

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
 Data File : BF109432.D
 Acq On : 28 Sep 2018 16:20
 Operator : JU/SJ
 Sample : J4777-39 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-092718-D

Manual Integrations
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Sohil
 10/1/2018 9:57:04 AM

Quant Time: Oct 01 08:50:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	123193	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	448105	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	181412	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	298739	20.00	ng	0.00
75) Chrysene-d12	13.84	240	250226	20.00	ng	0.00
86) Perylene-d12	15.25	264	195176	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	297103	39.72	ng	0.00
7) Phenol-d6	6.35	99	375324	39.33	ng	-0.01
23) Nitrobenzene-d5	7.26	82	233315	30.74	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	53650	30.00	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	357768	29.74	ng	-0.01
78) Terphenyl-d14	12.80	244	255136	25.02	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.46	163	59750	4.528	ng	Qvalue # 99
74) Fluoranthene	12.42	202	60352	3.786	ng	98
77) Pyrene	12.65	202	60276	3.361	ng	99
87) Benzo(b)fluoranthene	14.85	252	27452m	2.560	ng	

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

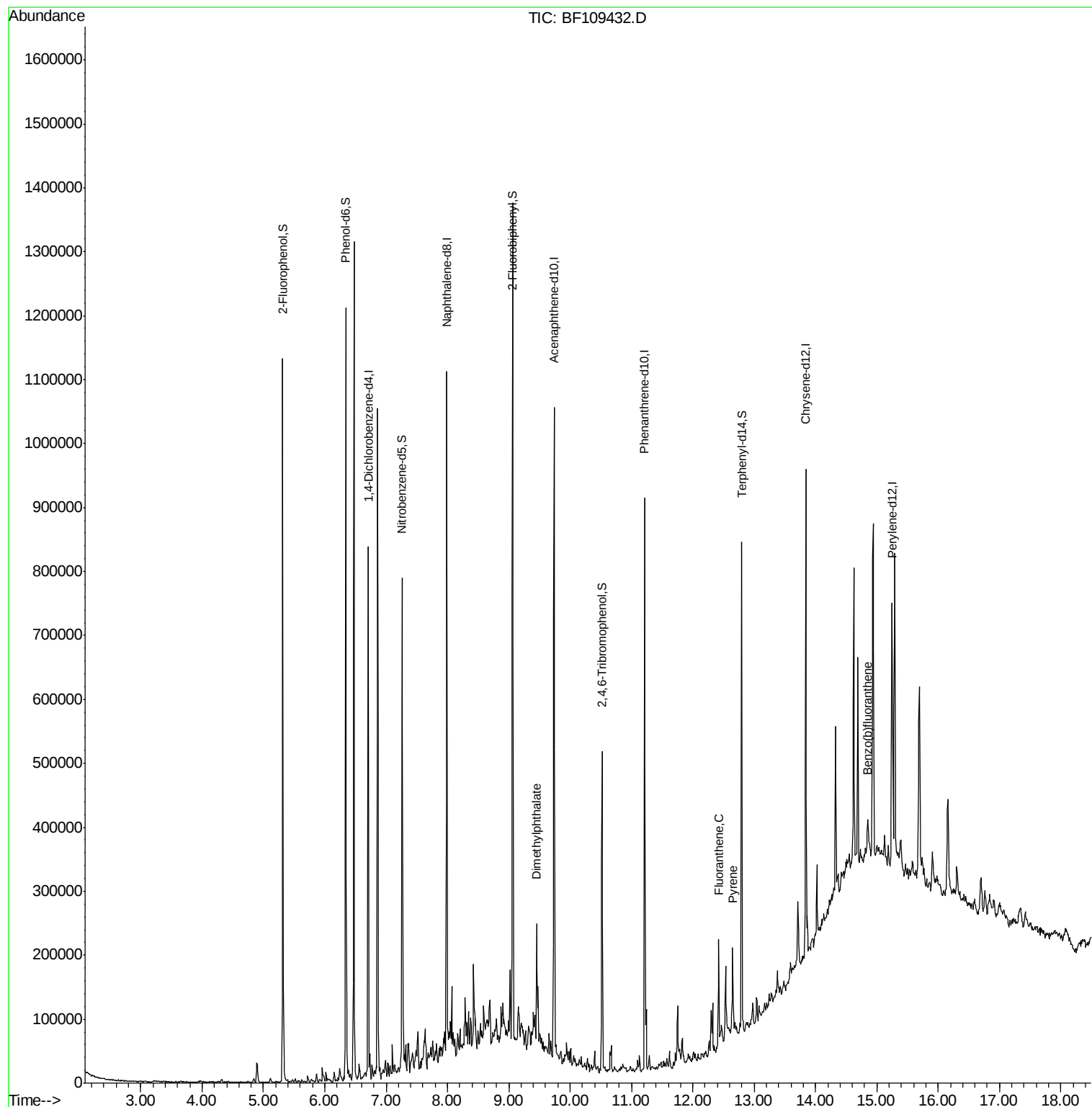
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
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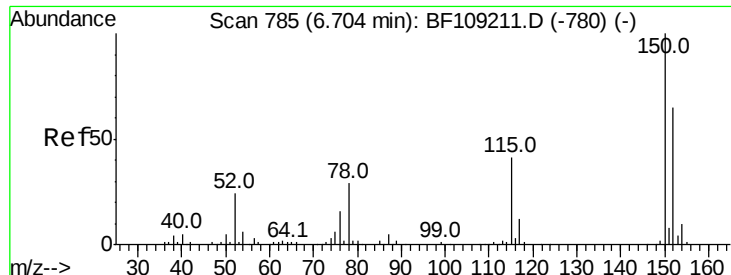
Instrument :
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PL-01-092718-D

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Response via : Initial Calibration





