

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
 Data File : BF109299.D
 Acq On : 25 Sep 2018 21:15
 Operator : JU/SJ
 Sample : J5044-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID08-COMP-092018

Manual Integrations
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 9/26/2018 3:42:17 PM

Quant Time: Sep 26 10:23:41 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	111407	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	426880	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	188239	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	325360	20.00	ng	0.00
75) Chrysene-d12	13.84	240	277139	20.00	ng	0.00
86) Perylene-d12	15.24	264	212696	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	430376	63.63	ng	0.00
7) Phenol-d6	6.35	99	554984	64.30	ng	-0.01
23) Nitrobenzene-d5	7.27	82	334092	46.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	110113	59.34	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	599359	48.02	ng	-0.01
78) Terphenyl-d14	12.80	244	541259	47.93	ng	0.00
Target Compounds						
10) Phenol	6.36	94	25812	2.641	ng	97
49) Dimethylphthalate	9.46	163	176611	12.900	ng	99
74) Fluoranthene	12.42	202	46851	2.699	ng	96
77) Pyrene	12.65	202	41848	2.107	ng	98
80) Benzo(a)anthracene	13.83	228	42474	2.544	ng	98
87) Benzo(b)fluoranthene	14.85	252	37053m	3.170	ng	
89) Benzo(a)pyrene	15.19	252	27229	2.585	ng	93

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

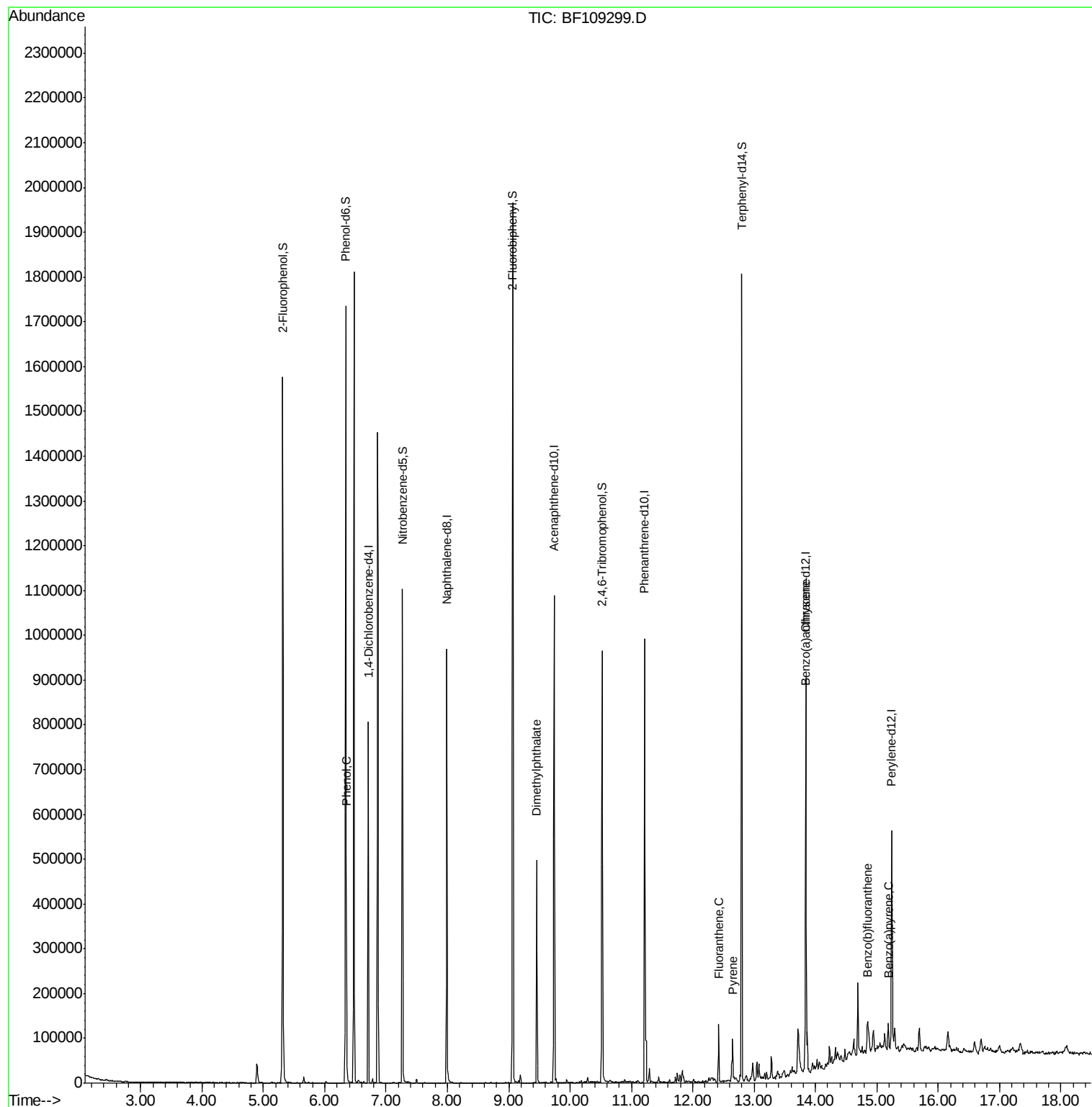
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109299.D
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Operator : JU/SJ
Sample : J5044-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

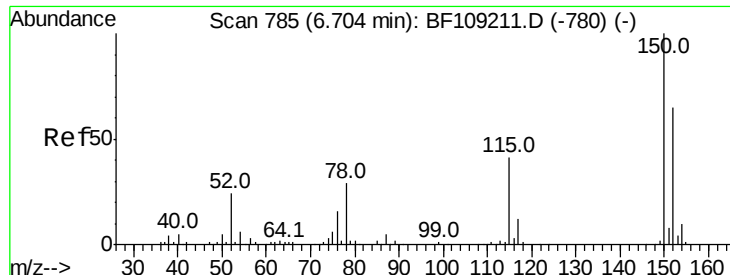
Instrument :
BNA_F
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#1

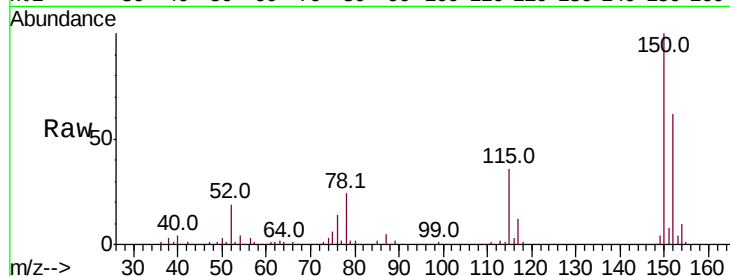
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109299.D
Acq: 25 Sep 2018 21:15

