

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
 Data File : BF109306.D
 Acq On : 26 Sep 2018 00:20
 Operator : JU/SJ
 Sample : J5044-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID07-COMP-092018

Manual Integrations
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Sohil
 9/26/2018 3:43:01 PM

Quant Time: Sep 26 04:57:06 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	114580	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	426518	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	181953	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	295869	20.00	ng	0.00
75) Chrysene-d12	13.84	240	266805	20.00	ng	0.00
86) Perylene-d12	15.24	264	196409	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	483414	69.49	ng	0.00
7) Phenol-d6	6.35	99	618109	69.63	ng	-0.01
23) Nitrobenzene-d5	7.27	82	378597	52.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	115757	64.54	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	633609	52.52	ng	-0.01
78) Terphenyl-d14	12.80	244	512300	47.12	ng	0.00
Target Compounds						
10) Phenol	6.36	94	27199	2.706	ng	98
49) Dimethylphthalate	9.46	163	182775	13.811	ng	99
70) Phenanthrene	11.24	178	35246	2.386	ng	96
74) Fluoranthene	12.42	202	50482	3.198	ng	96
77) Pyrene	12.65	202	44941	2.350	ng	97
87) Benzo(b)fluoranthene	14.85	252	24318m	2.253	ng	

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

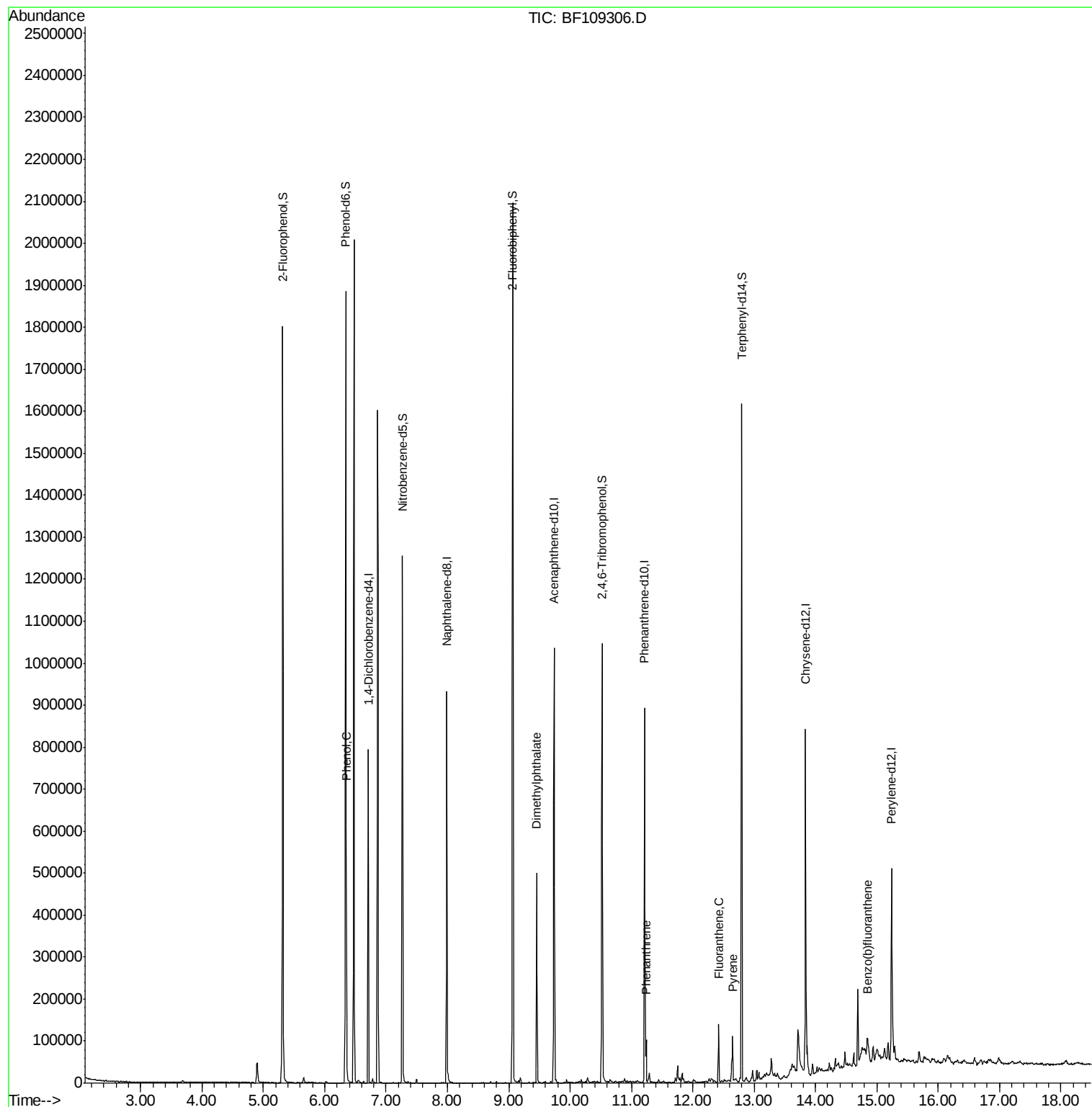
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109306.D
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Sample : J5044-07
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ALS Vial : 26 Sample Multiplier: 1

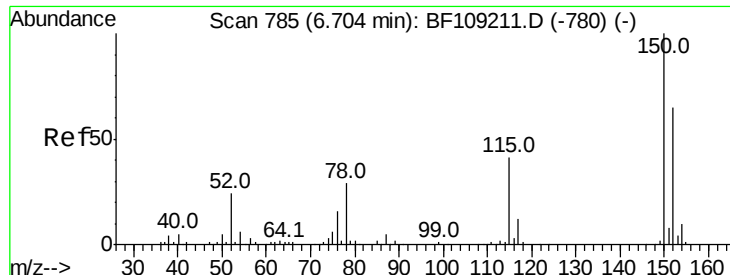
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

