

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
 Data File : BF110913.D
 Acq On : 21 Nov 2018 1:14
 Operator : JU/SJ
 Sample : J6003-07DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-03R-CDL

Manual Integrations
 APPROVED

Sohil
 11/21/2018 3:18:20 PM

Quant Time: Nov 21 06:04:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	59576	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	217985	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	96402	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	146037	20.00	ng	0.00
76) Chrysene-d12	14.13	240	138088	20.00	ng	0.00
87) Perylene-d12	15.67	264	90600	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	66519	18.14	ng	0.00
7) Phenol-d6	6.57	99	88662	18.90	ng	0.00
23) Nitrobenzene-d5	7.51	82	54045	14.28	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	12895	13.28	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	94293	13.97	ng	0.00
79) Terphenyl-d14	13.06	244	84175	11.42	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.96	142	1167334	174.012	ng	99
38) 1-Methylnaphthalene	9.05	142	694740m	107.686	ng	
58) Fluorene	10.54	166	85011	12.829	ng	# 79
71) Phenanthrene	11.51	178	233741	29.875	ng	# 96
75) Fluoranthene	12.70	202	17612	2.245	ng	94

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

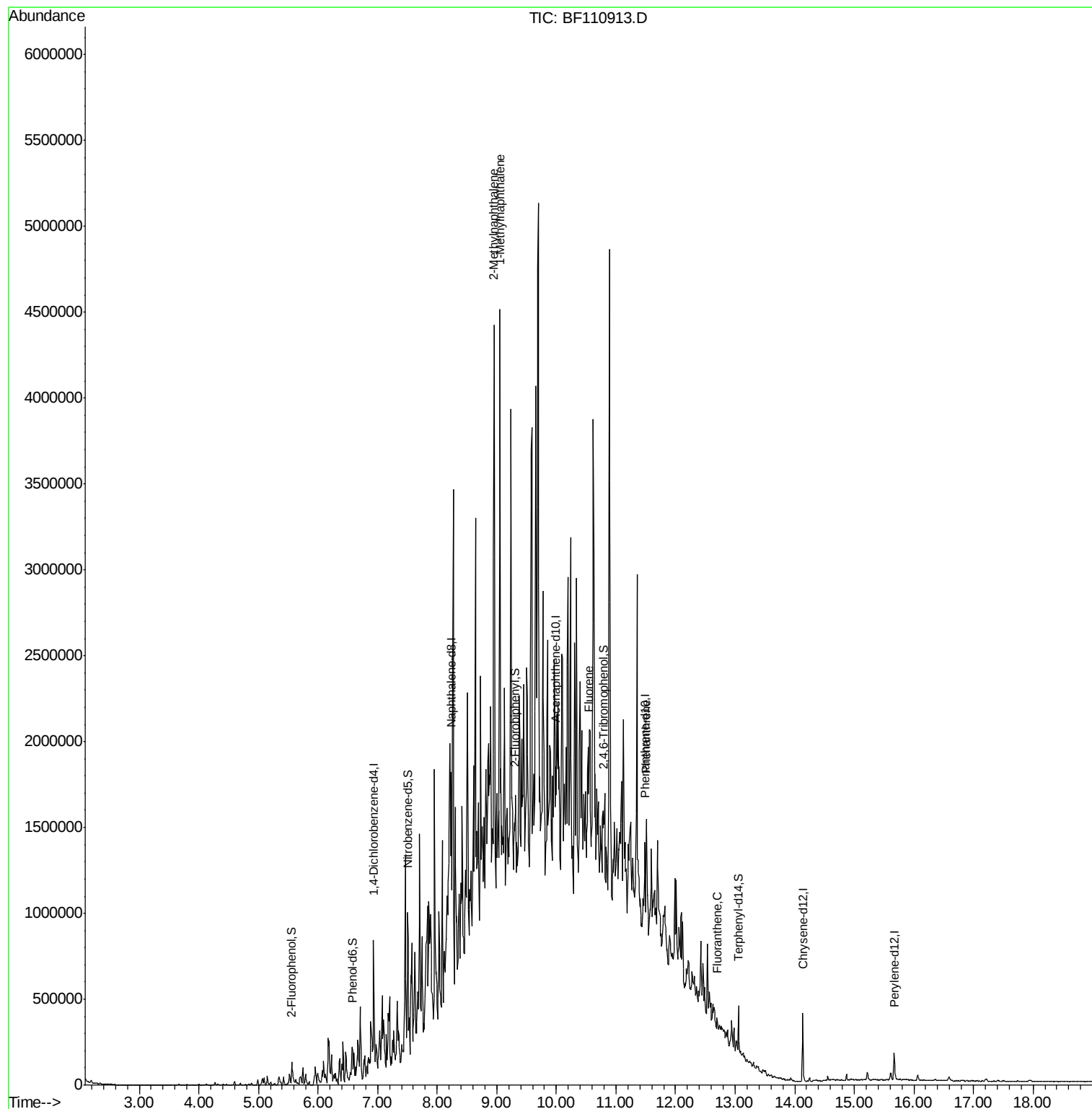
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
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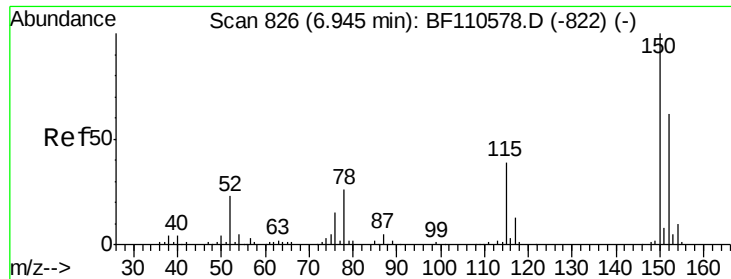
Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-CDL

