

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
 Data File : BF113348.D
 Acq On : 28 Mar 2019 00:34
 Operator : JU/SJ
 Sample : K2093-01 20X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 30035-1

Manual Integrations
 APPROVED

Sohil
 3/28/2019 8:41:33 AM

Quant Time: Mar 28 09:48:43 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	134308	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	527245	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	257396	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	437940	20.00	ng	0.00
76) Chrysene-d12	13.85	240	313905	20.00	ng	0.00
87) Perylene-d12	15.26	264	260678	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	24451	2.98	ng	0.00
7) Phenol-d6	6.36	99	32672	3.14	ng	0.00
23) Nitrobenzene-d5	7.27	82	57352	6.46	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	7405	2.33	ng	0.00
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
79) Terphenyl-d14	12.79	244	37273	2.62	ng	-0.01
Target Compounds						
31) Naphthalene	8.00	128	290849	11.288	ng	98
37) 2-Methylnaphthalene	8.70	142	87713	5.456	ng	98
38) 1-Methylnaphthalene	8.80	142	46209m	2.988	ng	
84) Bis(2-ethylhexyl)phthalate	13.83	149	69373	5.903	ng	94

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

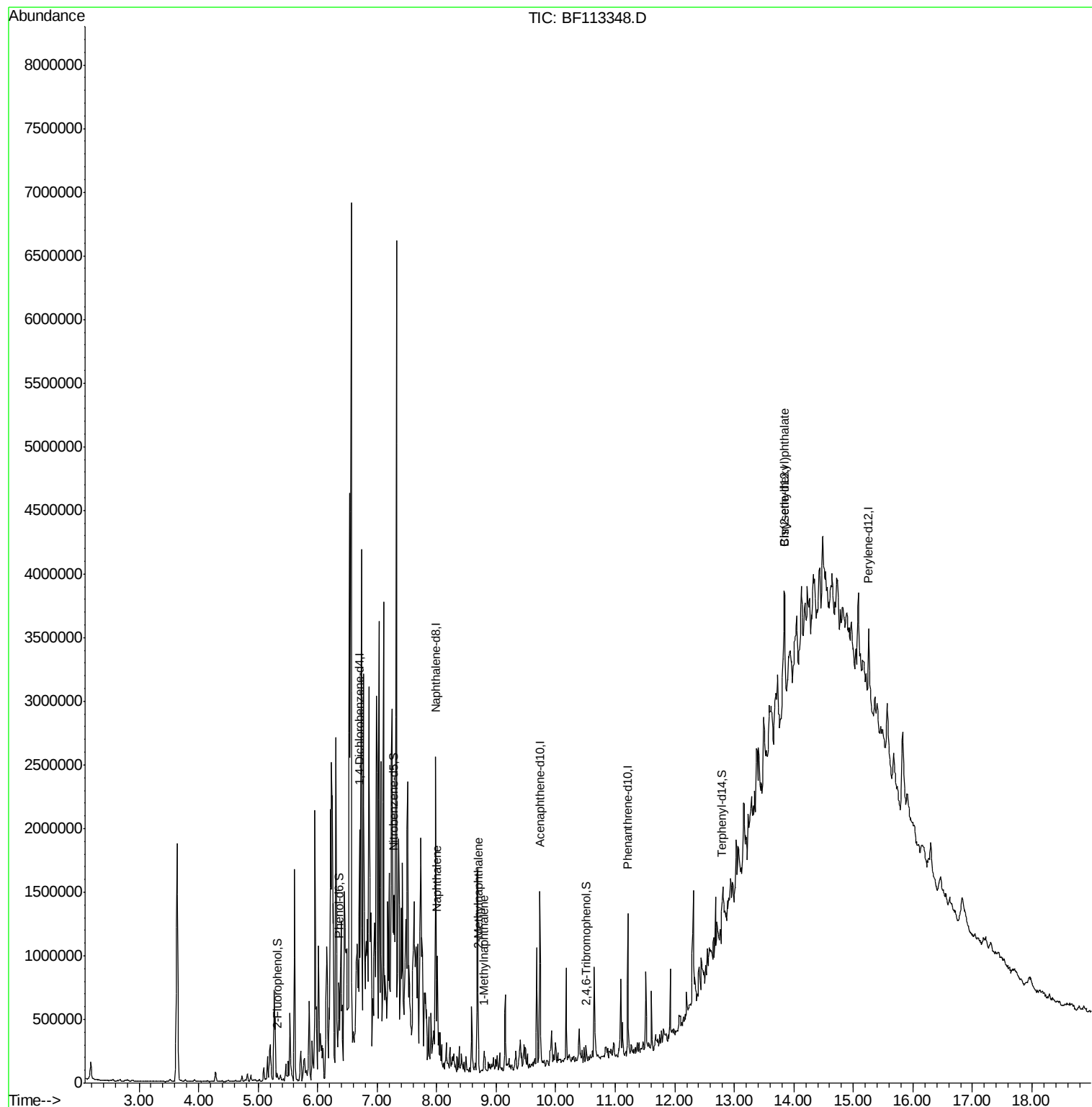
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
Data File : BF113348.D
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Sample : K2093-01 20X
Misc :
ALS Vial : 25 Sample Multiplier: 1

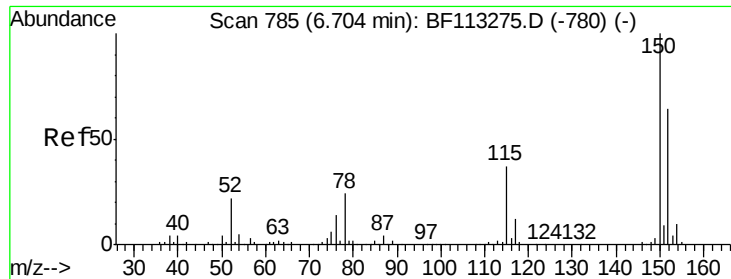
Instrument :
BNA_F
ClientSampleId :
30035-1

