

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
 Data File : BF109266.D
 Acq On : 24 Sep 2018 14:42
 Operator : JU/SJ
 Sample : J5044-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID09-COMP-092018

Manual Integrations
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Sohil
 9/26/2018 11:34:25 AM

Quant Time: Sep 25 09:07:44 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	6.70	152	107660	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	417416	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	196246	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	340242	20.00	ng	0.00
75) Chrysene-d12	13.84	240	274125	20.00	ng	0.00
86) Perylene-d12	15.24	264	283756	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	524136	80.19	ng	0.00
7) Phenol-d6	6.35	99	669638	80.29	ng	-0.01
23) Nitrobenzene-d5	7.26	82	422879	59.80	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	157817	81.58	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	761731	58.54	ng	-0.01
78) Terphenyl-d14	12.79	244	578866	51.82	ng	-0.01
Target Compounds						
10) Phenol	6.36	94	29404	3.113	ng	98
49) Dimethylphthalate	9.46	163	181890	12.743	ng	98
70) Phenanthrene	11.23	178	50813	2.991	ng	98
74) Fluoranthene	12.42	202	46792	2.577	ng	95

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

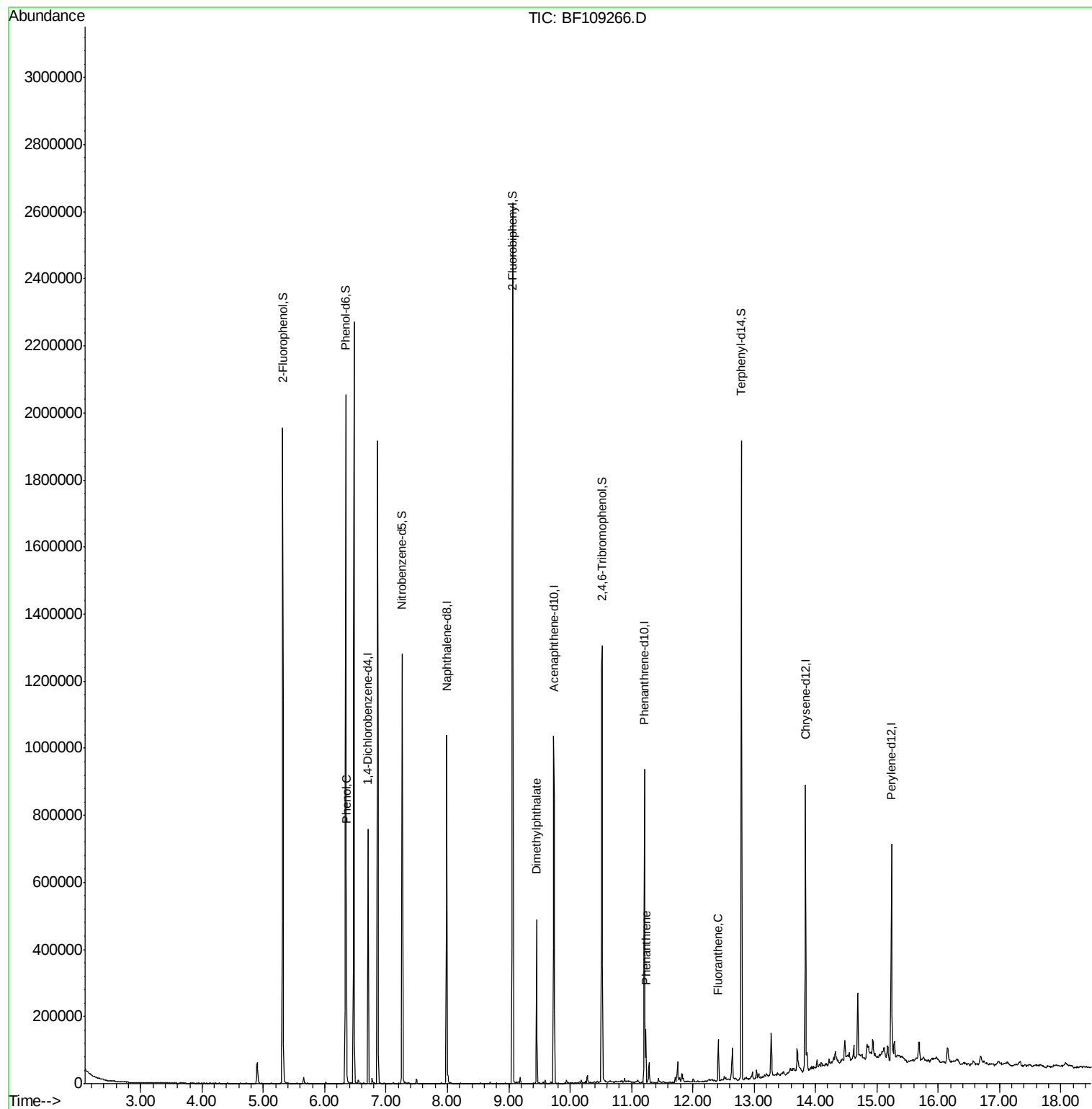
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
Data File : BF109266.D
Acq On : 24 Sep 2018 14:42
Operator : JU/SJ
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#1

