

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
 Data File : BF113225.D
 Acq On : 22 Mar 2019 00:02
 Operator : JU/SJ
 Sample : K1994-01DL 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 30200-05DL

Manual Integrations
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Quant Time: Mar 22 09:46:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	179199	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	360823	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	248440	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	428324	20.00	ng	0.01
76) Chrysene-d12	13.87	240	485906	20.00	ng	0.00
87) Perylene-d12	15.28	264	408470	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	108307	9.40	ng	-0.01
7) Phenol-d6	6.36	99	151478	10.47	ng	-0.01
23) Nitrobenzene-d5	7.29	82	172931	28.68	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	21175	8.03	ng	0.01
45) 2-Fluorobiphenyl	9.09	172	156477	7.13	ng	0.00
79) Terphenyl-d14	12.82	244	144890	5.78	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.74	142	493048	42.619	ng	99
38) 1-Methylnaphthalene	8.83	142	288673	25.760	ng	# 97
46) 1,1'-Biphenyl	9.19	154	109984	5.428	ng	96
58) Fluorene	10.32	166	47431m	2.927	ng	
71) Phenanthrene	11.28	178	76665	3.597	ng	# 76
78) Pyrene	12.68	202	89207	2.178	ng	97

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

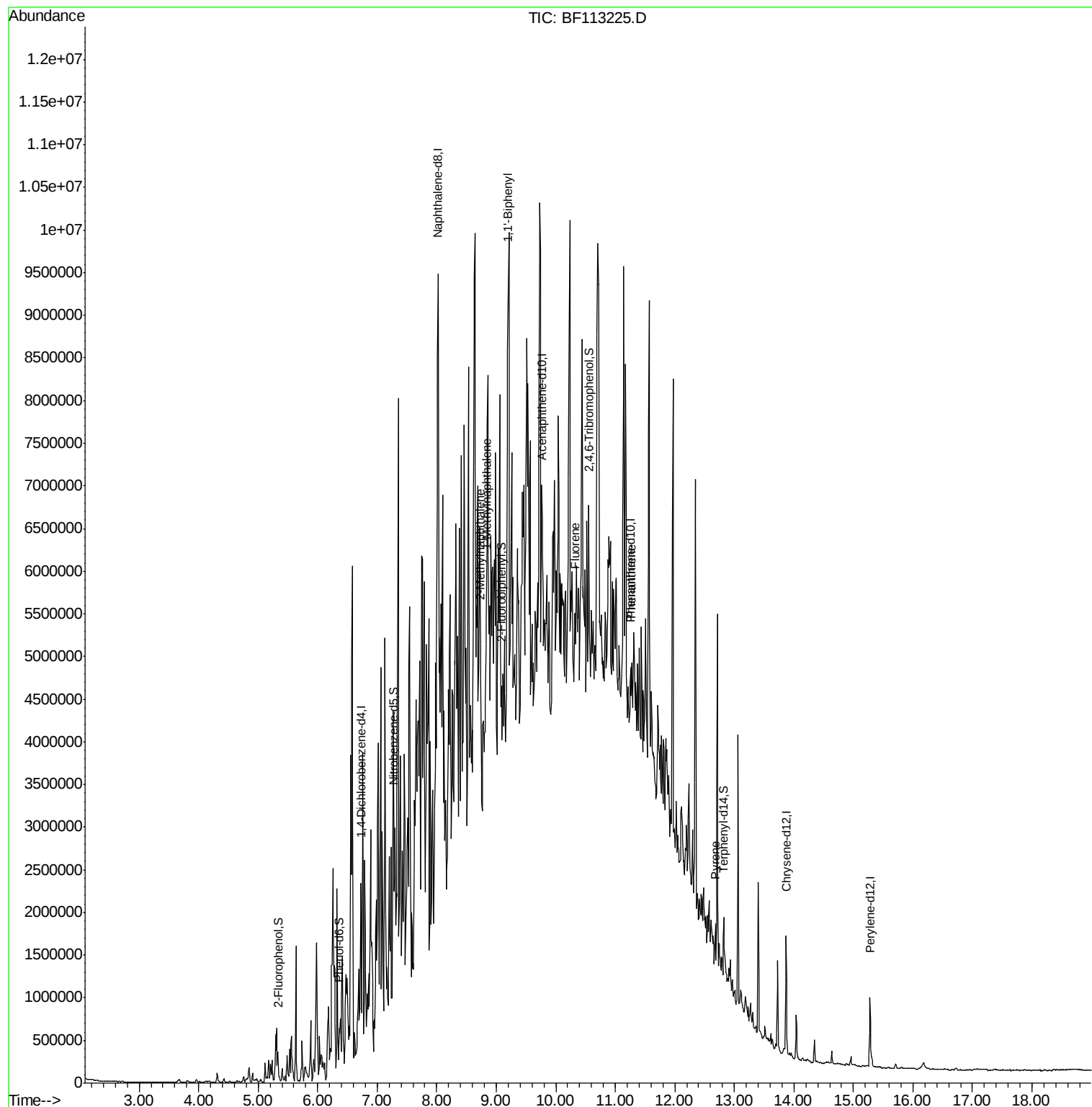
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113225.D
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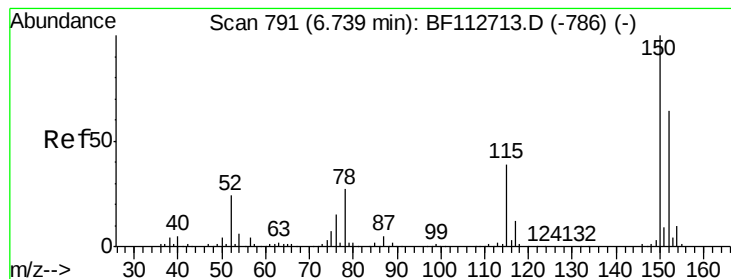
Instrument :
BNA_F
ClientSampleID :
30200-05DL