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#1

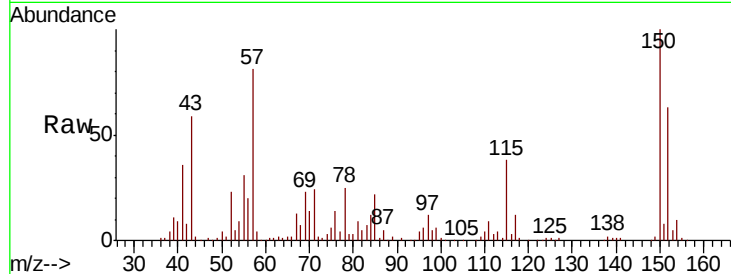
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113348.D
Acq: 28 Mar 2019 00:34

Instrument :
BNA_F
ClientSampled :
30035-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.7	187.1
115	59.5	46.0	69.0

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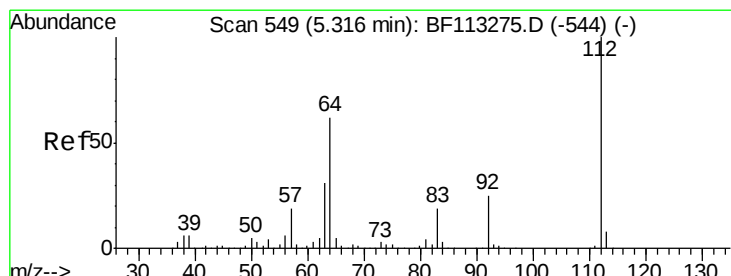
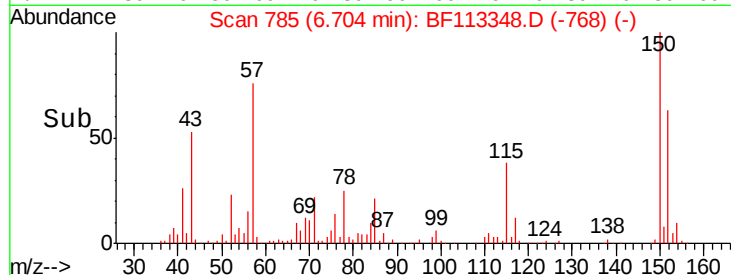
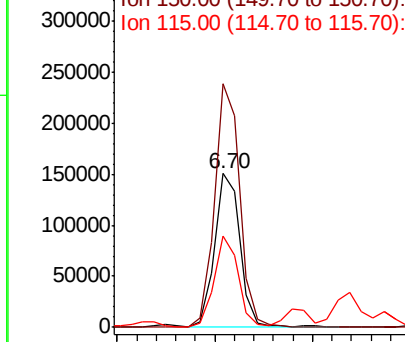


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

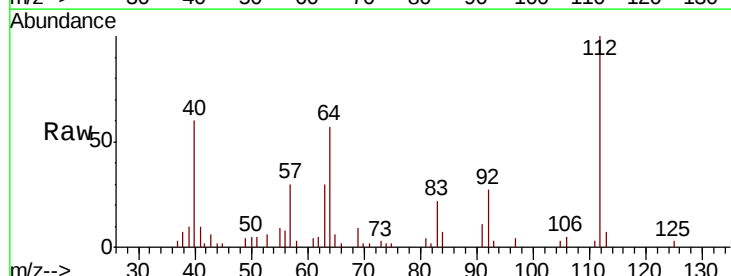
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 2.977 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113348.D
Acq: 28 Mar 2019 00:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	49.2	73.8
63	29.6	24.9	37.3

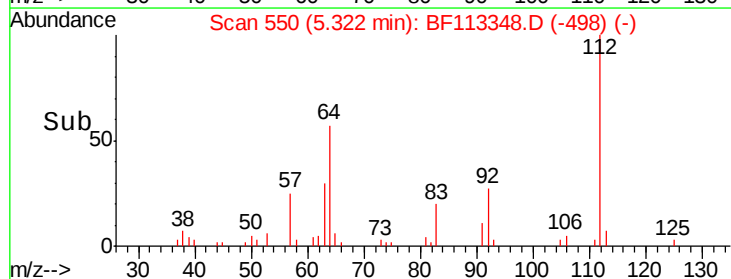
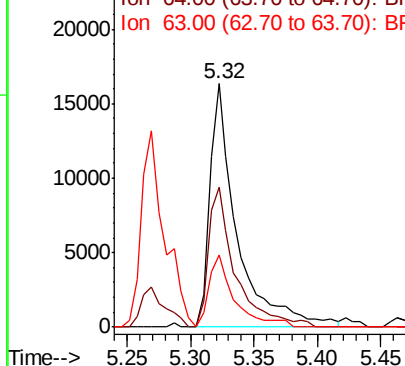


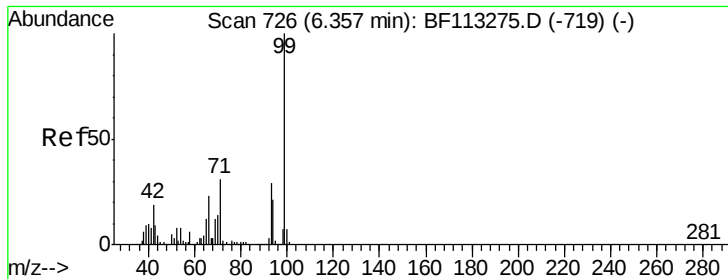
Abundance

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: 3.144 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113348.D

Acq: 28 Mar 2019 00:34

Instrument :

BNA_F

ClientSampleId :