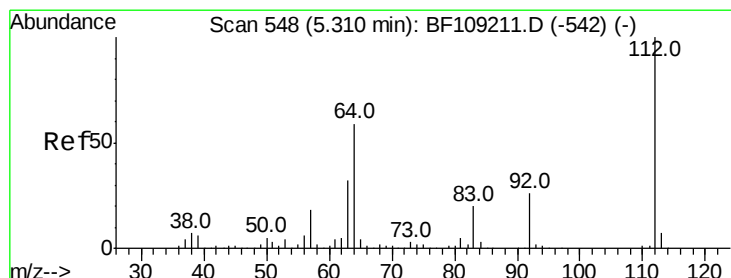
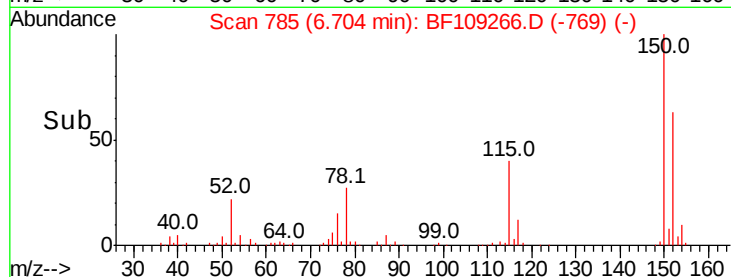
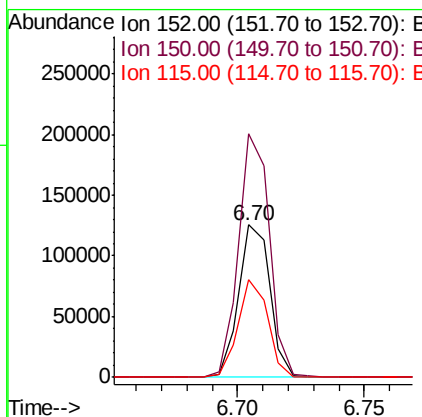
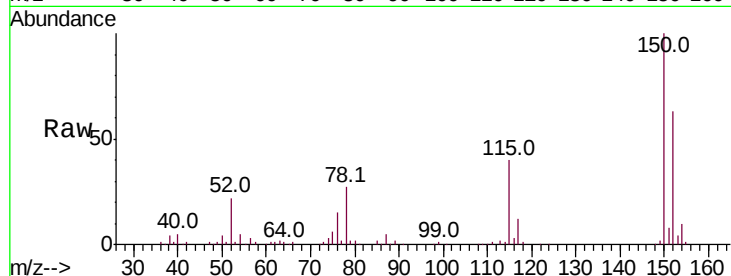
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109266.D
Acq: 24 Sep 2018 14:42

Instrument :
BNA_F
ClientSampleId :
GRID09-COMP-092018

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.6	186.8
115	63.9	50.1	75.1

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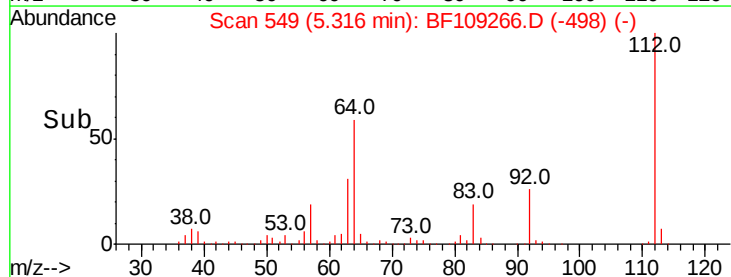
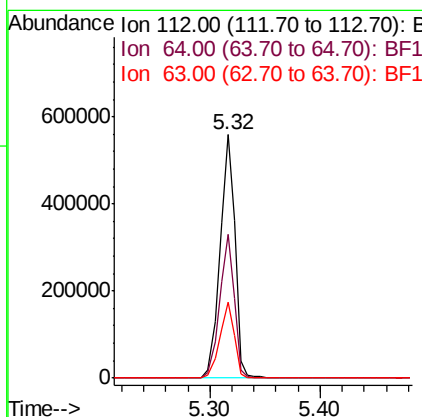
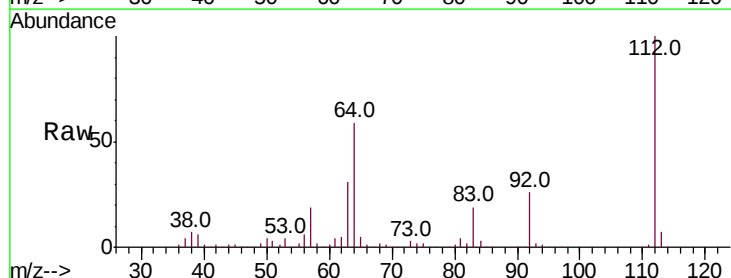
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#5

2-Fluorophenol
Concen: 80.187 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109266.D
Acq: 24 Sep 2018 14:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.9	71.9
63	31.3	23.7	35.5





#7

Phenol-d6

Concen: 80.285 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109266.D

Acq: 24 Sep 2018 14:42

Instrument :

BNA_F

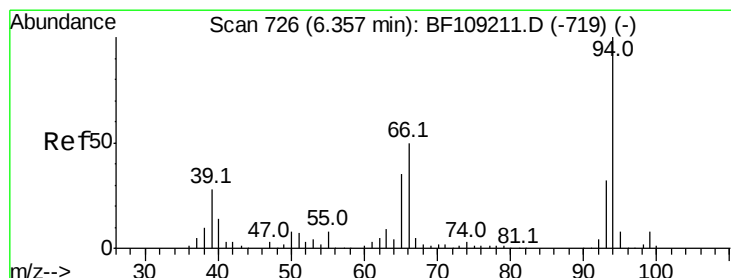
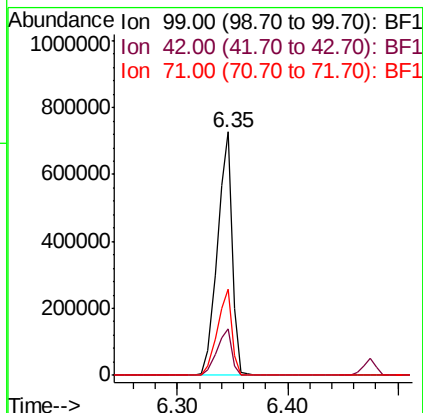
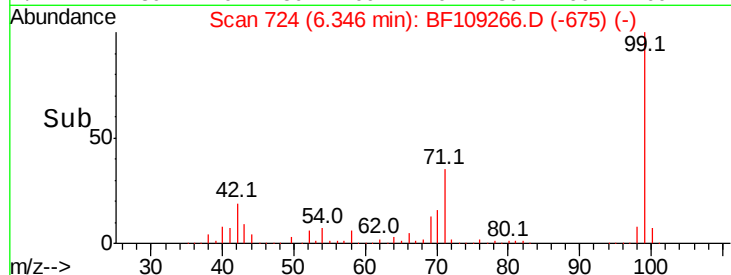
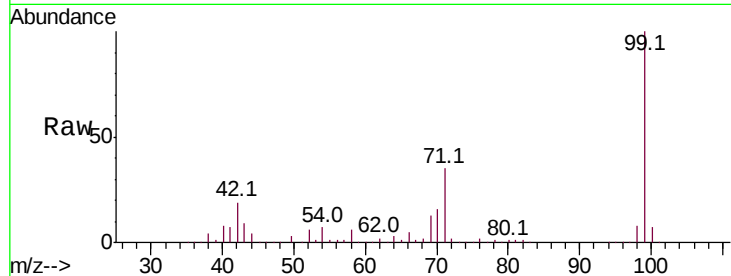
ClientSampleId :