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.6	186.8
115	58.3	50.1	75.1

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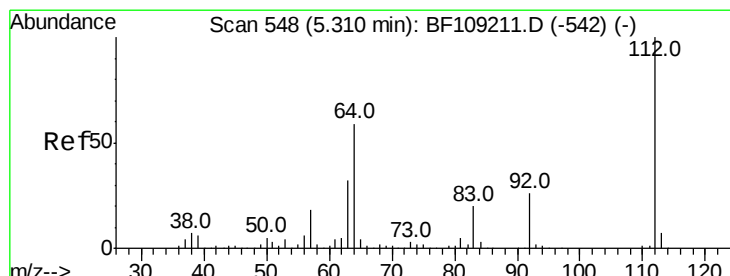
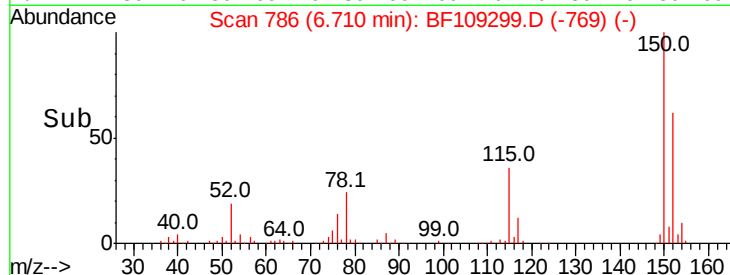
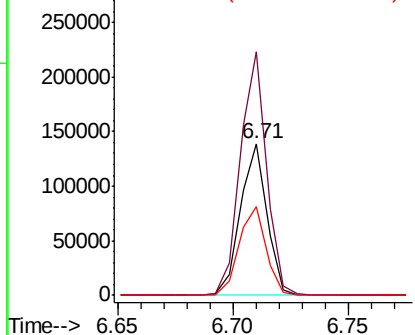


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

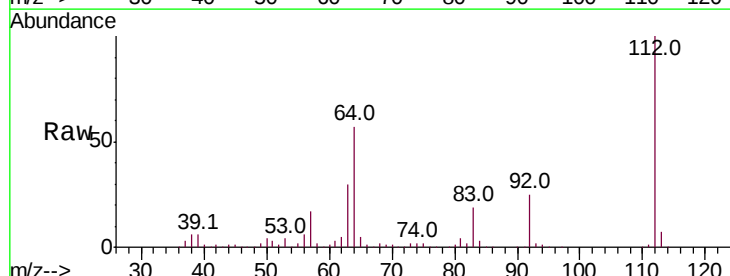
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 63.628 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109299.D
Acq: 25 Sep 2018 21:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.9	71.9
63	30.3	23.7	35.5

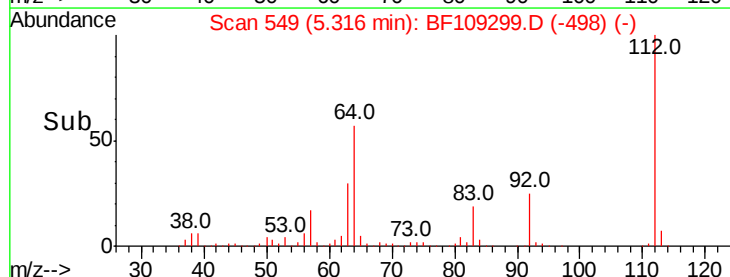
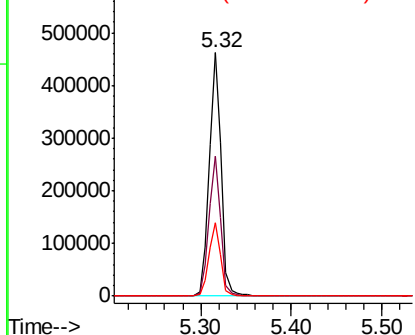


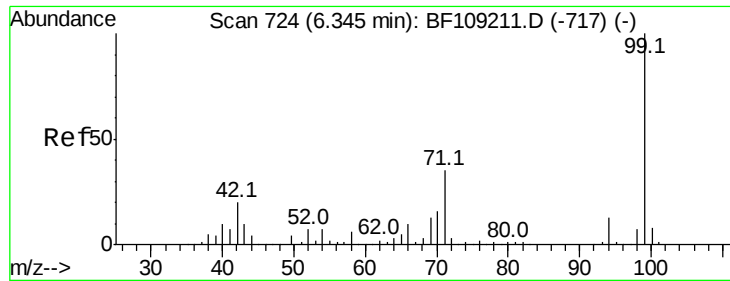
Abundance

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: 64.301 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109299.D

Acq: 25 Sep 2018 21:15

Instrument :

BNA_F

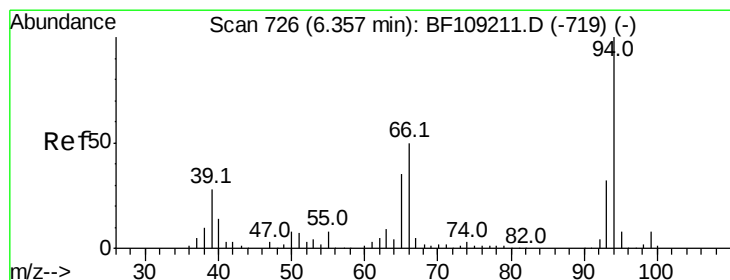
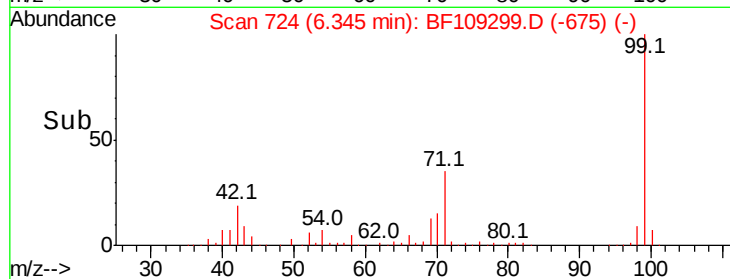
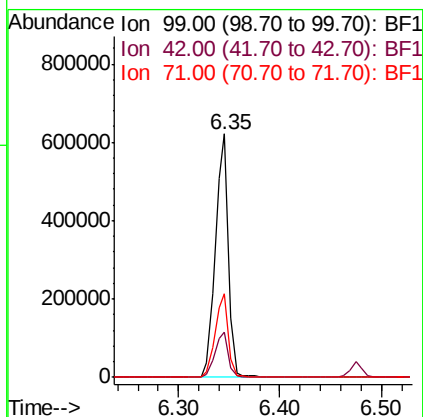
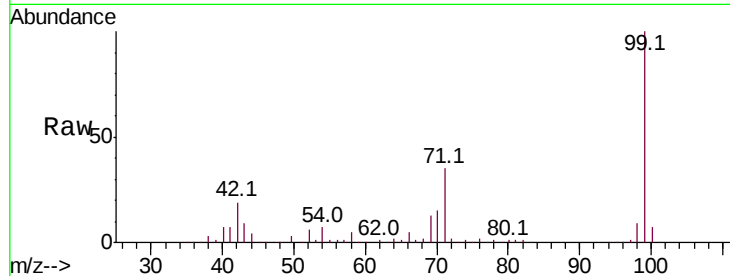
ClientSampleId :

GRID08-COMP-092018

Tot Ion:	99	Resp:	554984
Ion Ratio	Lower	Upper	
99	100		
42	18.5	14.5	21.7
71	34.6	25.4	38.0

