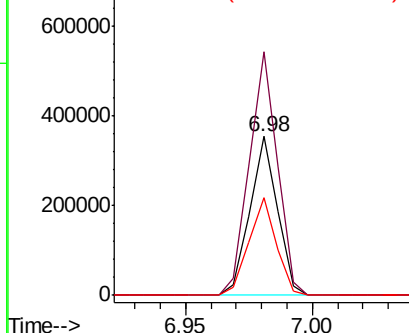


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

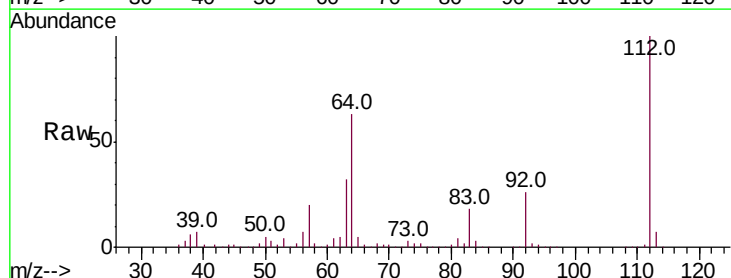
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 76.135 ng
 RT: 5.60 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF109905.D
 Acq: 16 Oct 2018 15:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	44.1	66.1
63	32.4	23.7	35.5

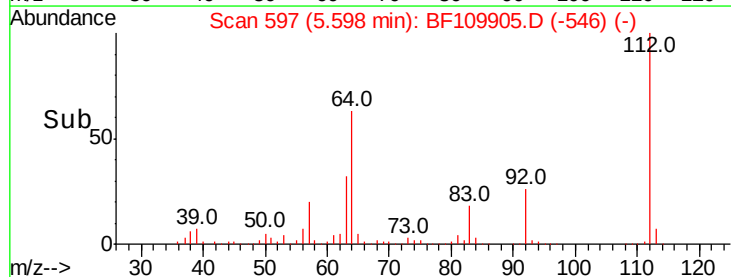
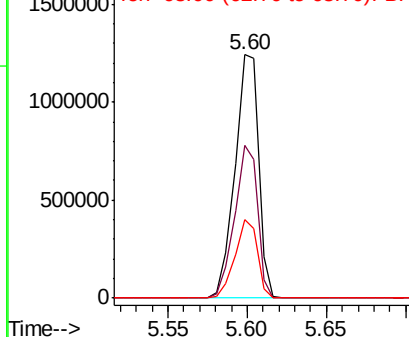


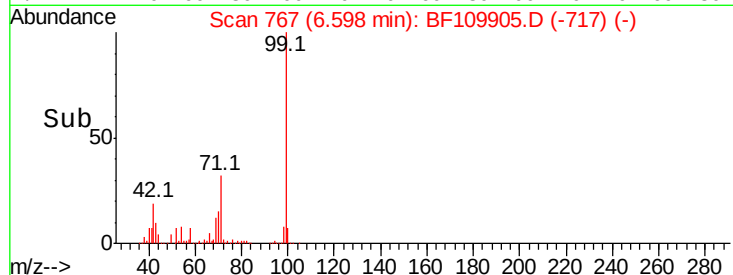
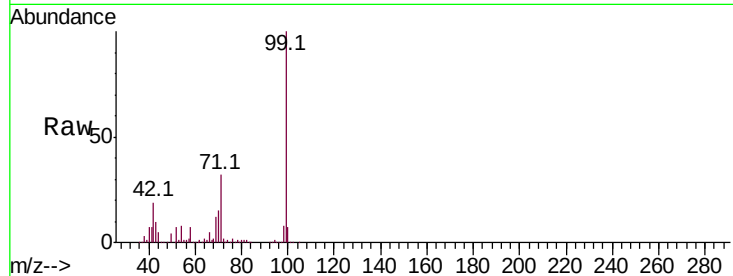
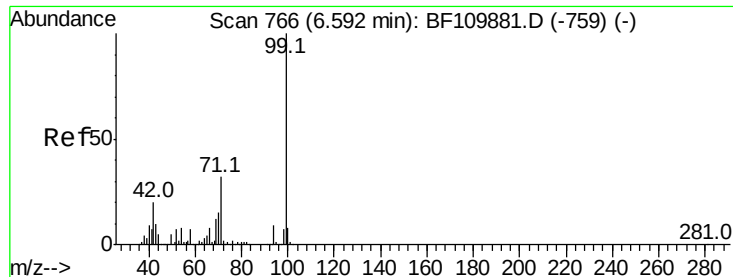
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 75.595 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF109905.D

Acq: 16 Oct 2018 15:13

Tot Ion:	99	Resp:	1584260
Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.8	23.6
71	32.2	28.0	42.0

Instrument :

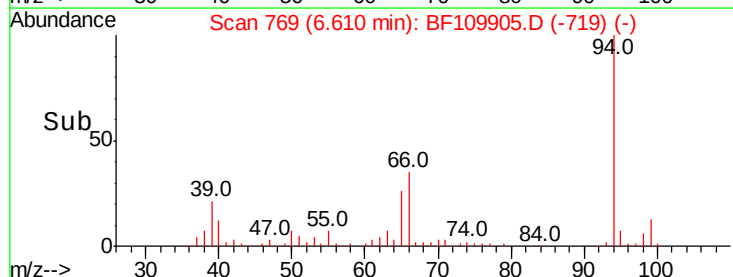
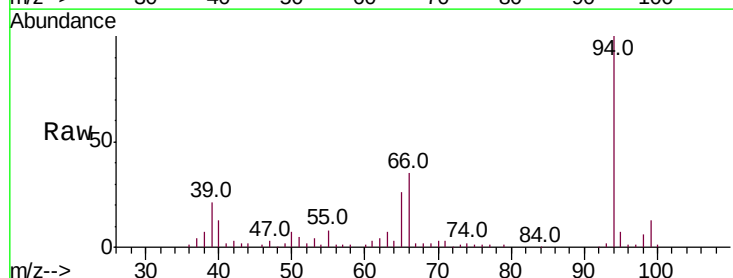
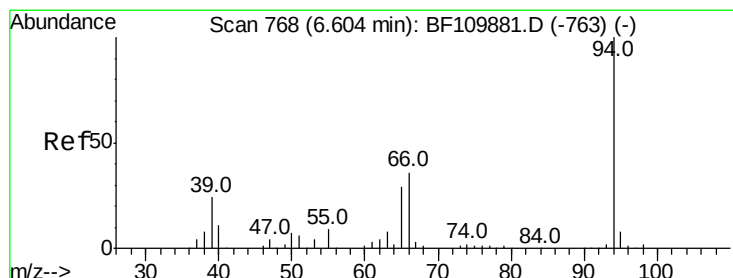
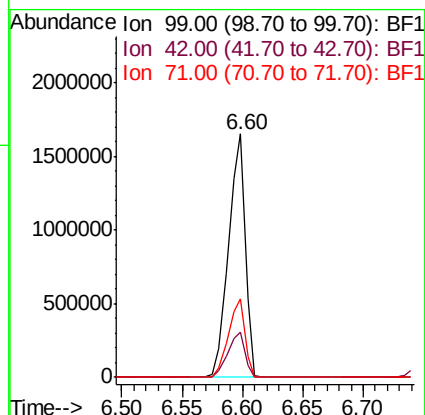
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 3.299 ng