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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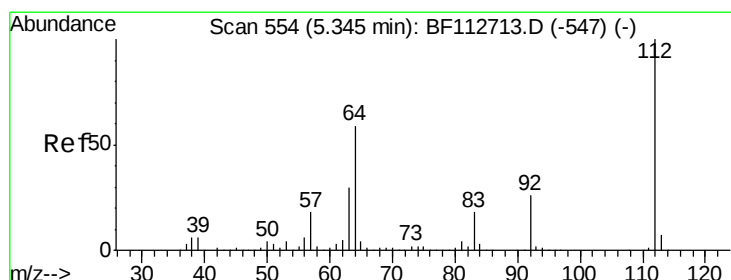
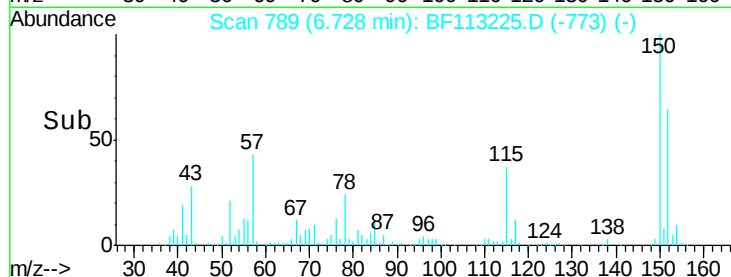
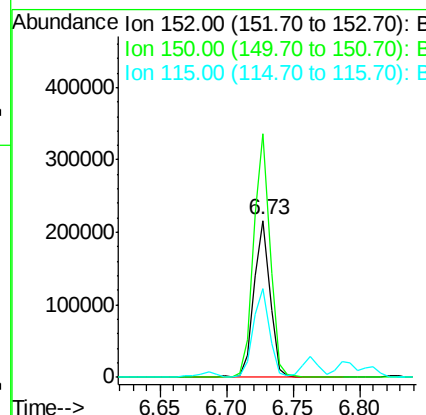
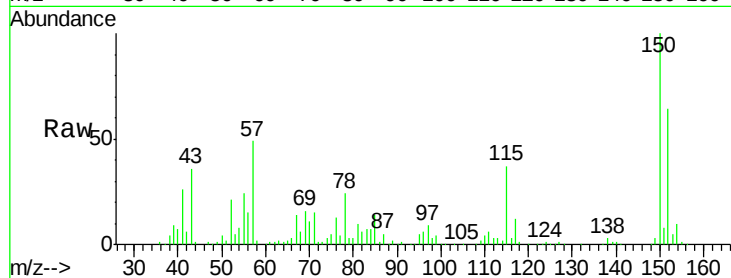
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF113225.D
 Acq: 22 Mar 2019 00:02

Instrument :
 BNA_F
 ClientSampled :
 30200-05DL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.2	186.2
115	57.1	48.2	72.4

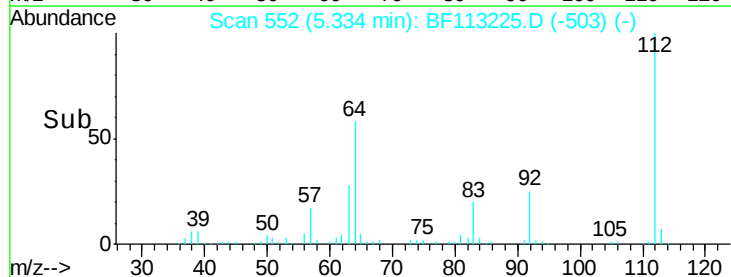
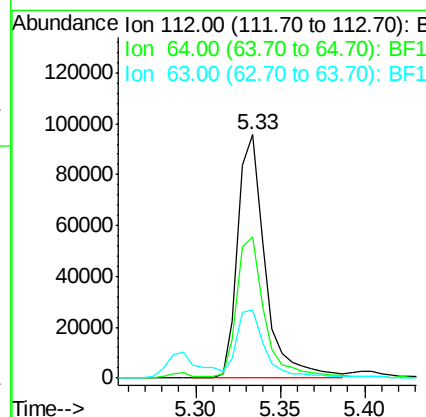
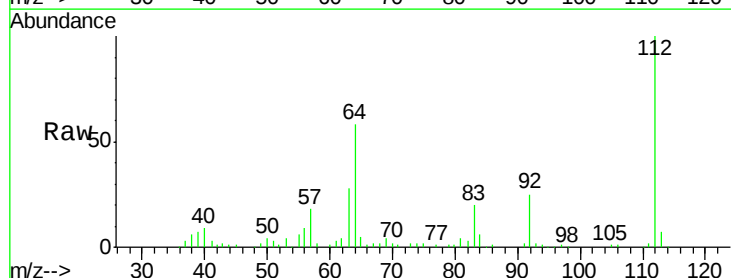
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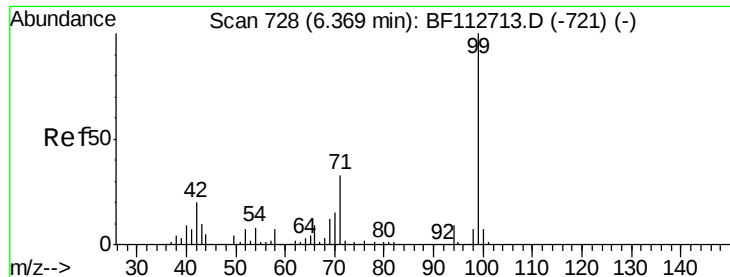
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#5
 2-Fluorophenol
 Concen: 9.402 ng
 RT: 5.33 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: BF113225.D
 Acq: 22 Mar 2019 00:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	47.6	71.4
63	28.2	24.4	36.6





#7

Phenol-d6

Concen: 10.468 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113225.D

Acq: 22 Mar 2019 00:02

Instrument :

BNA_F

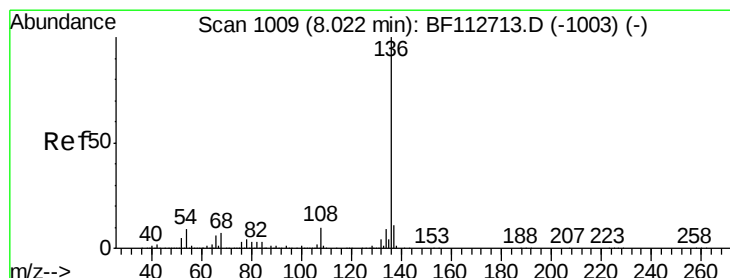
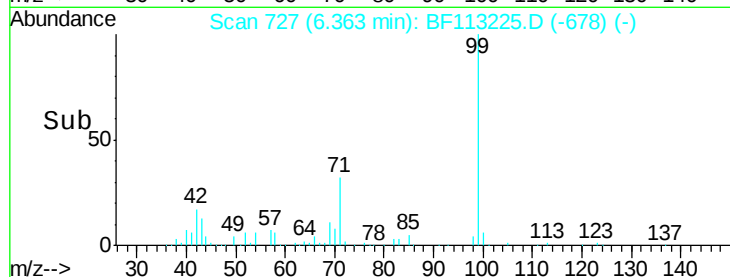
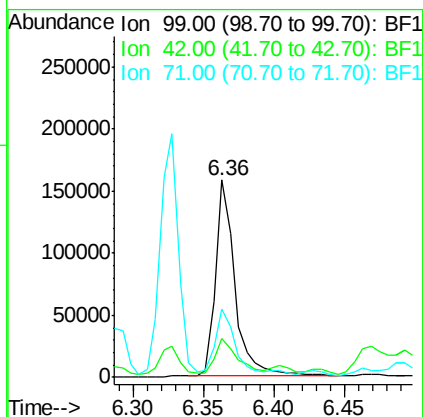
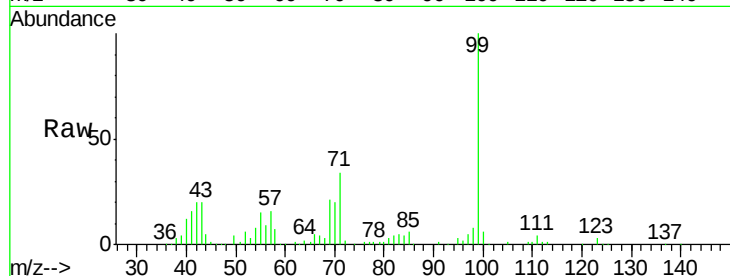
ClientSampled :