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#10

Phenol

Concen: 2.641 ng

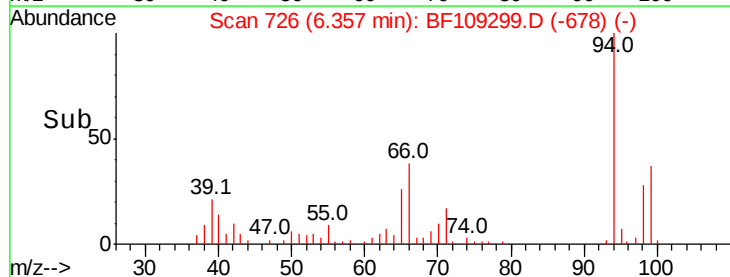
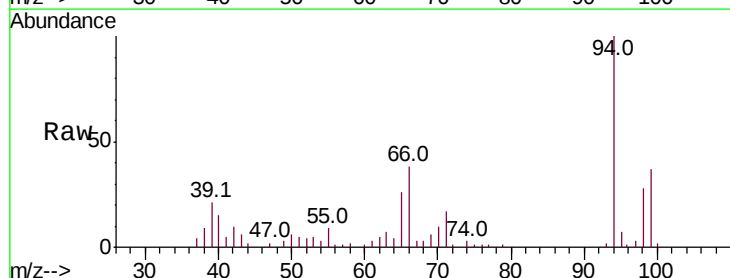
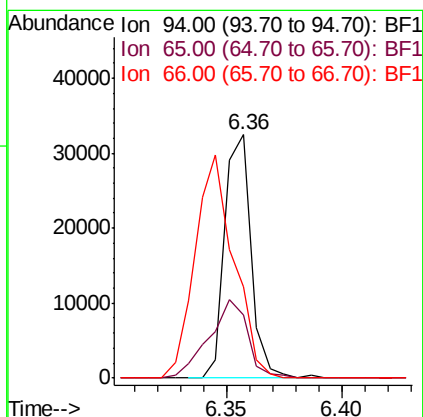
RT: 6.36 min Scan# 726

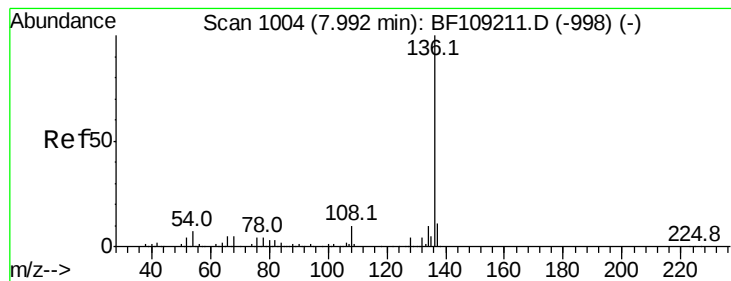
Delta R.T. -0.02 min

Lab File: BF109299.D

Acq: 25 Sep 2018 21:15

Tgt Ion:	94	Resp:	25812
Ion Ratio	Lower	Upper	
94	100		
65	26.1	7.9	47.9
66	37.5	16.2	56.2





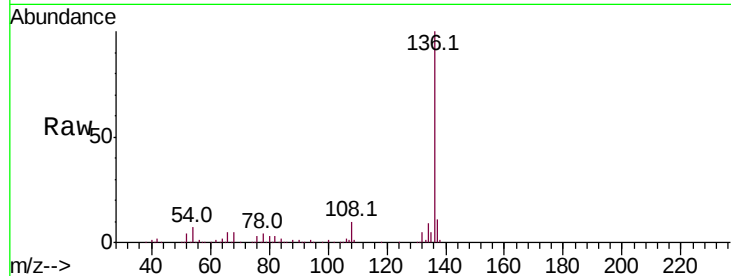
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF109299.D
Acq: 25 Sep 2018 21:15

Instrument :
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ClientSampleId :
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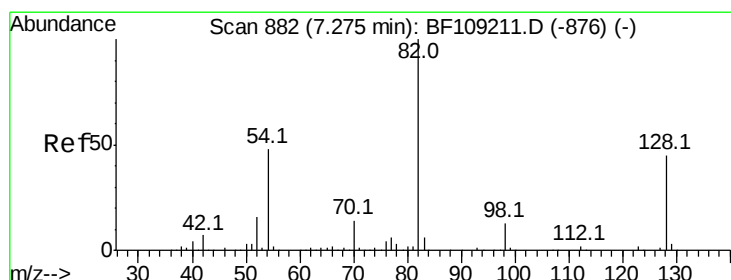
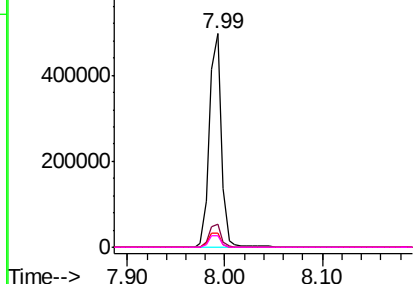
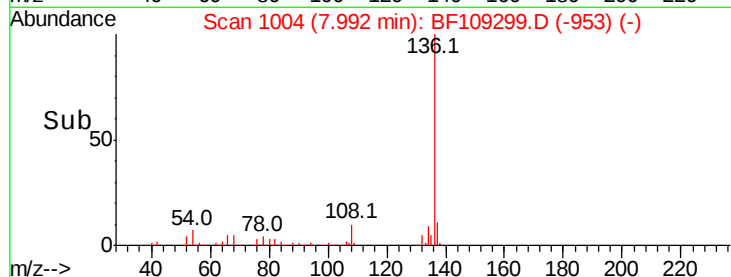
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.9	13.3	
54	6.5	6.6	9.8	
68	5.3	5.0	7.4	

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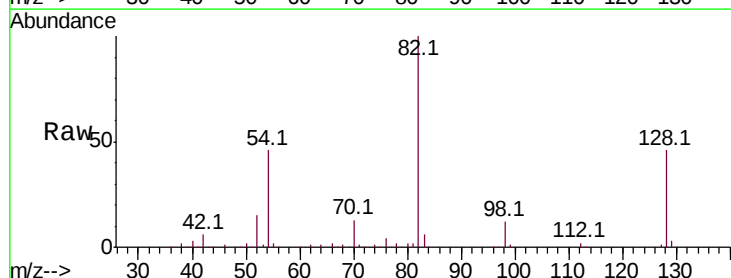


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

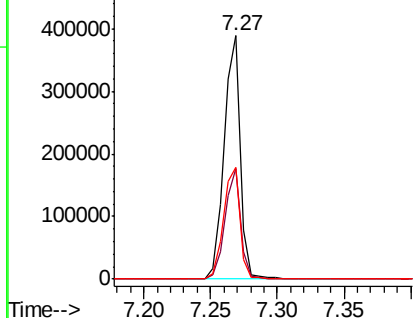
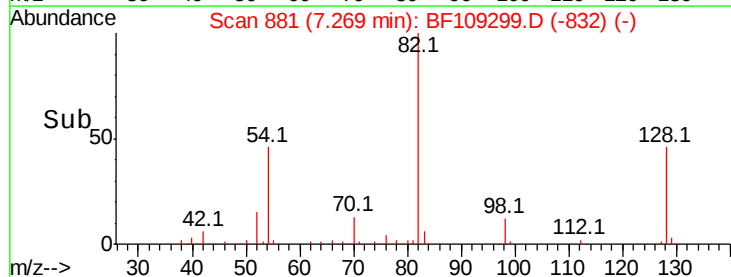


