

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
 Data File : BF115951.D
 Acq On : 2 Aug 2019 17:25
 Operator : HP/JU
 Sample : K4131-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1S-E1-E4-COMP-(30)

Manual Integrations
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Quant Time: Aug 03 00:13:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	118846	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	469225	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	251735	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	462713	20.00	ng	0.00
76) Chrysene-d12	14.02	240	416951	20.00	ng	0.00
87) Perylene-d12	15.49	264	424188	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	456729	64.33	ng	0.00
7) Phenol-d6	6.48	99	782178	87.33	ng	0.00
23) Nitrobenzene-d5	7.41	82	478098	58.81	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	201748	82.66	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	881119	65.56	ng	0.00
79) Terphenyl-d14	12.96	244	1048073	52.97	ng	0.00
Target Compounds						
10) Phenol	6.49	94	24954	2.366	ng	88
50) Dimethylphthalate	9.60	163	49905	2.912	ng	99
71) Phenanthrene	11.40	178	70564	2.983	ng	99
75) Fluoranthene	12.59	202	195897	7.910	ng	99
78) Pyrene	12.82	202	176087	5.602	ng	99
81) Benzo(a)anthracene	14.01	228	110160	4.134	ng	99
83) Chrysene	14.04	228	88103	3.405	ng	99
88) Benzo(b)fluoranthene	15.06	252	109300m	4.456	ng	
90) Benzo(a)pyrene	15.43	252	79540	3.628	ng	98
92) Benzo(g,h,i)perylene	17.43	276	37582	2.016	ng	97

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

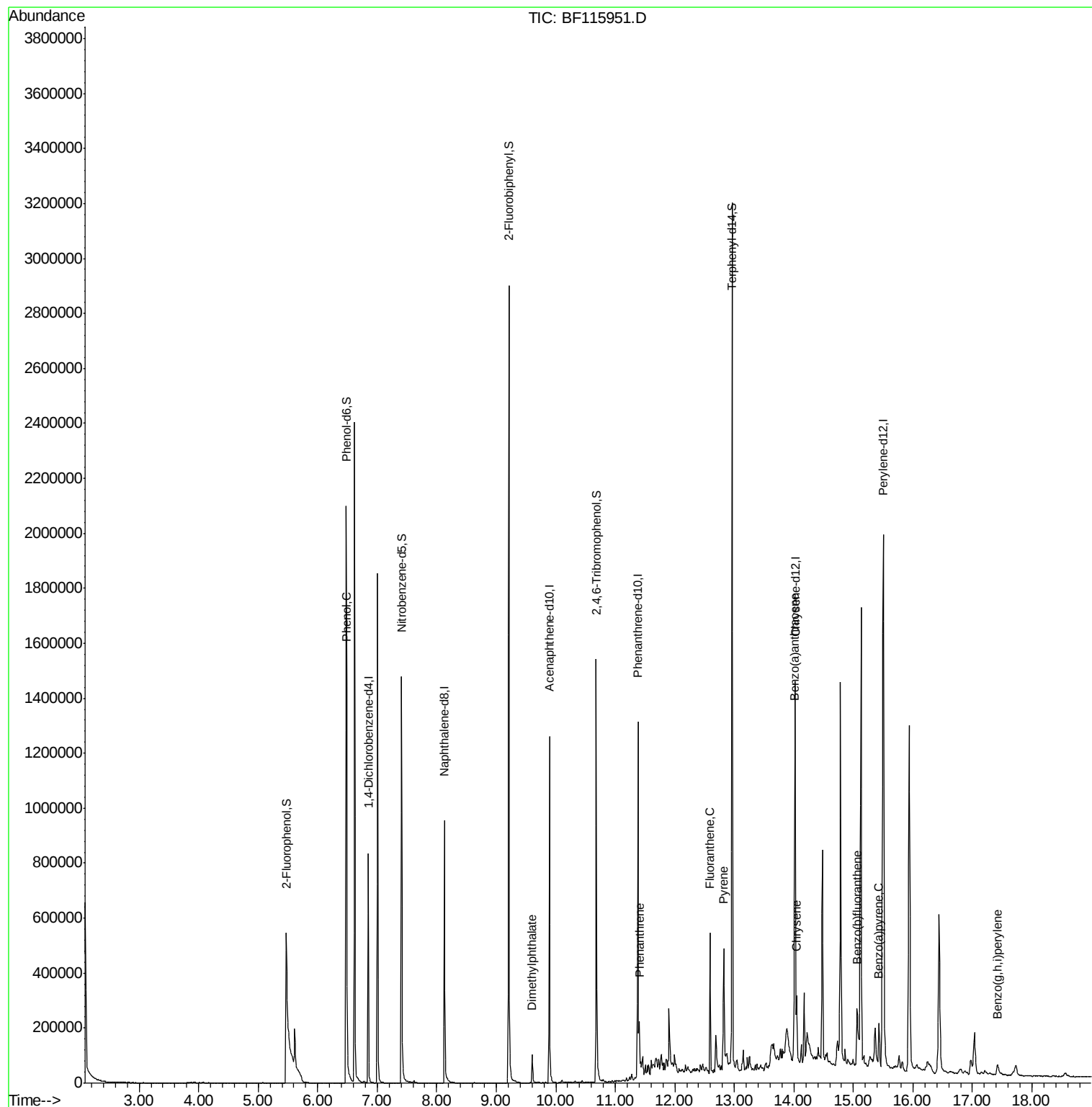
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
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1S-E1-E4-COMP-(30)

Manual Integrations
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

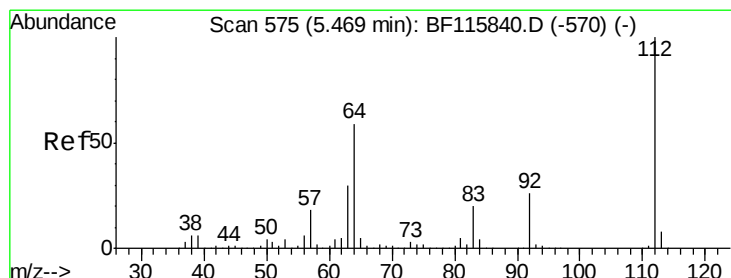
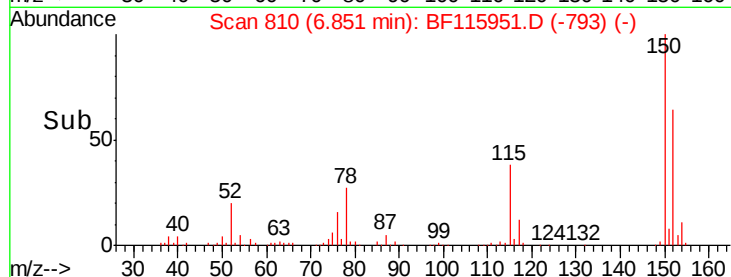
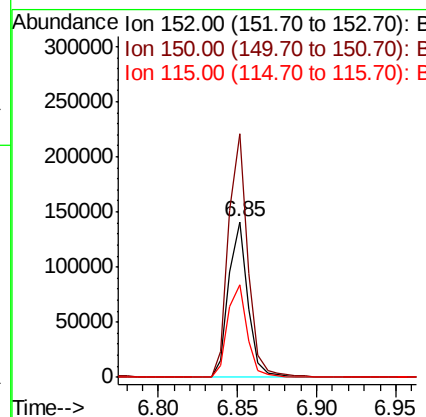
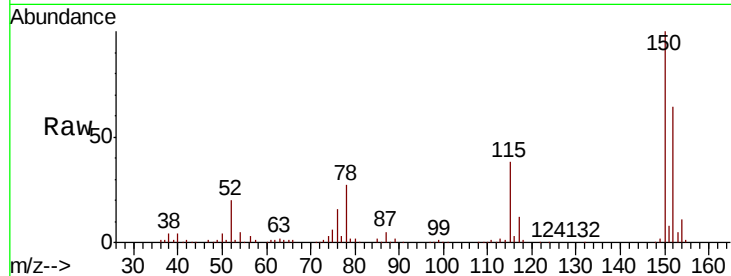
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115951.D
Acq: 2 Aug 2019 17:25

