

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
 Data File : BF113312.D
 Acq On : 27 Mar 2019 1:18
 Operator : JU/SJ
 Sample : K2099-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SHORE-RD-CLVRT-STLD-1H-B

Manual Integrations
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Quant Time: Mar 27 08:23:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	150396	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	513324	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	244930	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	453727	20.00	ng	0.00
76) Chrysene-d12	13.83	240	286652	20.00	ng	-0.01
87) Perylene-d12	15.23	264	337741	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	397298	43.19	ng	0.00
7) Phenol-d6	6.35	99	320136	27.51	ng	-0.01
23) Nitrobenzene-d5	7.26	82	816072	94.36	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	246906	81.61	ng	-0.01
45) 2-Fluorobiphenyl	9.06	172	1430458	93.25	ng	0.00
79) Terphenyl-d14	12.79	244	1128640	86.79	ng	0.00
Target Compounds						
10) Phenol	6.36	94	34485	2.596	ng	# 76
31) Naphthalene	8.00	128	52293	2.085	ng	# 88
37) 2-Methylnaphthalene	8.70	142	62813	4.013	ng	97
38) 1-Methylnaphthalene	8.79	142	67648m	4.493	ng	
50) Dimethylphthalate	9.45	163	84737	4.668	ng	100
71) Phenanthrene	11.23	178	48508	2.153	ng	99

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

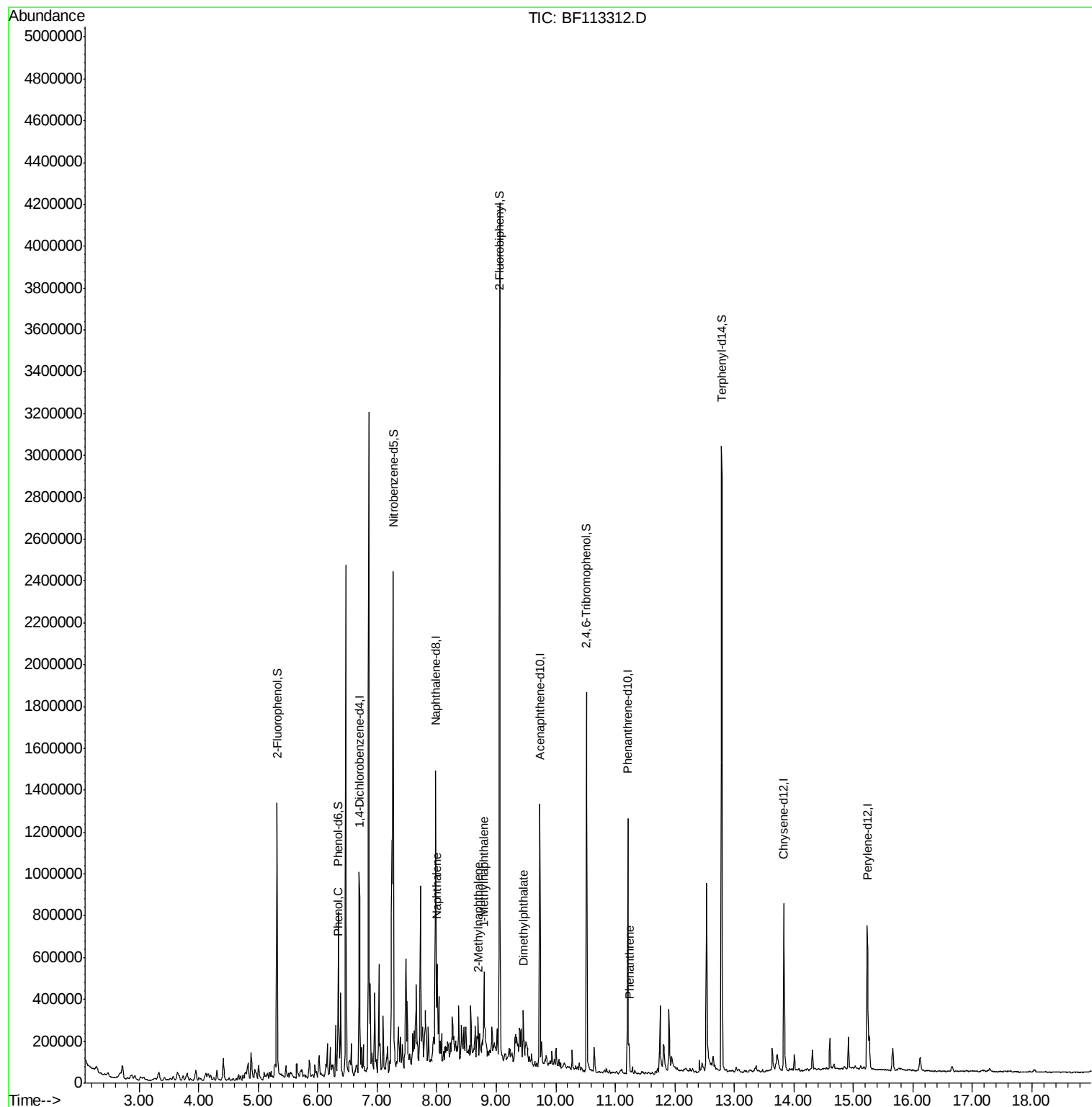
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
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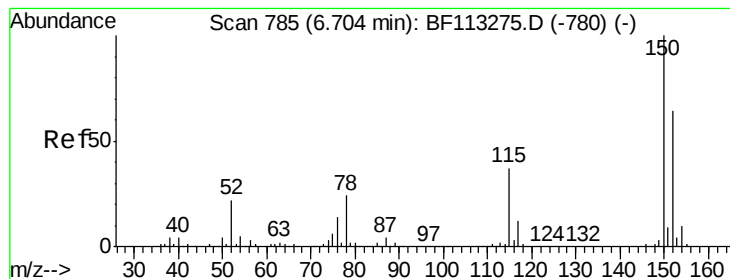
Instrument :
BNA_F
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SHORE-RD-CLVRT-STLD-1H-B