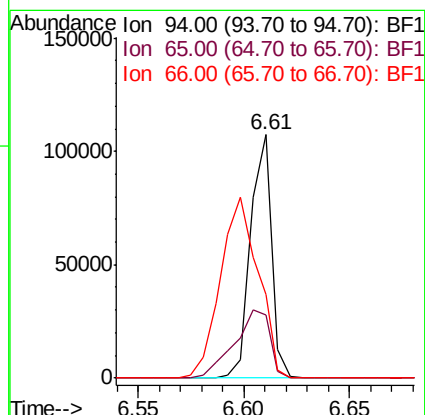
RT: 6.61 min Scan# 769

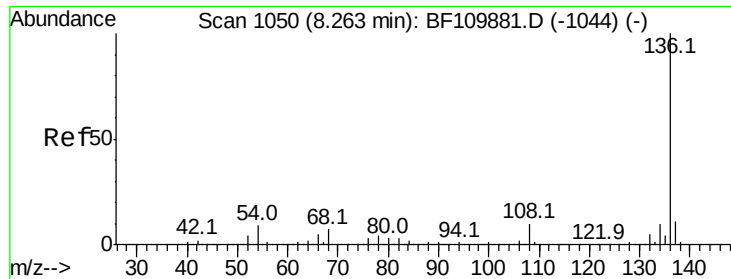
Delta R.T. -0.01 min

Lab File: BF109905.D

Acq: 16 Oct 2018 15:13

Tgt Ion:	94	Resp:	74642
Ion	Ratio	Lower	Upper
94	100		
65	25.7	25.3	65.3
66	34.5	54.5	94.5#





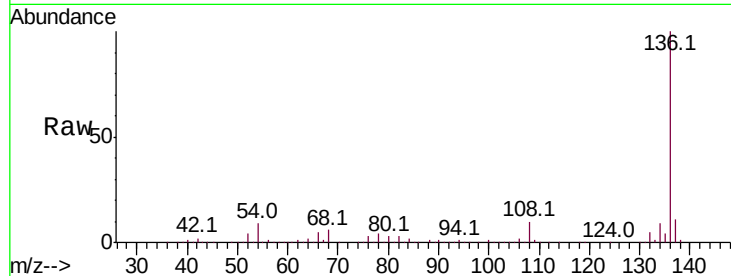
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF109905.D
Acq: 16 Oct 2018 15:13

Instrument :
BNA_F
ClientSampleId :
SUP-4B-C-101518-2

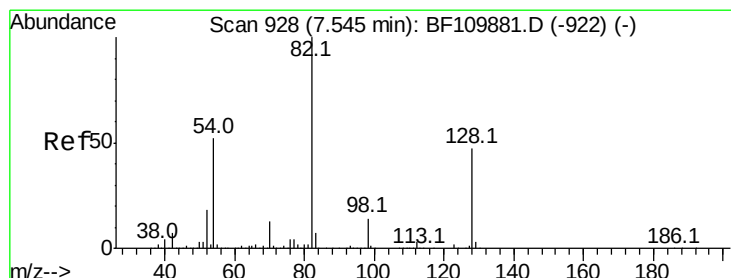
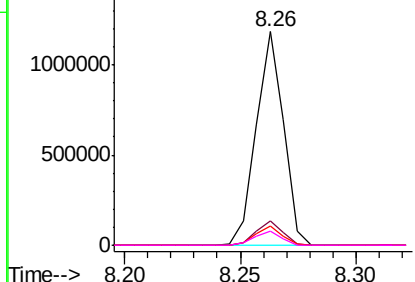
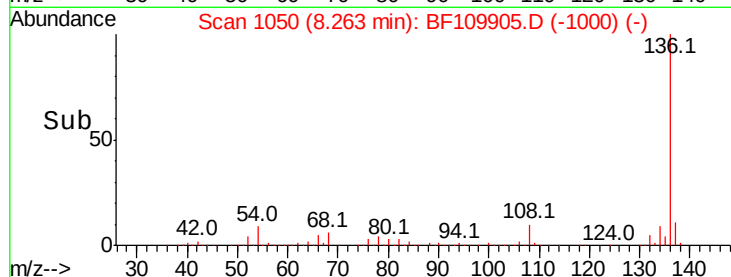
Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.9	5.4	8.2#
68	6.5	4.2	6.2#

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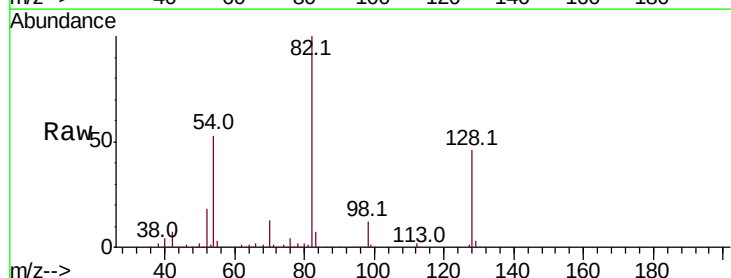


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

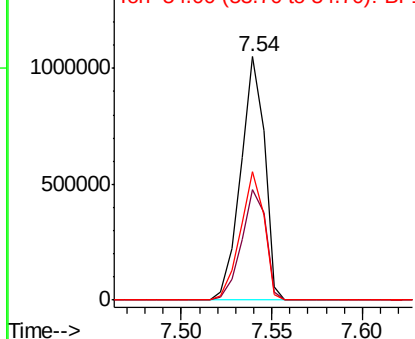
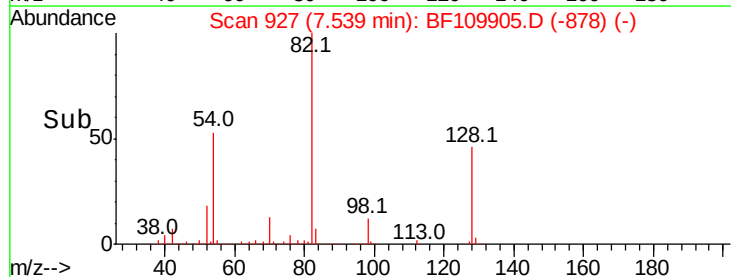