#1

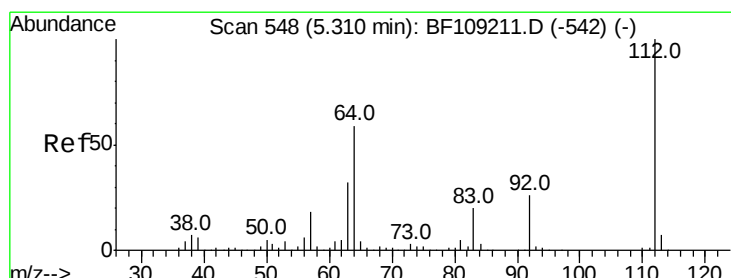
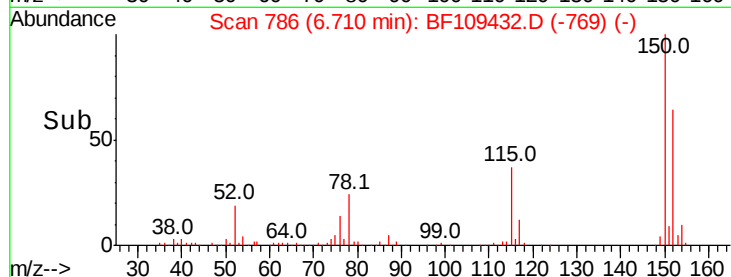
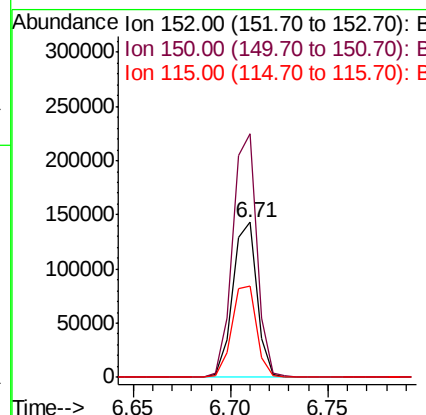
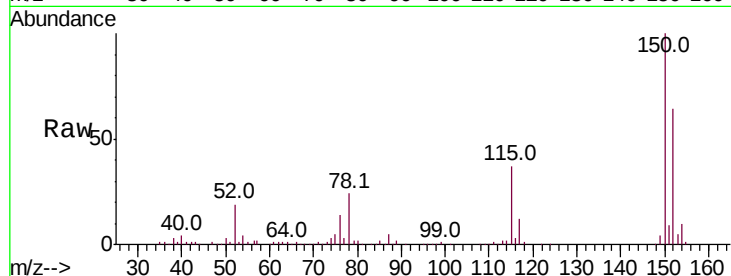
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109432.D
Acq: 28 Sep 2018 16:20

Instrument :
BNA_F
ClientSampleId :
PL-01-092718-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	58.7	50.1	75.1

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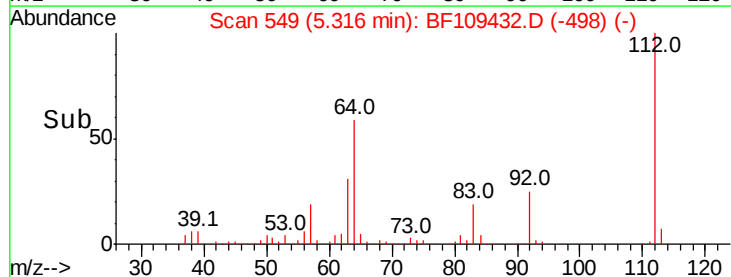
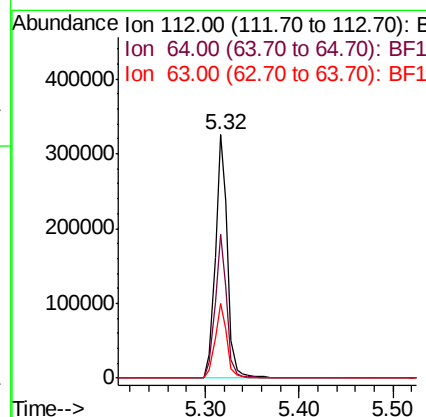
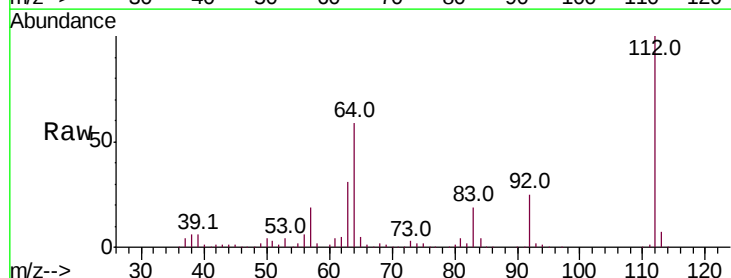
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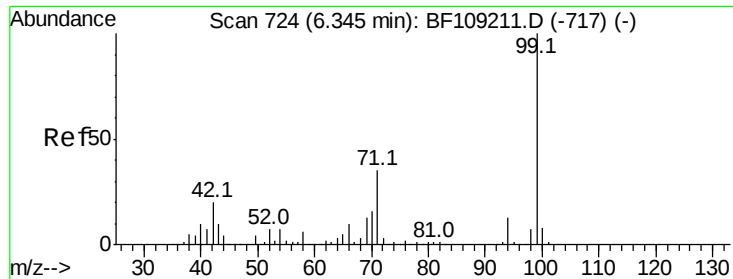


#5

2-Fluorophenol
Concen: 39.722 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109432.D
Acq: 28 Sep 2018 16:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.9	71.9
63	30.9	23.7	35.5





#7

Phenol-d6

Concen: 39.325 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109432.D

Acq: 28 Sep 2018 16:20

Instrument :

