

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
 Data File : BF111782.D
 Acq On : 28 Dec 2018 1:04
 Operator : JU/SJ
 Sample : J6426-10DL 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS013A-2430-01DL

Manual Integrations
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Sohil
 12/28/2018 10:37:38 AM

Quant Time: Dec 28 07:47:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	117480	20.00	ng	0.01
21) Naphthalene-d8	8.19	136	400290	20.00	ng	0.01
39) Acenaphthene-d10	9.95	164	177582	20.00	ng	0.01
64) Phenanthrene-d10	11.43	188	292820	20.00	ng	0.02
76) Chrysene-d12	14.07	240	251119	20.00	ng	0.02
87) Perylene-d12	15.56	264	195113	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	40053	5.81	ng	0.02
7) Phenol-d6	6.54	99	40518	4.62	ng	0.02
23) Nitrobenzene-d5	7.46	82	78471	11.41	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	19921	9.49	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	114034	9.36	ng	0.00
79) Terphenyl-d14	13.02	244	103776	7.84	ng	0.02
Target Compounds						
12) 1,3-Dichlorobenzene	6.85	146	23693	2.678	ng	99
13) 1,4-Dichlorobenzene	6.93	146	146004	16.271	ng	96
14) 1,2-Dichlorobenzene	7.08	146	52260	6.242	ng	95
30) 1,2,4-Trichlorobenzene	8.13	180	682400	98.802	ng	98
31) Naphthalene	8.22	128	705689	36.691	ng	97
37) 2-Methylnaphthalene	8.90	142	427725	34.182	ng	99
38) 1-Methylnaphthalene	9.00	142	247860m	20.624	ng	
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	72610	12.443	ng	# 93
46) 1,1'-Biphenyl	9.36	154	116450	7.768	ng	94
71) Phenanthrene	11.46	178	165877	10.682	ng	94
84) Bis(2-ethylhexyl)phthalate	14.05	149	269071	29.551	ng	# 98

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

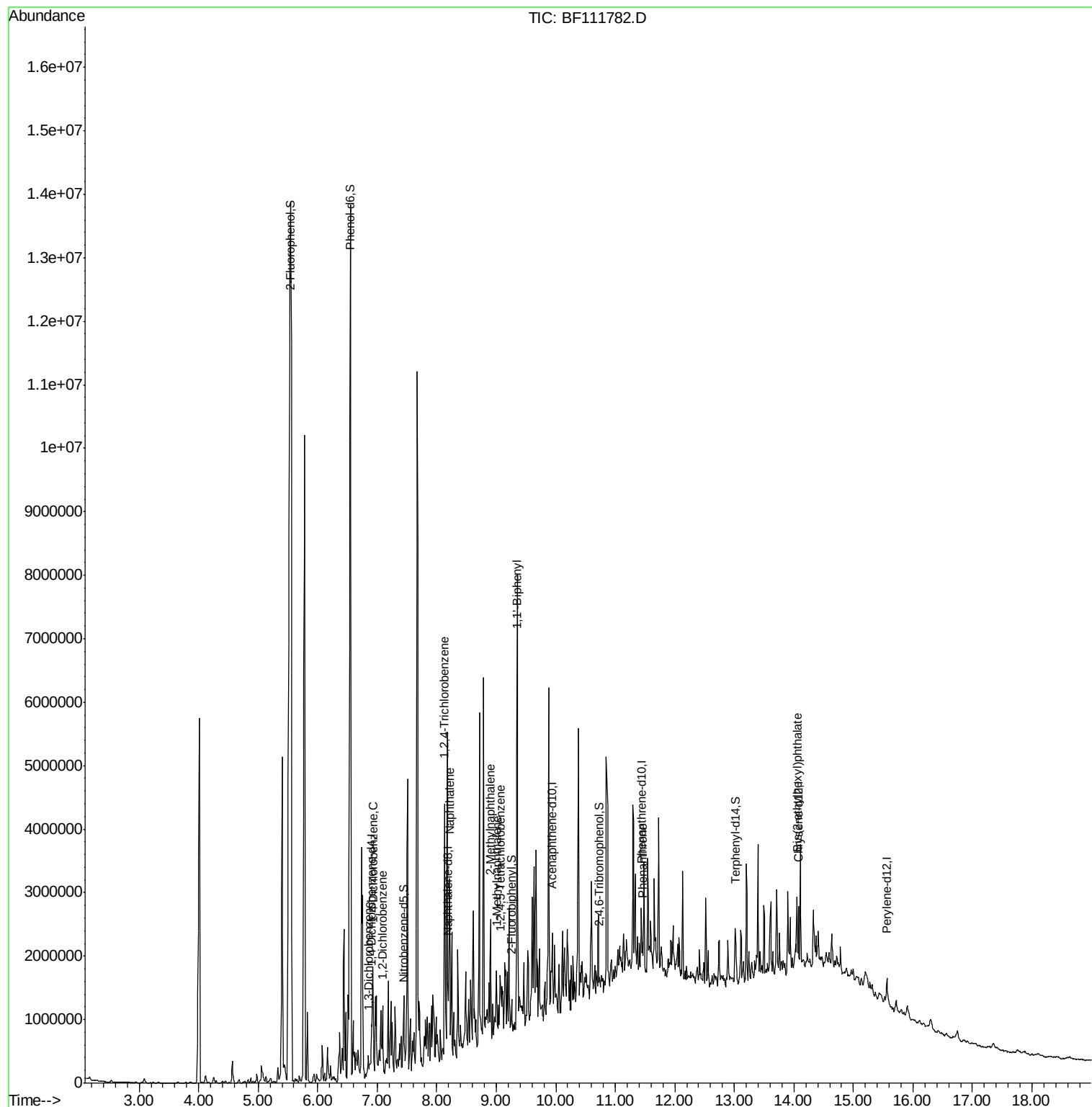
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
Data File : BF111782.D
Acq On : 28 Dec 2018 1:04
Operator : JU/SJ
Sample : J6426-10DL 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

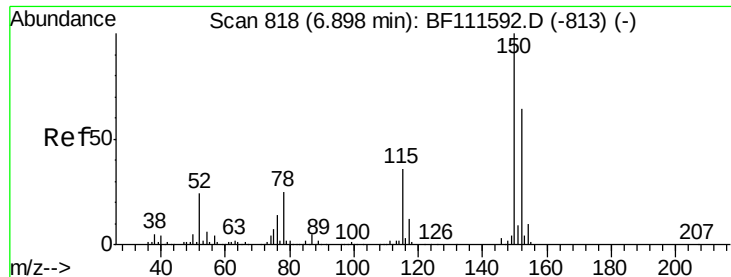
Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01DL

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

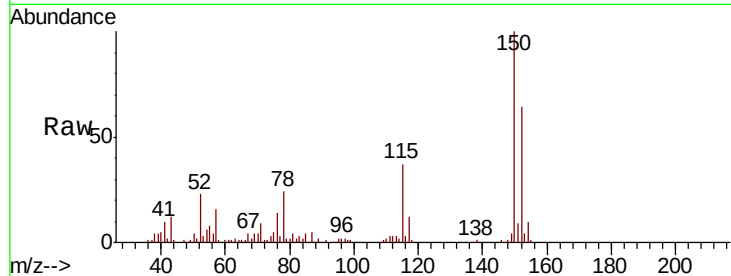
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.6	189.8
115	57.0	50.7	76.1

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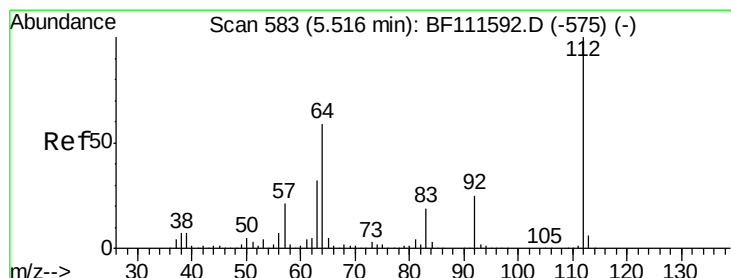
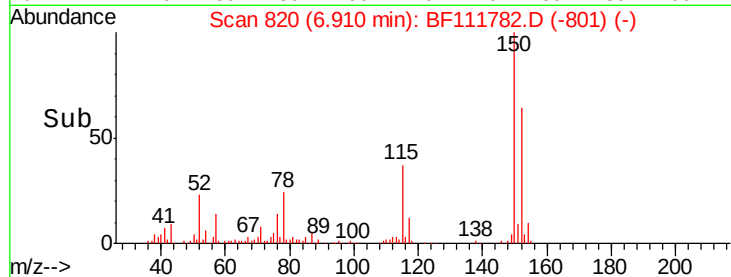
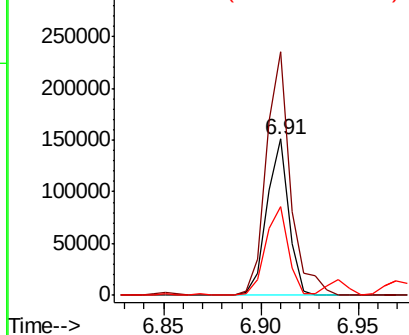