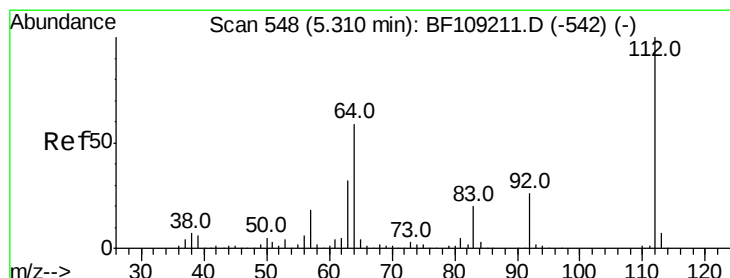
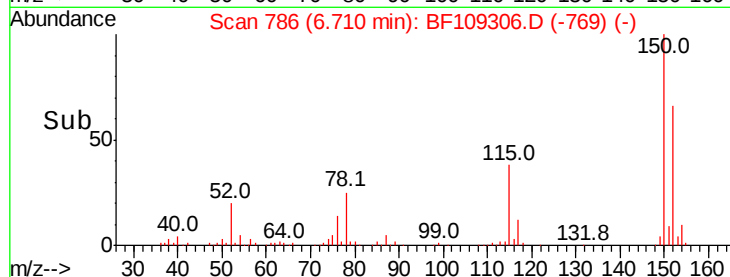
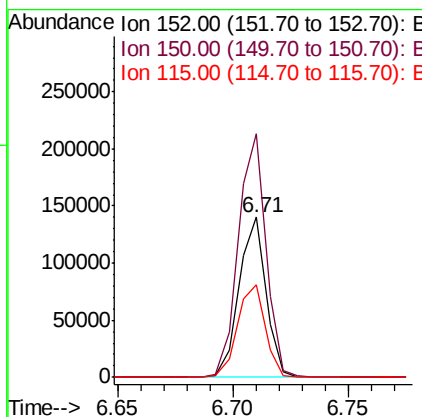
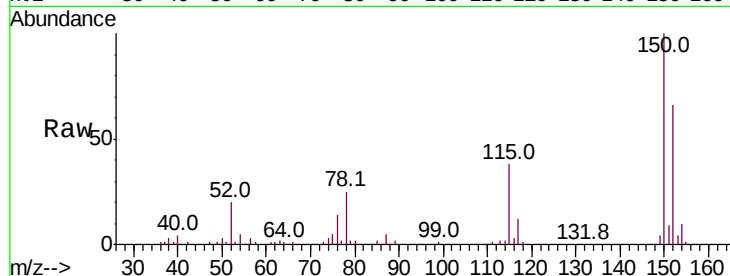
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109306.D
Acq: 26 Sep 2018 00:20

Instrument :
BNA_F
ClientSampleId :
GRID07-COMP-092018

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	124.6	186.8
115	57.9	50.1	75.1

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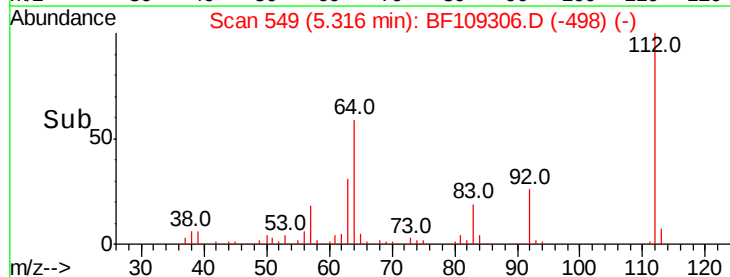
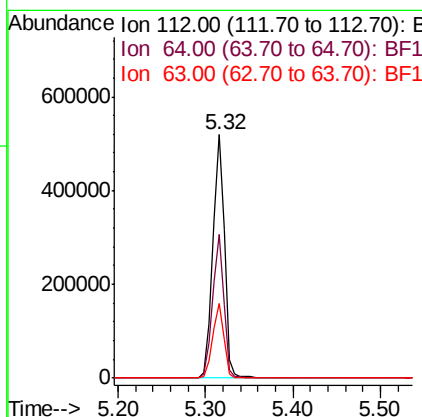
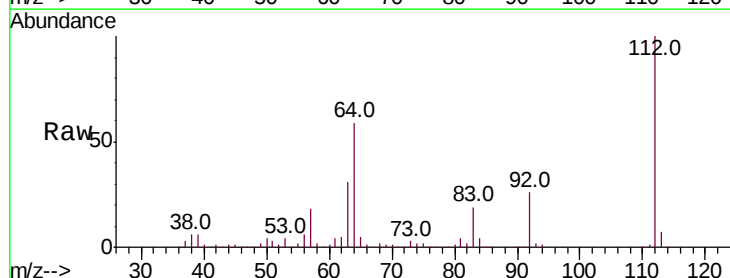
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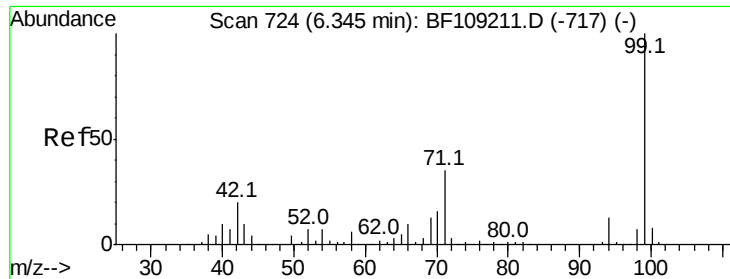


#5

2-Fluorophenol
Concen: 69.490 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109306.D
Acq: 26 Sep 2018 00:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.9	71.9
63	30.8	23.7	35.5





#7

Phenol-d6

Concen: 69.632 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109306.D

Acq: 26 Sep 2018 00:20

Instrument :

BNA_F

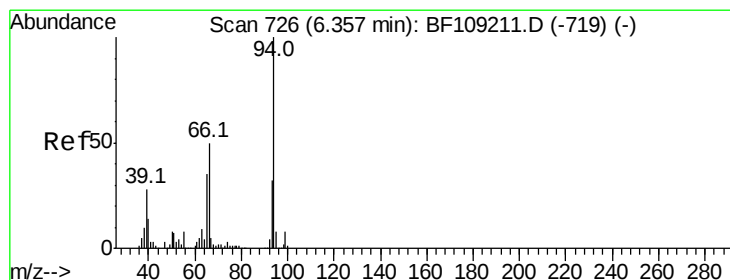
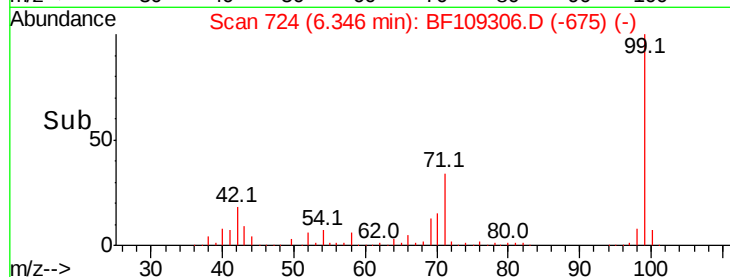
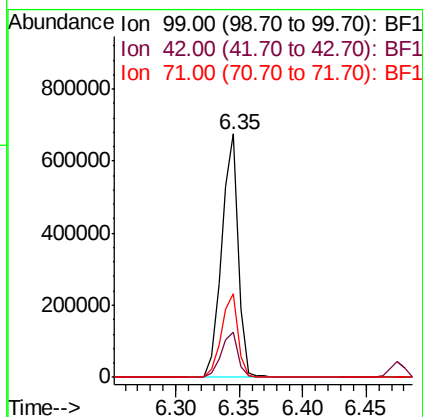
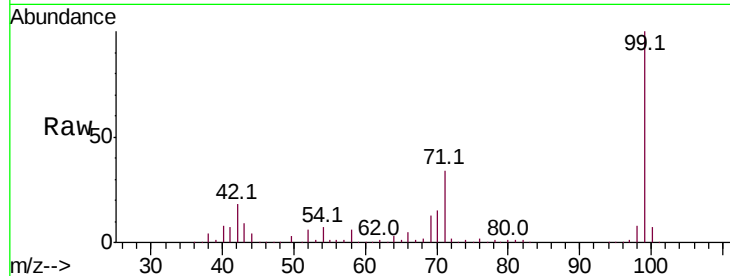
ClientSampleId :