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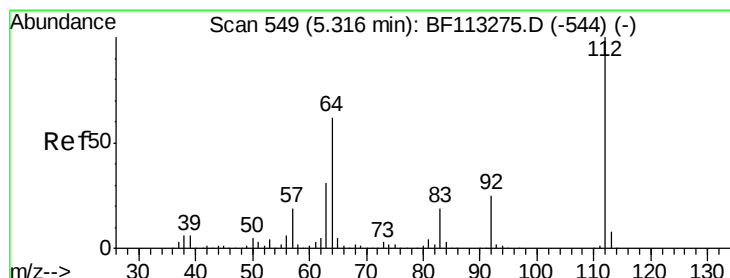
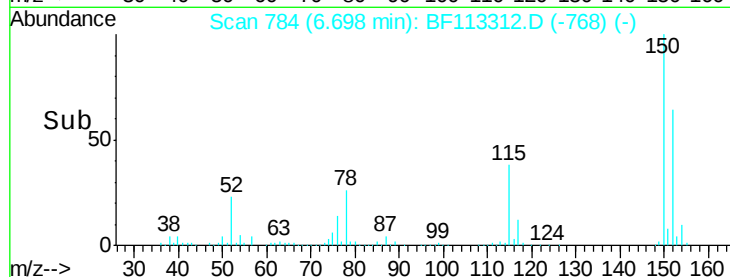
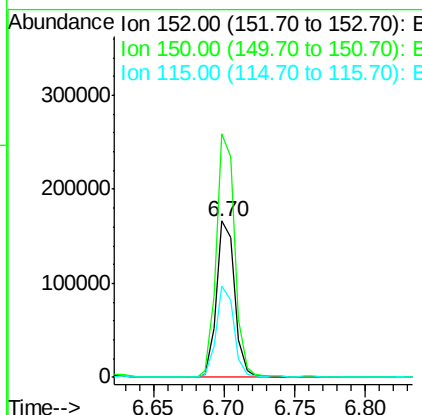
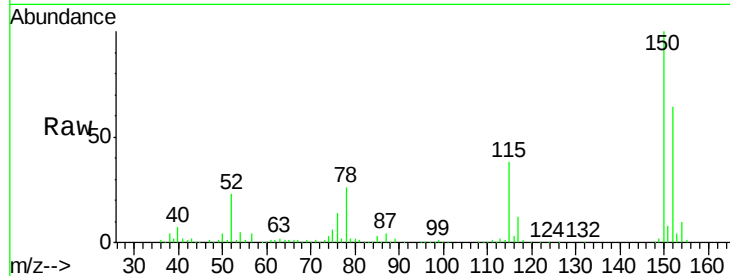
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF113312.D
 Acq: 27 Mar 2019 1:18

Instrument :
 BNA_F
 ClientSampleId :
 SHORE-RD-CLVRT-STLD-1H-B

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	150396		
150	156.0	124.7	187.1	
115	58.6	46.0	69.0	

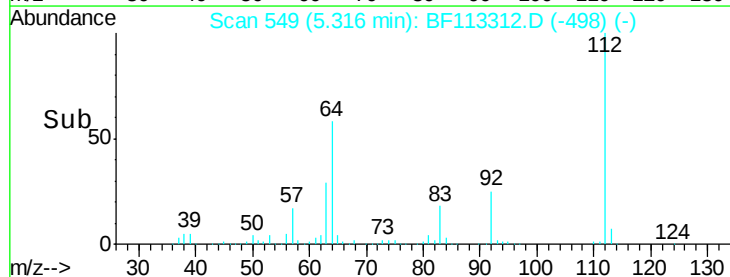
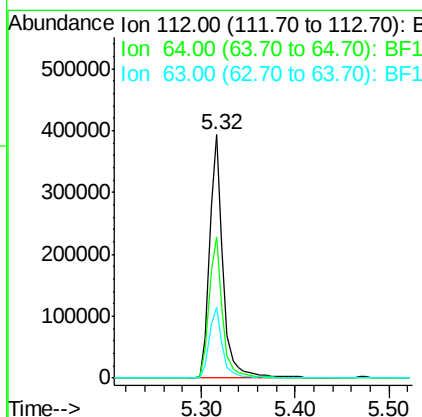
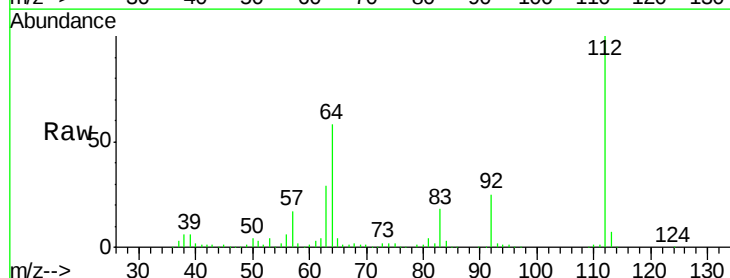
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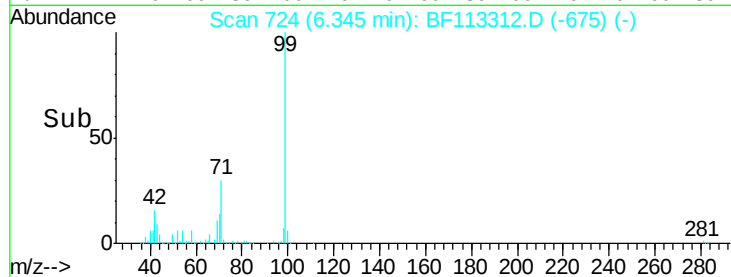
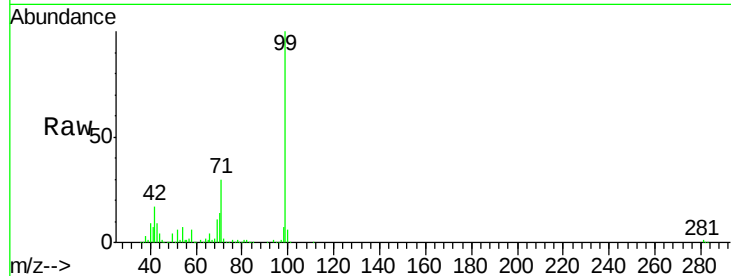
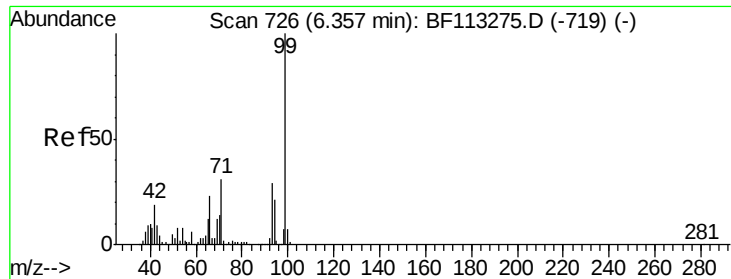
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#5
 2-Fluorophenol
 Concen: 43.195 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF113312.D
 Acq: 27 Mar 2019 1:18

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	397298		
64	57.8	49.2	73.8	
63	29.1	24.9	37.3	





#7

Phenol-d6

Concen: 27.513 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113312.D

Acq: 27 Mar 2019 1:18

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	320136		
42	16.9	14.8	22.2	
71	30.5	24.9	37.3	

Instrument :