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

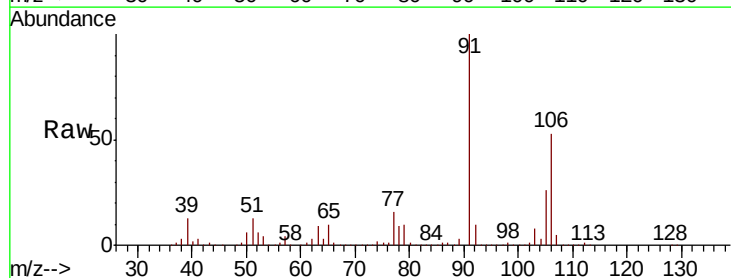
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 5.811 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	190.3	51.8	77.6#
63	651.1	26.8	40.2#

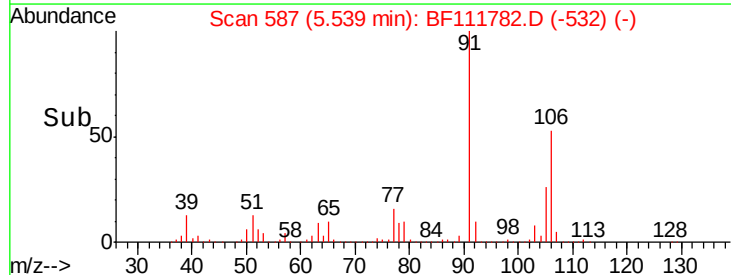
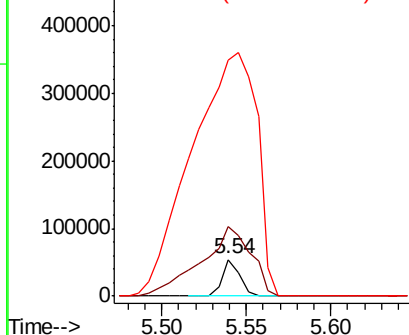


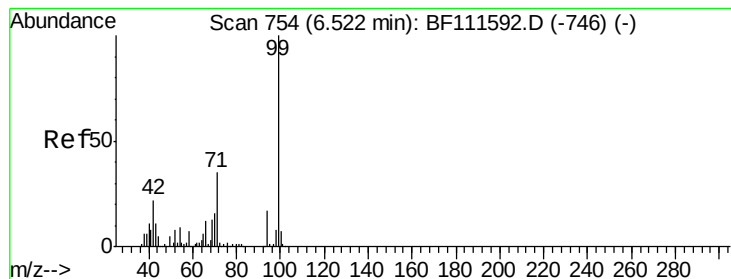
Abundance

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: 4.619 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111782.D

Acq: 28 Dec 2018 1:04

Instrument :

BNA_F

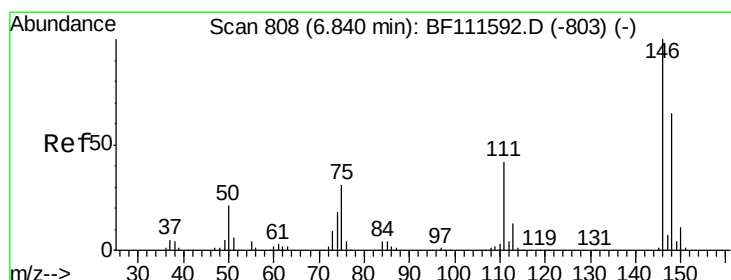
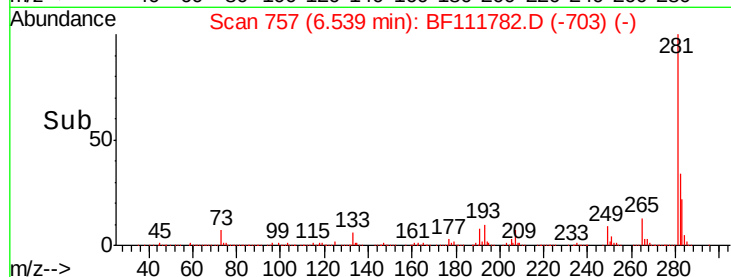
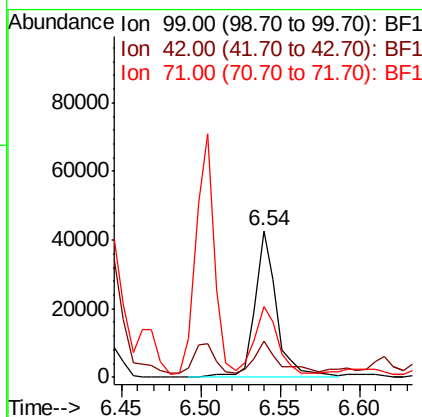
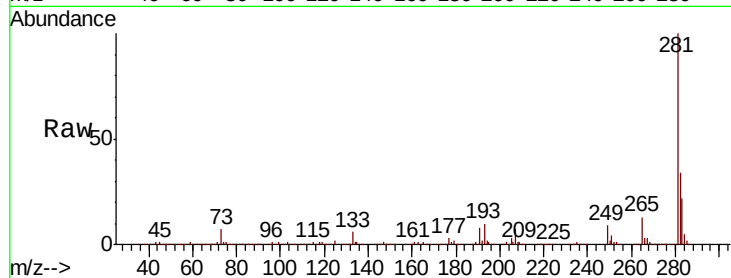
ClientSampleId :

P001-SS013A-2430-01DL

Tot Ion:	99	Resp:	40518
Ion Ratio	Lower	Upper	
99	100		
42	25.0	17.4	26.0
71	48.0	26.1	39.1#

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#12

1,3-Dichlorobenzene

Concen: 2.678 ng

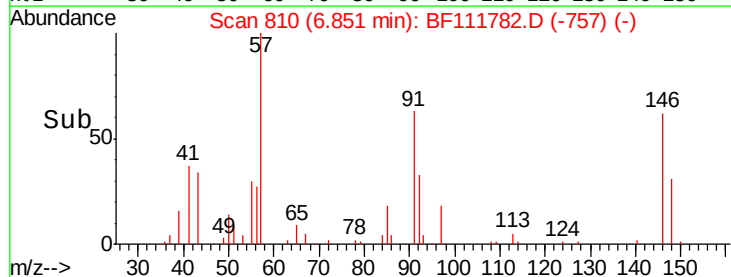
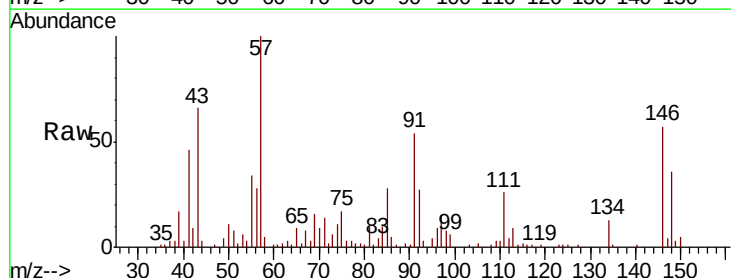
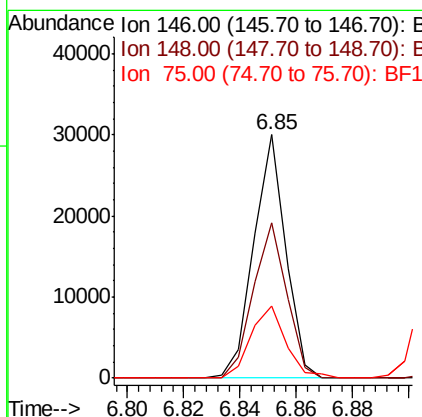
RT: 6.85 min Scan# 810

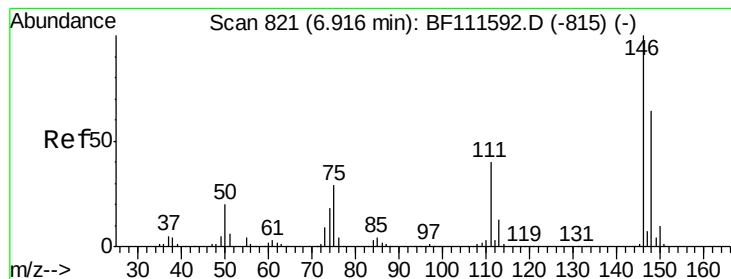
Delta R.T. 0.01 min

Lab File: BF111782.D

Acq: 28 Dec 2018 1:04

Tgt Ion:	146	Resp:	23693
Ion Ratio	Lower	Upper	
146	100		
148	63.7	52.1	78.1
75	29.5	23.9	35.9