BNA_F

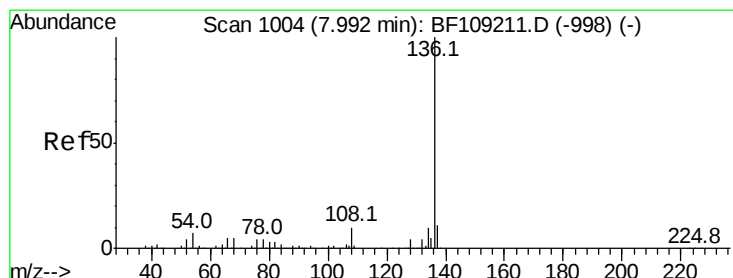
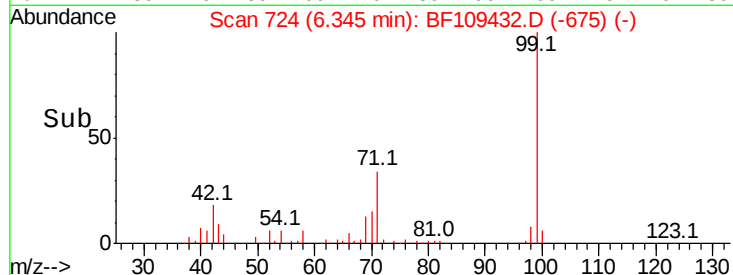
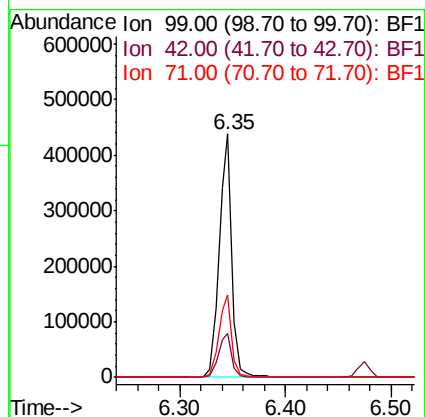
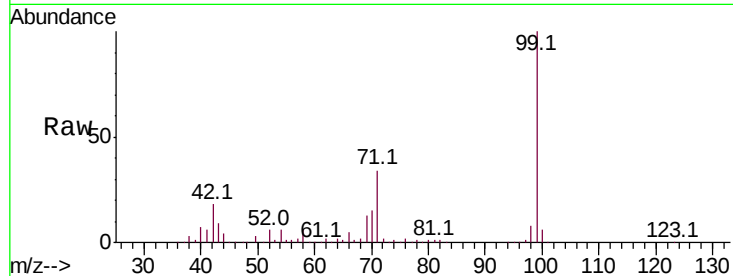
ClientSampleId :

PL-01-092718-D

Tot Ion:	99	Resp:	375324
Ion Ratio	Lower	Upper	
99	100		
42	17.9	14.5	21.7
71	33.9	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

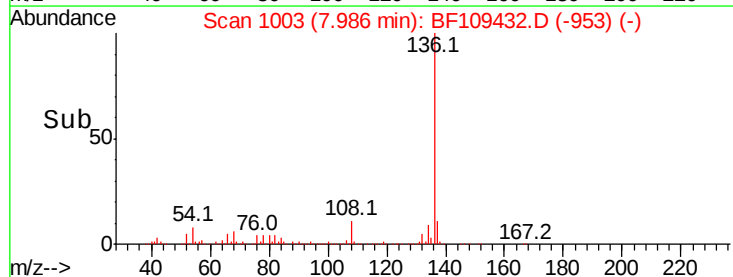
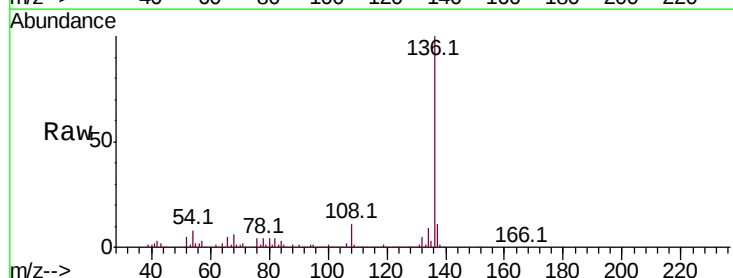
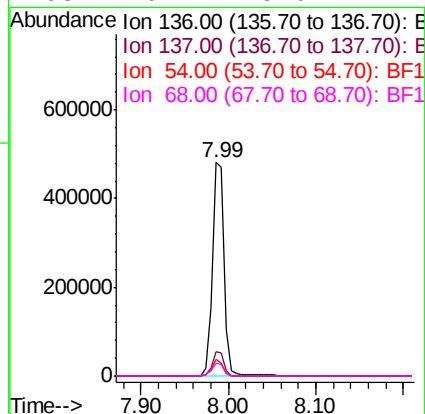
RT: 7.99 min Scan# 1003

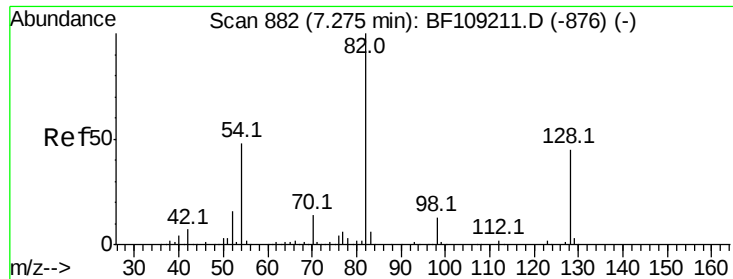
Delta R.T. -0.01 min

Lab File: BF109432.D

Acq: 28 Sep 2018 16:20

Tgt Ion:	136	Resp:	448105
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	7.9	6.6	9.8
68	6.1	5.0	7.4