Instrument :
BNA_F
ClientSampleId :
1S-E1-E4-COMP-(30)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	127.4	191.0
115	59.8	51.8	77.8

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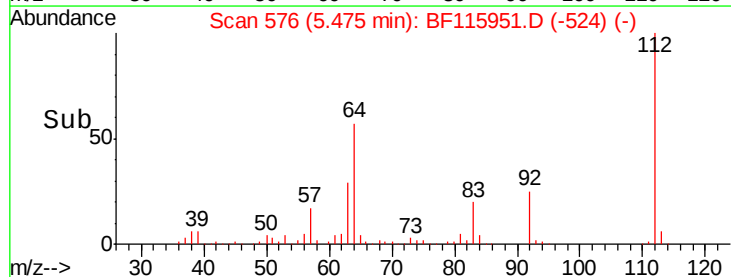
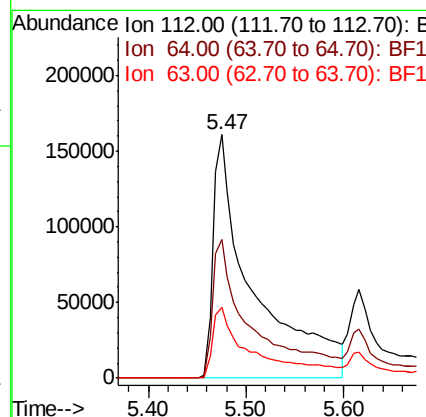
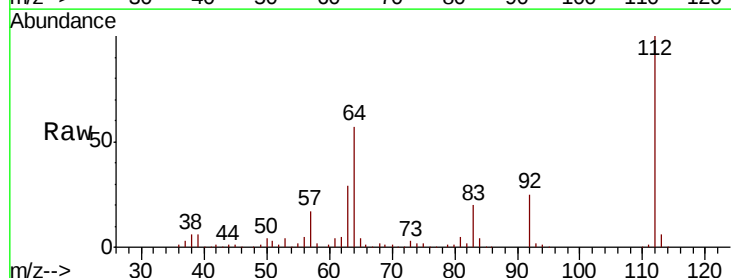
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#5

2-Fluorophenol
Concen: 64.335 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF115951.D
Acq: 2 Aug 2019 17:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	46.8	70.2
63	29.3	24.2	36.2





#7

Phenol-d6

Concen: 87.326 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115951.D

Acq: 2 Aug 2019 17:25

Instrument :

BNA_F

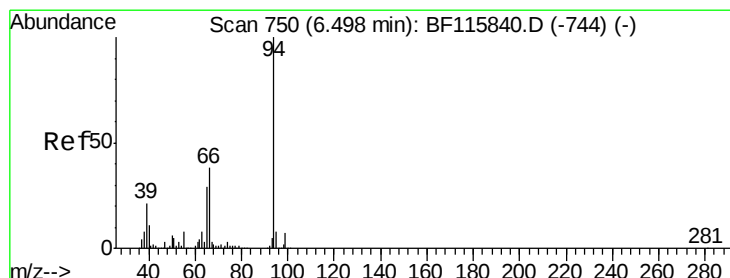
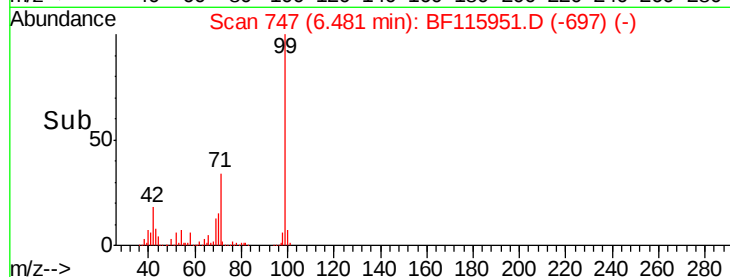
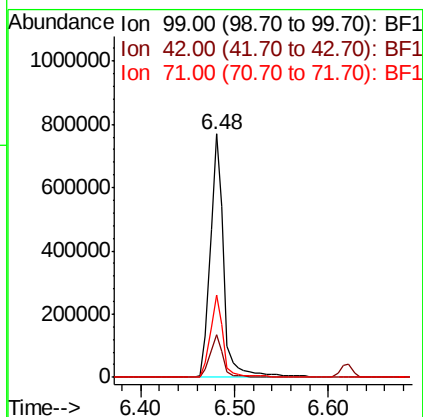
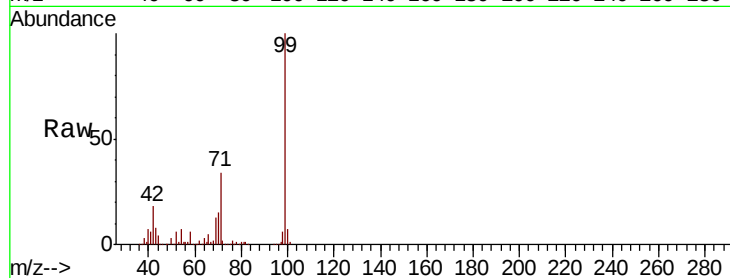
ClientSampleId :

1S-E1-E4-COMP-(30)

Tot Ion:	99	Resp:	782178
Ion Ratio	Lower	Upper	
99	100		
42	17.5	13.8	20.6
71	33.7	27.1	40.7

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#10

Phenol

Concen: 2.366 ng

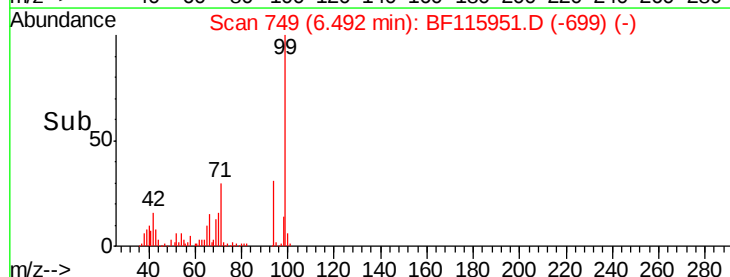
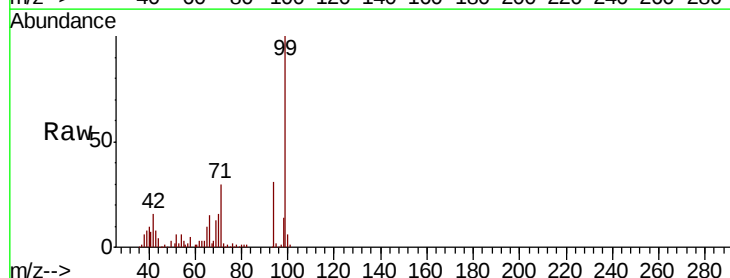
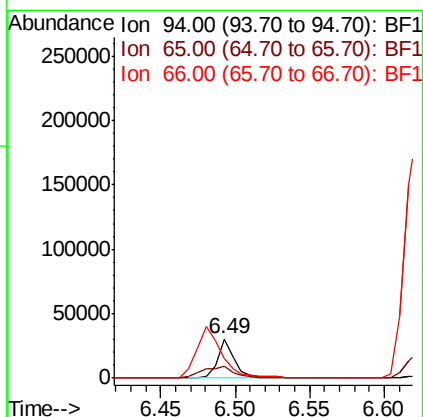
RT: 6.49 min Scan# 749

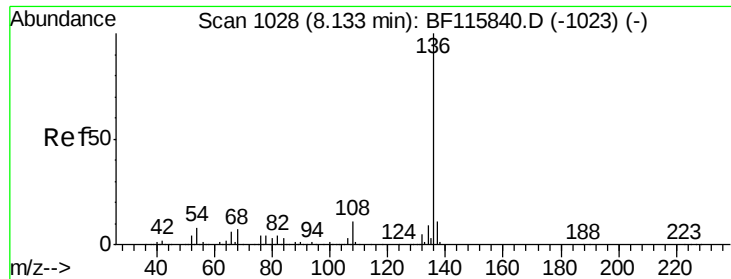
Delta R.T. -0.01 min

Lab File: BF115951.D

Acq: 2 Aug 2019 17:25

Tgt Ion:	94	Resp:	24954
Ion Ratio	Lower	Upper	
94	100		
65	30.9	8.9	48.9
66	49.5	18.0	58.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF115951.D