#13

1,4-Dichlorobenzene

Concen: 16.271 ng

RT: 6.93 min Scan# 823

Delta R.T. 0.01 min

Lab File: BF111782.D

Acq: 28 Dec 2018 1:04

Instrument :

BNA_F

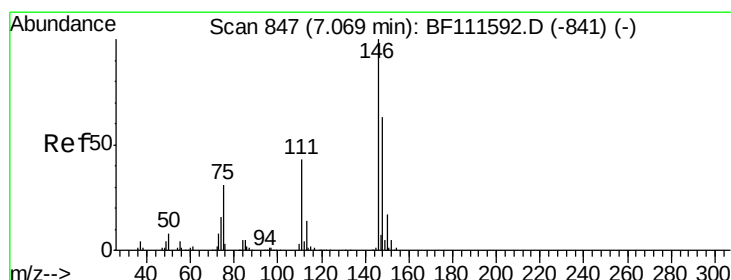
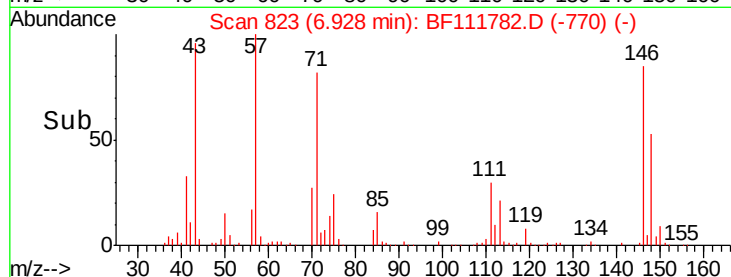
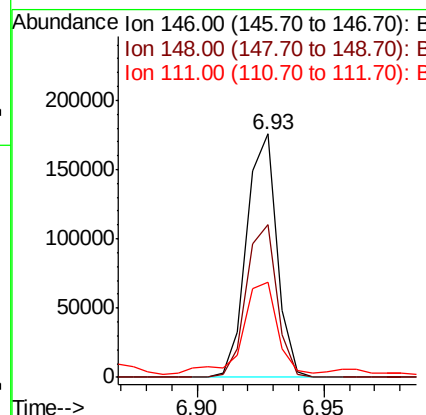
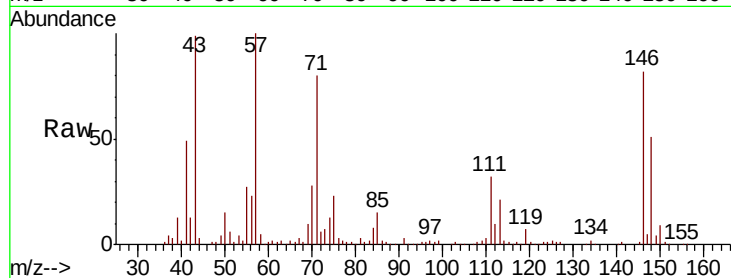
ClientSampleID :

P001-SS013A-2430-01DL

Tot Ion:	146	Resp:	146004
Ion Ratio	Lower	Upper	
146	100		
148	62.7	52.8	79.2
111	39.1	33.4	50.0

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#14

1,2-Dichlorobenzene

Concen: 6.242 ng

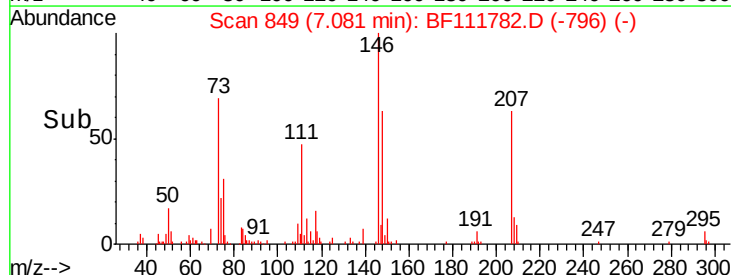
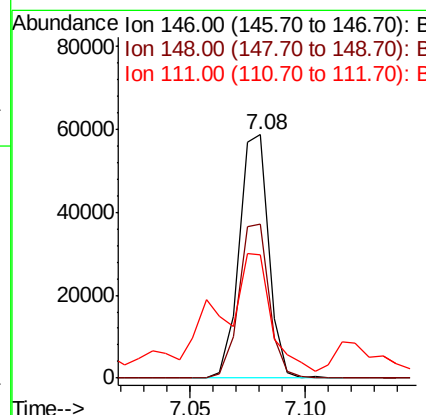
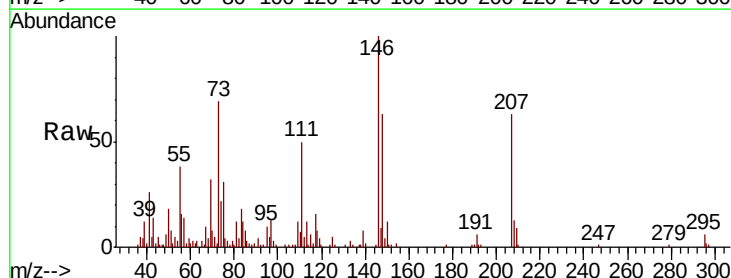
RT: 7.08 min Scan# 849

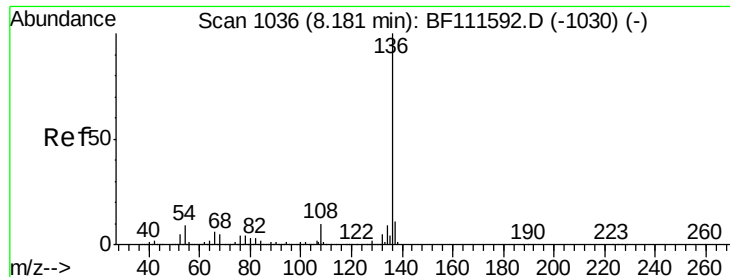
Delta R.T. 0.01 min

Lab File: BF111782.D

Acq: 28 Dec 2018 1:04

Tgt Ion:	146	Resp:	52260
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.9	77.9
111	50.5	36.2	54.4





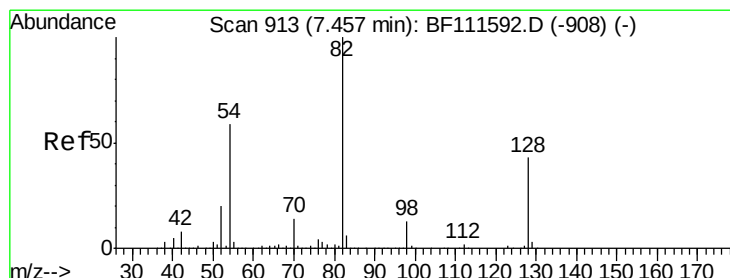
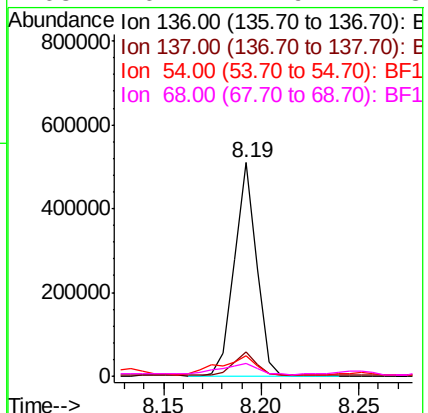
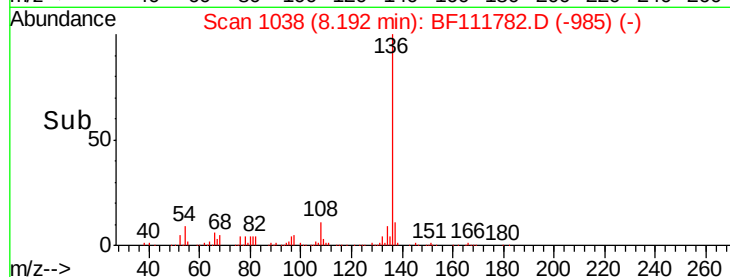
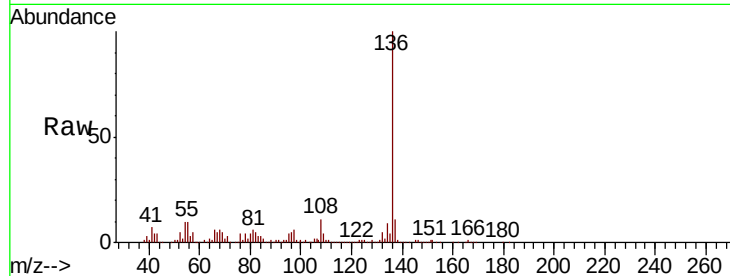
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		400290		
137	11.4	9.1	13.7		
54	9.6	7.7	11.5		
68	6.1	4.9	7.3		