30035-1

Tot Ion: 99 Resp: 32672

Ion Ratio Lower Upper

99 100

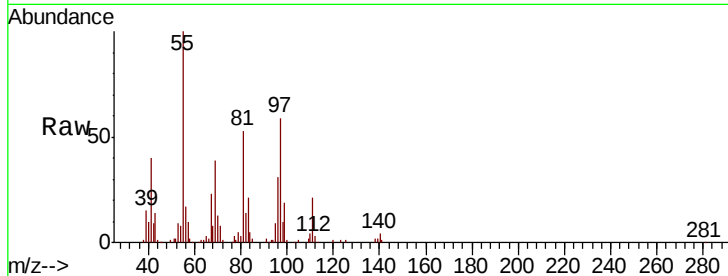
42 48.5 14.8 22.2#

71 42.7 24.9 37.3#

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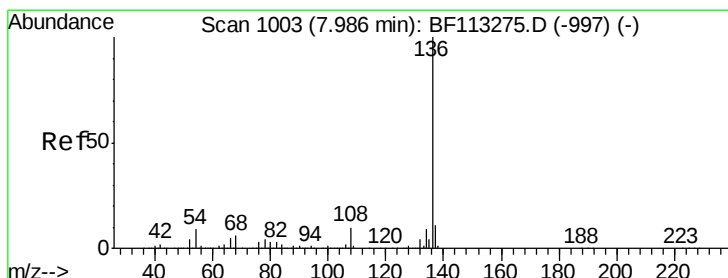
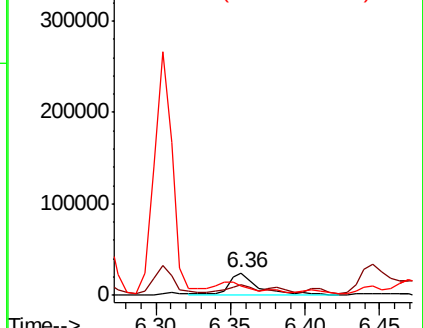
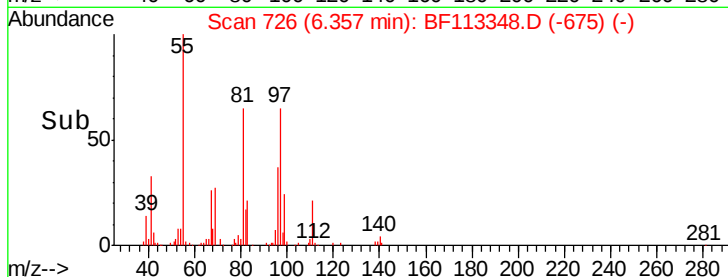
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF113348.D

Acq: 28 Mar 2019 00:34

Tgt Ion: 136 Resp: 527245

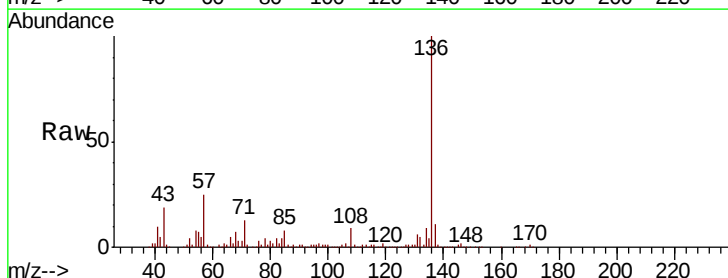
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 8.5 7.0 10.6

68 6.7 4.8 7.2

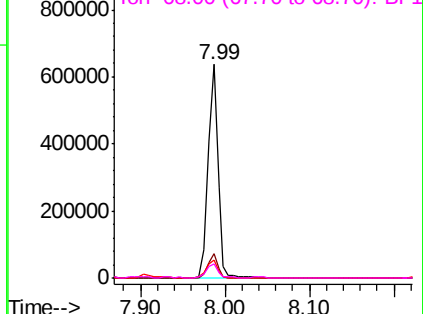
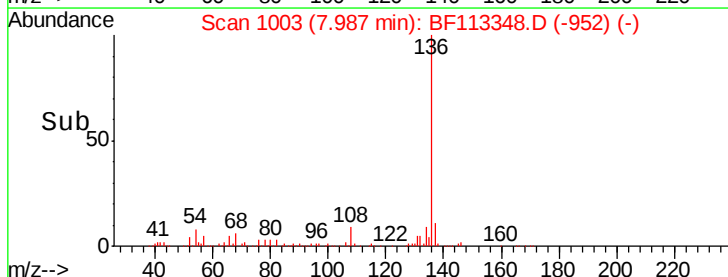


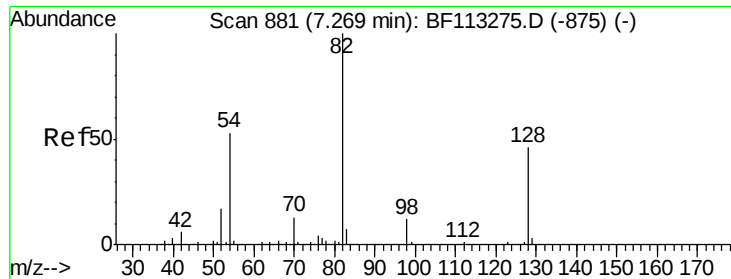
Abundance Ion 136.00 (135.70 to 136.70): E

