

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
 Data File : BF109341.D
 Acq On : 26 Sep 2018 17:19
 Operator : JU/SJ
 Sample : J5070-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200031

Manual Integrations
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 9/27/2018 1:31:18 PM

Quant Time: Sep 27 09:10:46 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	105707	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	408384	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	197962	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	373574	20.00	ng	0.00
75) Chrysene-d12	13.84	240	270137	20.00	ng	0.00
86) Perylene-d12	15.24	264	294406	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	375241	58.47	ng	0.00
7) Phenol-d6	6.34	99	494341	60.36	ng	-0.02
23) Nitrobenzene-d5	7.26	82	311047	44.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	128476	65.83	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	589928	44.94	ng	-0.01
78) Terphenyl-d14	12.79	244	512275	46.54	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.46	163	206626	14.351	ng	99
74) Fluoranthene	12.42	202	52511	2.634	ng	97
77) Pyrene	12.64	202	43179	2.230	ng	98
87) Benzo(b)fluoranthene	14.84	252	36952m	2.284	ng	

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

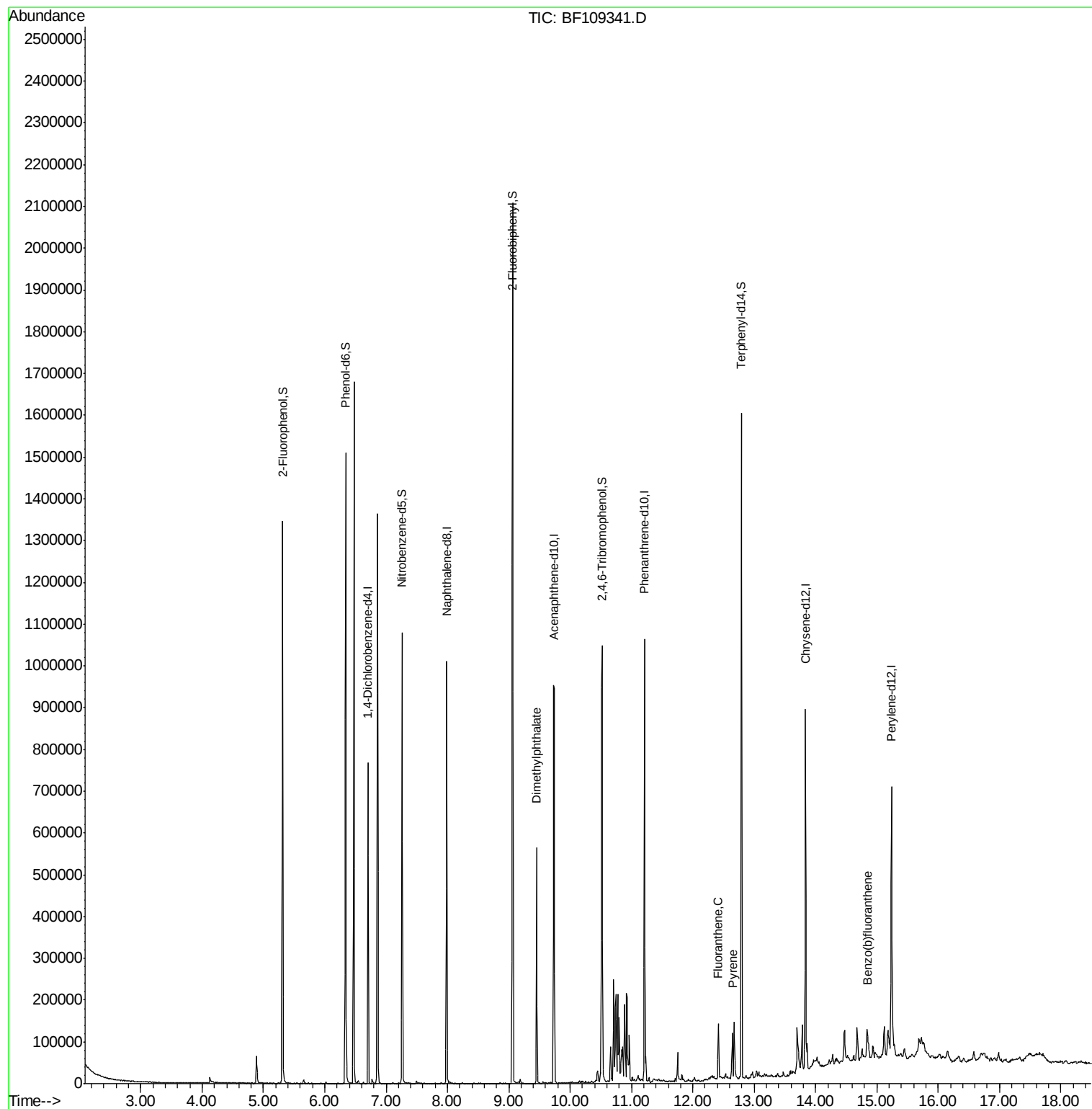
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
Data File : BF109341.D
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Operator : JU/SJ
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Misc :
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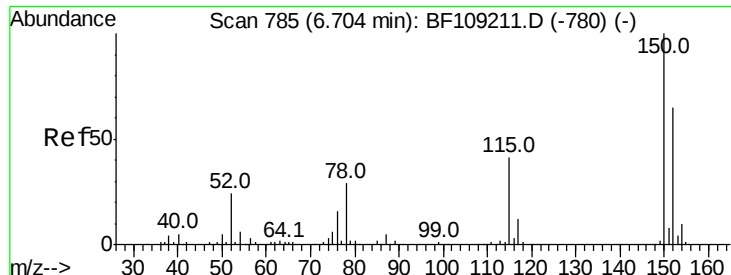
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
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#1