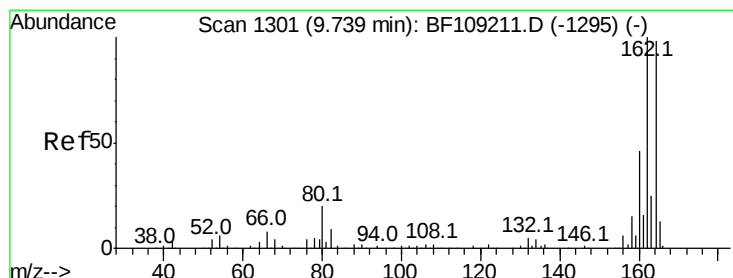
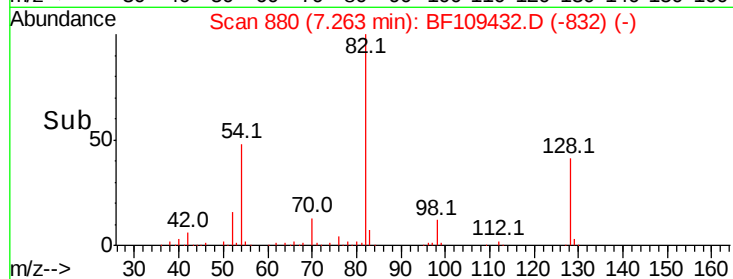
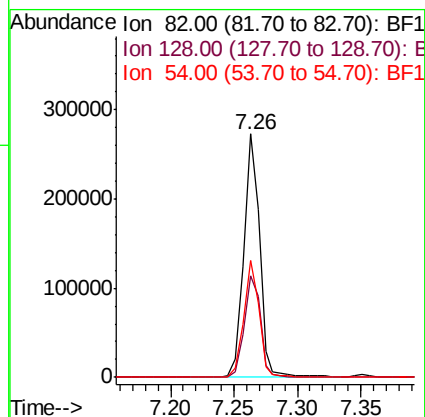
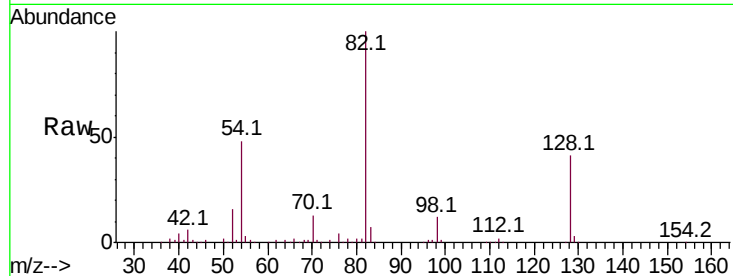
#23
 Nitrobenzene-d5
 Concen: 30.736 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109432.D
 Acq: 28 Sep 2018 16:20

Instrument :
 BNA_F
 ClientSampled :
 PL-01-092718-D

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.5	36.1	54.1	
54	47.8	41.4	62.2	

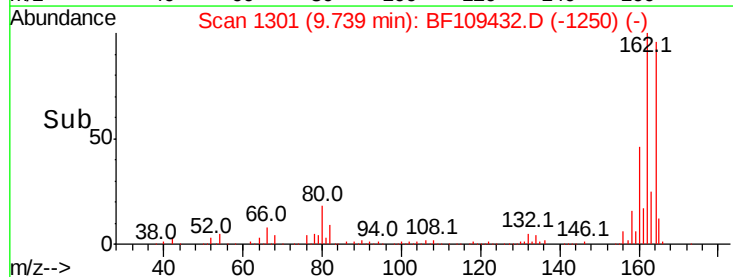
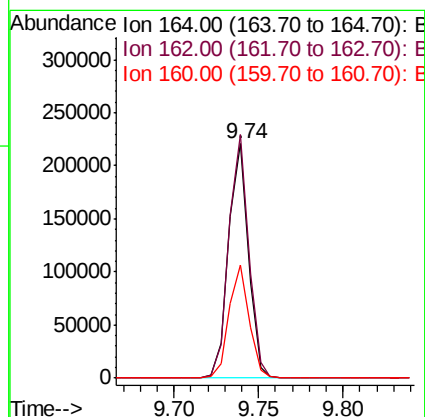
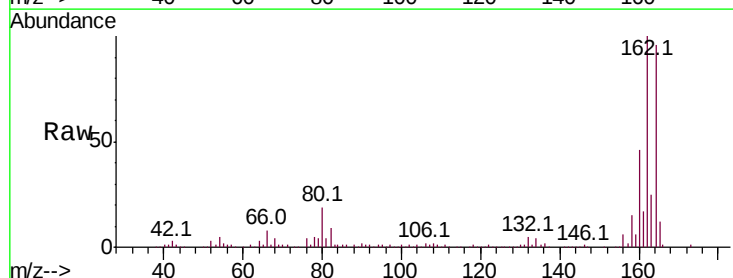
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109432.D
 Acq: 28 Sep 2018 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.9	86.1	129.1	
160	48.1	38.3	57.5	





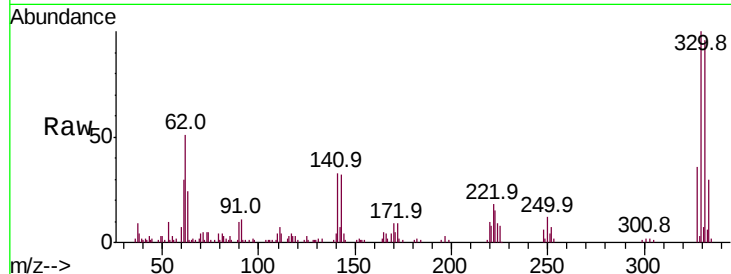
#41
 2,4,6-Tribromophenol
 Concen: 30.000 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109432.D
 Acq: 28 Sep 2018 16:20