GRID07-COMP-092018

Tot Ion:	99	Resp:	618109
Ion Ratio	Lower	Upper	
99	100		
42	18.5	14.5	21.7
71	34.2	25.4	38.0

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#10

Phenol

Concen: 2.706 ng

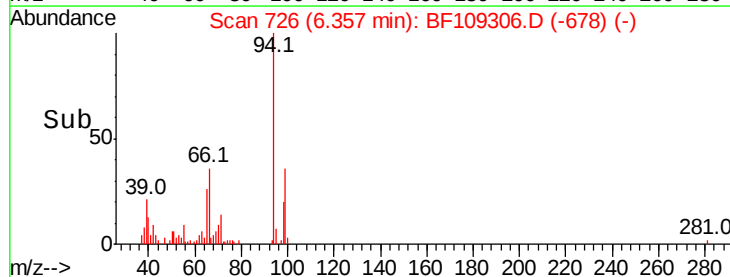
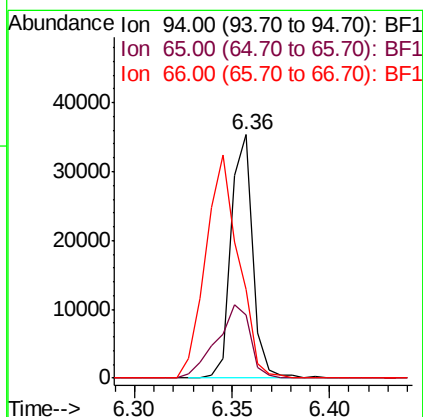
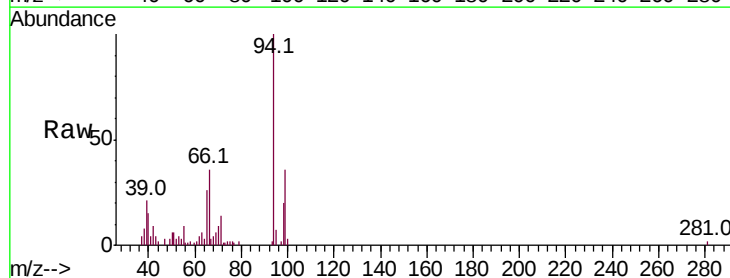
RT: 6.36 min Scan# 726

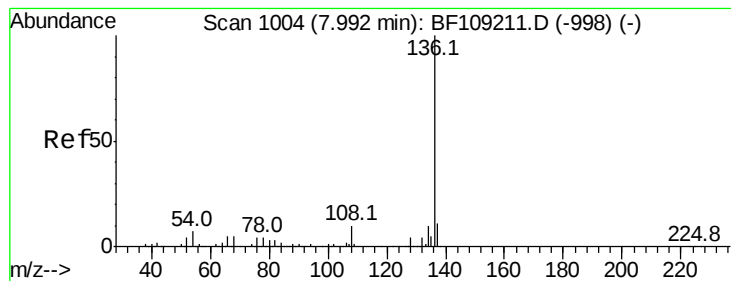
Delta R.T. -0.02 min

Lab File: BF109306.D

Acq: 26 Sep 2018 00:20

Tgt Ion:	94	Resp:	27199
Ion Ratio	Lower	Upper	
94	100		
65	25.9	7.9	47.9
66	36.4	16.2	56.2





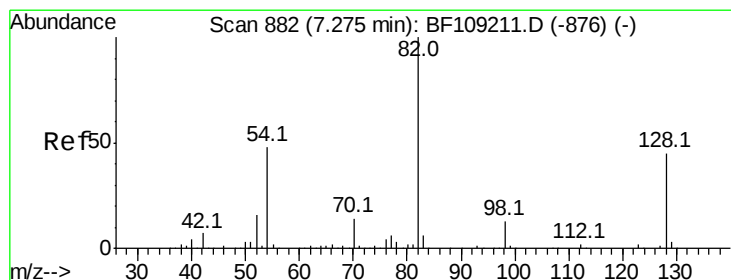
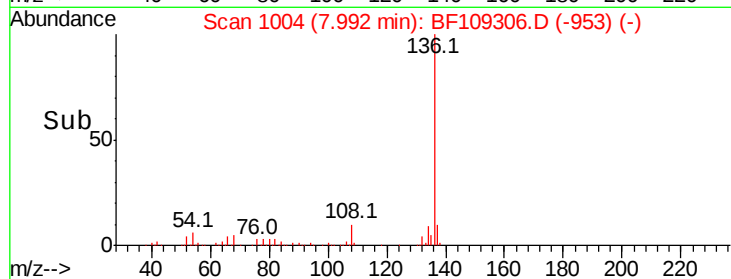
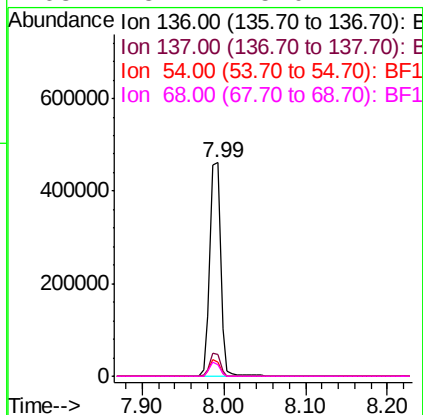
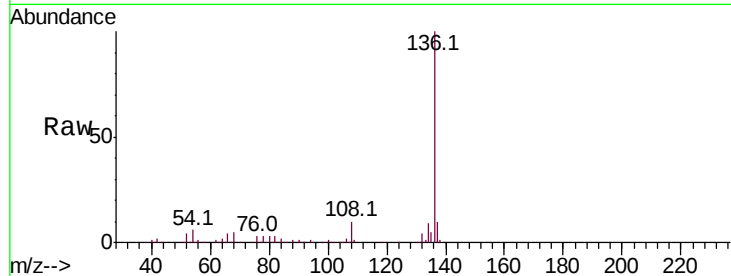
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF109306.D
Acq: 26 Sep 2018 00:20

Instrument :
BNA_F
ClientSampleId :
GRID07-COMP-092018

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.9	13.3	
54	6.4	6.6	9.8	
68	5.1	5.0	7.4	