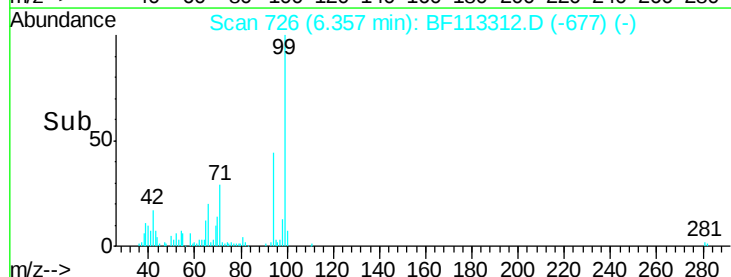
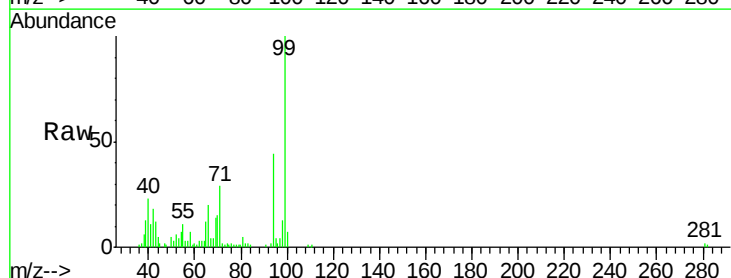
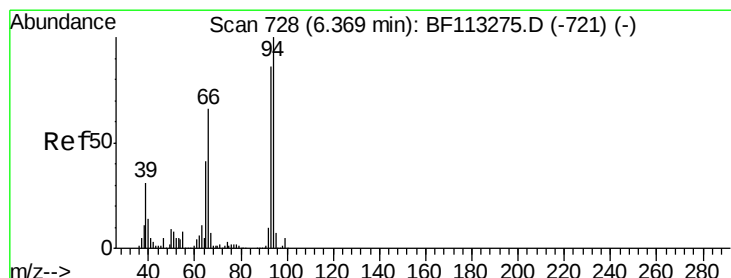
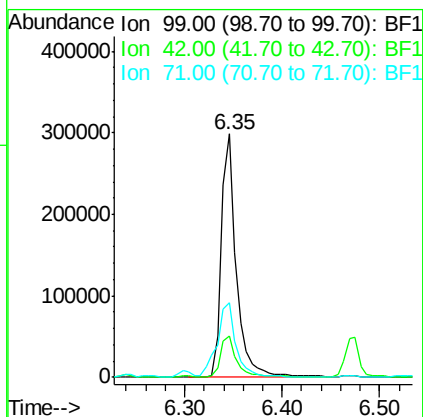
BNA_F

ClientSampleId :

SHORE-RD-CLVRT-STLD-1H-B

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#10

Phenol

Concen: 2.596 ng

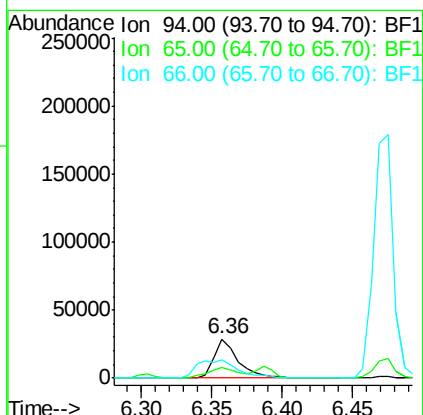
RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF113312.D

Acq: 27 Mar 2019 1:18

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	34485		
65	28.3	21.4	61.4	
66	46.0	46.4	86.4#	





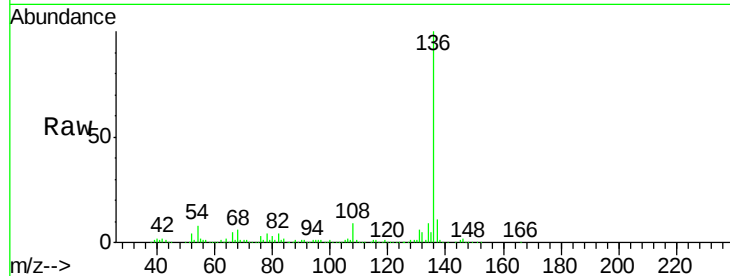
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-B

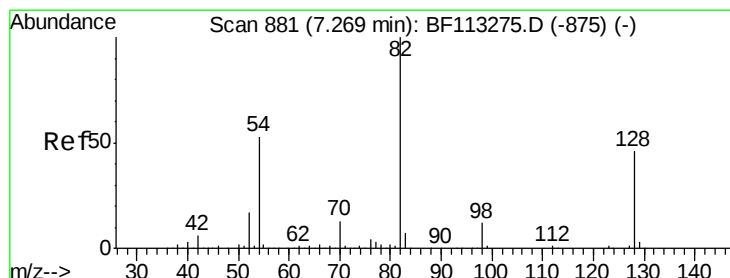
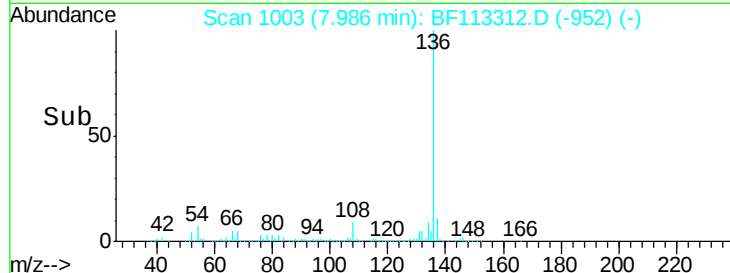
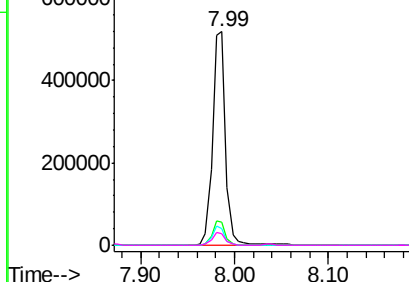
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	513324		
137	10.7	8.9	13.3	
54	7.6	7.0	10.6	
68	5.6	4.8	7.2	

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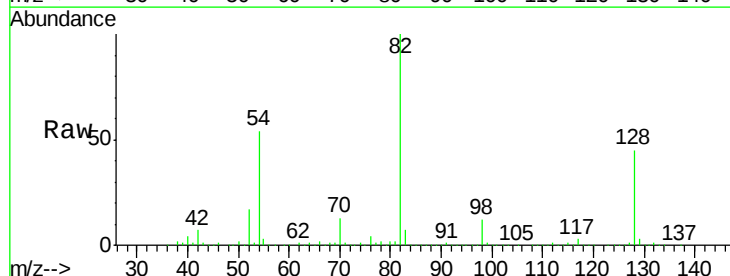