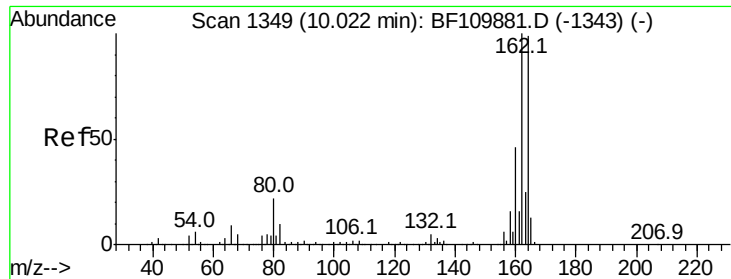
#23
Nitrobenzene-d5
Concen: 66.036 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109905.D
Acq: 16 Oct 2018 15:13

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	45.6	34.2	51.2
54	52.6	38.6	58.0



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





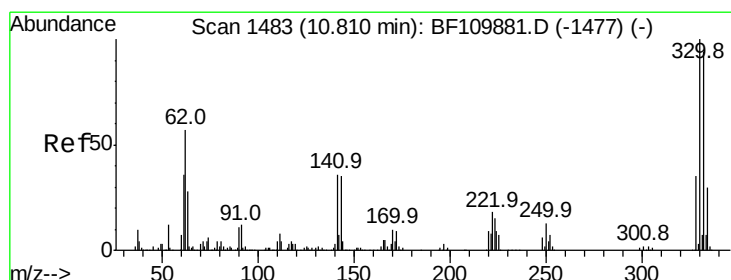
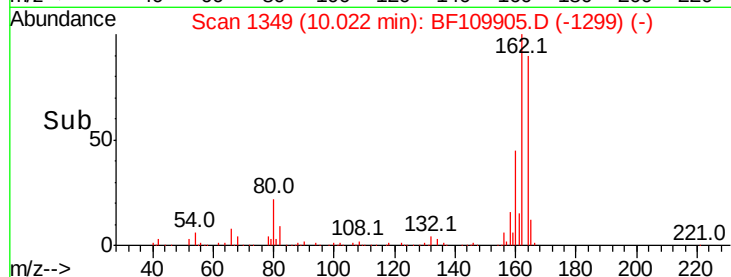
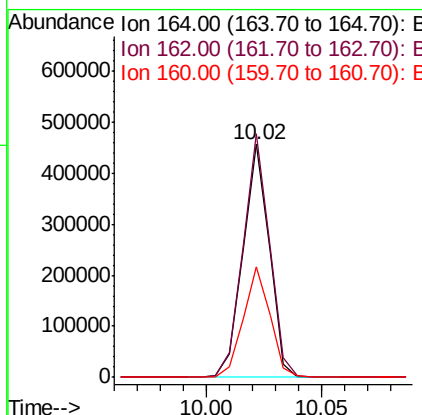
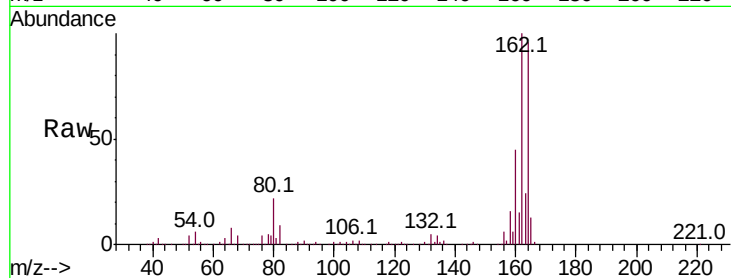
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF109905.D
Acq: 16 Oct 2018 15:13

Instrument :
BNA_F
ClientSampleId :
SUP-4B-C-101518-2

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.4	83.0	124.6
160	47.3	37.0	55.6

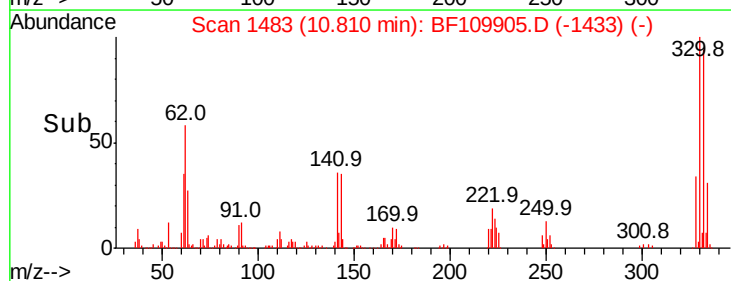
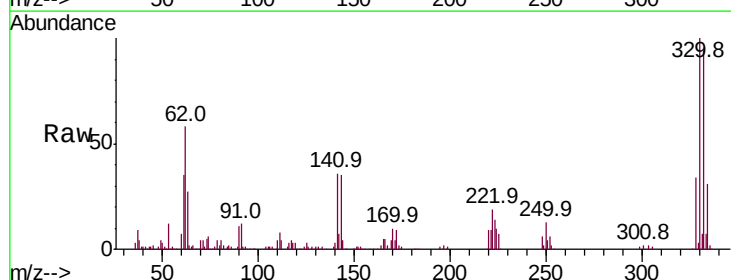
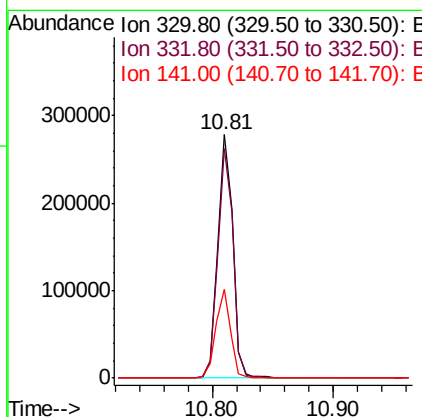
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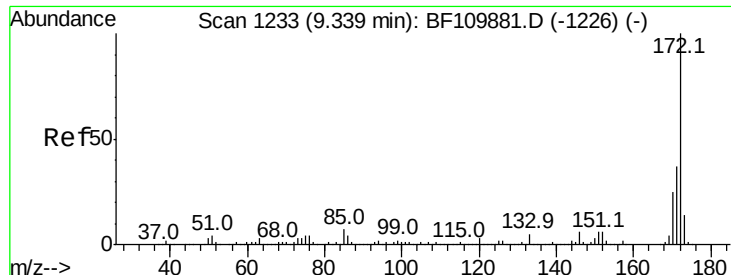
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#42
2,4,6-Tribromophenol
Concen: 74.134 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BF109905.D
Acq: 16 Oct 2018 15:13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.1	115.7
141	35.9	27.0	40.4