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#1

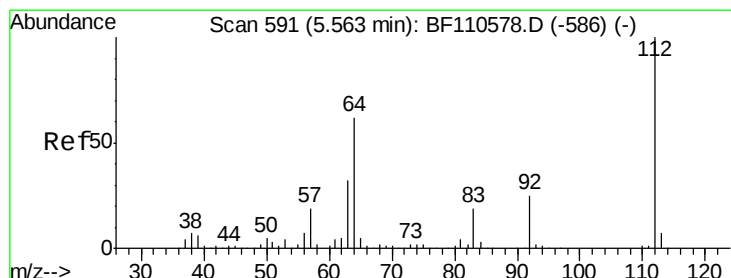
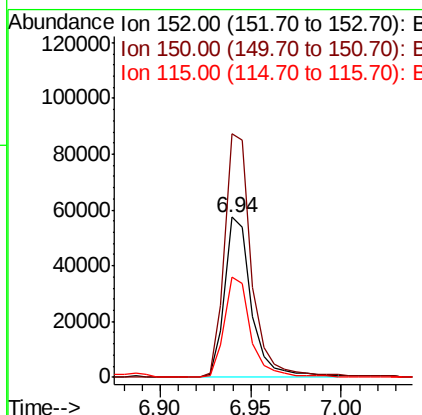
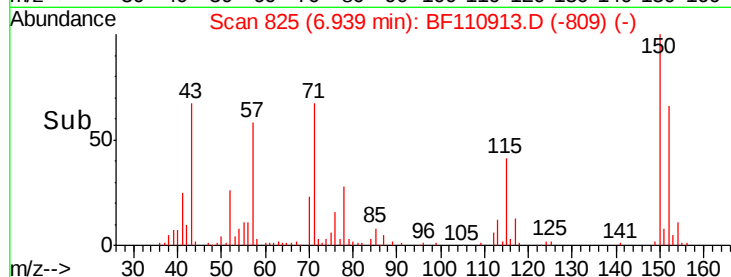
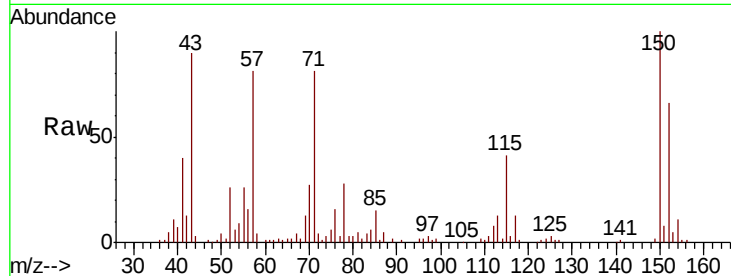
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110913.D
Acq: 21 Nov 2018 1:14

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-CDL

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	122.7	184.1
115	62.5	49.1	73.7

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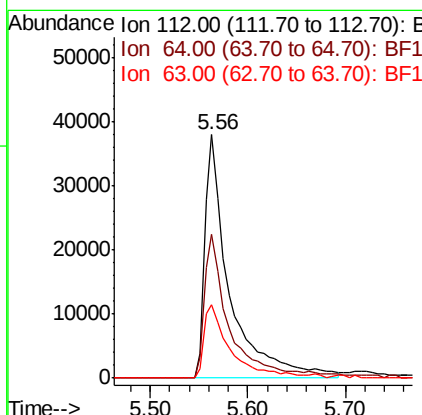
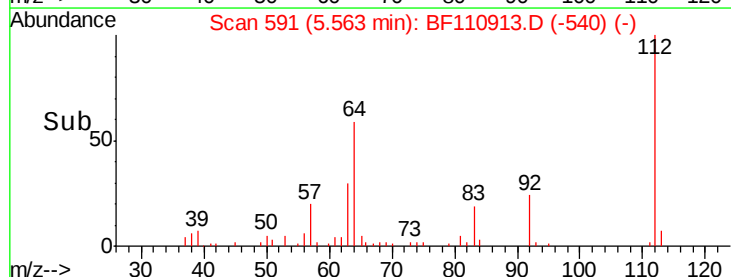
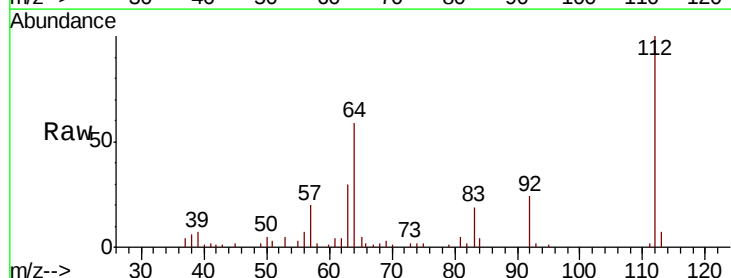
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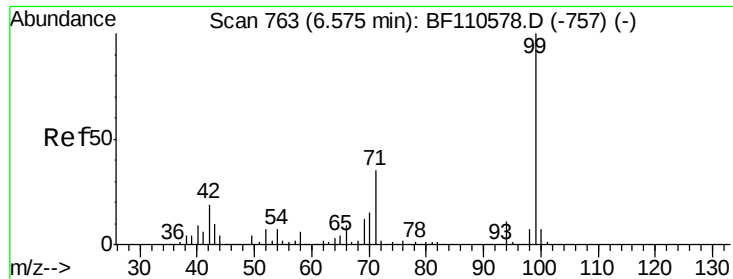


#5

2-Fluorophenol
Concen: 18.136 ng
RT: 5.56 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF110913.D
Acq: 21 Nov 2018 1:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	44.1	66.1
63	30.1	23.7	35.5





#7

Phenol-d6

Concen: 18.904 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110913.D

Acq: 21 Nov 2018 1:14

Instrument :

BNA_F

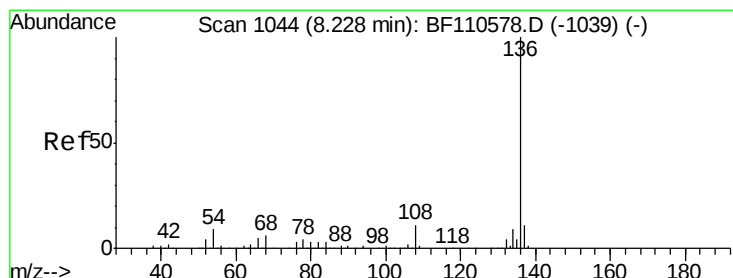
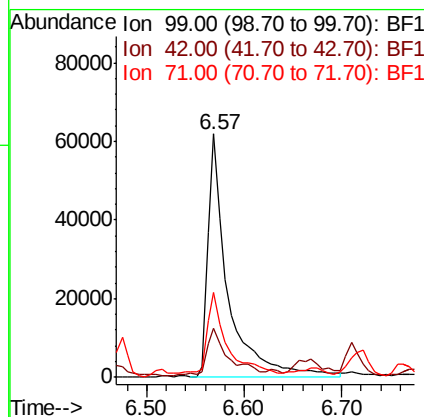
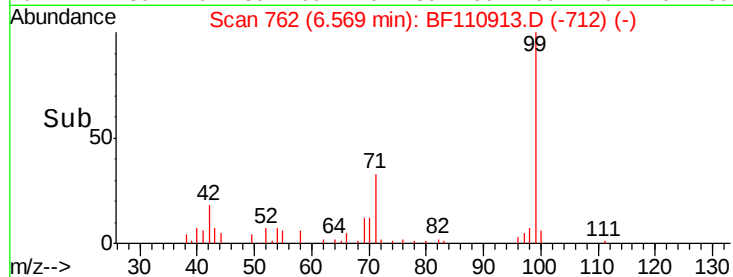
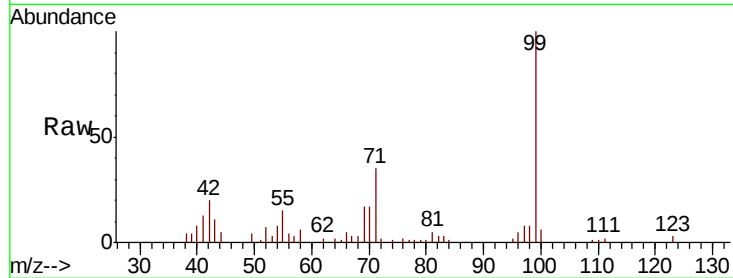
ClientSampleId :