GRID09-COMP-092018

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		669638		
42	18.9	14.5	21.7		
71	35.1	25.4	38.0		

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#10

Phenol

Concen: 3.113 ng

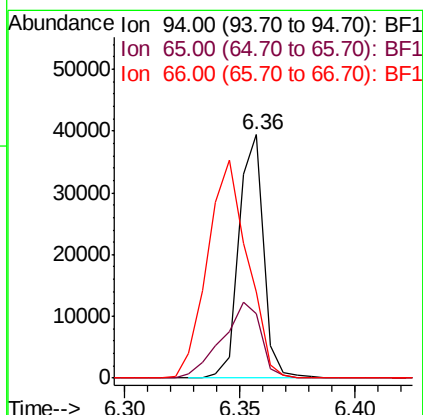
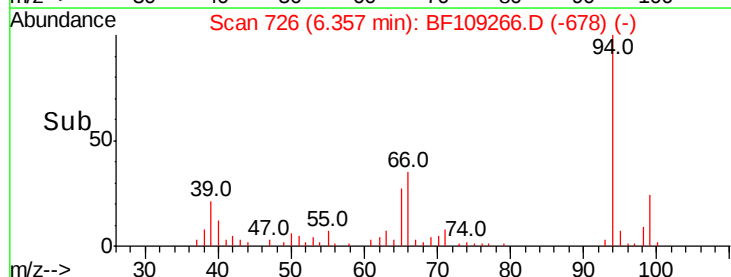
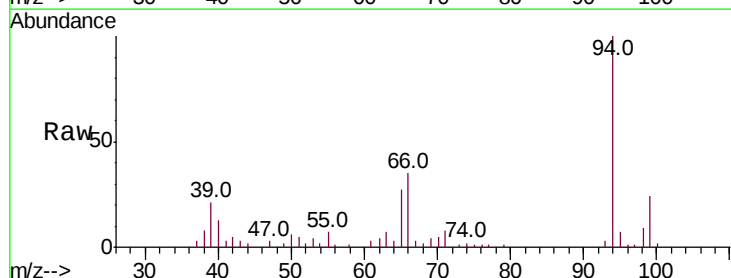
RT: 6.36 min Scan# 726

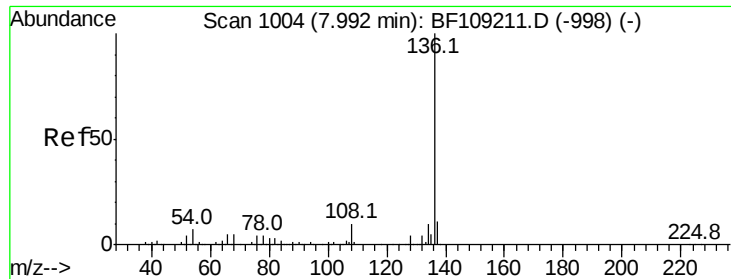
Delta R.T. -0.02 min

Lab File: BF109266.D

Acq: 24 Sep 2018 14:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		29404		
65	26.6	7.9	47.9		
66	35.5	16.2	56.2		





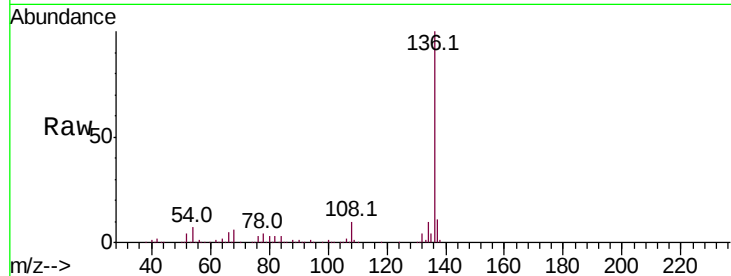
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109266.D
Acq: 24 Sep 2018 14:42

Instrument :
BNA_F
ClientSampleId :
GRID09-COMP-092018

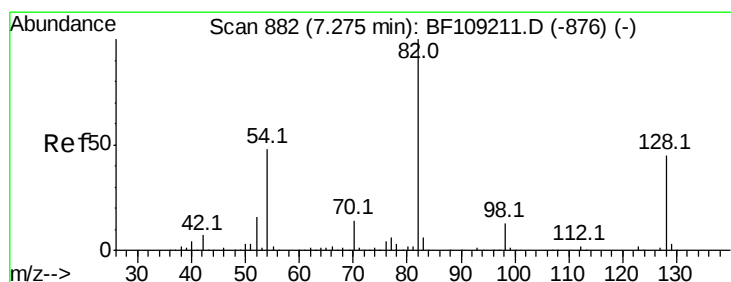
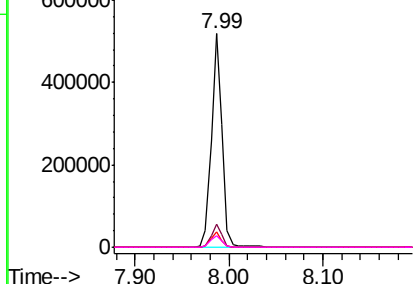
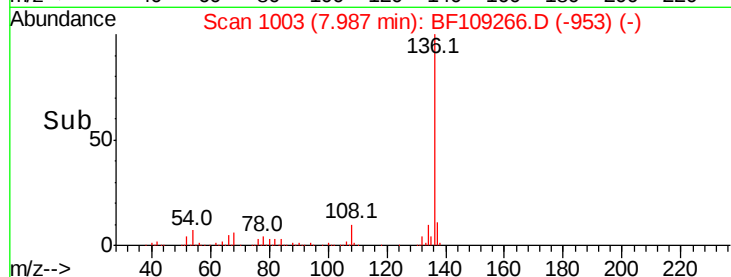
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	7.4	6.6	9.8	
68	5.6	5.0	7.4	