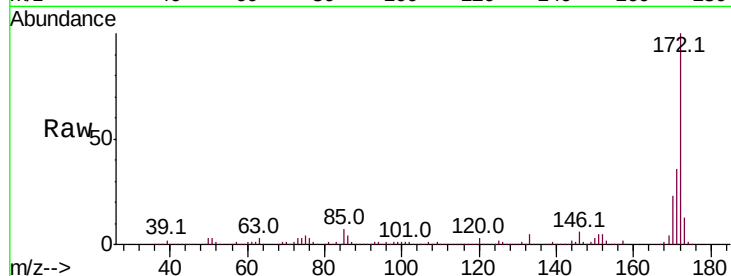
#45
2-Fluorobiphenyl
Concen: 63.652 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF109905.D
Acq: 16 Oct 2018 15:13

Instrument :
BNA_F
ClientSampleId :
SUP-4B-C-101518-2

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.4	19.7	29.5

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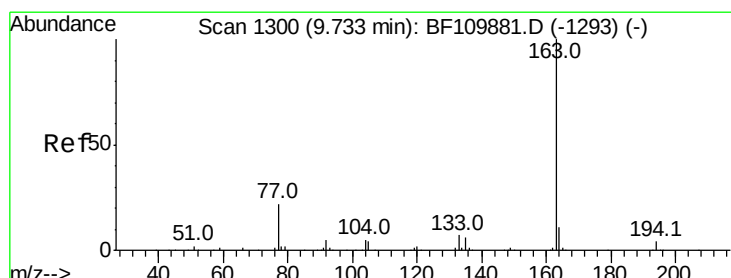
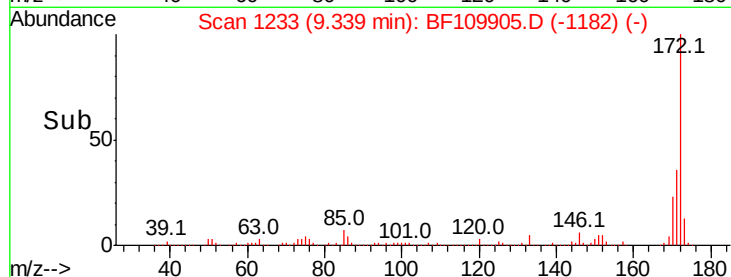
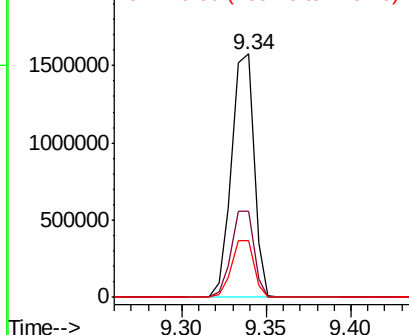


Abundance

Ion 172.00 (171.70 to 172.70): E

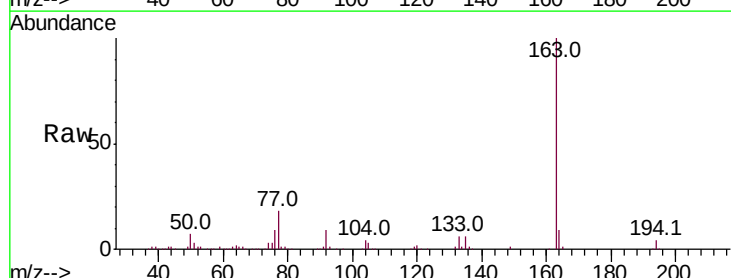
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 7.939 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109905.D
Acq: 16 Oct 2018 15:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	9.5	8.1	12.1

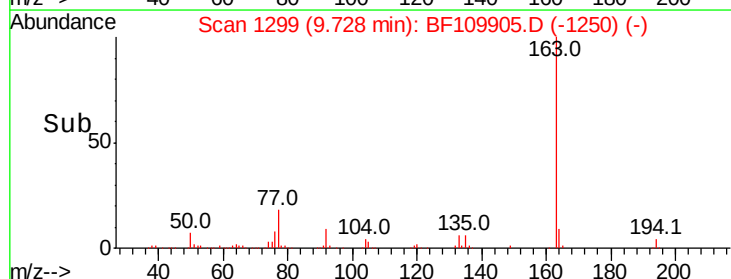
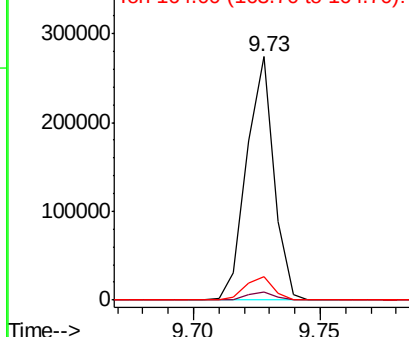


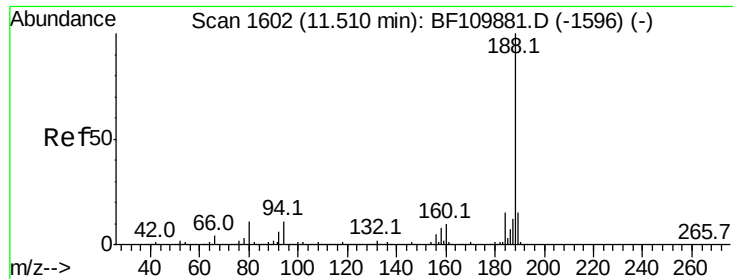
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BF109905.D

Acq: 16 Oct 2018 15:13

Instrument :

BNA_F

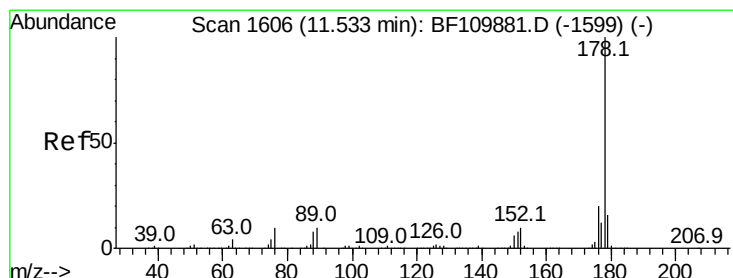
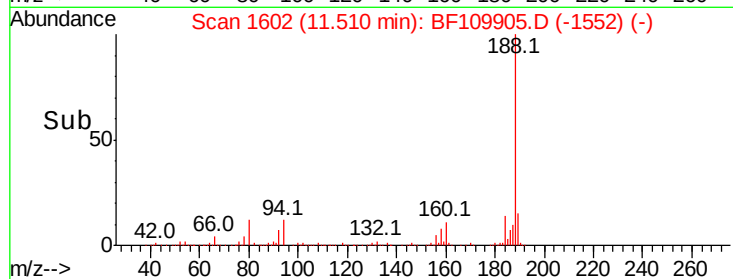
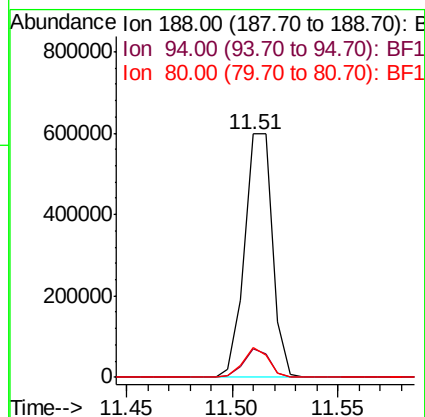
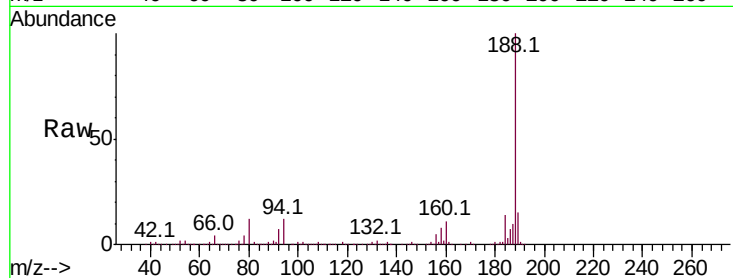
ClientSampleId :