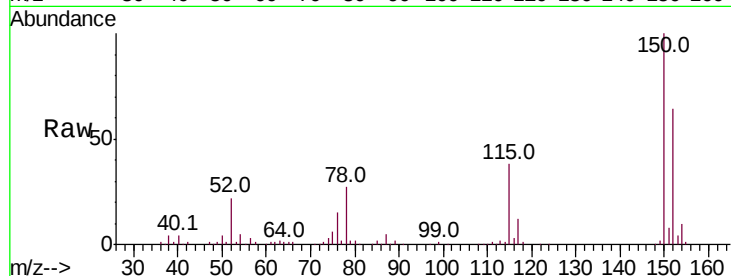
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109341.D
Acq: 26 Sep 2018 17:19

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200031

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	60.1	50.1	75.1

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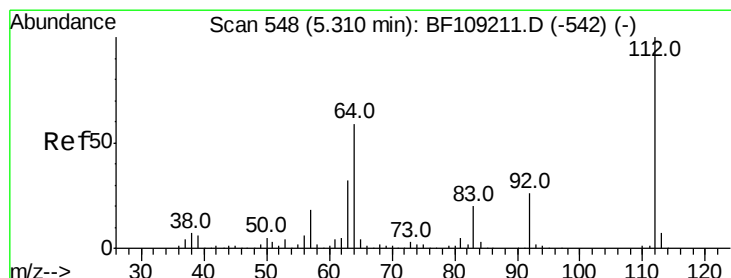
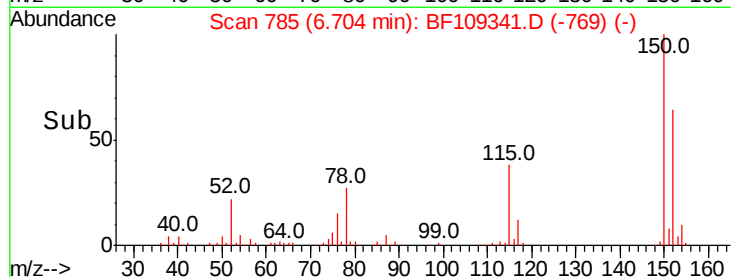
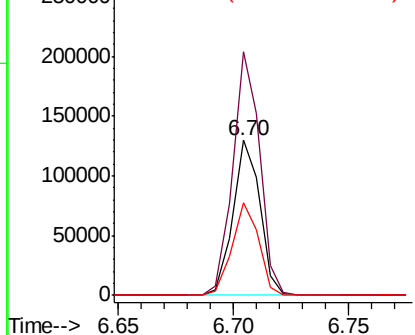


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

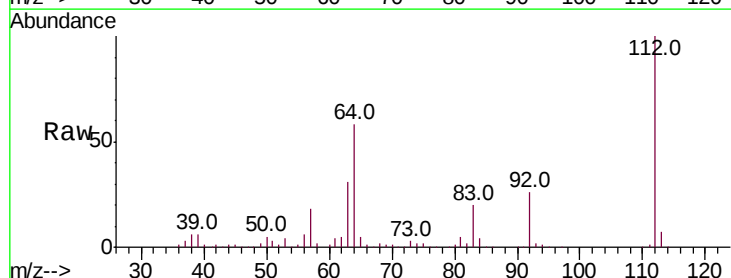
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 58.468 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109341.D
Acq: 26 Sep 2018 17:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.9	71.9
63	31.0	23.7	35.5

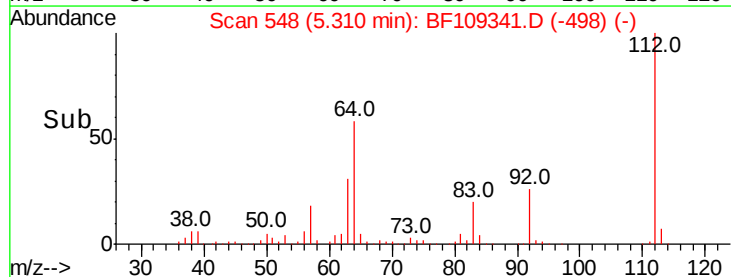
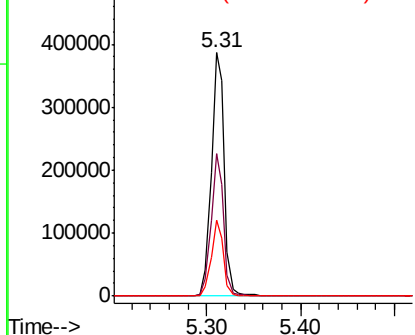


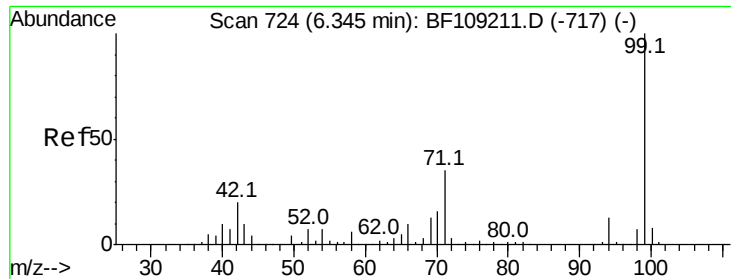
Abundance

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: 60.363 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109341.D

Acq: 26 Sep 2018 17:19

Instrument :