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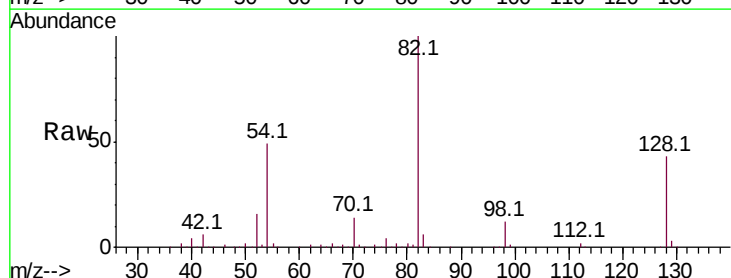


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

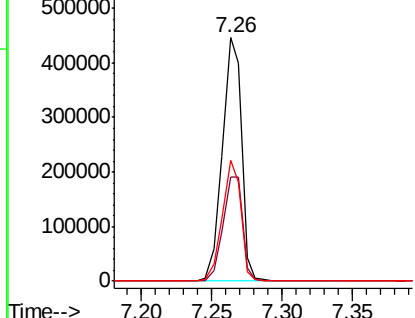
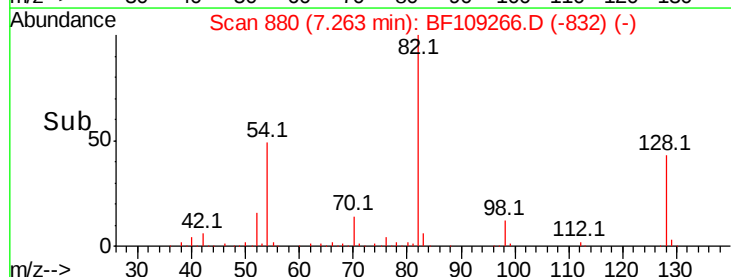


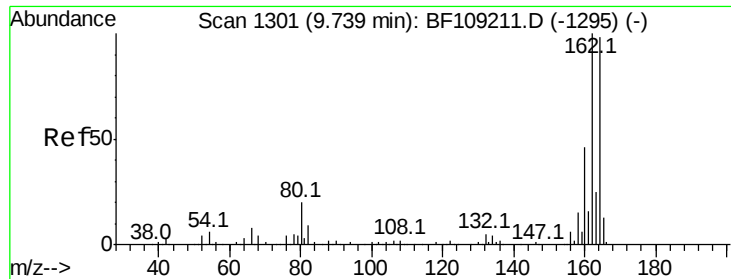
#23
Nitrobenzene-d5
Concen: 59.804 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109266.D
Acq: 24 Sep 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.9	36.1	54.1	
54	49.3	41.4	62.2	



Abundance Ion 82.00 (81.70 to 82.70): BF1
600000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





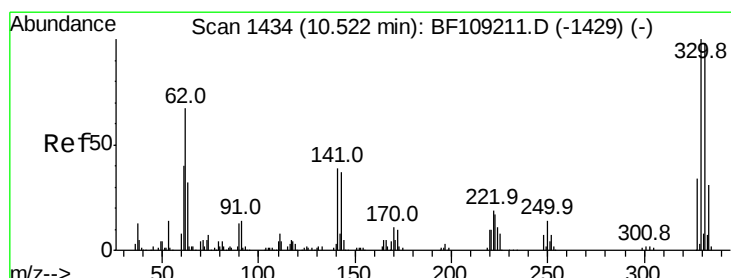
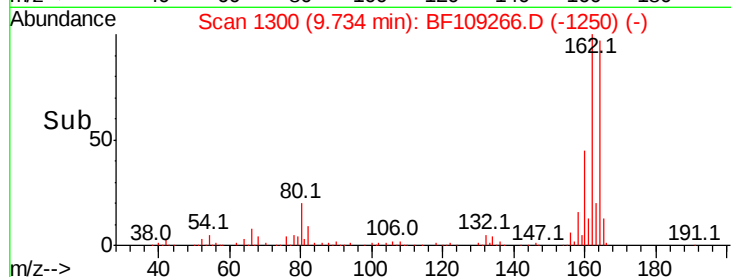
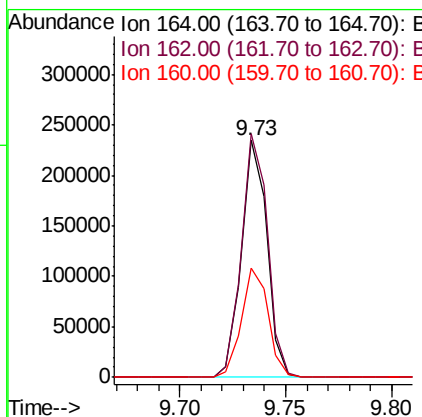
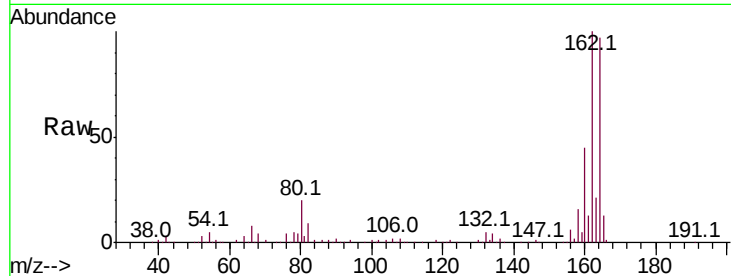
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109266.D
Acq: 24 Sep 2018 14:42