NON-UST-03R-CDL

Tot Ion:	99	Resp:	88662
Ion Ratio	Lower	Upper	
99	100		
42	20.0	15.8	23.6
71	34.7	28.0	42.0

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#21

Naphthalene-d8

Concen: 20.000 ng

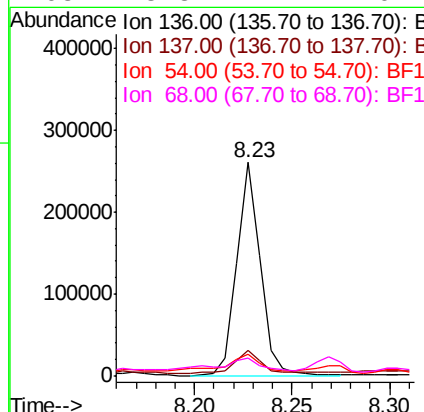
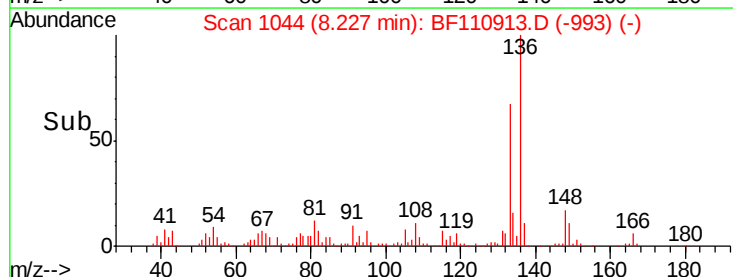
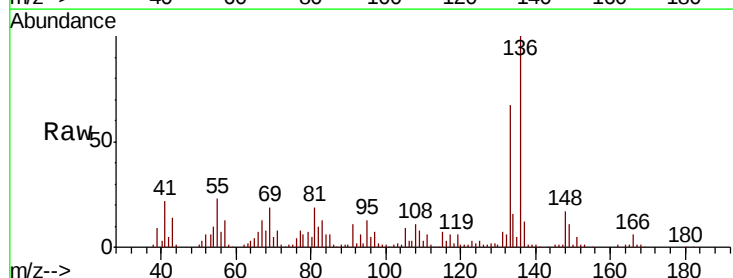
RT: 8.23 min Scan# 1044

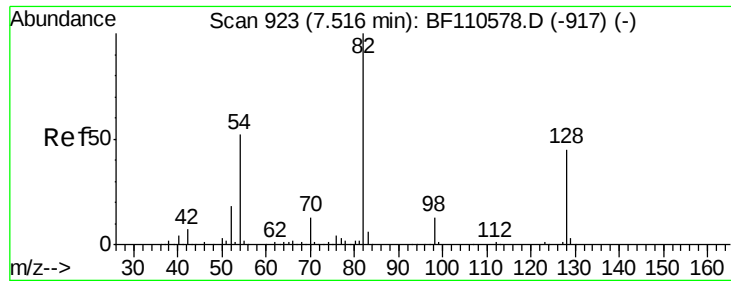
Delta R.T. -0.00 min

Lab File: BF110913.D

Acq: 21 Nov 2018 1:14

Tgt Ion:	136	Resp:	217985
Ion Ratio	Lower	Upper	
136	100		
137	11.8	8.8	13.2
54	10.5	5.4	8.2#
68	8.3	4.2	6.2#





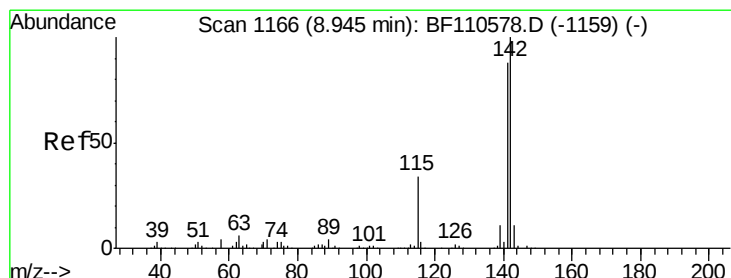
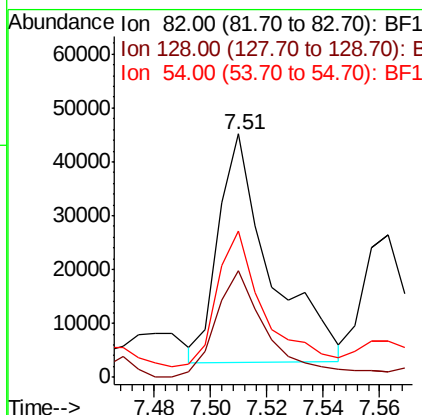
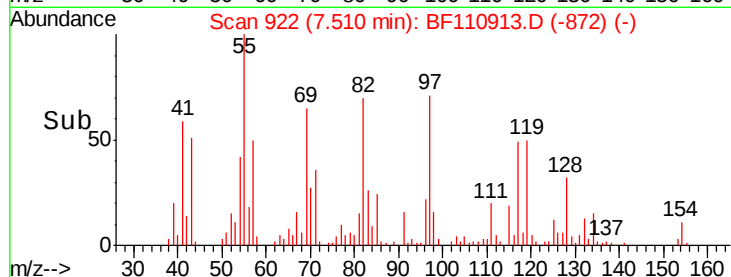
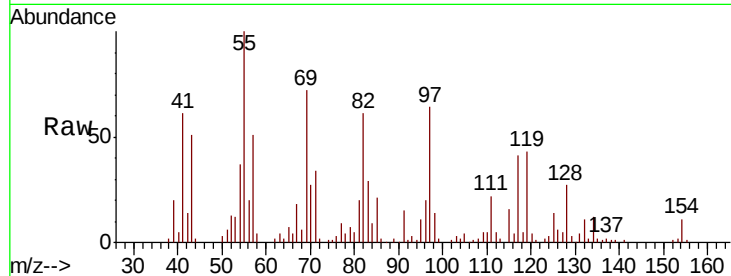
#23
Nitrobenzene-d5
Concen: 14.278 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110913.D
Acq: 21 Nov 2018 1:14