BNA_F

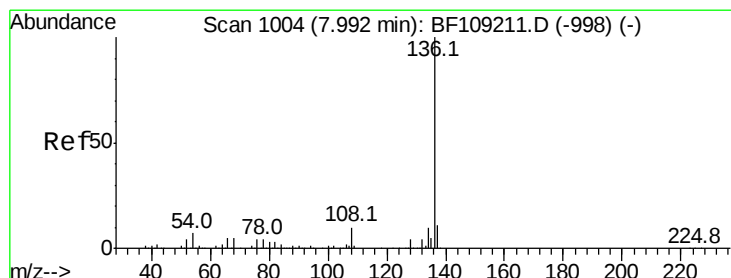
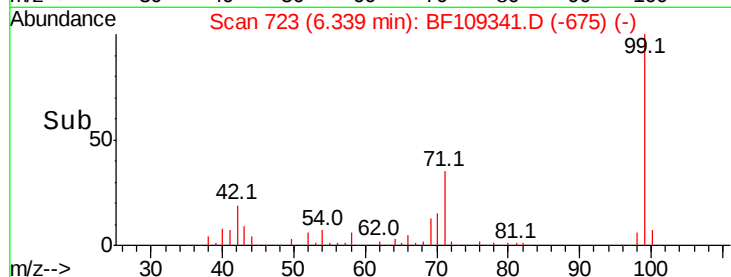
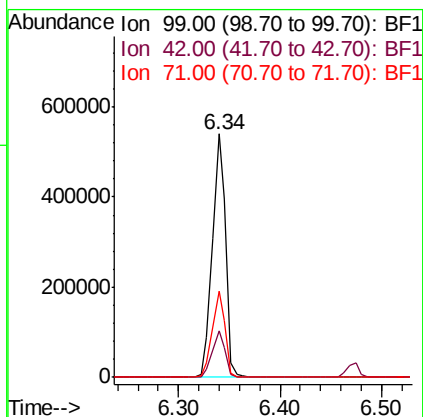
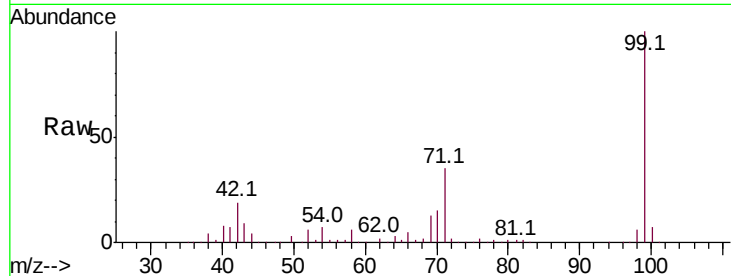
ClientSampled :

CS-RBR-200031

Tot Ion:	99	Resp:	494341
Ion Ratio	Lower	Upper	
99	100		
42	19.1	14.5	21.7
71	35.4	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

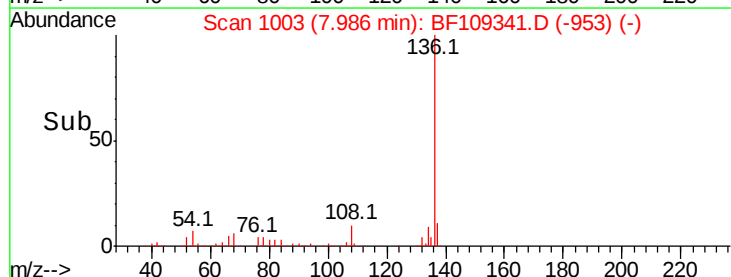
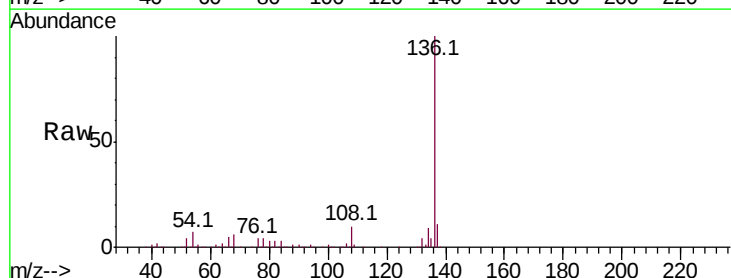
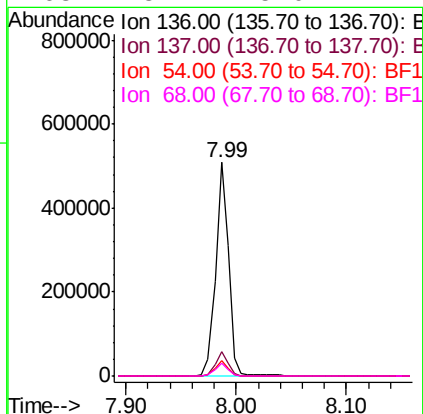
RT: 7.99 min Scan# 1003

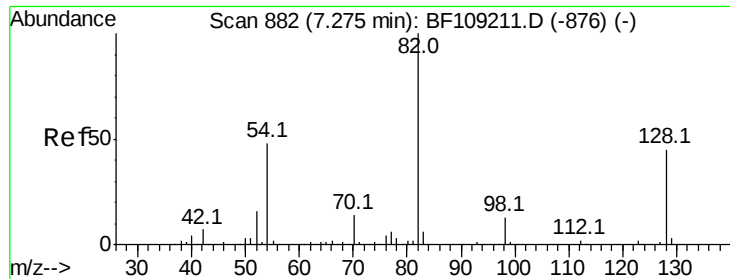
Delta R.T. -0.01 min

Lab File: BF109341.D

Acq: 26 Sep 2018 17:19

Tgt Ion:	136	Resp:	408384
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	7.1	6.6	9.8
68	5.7	5.0	7.4