Acq: 2 Aug 2019 17:25

Instrument :

BNA_F

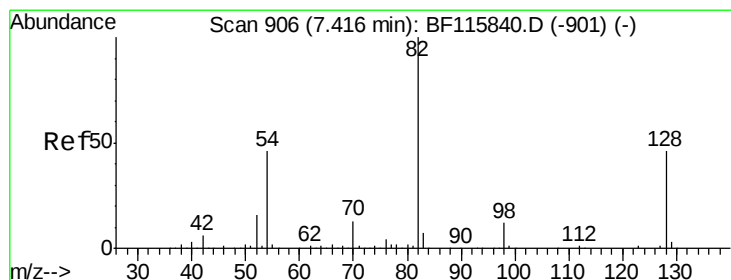
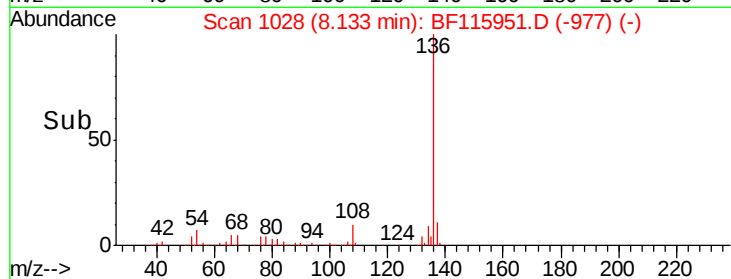
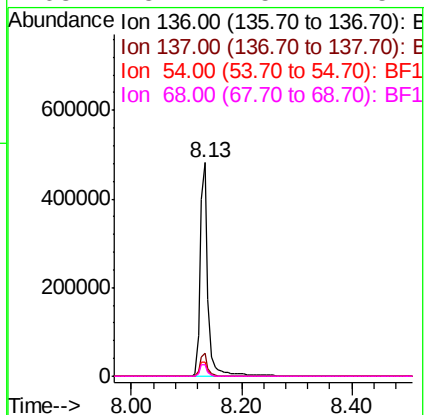
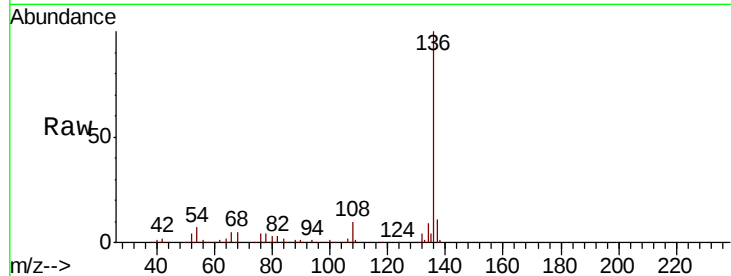
ClientSampleId :

1S-E1-E4-COMP-(30)

Tot Ion	Ratio	Resp	Lower	Upper
136	100	469225		
137	10.9		9.1	13.7
54	6.6		6.1	9.1
68	5.4		5.4	8.2#

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#23

Nitrobenzene-d5

Concen: 58.815 ng

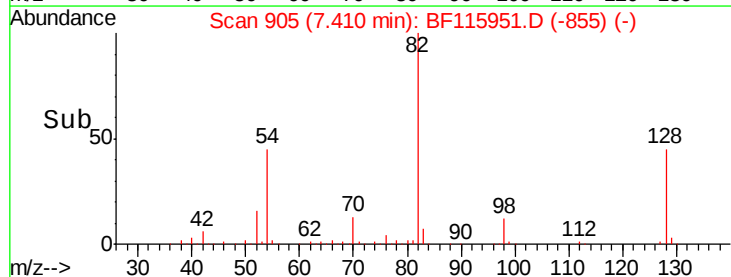
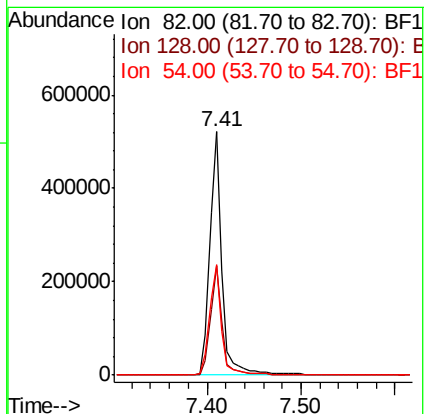
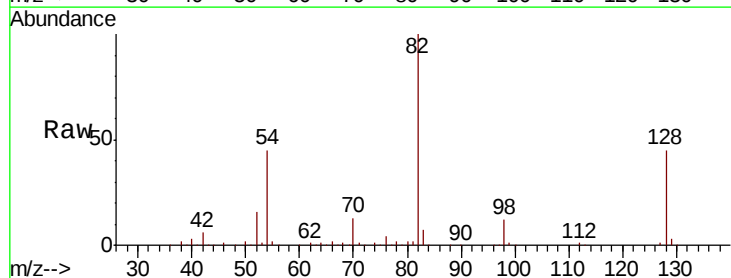
RT: 7.41 min Scan# 905

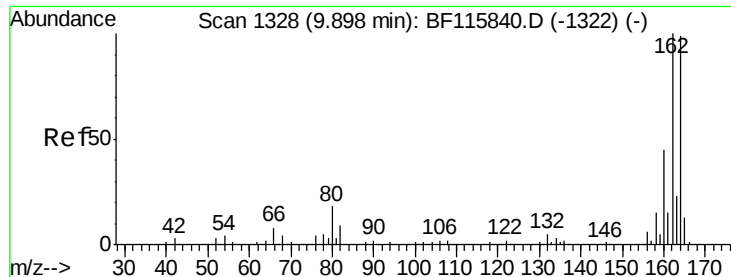
Delta R.T. -0.01 min

Lab File: BF115951.D

Acq: 2 Aug 2019 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	478098		
128	44.7		36.6	55.0
54	45.3		36.6	55.0





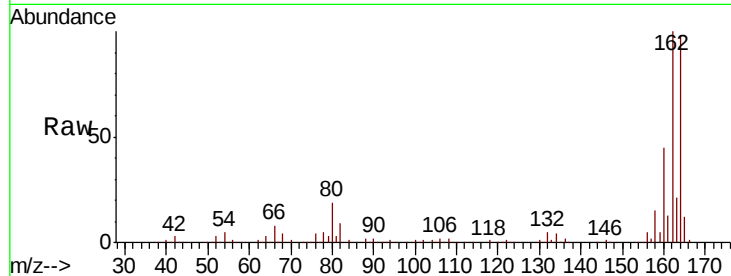
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF115951.D
 Acq: 2 Aug 2019 17:25

Instrument :
 BNA_F
 ClientSampleId :
 1S-E1-E4-COMP-(30)

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.1	80.8	121.2	
160	45.8	36.2	54.4	