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
600000
Ion 54.00 (53.70 to 54.70): BF1
400000
Ion 68.00 (67.70 to 68.70): BF1
200000
0

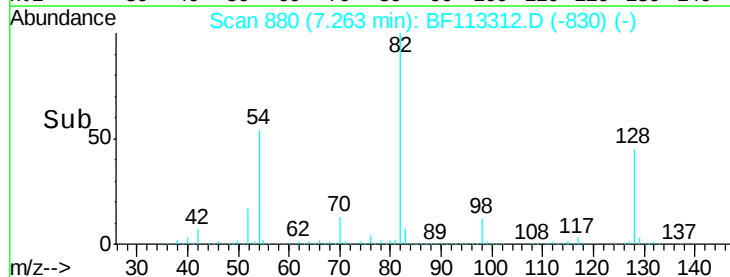
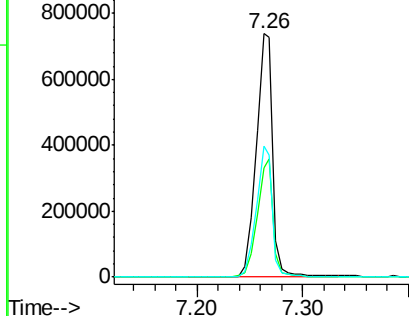


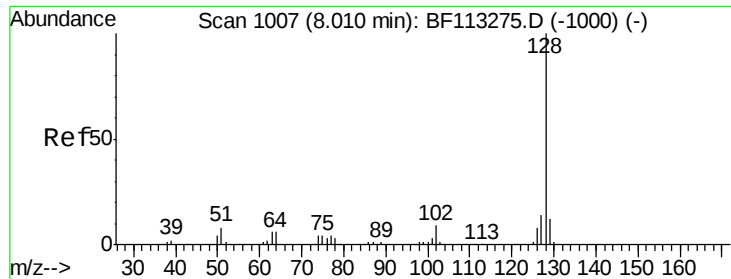
#23
Nitrobenzene-d5
Concen: 94.360 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	816072		
128	45.0	36.5	54.7	
54	53.9	42.2	63.2	



Abundance Ion 82.00 (81.70 to 82.70): BF1
1000000
Ion 128.00 (127.70 to 128.70): E
800000
Ion 54.00 (53.70 to 54.70): BF1
600000
400000
200000
0





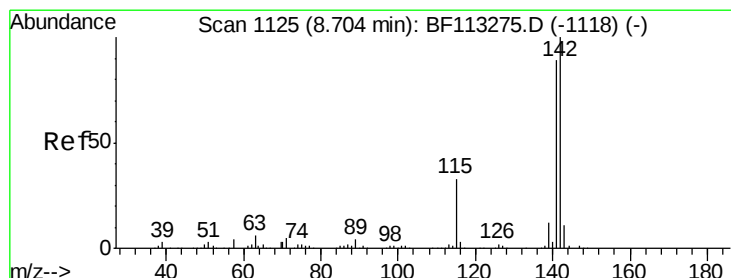
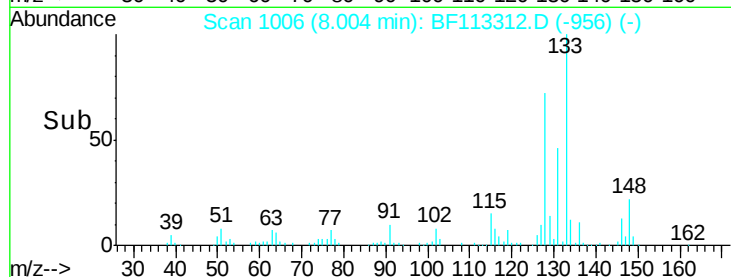
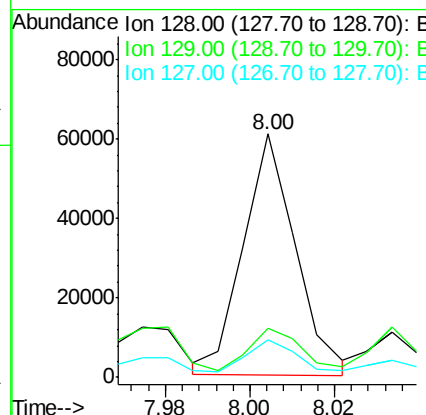
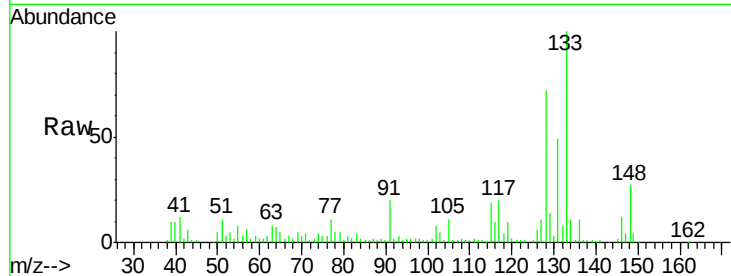
#31
Naphthalene
Concen: 2.085 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-B

Tgt Ion	Ratio	Lower	Upper
128	100		
129	20.0	9.3	13.9#
127	15.4	10.9	16.3

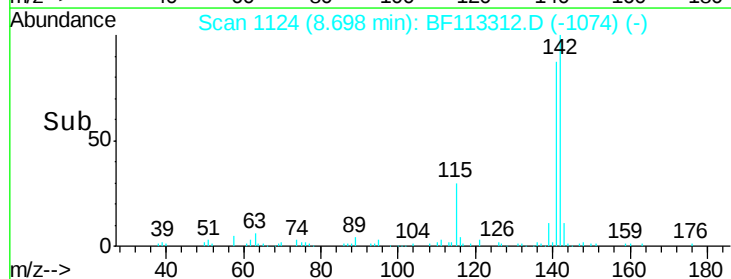
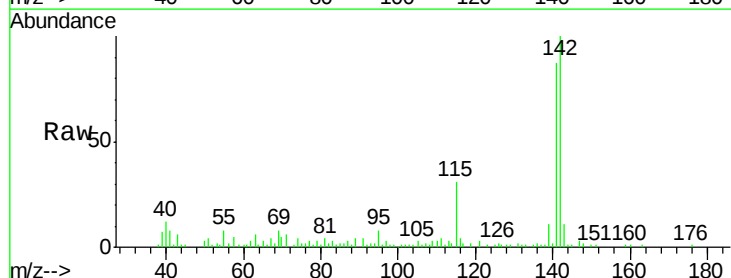
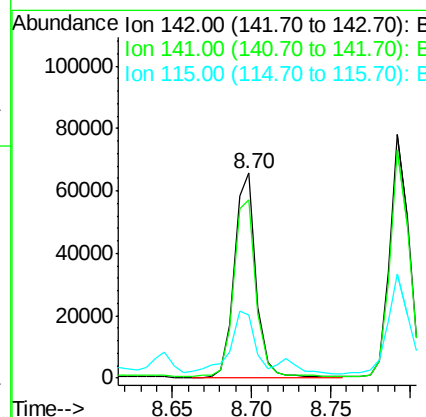
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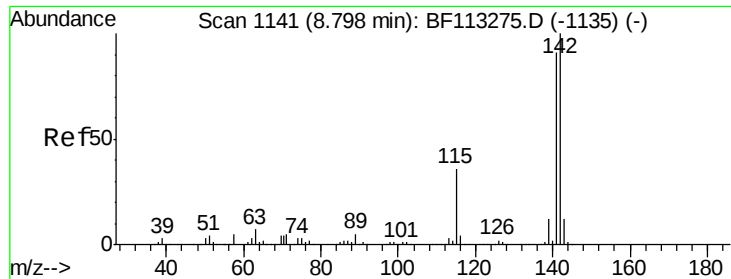
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#37
2-Methylnaphthalene
Concen: 4.013 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.9	71.0	106.6
115	30.9	26.6	39.8