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





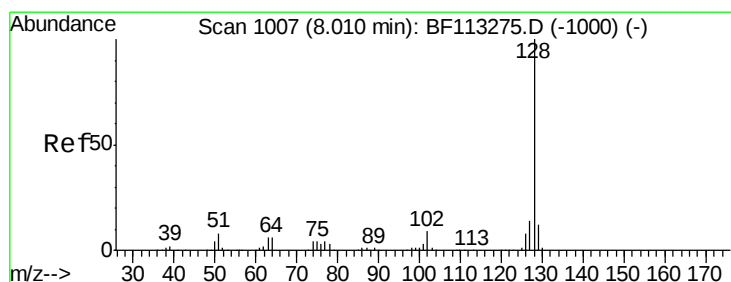
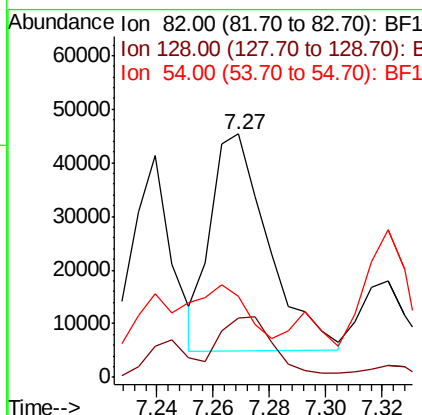
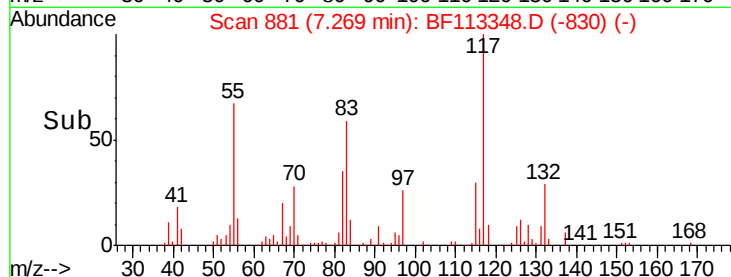
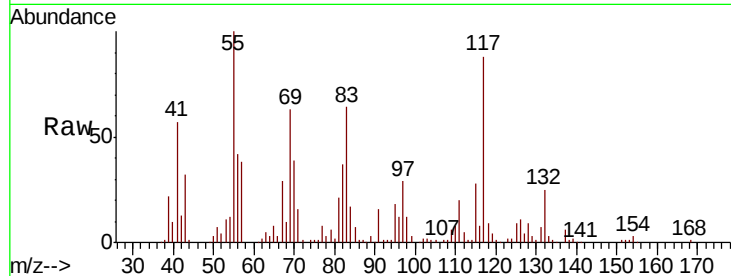
#23
Nitrobenzene-d5
Concen: 6.456 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113348.D
Acq: 28 Mar 2019 00:34

Instrument :
BNA_F
ClientSampled :
30035-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	24.3	36.5	54.7#
54	33.5	42.2	63.2#

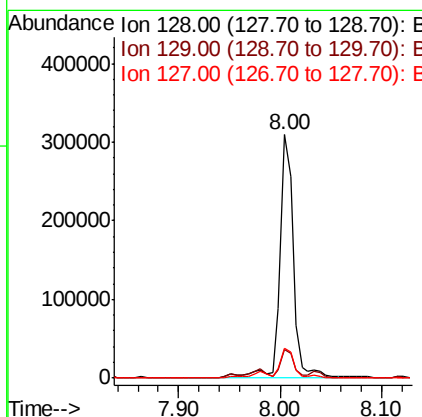
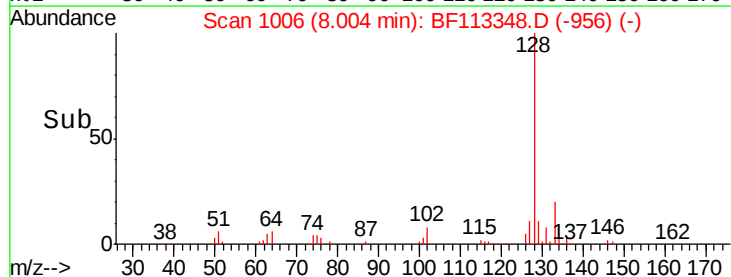
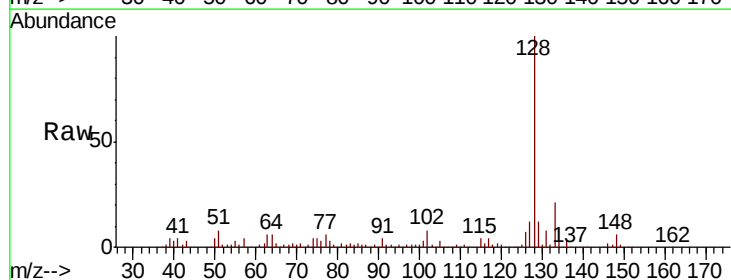
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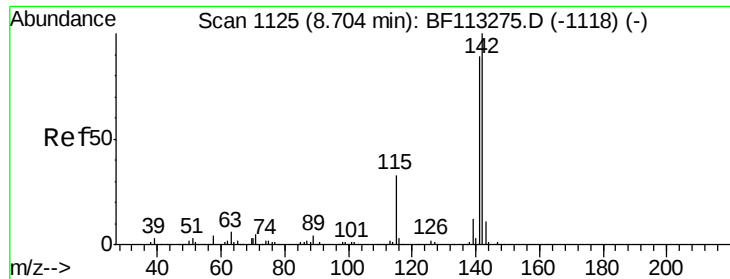
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#31
Naphthalene
Concen: 11.288 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113348.D
Acq: 28 Mar 2019 00:34

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.3	13.9
127	12.5	10.9	16.3





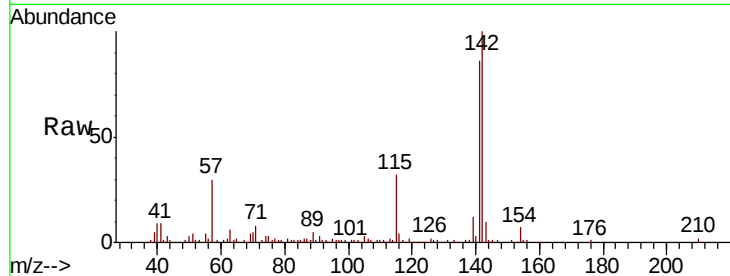
#37
2-Methylnaphthalene
Concen: 5.456 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF113348.D
Acq: 28 Mar 2019 00:34

Instrument :
BNA_F
ClientSampleId :
30035-1

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.4	71.0	106.6
115	32.4	26.6	39.8