Instrument :
BNA_F
ClientSampleId :
GRID09-COMP-092018

Tot Ion	Ratio	Resp	Lower	Upper
164	100	196246		
162	102.7	86.1	129.1	
160	46.1	38.3	57.5	

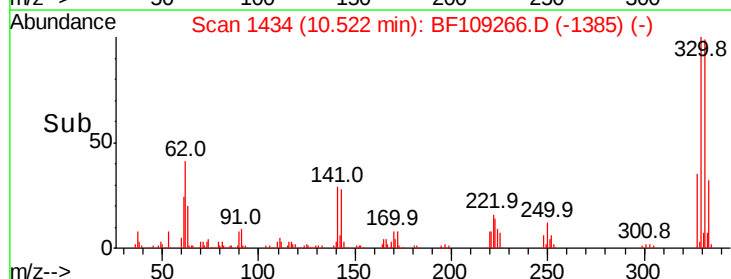
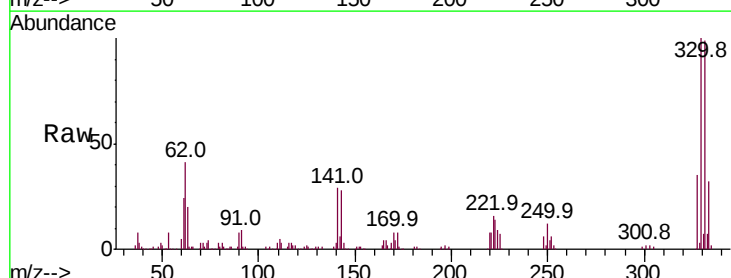
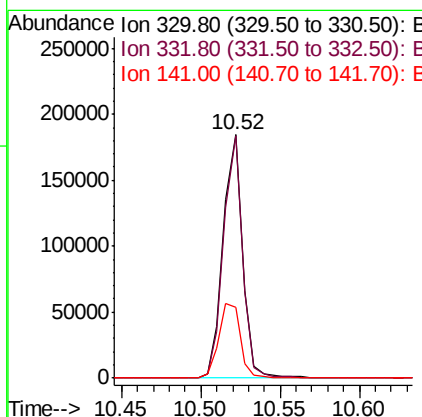
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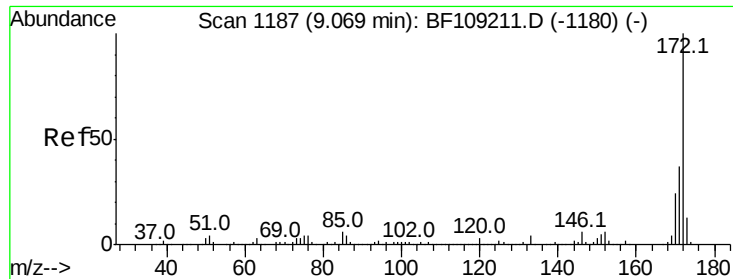
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#41
2,4,6-Tribromophenol
Concen: 81.577 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109266.D
Acq: 24 Sep 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	157817		
332	97.2	77.0	115.6	
141	34.0	29.9	44.9	





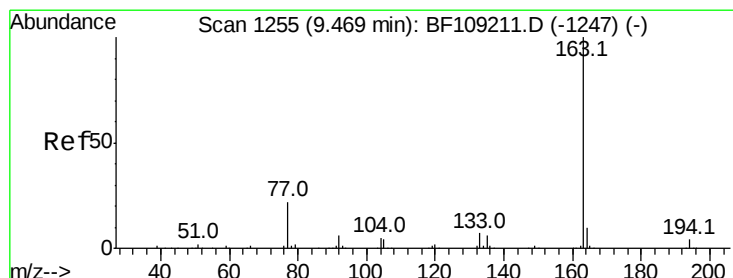
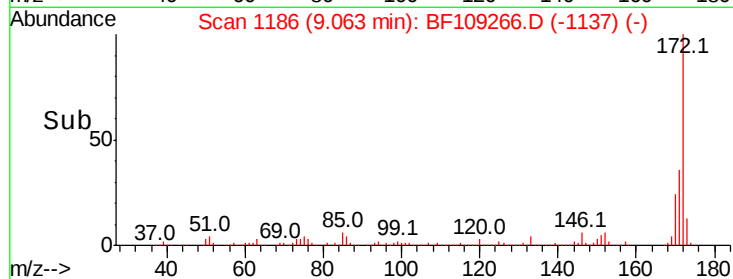
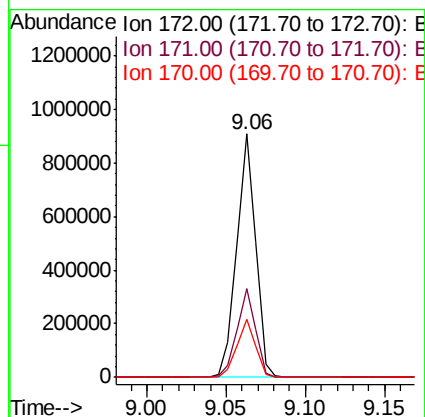
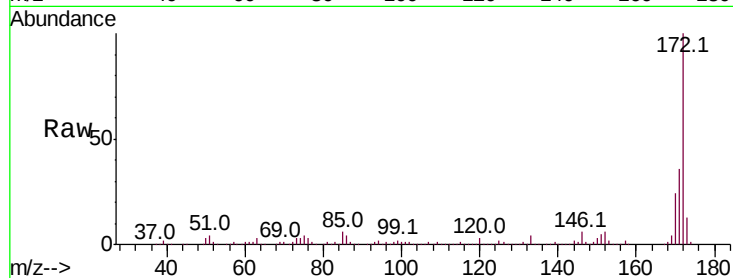
#44
2-Fluorobiphenyl
Concen: 58.541 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109266.D
Acq: 24 Sep 2018 14:42