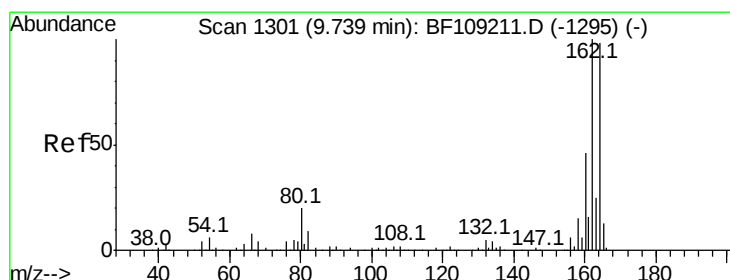
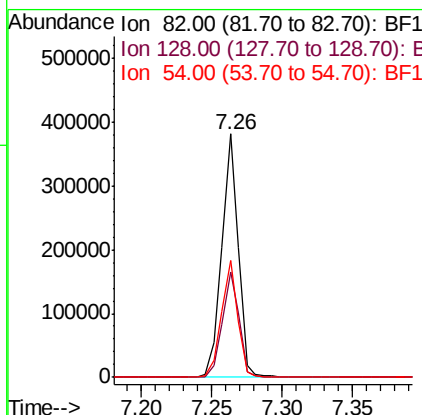
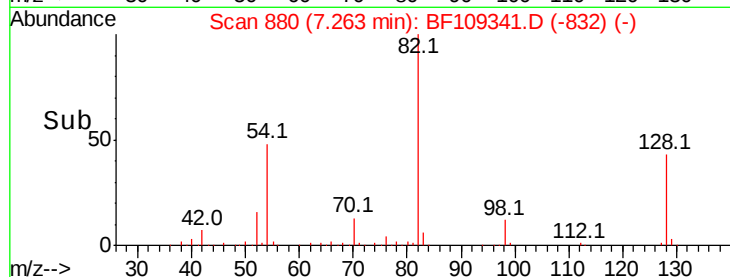
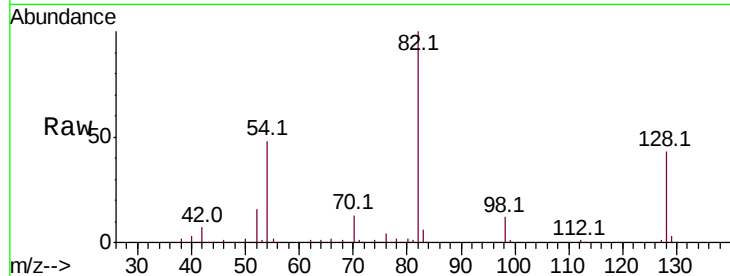
#23
Nitrobenzene-d5
Concen: 44.962 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109341.D
Acq: 26 Sep 2018 17:19

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200031

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.3	36.1	54.1
54	47.8	41.4	62.2

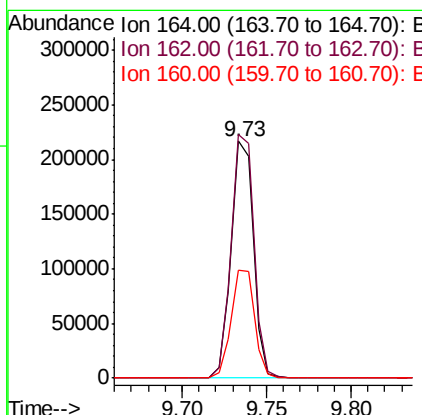
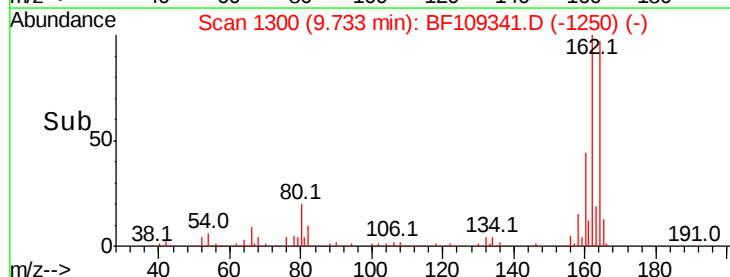
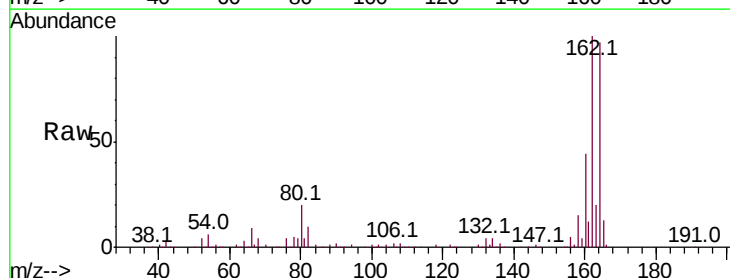
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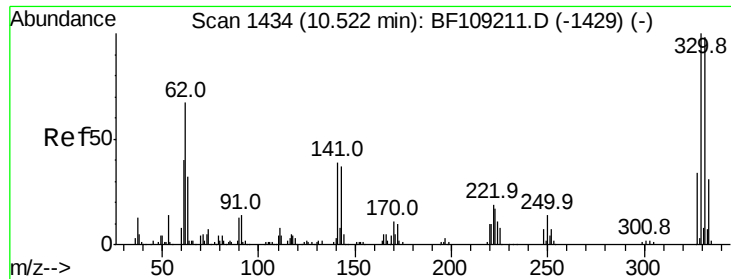
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109341.D
Acq: 26 Sep 2018 17:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	45.5	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 65.835 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF109341.D

Acq: 26 Sep 2018 17:19

Instrument :

BNA_F

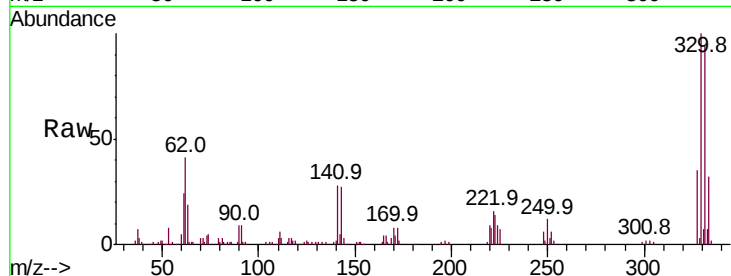
ClientSampleId :