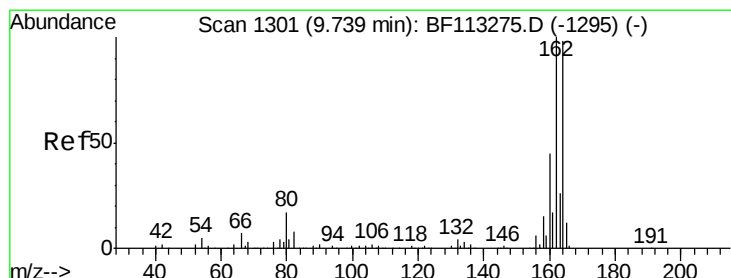
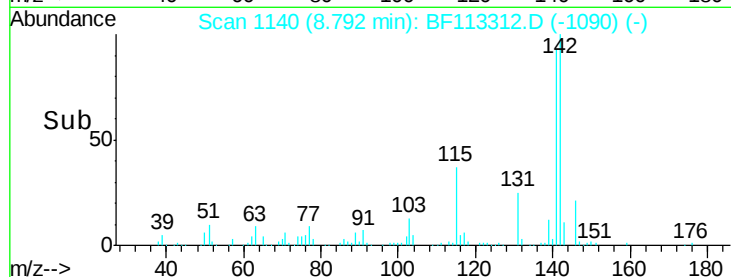
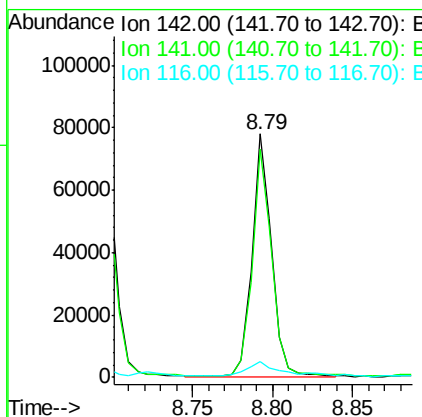
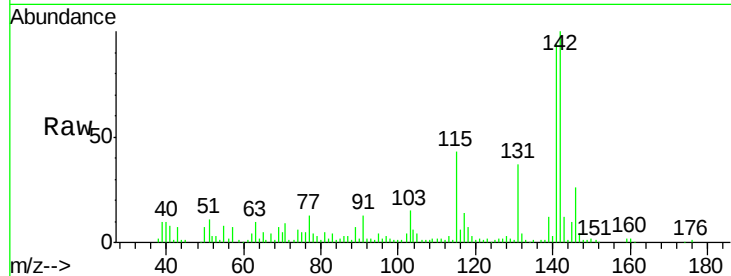
#38
1-Methylnaphthalene
Concen: 4.493 ng m
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-B

Tgt Ion:142 Resp: 67648
Ion Ratio Lower Upper
142 100
141 93.5 73.2 109.8
116 6.4 3.0 4.4#

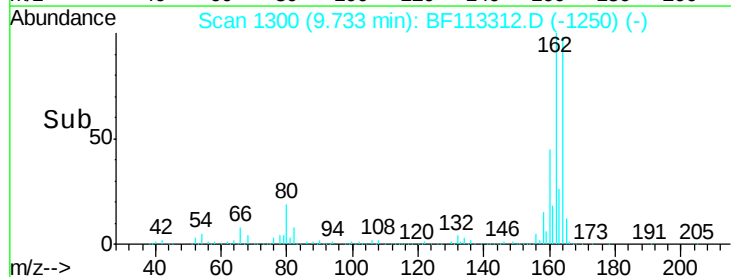
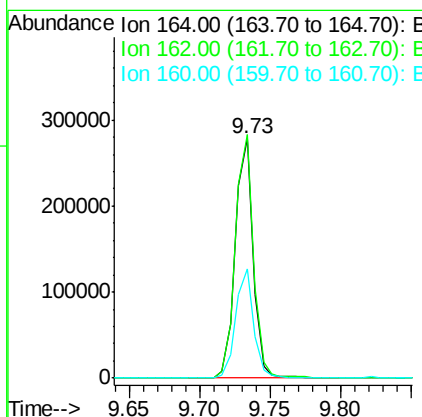
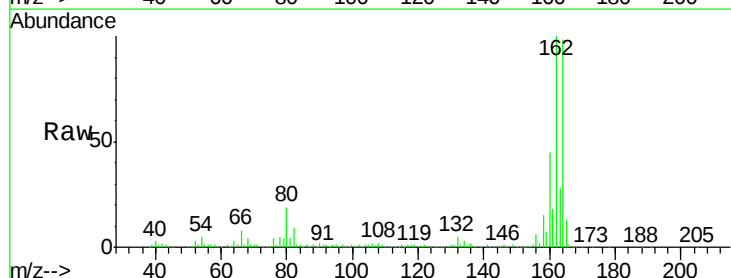
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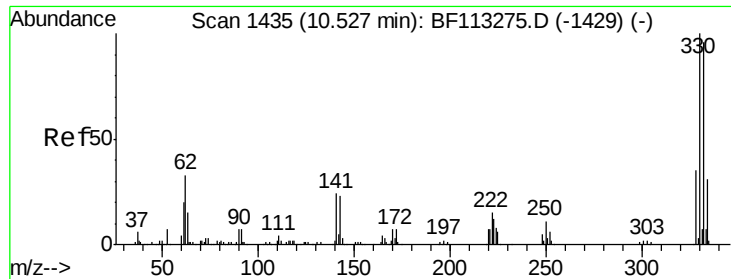
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