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-CDL

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.2	51.2
54	60.0	38.6	58.0

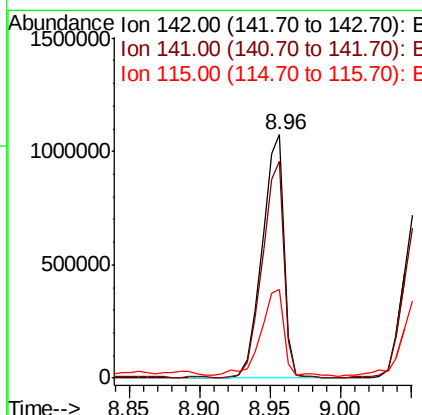
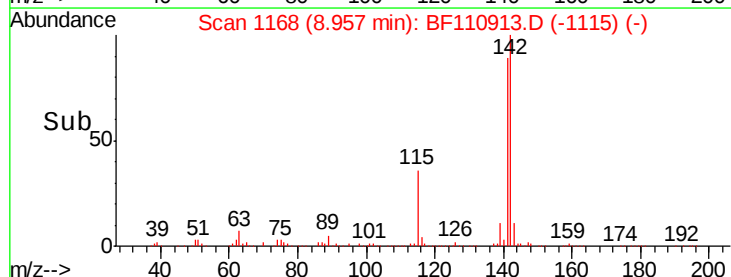
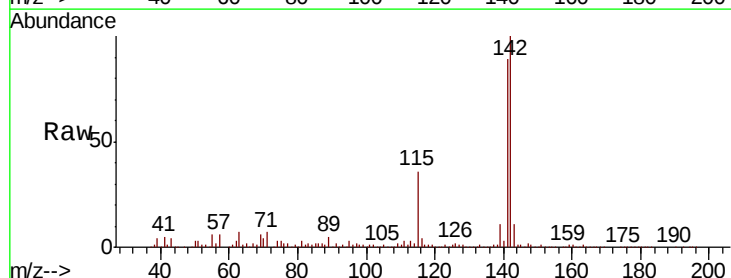
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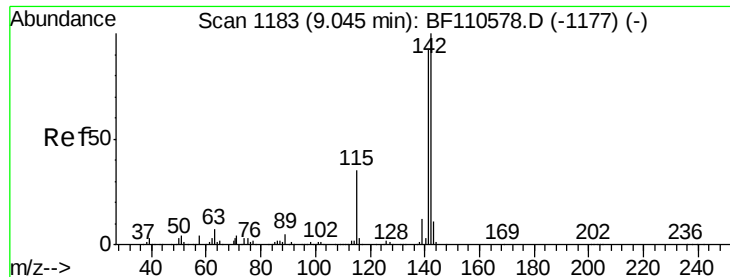
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#37
2-Methylnaphthalene
Concen: 174.012 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.01 min
Lab File: BF110913.D
Acq: 21 Nov 2018 1:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.4	107.2
115	36.3	28.7	43.1





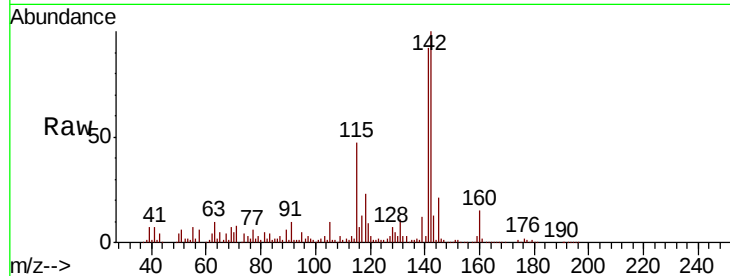
#38
1-Methylnaphthalene
Concen: 107.686 ng m
RT: 9.05 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BF110913.D
Acq: 21 Nov 2018 1:14

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-CDL

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.2	111.4
116	7.1	2.6	4.0#

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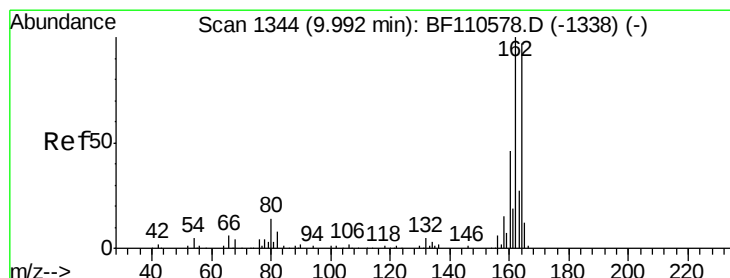
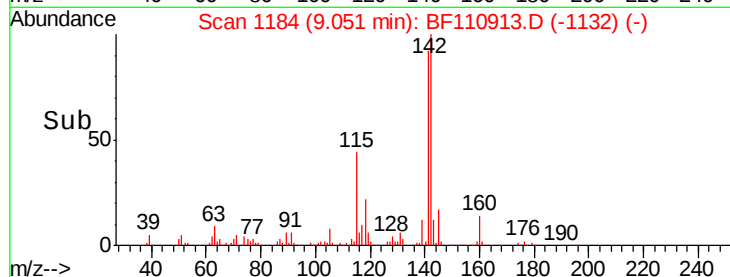
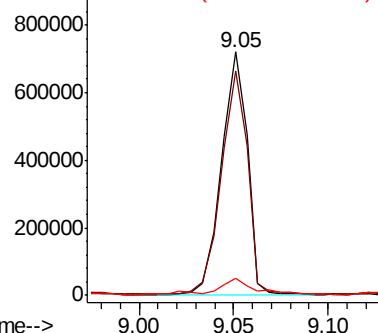