Manual Integrations
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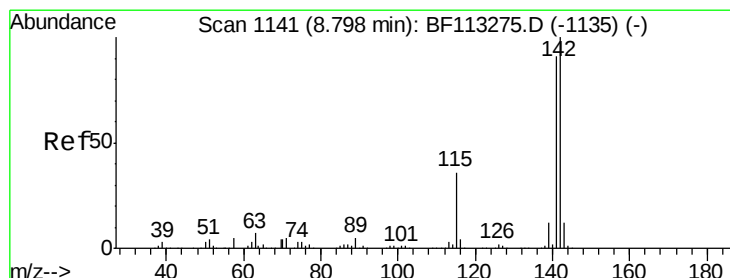
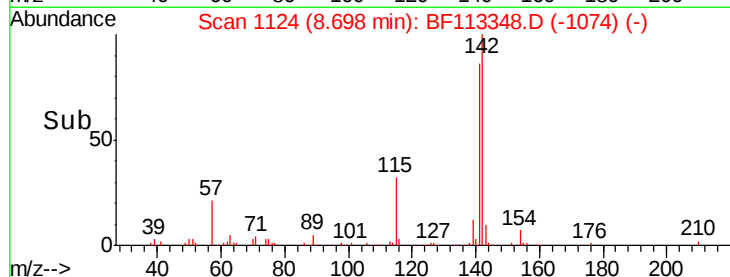
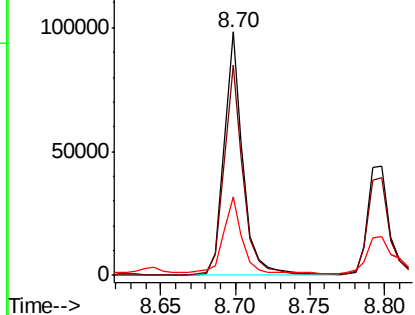


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 2.988 ng m
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF113348.D
Acq: 28 Mar 2019 00:34

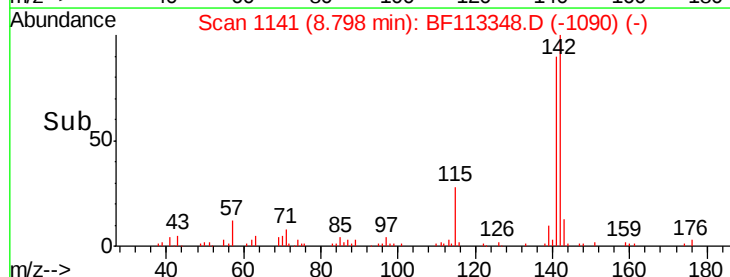
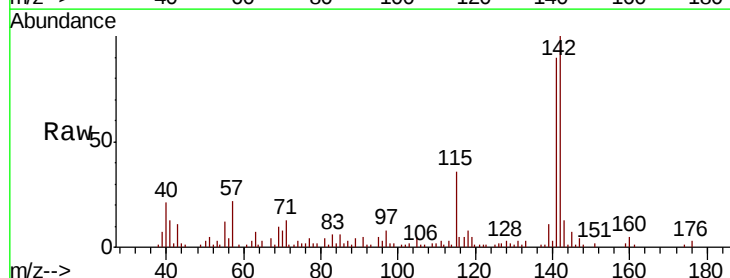
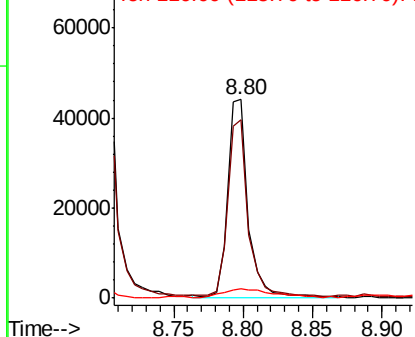
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	73.2	109.8
116	4.5	3.0	4.4#

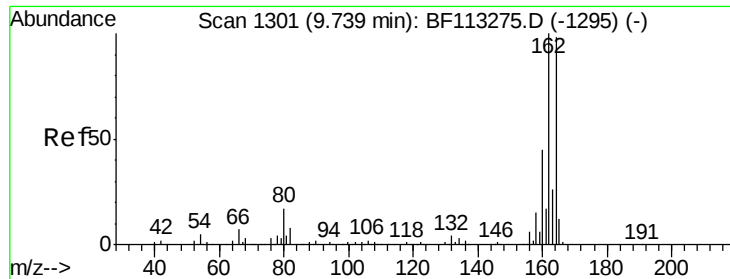
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





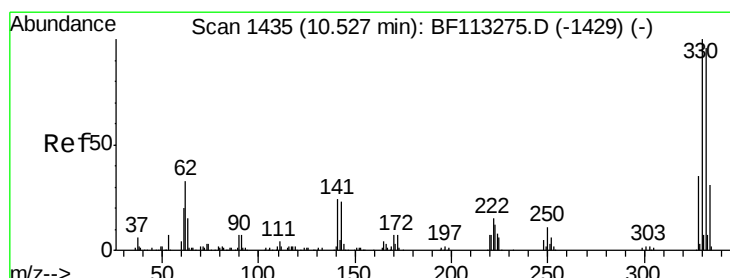
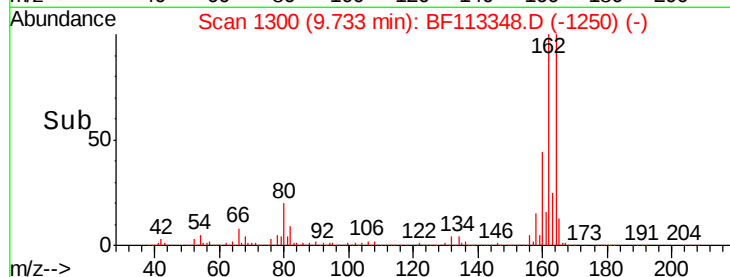
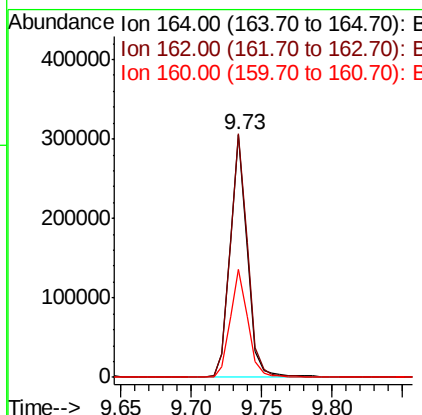
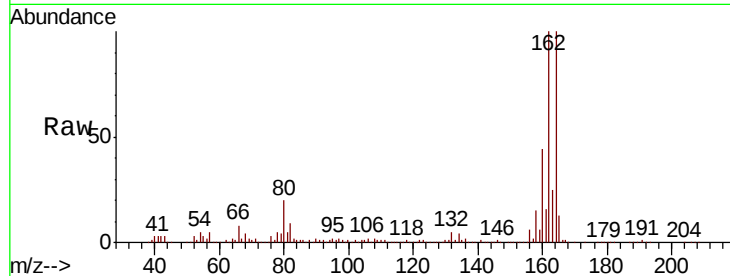
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113348.D
Acq: 28 Mar 2019 00:34