30200-05DL

Tgt Ion:	99	Resp:	151478
Ion Ratio	Lower	Upper	
99	100		
42	19.8	16.3	24.5
71	34.4	26.2	39.4

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#21

Naphthalene-d8

Concen: 20.000 ng

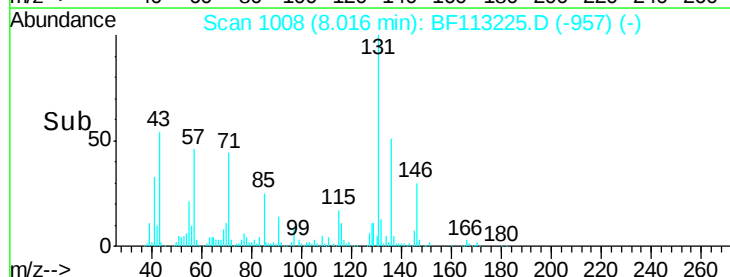
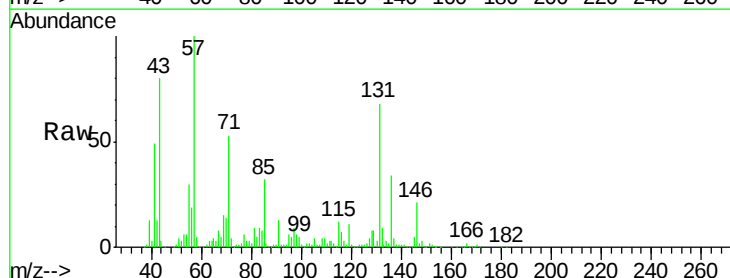
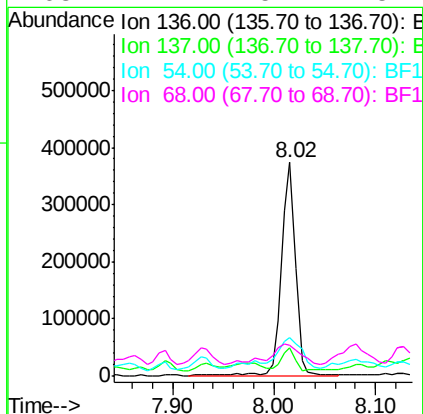
RT: 8.02 min Scan# 1008

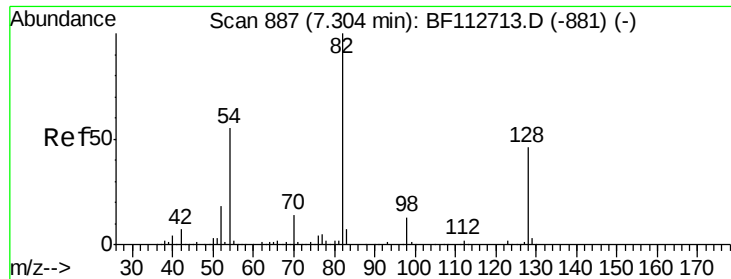
Delta R.T. -0.00 min

Lab File: BF113225.D

Acq: 22 Mar 2019 00:02

Tgt Ion:	136	Resp:	360823
Ion Ratio	Lower	Upper	
136	100		
137	13.2	8.9	13.3
54	17.9	7.3	10.9#
68	14.4	5.4	8.2#





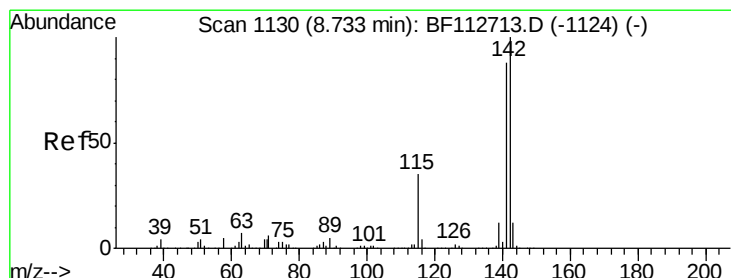
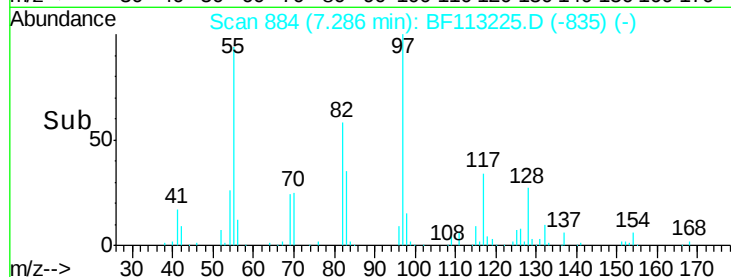
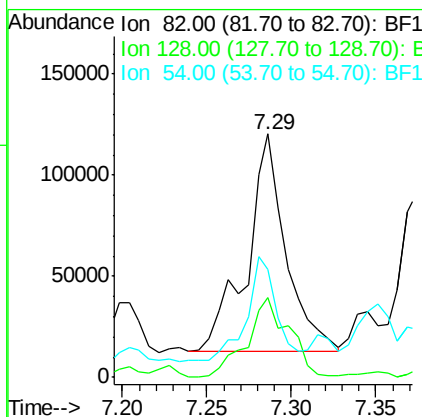
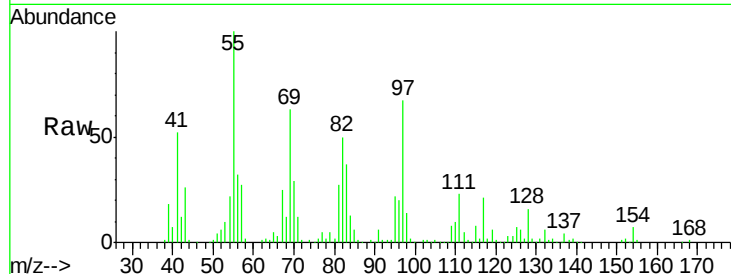
#23
 Nitrobenzene-d5
 Concen: 28.678 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113225.D
 Acq: 22 Mar 2019 00:02

Instrument :
 BNA_F
 ClientSampleId :
 30200-05DL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.8	36.3	54.5#
54	44.5	43.7	65.5