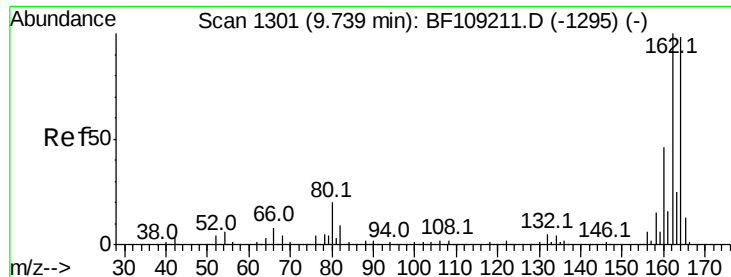
#23
Nitrobenzene-d5
Concen: 46.200 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109299.D
Acq: 25 Sep 2018 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.6	36.1	54.1	
54	46.0	41.4	62.2	



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





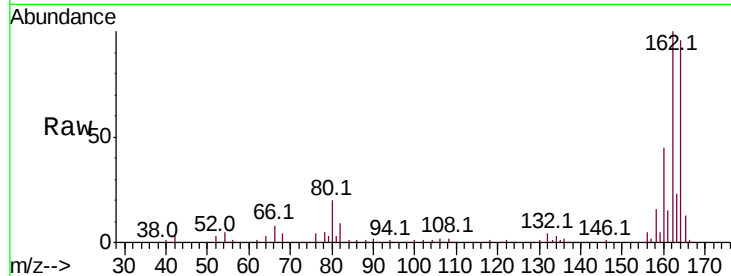
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109299.D
Acq: 25 Sep 2018 21:15

Instrument :
BNA_F
ClientSampleId :
GRID08-COMP-092018

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.8	86.1	129.1	
160	46.3	38.3	57.5	

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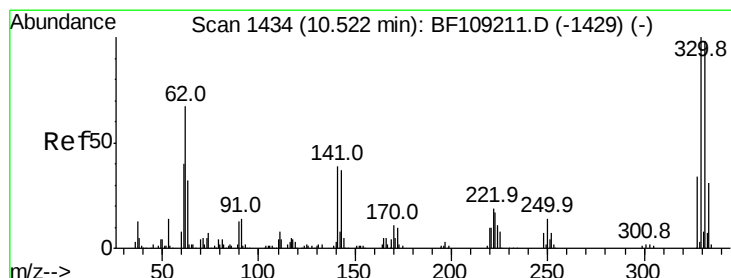
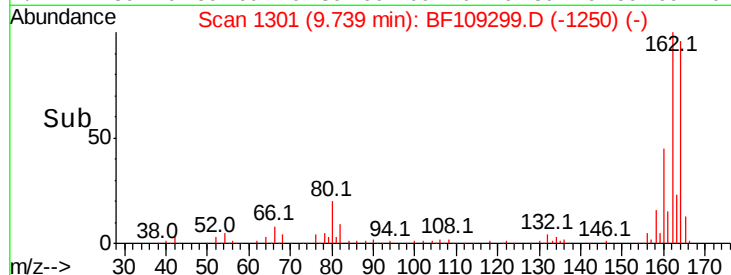
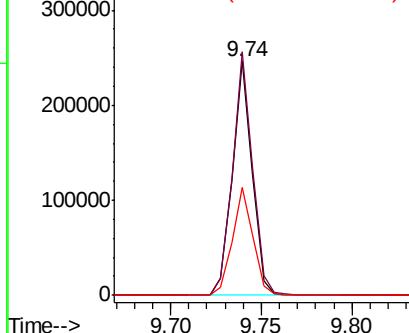


Abundance

Ion 164.00 (163.70 to 164.70): E

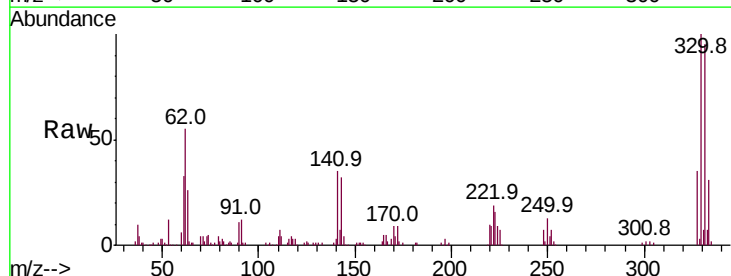
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41
2,4,6-Tribromophenol
Concen: 59.339 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109299.D
Acq: 25 Sep 2018 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3	77.0	115.6	
141	31.8	29.9	44.9	

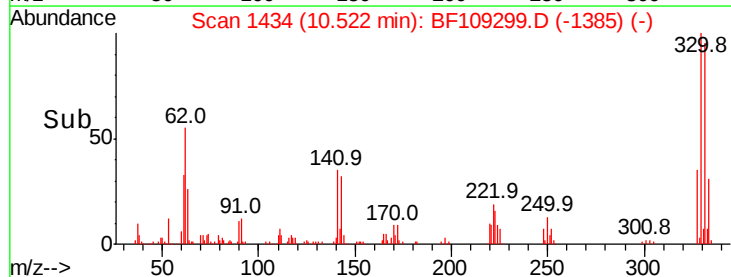
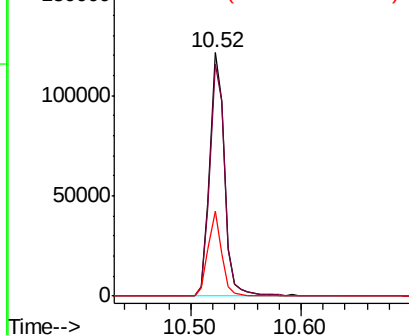