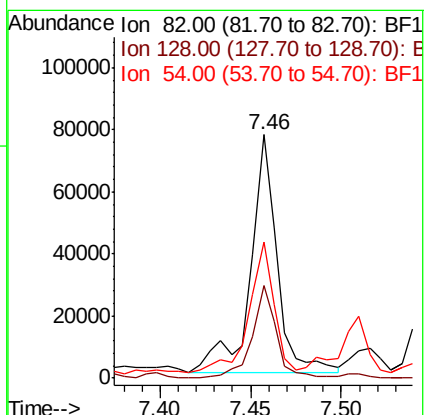
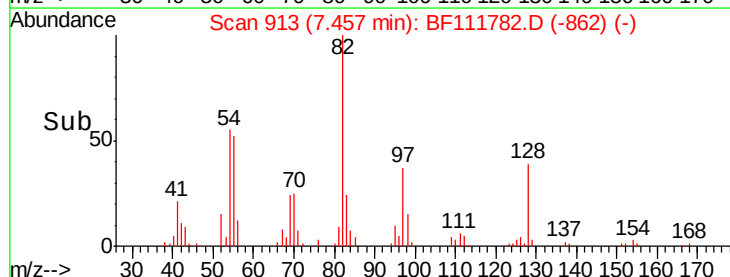
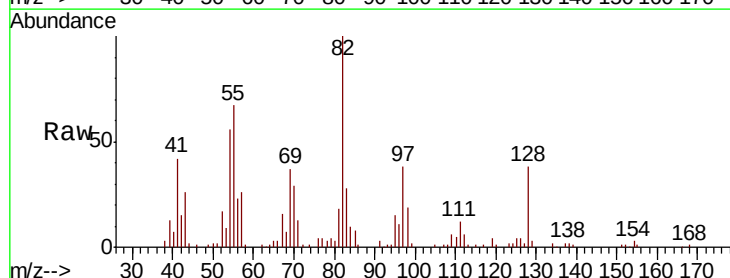
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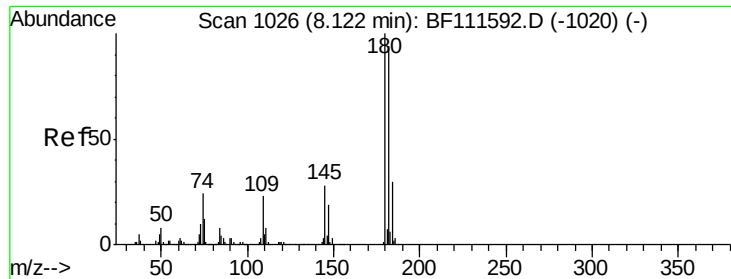
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#23
Nitrobenzene-d5
Concen: 11.411 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		78471		
128	37.8	37.4	56.2		
54	56.1	47.6	71.4		





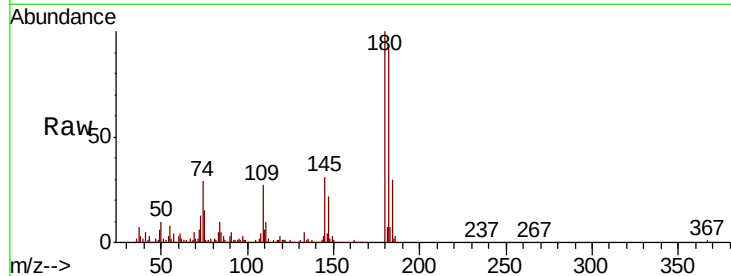
#30
 1,2,4-Trichlorobenzene
 Concen: 98.802 ng
 RT: 8.13 min Scan# 1028
 Delta R.T. 0.01 min
 Lab File: BF111782.D
 Acq: 28 Dec 2018 1:04

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS013A-2430-01DL

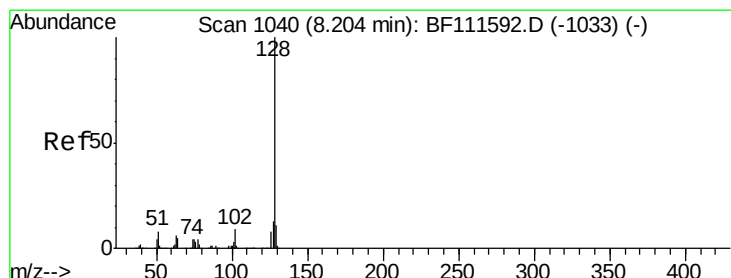
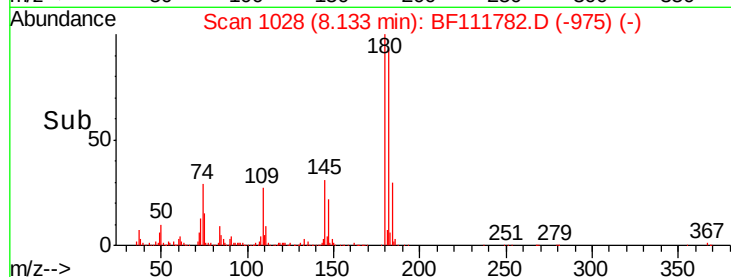
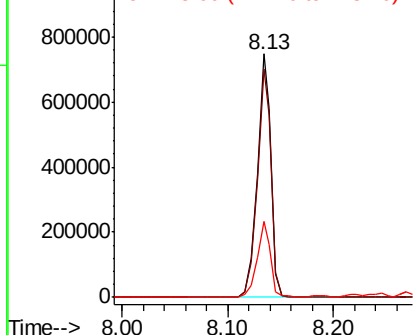
Tot Ion:	180	Resp:	682400
Ion Ratio	Lower	Upper	
180	100		
182	93.5	75.6	113.4
145	31.4	26.7	40.1

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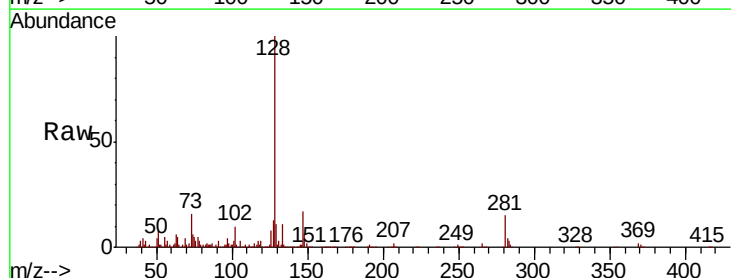


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

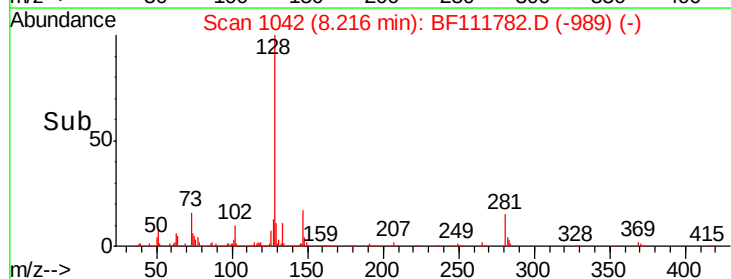
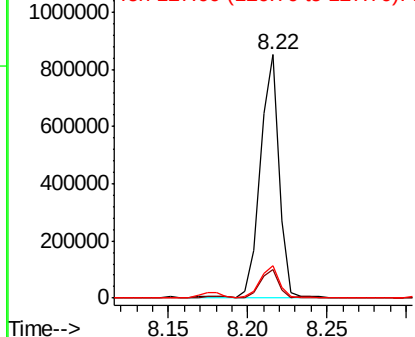


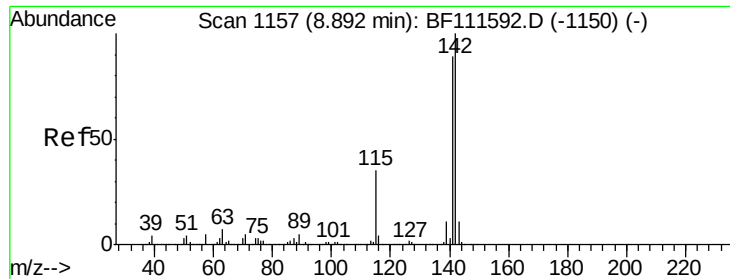
#31
 Naphthalene
 Concen: 36.691 ng
 RT: 8.22 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BF111782.D
 Acq: 28 Dec 2018 1:04

Tgt Ion:	128	Resp:	705689
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.8	14.8
127	13.2	12.0	18.0