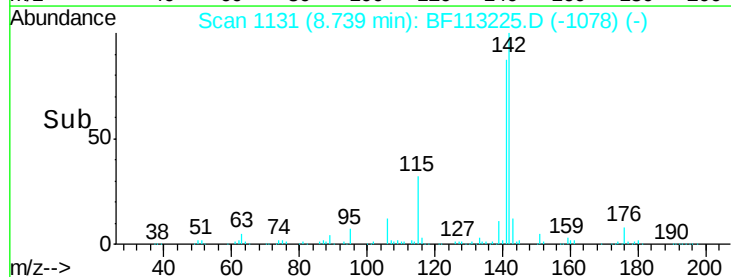
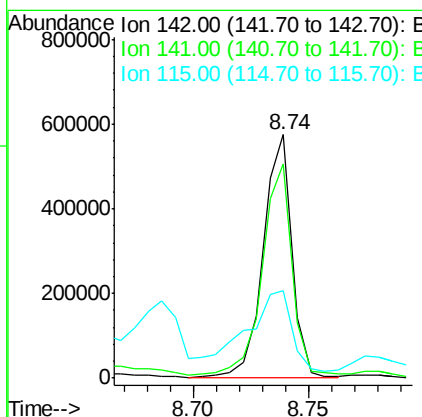
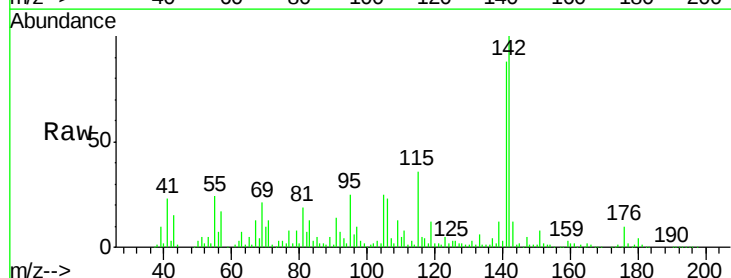
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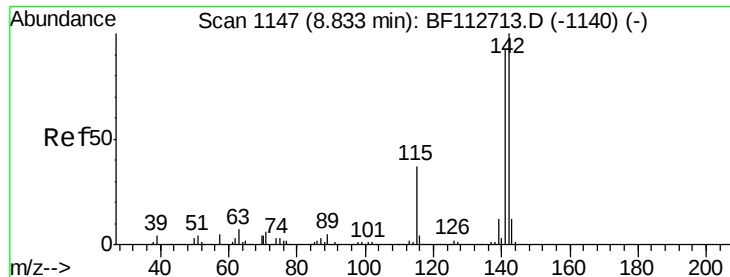
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#37
 2-Methylnaphthalene
 Concen: 42.619 ng
 RT: 8.74 min Scan# 1131
 Delta R.T. 0.01 min
 Lab File: BF113225.D
 Acq: 22 Mar 2019 00:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.3	105.5
115	36.0	27.8	41.6





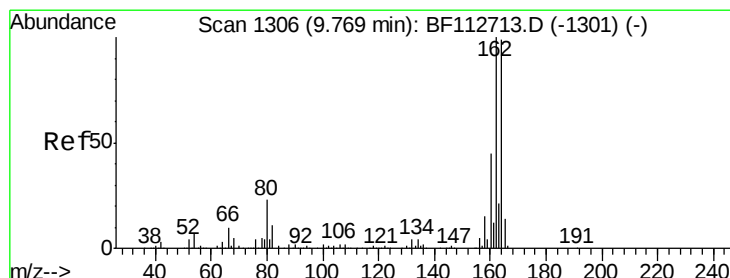
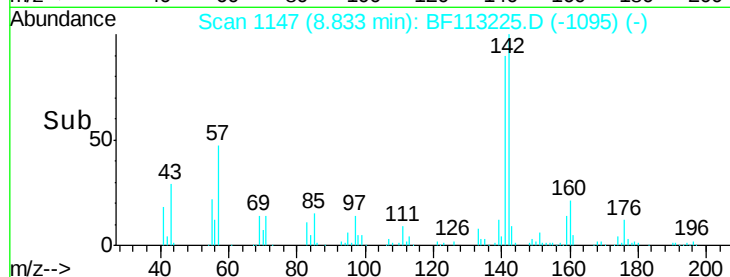
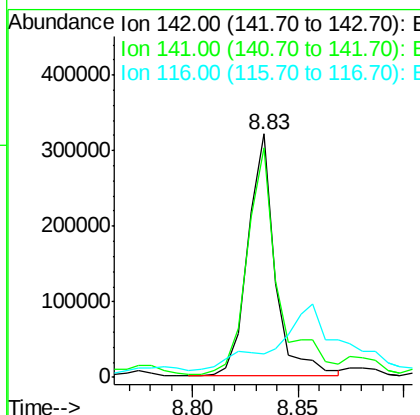
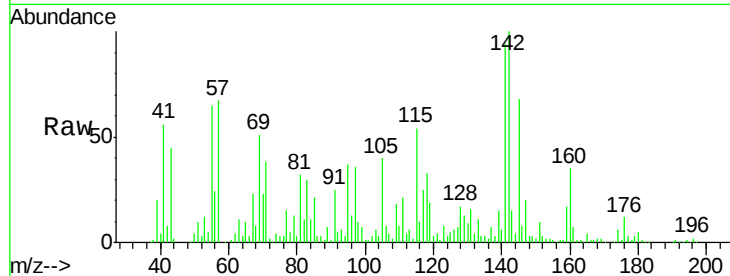
#38
1-Methylnaphthalene
Concen: 25.760 ng
RT: 8.83 min Scan# 1147
Delta R.T. 0.01 min
Lab File: BF113225.D
Acq: 22 Mar 2019 00:02

Instrument :
BNA_F
ClientSampleId :
30200-05DL

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	288673		
141	94.5	73.7	110.5	
116	9.6	3.1	4.7#	

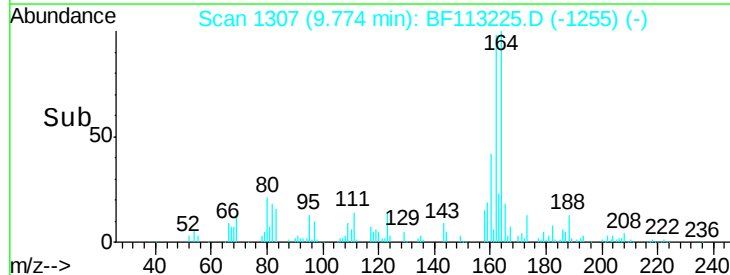
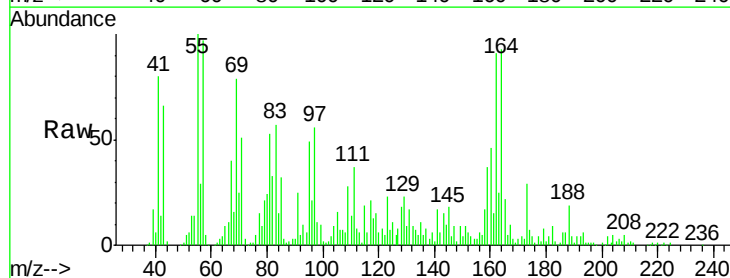
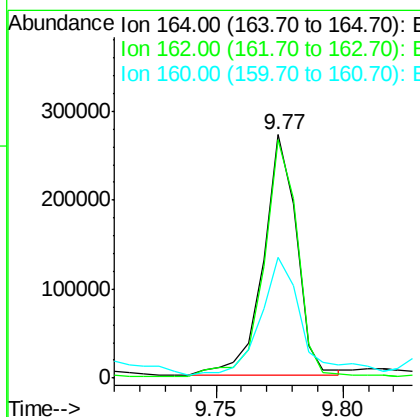
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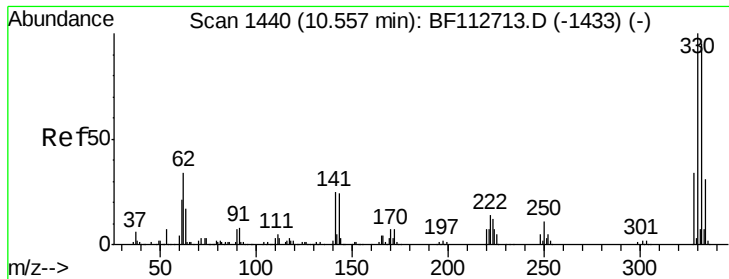
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF113225.D
Acq: 22 Mar 2019 00:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	248440		
162	97.9	80.6	120.8	
160	49.5	36.0	54.0	