Abundance

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: 9.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BF110913.D
Acq: 21 Nov 2018 1:14

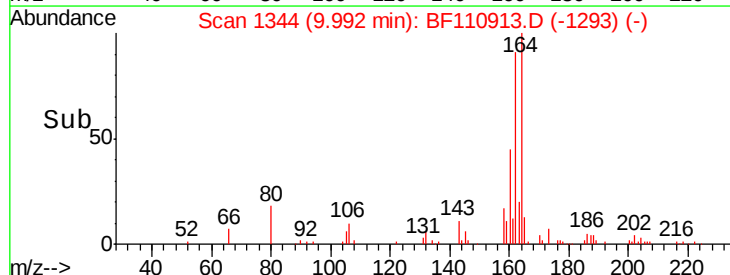
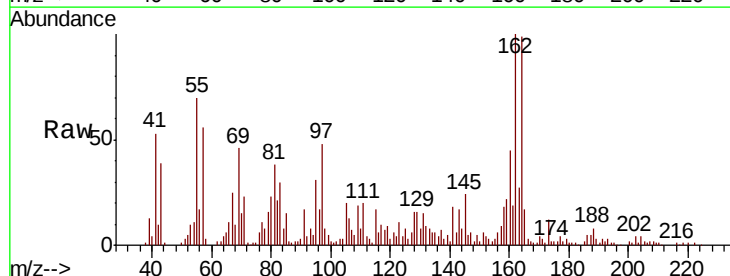
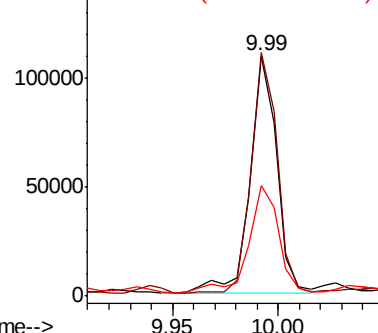
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	83.0	124.6
160	46.1	37.0	55.6

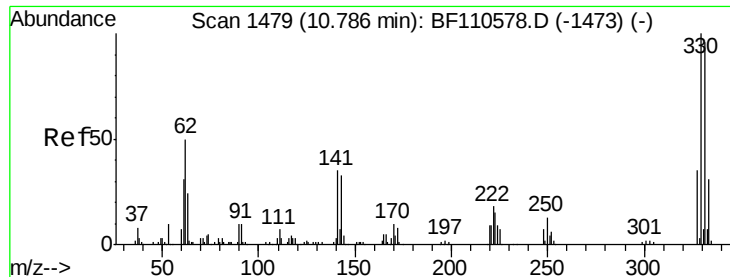
Abundance

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





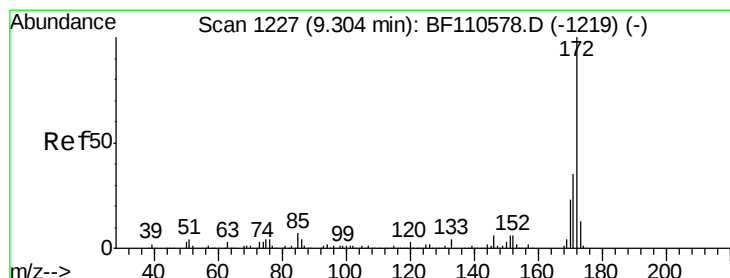
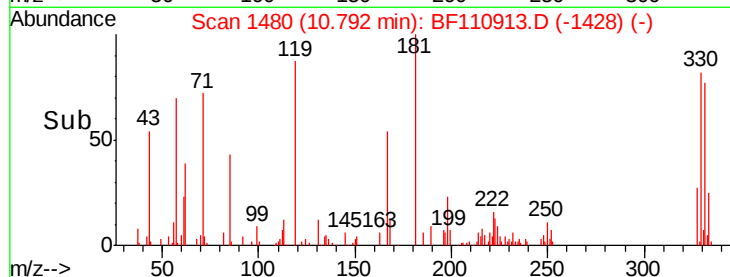
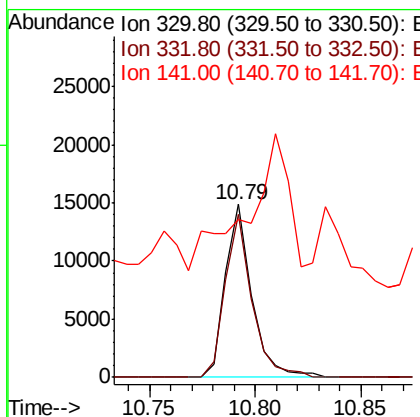
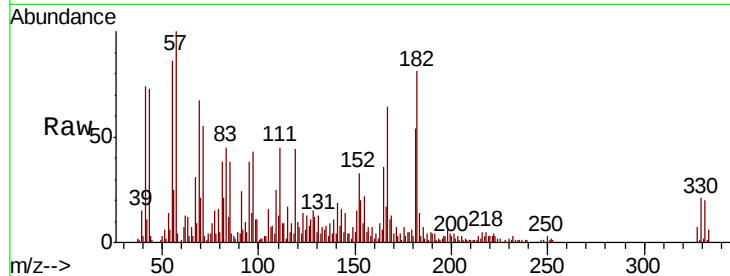
#42
 2,4,6-Tribromophenol
 Concen: 13.275 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.01 min
 Lab File: BF110913.D
 Acq: 21 Nov 2018 1:14

Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-03R-CDL

Tot Ion	Ratio	Resp	Lower	Upper
330	100	12895		
332	94.8		77.1	115.7
141	123.0		27.0	40.4#