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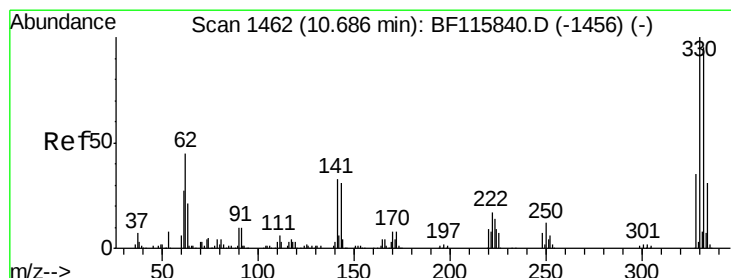
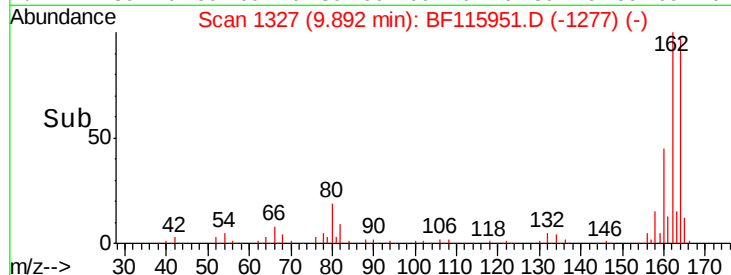
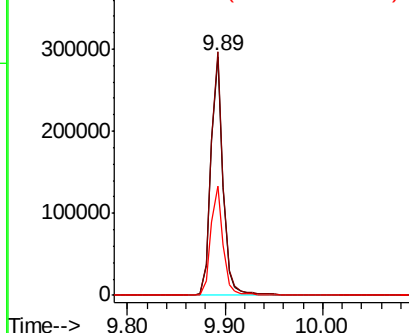


Abundance

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: 82.662 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF115951.D
 Acq: 2 Aug 2019 17:25

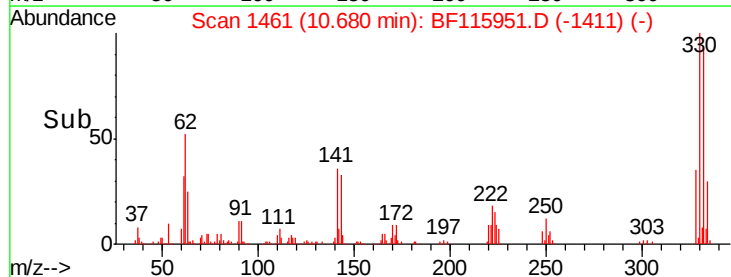
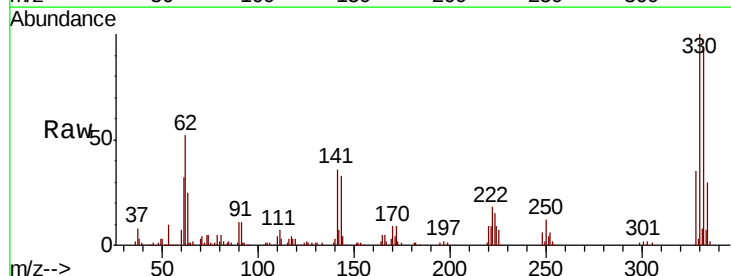
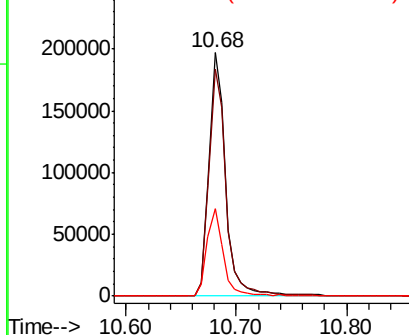
Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.0	77.7	116.5	
141	35.8	28.1	42.1	

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





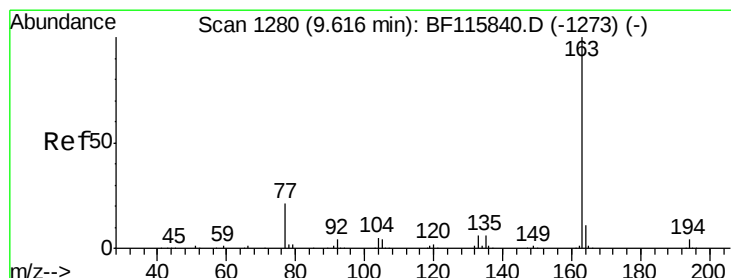
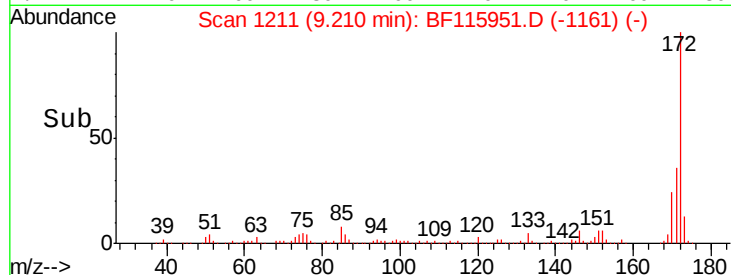
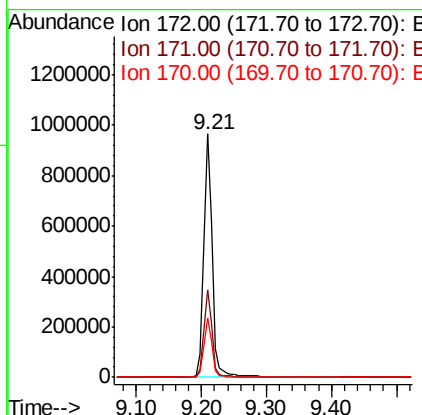
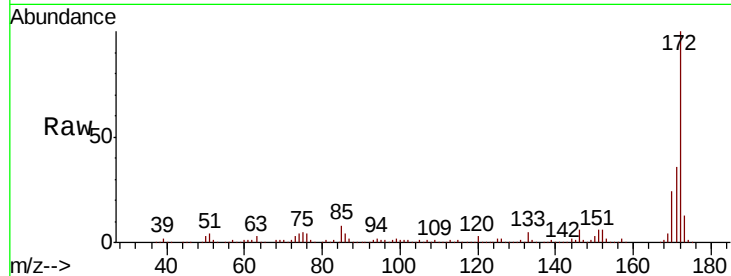
#45
2-Fluorobiphenyl
Concen: 65.561 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF115951.D
Acq: 2 Aug 2019 17:25

Instrument :
BNA_F
ClientSampleId :
1S-E1-E4-COMP-(30)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.1	43.7
170	24.4	20.1	30.1

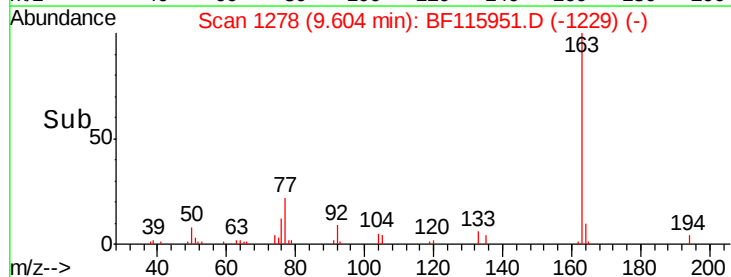
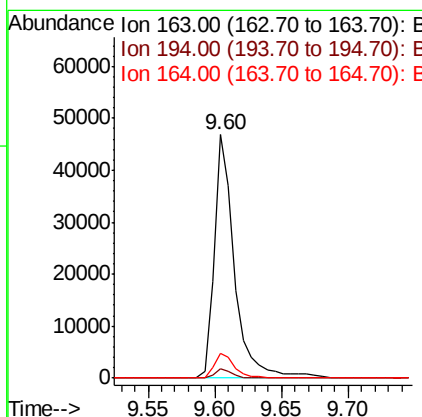
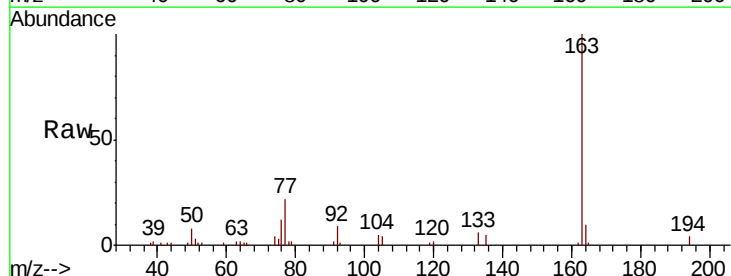
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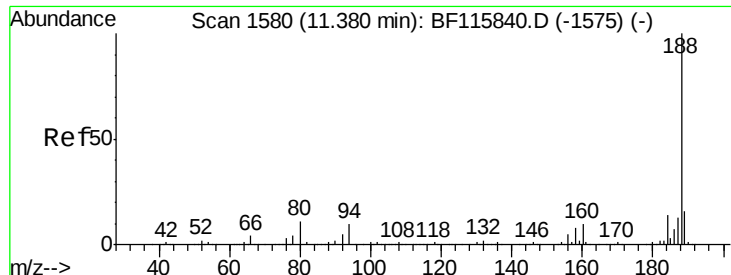
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#50
Dimethylphthalate
Concen: 2.912 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF115951.D
Acq: 2 Aug 2019 17:25