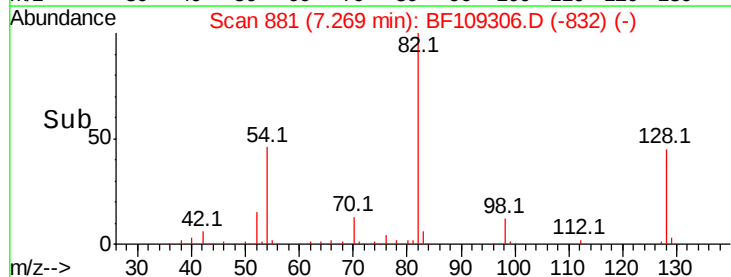
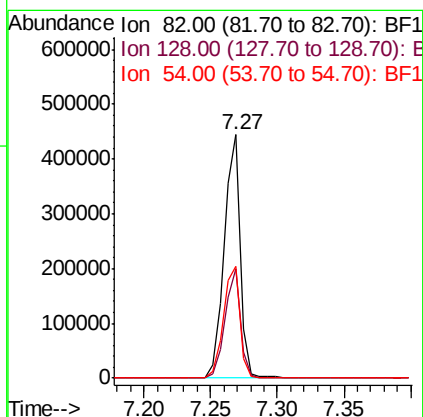
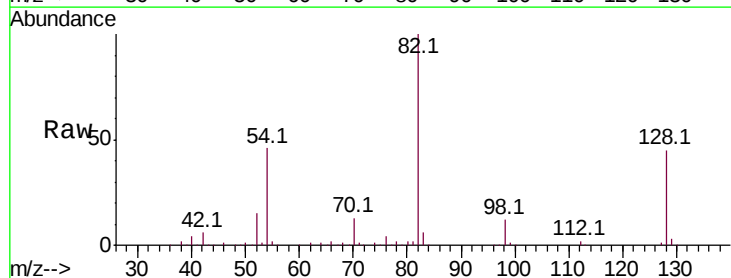
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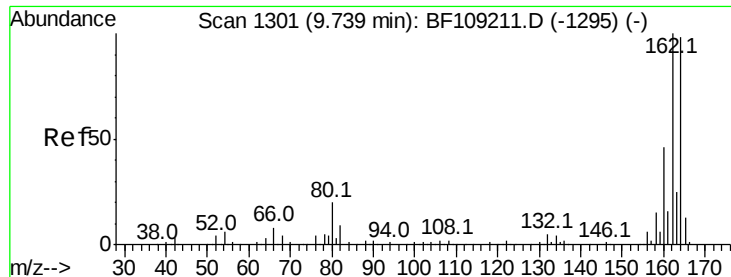
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#23
Nitrobenzene-d5
Concen: 52.399 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109306.D
Acq: 26 Sep 2018 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.0	36.1	54.1	
54	46.1	41.4	62.2	





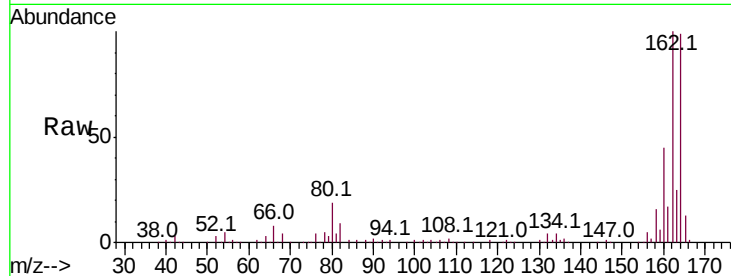
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109306.D
Acq: 26 Sep 2018 00:20

Instrument :
BNA_F
ClientSampleId :
GRID07-COMP-092018

Tot Ion	Ratio	Resp	Lower	Upper
164	100	181953		
162	100.9	86.1	129.1	
160	45.6	38.3	57.5	

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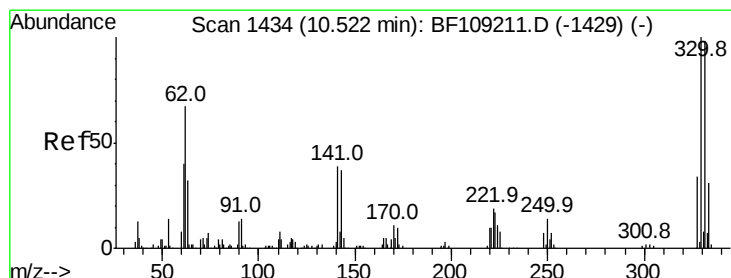
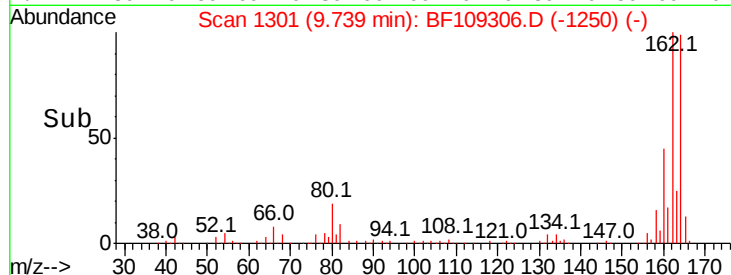
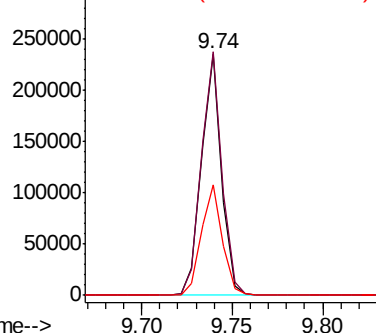


Abundance

Ion 164.00 (163.70 to 164.70): E

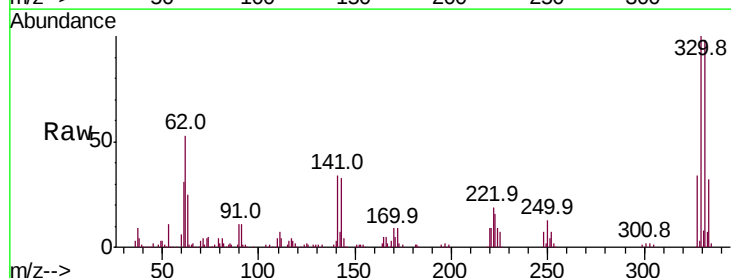
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41
2,4,6-Tribromophenol
Concen: 64.536 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109306.D
Acq: 26 Sep 2018 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	115757		
332	97.6	77.0	115.6	
141	32.4	29.9	44.9	