Tgt Ion:164 Resp: 244930
Ion Ratio Lower Upper
164 100
162 101.7 81.8 122.6
160 45.9 36.4 54.6





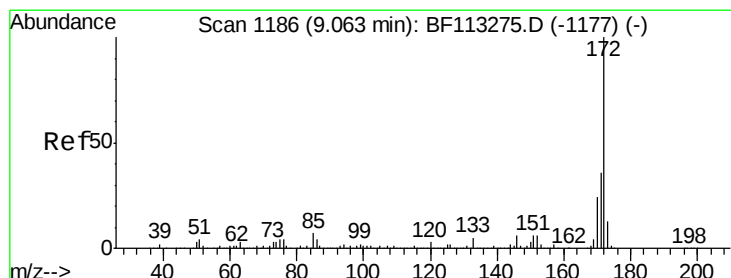
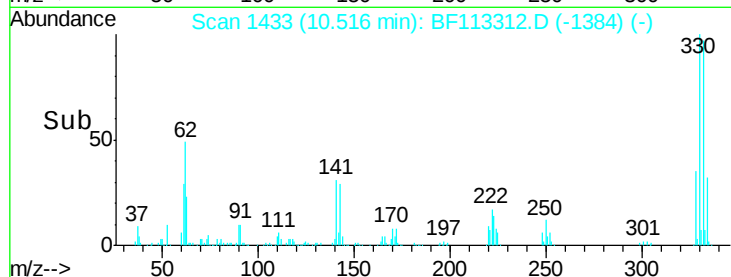
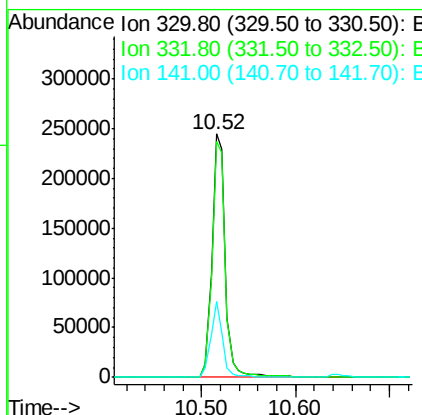
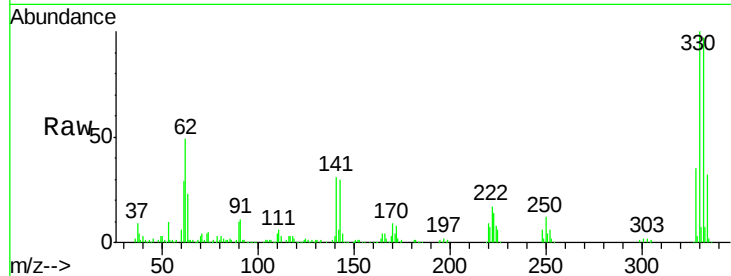
#42
 2,4,6-Tribromophenol
 Concen: 81.610 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF113312.D
 Acq: 27 Mar 2019 1:18

Instrument :
 BNA_F
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 SHORE-RD-CLVRT-STLD-1H-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.8	116.6
141	28.8	22.7	34.1

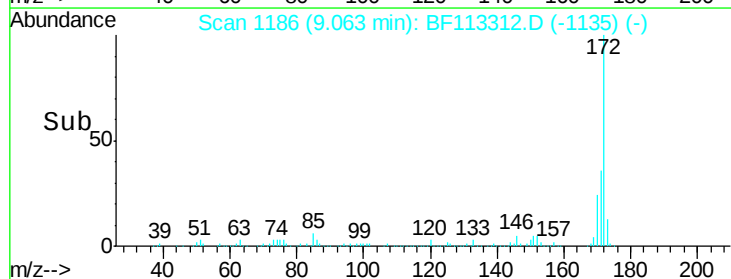
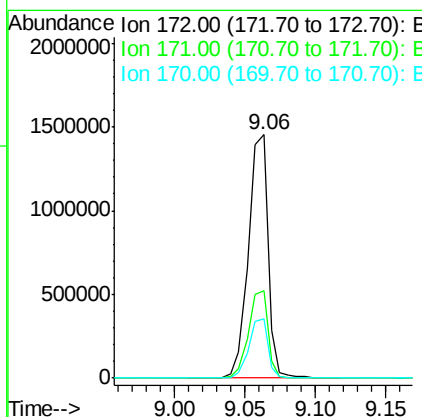
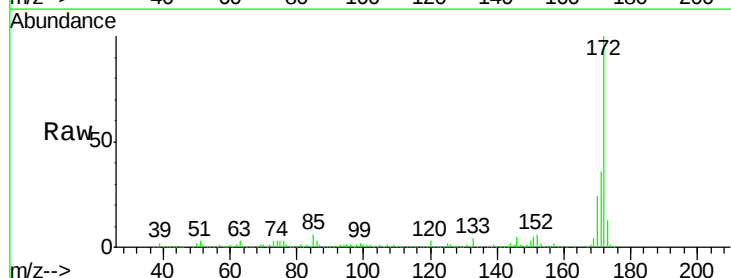
Manual Integrations
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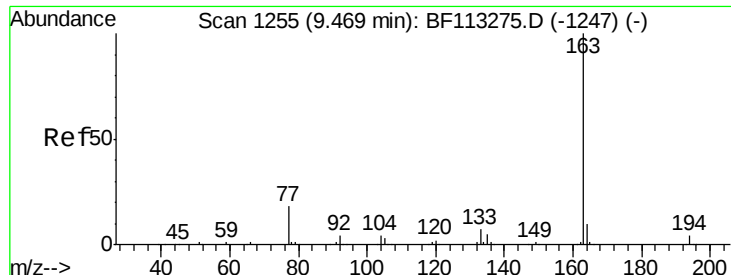
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#45
 2-Fluorobiphenyl
 Concen: 93.250 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113312.D
 Acq: 27 Mar 2019 1:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.3	19.5	29.3





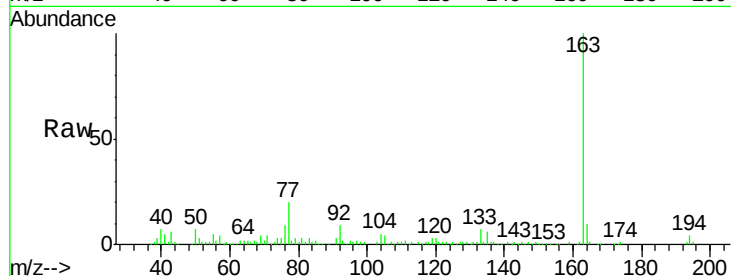
#50
Dimethylphthalate
Concen: 4.668 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-B