CS-RBR-200031

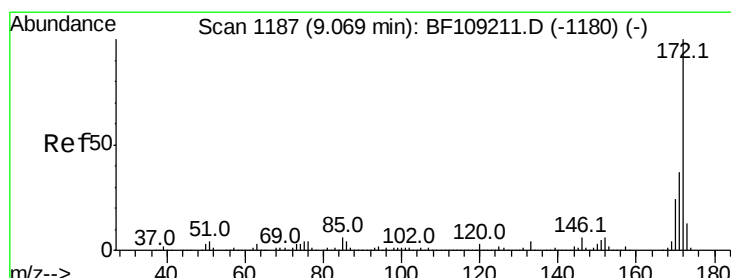
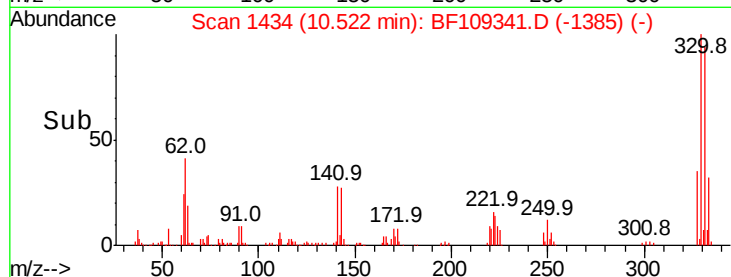
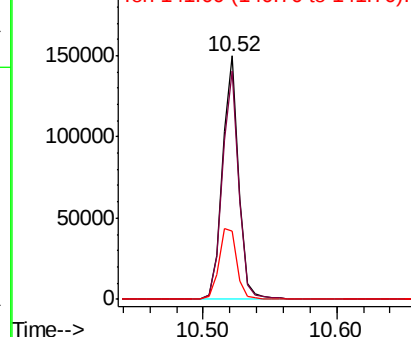
Tot Ion:	330	Resp:	128476
Ion Ratio	Lower	Upper	
330	100		
332	94.8	77.0	115.6
141	32.7	29.9	44.9

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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: 44.944 ng

RT: 9.06 min Scan# 1186

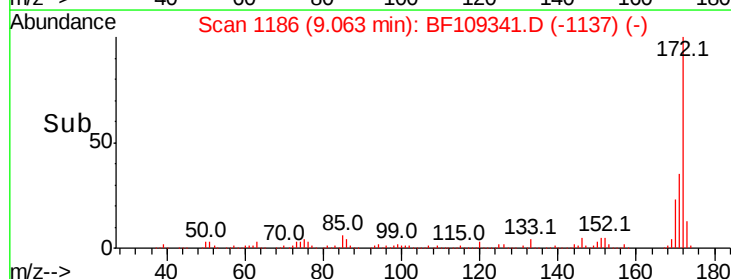
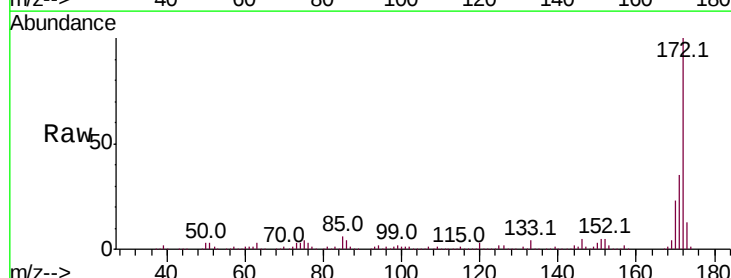
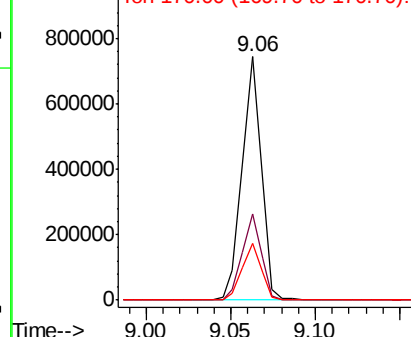
Delta R.T. -0.01 min

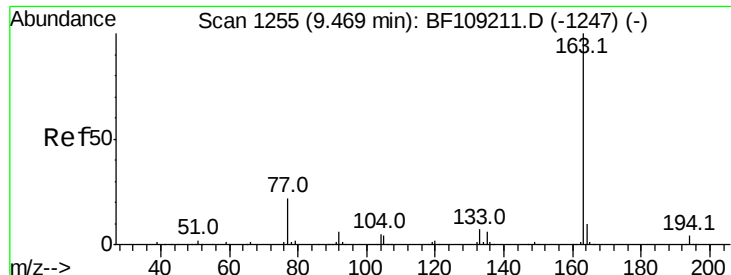
Lab File: BF109341.D

Acq: 26 Sep 2018 17:19

Tgt Ion:	172	Resp:	589928
Ion Ratio	Lower	Upper	
172	100		
171	35.3	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





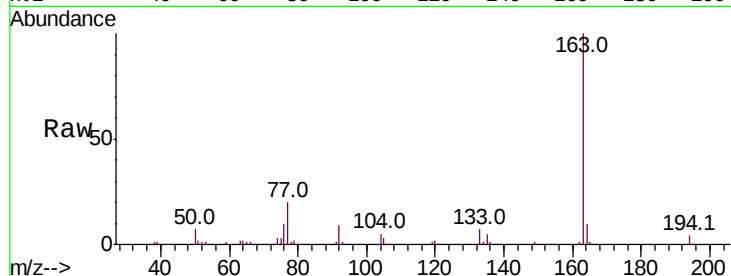
#49
Dimethylphthalate
Concen: 14.351 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109341.D
Acq: 26 Sep 2018 17:19

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200031

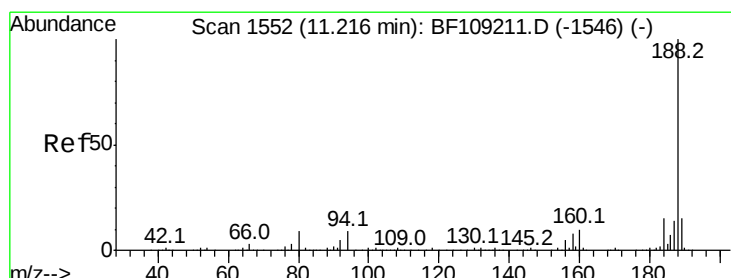
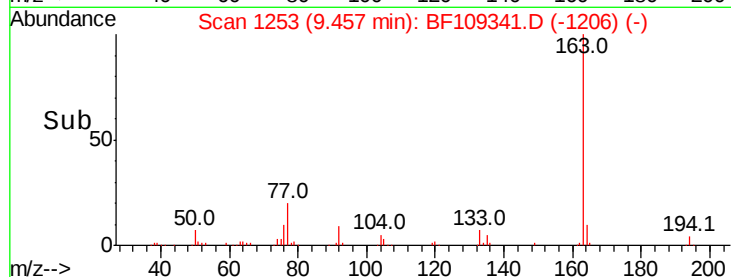
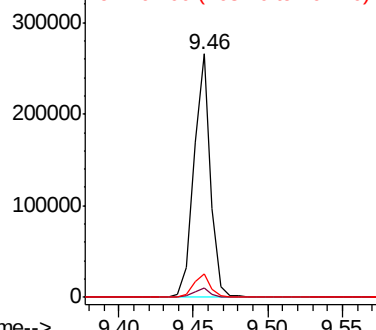
Tot Ion	Ratio	Resp	Lower	Upper
163	100	206626		
194	3.8		2.7	4.1
164	9.9		8.2	12.2