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.3	8.4	12.6





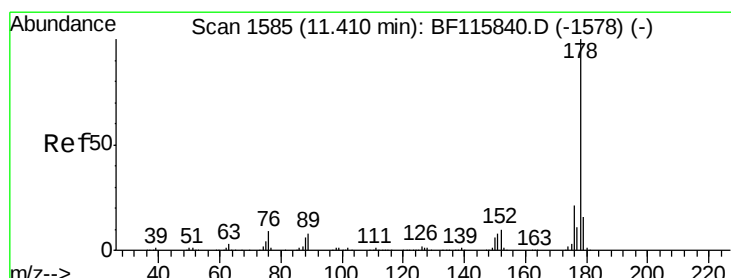
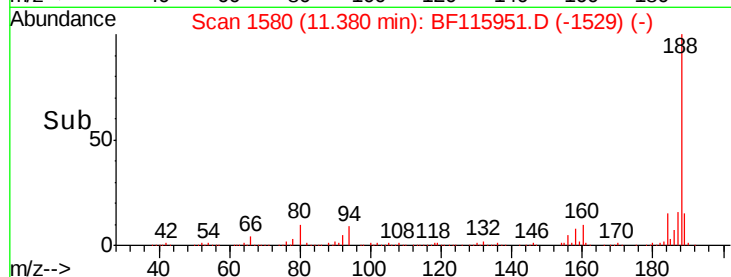
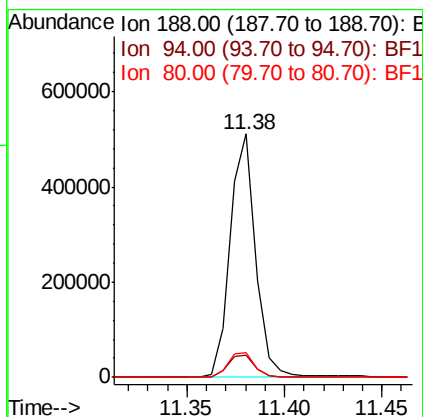
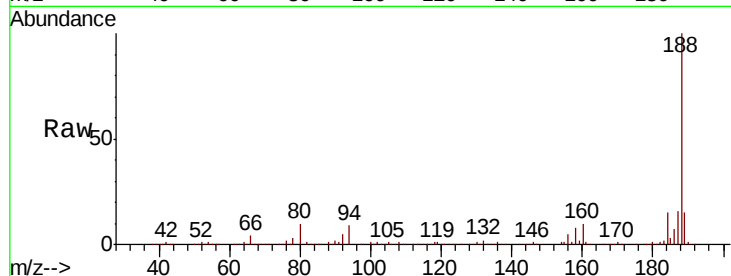
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF115951.D
Acq: 2 Aug 2019 17:25

Instrument :
BNA_F
ClientSampleId :
1S-E1-E4-COMP-(30)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	462713		
94	9.1	8.0	12.0	
80	9.9	8.6	12.8	

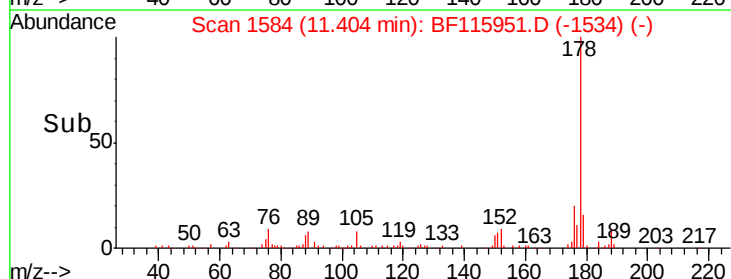
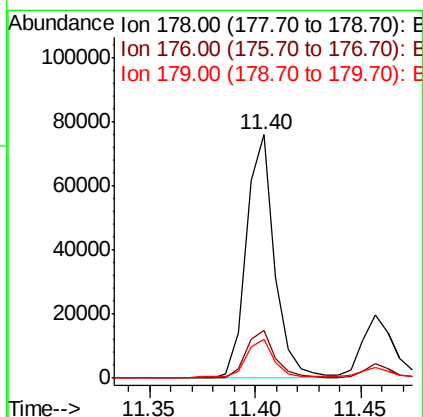
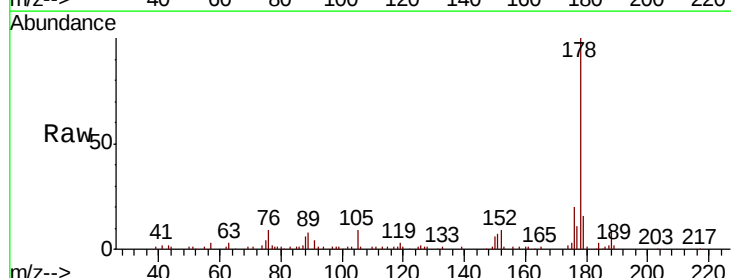
Manual Integrations
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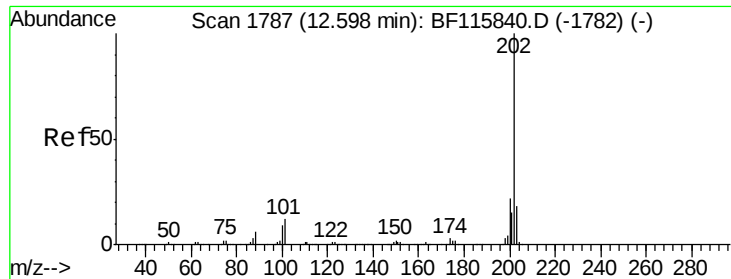
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#71
Phenanthrene
Concen: 2.983 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115951.D
Acq: 2 Aug 2019 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	70564		
176	19.5	16.5	24.7	
179	15.8	12.6	18.8	





#75

Fluoranthene

Concen: 7.910 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF115951.D

Acq: 2 Aug 2019 17:25

Instrument :

BNA_F

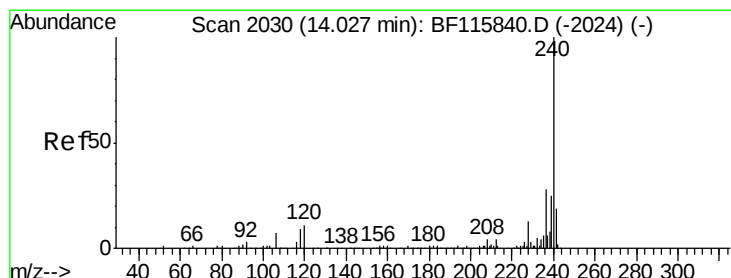
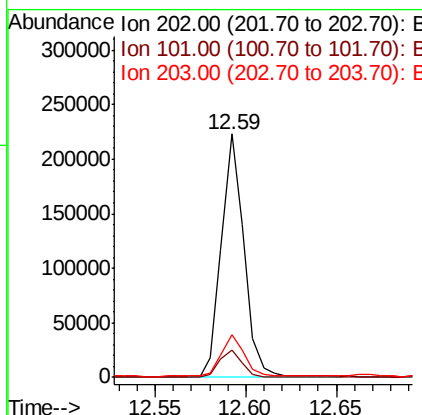
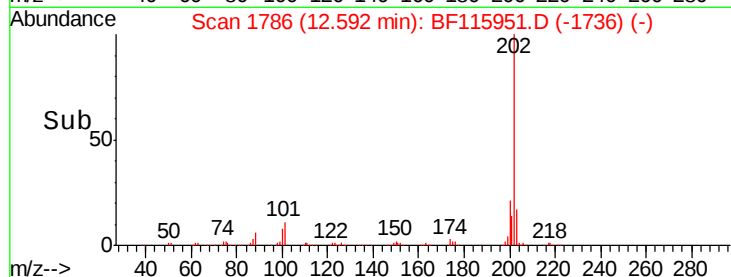
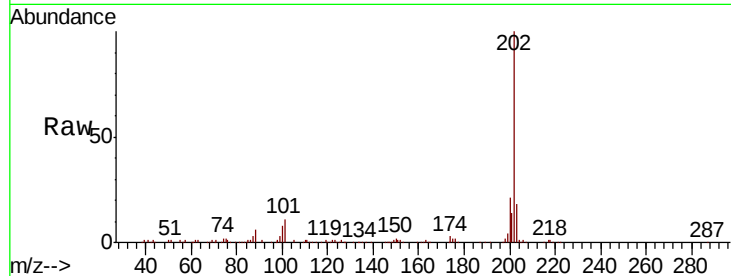
ClientSampleId :