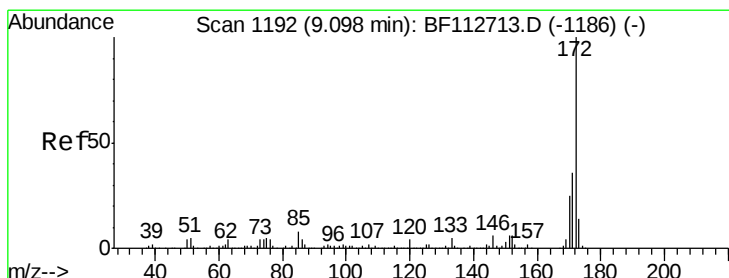
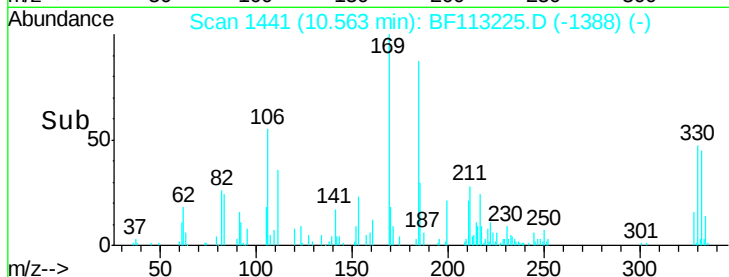
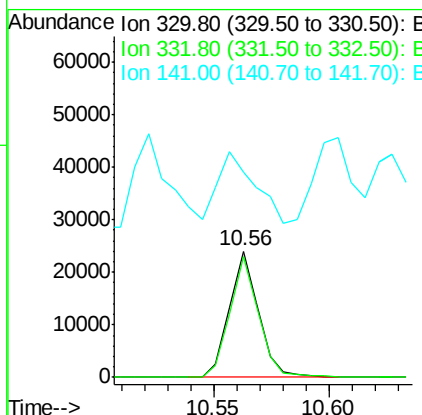
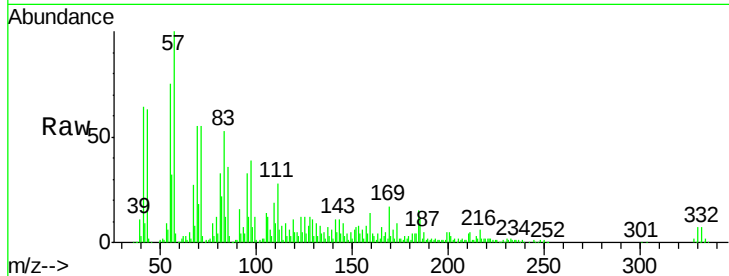
#42
 2,4,6-Tribromophenol
 Concen: 8.028 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF113225.D
 Acq: 22 Mar 2019 00:02

Instrument :
 BNA_F
 ClientSampled :
 30200-05DL

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	21175		
332	94.8	76.2	114.4	
141	70.9	27.0	40.6	

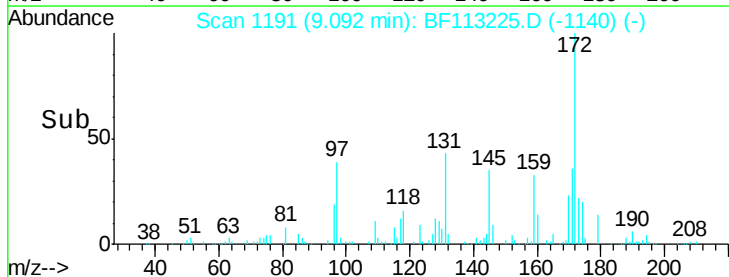
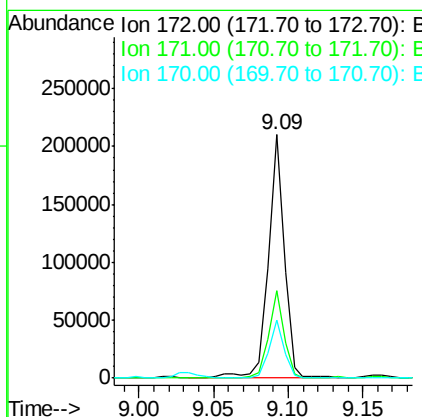
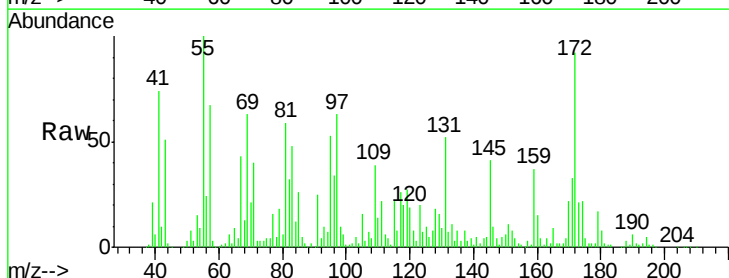
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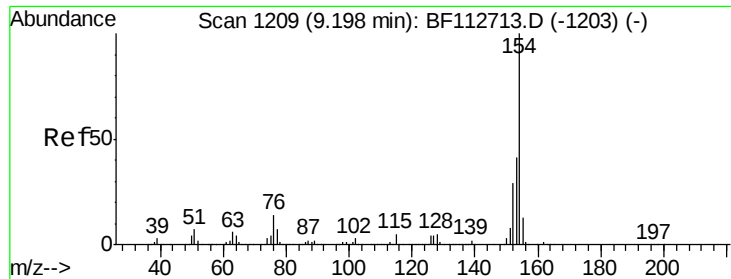
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#45
 2-Fluorobiphenyl
 Concen: 7.132 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF113225.D
 Acq: 22 Mar 2019 00:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	156477		
171	35.9	29.0	43.4	
170	23.7	20.0	30.0	