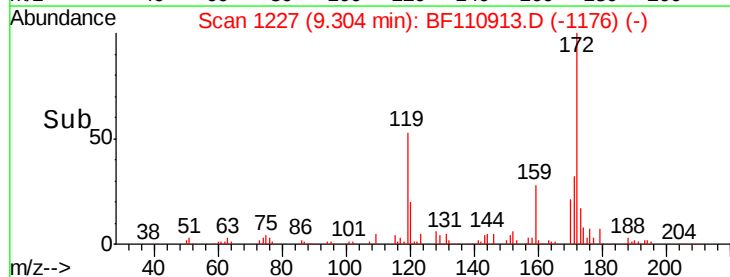
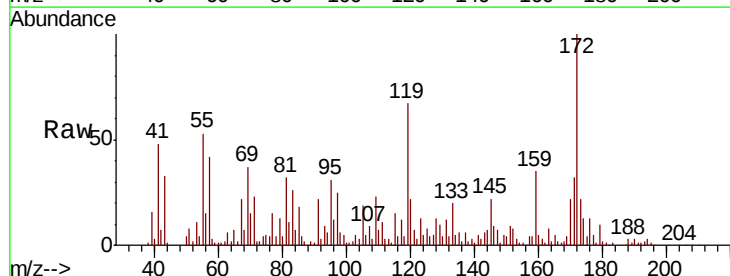
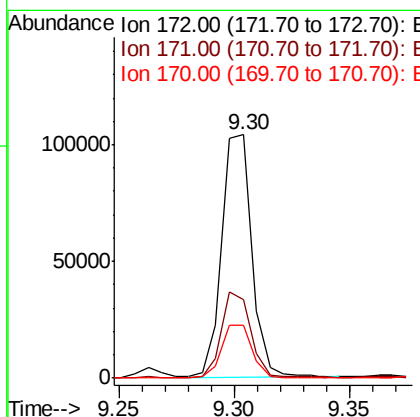
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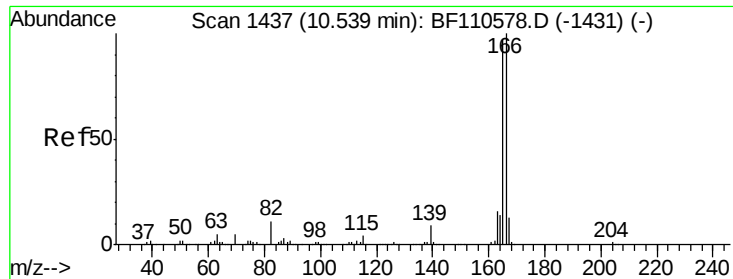
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#45
 2-Fluorobiphenyl
 Concen: 13.969 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF110913.D
 Acq: 21 Nov 2018 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	94293		
171	32.4		28.6	43.0
170	21.8		19.7	29.5





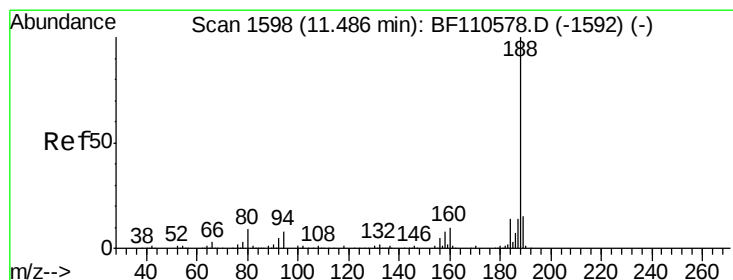
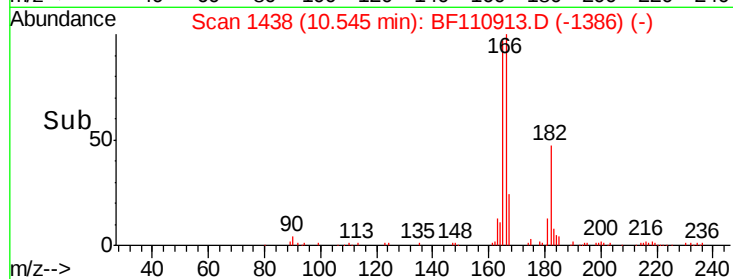
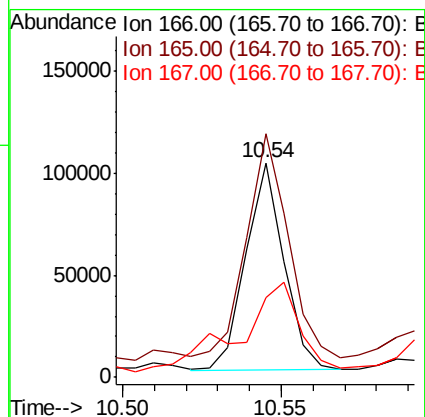
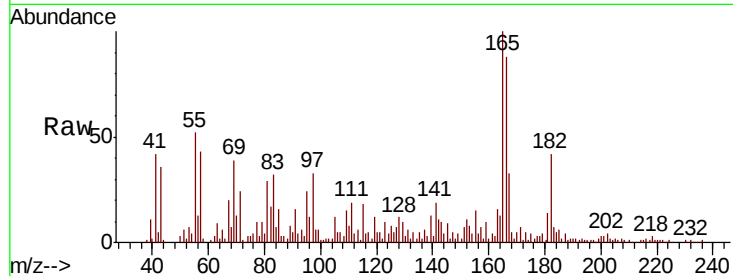
#58
 Fluorene
 Concen: 12.829 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. 0.01 min
 Lab File: BF110913.D
 Acq: 21 Nov 2018 1:14

Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-03R-CDL

Tot Ion	Ratio	Lower	Upper
166	100		
165	113.7	78.6	117.8
167	37.2	10.8	16.2#

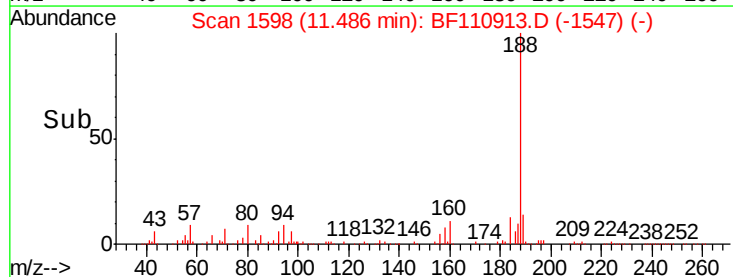
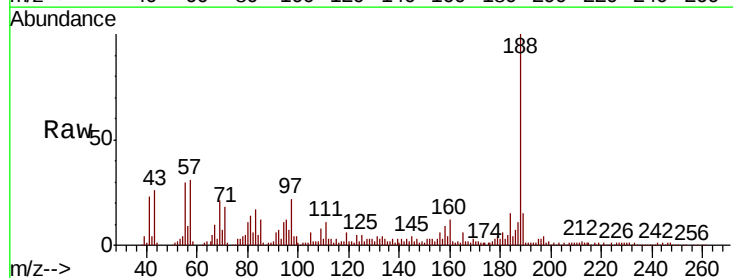
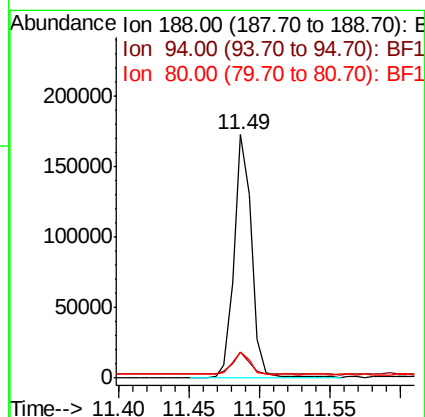
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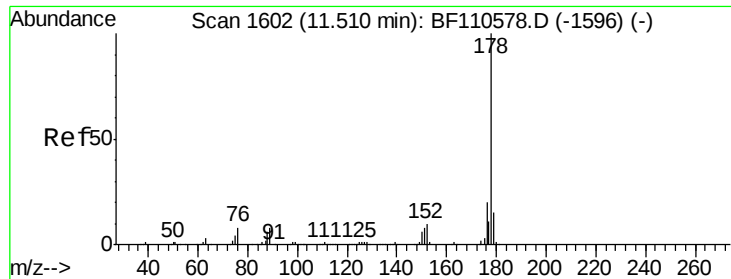
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF110913.D
 Acq: 21 Nov 2018 1:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	7.2	10.8#
80	10.7	7.9	11.9