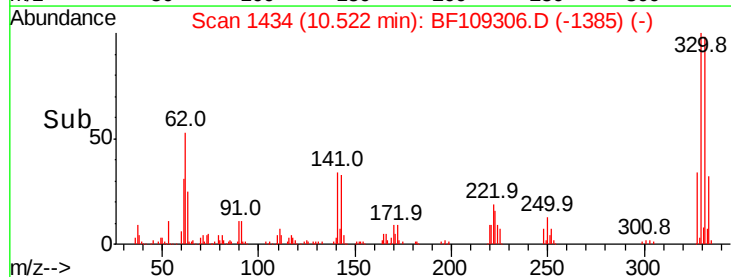
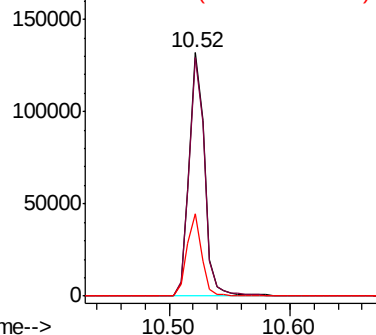


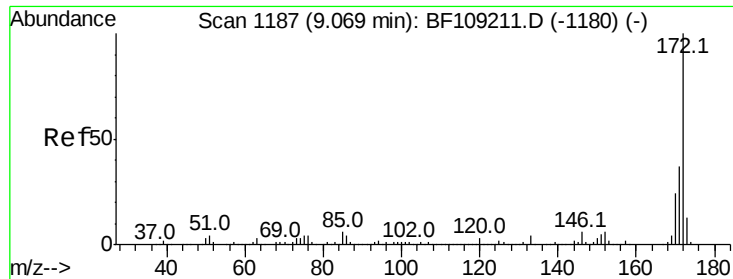
Abundance

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





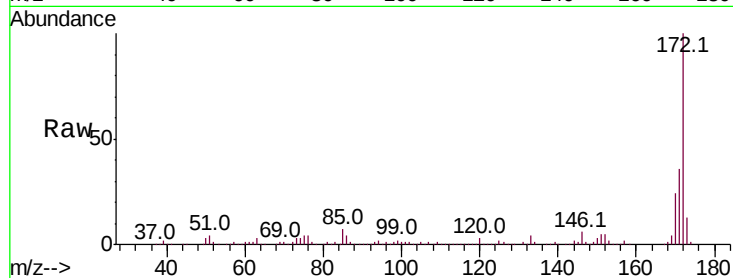
#44
2-Fluorobiphenyl
Concen: 52.519 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109306.D
Acq: 26 Sep 2018 00:20

Instrument :
BNA_F
ClientSampleId :
GRID07-COMP-092018

Tot Ion	Ratio	Resp	Lower	Upper
172	100	633609		
171	35.8		29.7	44.5
170	23.7		19.6	29.4

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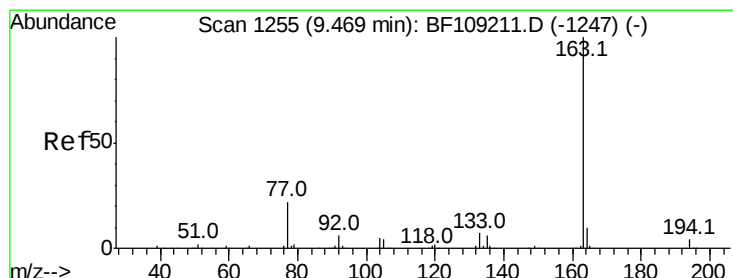
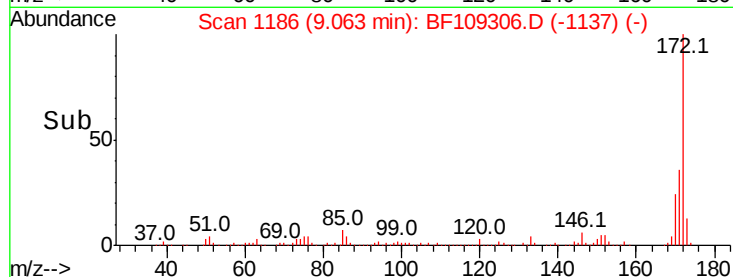
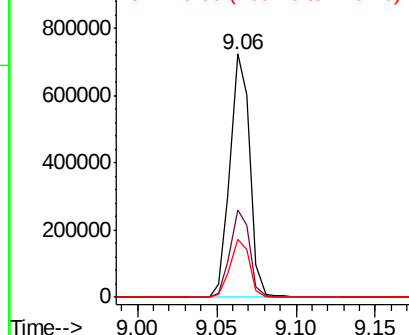


Abundance

Ion 172.00 (171.70 to 172.70): E

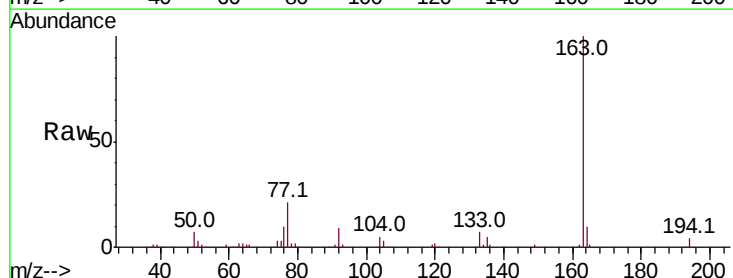
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49
Dimethylphthalate
Concen: 13.811 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109306.D
Acq: 26 Sep 2018 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	182775		
194	3.6		2.7	4.1
164	10.4		8.2	12.2

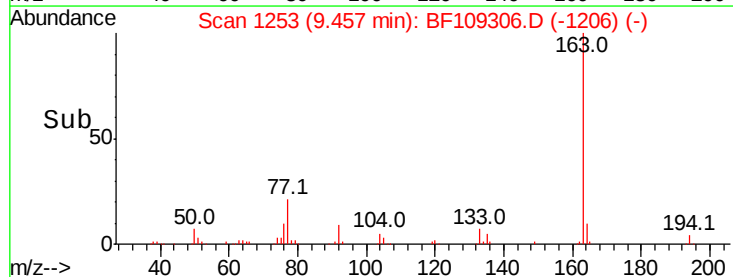
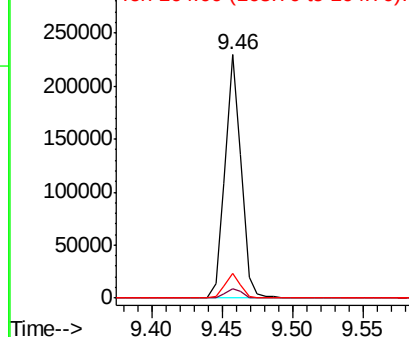