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





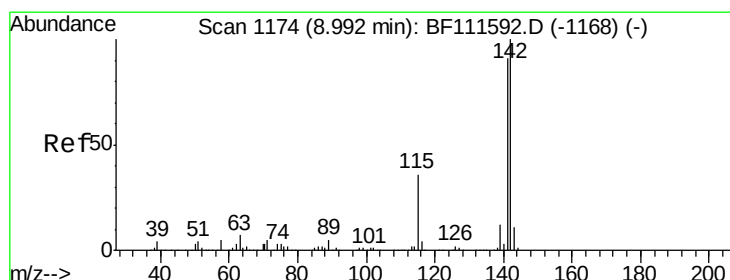
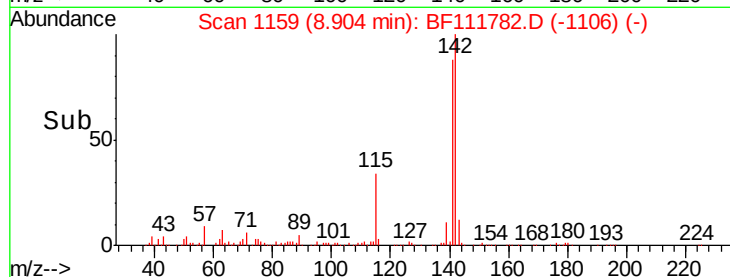
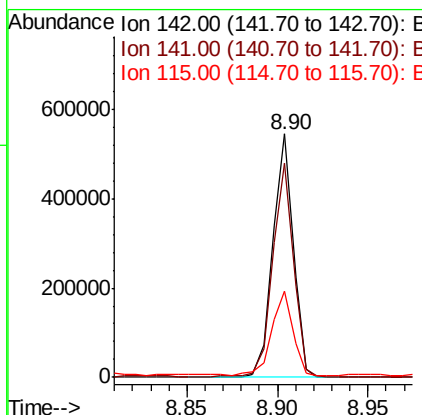
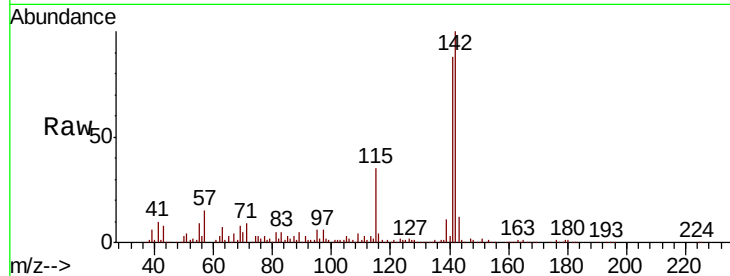
#37
 2-Methylnaphthalene
 Concen: 34.182 ng
 RT: 8.90 min Scan# 1159
 Delta R.T. 0.01 min
 Lab File: BF111782.D
 Acq: 28 Dec 2018 1:04

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS013A-2430-01DL

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.6	105.8
115	35.2	27.0	40.6

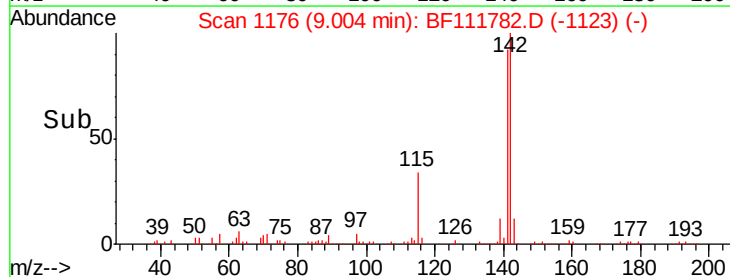
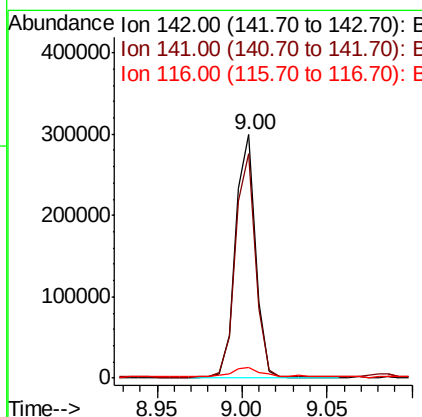
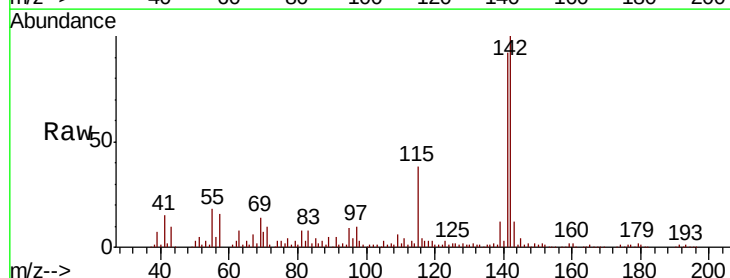
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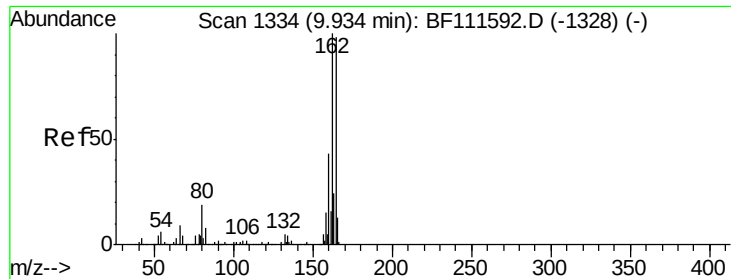
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#38
 1-Methylnaphthalene
 Concen: 20.624 ng m
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: BF111782.D
 Acq: 28 Dec 2018 1:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	74.2	111.4
116	4.4	2.9	4.3#





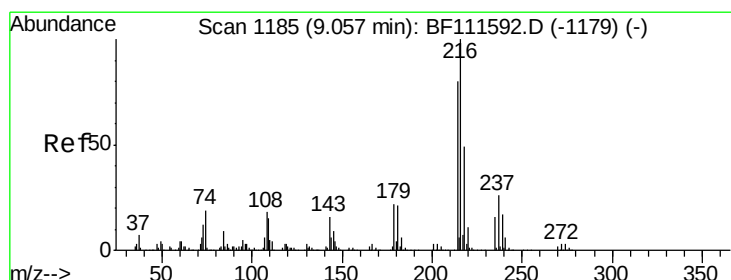
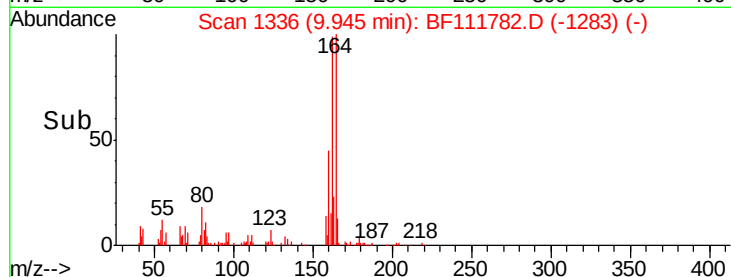
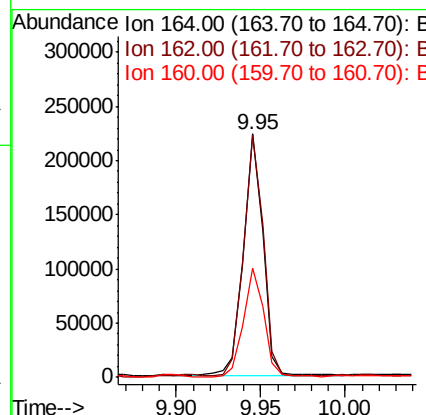
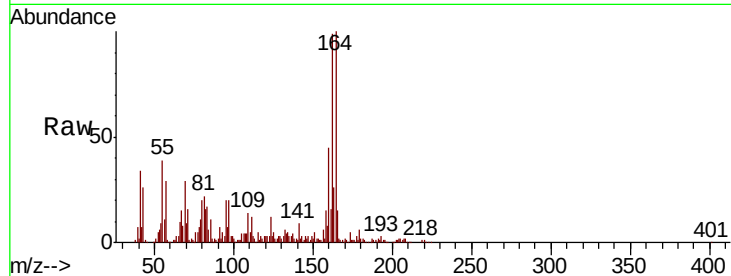
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01DL

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.3	81.4	122.0
160	45.0	35.7	53.5