1S-E1-E4-COMP-(30)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		195897		
101	11.4	0.0	31.5		
203	17.6	0.0	37.9		

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#76

Chrysene-d12

Concen: 20.000 ng

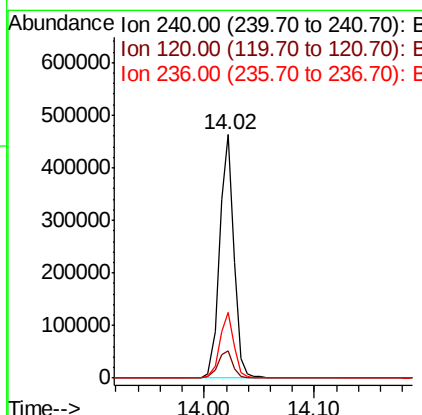
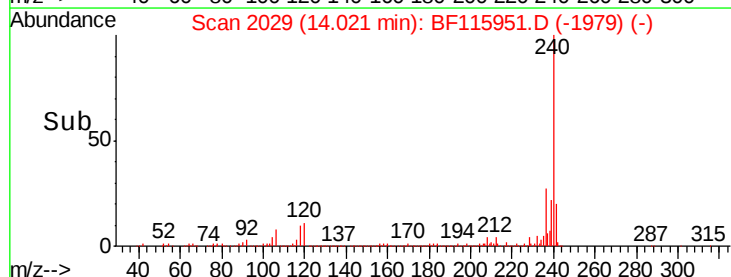
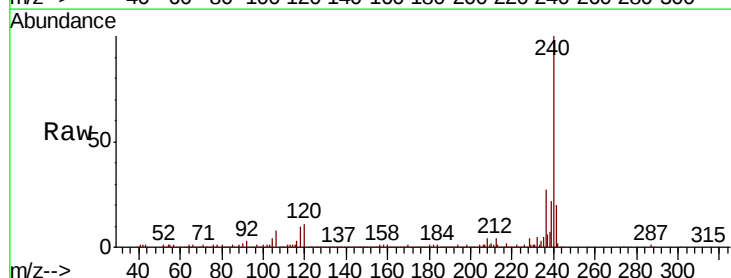
RT: 14.02 min Scan# 2029

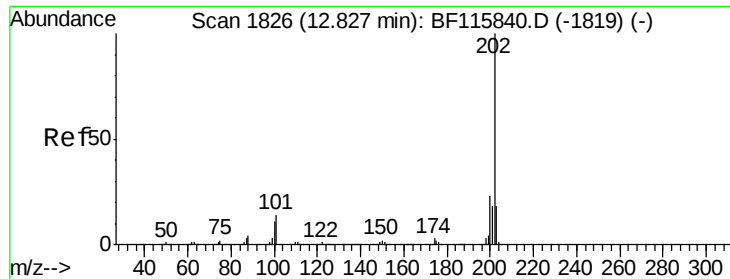
Delta R.T. -0.01 min

Lab File: BF115951.D

Acq: 2 Aug 2019 17:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		416951		
120	11.0	8.5	12.7		
236	27.1	22.2	33.2		





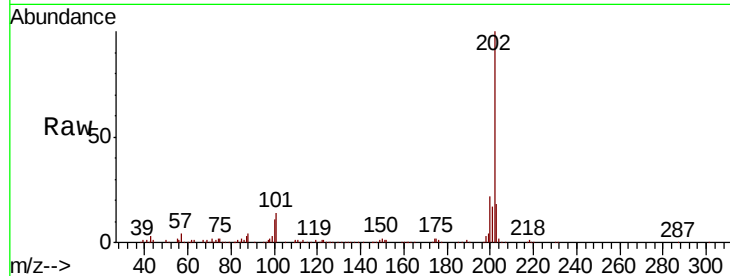
#78
Pvrene
Concen: 5.602 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF115951.D
Acq: 2 Aug 2019 17:25

Instrument :
BNA_F
ClientSampleId :
1S-E1-E4-COMP-(30)

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	18.2	27.2
203	17.9	14.3	21.5

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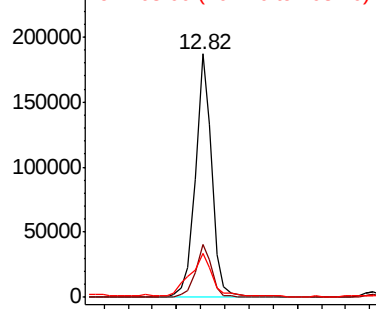


Abundance

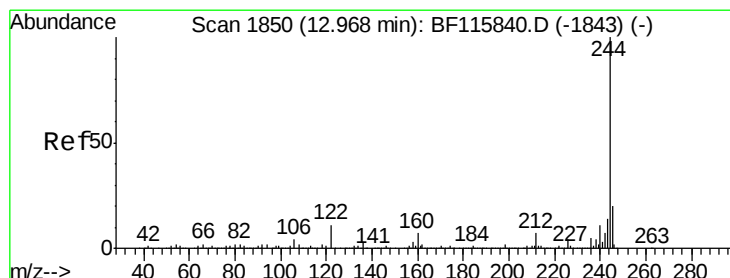
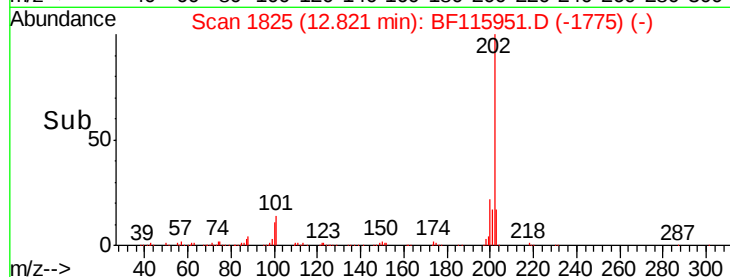
Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

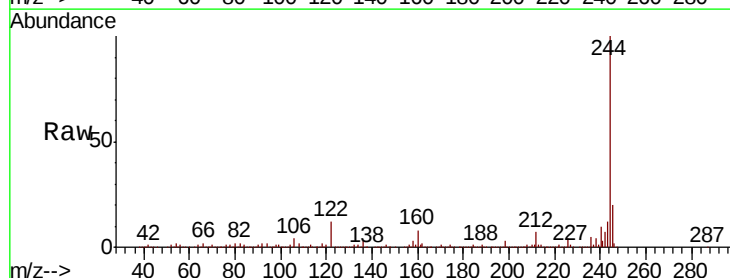


Time-->



#79
Terphenyl-d14
Concen: 52.967 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF115951.D
Acq: 2 Aug 2019 17:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	11.6	8.6	13.0