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-092718-D

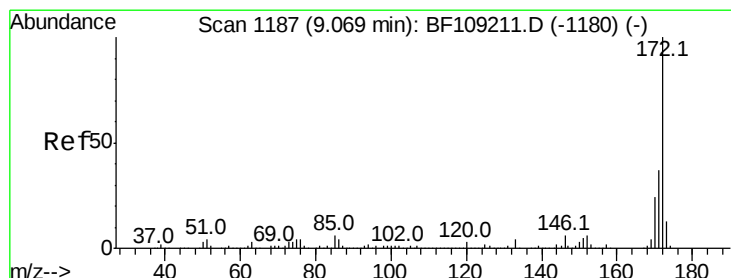
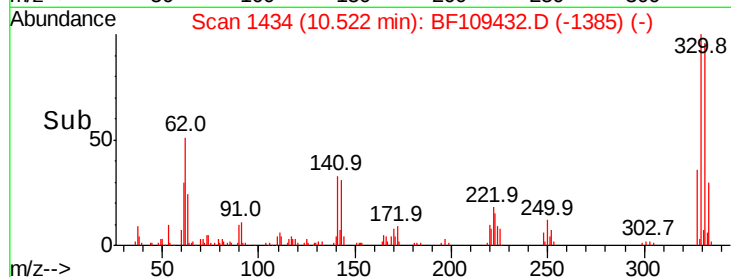
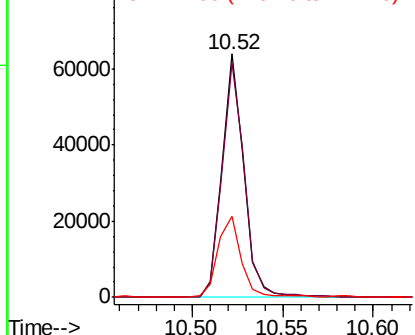
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.0	115.6
141	35.7	29.9	44.9

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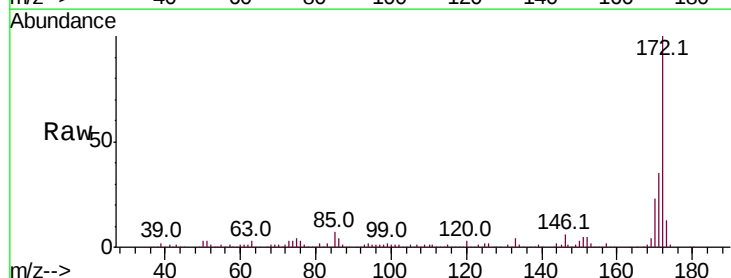


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

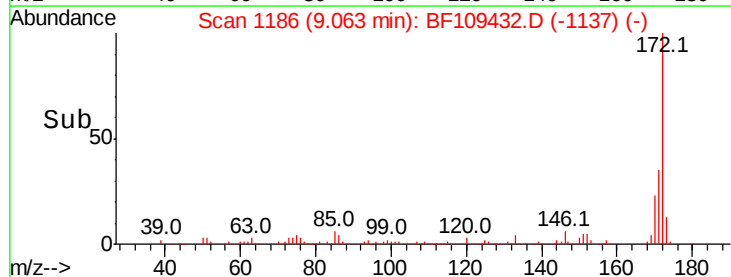
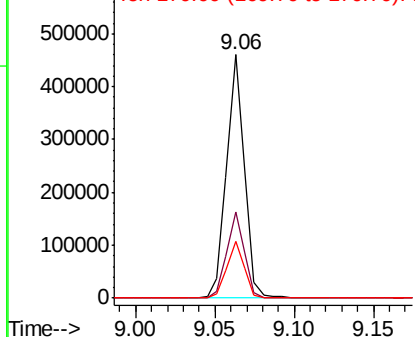


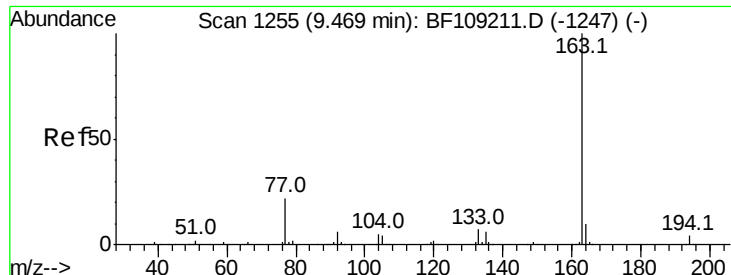
#44
 2-Fluorobiphenyl
 Concen: 29.744 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109432.D
 Acq: 28 Sep 2018 16:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.3	19.6	29.4



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





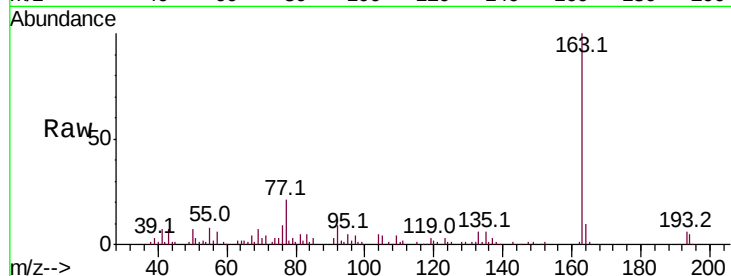
#49
 Dimethylphthalate
 Concen: 4.528 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109432.D
 Acq: 28 Sep 2018 16:20

Instrument :
 BNA_F
 ClientSampleID :
 PL-01-092718-D

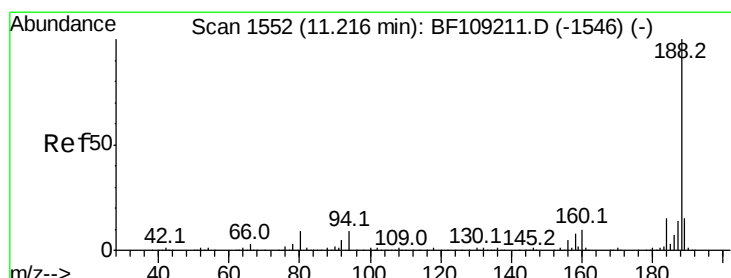
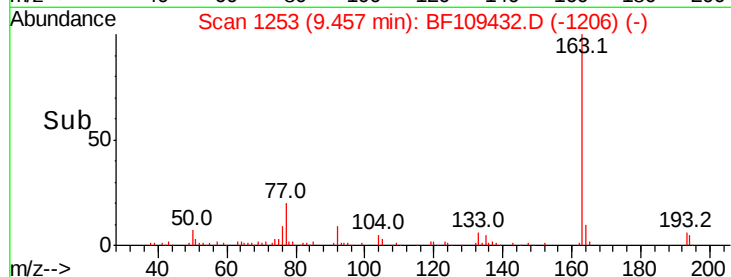
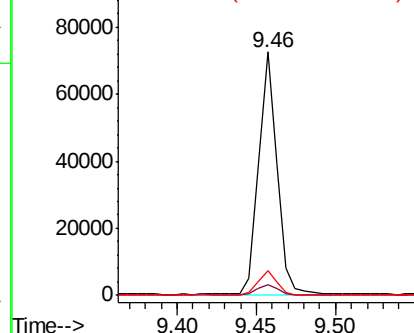
Tot Ion:	163	Resp:	59750
Ion Ratio	Lower	Upper	
163	100		
194	4.6	2.7	4.1#
164	10.3	8.2	12.2