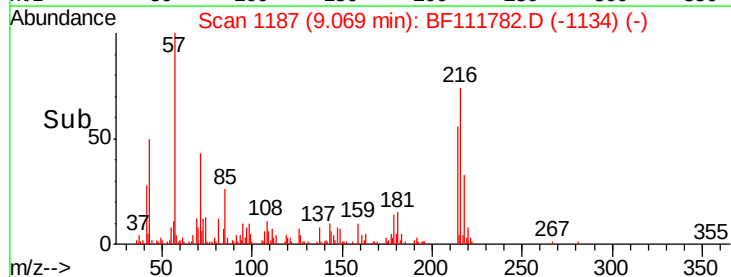
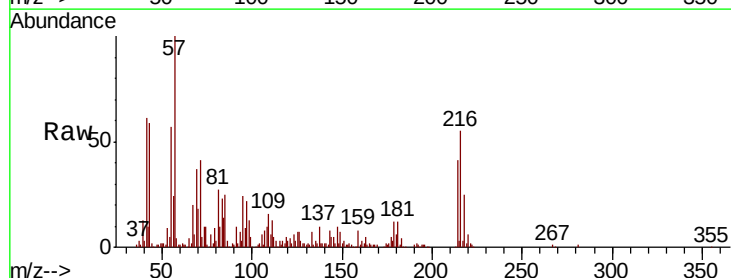
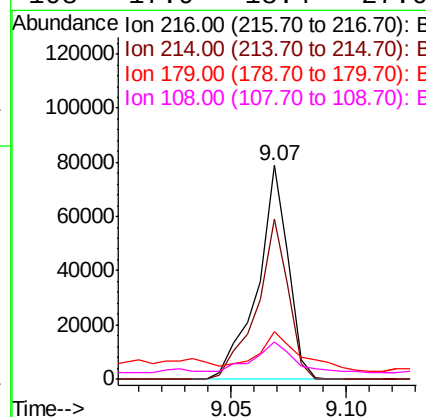
Manual Integrations
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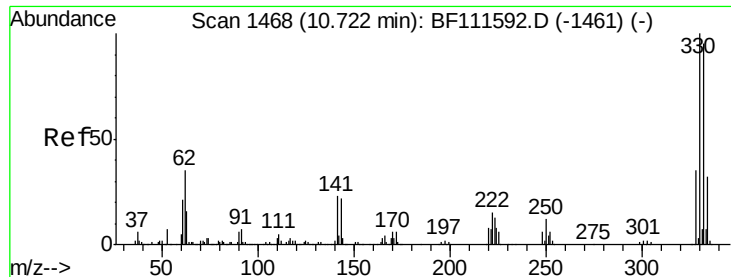
Sohil
12/28/2018 10:37:38 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 12.443 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.8	63.8	95.8
179	29.2	17.9	26.9#
108	17.9	18.4	27.6#





#42

2,4,6-Tribromophenol

Concen: 9.494 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.01 min

Lab File: BF111782.D

Acq: 28 Dec 2018 1:04

Instrument :

BNA_F

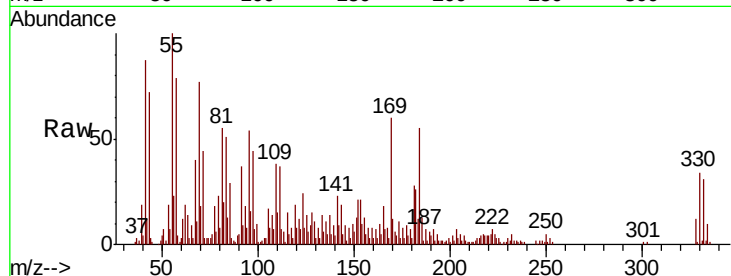
ClientSampleId :

P001-SS013A-2430-01DL

Tot Ion	Ratio	Resp	Lower	Upper
330	100	19921		
332	98.7	76.0	114.0	
141	58.8	31.0	46.6#	

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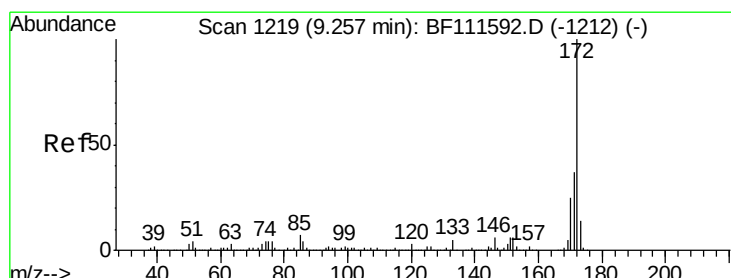
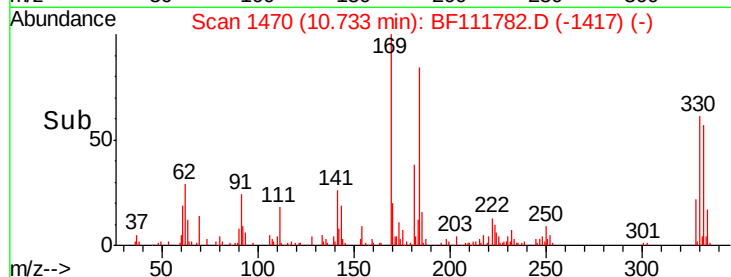
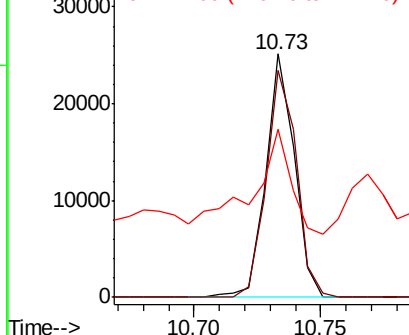


Abundance

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



#45

2-Fluorobiphenyl

Concen: 9.360 ng

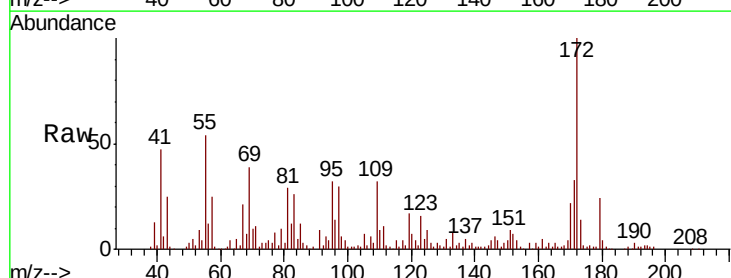
RT: 9.26 min Scan# 1220

Delta R.T. 0.01 min

Lab File: BF111782.D

Acq: 28 Dec 2018 1:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	114034		
171	32.8	33.0	49.4#	
170	21.9	22.3	33.5#	

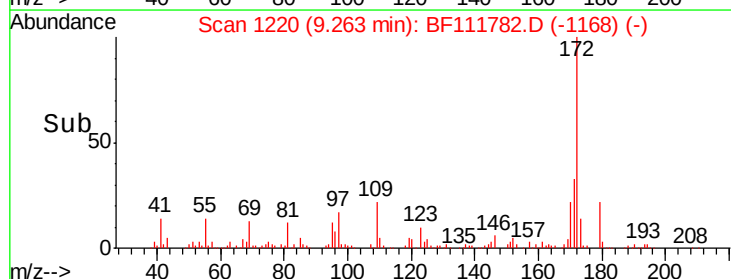
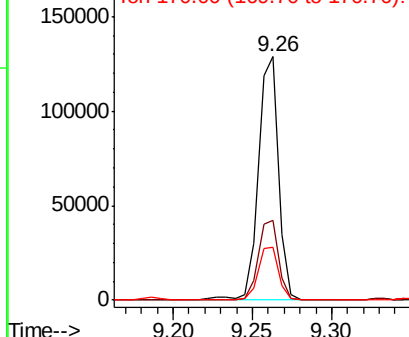


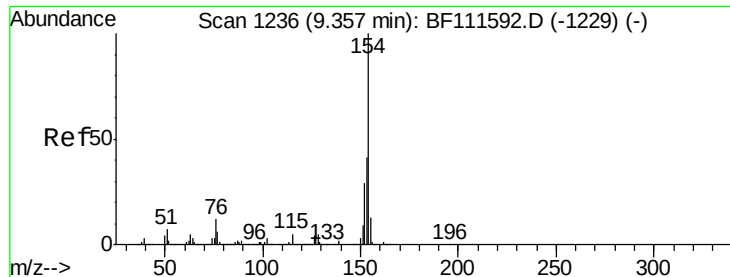
Abundance

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





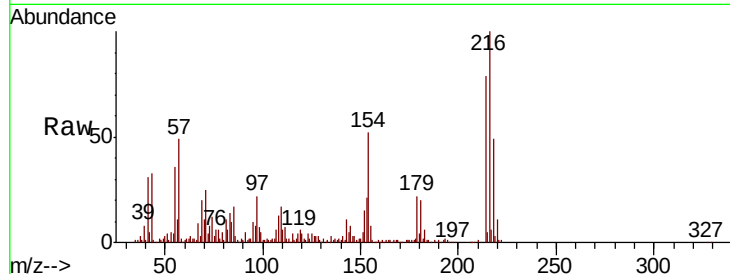
#46
 1,1'-Biphenyl
 Concen: 7.768 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.01 min
 Lab File: BF111782.D
 Acq: 28 Dec 2018 1:04