SUP-4B-C-101518-2

Tot Ion:	188	Resp:	547104
Ion Ratio	Lower	Upper	
188	100		
94	11.6	7.2	10.8#
80	12.5	7.9	11.9#

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#71

Phenanthrene

Concen: 3.068 ng

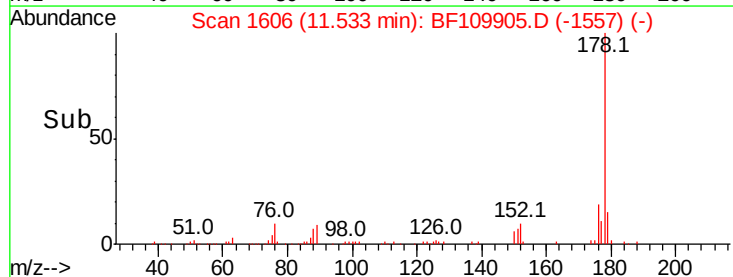
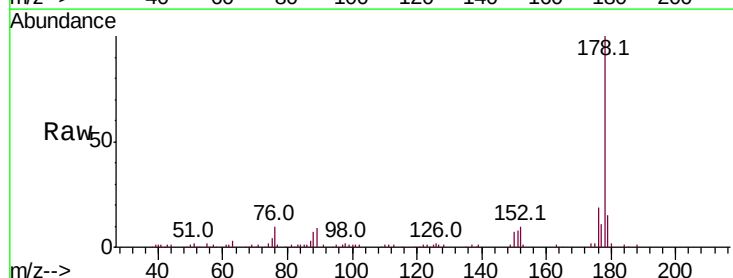
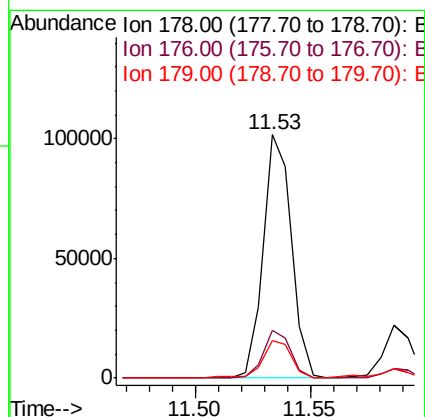
RT: 11.53 min Scan# 1606

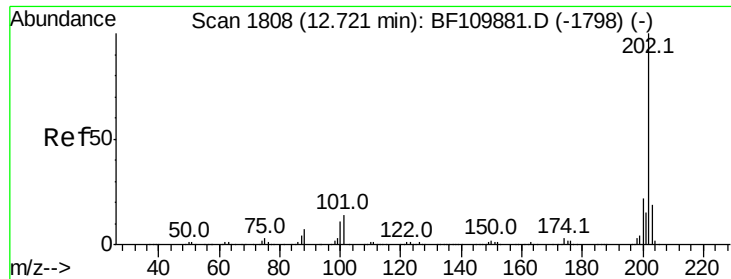
Delta R.T. -0.01 min

Lab File: BF109905.D

Acq: 16 Oct 2018 15:13

Tgt Ion:	178	Resp:	86911
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.5	23.3
179	15.4	12.5	18.7





#75

Fluoranthene

Concen: 7.125 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF109905.D

Acq: 16 Oct 2018 15:13

Instrument :

BNA_F

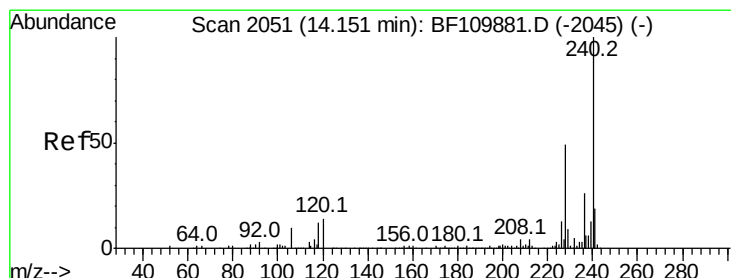
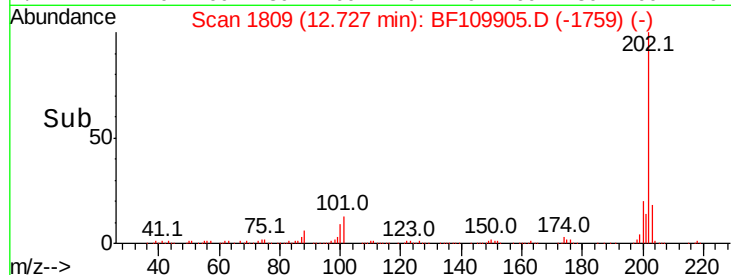
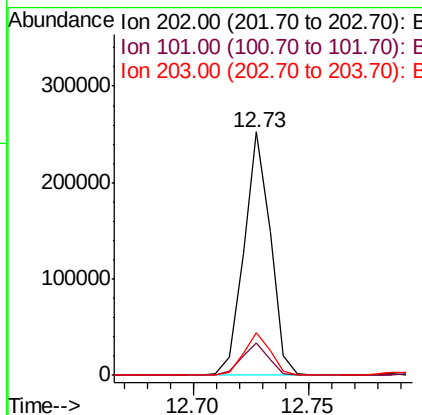
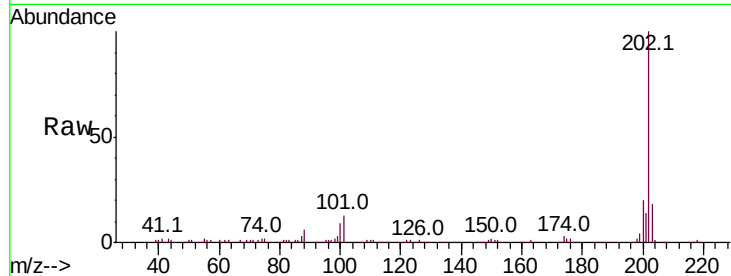
ClientSampleId :