Instrument :
BNA_F
ClientSampleId :
30035-1

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.3	81.8	122.6	
160	44.5	36.4	54.6	

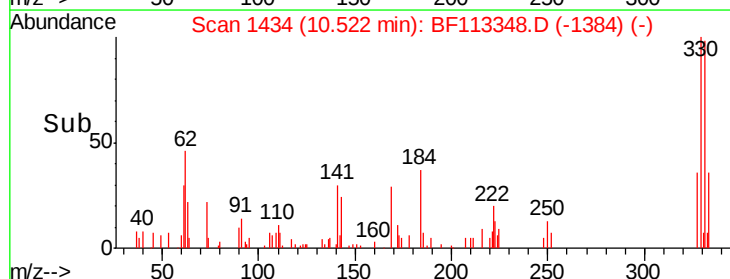
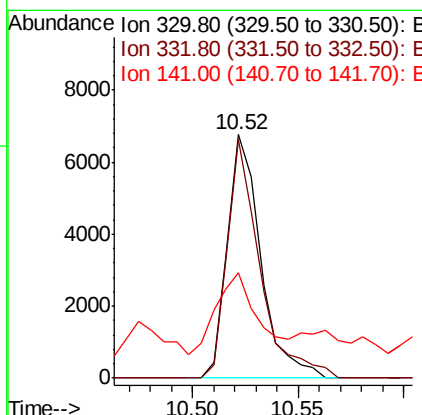
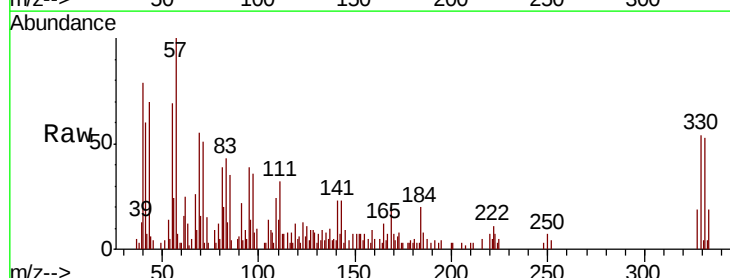
Manual Integrations
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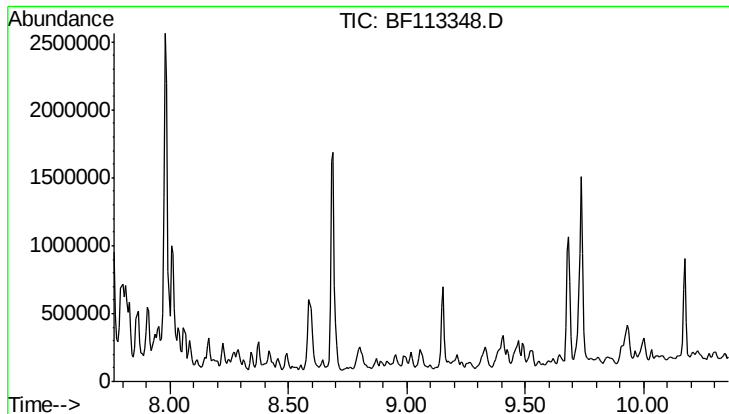
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#42
2,4,6-Tribromophenol
Concen: 2.329 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF113348.D
Acq: 28 Mar 2019 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.8	77.8	116.6	
141	41.8	22.7	34.1#	





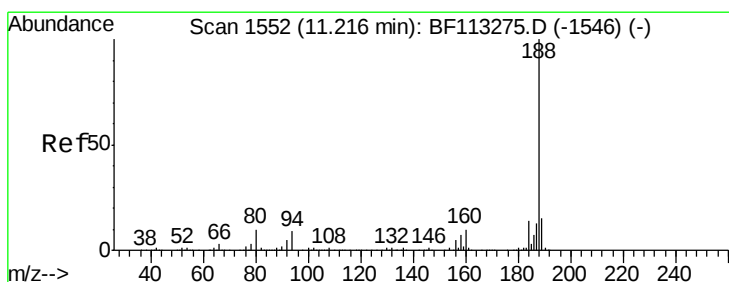
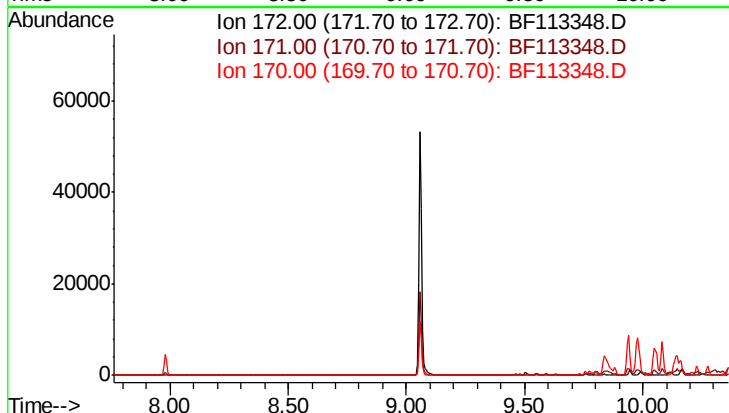
#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.06 min
 Lab File: BF113348.D
 Acq: 28 Mar 2019 00:34