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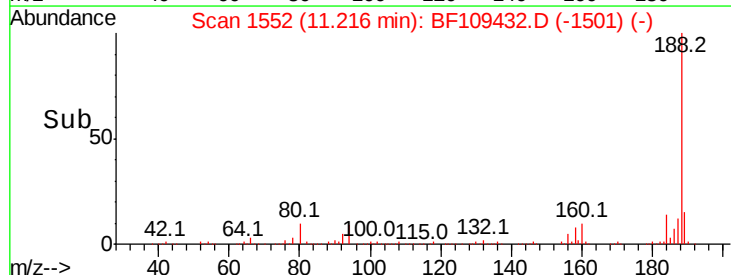
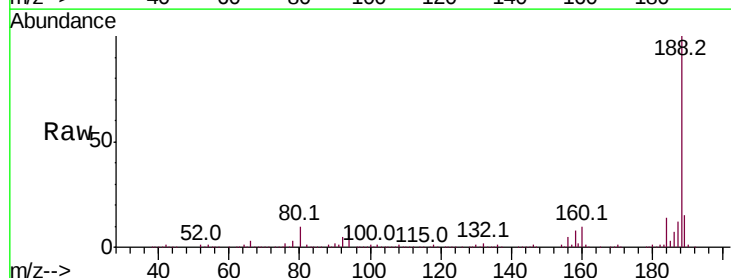
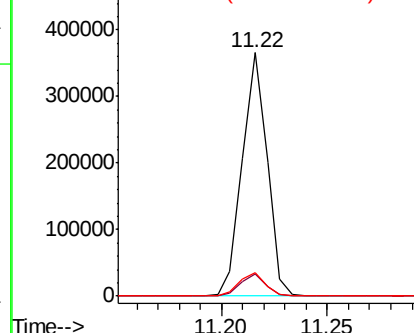
Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

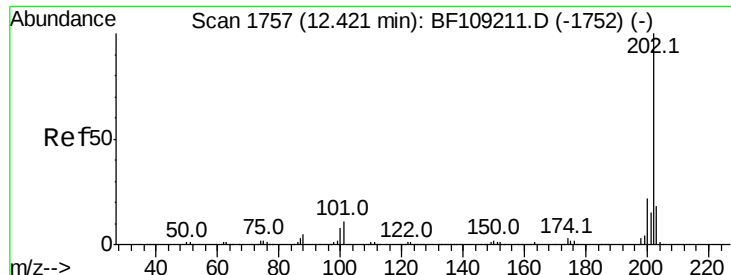


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF109432.D
 Acq: 28 Sep 2018 16:20

Tgt Ion:	188	Resp:	298739
Ion Ratio	Lower	Upper	
188	100		
94	8.9	8.5	12.7
80	9.6	9.2	13.8

Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1





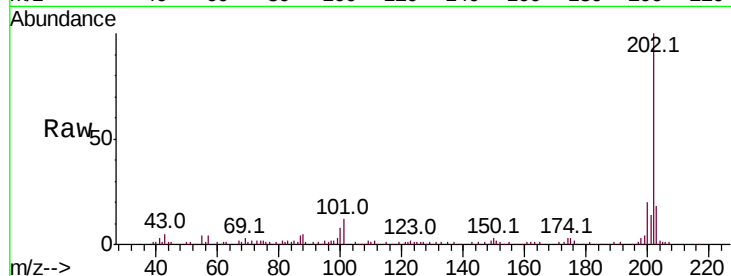
#74
 Fluoranthene
 Concen: 3.786 ng
 RT: 12.42 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BF109432.D
 Acq: 28 Sep 2018 16:20

Instrument :
 BNA_F
 ClientSampleID :
 PL-01-092718-D

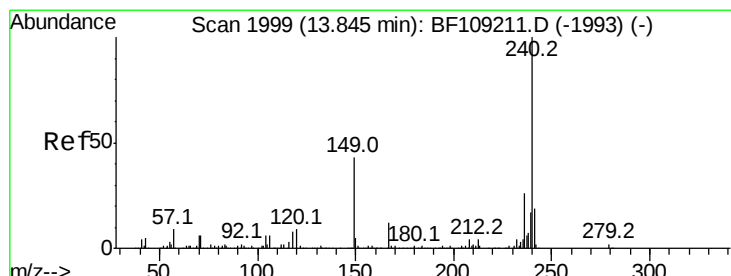
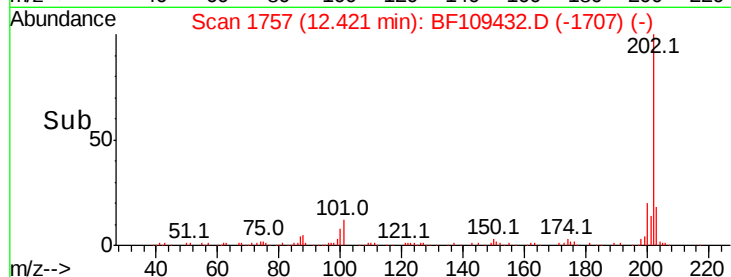
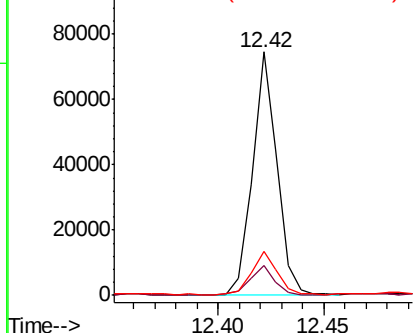
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.0	0.0	34.1
203	18.1	0.0	38.1