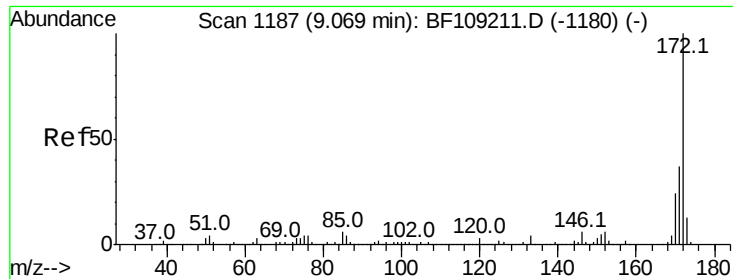
Abundance

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





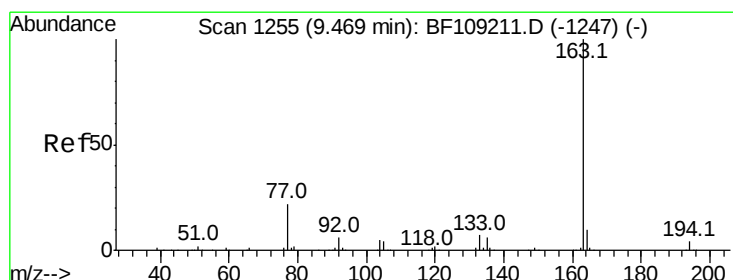
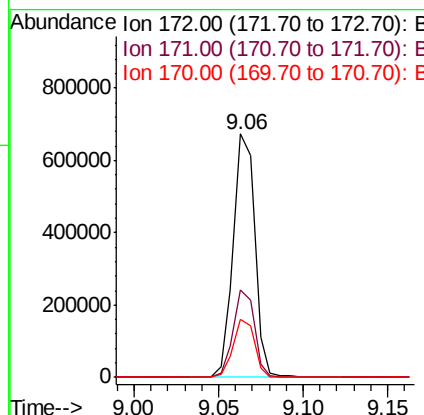
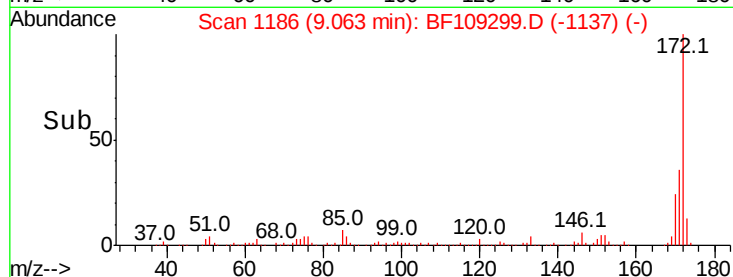
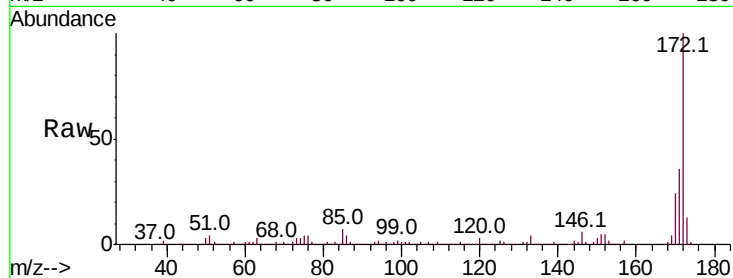
#44
 2-Fluorobiphenyl
 Concen: 48.021 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109299.D
 Acq: 25 Sep 2018 21:15

Instrument :
 BNA_F
 ClientSampleId :
 GRID08-COMP-092018

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.0	29.7	44.5	
170	23.6	19.6	29.4	

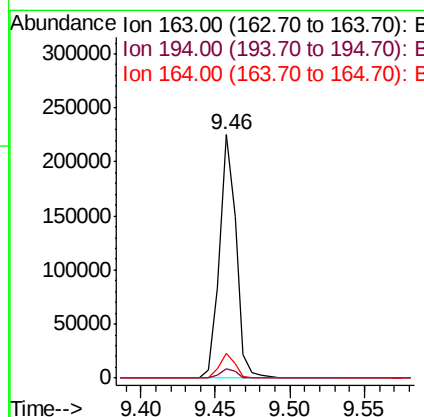
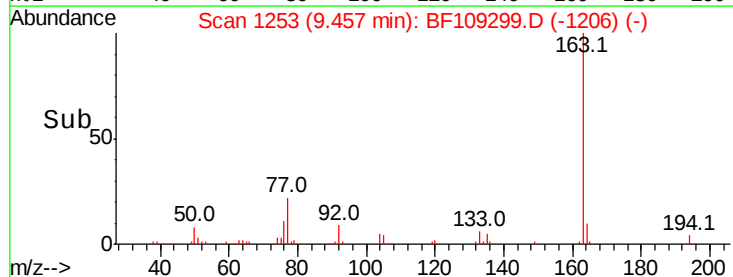
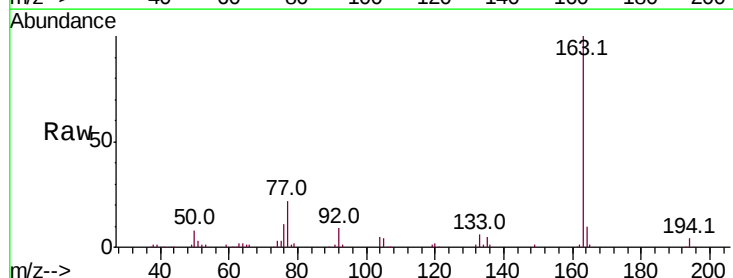
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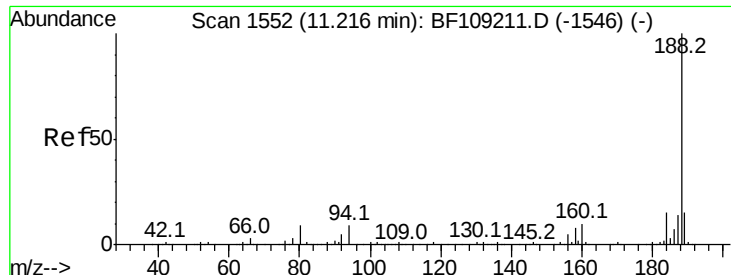
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#49
 Dimethylphthalate
 Concen: 12.900 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109299.D
 Acq: 25 Sep 2018 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	2.7	4.1	
164	10.1	8.2	12.2	





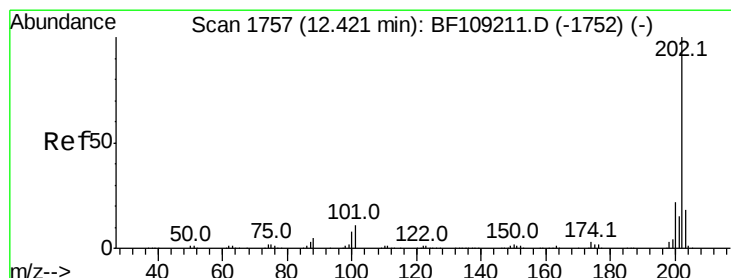
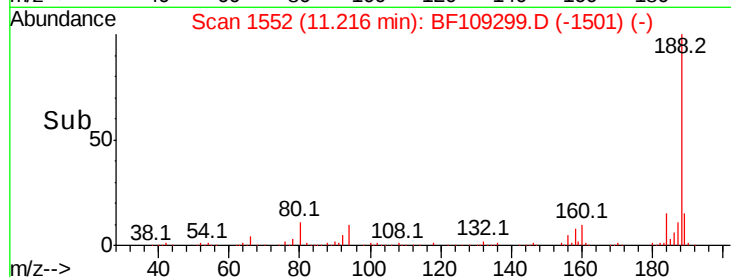
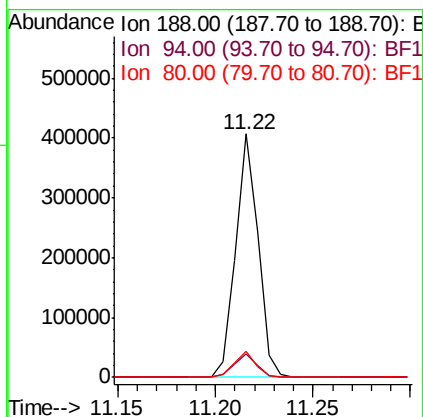
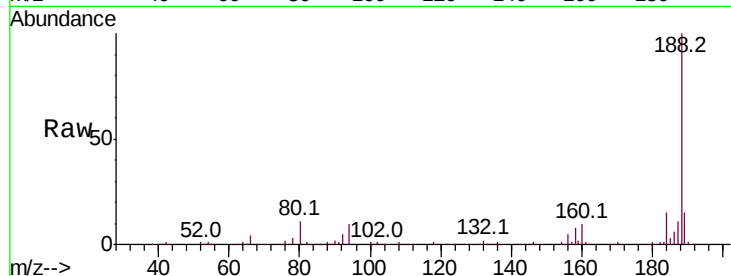
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109299.D
Acq: 25 Sep 2018 21:15