Instrument :
BNA_F
ClientSampleId :
GRID09-COMP-092018

Tot Ion	Ratio	Resp	Lower	Upper
172	100	761731		
171	36.4		29.7	44.5
170	23.7		19.6	29.4

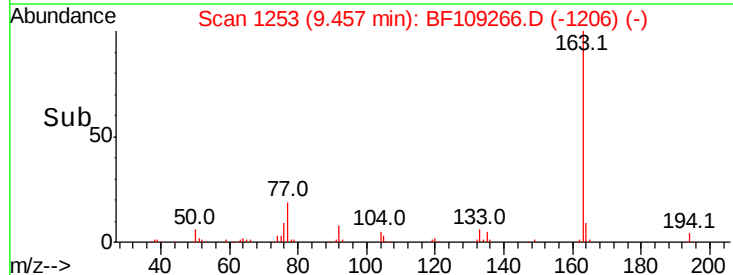
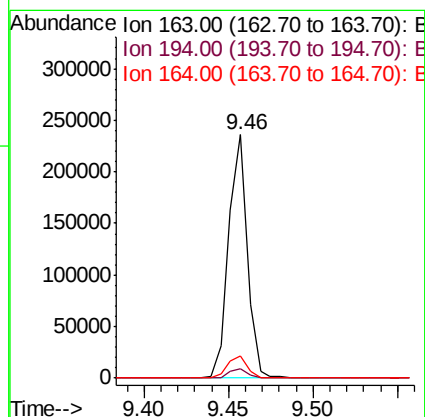
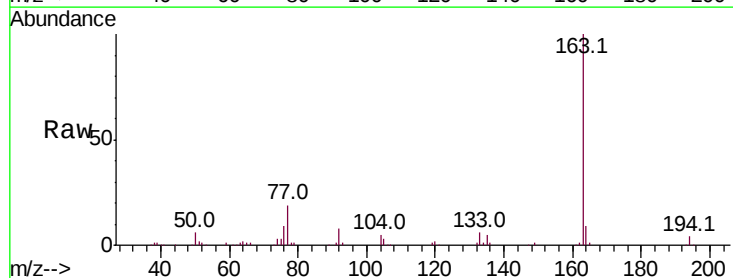
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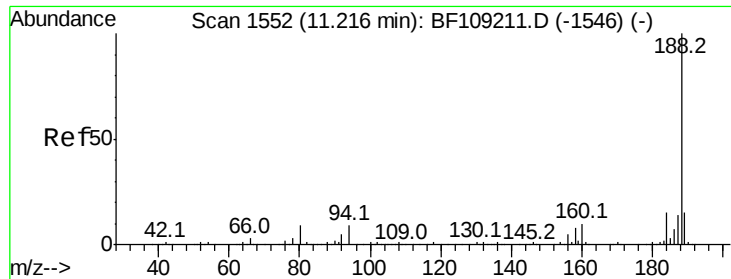
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#49
Dimethylphthalate
Concen: 12.743 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109266.D
Acq: 24 Sep 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	181890		
194	3.6		2.7	4.1
164	9.4		8.2	12.2





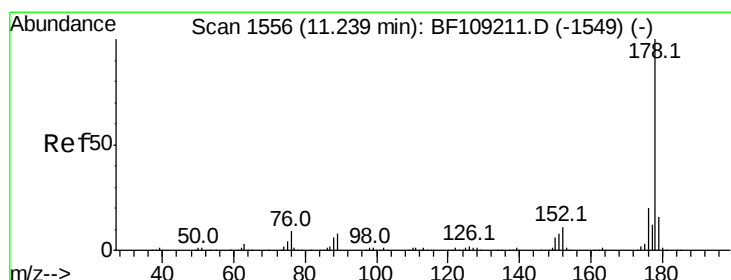
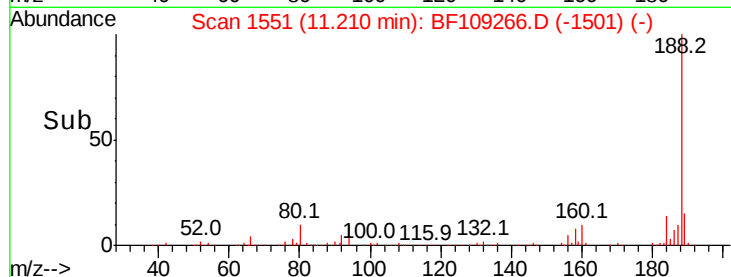
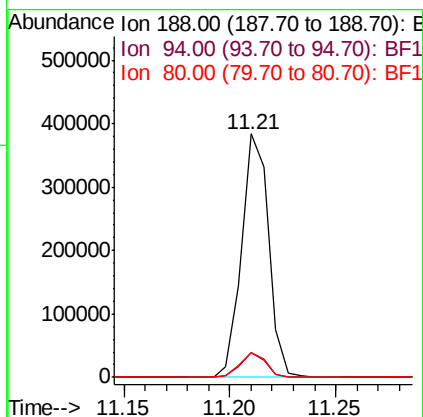
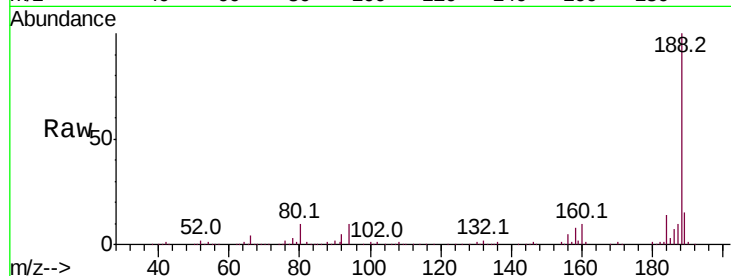
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109266.D
 Acq: 24 Sep 2018 14:42