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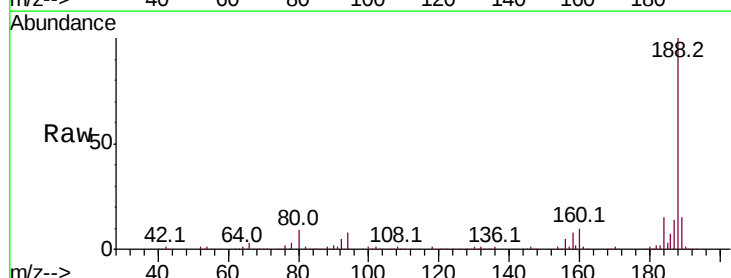


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

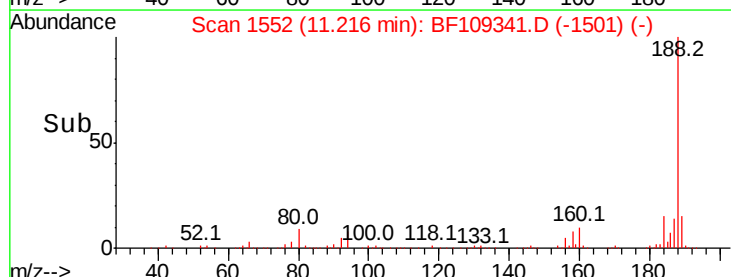
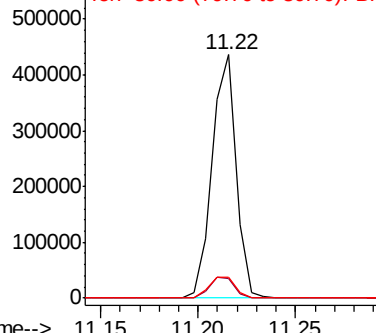


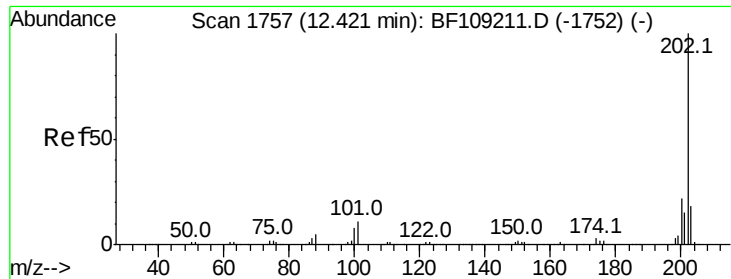
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109341.D
Acq: 26 Sep 2018 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	373574		
94	8.2		8.5	12.7#
80	8.6		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





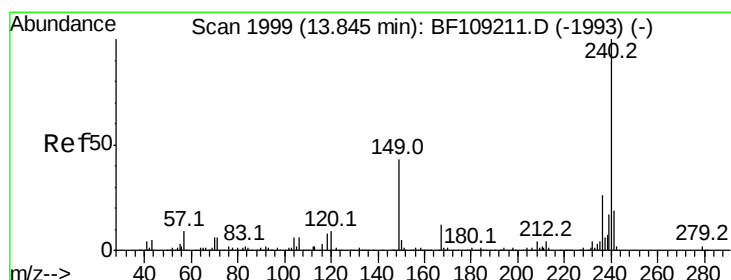
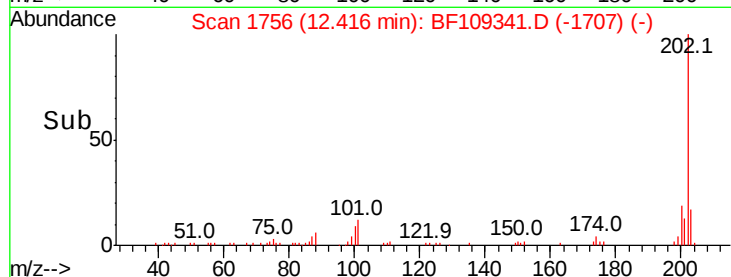
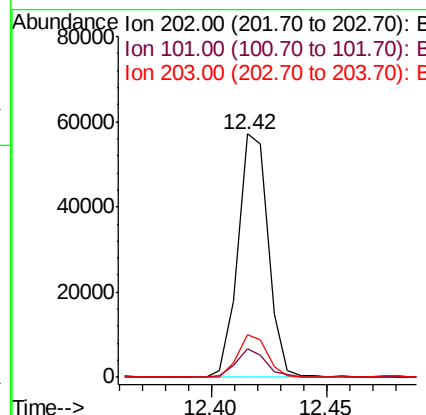
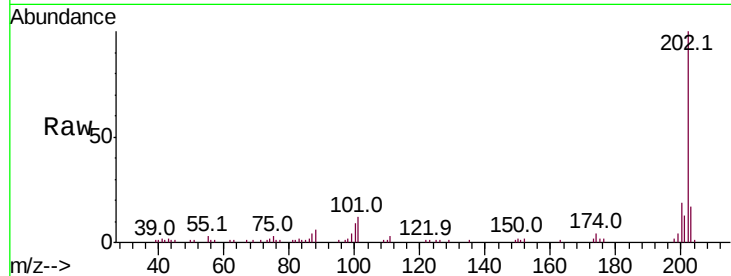
#74
Fluoranthene
Concen: 2.634 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF109341.D
Acq: 26 Sep 2018 17:19