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS013A-2430-01DL

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.3	23.7	63.7	
76	11.6	0.0	35.0	

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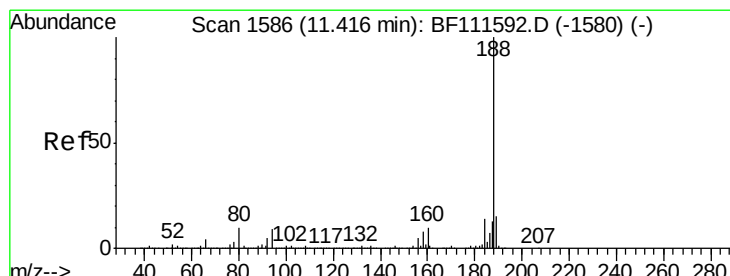
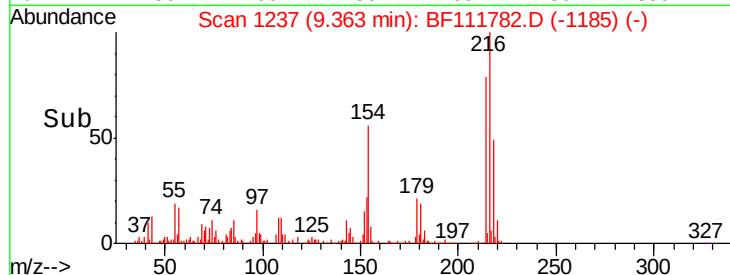
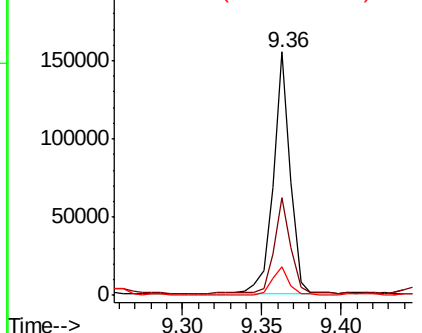


Abundance

Ion 154.00 (153.70 to 154.70): E

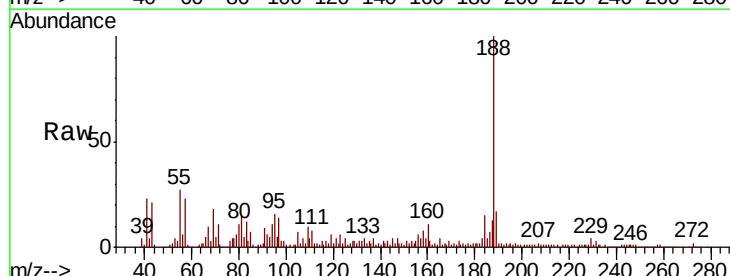
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.02 min
 Lab File: BF111782.D
 Acq: 28 Dec 2018 1:04

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.5	9.6	14.4	
80	11.2	9.8	14.6	

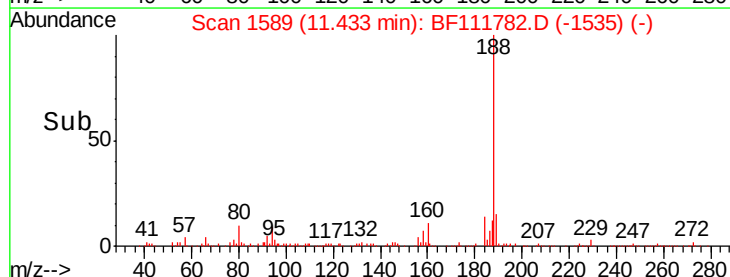
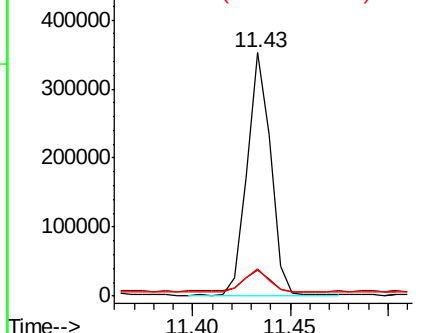


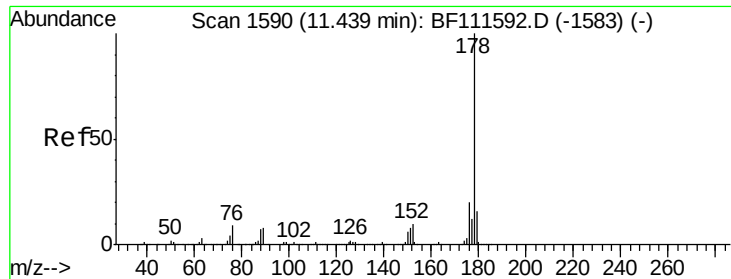
Abundance

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





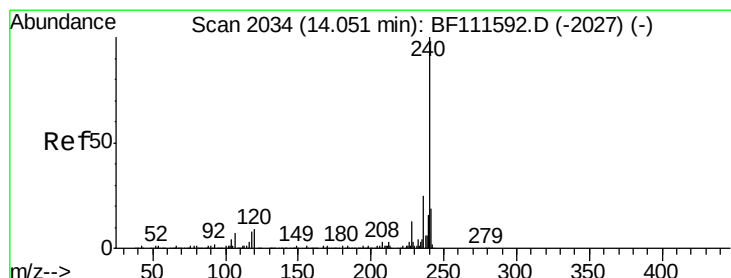
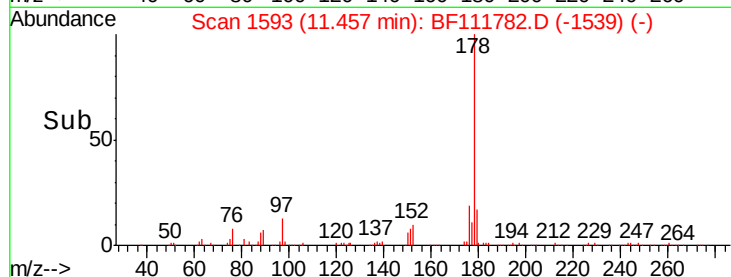
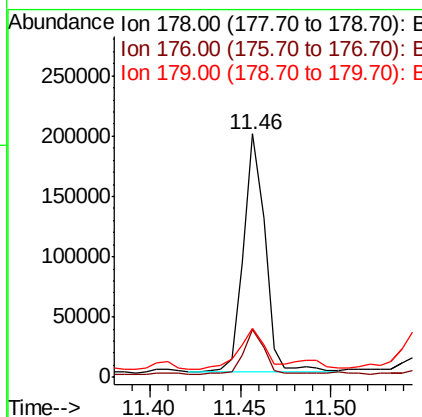
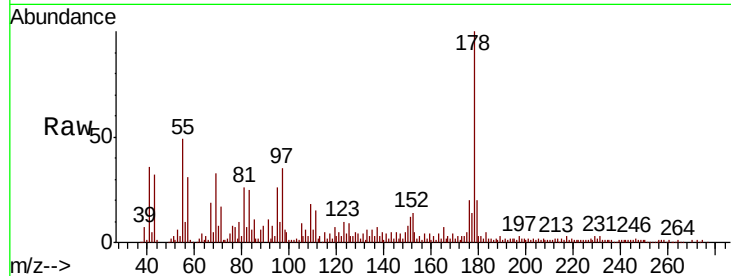
#71
Phenanthrene
Concen: 10.682 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.02 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	18.1	27.1
179	20.0	14.0	21.0