SUP-4B-C-101518-2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.3	0.0	31.4
203	17.6	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

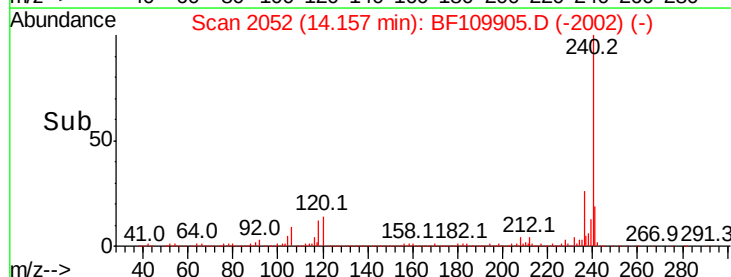
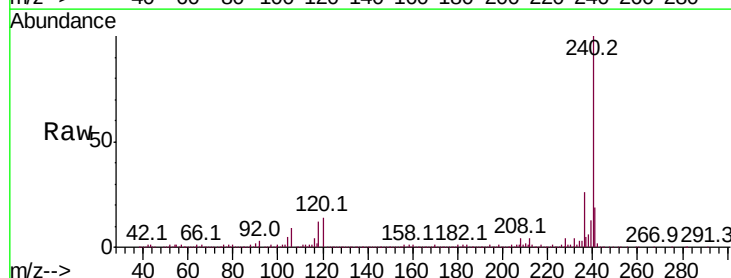
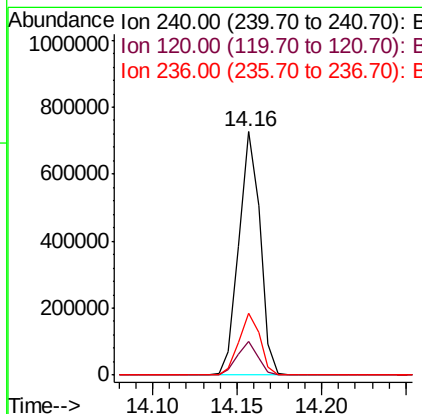
RT: 14.16 min Scan# 2052

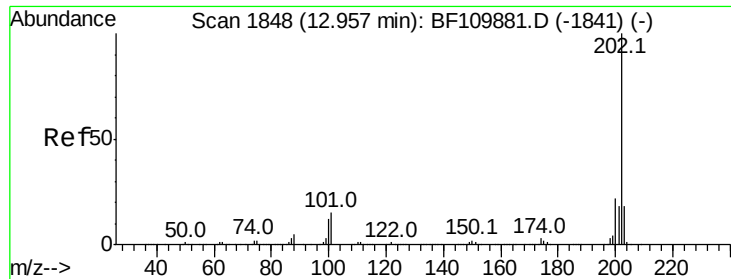
Delta R.T. -0.01 min

Lab File: BF109905.D

Acq: 16 Oct 2018 15:13

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.7	8.3	12.5#
236	25.6	21.2	31.8





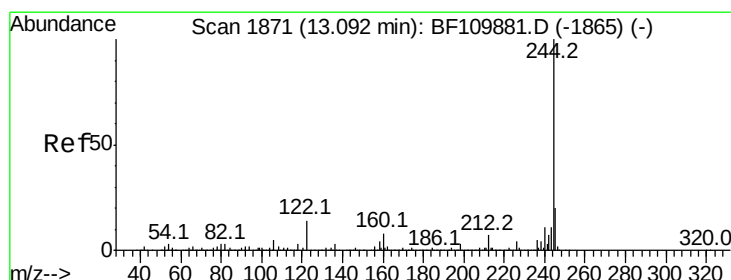
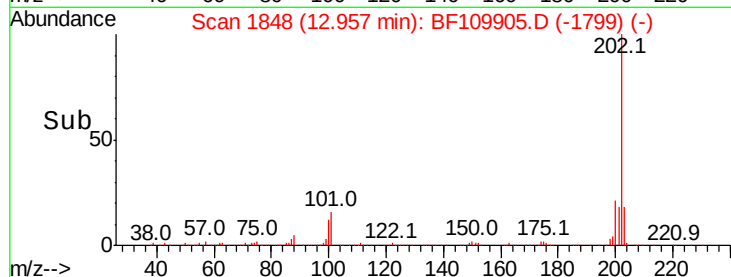
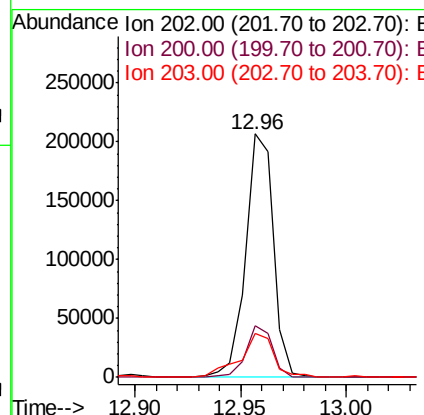
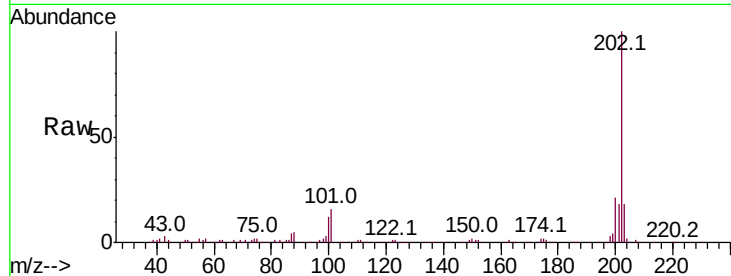
#78
Pvrene
Concen: 4.051 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF109905.D
Acq: 16 Oct 2018 15:13