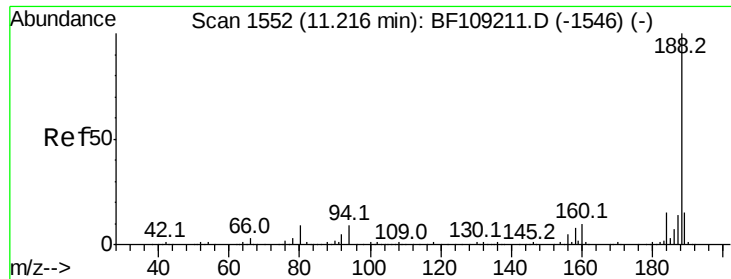
Abundance

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





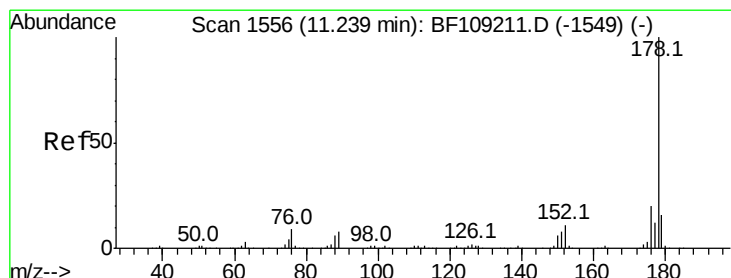
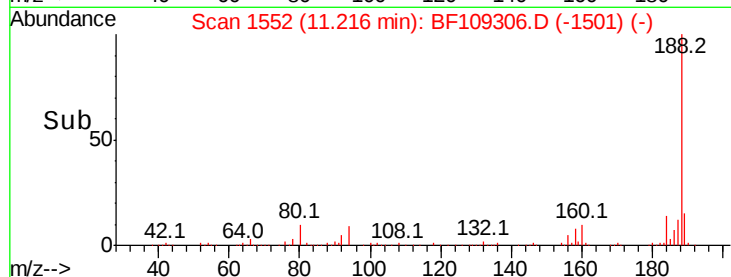
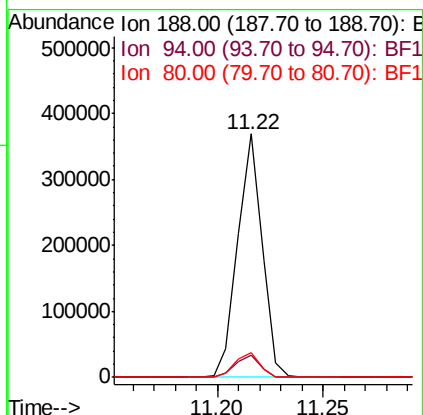
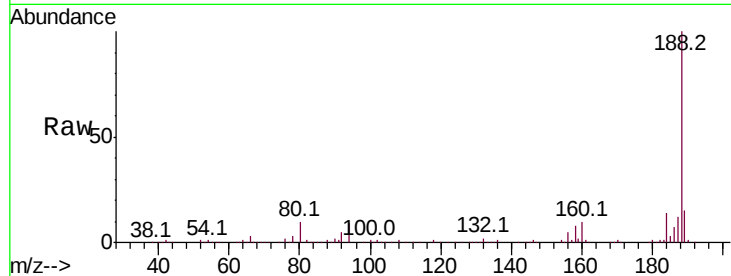
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109306.D
Acq: 26 Sep 2018 00:20

Instrument :
BNA_F
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GRID07-COMP-092018

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.2	8.5	12.7
80	10.0	9.2	13.8

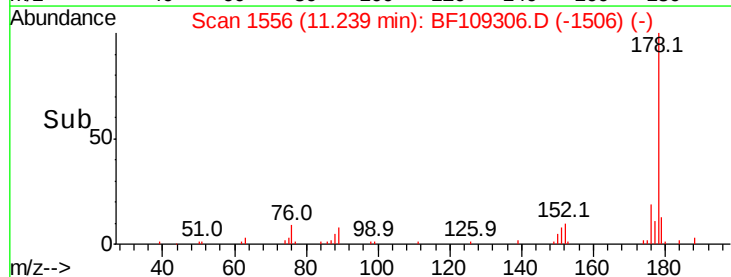
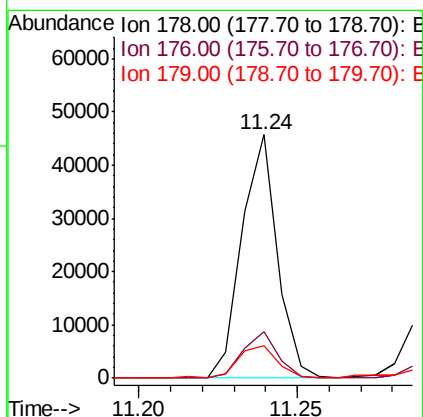
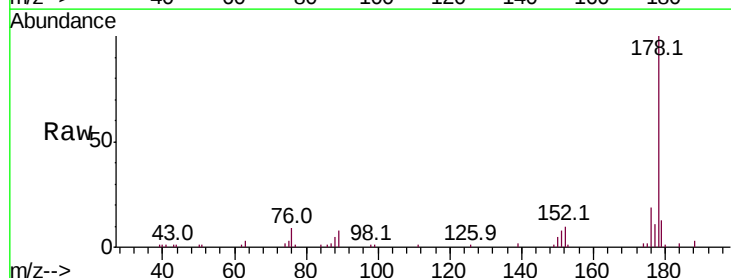
Manual Integrations
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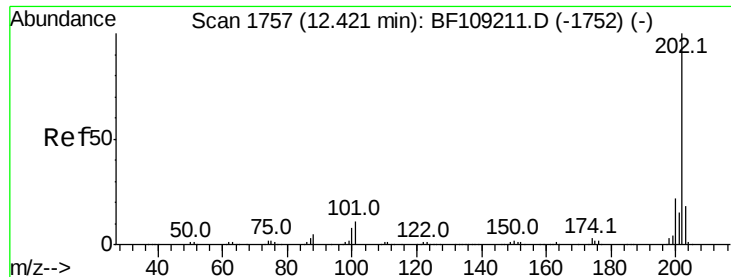
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#70
Phenanthrene
Concen: 2.386 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF109306.D
Acq: 26 Sep 2018 00:20

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.2	15.8	23.8
179	13.3	13.0	19.6