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200031

Tot Ion	Ratio	Resp	Lower	Upper
202	100	52511		
101	11.6	0.0	34.1	
203	17.5	0.0	38.1	

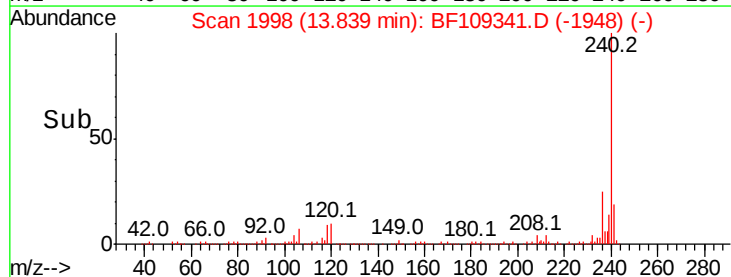
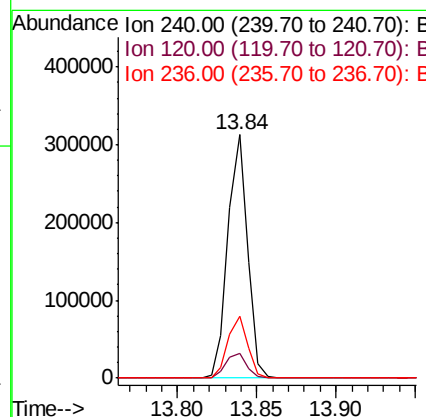
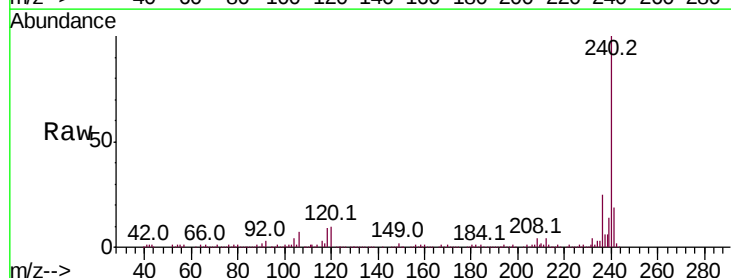
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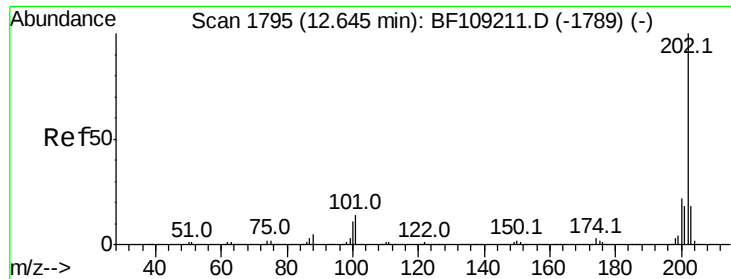
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109341.D
Acq: 26 Sep 2018 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	270137		
120	10.0	9.5	14.3	
236	25.5	20.7	31.1	





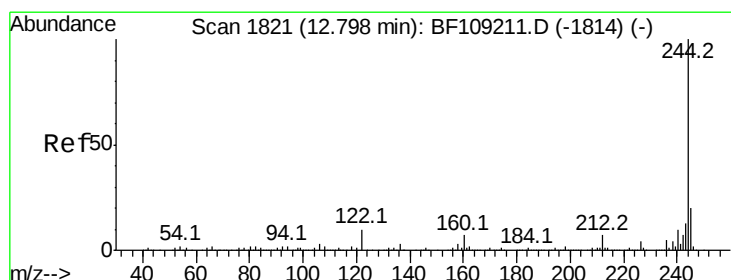
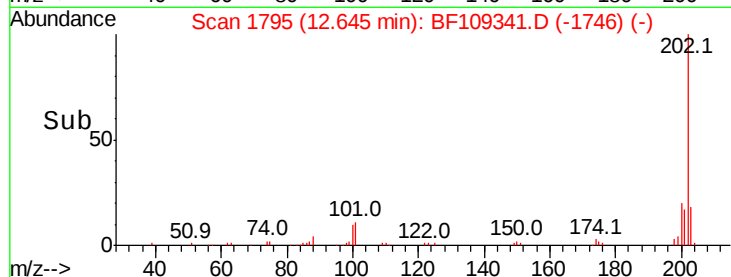
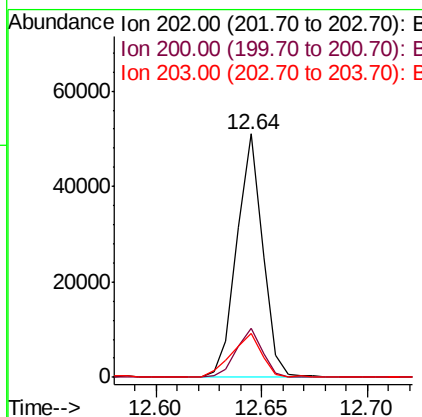
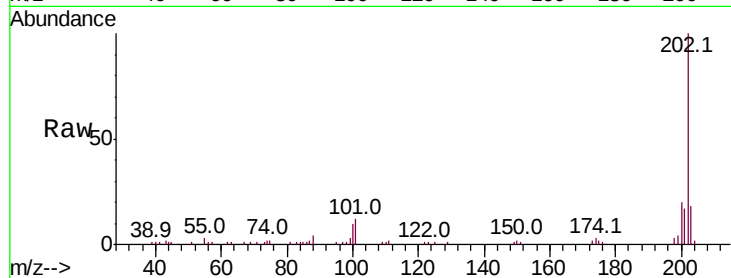
#77
Pvrene
Concen: 2.230 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF109341.D
Acq: 26 Sep 2018 17:19