Instrument :
BNA_F
ClientSampleId :
SUP-4B-C-101518-2

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.8	26.6
203	17.8	14.2	21.4

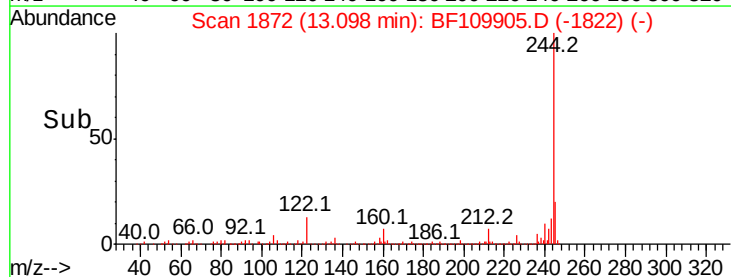
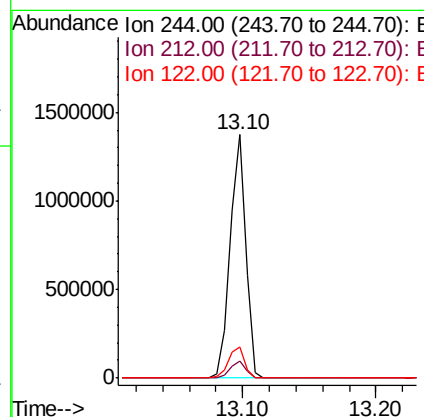
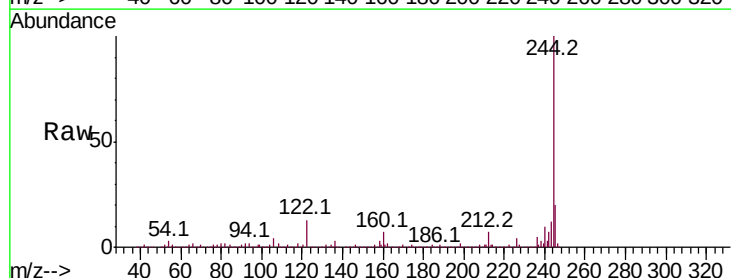
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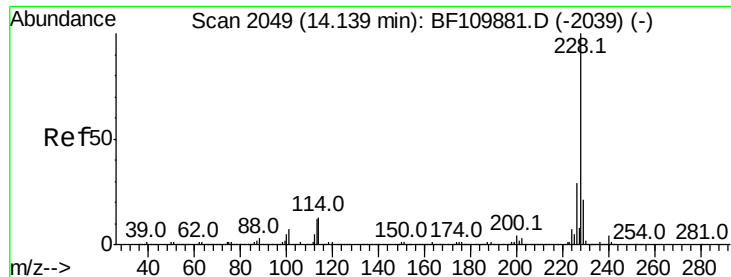
Sohil
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#79
Terphenyl-d14
Concen: 37.912 ng
RT: 13.10 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BF109905.D
Acq: 16 Oct 2018 15:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	12.7	8.7	13.1





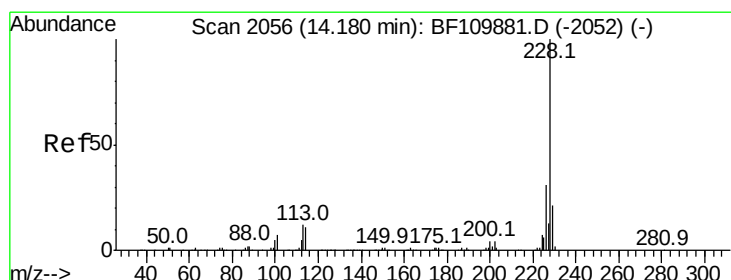
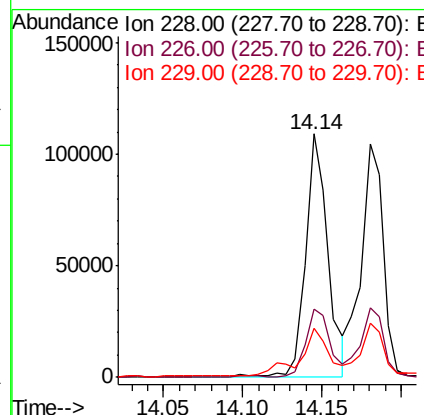
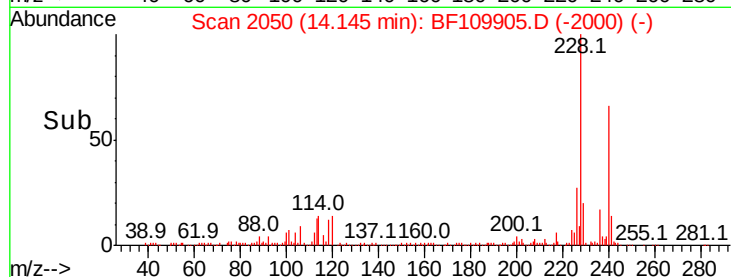
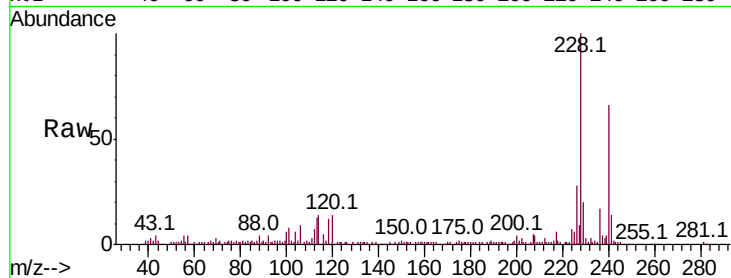
#81
Benzo(a)anthracene
Concen: 2.874 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF109905.D
Acq: 16 Oct 2018 15:13

Instrument :
BNA_F
ClientSampleId :
SUP-4B-C-101518-2

Tot Ion	Ratio	Resp	Lower	Upper
228	100	107366		
226	27.9		22.1	33.1
229	20.2		15.6	23.4

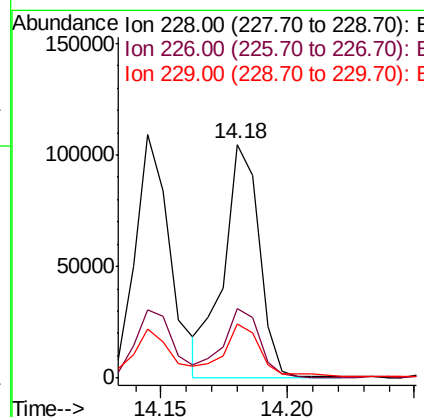
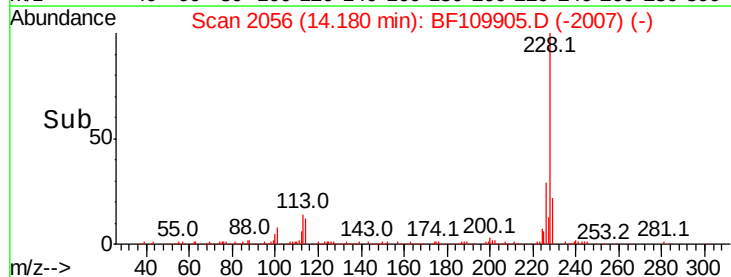
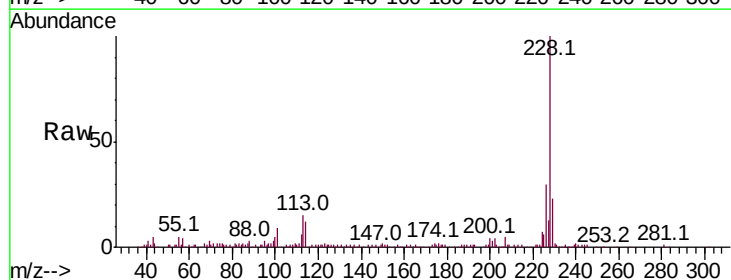
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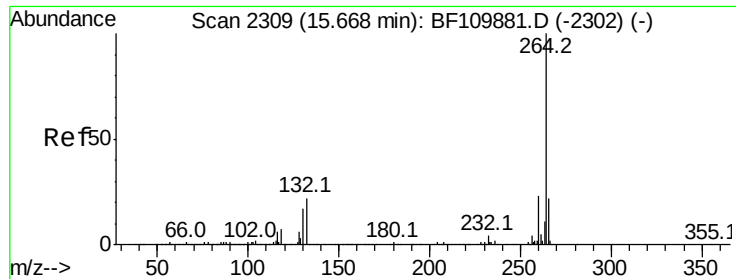
Sohil
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#83
Chrysene
Concen: 2.883 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF109905.D
Acq: 16 Oct 2018 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	102530		
226	30.0		24.7	37.1
229	23.1		15.9	23.9