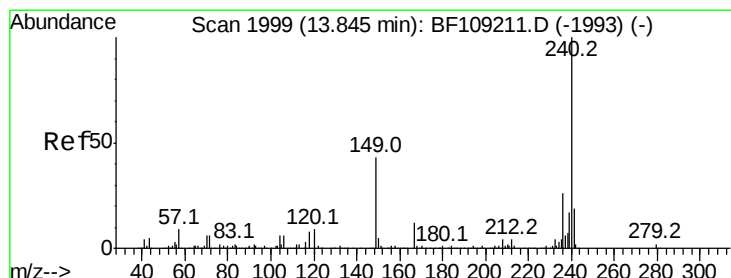
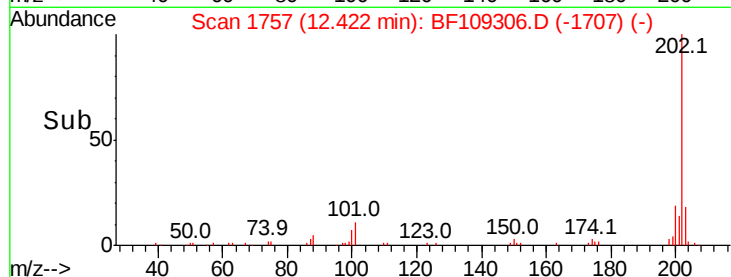
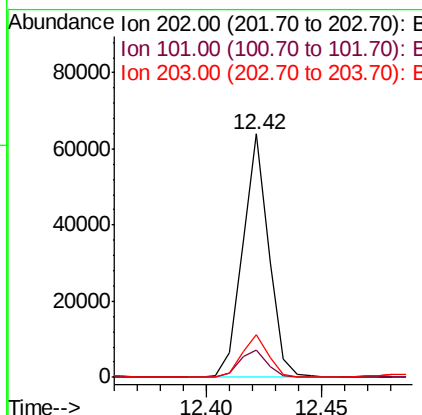
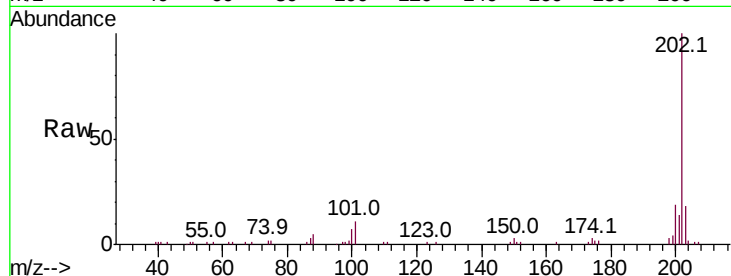
#74
 Fluoranthene
 Concen: 3.198 ng
 RT: 12.42 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BF109306.D
 Acq: 26 Sep 2018 00:20

Instrument :
 BNA_F
 ClientSampleId :
 GRID07-COMP-092018

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.3	0.0	34.1
203	17.5	0.0	38.1

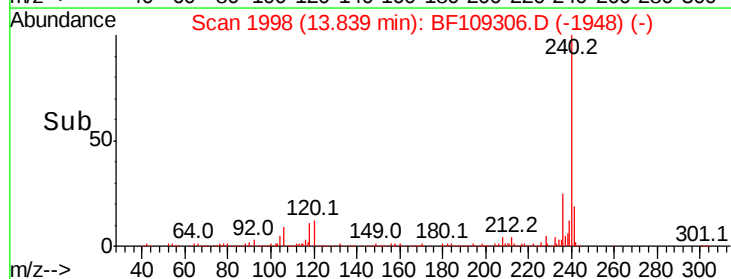
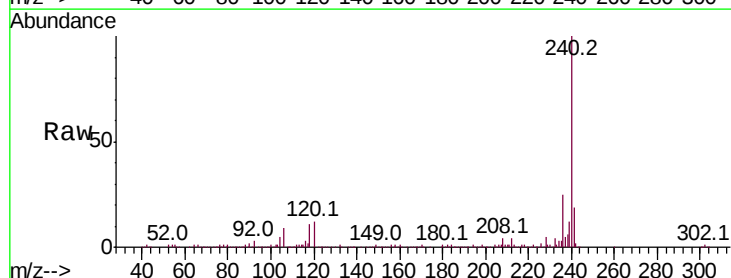
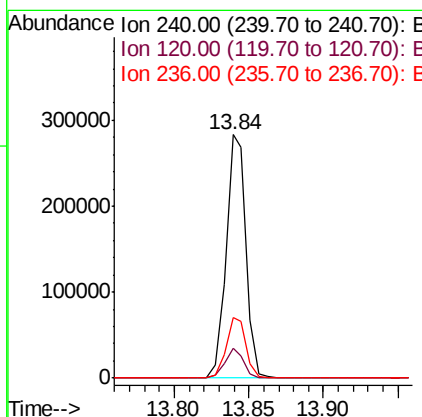
Manual Integrations
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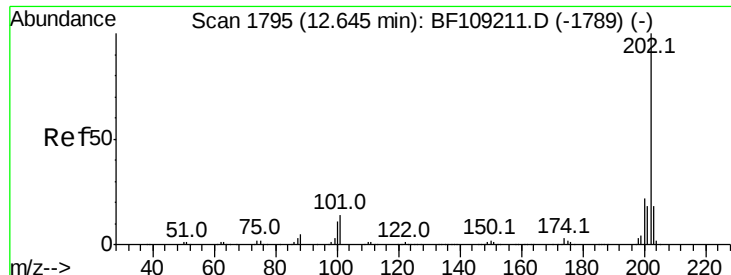
Sohil
 9/26/2018 3:43:01 PM



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF109306.D
 Acq: 26 Sep 2018 00:20

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.4	9.5	14.3
236	25.1	20.7	31.1





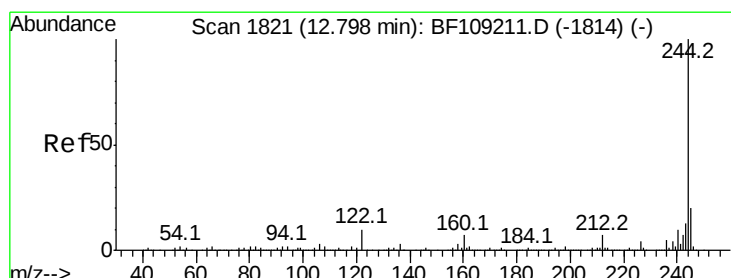
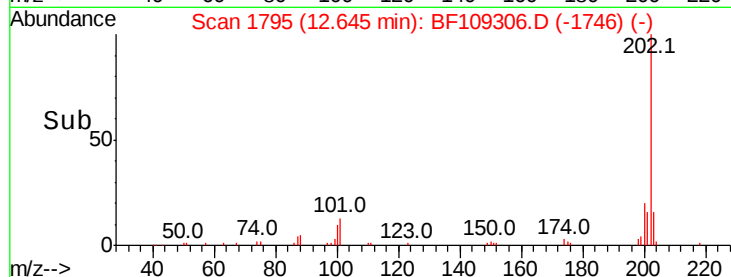
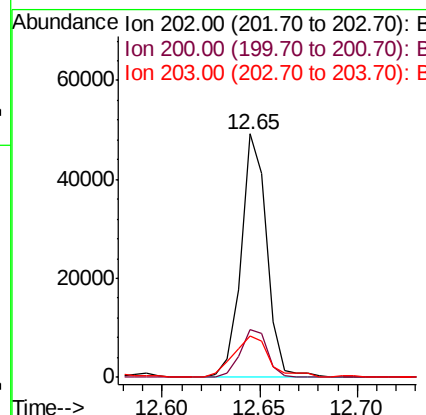
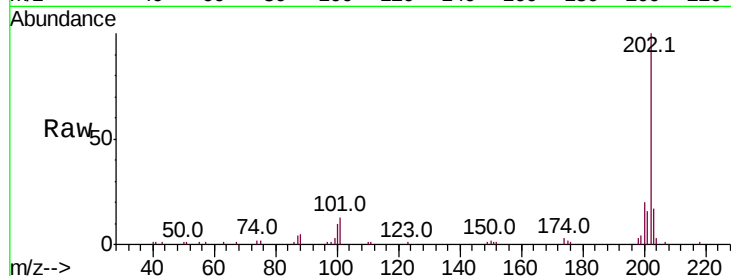
#77
Pvrene
Concen: 2.350 ng
RT: 12.65 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF109306.D
Acq: 26 Sep 2018 00:20