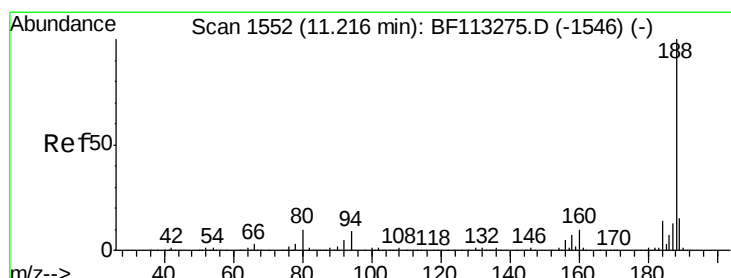
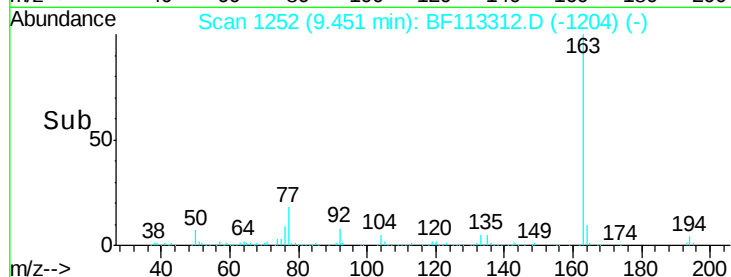
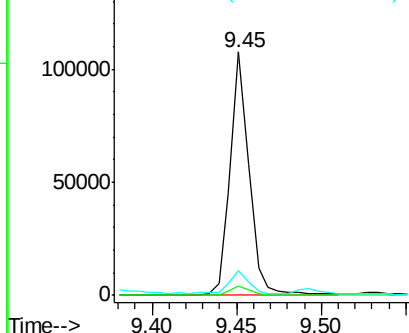
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	84737		
194	4.1		3.0	4.6
164	10.1		8.1	12.1

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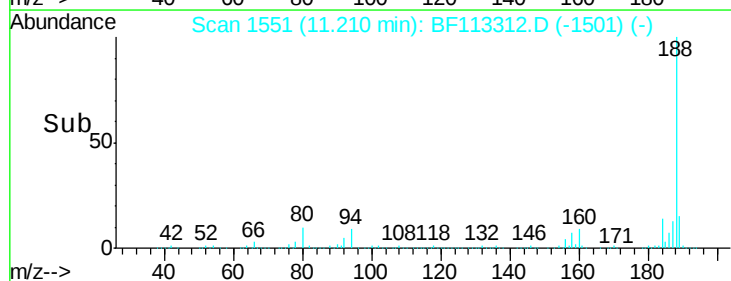
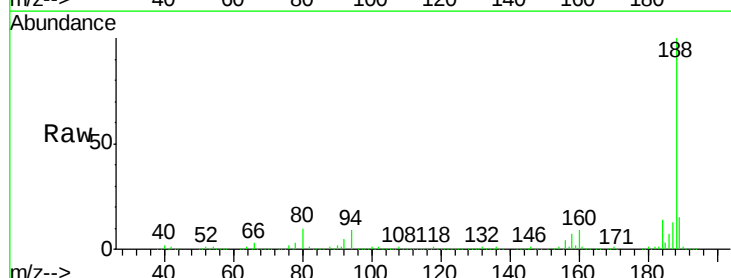
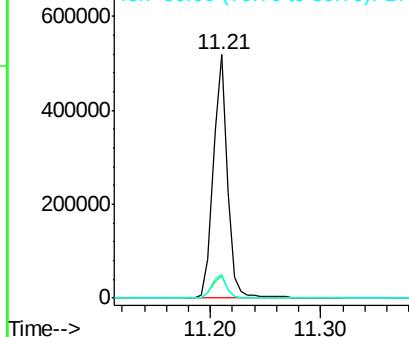
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

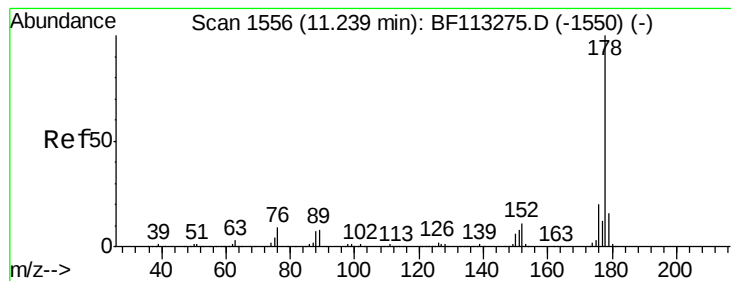


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	453727		
94	9.2		7.0	10.6
80	9.5		7.7	11.5

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





#71

Phenanthrene

Concen: 2.153 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF113312.D

Acq: 27 Mar 2019 1:18

Instrument :

BNA_F

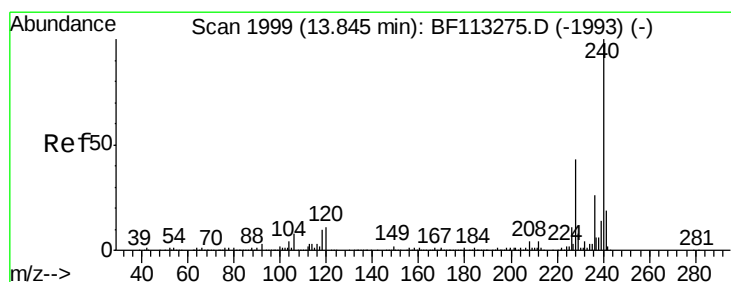
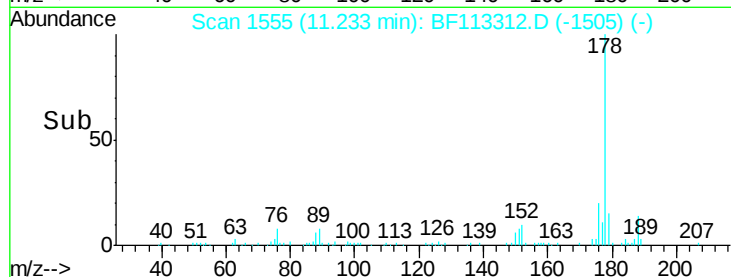
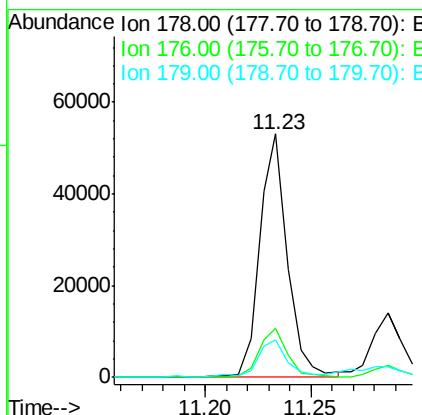
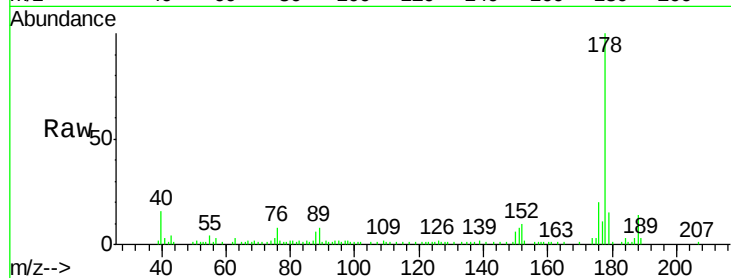
ClientSampleId :