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BF109905.D

Acq: 16 Oct 2018 15:13

Instrument :

BNA_F

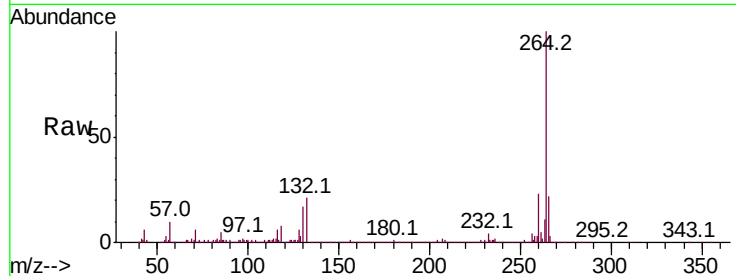
ClientSampleId :

SUP-4B-C-101518-2

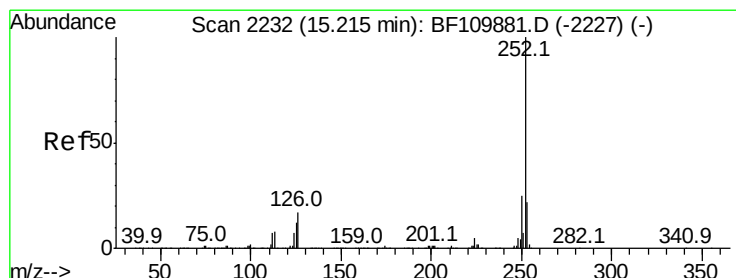
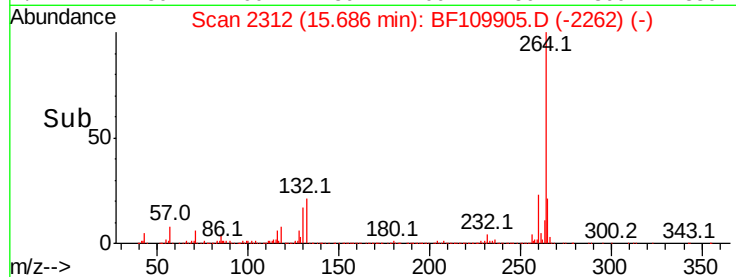
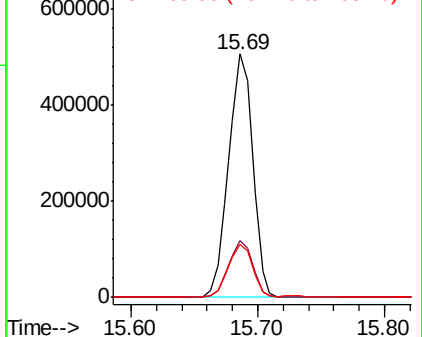
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.5	16.7	25.1

Manual Integrations
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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: 3.809 ng m

RT: 15.23 min Scan# 2234

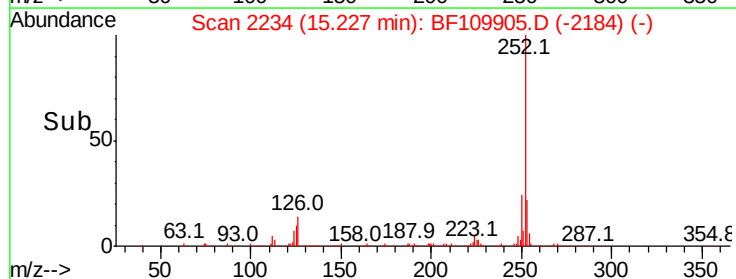
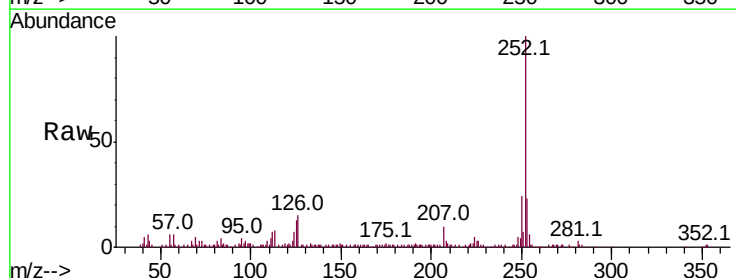
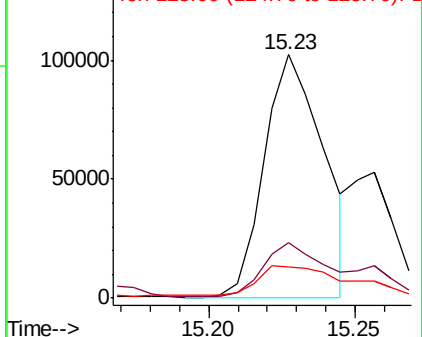
Delta R.T. -0.01 min

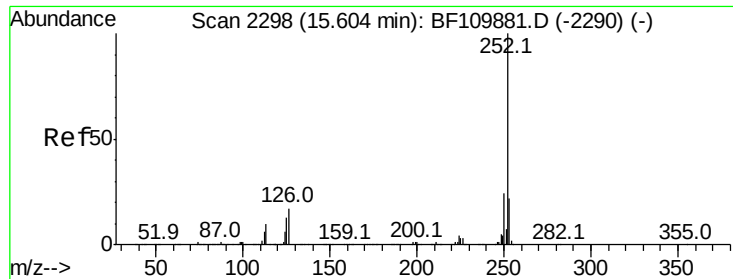
Lab File: BF109905.D

Acq: 16 Oct 2018 15:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	12.6	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: 3.016 ng
 RT: 15.62 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BF109905.D
 Acq: 16 Oct 2018 15:13

Instrument :
 BNA_F
 ClientSampleId :
 SUP-4B-C-101518-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	14.2	9.0	13.6

Manual Integrations
 APPROVED

Sohil
 10/17/2018 11:15:17 AM