Instrument :
BNA_F
ClientSampleId :
GRID07-COMP-092018

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.4	26.2
203	16.8	14.3	21.5

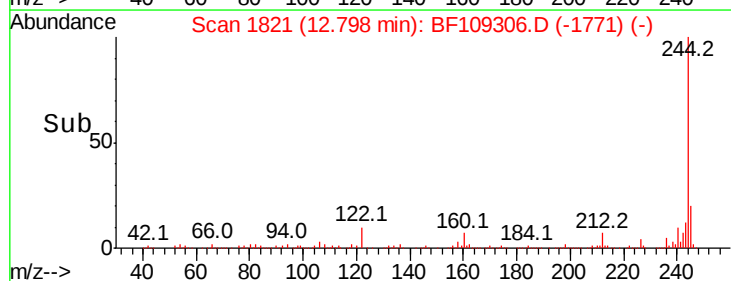
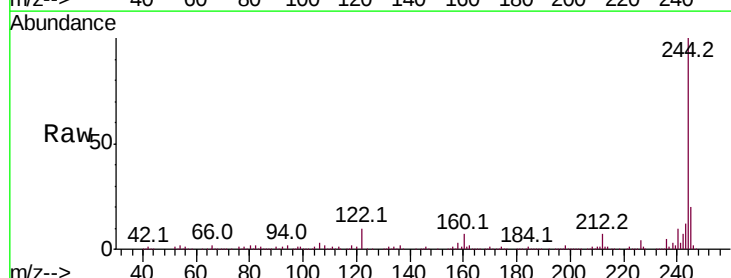
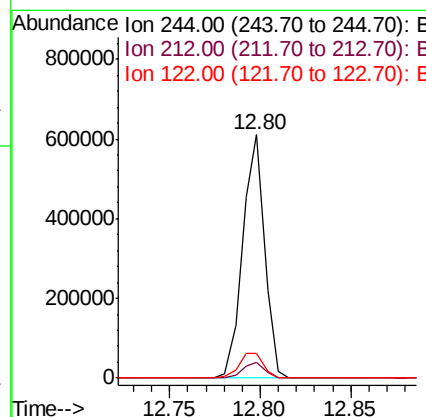
Manual Integrations
APPROVED

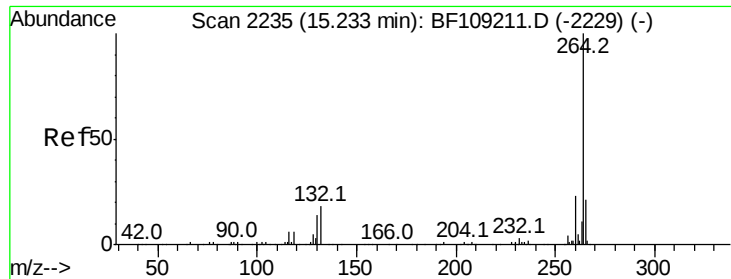
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9/26/2018 3:43:01 PM



#78
Terphenyl-d14
Concen: 47.123 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109306.D
Acq: 26 Sep 2018 00:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.4	11.0	16.4#





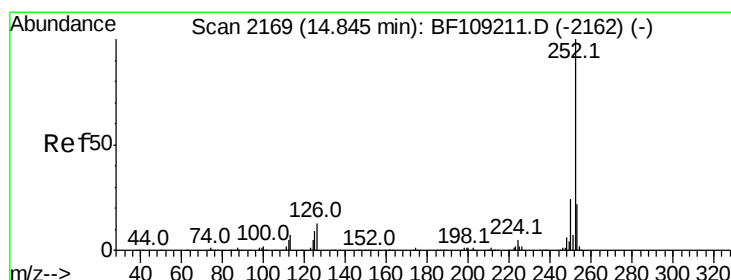
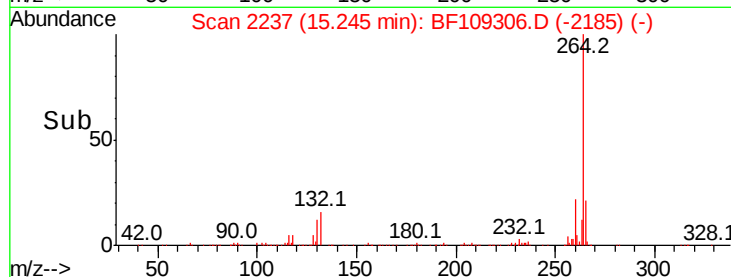
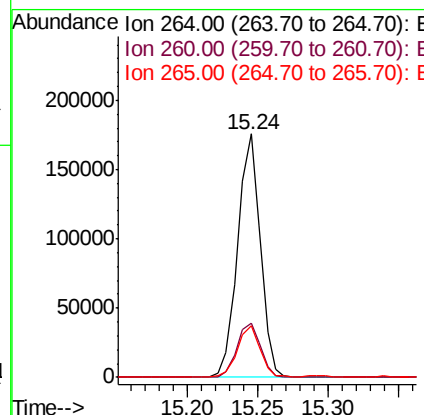
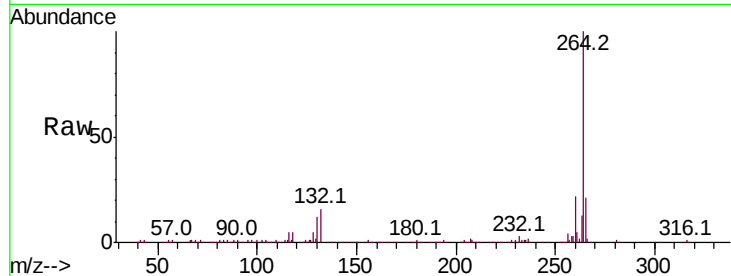
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109306.D
Acq: 26 Sep 2018 00:20

Instrument :
BNA_F
ClientSampleId :
GRID07-COMP-092018

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.2	28.8
265	21.2	17.5	26.3

Manual Integrations
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#87
Benzo(b)fluoranthene
Concen: 2.253 ng m
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF109306.D
Acq: 26 Sep 2018 00:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.0	25.6#
125	13.2	9.0	13.6