Instrument :
 BNA_F
 ClientSampleId :
 GRID09-COMP-092018

Tot Ion	Ratio	Resp	Lower	Upper
188	100	340242		
94	10.1		8.5	12.7
80	10.3		9.2	13.8

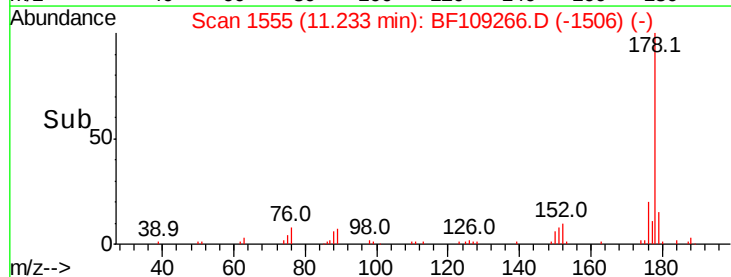
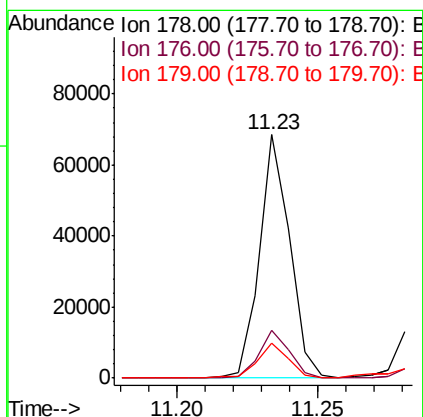
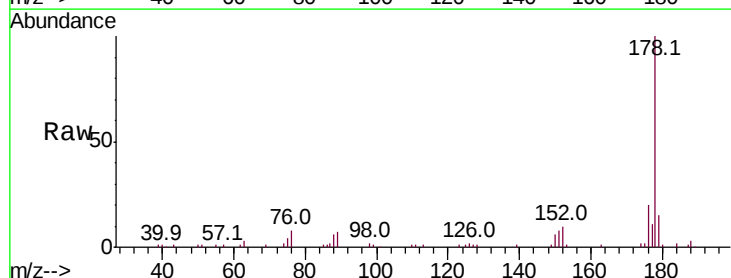
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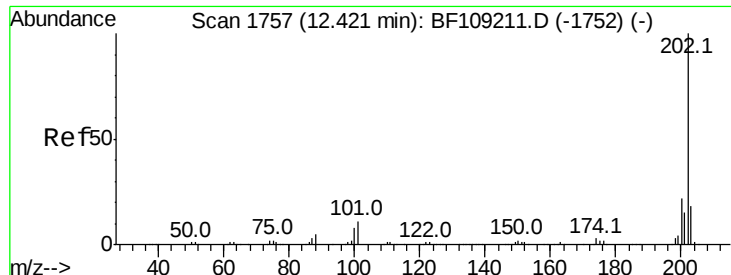
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#70
 Phenanthrene
 Concen: 2.991 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF109266.D
 Acq: 24 Sep 2018 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	50813		
176	19.7		15.8	23.8
179	14.5		13.0	19.6





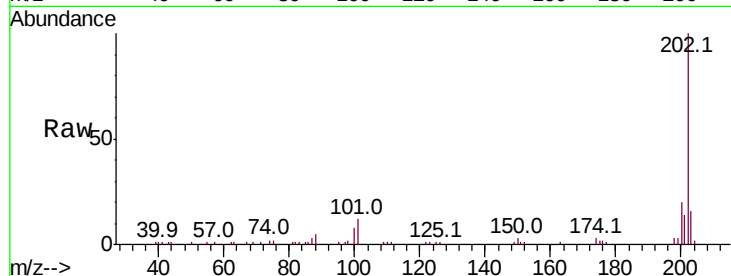
#74
Fluoranthene
Concen: 2.577 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF109266.D
Acq: 24 Sep 2018 14:42

Instrument :
BNA_F
ClientSampleId :
GRID09-COMP-092018

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.6	0.0	34.1
203	16.5	0.0	38.1

Manual Integrations
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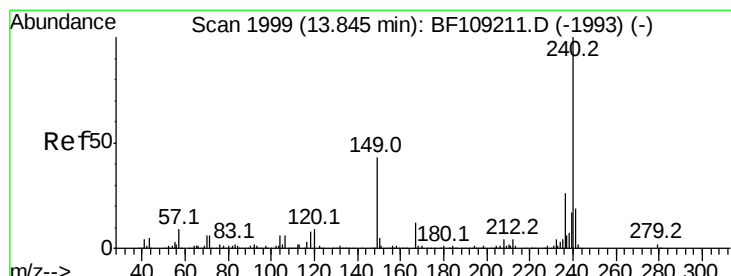
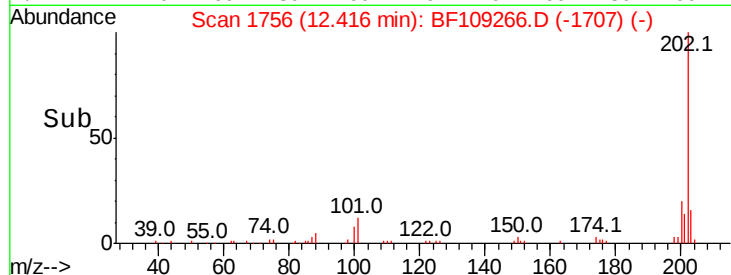
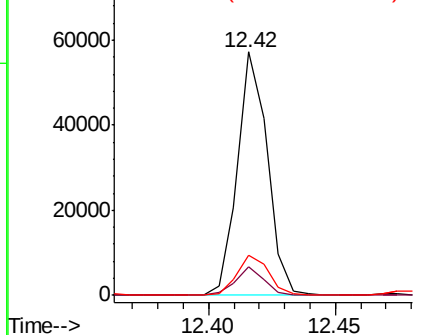