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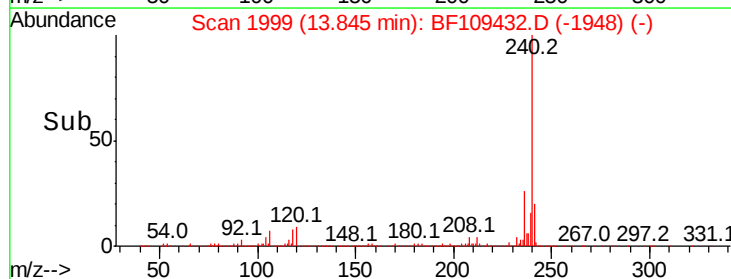
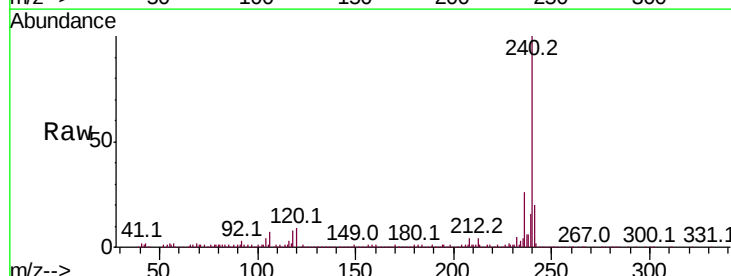
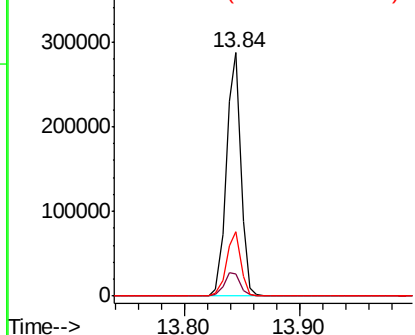
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

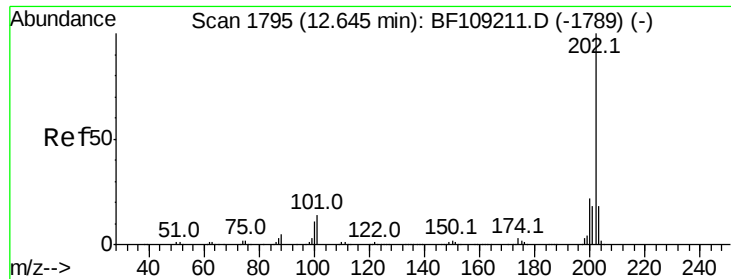


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. 0.00 min
 Lab File: BF109432.D
 Acq: 28 Sep 2018 16:20

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.3	9.5	14.3#
236	26.5	20.7	31.1

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





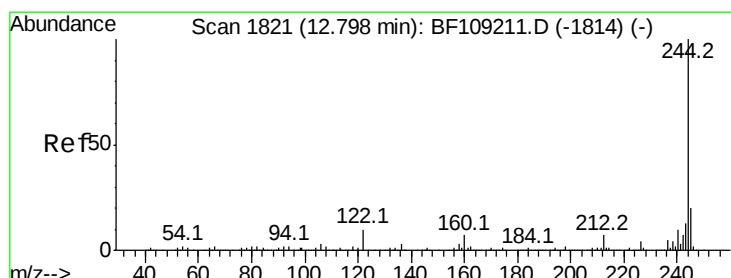
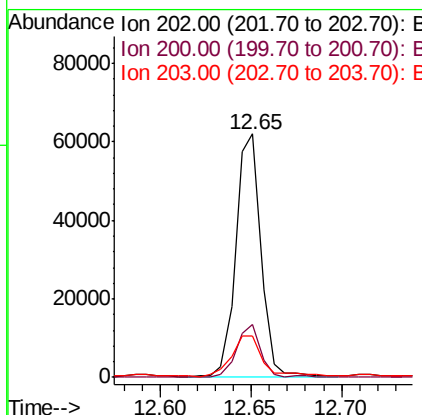
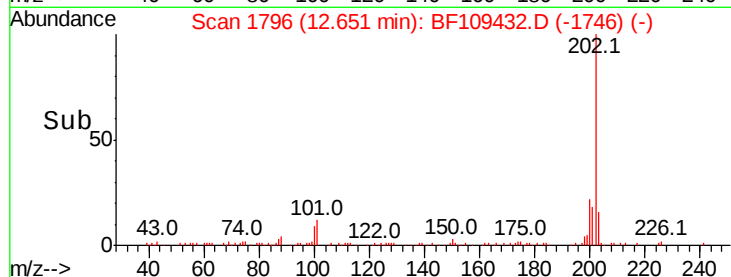
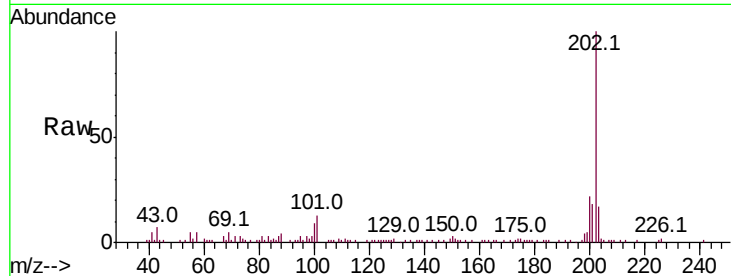
#77
Pvrene
Concen: 3.361 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF109432.D
Acq: 28 Sep 2018 16:20