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
188	100	325360		
94	9.6		8.5	12.7
80	10.5		9.2	13.8

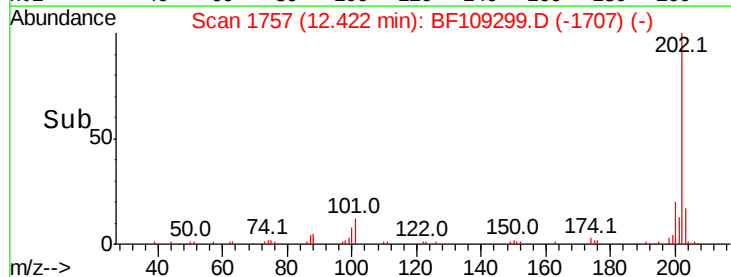
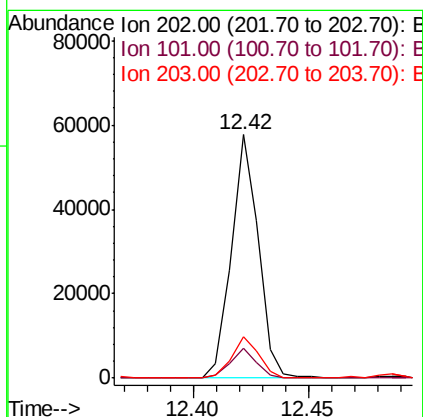
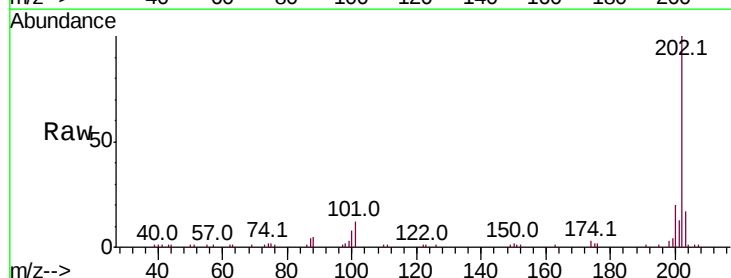
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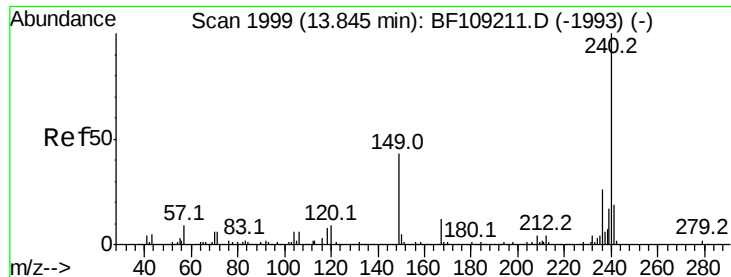
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#74
Fluoranthene
Concen: 2.699 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF109299.D
Acq: 25 Sep 2018 21:15

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	46851		
101	12.1		0.0	34.1
203	17.0		0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF109299.D

Acq: 25 Sep 2018 21:15

Instrument :

BNA_F

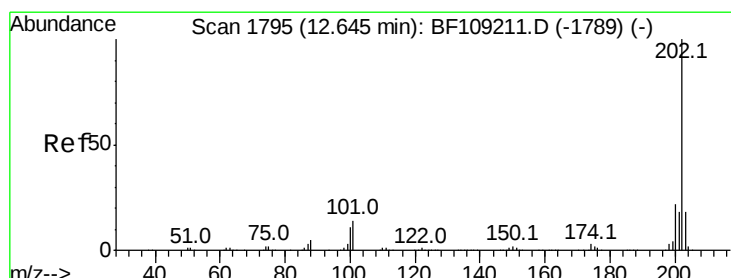
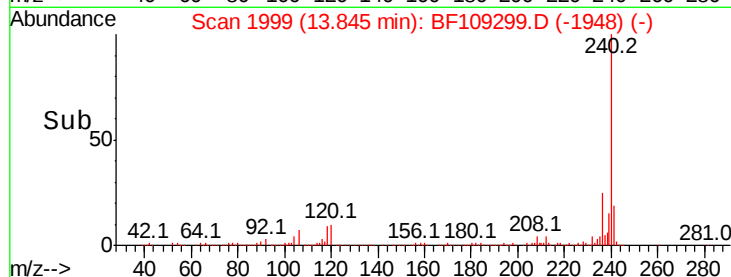
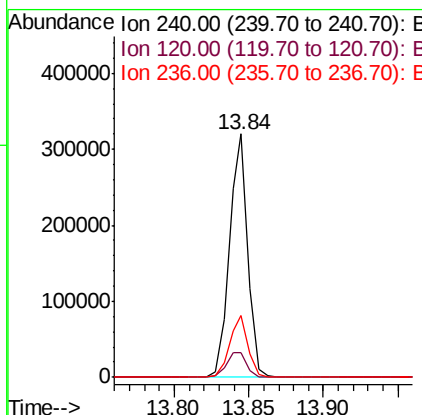
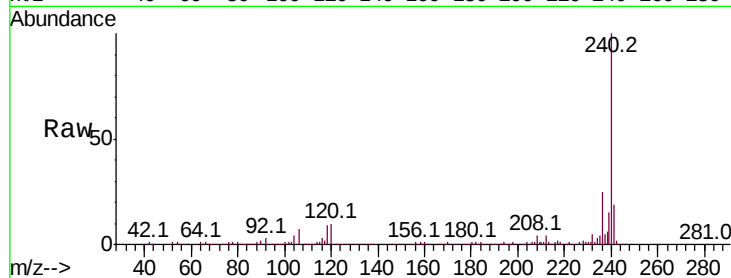
ClientSampleId :

GRID08-COMP-092018

Tot Ion:	240	Resp:	277139
Ion Ratio	Lower	Upper	
240	100		
120	10.0	9.5	14.3
236	25.5	20.7	31.1