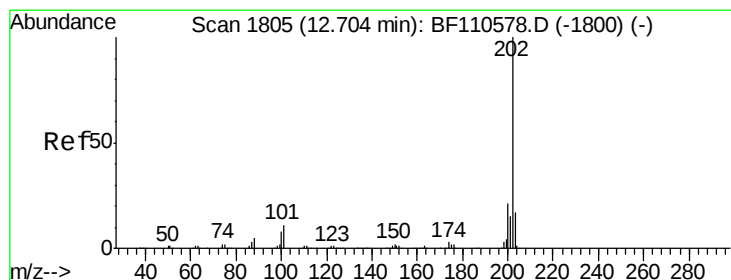
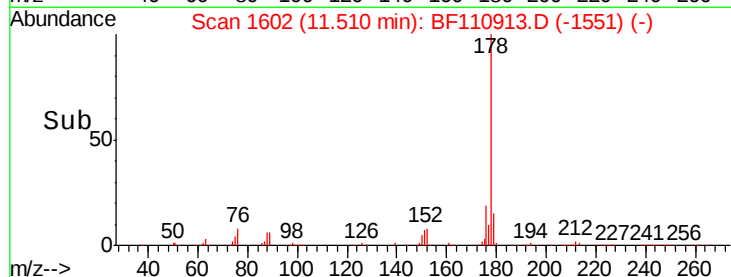
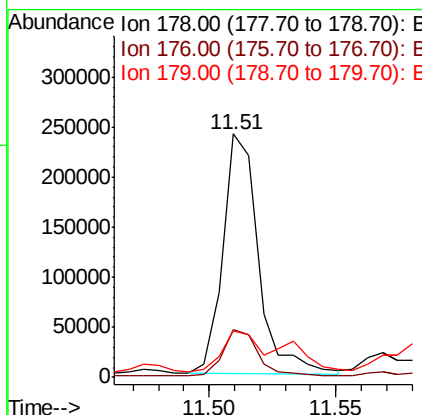
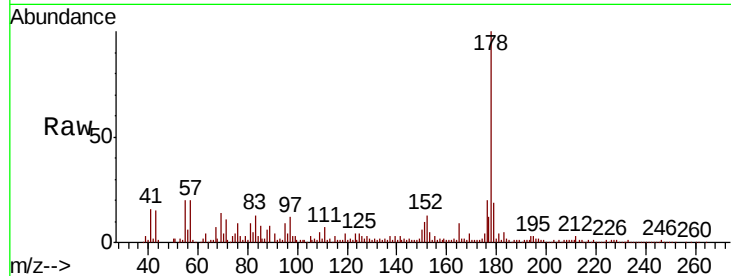
#71
Phenanthrene
Concen: 29.875 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF110913.D
Acq: 21 Nov 2018 1:14

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-CDL

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	19.2	12.5	18.7

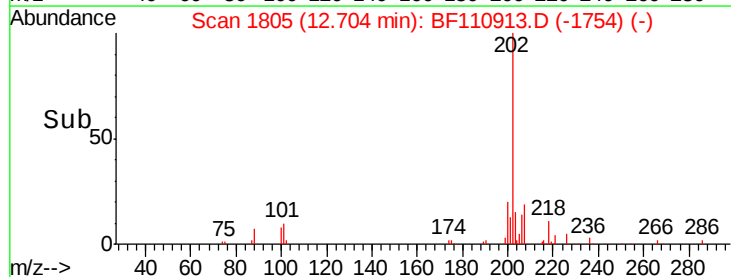
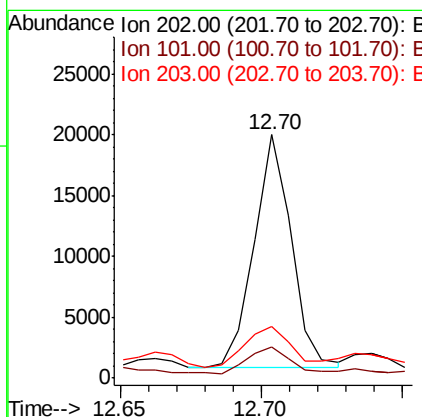
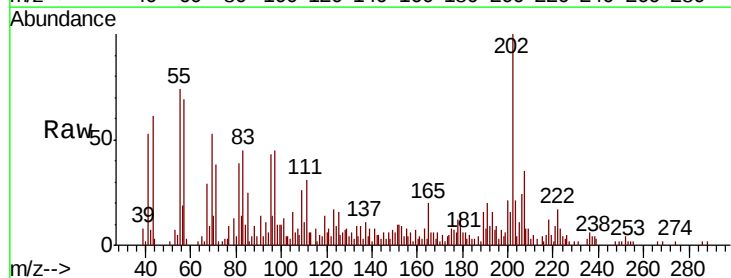
Manual Integrations
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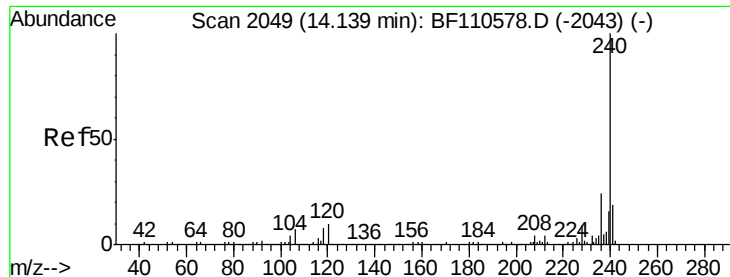
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#75
Fluoranthene
Concen: 2.245 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BF110913.D
Acq: 21 Nov 2018 1:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	31.4
203	21.0	0.0	37.7