Instrument :
BNA_F
ClientSampleId :
PL-01-092718-D

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.1	14.3	21.5

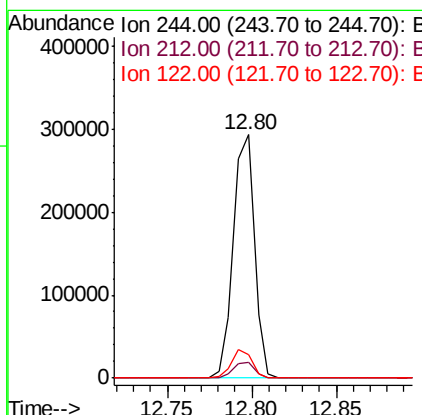
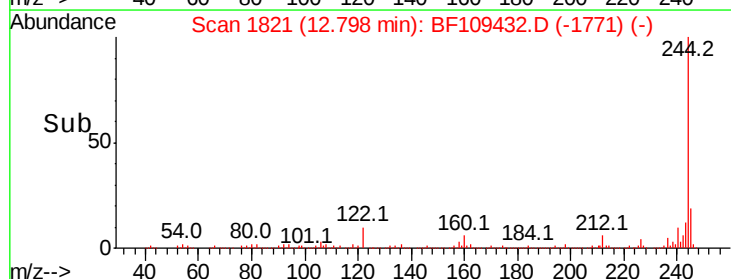
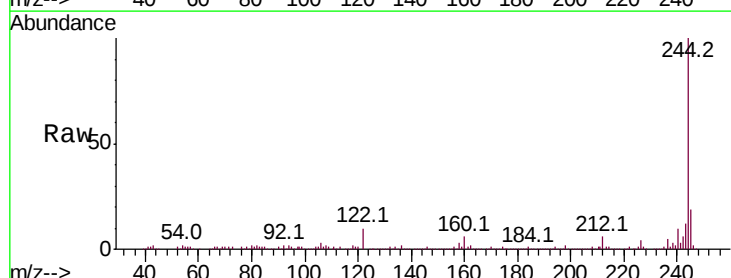
Manual Integrations
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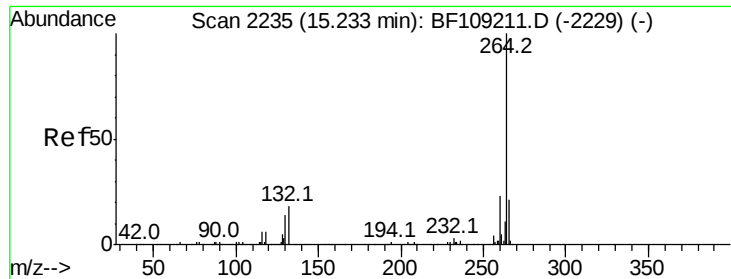
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#78
Terphenyl-d14
Concen: 25.023 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109432.D
Acq: 28 Sep 2018 16:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	9.7	11.0	16.4#





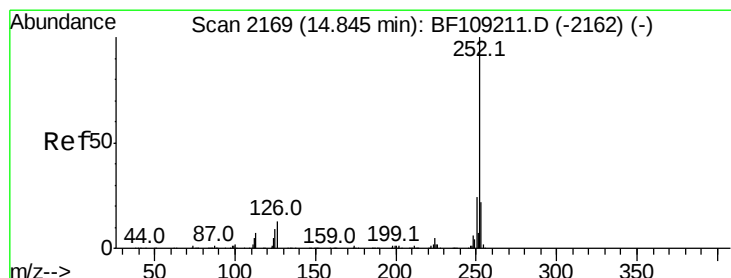
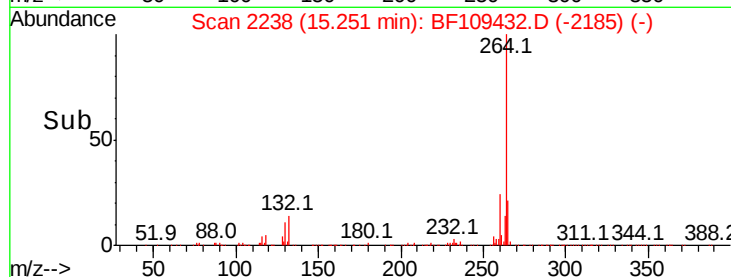
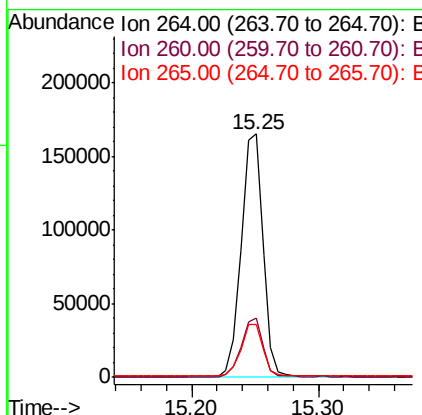
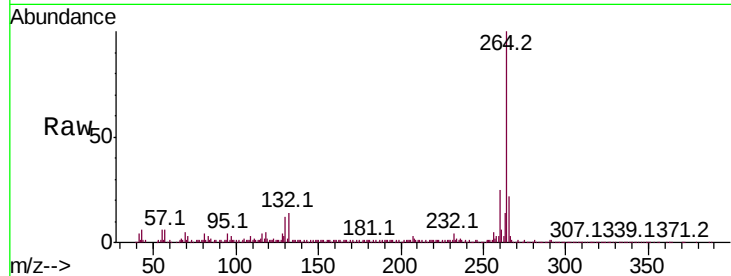
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF109432.D
Acq: 28 Sep 2018 16:20

Instrument :
BNA_F
ClientSampleId :
PL-01-092718-D

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.7	17.5	26.3

Manual Integrations
APPROVED

Sohil
10/1/2018 9:57:04 AM



#87
Benzo(b)fluoranthene
Concen: 2.560 ng m
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF109432.D
Acq: 28 Sep 2018 16:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.4	17.0	25.6#
125	23.0	9.0	13.6#