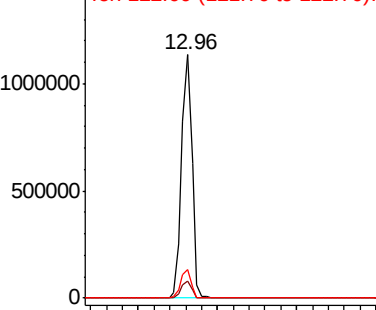


Abundance

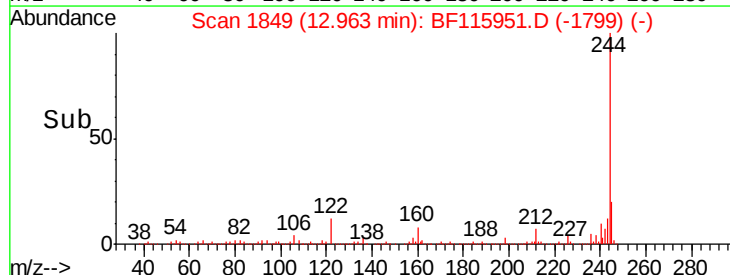
Ion 244.00 (243.70 to 244.70): E

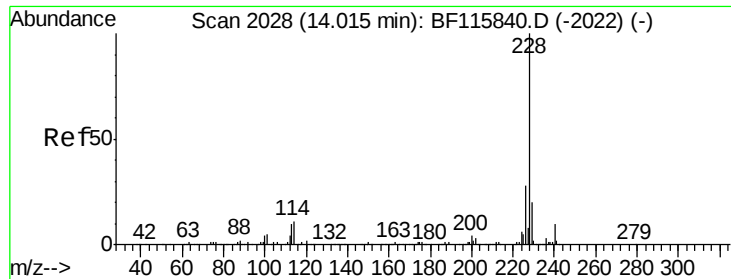
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#81

Benzo(a)anthracene

Concen: 4.134 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF115951.D

Acq: 2 Aug 2019 17:25

Instrument :

BNA_F

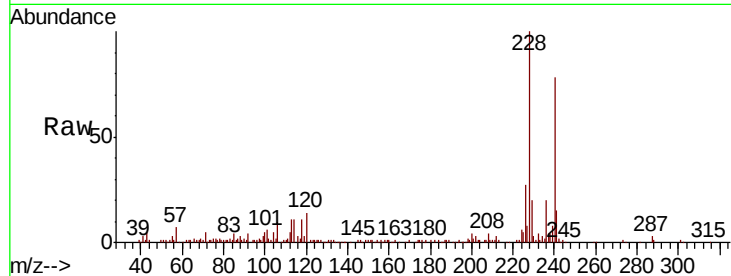
ClientSampleId :

1S-E1-E4-COMP-(30)

Tot Ion:	228	Resp:	110160
Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.5	33.7
229	20.1	16.1	24.1

Manual Integrations
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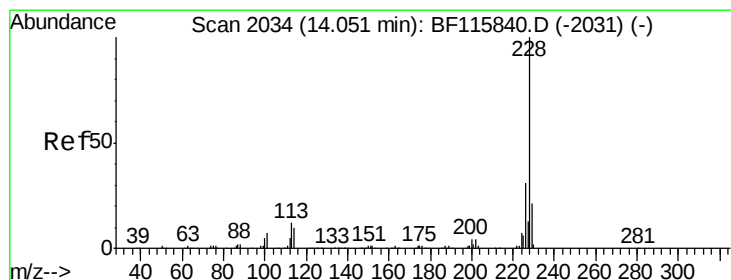
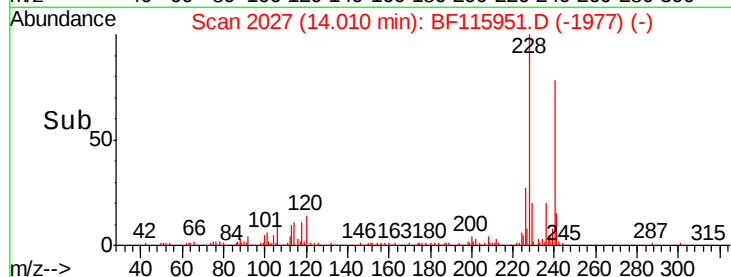
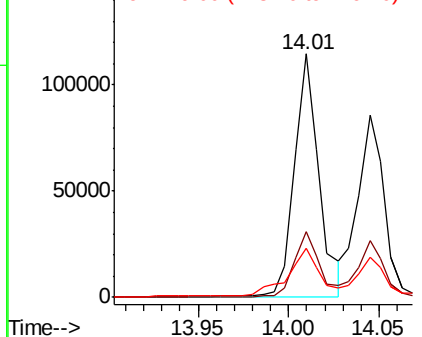


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 3.405 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF115951.D

Acq: 2 Aug 2019 17:25

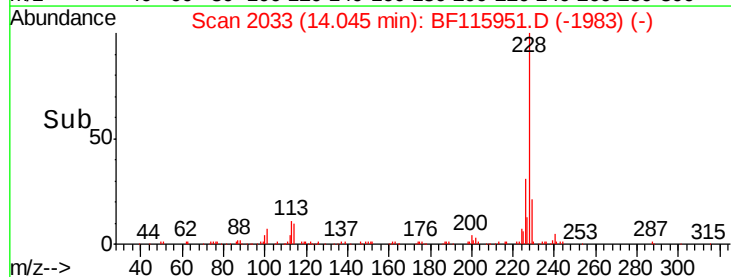
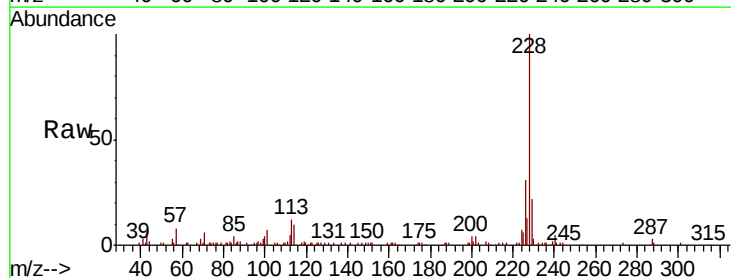
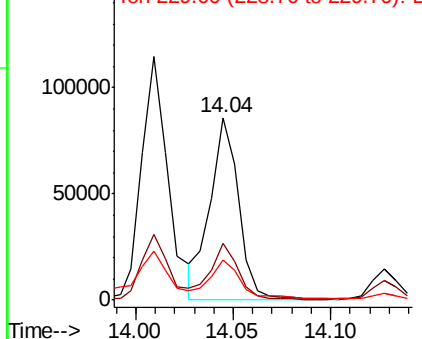
Tgt Ion:	228	Resp:	88103
Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.8	37.2
229	22.0	16.4	24.6

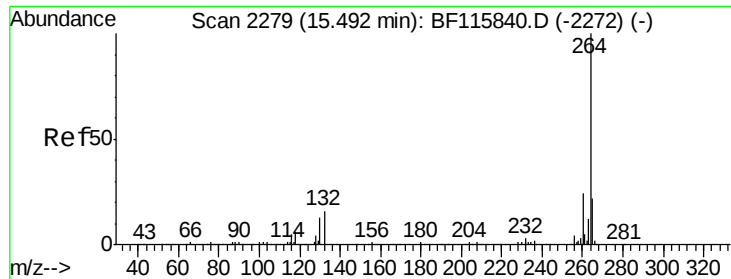
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BF115951.D

Acq: 2 Aug 2019 17:25

Instrument :