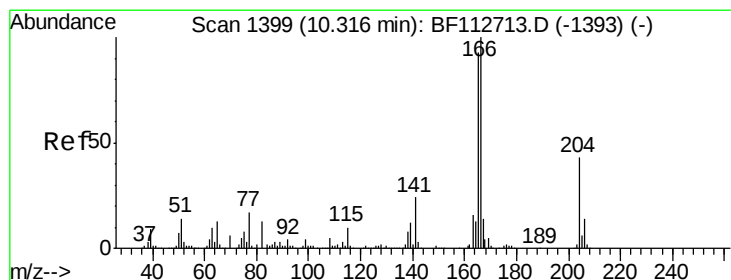
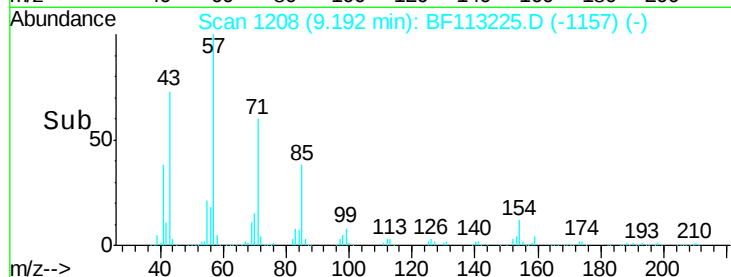
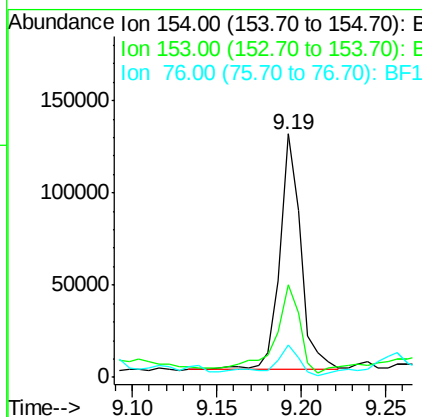
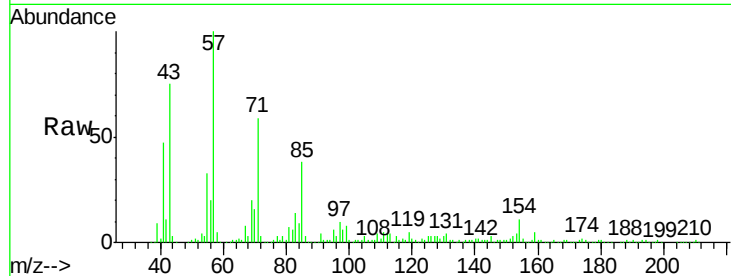
#46
 1,1'-Biphenyl
 Concen: 5.428 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF113225.D
 Acq: 22 Mar 2019 00:02

Instrument :
 BNA_F
 ClientSampleId :
 30200-05DL

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	109984		
153	38.0	20.8	60.8	
76	13.2	0.0	33.8	

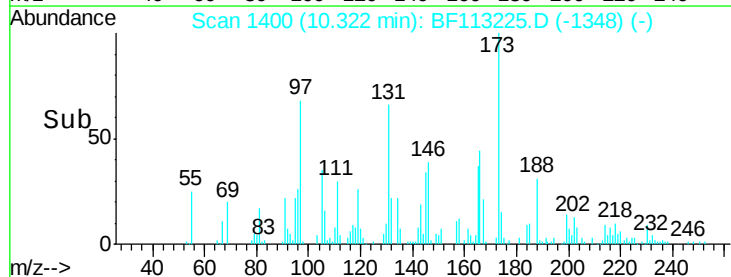
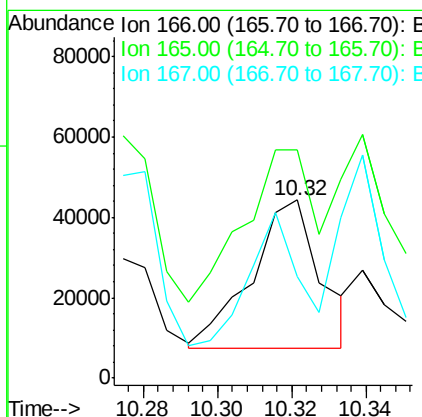
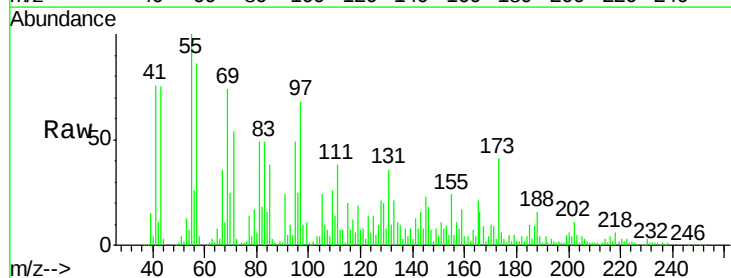
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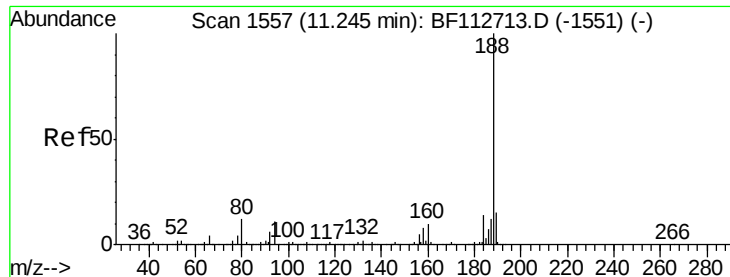
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#58
 Fluorene
 Concen: 2.927 ng m
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.01 min
 Lab File: BF113225.D
 Acq: 22 Mar 2019 00:02

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	47431		
165	128.1	74.7	112.1#	
167	57.2	11.0	16.6#	





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1559

Delta R.T. 0.01 min

Lab File: BF113225.D

Acq: 22 Mar 2019 00:02

Instrument :

BNA_F

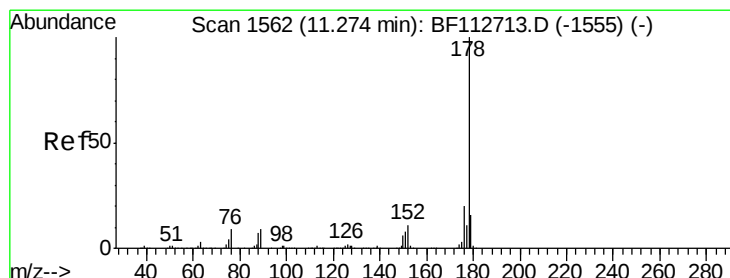
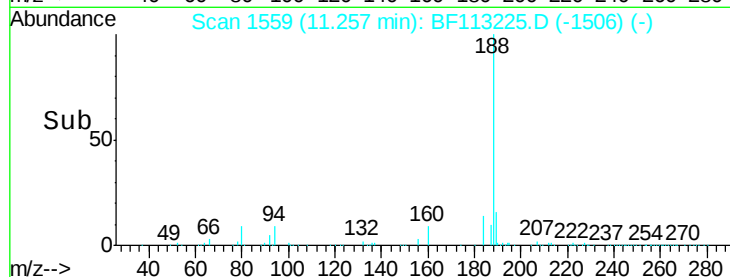
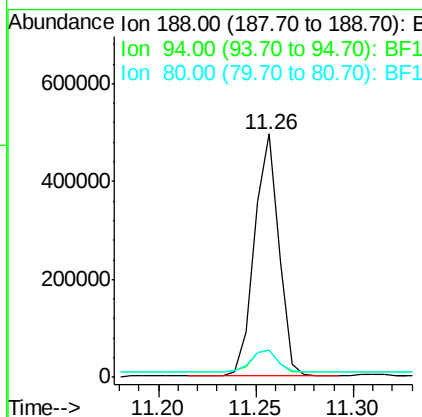
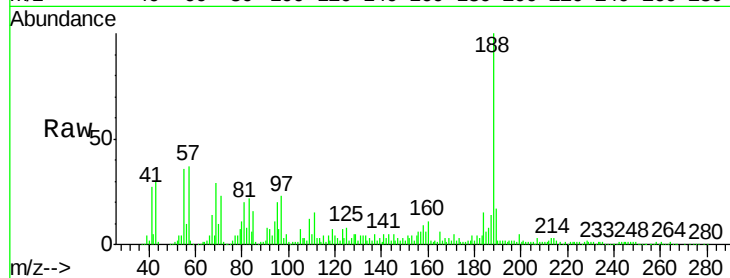
ClientSampleId :