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200031

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.4	26.2
203	18.3	14.3	21.5

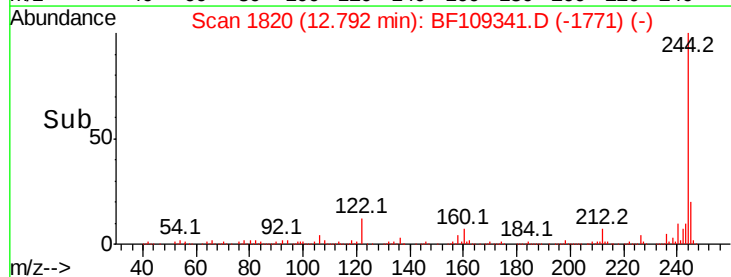
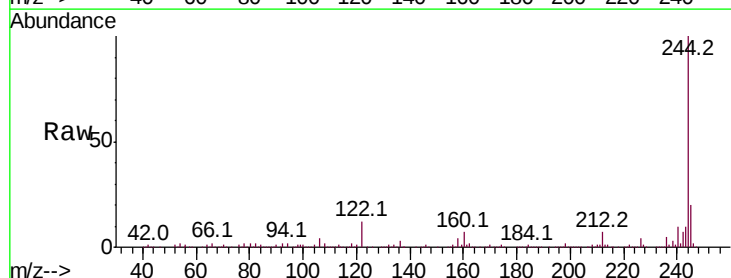
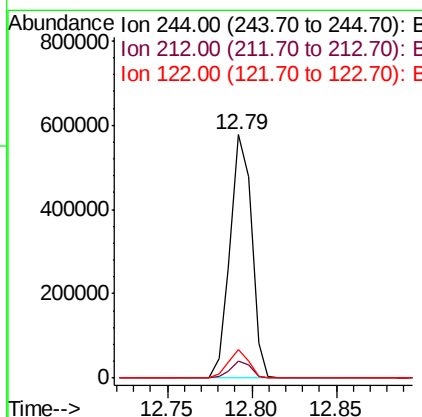
Manual Integrations
APPROVED

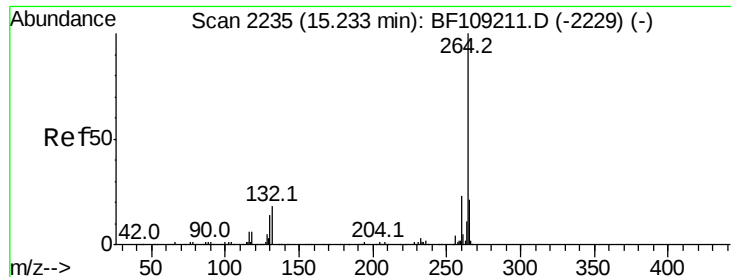
Sohil
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#78
Terphenyl-d14
Concen: 46.540 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF109341.D
Acq: 26 Sep 2018 17:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.8	11.0	16.4





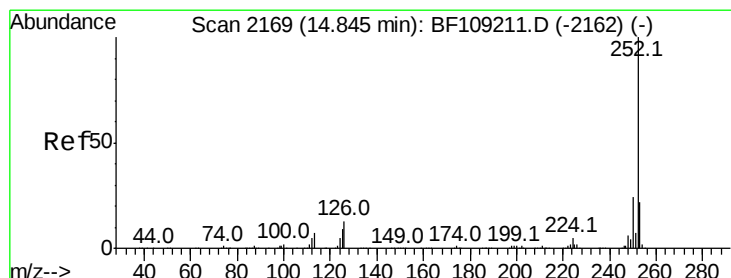
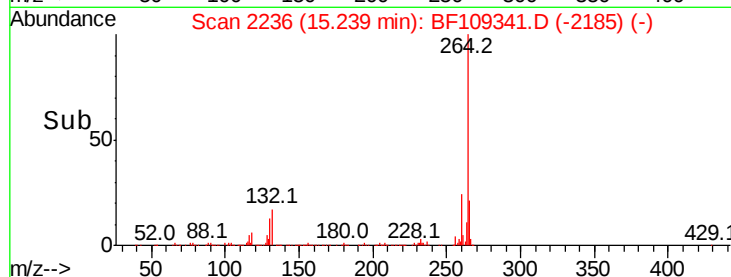
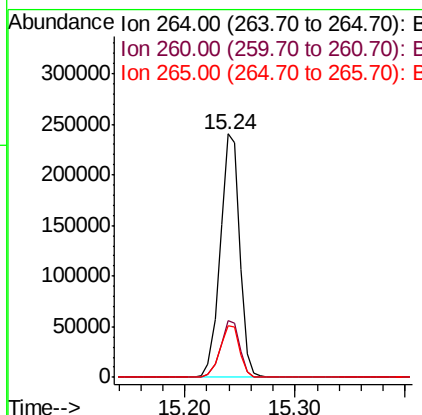
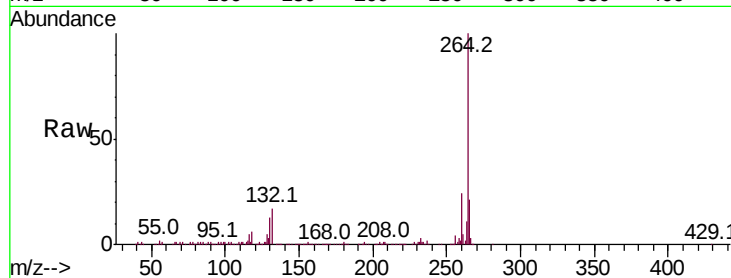
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109341.D
Acq: 26 Sep 2018 17:19

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200031

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.2	17.5	26.3

Manual Integrations
APPROVED

Sohil
9/27/2018 1:31:18 PM



#87
Benzo(b)fluoranthene
Concen: 2.284 ng m
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF109341.D
Acq: 26 Sep 2018 17:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	11.9	9.0	13.6