SHORE-RD-CLVRT-STLD-1H-B

Tgt Ion:	178	Resp:	48508
Ion Ratio	Lower	Upper	
178	100		
176	20.0	16.2	24.2
179	15.4	12.7	19.1

Manual Integrations
APPROVED

Sohil
3/27/2019 3:17:50 PM



#76

Chrysene-d12

Concen: 20.000 ng

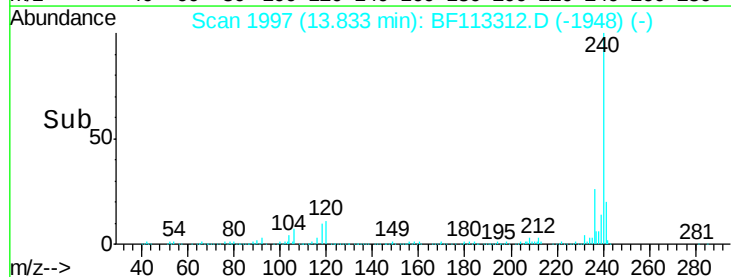
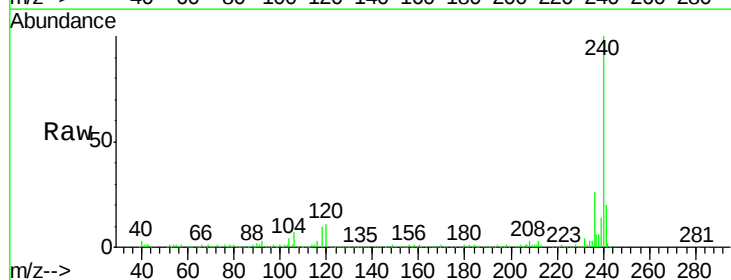
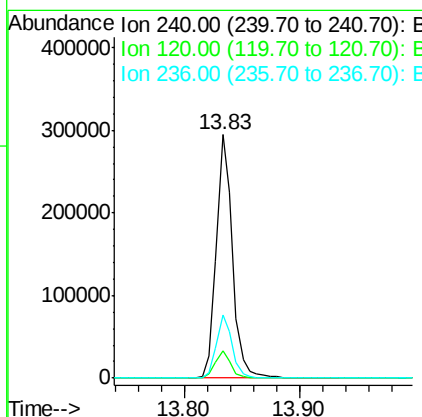
RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF113312.D

Acq: 27 Mar 2019 1:18

Tgt Ion:	240	Resp:	286652
Ion Ratio	Lower	Upper	
240	100		
120	11.1	8.8	13.2
236	26.1	20.9	31.3





#79

Terphenyl-d14

Concen: 86.785 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF113312.D

Acq: 27 Mar 2019 1:18

Instrument :

BNA_F

ClientSampleId :

SHORE-RD-CLVRT-STLD-1H-B

Tgt Ion:244 Resp: 1128640

Ion Ratio Lower Upper

244 100

212 6.2 5.5 8.3

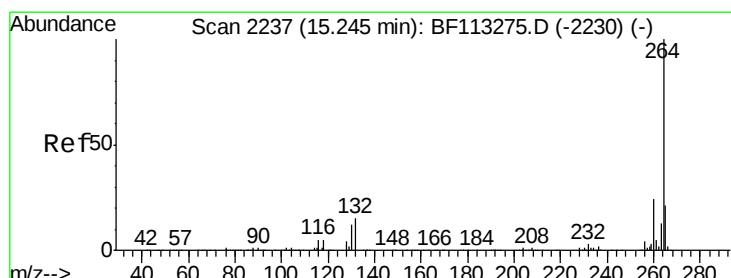
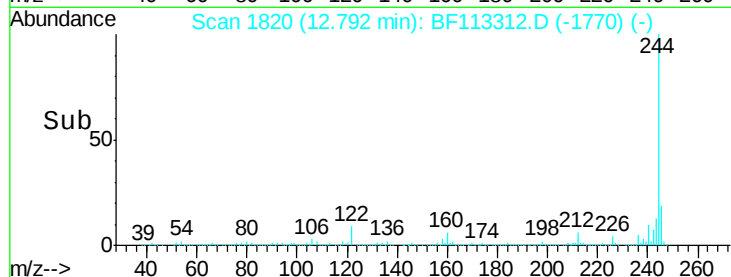
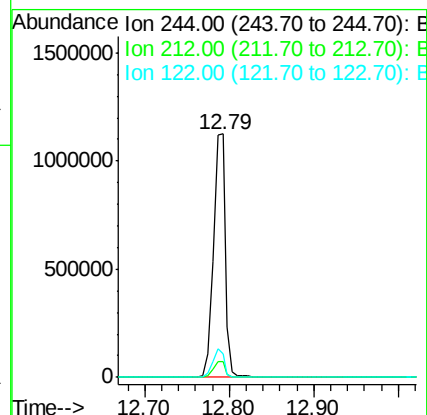
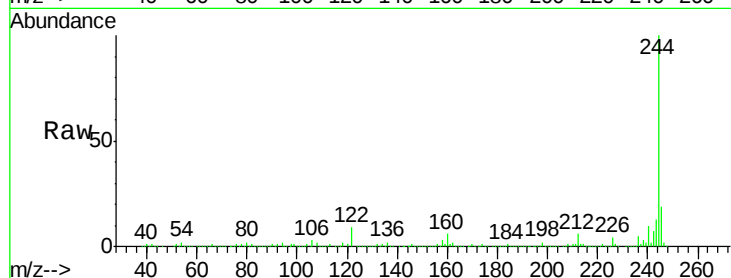
122 9.5 8.6 13.0

Manual Integrations

APPROVED

Sohil

3/27/2019 3:17:50 PM



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF113312.D

Acq: 27 Mar 2019 1:18

Tgt Ion:264 Resp: 337741

Ion Ratio Lower Upper

264 100

260 22.8 19.1 28.7

265 21.7 17.1 25.7