30200-05DL

Tgt Ion:	188	Resp:	428324
Ion Ratio	Lower	Upper	
188	100		
94	11.0	9.0	13.4
80	11.1	9.2	13.8

Manual Integrations
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#71

Phenanthrene

Concen: 3.597 ng

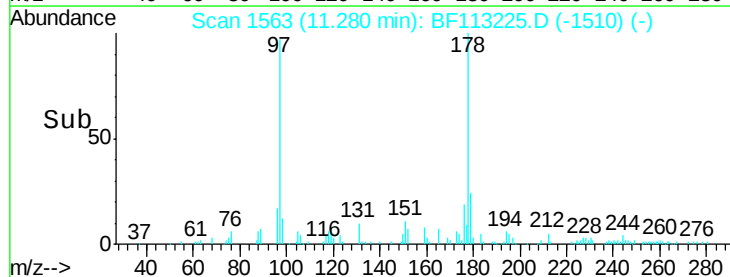
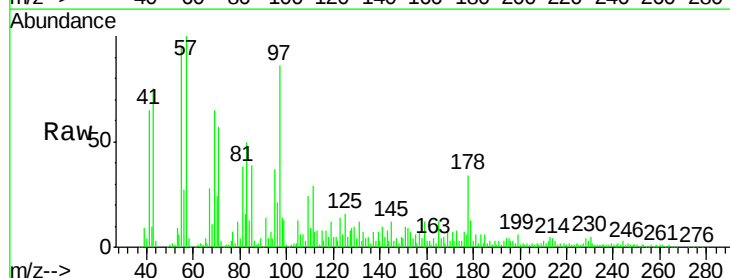
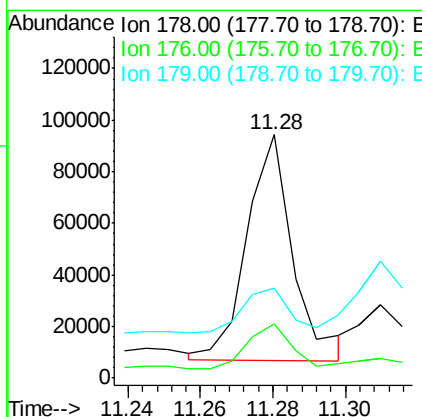
RT: 11.28 min Scan# 1563

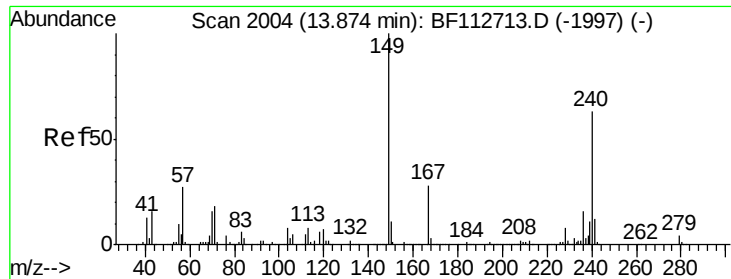
Delta R.T. 0.01 min

Lab File: BF113225.D

Acq: 22 Mar 2019 00:02

Tgt Ion:	178	Resp:	76665
Ion Ratio	Lower	Upper	
178	100		
176	22.0	16.3	24.5
179	37.1	12.7	19.1#





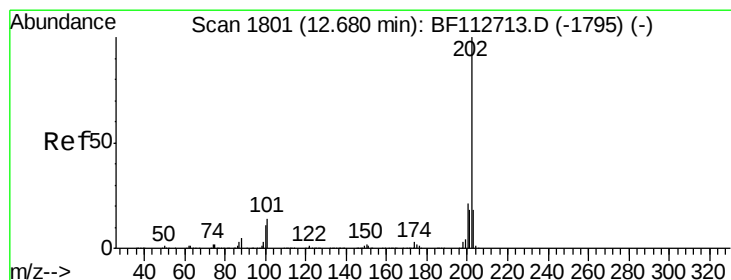
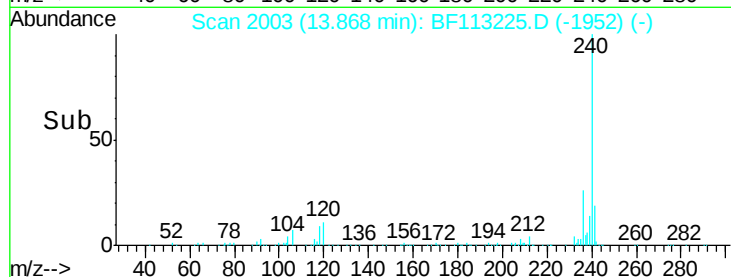
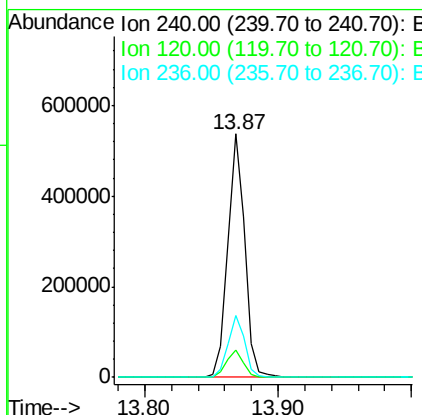
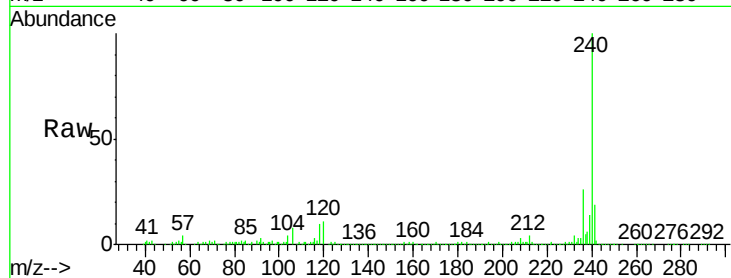
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113225.D
Acq: 22 Mar 2019 00:02