Abundance

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# 1998
Delta R.T. -0.01 min
Lab File: BF109266.D
Acq: 24 Sep 2018 14:42

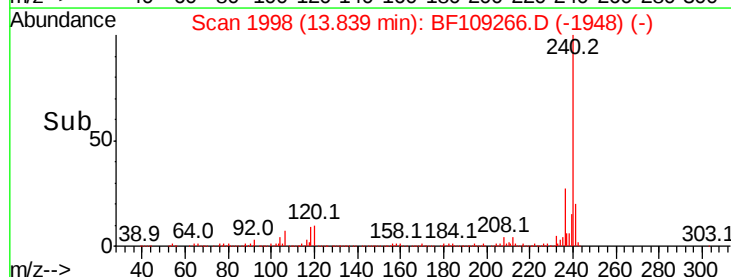
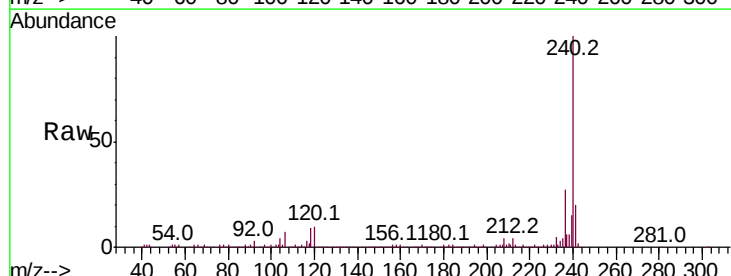
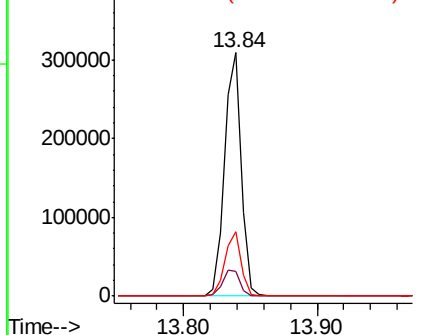
Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.1	9.5	14.3
236	26.7	20.7	31.1

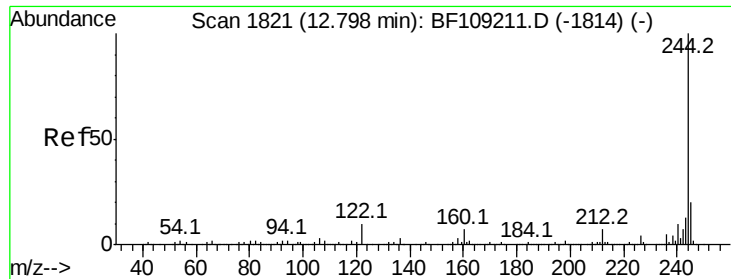
Abundance

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





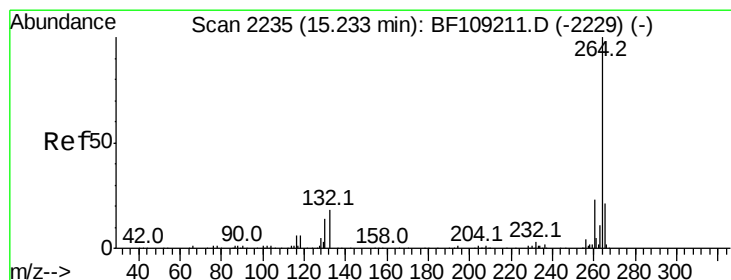
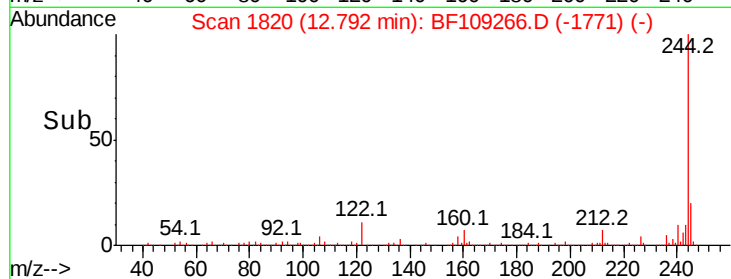
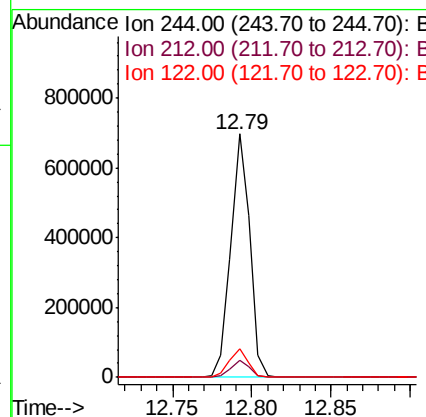
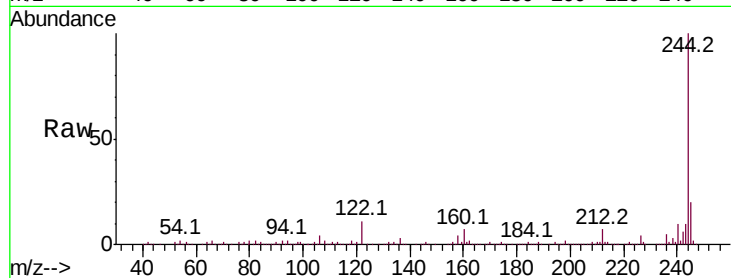
#78
 Terphenyl-d14
 Concen: 51.824 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109266.D
 Acq: 24 Sep 2018 14:42

Instrument :
 BNA_F
 ClientSampleId :
 GRID09-COMP-092018

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.5	11.0	16.4

Manual Integrations
 APPROVED

Sohil
 9/26/2018 11:34:25 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109266.D
 Acq: 24 Sep 2018 14:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.0	17.5	26.3