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#77

Pyrene

Concen: 2.107 ng

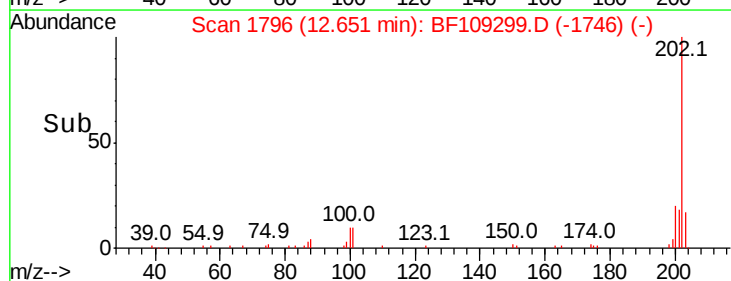
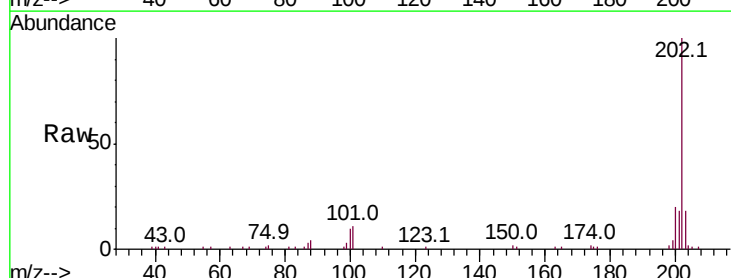
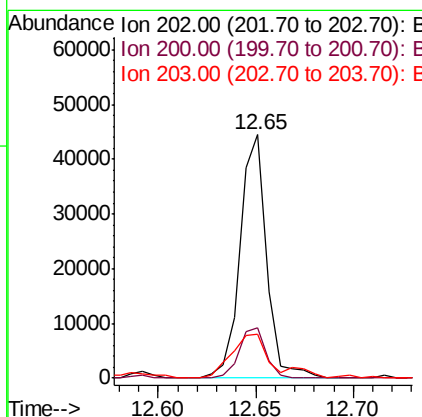
RT: 12.65 min Scan# 1796

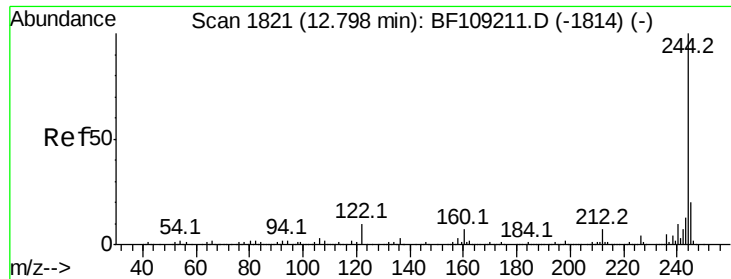
Delta R.T. -0.01 min

Lab File: BF109299.D

Acq: 25 Sep 2018 21:15

Tgt Ion:	202	Resp:	41848
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.4	26.2
203	18.0	14.3	21.5





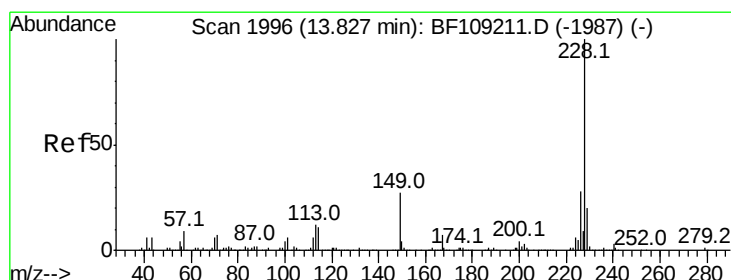
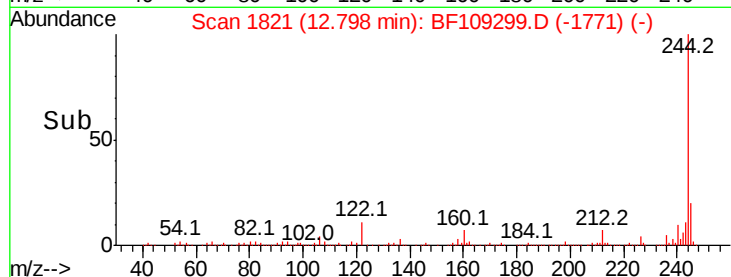
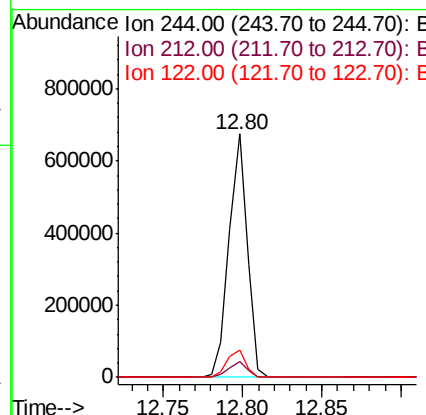
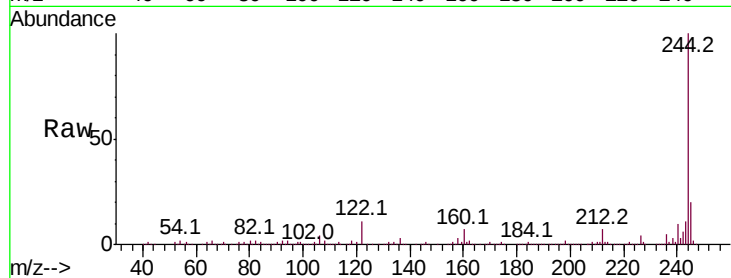
#78
 Terphenyl-d14
 Concen: 47.930 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF109299.D
 Acq: 25 Sep 2018 21:15

Instrument :
 BNA_F
 ClientSampleId :
 GRID08-COMP-092018

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.1	11.0	16.4

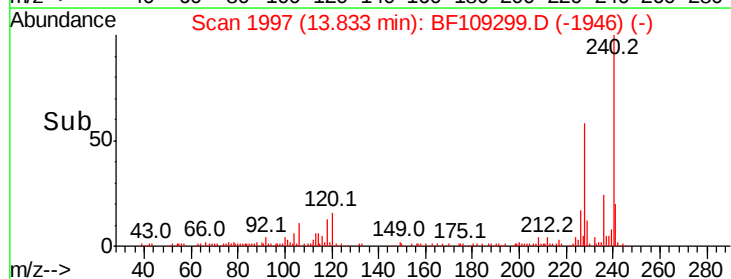
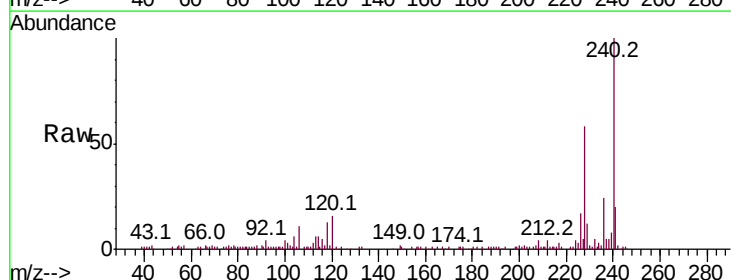
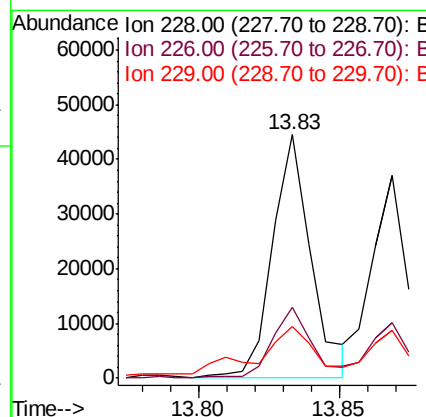
Manual Integrations
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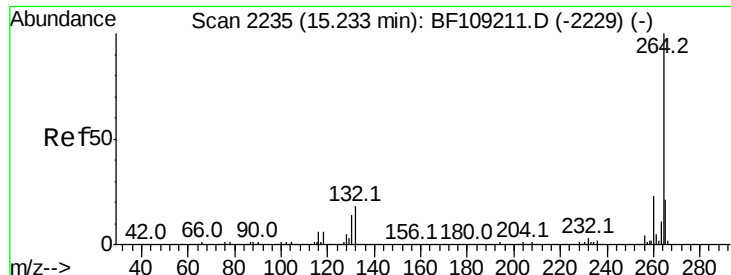
Sohil
 9/26/2018 3:42:17 PM