Instrument :
BNA_F
ClientSampleId :
30200-05DL

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	485906		
120	11.2	8.9	13.3	
236	25.7	20.7	31.1	

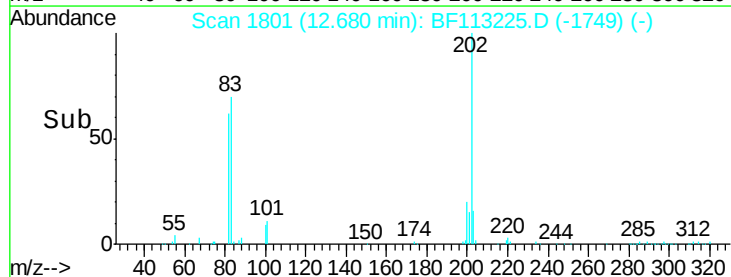
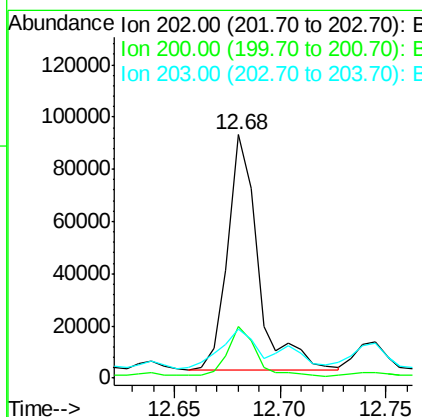
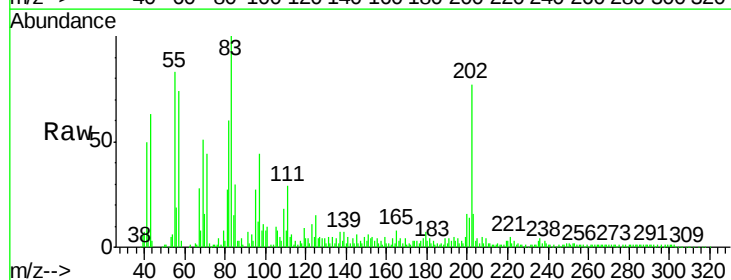
Manual Integrations
APPROVED

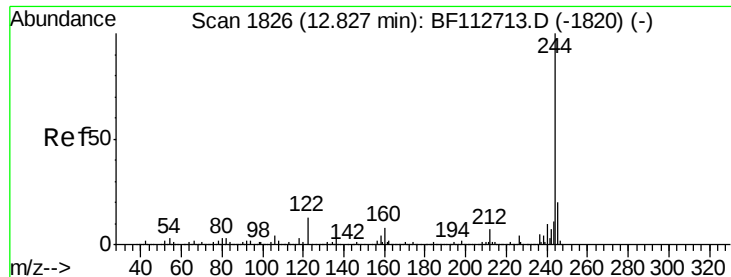
Sohil
3/22/2019 5:48:43 PM



#78
Pyrene
Concen: 2.178 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BF113225.D
Acq: 22 Mar 2019 00:02

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	89207		
200	21.0	17.0	25.4	
203	20.4	14.4	21.6	





#79

Terphenyl-d14

Concen: 5.780 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF113225.D

Acq: 22 Mar 2019 00:02

Instrument :

BNA_F

ClientSampleId :

30200-05DL

Tgt Ion:244 Resp: 144890
Ion Ratio Lower Upper

244 100

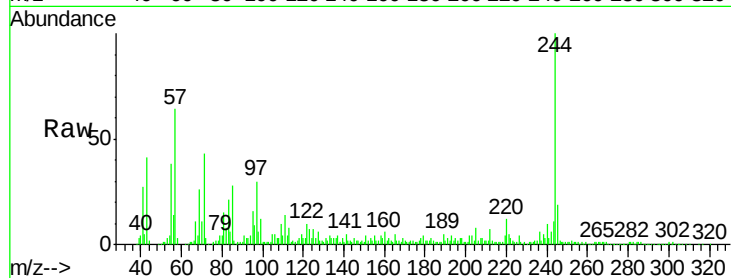
212 6.7 5.6 8.4

122 10.3 10.5 15.7#

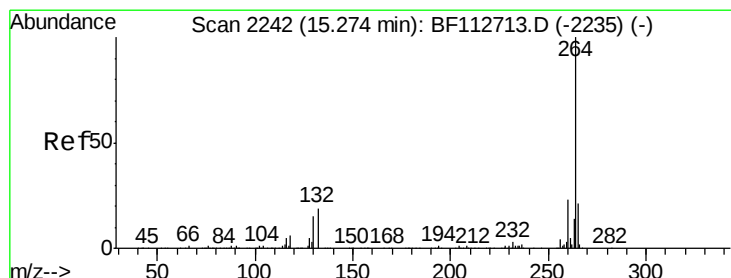
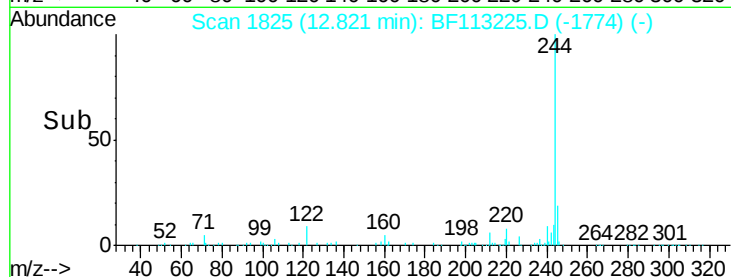
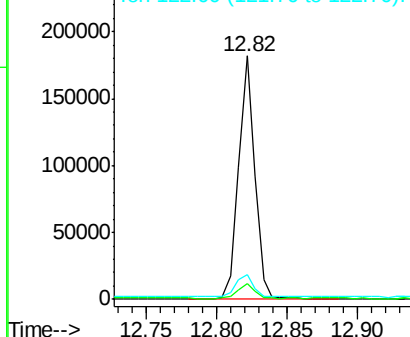
Manual Integrations
APPROVED

Sohil

3/22/2019 5:48:43 PM



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BF113225.D

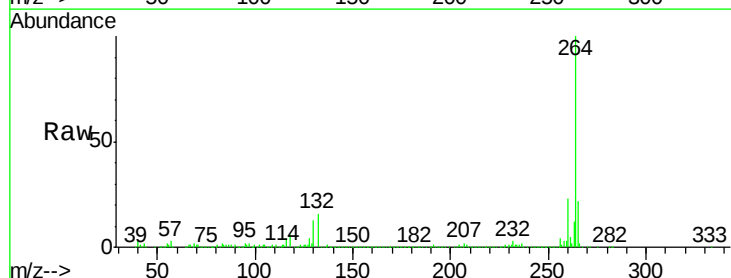
Acq: 22 Mar 2019 00:02

Tgt Ion:264 Resp: 408470
Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.9 17.2 25.8



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