Instrument :
 BNA_F
 ClientSampleId :
 30035-1

Tot Ion: 172
 Sig Exp Ratio
 172 100
 171 36.3
 170 24.4

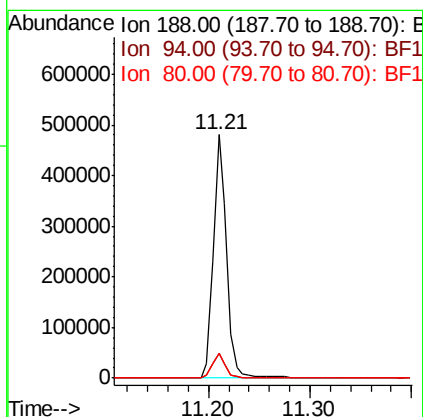
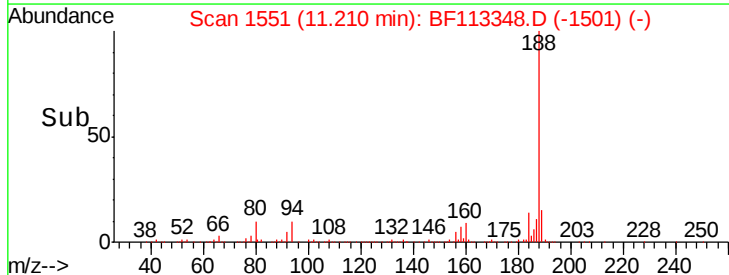
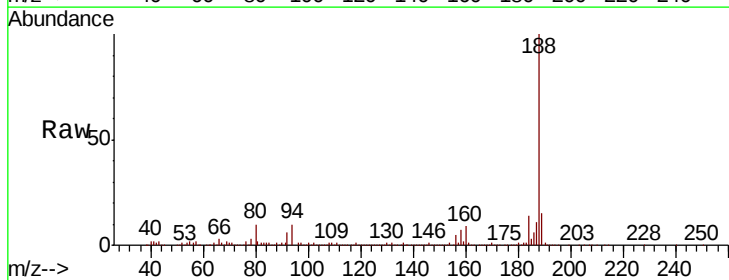
Manual Integrations
 APPROVED

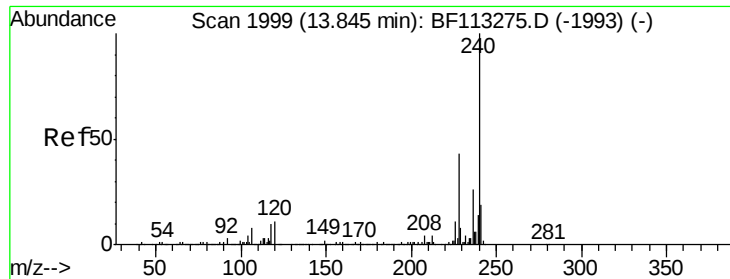
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113348.D
 Acq: 28 Mar 2019 00:34

Tgt Ion: 188 Resp: 437940
 Ion Ratio Lower Upper
 188 100
 94 10.3 7.0 10.6
 80 10.1 7.7 11.5





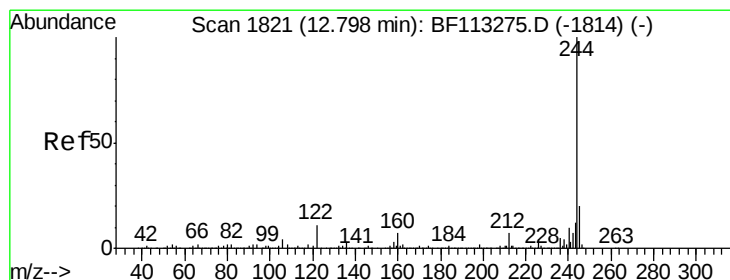
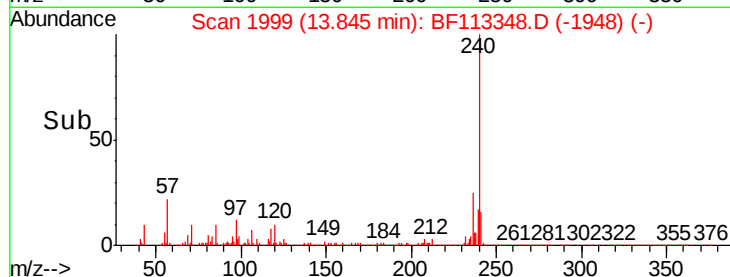
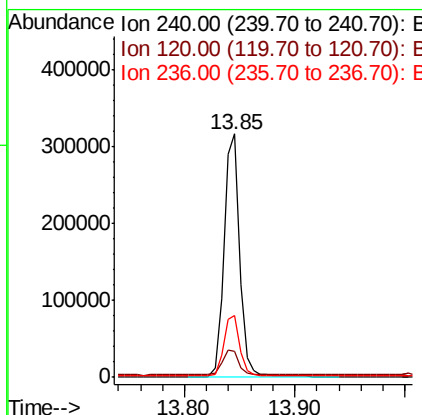
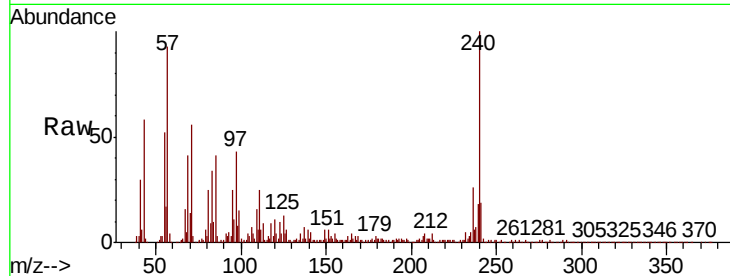
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 1999
 Delta R.T. 0.00 min
 Lab File: BF113348.D
 Acq: 28 Mar 2019 00:34