#80
 Benzo(a)anthracene
 Concen: 2.544 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BF109299.D
 Acq: 25 Sep 2018 21:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	21.1	15.8	23.6





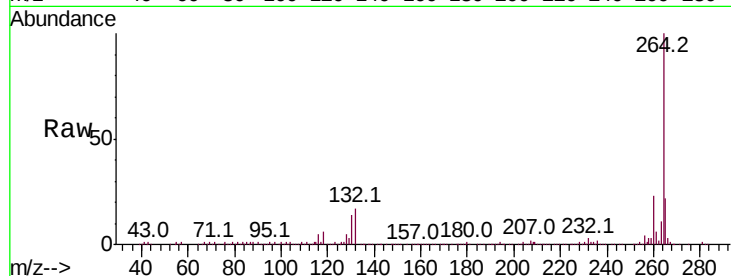
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109299.D
Acq: 25 Sep 2018 21:15

Instrument :
BNA_F
ClientSampleId :
GRID08-COMP-092018

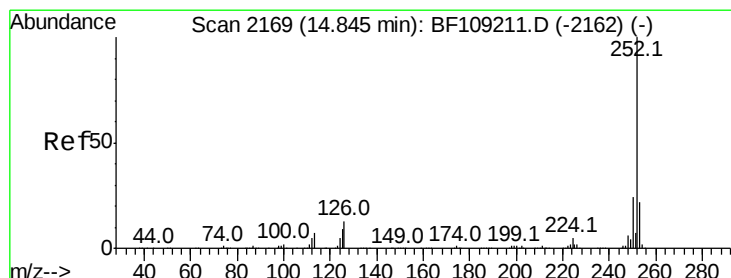
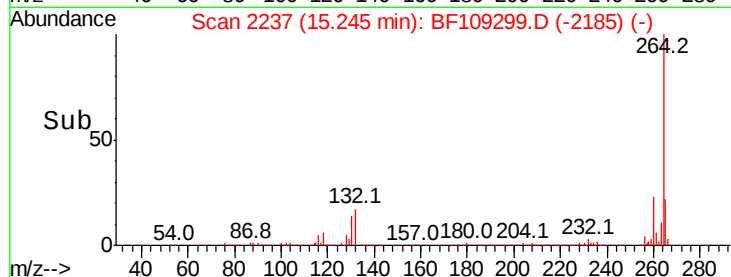
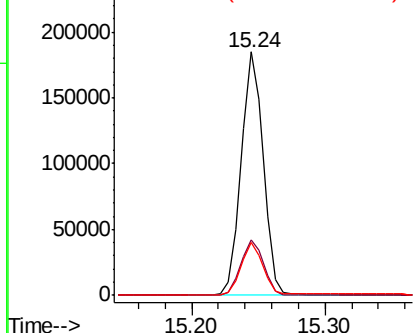
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.8	17.5	26.3

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9/26/2018 3:42:17 PM



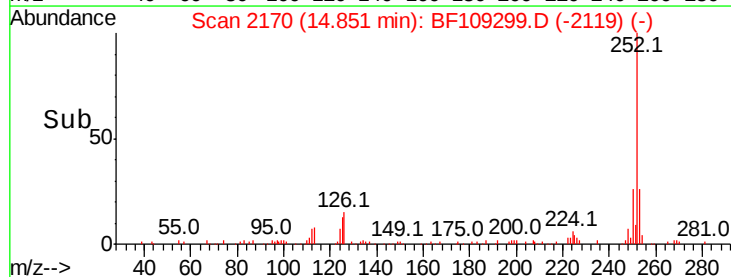
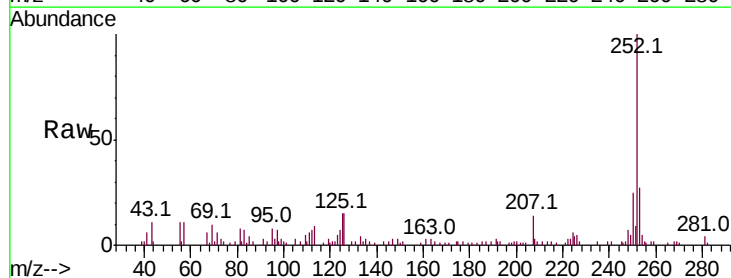
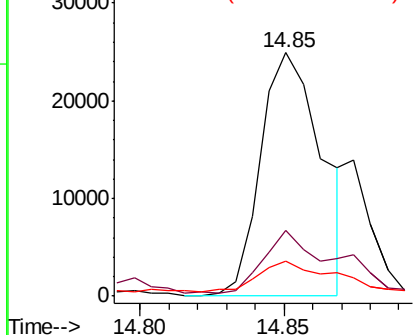
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

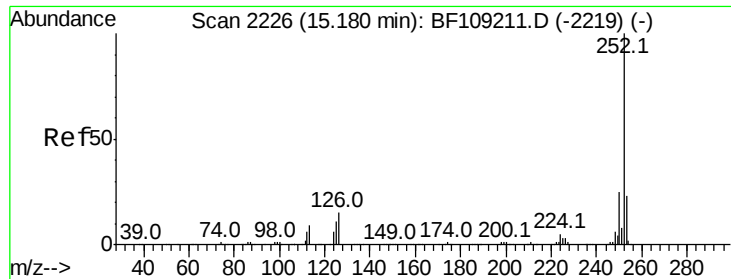


#87
Benzo(b)fluoranthene
Concen: 3.170 ng m
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF109299.D
Acq: 25 Sep 2018 21:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.0	25.6#
125	14.5	9.0	13.6#

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





#89
 Benzo(a)pyrene
 Concen: 2.585 ng
 RT: 15.19 min Scan# 2227
 Delta R.T. 0.00 min
 Lab File: BF109299.D
 Acq: 25 Sep 2018 21:15

Instrument :
 BNA_F
 ClientSampleId :
 GRID08-COMP-092018

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.1	25.7
125	14.1	9.8	14.6

Manual Integrations
 APPROVED

Sohil
 9/26/2018 3:42:17 PM