BNA_F

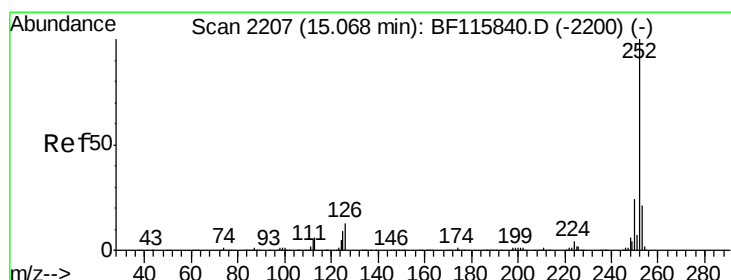
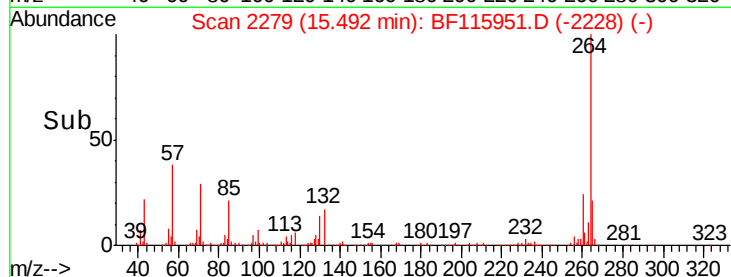
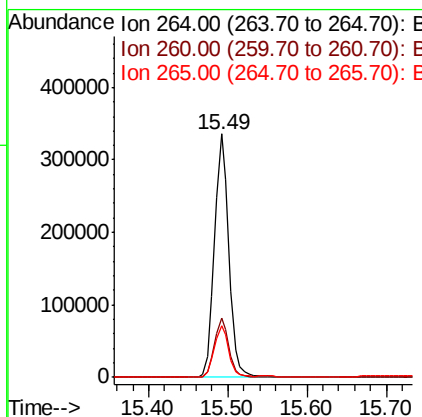
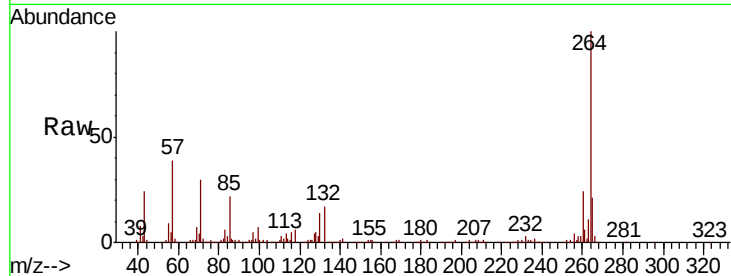
ClientSampleId :

1S-E1-E4-COMP-(30)

Tot Ion:	264	Resp:	424188
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.4	29.2
265	21.2	17.5	26.3

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 4.456 ng m

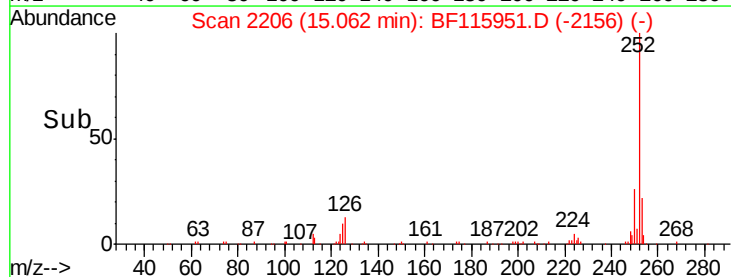
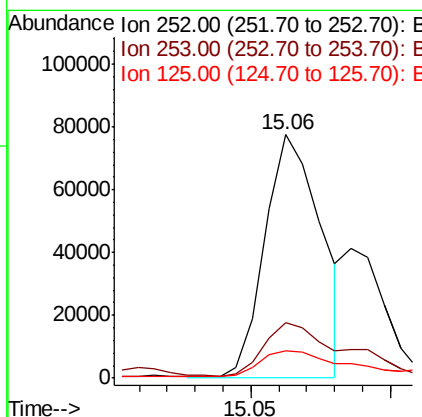
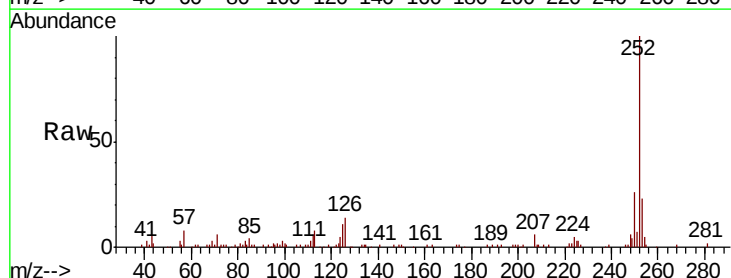
RT: 15.06 min Scan# 2206

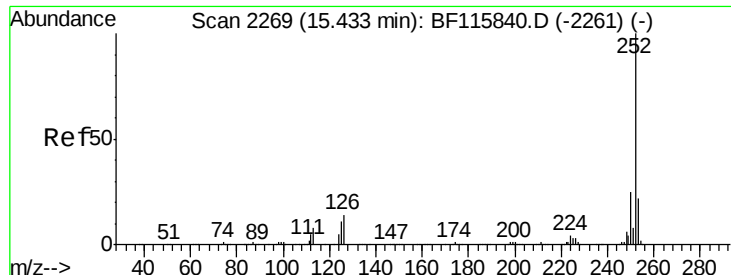
Delta R.T. -0.01 min

Lab File: BF115951.D

Acq: 2 Aug 2019 17:25

Tgt Ion:	252	Resp:	109300
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.2	25.8
125	11.4	7.4	11.0#





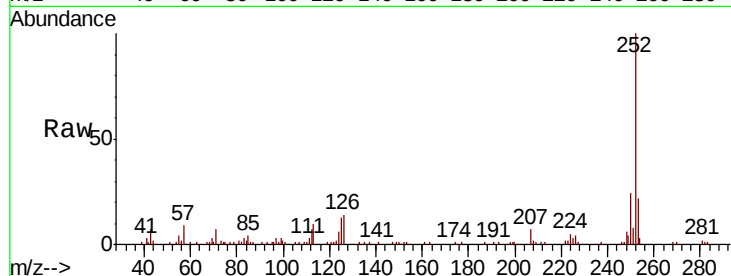
#90
Benzo(a)pyrene
Concen: 3.628 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF115951.D
Acq: 2 Aug 2019 17:25

Instrument :
BNA_F
ClientSampleId :
1S-E1-E4-COMP-(30)

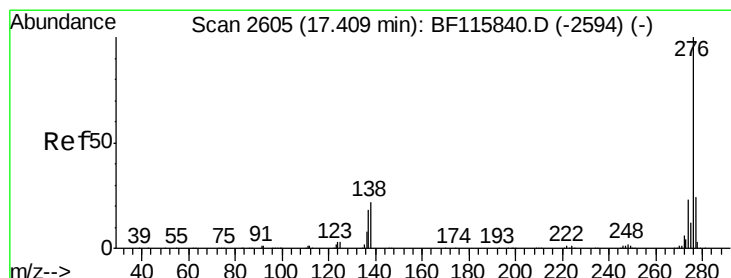
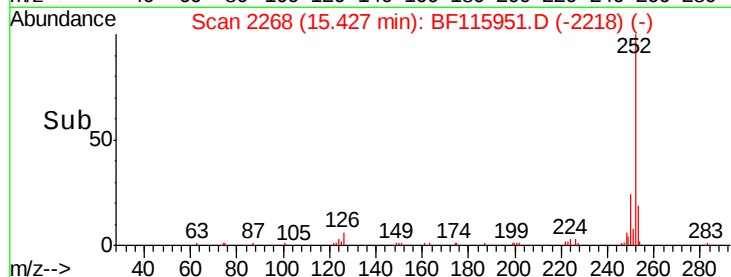
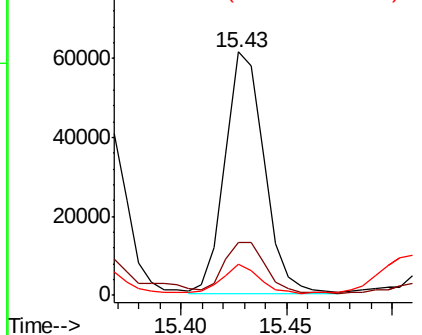
Tot Ion:	252	Resp:	79540
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.8	26.6
125	12.5	8.8	13.2

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 2.016 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.02 min
Lab File: BF115951.D
Acq: 2 Aug 2019 17:25

Tgt Ion:	276	Resp:	37582
Ion Ratio	Lower	Upper	
276	100		
277	25.6	19.5	29.3
138	20.3	17.8	26.8

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