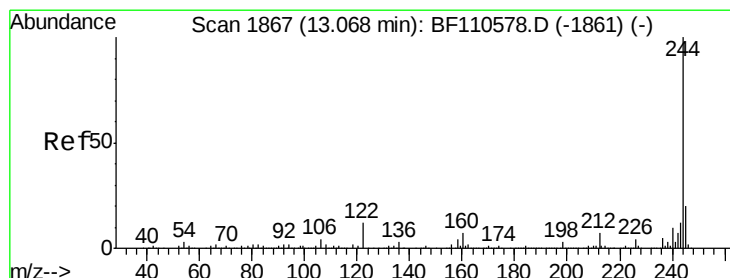
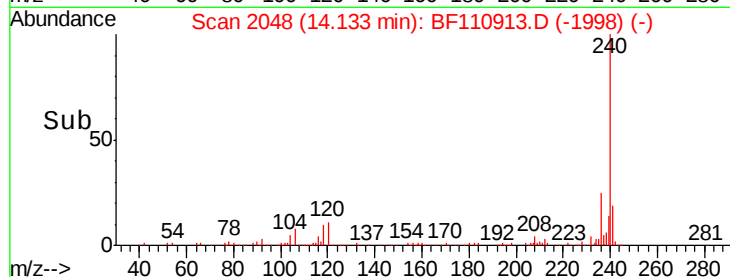
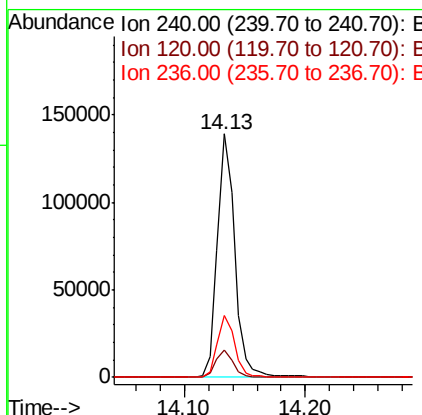
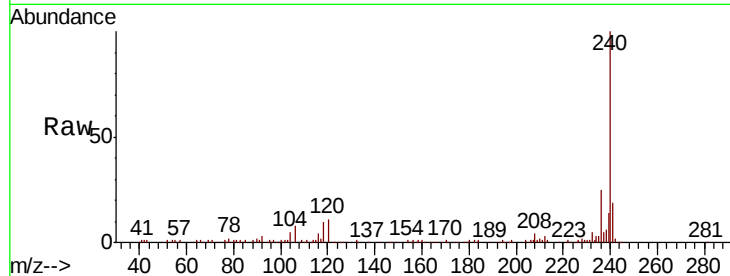
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110913.D
 Acq: 21 Nov 2018 1:14

Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-03R-CDL

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.3	12.5
236	25.2	21.2	31.8

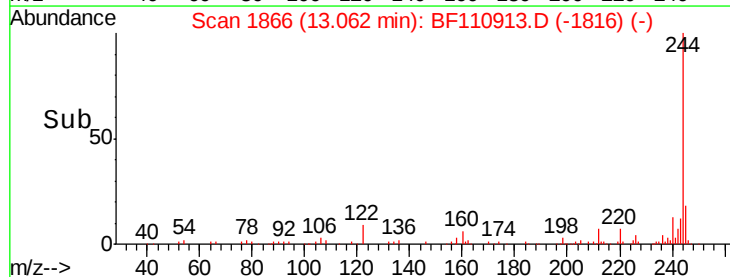
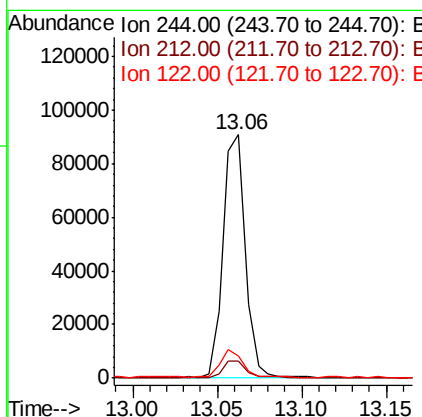
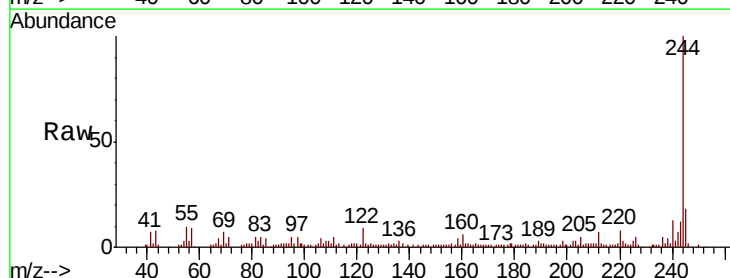
Manual Integrations
 APPROVED

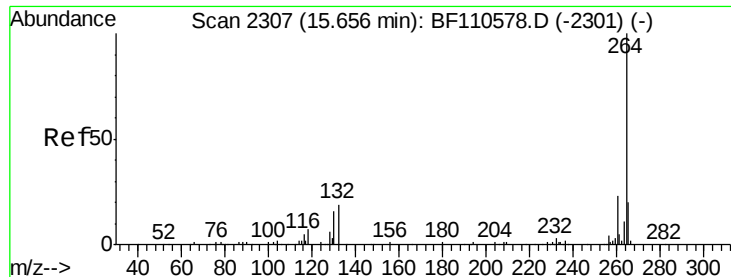
Sohil
 11/21/2018 3:18:20 PM



#79
 Terphenyl-d14
 Concen: 11.416 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110913.D
 Acq: 21 Nov 2018 1:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	9.3	8.7	13.1





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. 0.01 min
 Lab File: BF110913.D
 Acq: 21 Nov 2018 1:14

Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-03R-CDL

Tot Ion:	264	Resp:	90600
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.7	28.1
265	21.7	16.7	25.1

Manual Integrations
 APPROVED

Sohil
 11/21/2018 3:18:20 PM