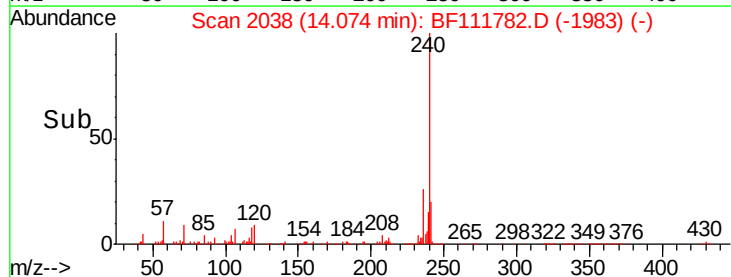
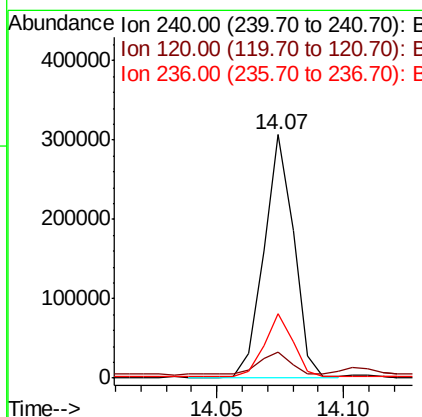
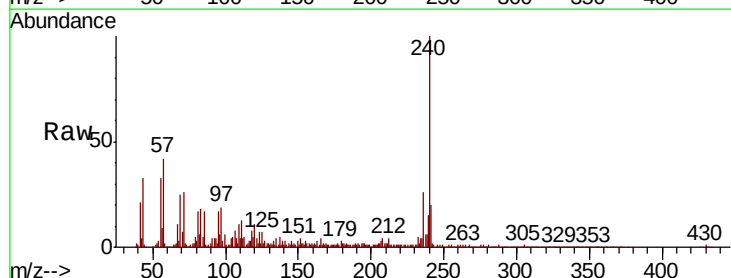
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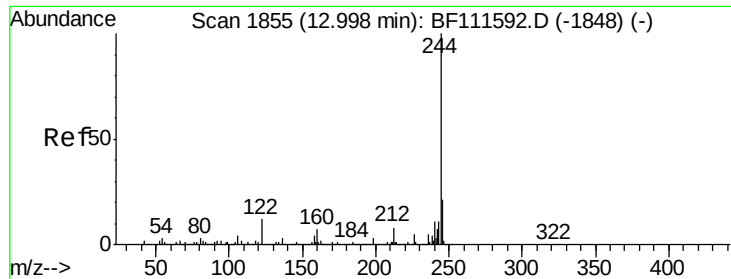
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.02 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	12.2	18.2#
236	26.2	20.2	30.2





#79

Terphenyl-d14

Concen: 7.837 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.02 min

Lab File: BF111782.D

Acq: 28 Dec 2018 1:04

Instrument :

BNA_F

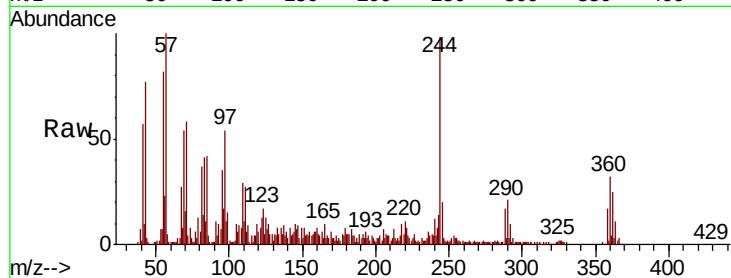
ClientSampleId :

P001-SS013A-2430-01DL

Tot Ion:	244	Resp:	103776
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.7	8.5
122	13.0	13.1	19.7#

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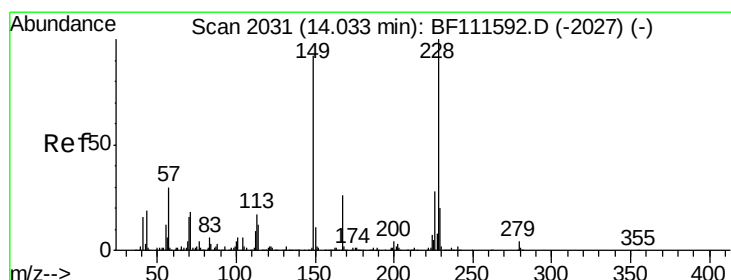
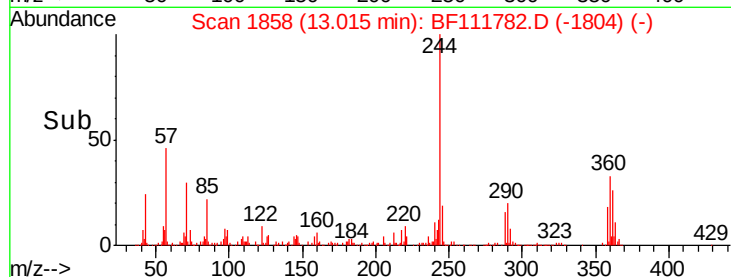
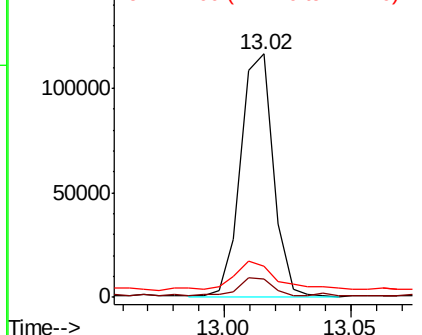


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 29.551 ng

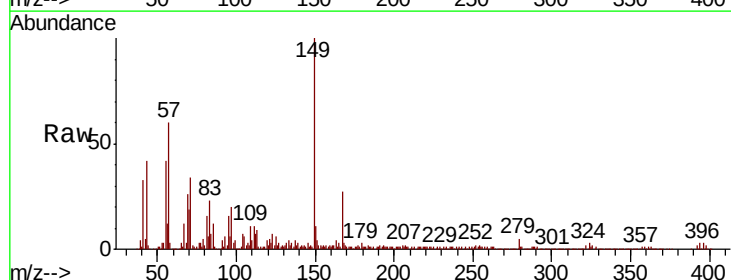
RT: 14.05 min Scan# 2034

Delta R.T. 0.02 min

Lab File: BF111782.D

Acq: 28 Dec 2018 1:04

Tgt Ion:	149	Resp:	269071
Ion Ratio	Lower	Upper	
149	100		
167	27.3	22.5	33.7
279	4.8	2.6	4.0#

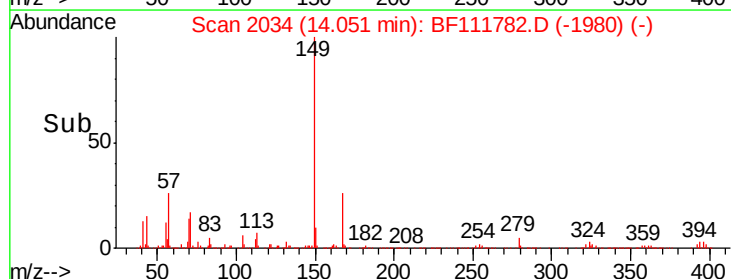
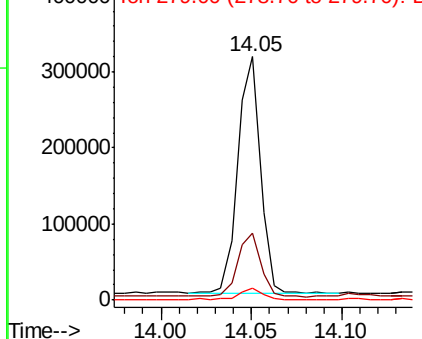


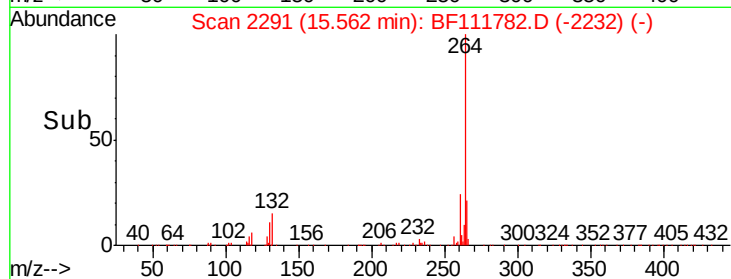
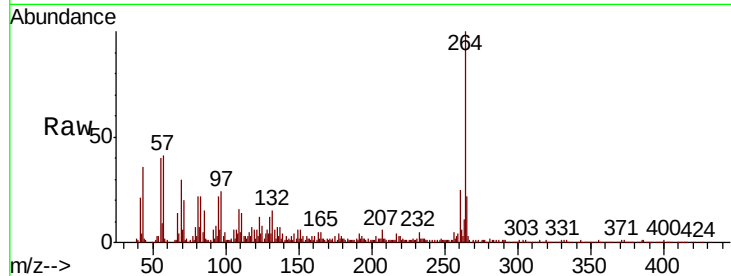
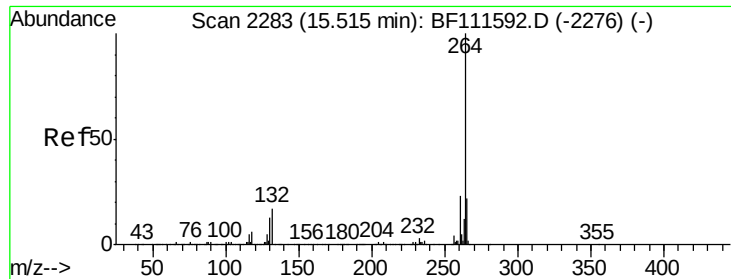
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.05 min
Lab File: BF111782.D
Acq: 28 Dec 2018 1:04

Instrument :
BNA_F
ClientSampleId :
P001-SS013A-2430-01DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.3	27.5
265	21.6	17.7	26.5

Manual Integrations
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