Instrument :
 BNA_F
 ClientSampleId :
 30035-1

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.8	13.2
236	25.6	20.9	31.3

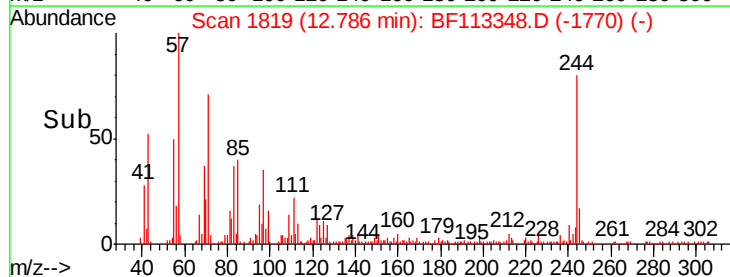
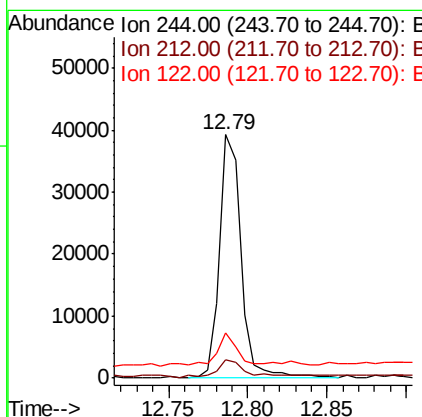
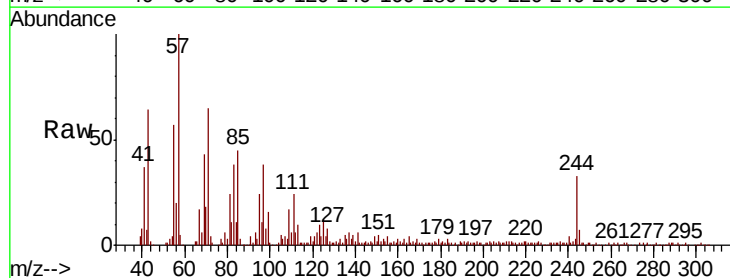
Manual Integrations
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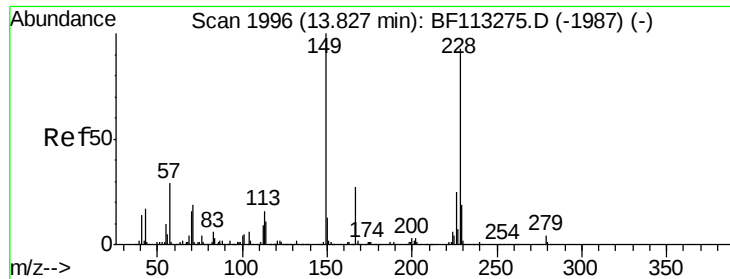
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#79
 Terphenyl-d14
 Concen: 2.617 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BF113348.D
 Acq: 28 Mar 2019 00:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.5	8.3
122	18.6	8.6	13.0#





#84

Bis(2-ethylhexyl)phthalate

Concen: 5.903 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BF113348.D

Acq: 28 Mar 2019 00:34

Instrument :

BNA_F

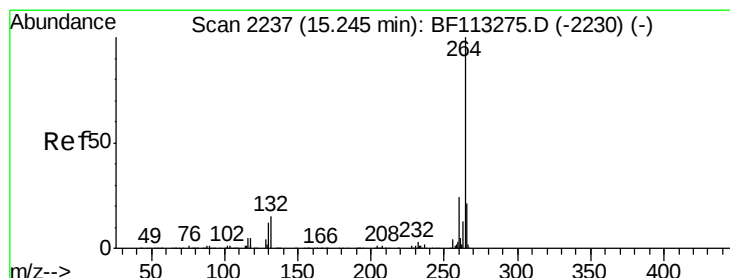
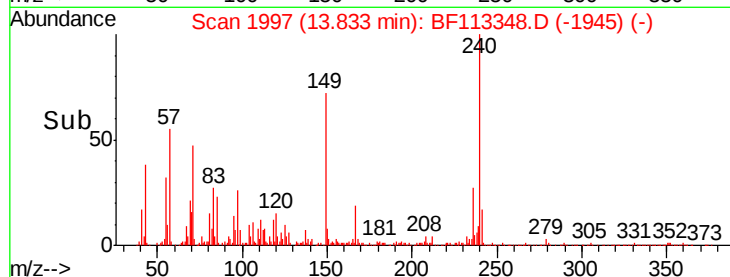
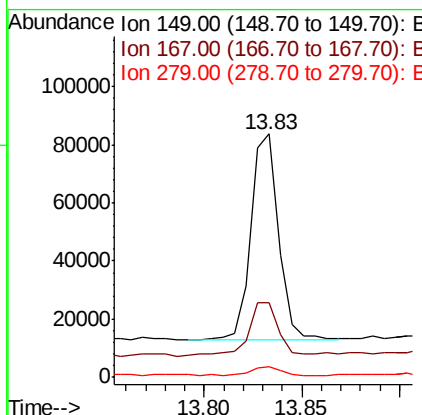
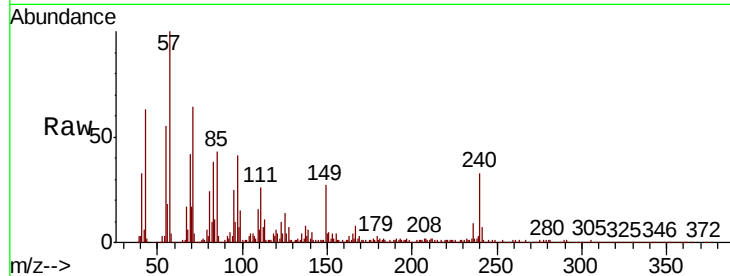
ClientSampled :

30035-1

Tot Ion:	149	Resp:	69373
Ion Ratio	Lower	Upper	
149	100		
167	30.8	21.8	32.8
279	4.1	2.9	4.3

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:33 AM



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.26 min Scan# 2239

Delta R.T. 0.01 min

Lab File: BF113348.D

Acq: 28 Mar 2019 00:34

Tgt Ion:	264	Resp:	260678
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.1	28.7
265	21.6	17.1	25.7

